

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062824\
 Data File : VN082745.D
 Acq On : 28 Jun 2024 12:19
 Operator : JC\MD
 Sample : VN0628WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0628WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/01/2024
 Supervised By : Mahesh Dadoda 07/01/2024

Quant Time: Jun 28 23:03:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062724W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 06:02:21 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	104337	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	185044	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	168896	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	76383	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	82806	51.463	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.920%			
35) Dibromofluoromethane	8.171	113	64798	53.186	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.380%			
50) Toluene-d8	10.570	98	238633	52.375	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.740%			
62) 4-Bromofluorobenzene	12.853	95	79470	50.789	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 101.580%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	31763	19.942	ug/l	95
3) Chloromethane	2.359	50	31236	18.737	ug/l	98
4) Vinyl Chloride	2.512	62	33074	18.723	ug/l	97
5) Bromomethane	2.959	94	21805	17.350	ug/l	93
6) Chloroethane	3.124	64	23364	18.752	ug/l	95
7) Trichlorofluoromethane	3.494	101	37278	17.025	ug/l	99
8) Diethyl Ether	3.959	74	11990	17.508	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.377	101	22105	17.695	ug/l	96
10) Methyl Iodide	4.594	142	22197	19.379	ug/l	98
11) Tert butyl alcohol	5.524	59	22818	88.782	ug/l #	83
12) 1,1-Dichloroethene	4.341	96	20629	17.703	ug/l	81
13) Acrolein	4.189	56	15636	100.007	ug/l	99
14) Allyl chloride	5.024	41	35009	19.996	ug/l	96
15) Acrylonitrile	5.718	53	61833	90.444	ug/l	99
16) Acetone	4.424	43	47712	78.265	ug/l	92
17) Carbon Disulfide	4.718	76	67923	17.797	ug/l	97
18) Methyl Acetate	5.030	43	29222	18.031	ug/l	93
19) Methyl tert-butyl Ether	5.800	73	72652	18.804	ug/l	100
20) Methylene Chloride	5.283	84	27149	17.599	ug/l	85
21) trans-1,2-Dichloroethene	5.788	96	23820	18.943	ug/l	92
22) Diisopropyl ether	6.671	45	80212	19.692	ug/l	96
23) Vinyl Acetate	6.606	43	313305	96.335	ug/l	97
24) 1,1-Dichloroethane	6.571	63	46728	18.896	ug/l	97
25) 2-Butanone	7.488	43	82339	88.406	ug/l #	90
26) 2,2-Dichloropropane	7.494	77	38893	24.514	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	27499	18.587	ug/l	94
28) Bromochloromethane	7.812	49	22527	20.827	ug/l #	21
29) Tetrahydrofuran	7.841	42	54826	91.289	ug/l	90
30) Chloroform	7.971	83	48220	18.290	ug/l	94
31) Cyclohexane	8.259	56	41936	18.498	ug/l	91
32) 1,1,1-Trichloroethane	8.165	97	44447	19.095	ug/l	97
36) 1,1-Dichloropropene	8.371	75	32577	18.603	ug/l	97
37) Ethyl Acetate	7.565	43	34758	18.365	ug/l	98
38) Carbon Tetrachloride	8.359	117	37905	18.507	ug/l	96
39) Methylcyclohexane	9.606	83	35106	19.309	ug/l	96
40) Benzene	8.606	78	105387	18.345	ug/l	98

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062724W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 06:02:21 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	18483	18.939	ug/l	94
42) 1,2-Dichloroethane	8.671	62	38897	18.856	ug/l	100
43) Isopropyl Acetate	8.688	43	60756	18.454	ug/l	94
44) Trichloroethene	9.353	130	23978	17.978	ug/l	94
45) 1,2-Dichloropropane	9.623	63	26795	19.245	ug/l	99
46) Dibromomethane	9.706	93	18871	18.556	ug/l	99
47) Bromodichloromethane	9.888	83	39914	19.261	ug/l #	94
48) Methyl methacrylate	9.682	41	27655	18.987	ug/l	92
49) 1,4-Dioxane	9.694	88	10648	366.309	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	179124	92.530	ug/l	95
52) Toluene	10.635	92	66354	19.670	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	38923	19.859	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	41165	19.978	ug/l	89
55) 1,1,2-Trichloroethane	11.018	97	25223	19.283	ug/l	88
56) Ethyl methacrylate	10.876	69	37527	19.076	ug/l	89
57) 1,3-Dichloropropane	11.165	76	43277	18.823	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	99205	100.095	ug/l	99
59) 2-Hexanone	11.200	43	132123	92.047	ug/l	95
60) Dibromochloromethane	11.359	129	30279	19.087	ug/l	96
61) 1,2-Dibromoethane	11.470	107	24621	17.915	ug/l	97
64) Tetrachloroethene	11.106	164	24069	19.024	ug/l	94
65) Chlorobenzene	11.894	112	69897	18.449	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	25197	19.137	ug/l	98
67) Ethyl Benzene	11.965	91	118053	18.881	ug/l	97
68) m/p-Xylenes	12.076	106	90672	38.974	ug/l	97
69) o-Xylene	12.400	106	43305	19.314	ug/l	94
70) Styrene	12.412	104	72867	19.143	ug/l	98
71) Bromoform	12.582	173	18841	18.298	ug/l #	99
73) Isopropylbenzene	12.700	105	107978	19.383	ug/l	98
74) N-amyl acetate	12.494	43	48024	19.315	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.941	83	34806	17.808	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	31813m	19.094	ug/l	
77) Bromobenzene	12.982	156	27271	19.699	ug/l	97
78) n-propylbenzene	13.035	91	130586	19.853	ug/l	99
79) 2-Chlorotoluene	13.123	91	79478	19.280	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	90782	19.838	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	12792m	20.023	ug/l	
82) 4-Chlorotoluene	13.223	91	79404	19.520	ug/l	97
83) tert-Butylbenzene	13.441	119	76455	19.853	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	93234	20.613	ug/l	99
85) sec-Butylbenzene	13.617	105	106763	19.785	ug/l	100
86) p-Isopropyltoluene	13.729	119	86981	20.119	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	48852	18.428	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	50131	18.169	ug/l	99
89) n-Butylbenzene	14.059	91	73466	19.190	ug/l	98
90) Hexachloroethane	14.335	117	18311	19.075	ug/l	93
91) 1,2-Dichlorobenzene	14.106	146	48024	19.075	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	6697	18.187	ug/l	92
93) 1,2,4-Trichlorobenzene	15.394	180	23614	19.213	ug/l	99
94) Hexachlorobutadiene	15.505	225	10553	18.982	ug/l	95
95) Naphthalene	15.641	128	76267	18.683	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	24844	18.955	ug/l	95

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ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0628WBSD01

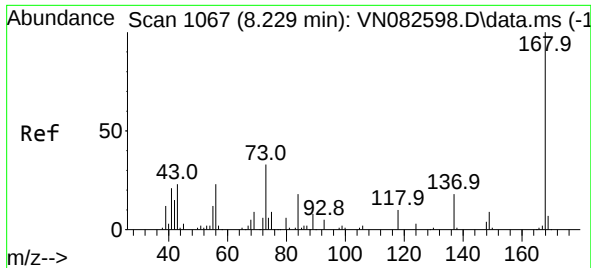
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024

Quant Time: Jun 28 23:03:42 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062724W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 28 06:02:21 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



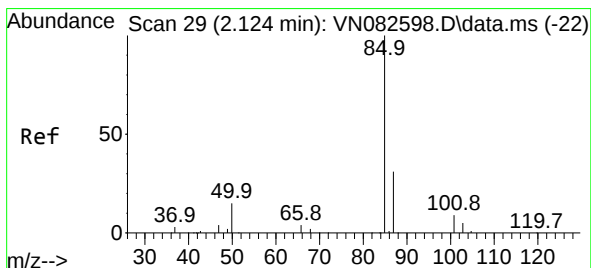
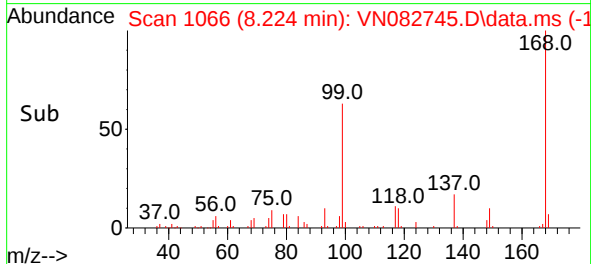
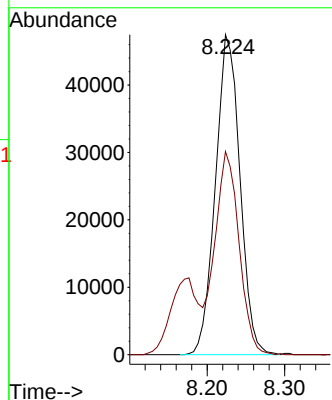
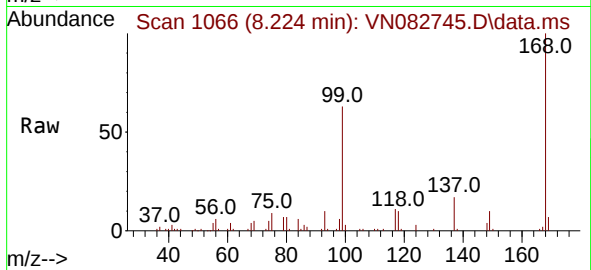
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1067
Delta R.T. -0.005 min
Lab File: VN082745.D
Acq: 28 Jun 2024 12:19

Instrument :
MSVOA_N
ClientSampleId :
VN0628WBSD01

Tgt Ion:168 Resp: 10433
Ion Ratio Lower Upper
168 100
99 63.1 48.2 72.4

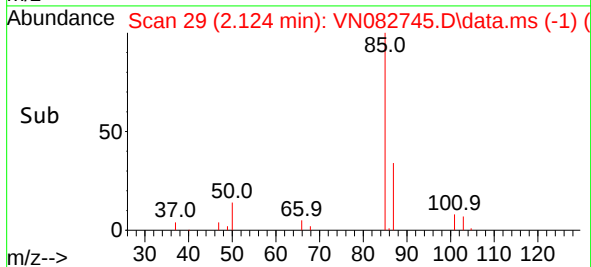
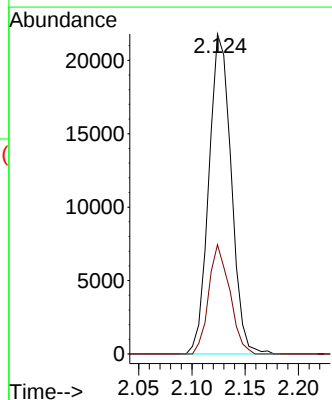
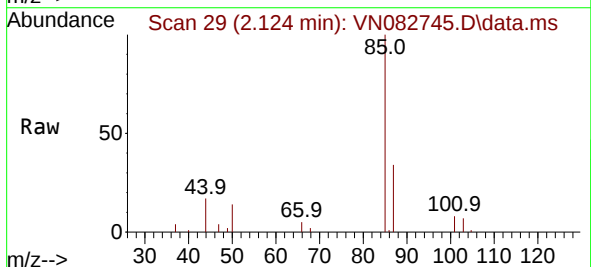
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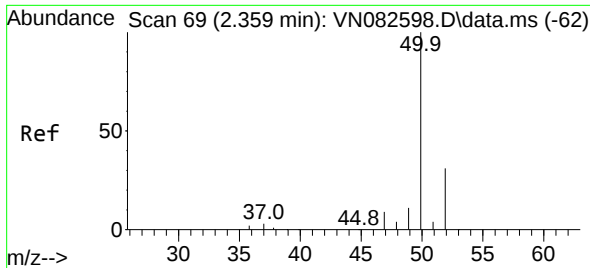
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#2
Dichlorodifluoromethane
Concen: 19.942 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN082745.D
Acq: 28 Jun 2024 12:19

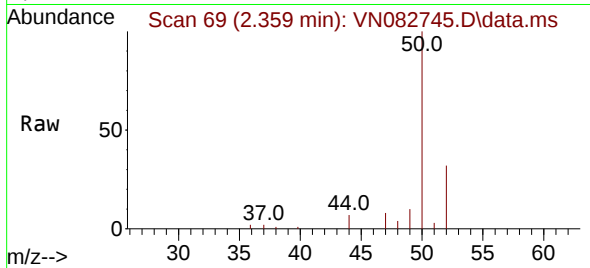
Tgt Ion: 85 Resp: 31763
Ion Ratio Lower Upper
85 100
87 34.2 15.7 47.0





#3
Chloromethane
Concen: 18.737 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN082745.D
Acq: 28 Jun 2024 12:19

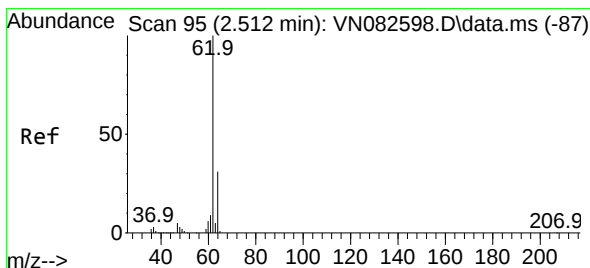
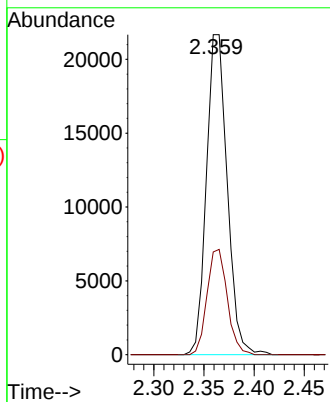
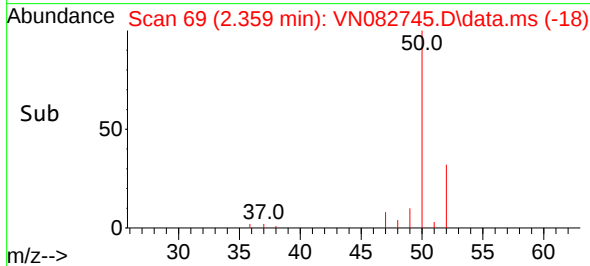
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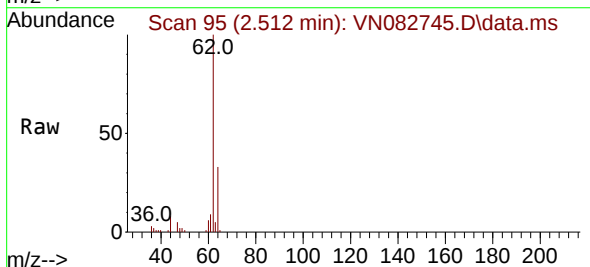
Tgt Ion: 50 Resp: 31230
Ion Ratio Lower Upper
50 100
52 32.1 25.0 37.4

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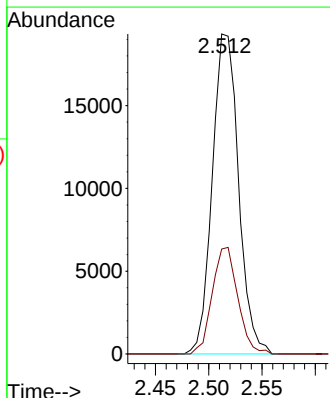
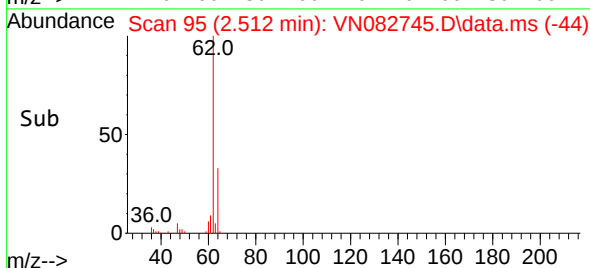
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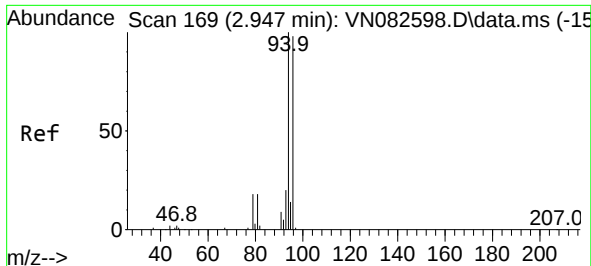


#4
Vinyl Chloride
Concen: 18.723 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN082745.D
Acq: 28 Jun 2024 12:19



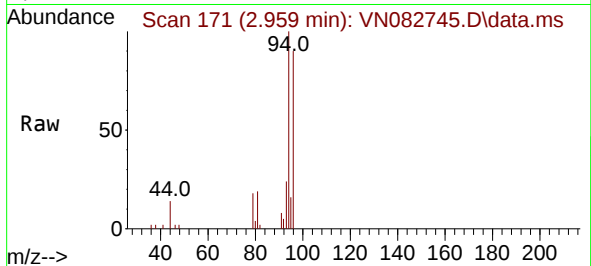
Tgt Ion: 62 Resp: 33074
Ion Ratio Lower Upper
62 100
64 32.8 25.0 37.6





#5
Bromomethane
Concen: 17.350 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN082745.D
Acq: 28 Jun 2024 12:19

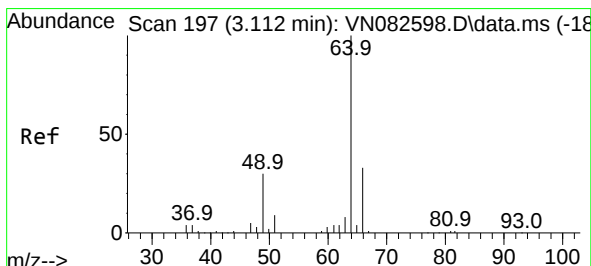
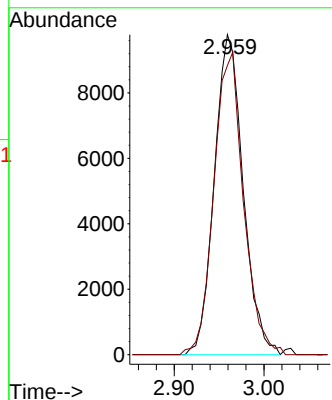
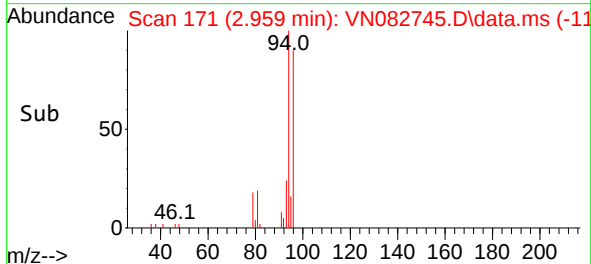
Instrument :
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Tgt Ion: 94 Resp: 2180
Ion Ratio Lower Upper
94 100
96 90.4 78.0 117.0

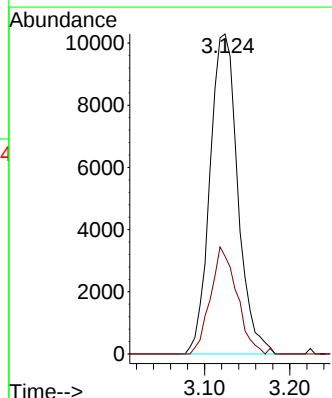
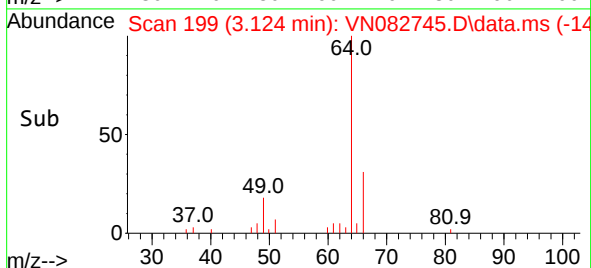
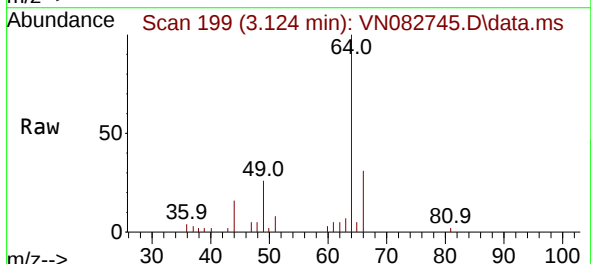
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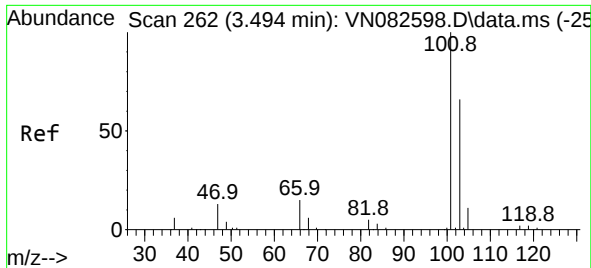
Reviewed By :John Carlone 07/01/2024
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#6
Chloroethane
Concen: 18.752 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.012 min
Lab File: VN082745.D
Acq: 28 Jun 2024 12:19

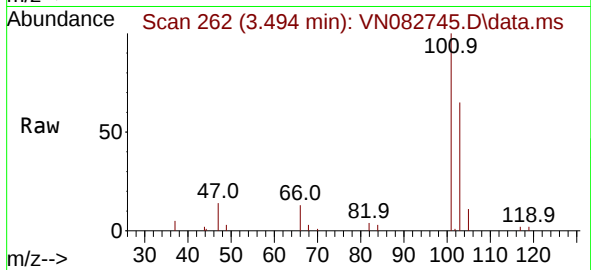
Tgt Ion: 64 Resp: 23364
Ion Ratio Lower Upper
64 100
66 30.5 26.6 40.0





#7
 Trichlorofluoromethane
 Concen: 17.025 ug/l
 RT: 3.494 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN082745.D
 Acq: 28 Jun 2024 12:19

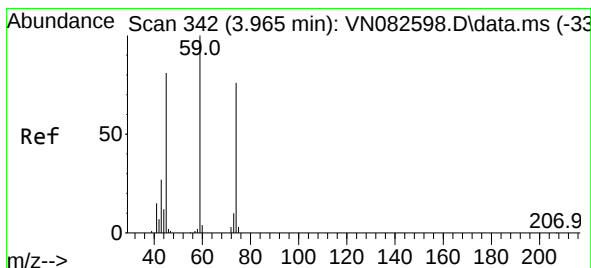
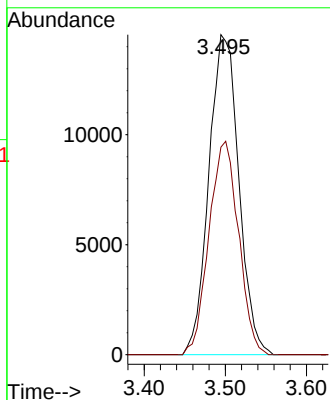
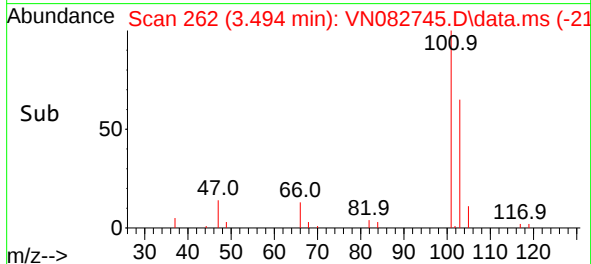
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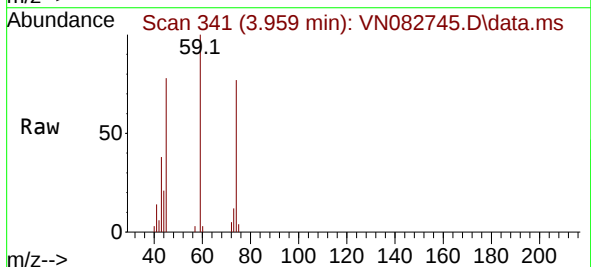
Tgt Ion:101 Resp: 37278
 Ion Ratio Lower Upper
 101 100
 103 64.8 52.7 79.1

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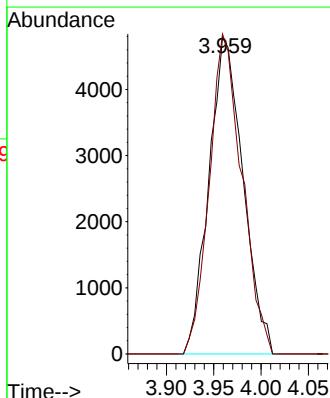
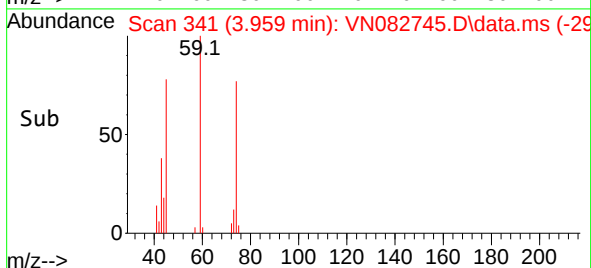
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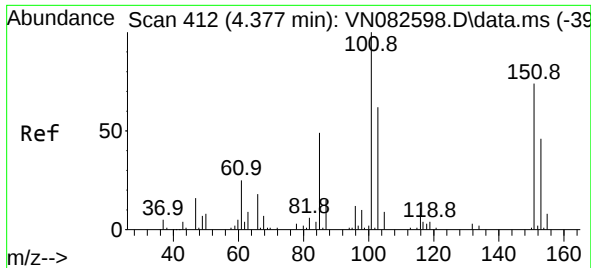


#8
 Diethyl Ether
 Concen: 17.508 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VN082745.D
 Acq: 28 Jun 2024 12:19



Tgt Ion: 74 Resp: 11990
 Ion Ratio Lower Upper
 74 100
 45 96.6 55.5 166.3





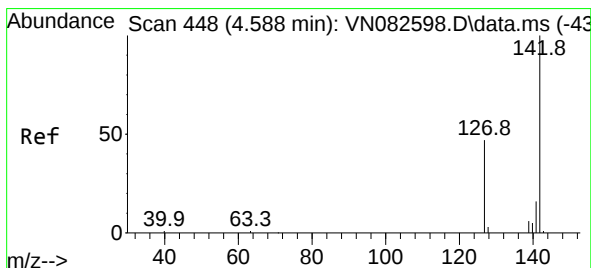
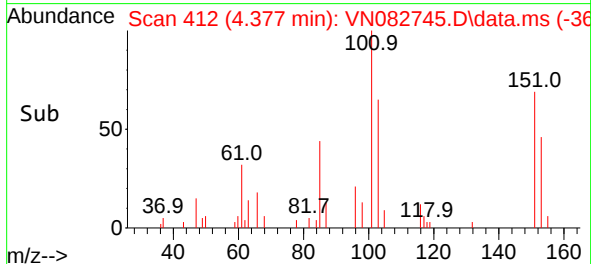
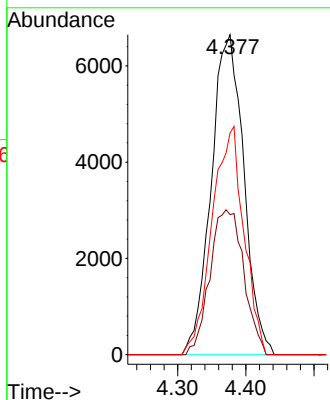
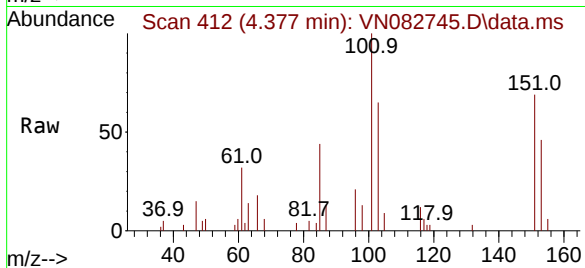
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.695 ug/l
RT: 4.377 min Scan# 412
Delta R.T. -0.000 min
Lab File: VN082745.D
Acq: 28 Jun 2024 12:19

Instrument :
MSVOA_N
ClientSampleId :
VN0628WBSD01

Tgt Ion:101 Resp: 2210
Ion Ratio Lower Upper
101 100
85 47.1 38.3 57.5
151 69.5 59.3 88.9

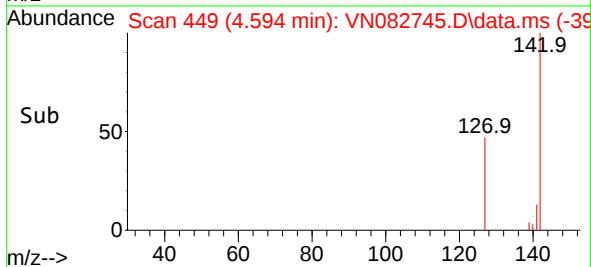
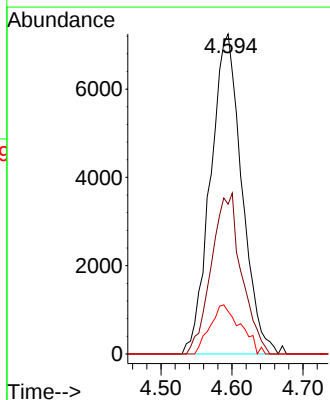
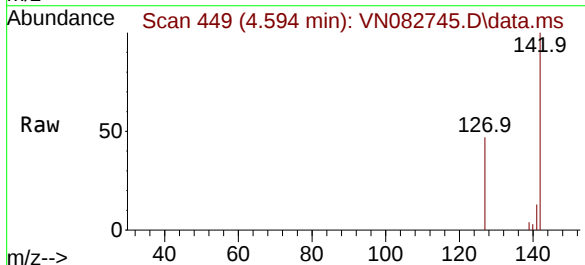
Manual Integrations
APPROVED

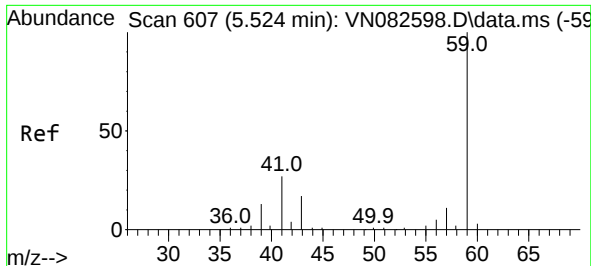
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#10
Methyl Iodide
Concen: 19.379 ug/l
RT: 4.594 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN082745.D
Acq: 28 Jun 2024 12:19

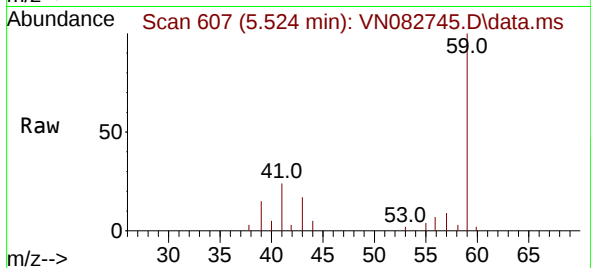
Tgt Ion:142 Resp: 22197
Ion Ratio Lower Upper
142 100
127 46.8 37.5 56.3
141 13.3 13.1 19.7





#11
Tert butyl alcohol
Concen: 88.782 ug/l
RT: 5.524 min Scan# 607
Delta R.T. -0.000 min
Lab File: VN082745.D
Acq: 28 Jun 2024 12:19

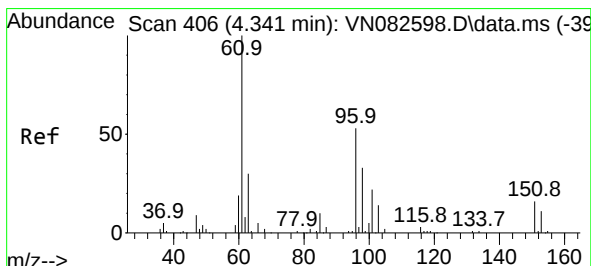
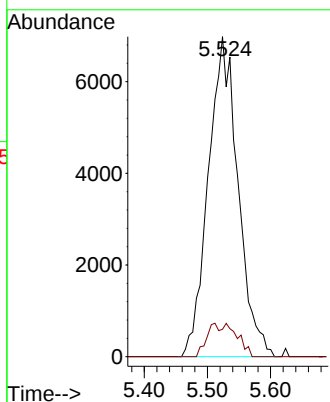
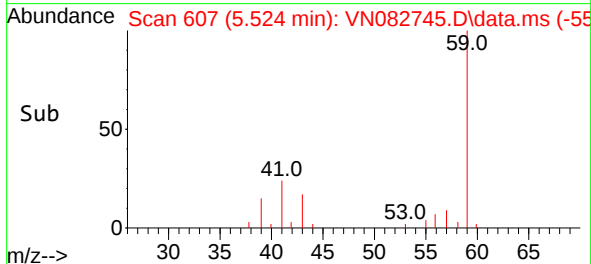
Instrument :
MSVOA_N
ClientSampleId :
VN0628WBSD01



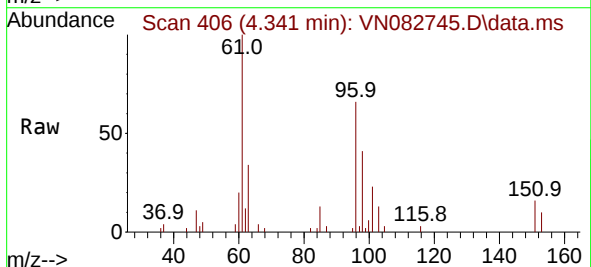
Tgt Ion: 59 Resp: 22818
Ion Ratio Lower Upper
59 100
57 4.5 8.9 13.3

Manual Integrations
APPROVED

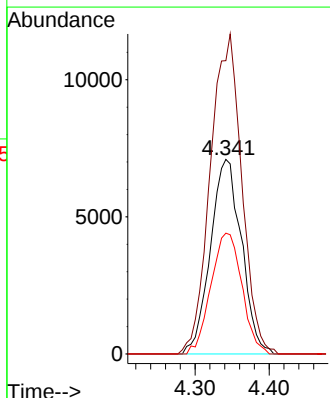
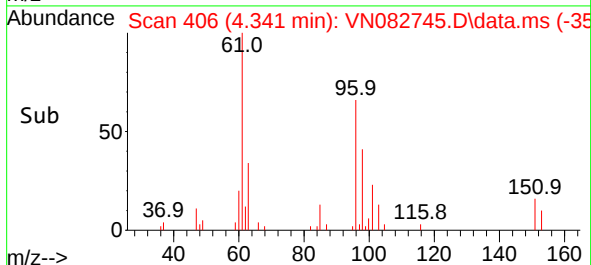
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024

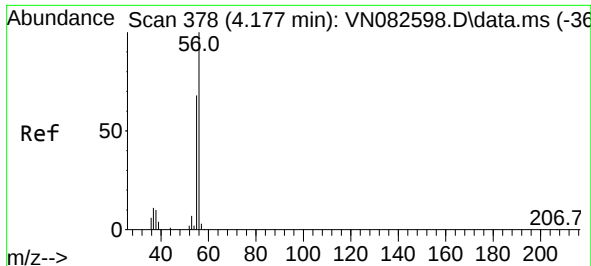


#12
1,1-Dichloroethene
Concen: 17.703 ug/l
RT: 4.341 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN082745.D
Acq: 28 Jun 2024 12:19



Tgt Ion: 96 Resp: 20629
Ion Ratio Lower Upper
96 100
61 150.7 149.7 224.5
98 62.1 50.1 75.1





#13

Acrolein

Concen: 100.007 ug/l

RT: 4.189 min Scan# 378

Delta R.T. 0.012 min

Lab File: VN082745.D

Acq: 28 Jun 2024 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN0628WBSD01

Tgt Ion: 56 Resp: 1563

Ion Ratio Lower Upper

56 100

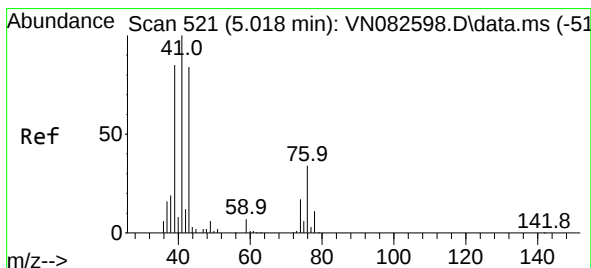
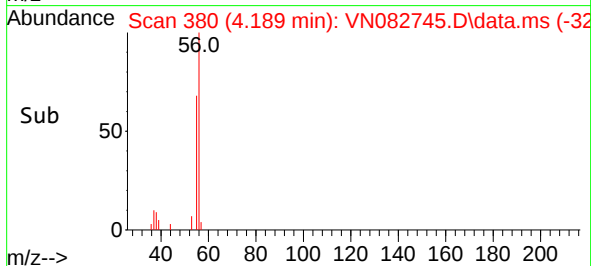
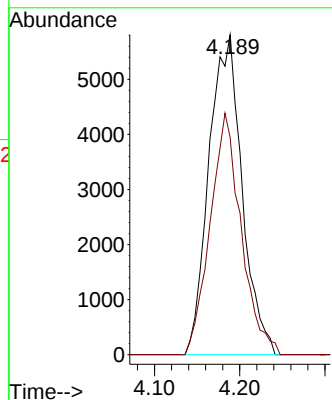
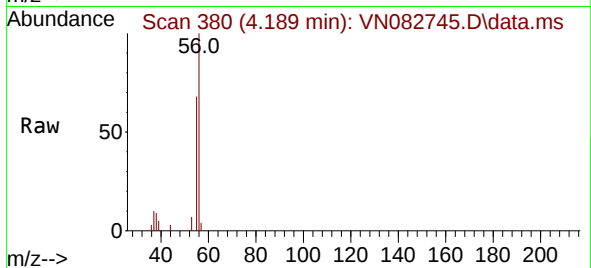
55 71.0 56.4 84.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/01/2024

Supervised By :Mahesh Dadoda 07/01/2024



#14

Allyl chloride

Concen: 19.996 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN082745.D

Acq: 28 Jun 2024 12:19

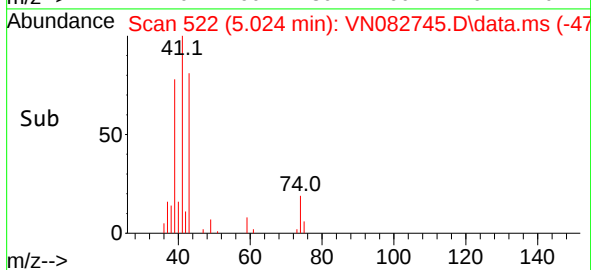
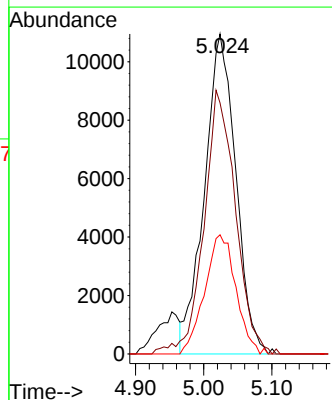
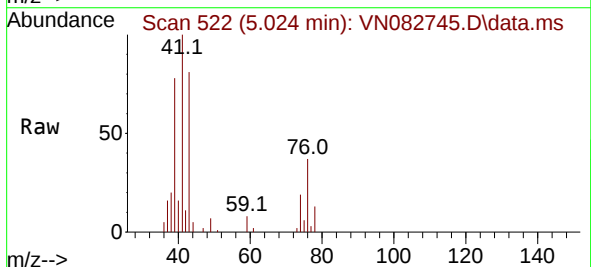
Tgt Ion: 41 Resp: 35009

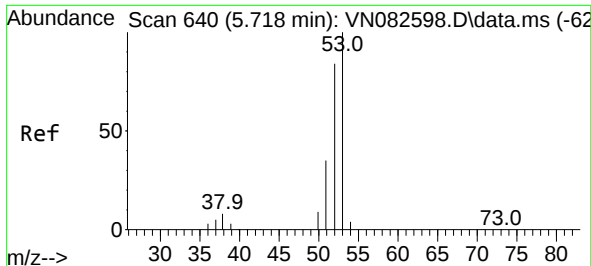
Ion Ratio Lower Upper

41 100

39 82.8 67.8 101.6

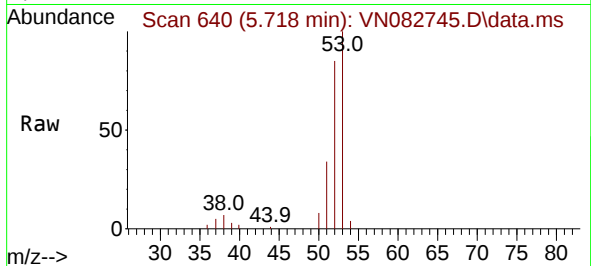
76 37.1 25.8 38.8





#15
Acrylonitrile
Concen: 90.444 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN082745.D
Acq: 28 Jun 2024 12:19

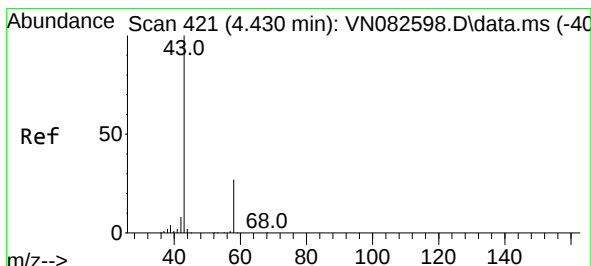
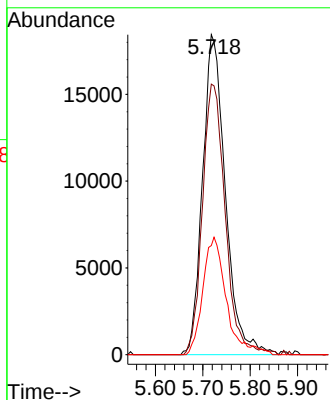
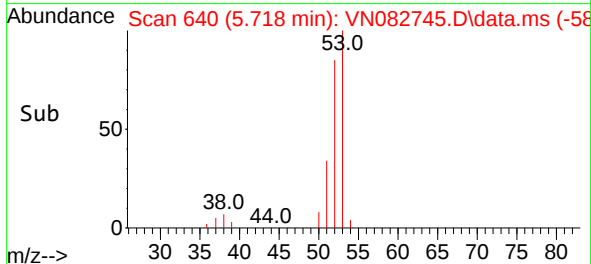
Instrument :
MSVOA_N
ClientSampleId :
VN0628WBSD01



Tgt Ion: 53 Resp: 6183
Ion Ratio Lower Upper
53 100
52 84.4 66.6 100.0
51 36.4 30.1 45.1

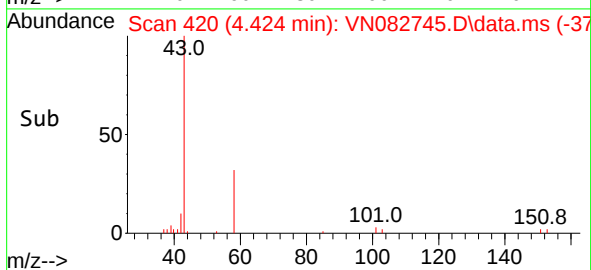
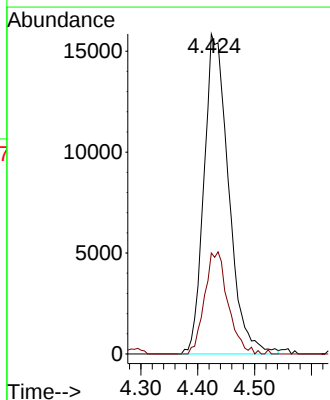
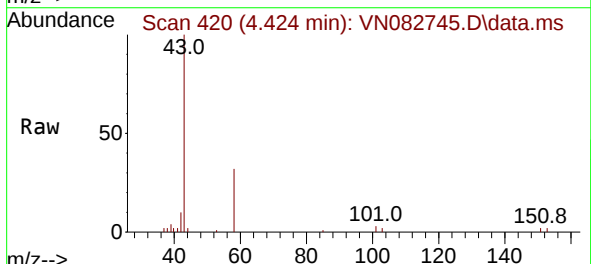
Manual Integrations
APPROVED

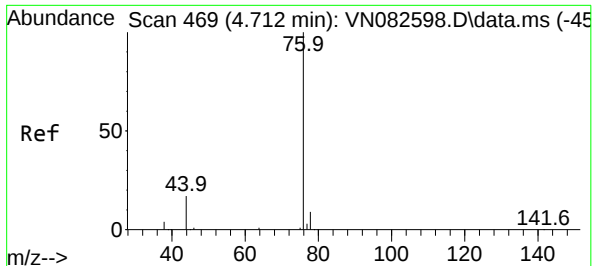
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#16
Acetone
Concen: 78.265 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN082745.D
Acq: 28 Jun 2024 12:19

Tgt Ion: 43 Resp: 47712
Ion Ratio Lower Upper
43 100
58 31.5 21.8 32.6





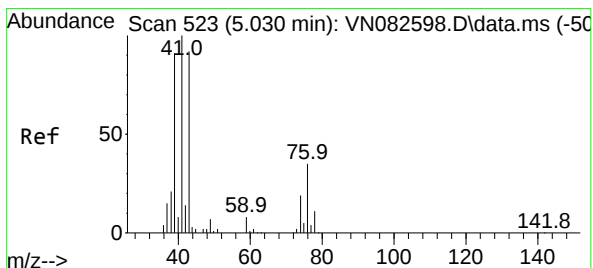
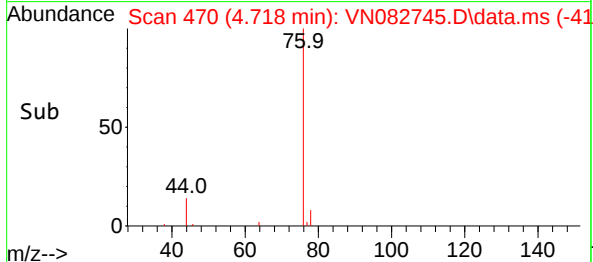
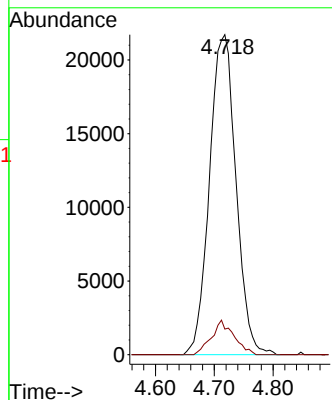
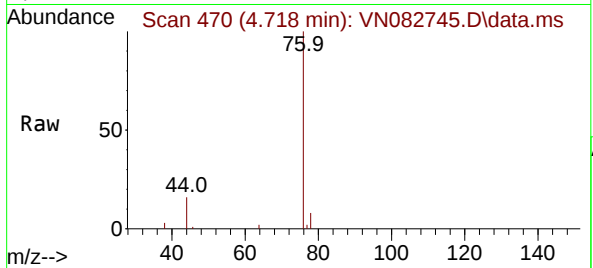
#17
Carbon Disulfide
Concen: 17.797 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN082745.D
Acq: 28 Jun 2024 12:19

Instrument :
MSVOA_N
ClientSampleId :
VN0628WBSD01

Tgt Ion: 76 Resp: 6792
Ion Ratio Lower Upper
76 100
78 8.0 7.2 10.8

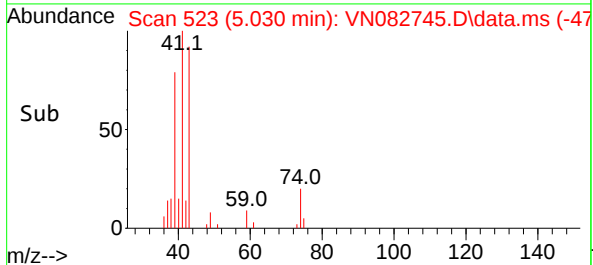
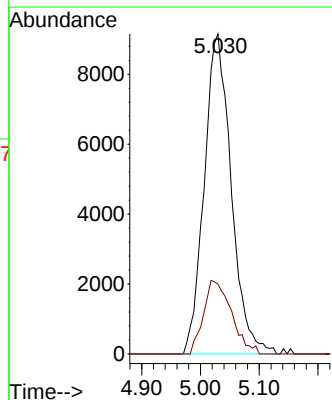
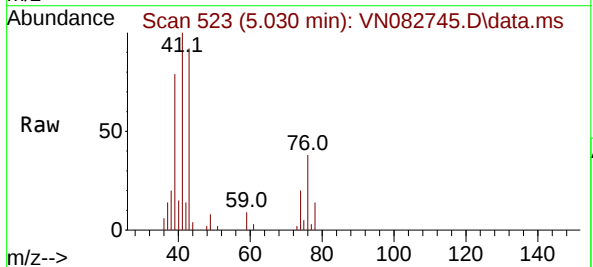
Manual Integrations
APPROVED

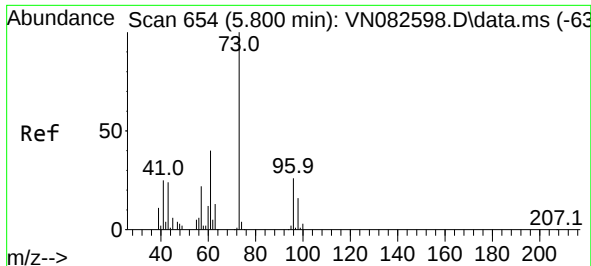
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#18
Methyl Acetate
Concen: 18.031 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.000 min
Lab File: VN082745.D
Acq: 28 Jun 2024 12:19

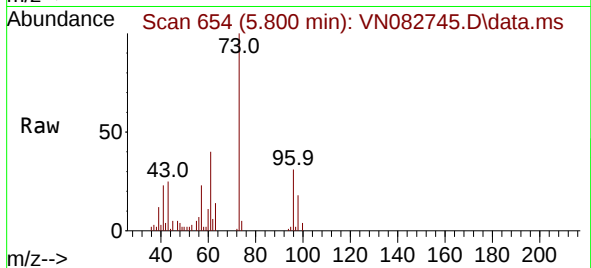
Tgt Ion: 43 Resp: 29222
Ion Ratio Lower Upper
43 100
74 23.7 16.3 24.5





#19
Methyl tert-butyl Ether
Concen: 18.804 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN082745.D
Acq: 28 Jun 2024 12:19

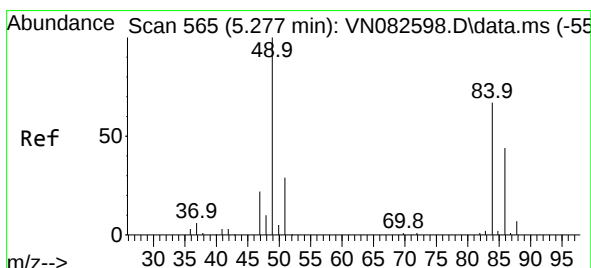
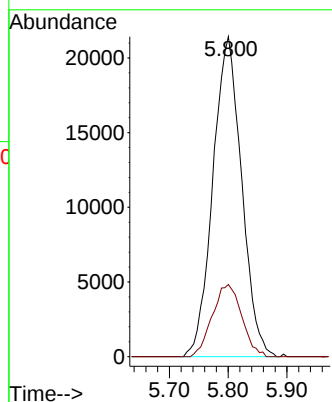
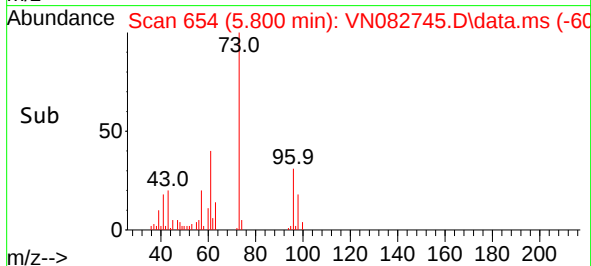
Instrument :
MSVOA_N
ClientSampleId :
VN0628WBSD01



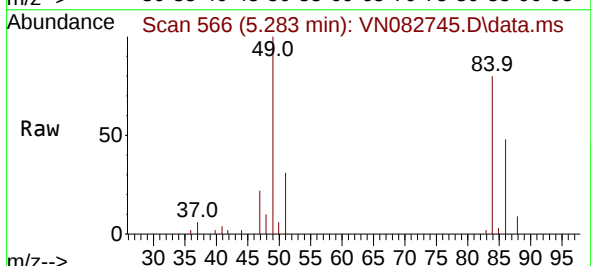
Tgt Ion: 73 Resp: 72652
Ion Ratio Lower Upper
73 100
57 22.5 17.9 26.9

Manual Integrations
APPROVED

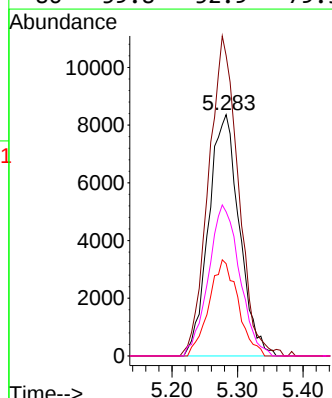
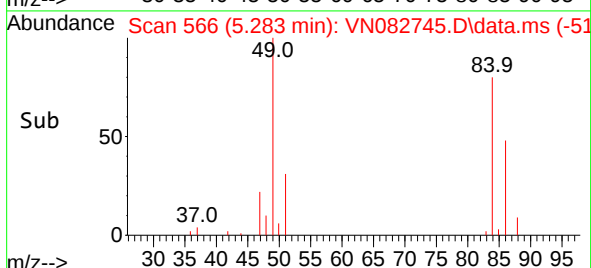
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024

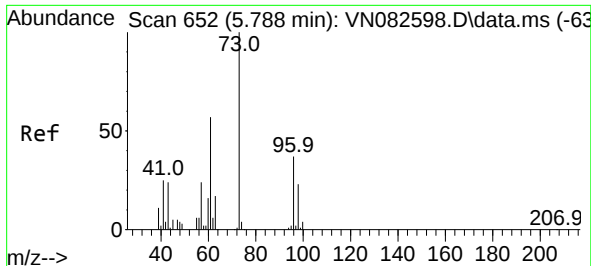


#20
Methylene Chloride
Concen: 17.599 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN082745.D
Acq: 28 Jun 2024 12:19



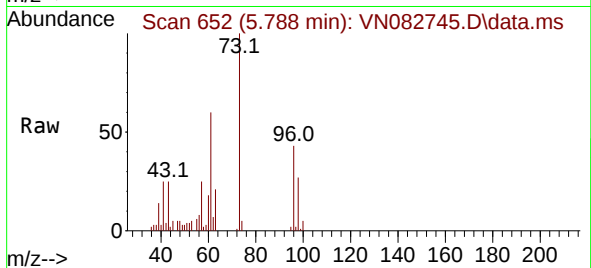
Tgt Ion: 84 Resp: 27149
Ion Ratio Lower Upper
84 100
49 124.5 119.6 179.4
51 38.2 34.8 52.2
86 59.8 52.9 79.3





#21
trans-1,2-Dichloroethene
Concen: 18.943 ug/l
RT: 5.788 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN082745.D
Acq: 28 Jun 2024 12:19

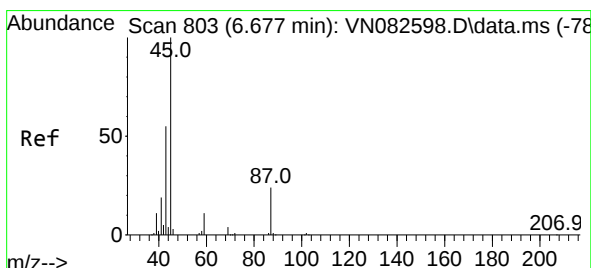
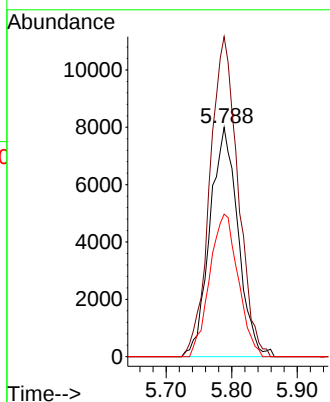
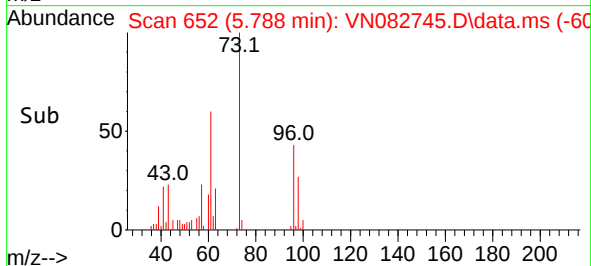
Instrument :
MSVOA_N
ClientSampleId :
VN0628WBSD01



Tgt Ion: 96 Resp: 23820
Ion Ratio Lower Upper
96 100
61 139.6 123.4 185.2
98 62.2 49.3 73.9

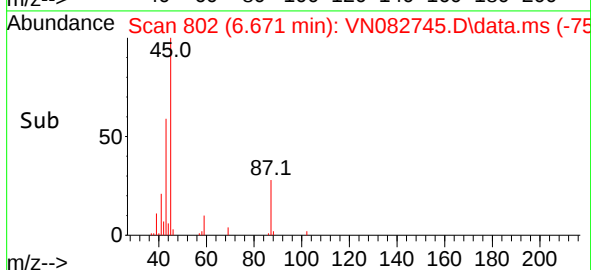
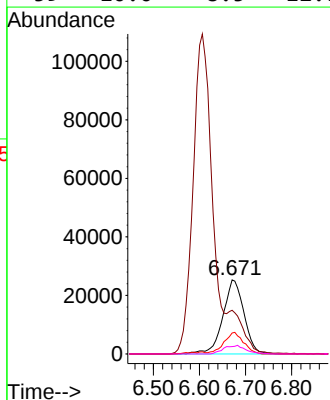
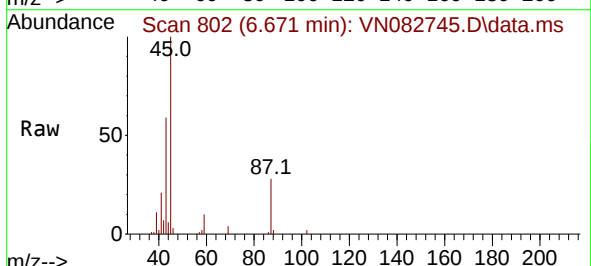
Manual Integrations
APPROVED

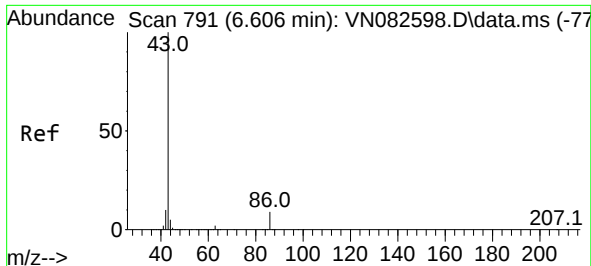
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#22
Diisopropyl ether
Concen: 19.692 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.006 min
Lab File: VN082745.D
Acq: 28 Jun 2024 12:19

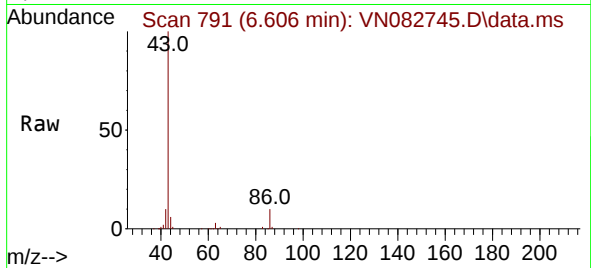
Tgt Ion: 45 Resp: 80212
Ion Ratio Lower Upper
45 100
43 57.6 44.0 66.0
87 28.3 19.7 29.5
59 10.0 8.5 12.7





#23
 Vinyl Acetate
 Concen: 96.335 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN082745.D
 Acq: 28 Jun 2024 12:19

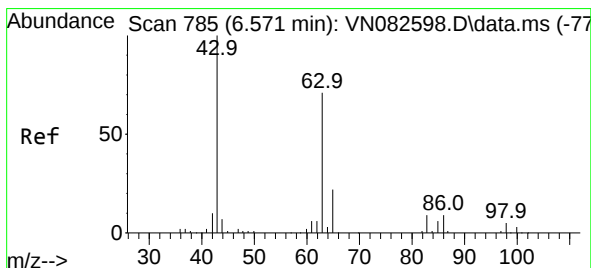
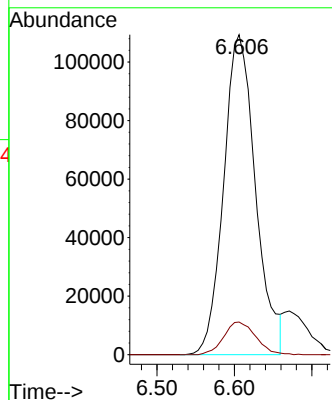
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0628WBSD01



Tgt Ion: 43 Resp: 31330
 Ion Ratio Lower Upper
 43 100
 86 10.2 7.3 10.9

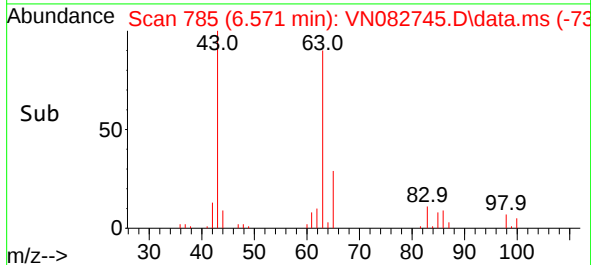
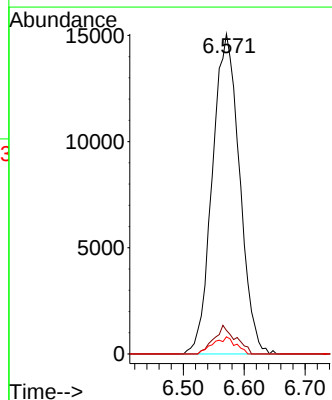
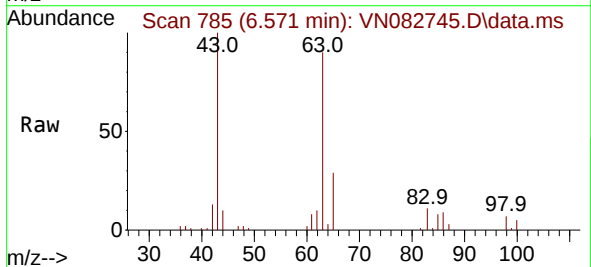
Manual Integrations
 APPROVED

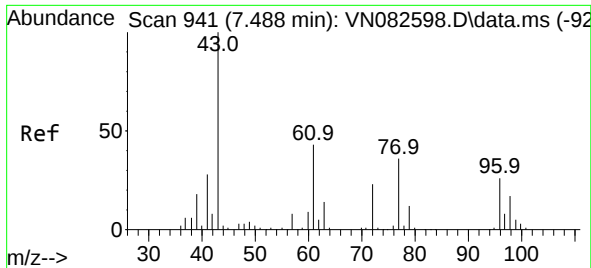
Reviewed By :John Carlone 07/01/2024
 Supervised By :Mahesh Dadoda 07/01/2024



#24
 1,1-Dichloroethane
 Concen: 18.896 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: VN082745.D
 Acq: 28 Jun 2024 12:19

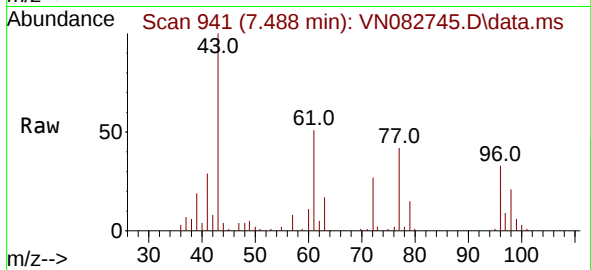
Tgt Ion: 63 Resp: 46728
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.3 9.9
 100 5.4 2.0 6.0





#25
2-Butanone
Concen: 88.406 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN082745.D
Acq: 28 Jun 2024 12:19

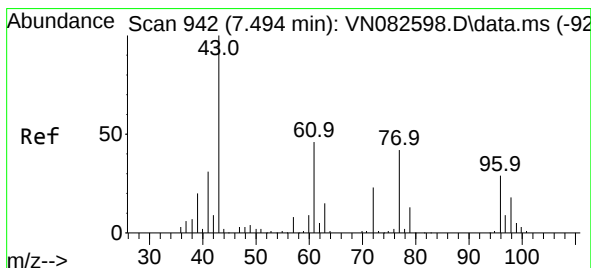
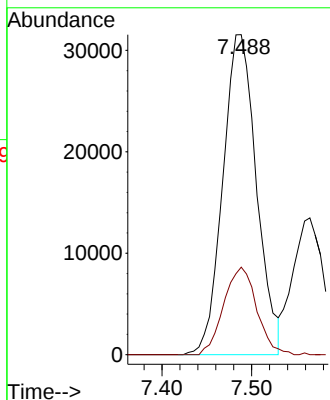
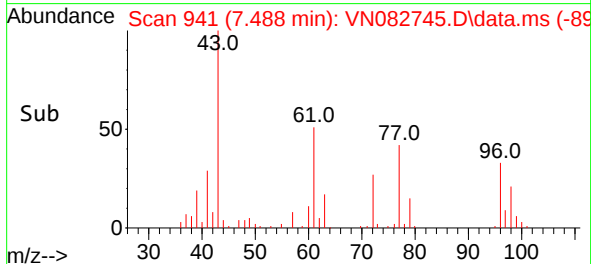
Instrument :
MSVOA_N
ClientSampleId :
VN0628WBSD01



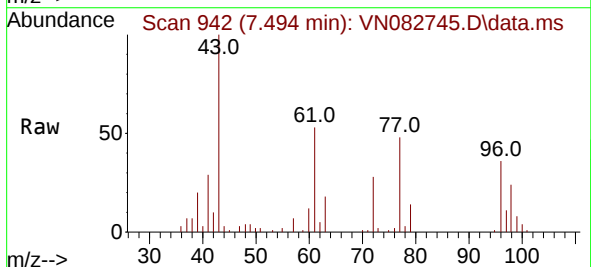
Tgt Ion: 43 Resp: 82339
Ion Ratio Lower Upper
43 100
72 27.3 18.2 27.2

Manual Integrations
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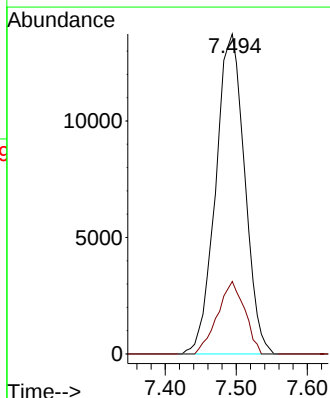
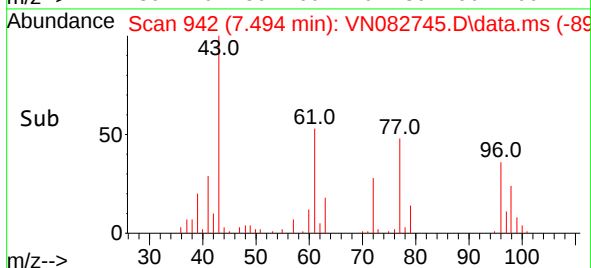
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024

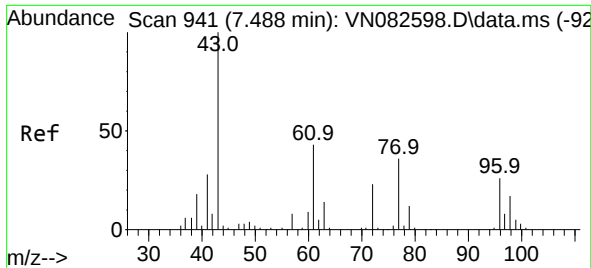


#26
2,2-Dichloropropane
Concen: 24.514 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN082745.D
Acq: 28 Jun 2024 12:19



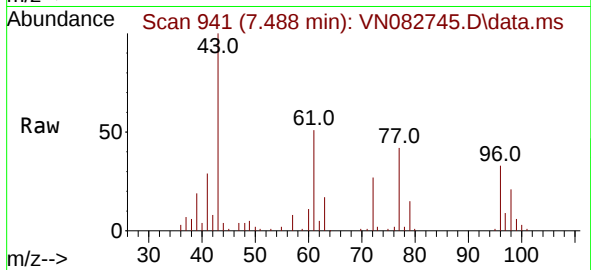
Tgt Ion: 77 Resp: 38893
Ion Ratio Lower Upper
77 100
97 21.3 10.3 30.9





#27
 cis-1,2-Dichloroethene
 Concen: 18.587 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN082745.D
 Acq: 28 Jun 2024 12:19

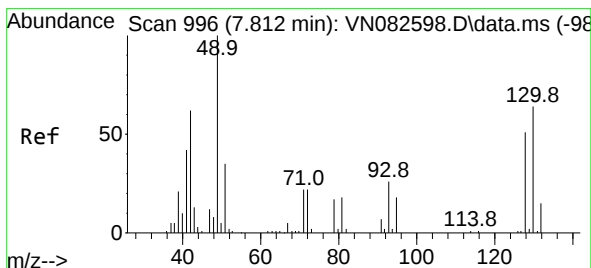
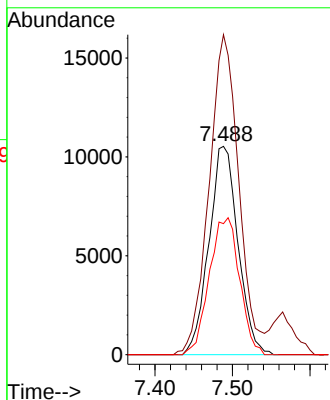
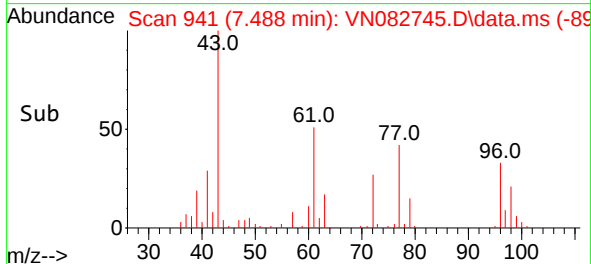
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0628WBSD01



Tgt Ion: 96 Resp: 27499
 Ion Ratio Lower Upper
 96 100
 61 156.6 0.0 329.6
 98 68.4 0.0 128.6

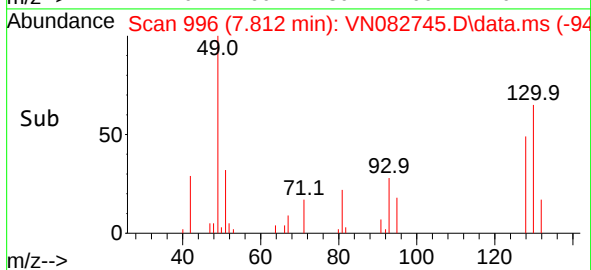
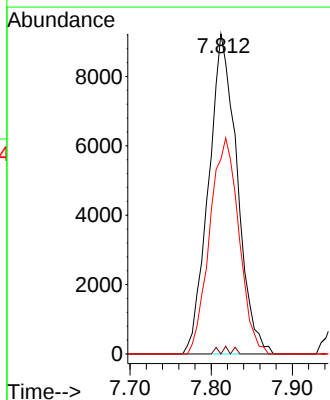
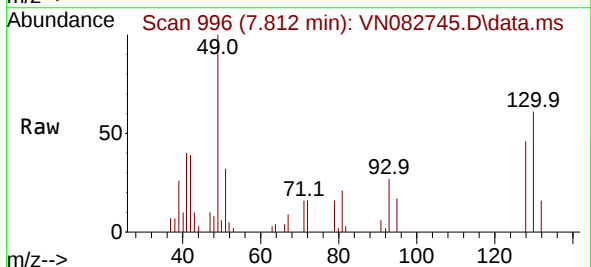
Manual Integrations
 APPROVED

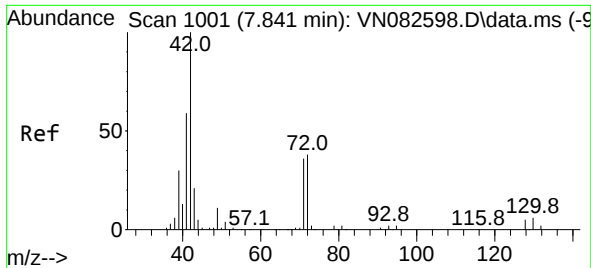
Reviewed By :John Carlone 07/01/2024
 Supervised By :Mahesh Dadoda 07/01/2024



#28
 Bromochloromethane
 Concen: 20.827 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VN082745.D
 Acq: 28 Jun 2024 12:19

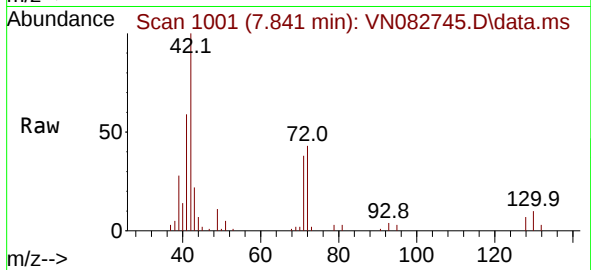
Tgt Ion: 49 Resp: 22527
 Ion Ratio Lower Upper
 49 100
 129 0.3 0.0 3.8
 130 0.0 50.5 75.7#





#29
Tetrahydrofuran
Concen: 91.289 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VN082745.D
Acq: 28 Jun 2024 12:19

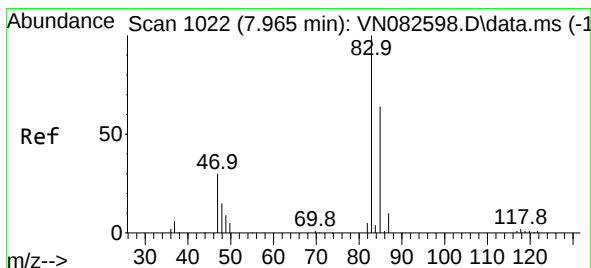
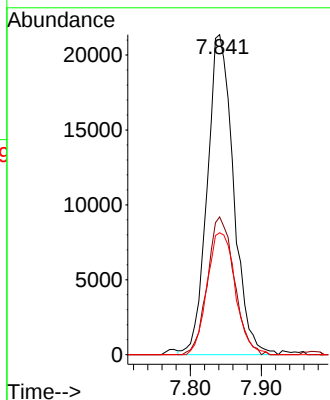
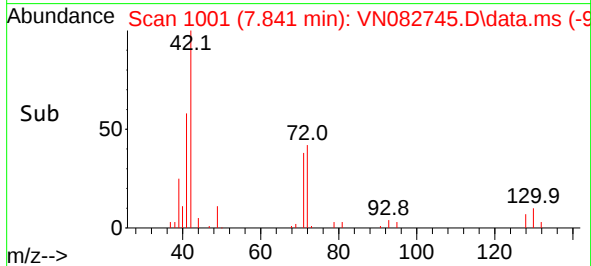
Instrument :
MSVOA_N
ClientSampleId :
VN0628WBSD01



Tgt Ion: 42 Resp: 54820
Ion Ratio Lower Upper
42 100
72 43.9 30.0 45.0
71 41.0 28.3 42.5

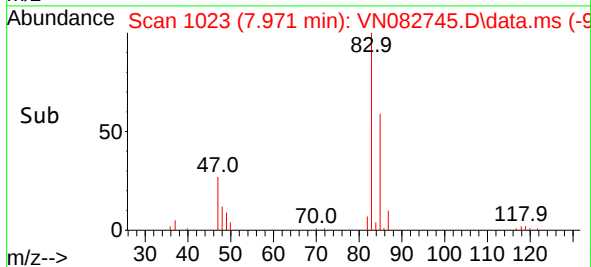
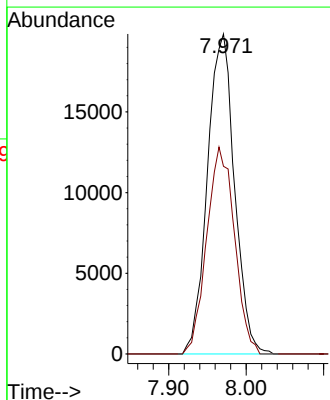
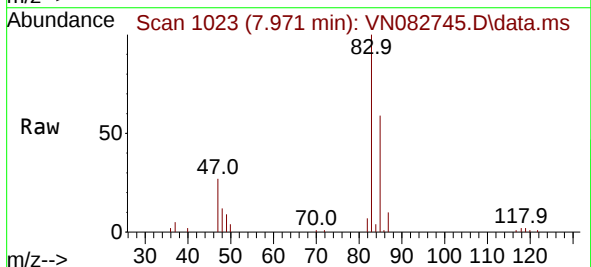
Manual Integrations
APPROVED

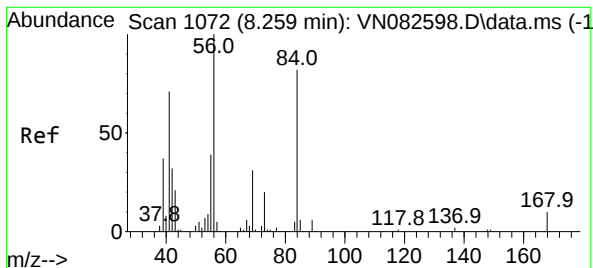
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#30
Chloroform
Concen: 18.290 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.006 min
Lab File: VN082745.D
Acq: 28 Jun 2024 12:19

Tgt Ion: 83 Resp: 48220
Ion Ratio Lower Upper
83 100
85 58.7 50.9 76.3





#31

Cyclohexane

Concen: 18.498 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. -0.000 min

Lab File: VN082745.D

Acq: 28 Jun 2024 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN0628WBSD01

Tgt Ion: 56 Resp: 41930

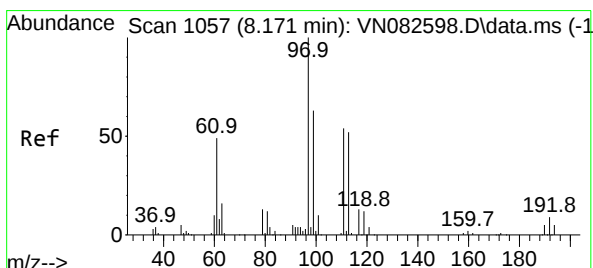
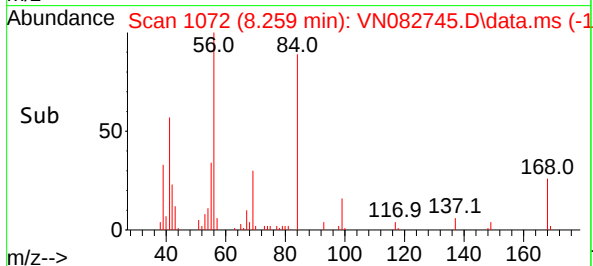
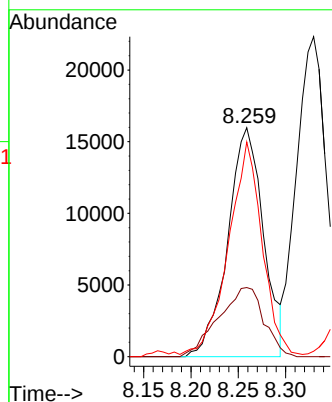
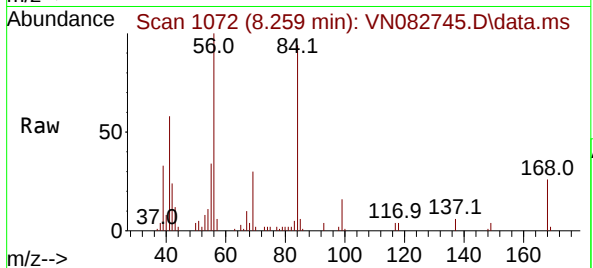
Ion	Ratio	Lower	Upper
56	100		
69	30.2	24.5	36.7
84	92.8	66.0	99.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/01/2024

Supervised By :Mahesh Dadoda 07/01/2024



#32

1,1,1-Trichloroethane

Concen: 19.095 ug/l

RT: 8.165 min Scan# 1056

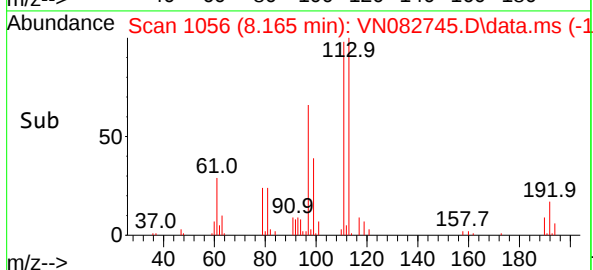
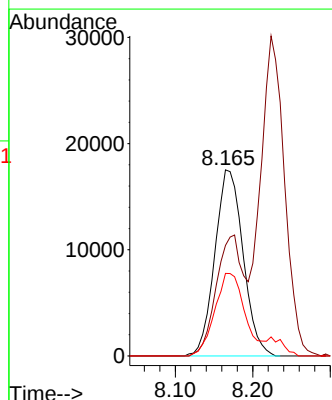
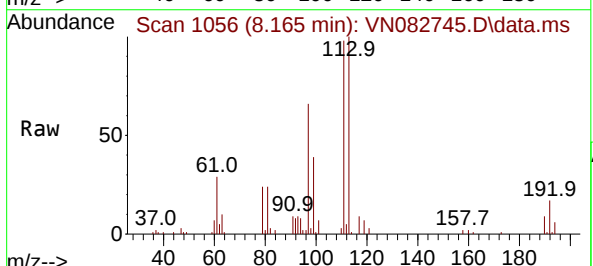
Delta R.T. -0.006 min

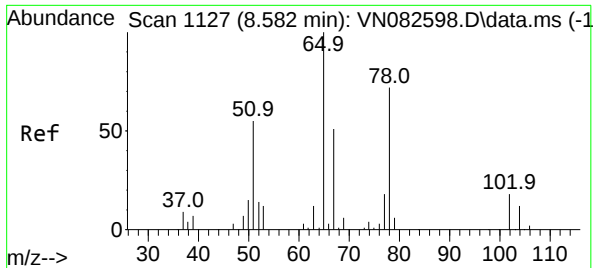
Lab File: VN082745.D

Acq: 28 Jun 2024 12:19

Tgt Ion: 97 Resp: 44447

Ion	Ratio	Lower	Upper
97	100		
99	63.9	52.0	78.0
61	48.3	42.1	63.1





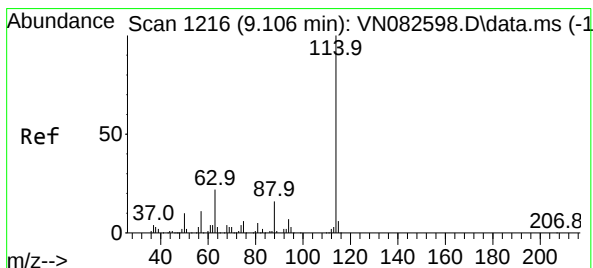
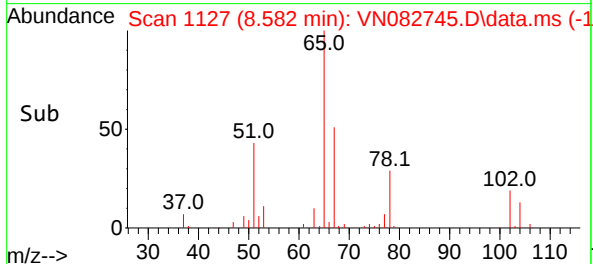
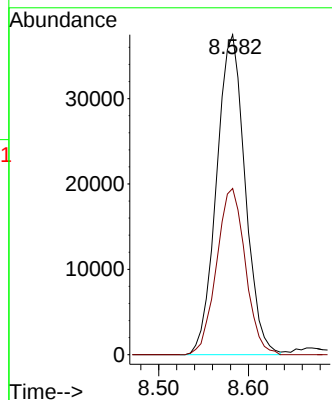
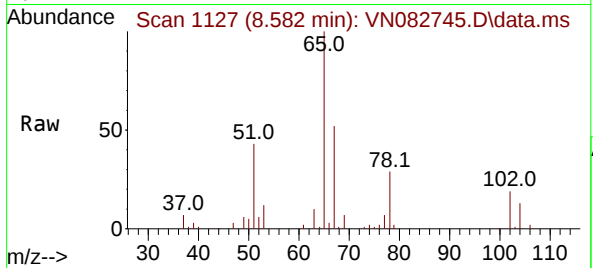
#33
 1,2-Dichloroethane-d4
 Concen: 51.463 ug/l
 RT: 8.582 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VN082745.D
 Acq: 28 Jun 2024 12:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0628WBSD01

Tgt Ion: 65 Resp: 82800
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 104.4

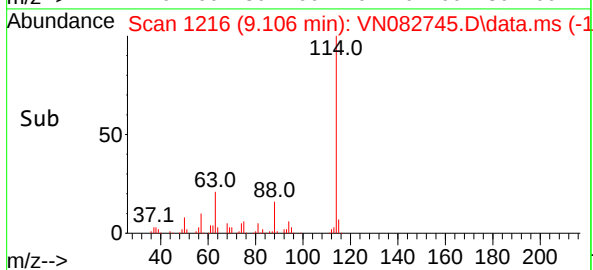
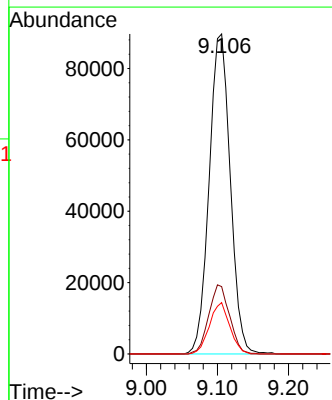
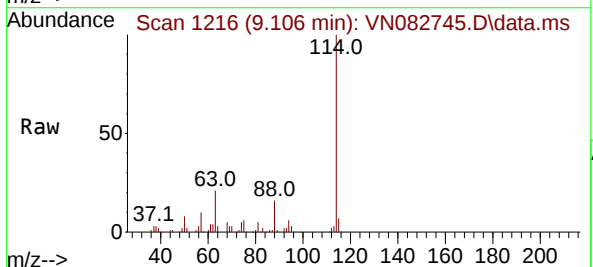
Manual Integrations
 APPROVED

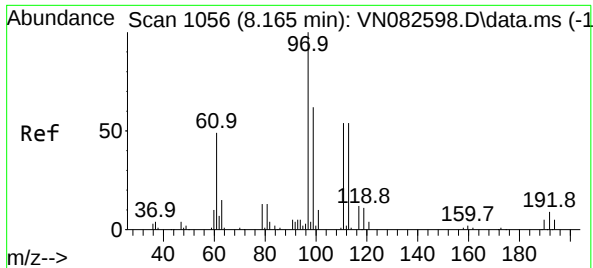
Reviewed By :John Carlone 07/01/2024
 Supervised By :Mahesh Dadoda 07/01/2024



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. -0.000 min
 Lab File: VN082745.D
 Acq: 28 Jun 2024 12:19

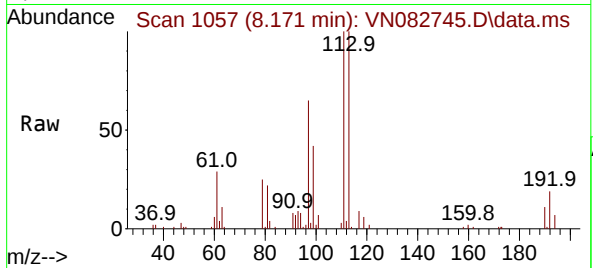
Tgt Ion:114 Resp: 185044
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 44.6
 88 16.1 0.0 31.4





#35
Dibromofluoromethane
Concen: 53.186 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN082745.D
Acq: 28 Jun 2024 12:19

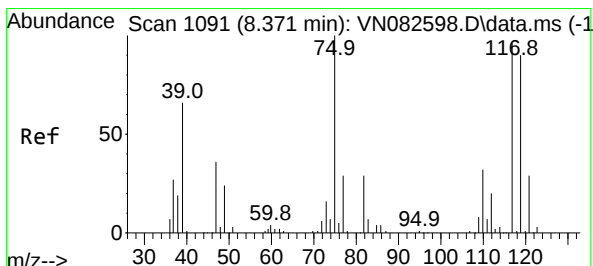
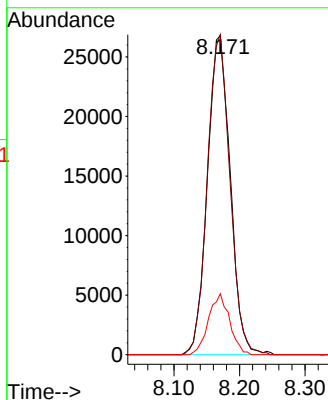
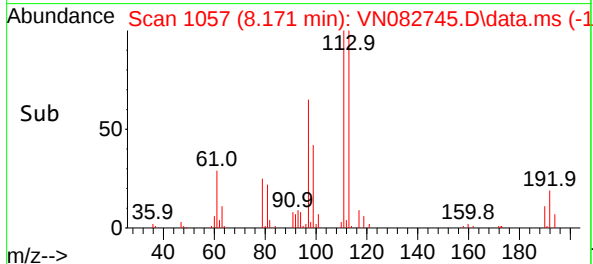
Instrument :
MSVOA_N
ClientSampleId :
VN0628WBSD01



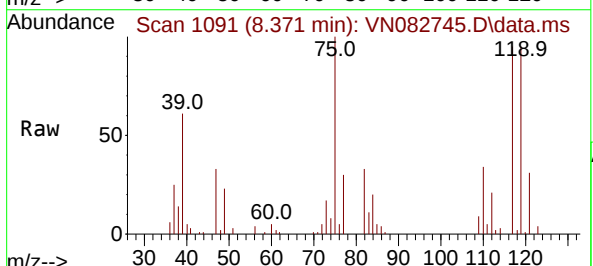
Tgt Ion:113 Resp: 64798
Ion Ratio Lower Upper
113 100
111 99.3 82.4 123.6
192 17.6 14.9 22.3

Manual Integrations
APPROVED

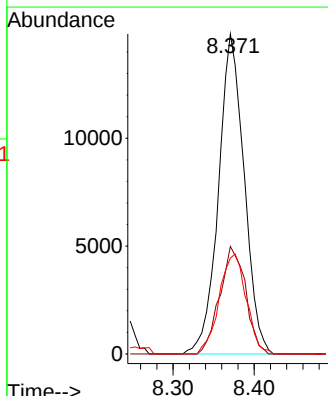
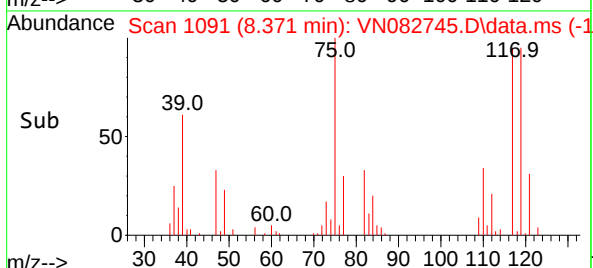
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024

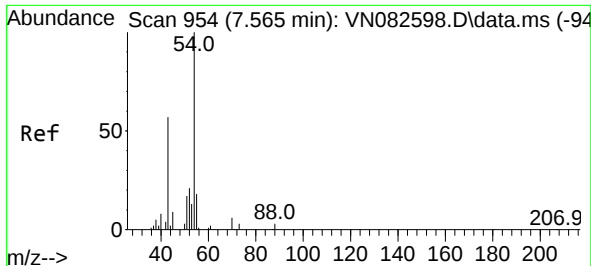


#36
1,1-Dichloropropene
Concen: 18.603 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN082745.D
Acq: 28 Jun 2024 12:19



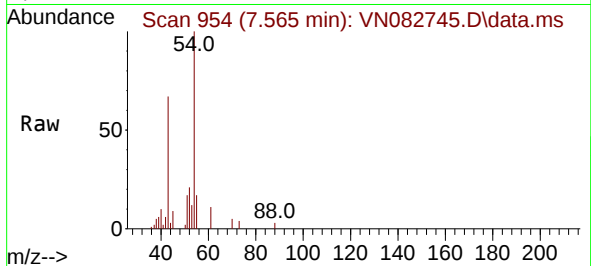
Tgt Ion: 75 Resp: 32577
Ion Ratio Lower Upper
75 100
110 33.8 16.3 48.9
77 32.9 24.6 37.0





#37
Ethyl Acetate
Concen: 18.365 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN082745.D
Acq: 28 Jun 2024 12:19

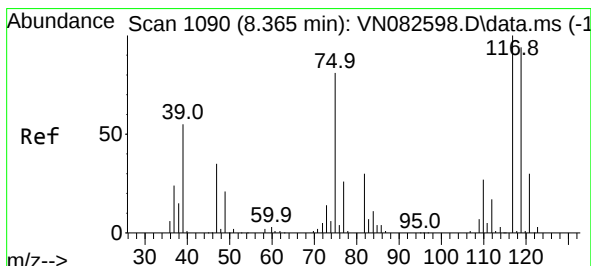
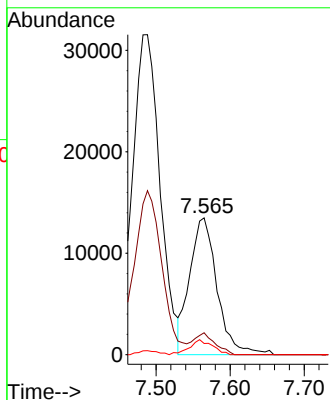
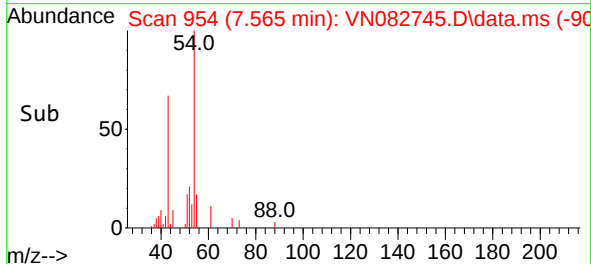
Instrument :
MSVOA_N
ClientSampleId :
VN0628WBSD01



Tgt Ion: 43 Resp: 34758
Ion Ratio Lower Upper
43 100
61 12.4 9.3 13.9
70 9.1 7.0 10.6

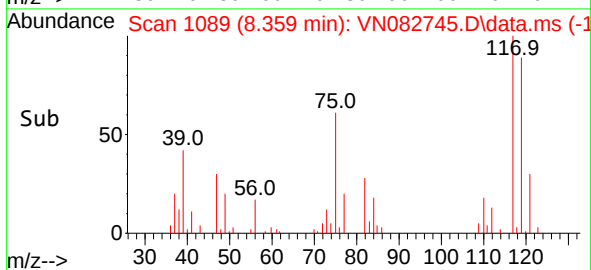
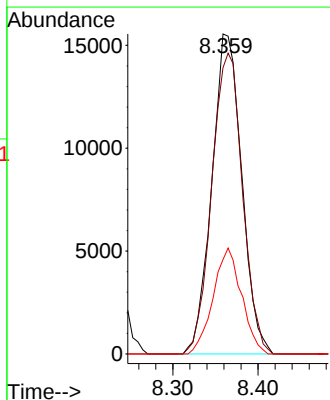
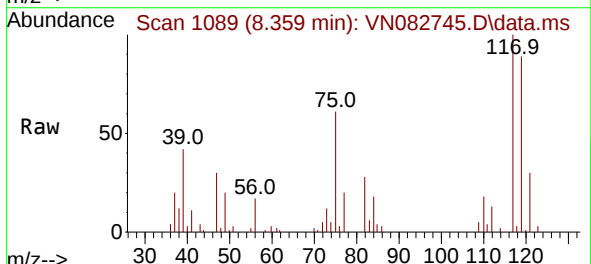
Manual Integrations
APPROVED

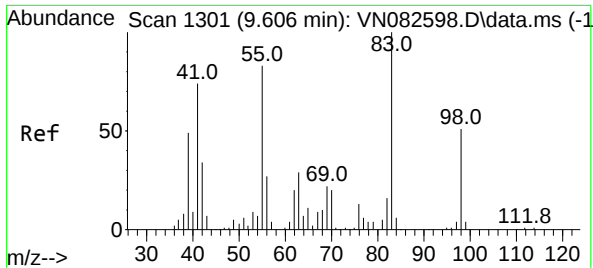
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#38
Carbon Tetrachloride
Concen: 18.507 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VN082745.D
Acq: 28 Jun 2024 12:19

Tgt Ion:117 Resp: 37905
Ion Ratio Lower Upper
117 100
119 89.4 74.9 112.3
121 29.5 24.3 36.5





#39

Methylcyclohexane

Concen: 19.309 ug/l

RT: 9.606 min Scan# 11301

Delta R.T. -0.000 min

Lab File: VN082745.D

Acq: 28 Jun 2024 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN0628WBSD01

Tgt Ion: 83 Resp: 35100

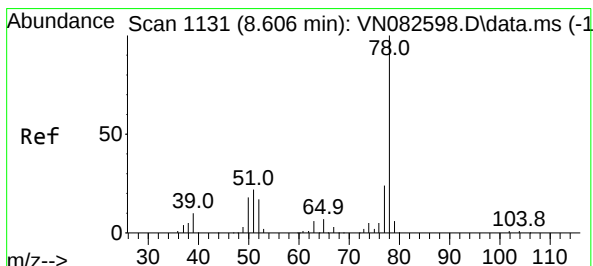
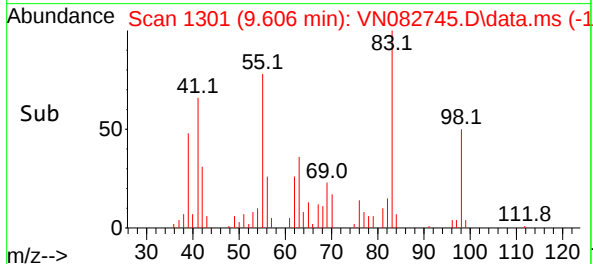
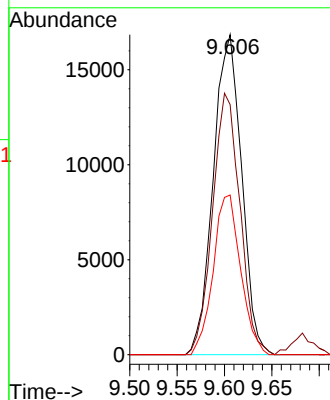
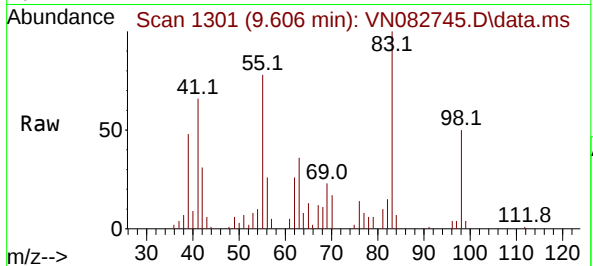
Ion	Ratio	Lower	Upper
83	100		
55	78.2	66.4	99.6
98	49.9	40.7	61.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/01/2024

Supervised By :Mahesh Dadoda 07/01/2024



#40

Benzene

Concen: 18.345 ug/l

RT: 8.606 min Scan# 1131

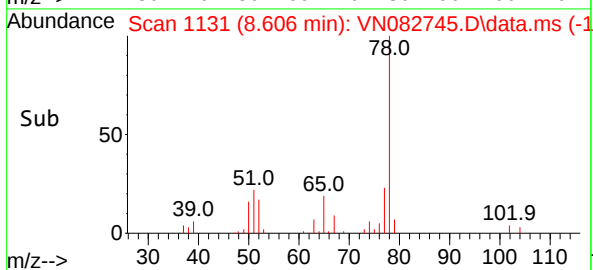
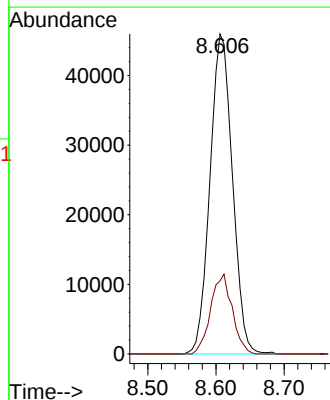
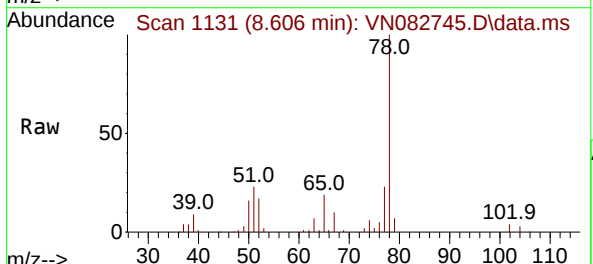
Delta R.T. -0.000 min

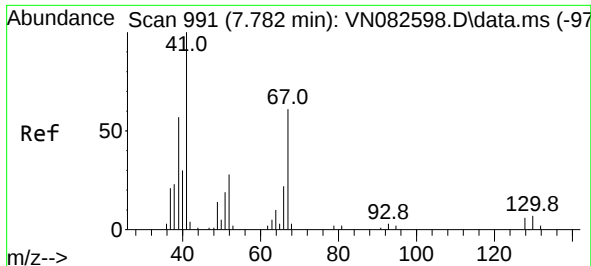
Lab File: VN082745.D

Acq: 28 Jun 2024 12:19

Tgt Ion: 78 Resp: 105387

Ion	Ratio	Lower	Upper
78	100		
77	22.9	19.0	28.4





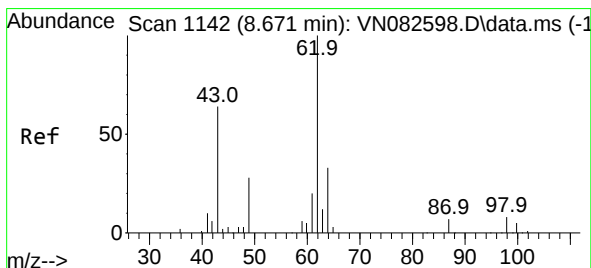
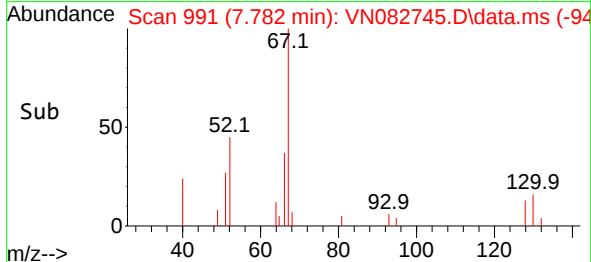
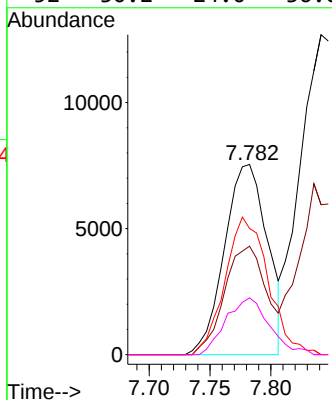
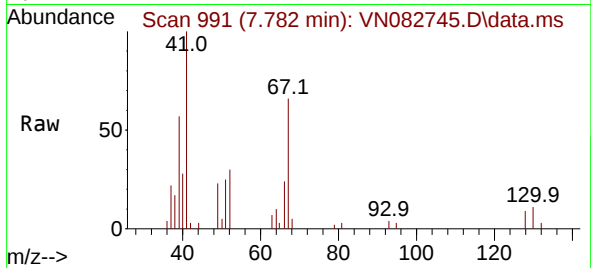
#41
Methacrylonitrile
Concen: 18.939 ug/l
RT: 7.782 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN082745.D
Acq: 28 Jun 2024 12:19

Instrument :
MSVOA_N
ClientSampleId :
VN0628WBSD01

Tgt Ion: 41 Resp: 1848
Ion Ratio Lower Upper
41 100
39 56.2 45.5 68.3
67 72.9 50.5 75.7
52 30.2 24.0 36.0

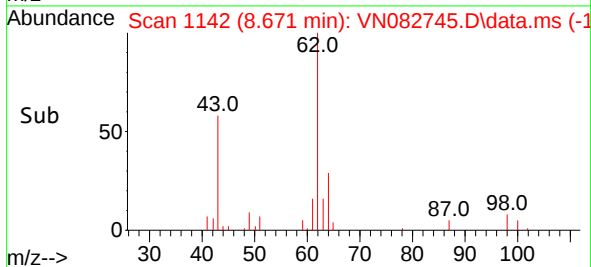
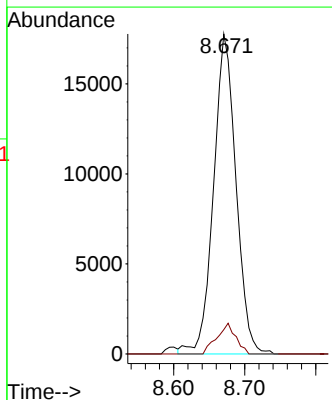
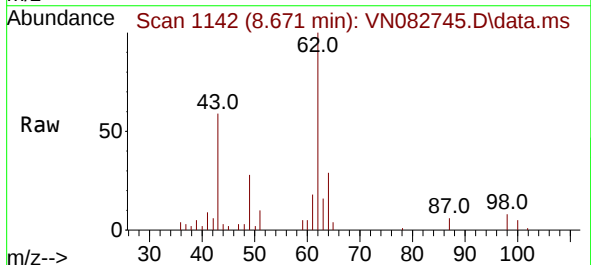
Manual Integrations
APPROVED

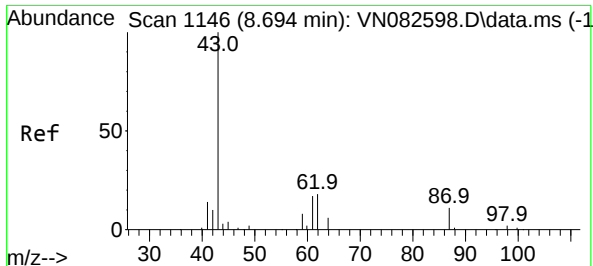
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#42
1,2-Dichloroethane
Concen: 18.856 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN082745.D
Acq: 28 Jun 2024 12:19

Tgt Ion: 62 Resp: 38897
Ion Ratio Lower Upper
62 100
98 8.1 0.0 15.8





#43

Isopropyl Acetate

Concen: 18.454 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.006 min

Lab File: VN082745.D

Acq: 28 Jun 2024 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN0628WBSD01

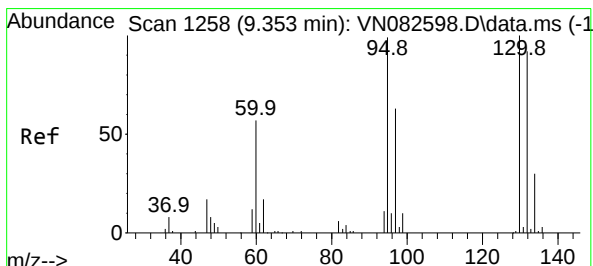
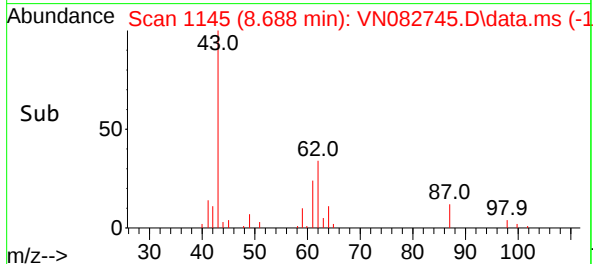
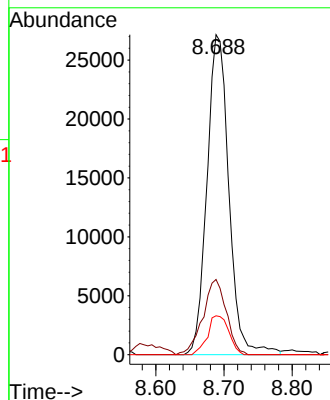
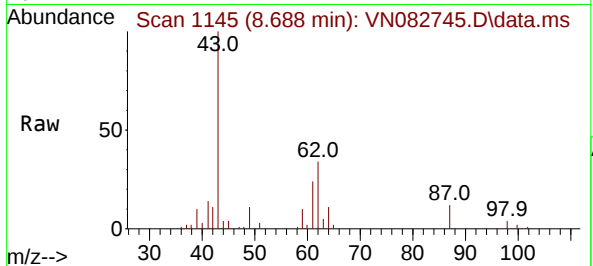
Tgt Ion: 43	Resp: 60750
Ion Ratio	Lower Upper
43 100	
61 25.1	17.8 26.6
87 11.8	8.2 12.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/01/2024

Supervised By :Mahesh Dadoda 07/01/2024



#44

Trichloroethene

Concen: 17.978 ug/l

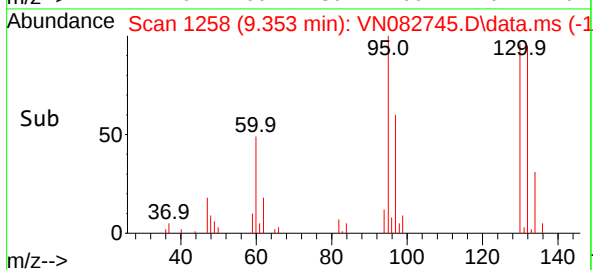
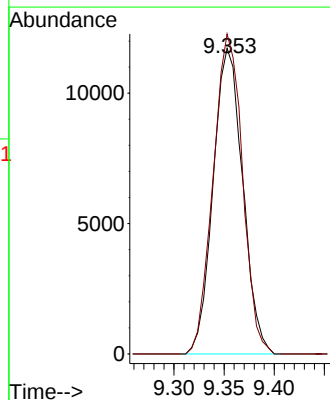
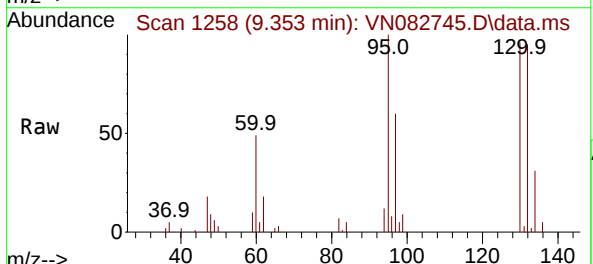
RT: 9.353 min Scan# 1258

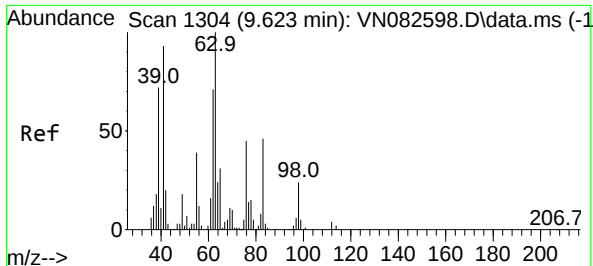
Delta R.T. -0.000 min

Lab File: VN082745.D

Acq: 28 Jun 2024 12:19

Tgt Ion:130	Resp: 23978
Ion Ratio	Lower Upper
130 100	
95 104.7	0.0 197.8





#45

1,2-Dichloropropane

Concen: 19.245 ug/l

RT: 9.623 min Scan# 1304

Delta R.T. 0.001 min

Lab File: VN082745.D

Acq: 28 Jun 2024 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN0628WBSD01

Tgt Ion: 63 Resp: 2679

Ion Ratio Lower Upper

63 100

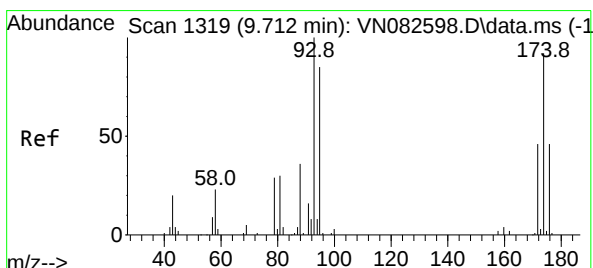
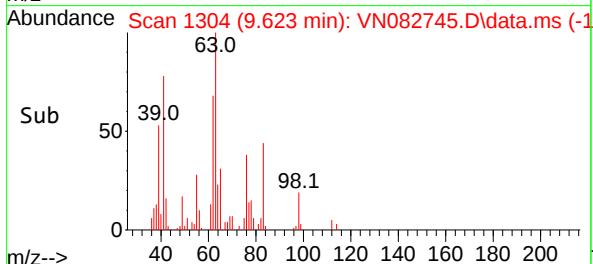
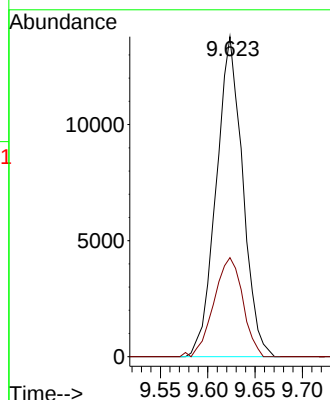
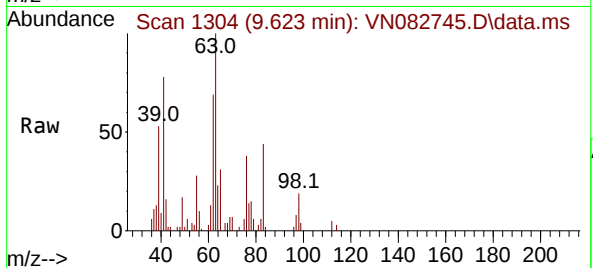
65 30.9 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/01/2024

Supervised By :Mahesh Dadoda 07/01/2024



#46

Dibromomethane

Concen: 18.556 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN082745.D

Acq: 28 Jun 2024 12:19

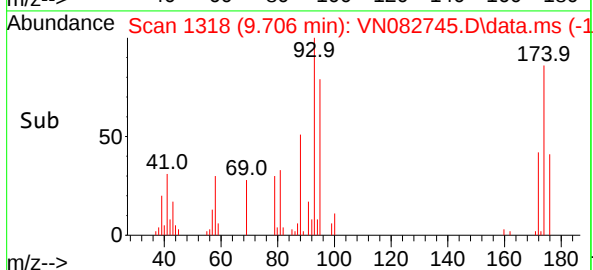
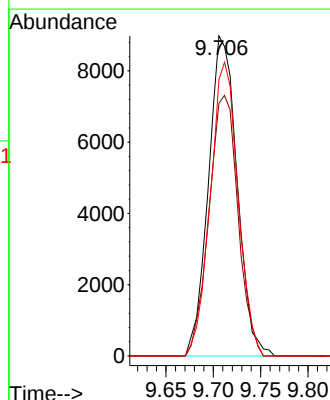
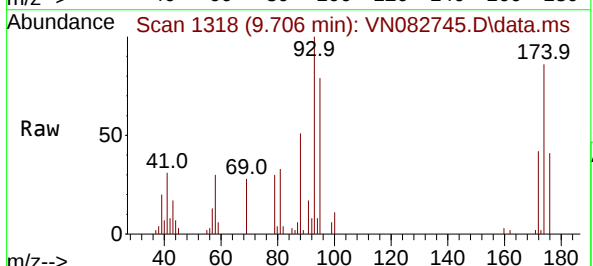
Tgt Ion: 93 Resp: 18871

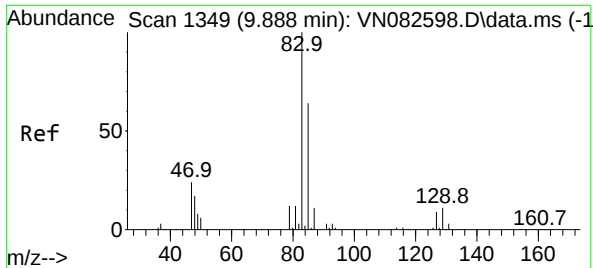
Ion Ratio Lower Upper

93 100

95 82.4 65.8 98.6

174 88.7 71.7 107.5





#47
Bromodichloromethane
Concen: 19.261 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN082745.D
Acq: 28 Jun 2024 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN0628WBSD01

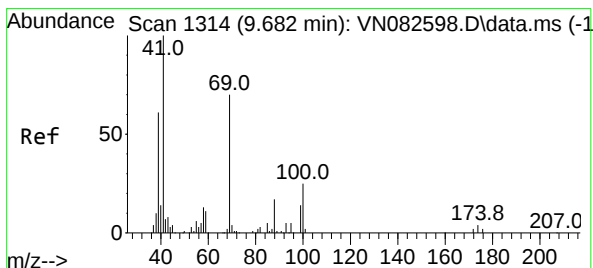
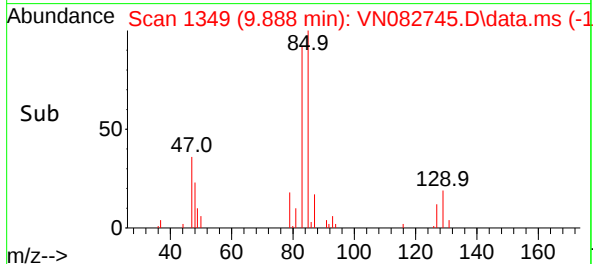
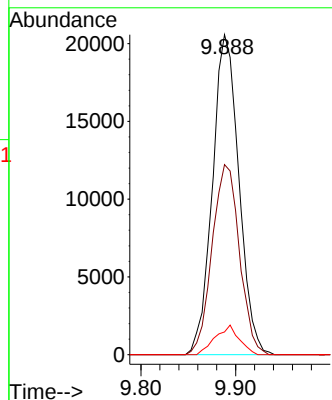
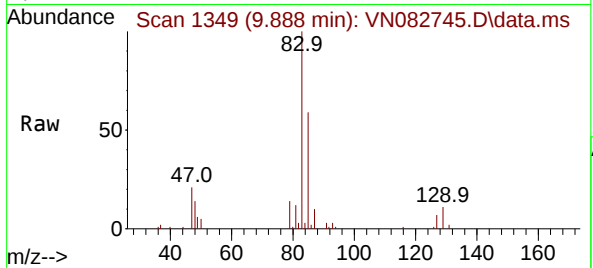
Tgt Ion: 83 Resp: 39914
Ion Ratio Lower Upper
83 100
85 59.4 51.1 76.7
127 7.1 7.2 10.8

Manual Integrations

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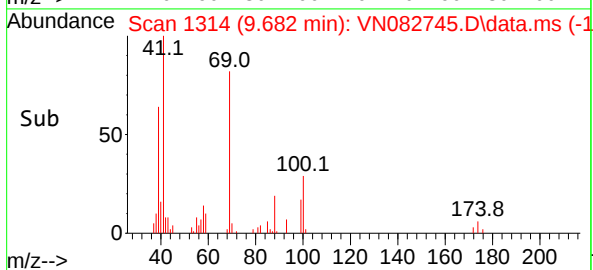
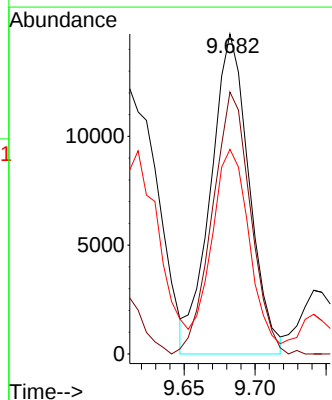
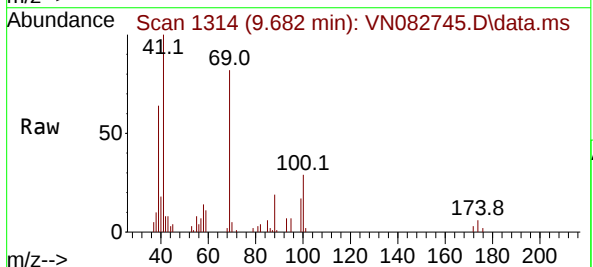
Reviewed By :John Carlone 07/01/2024

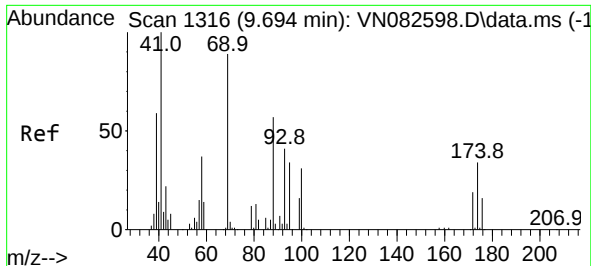
Supervised By :Mahesh Dadoda 07/01/2024



#48
Methyl methacrylate
Concen: 18.987 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN082745.D
Acq: 28 Jun 2024 12:19

Tgt Ion: 41 Resp: 27655
Ion Ratio Lower Upper
41 100
69 81.5 56.3 84.5
39 63.6 50.3 75.5





#49

1,4-Dioxane

Concen: 366.309 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN082745.D

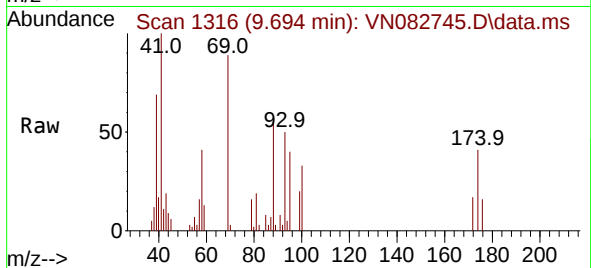
Acq: 28 Jun 2024 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN0628WBSD01



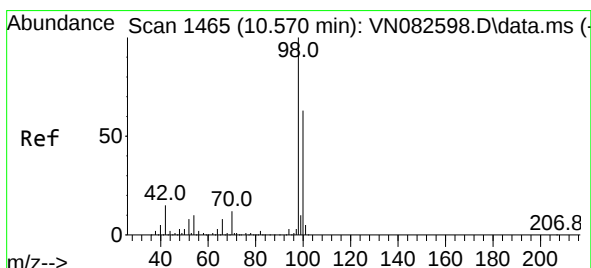
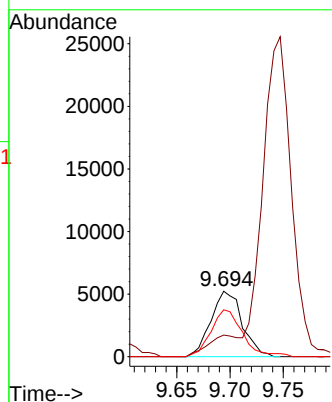
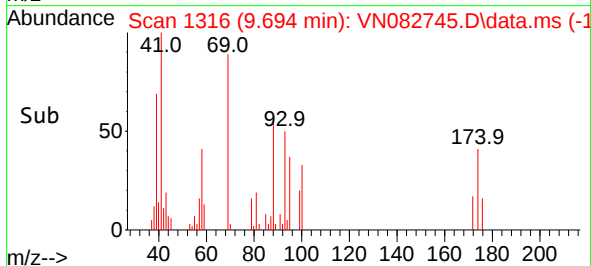
Tgt Ion:	88	Resp:	10648
Ion Ratio	Lower	Upper	
88	100		
43	30.3	27.8	41.8
58	72.4	59.4	89.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/01/2024

Supervised By :Mahesh Dadoda 07/01/2024



#50

Toluene-d8

Concen: 52.375 ug/l

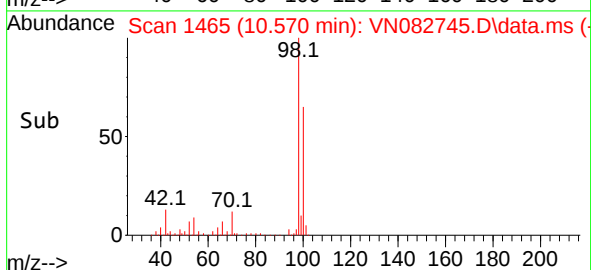
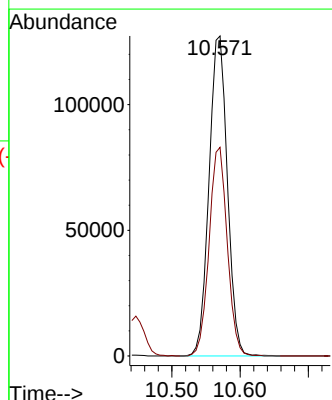
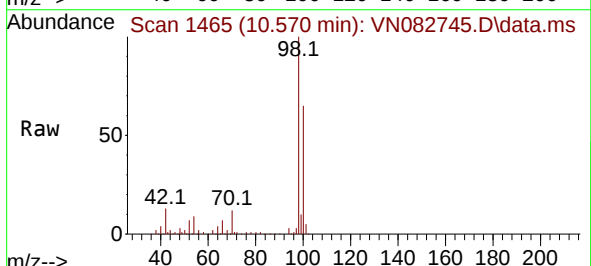
RT: 10.570 min Scan# 1465

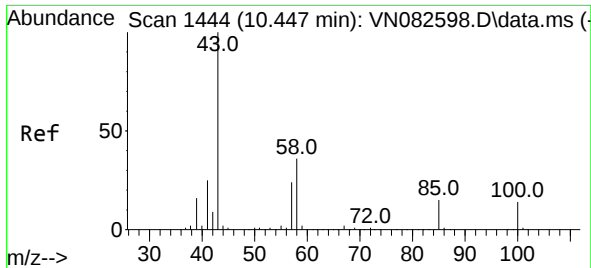
Delta R.T. 0.000 min

Lab File: VN082745.D

Acq: 28 Jun 2024 12:19

Tgt Ion:	98	Resp:	238633
Ion Ratio	Lower	Upper	
98	100		
100	64.4	51.5	77.3





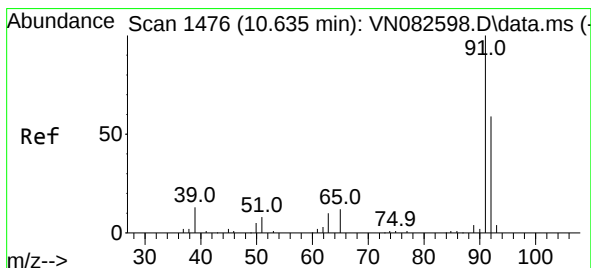
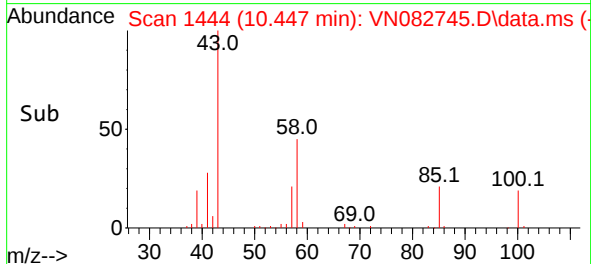
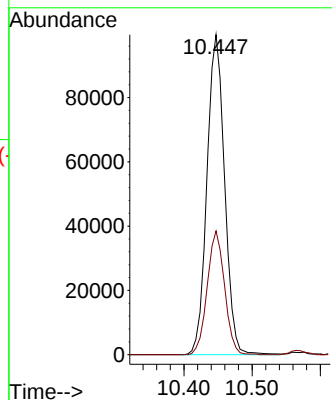
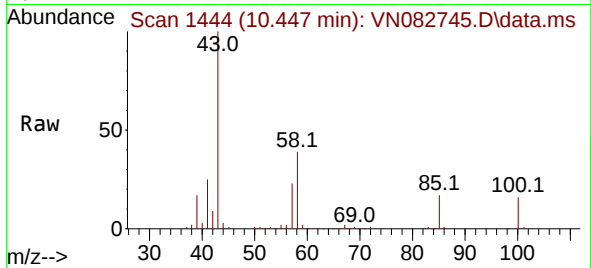
#51
4-Methyl-2-Pentanone
Concen: 92.530 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN082745.D
Acq: 28 Jun 2024 12:19

Instrument :
MSVOA_N
ClientSampleId :
VN0628WBSD01

Tgt Ion: 43 Resp: 179124
Ion Ratio Lower Upper
43 100
58 38.0 28.2 42.4

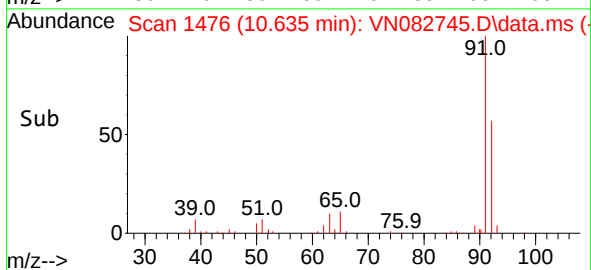
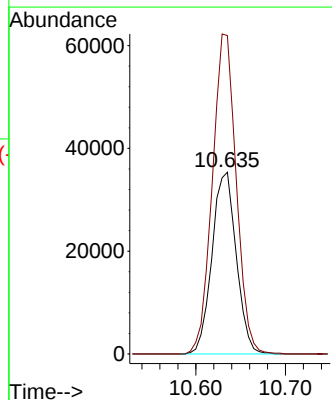
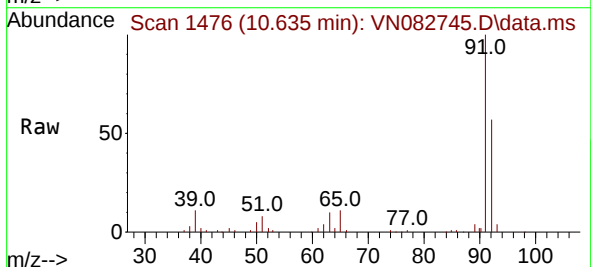
Manual Integrations
APPROVED

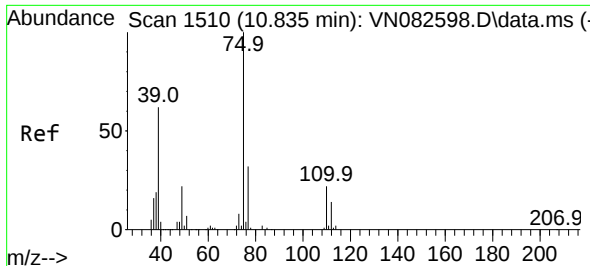
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#52
Toluene
Concen: 19.670 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN082745.D
Acq: 28 Jun 2024 12:19

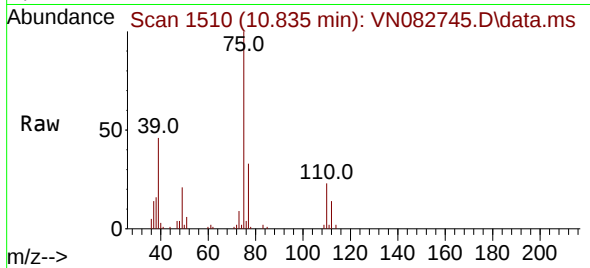
Tgt Ion: 92 Resp: 66354
Ion Ratio Lower Upper
92 100
91 173.6 139.4 209.0





#53
t-1,3-Dichloropropene
Concen: 19.859 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN082745.D
Acq: 28 Jun 2024 12:19

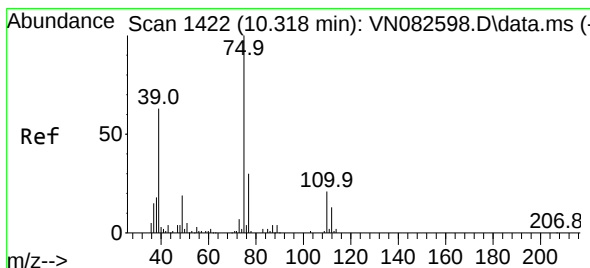
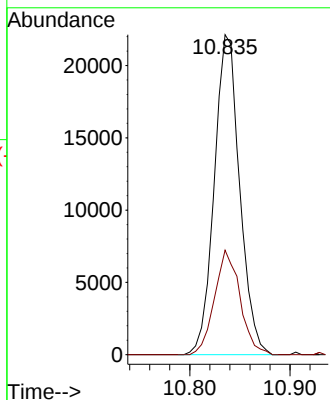
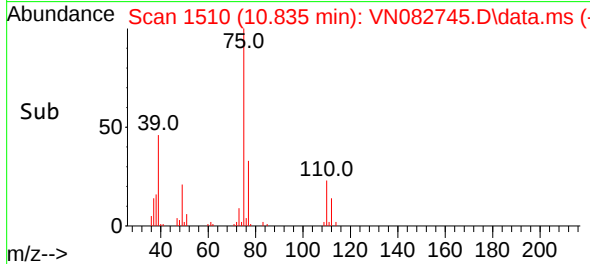
Instrument :
MSVOA_N
ClientSampleId :
VN0628WBSD01



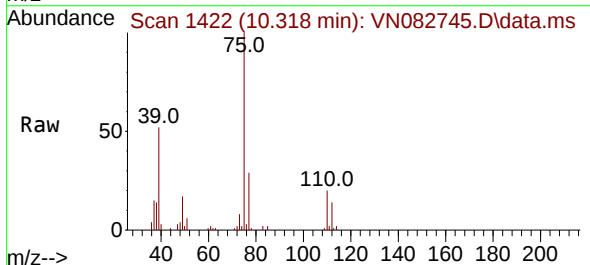
Tgt Ion: 75 Resp: 3892
Ion Ratio Lower Upper
75 100
77 32.6 25.7 38.5

Manual Integrations
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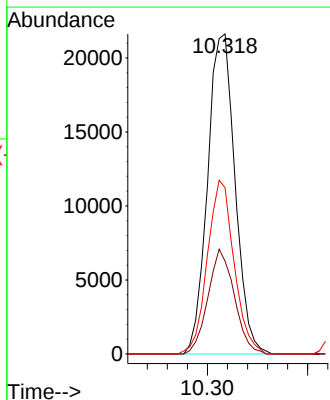
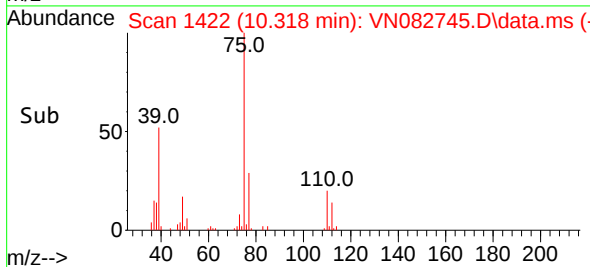
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024

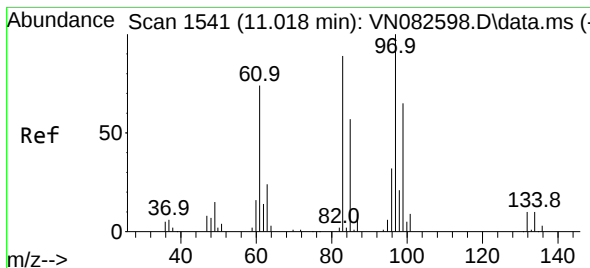


#54
cis-1,3-Dichloropropene
Concen: 19.978 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN082745.D
Acq: 28 Jun 2024 12:19



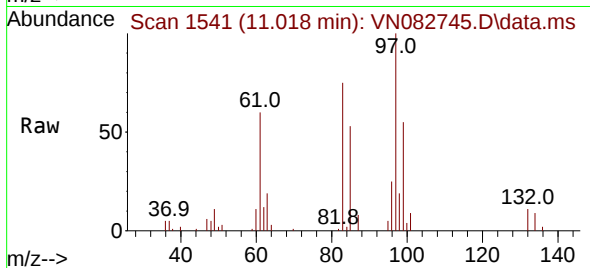
Tgt Ion: 75 Resp: 41165
Ion Ratio Lower Upper
75 100
77 29.0 24.3 36.5
39 52.0 50.5 75.7





#55
1,1,2-Trichloroethane
Concen: 19.283 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN082745.D
Acq: 28 Jun 2024 12:19

Instrument :
MSVOA_N
ClientSampleId :
VN0628WBSD01

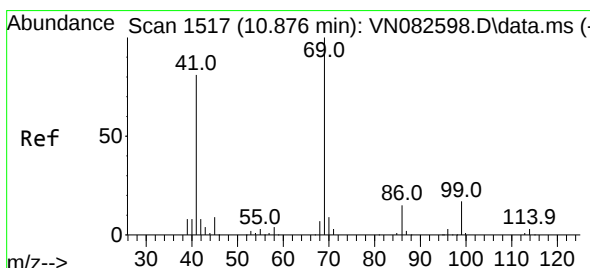
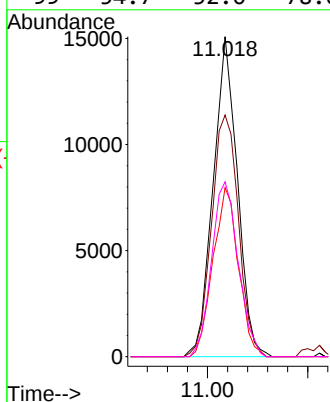
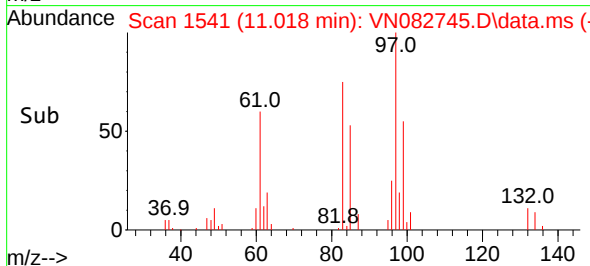


Tgt Ion: 97 Resp: 2522

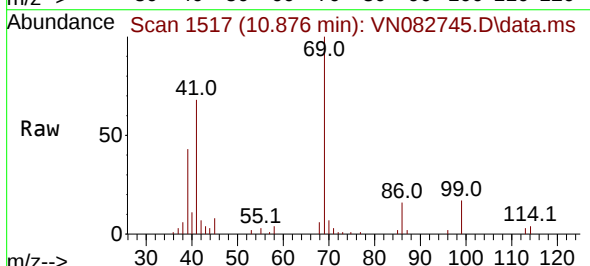
Ion	Ratio	Lower	Upper
97	100		
83	75.5	71.4	107.0
85	52.8	45.8	68.6
99	54.7	52.0	78.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024

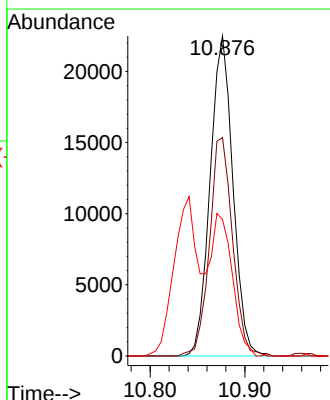
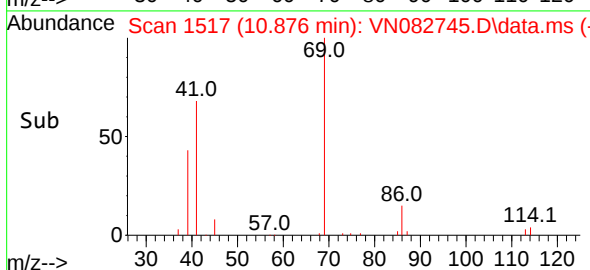


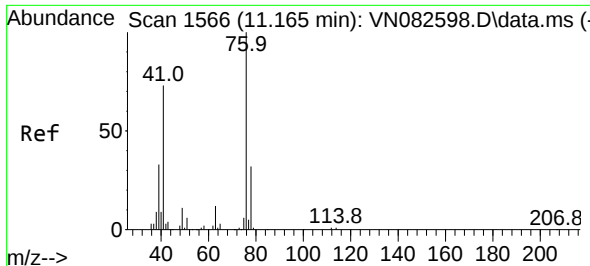
#56
Ethyl methacrylate
Concen: 19.076 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN082745.D
Acq: 28 Jun 2024 12:19



Tgt Ion: 69 Resp: 37527

Ion	Ratio	Lower	Upper
69	100		
41	68.8	63.4	95.2
39	40.7	37.4	56.0





#57

1,3-Dichloropropane

Concen: 18.823 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN082745.D

Acq: 28 Jun 2024 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN0628WBSD01

Tgt Ion: 76 Resp: 4327

Ion Ratio Lower Upper

76 100

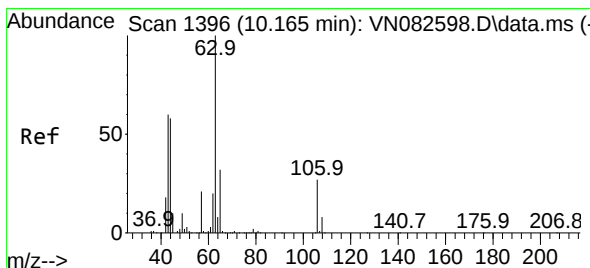
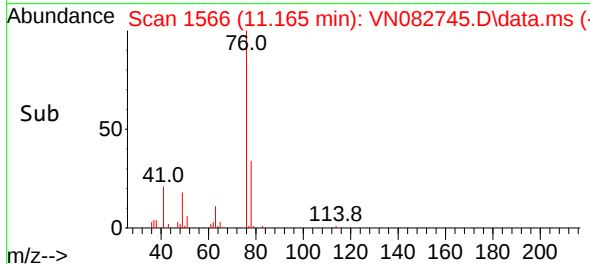
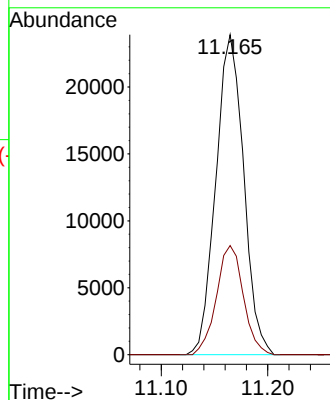
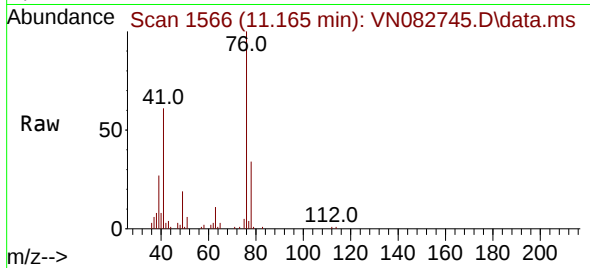
78 33.0 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/01/2024

Supervised By :Mahesh Dadoda 07/01/2024



#58

2-Chloroethyl Vinyl ether

Concen: 100.095 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.006 min

Lab File: VN082745.D

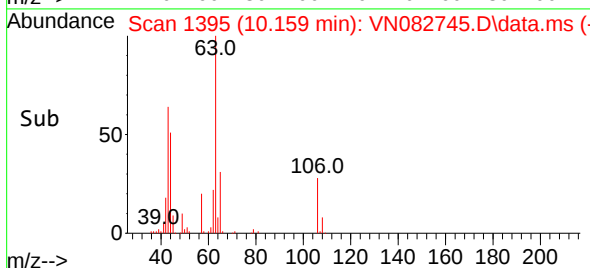
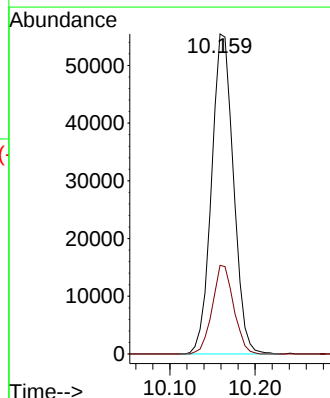
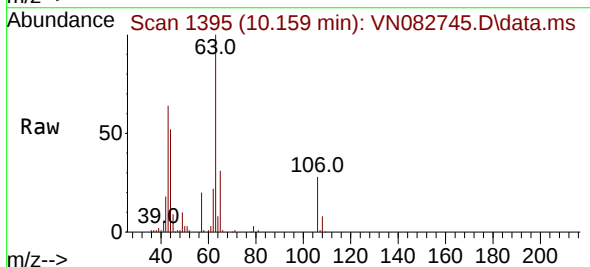
Acq: 28 Jun 2024 12:19

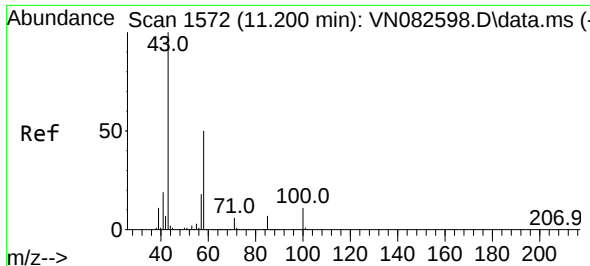
Tgt Ion: 63 Resp: 99205

Ion Ratio Lower Upper

63 100

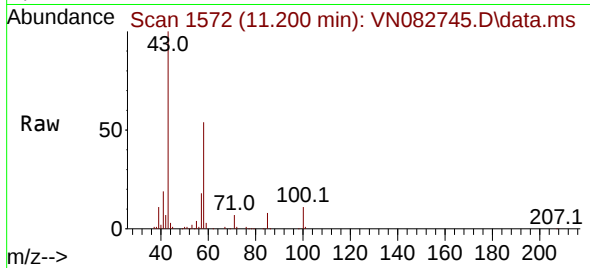
106 27.0 21.4 32.0





#59
2-Hexanone
Concen: 92.047 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN082745.D
Acq: 28 Jun 2024 12:19

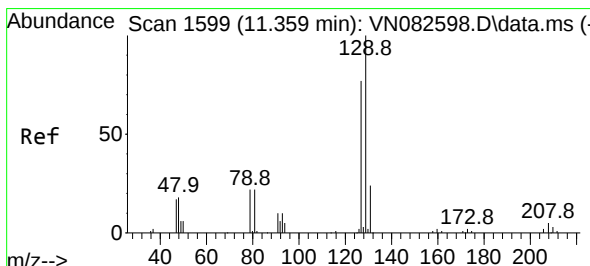
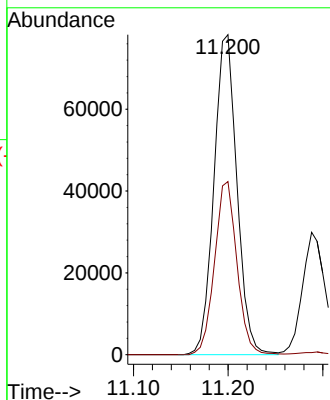
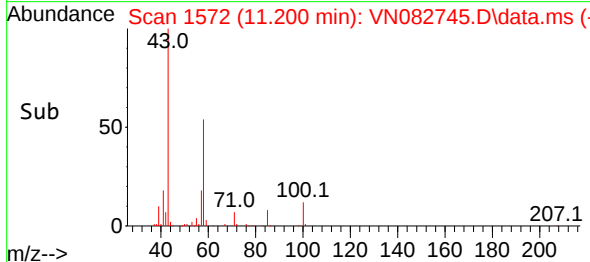
Instrument :
MSVOA_N
ClientSampleId :
VN0628WBSD01



Tgt Ion: 43 Resp: 13212
Ion Ratio Lower Upper
43 100
58 52.7 24.6 73.8

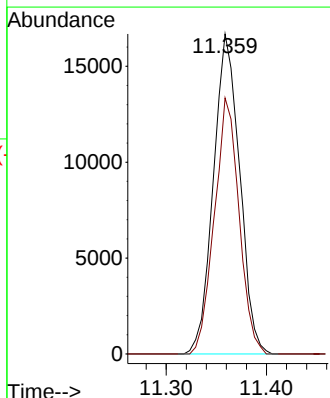
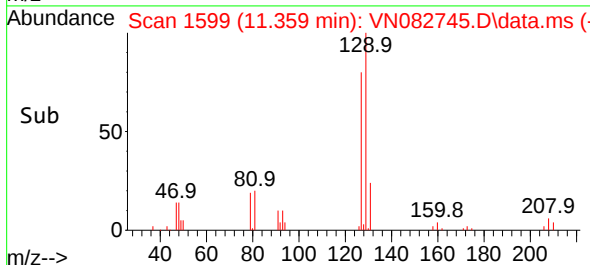
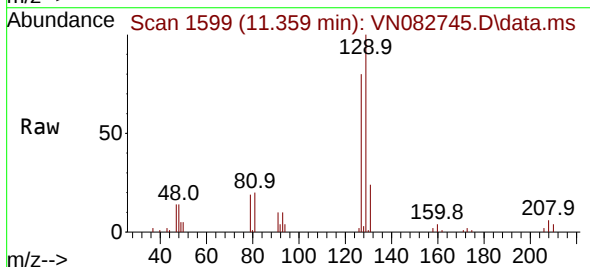
Manual Integrations
APPROVED

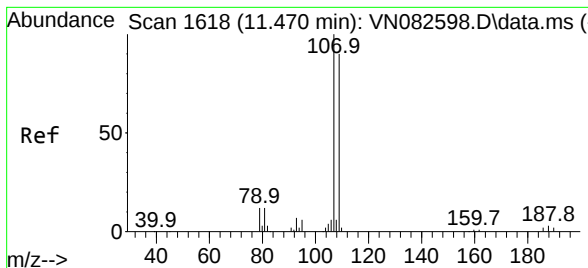
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#60
Dibromochloromethane
Concen: 19.087 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN082745.D
Acq: 28 Jun 2024 12:19

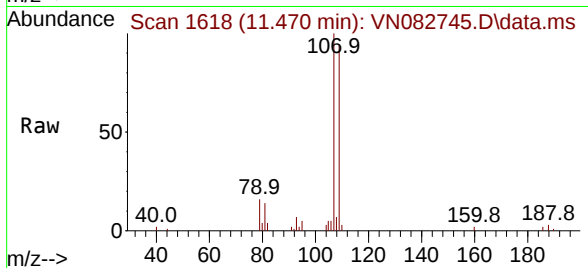
Tgt Ion:129 Resp: 30279
Ion Ratio Lower Upper
129 100
127 75.3 39.2 117.6





#61
1,2-Dibromoethane
Concen: 17.915 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN082745.D
Acq: 28 Jun 2024 12:19

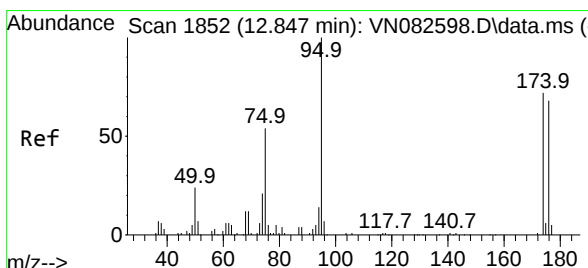
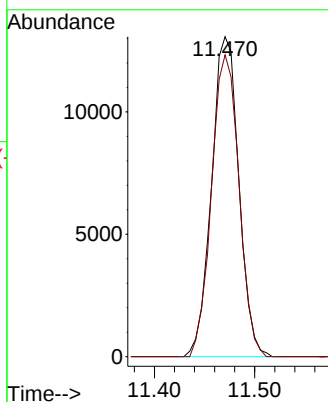
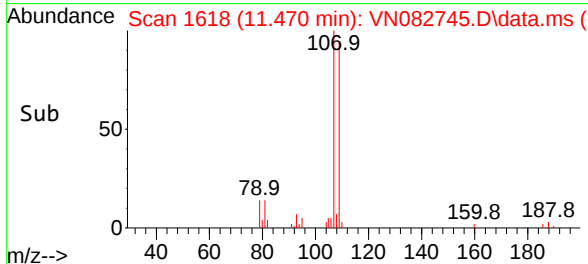
Instrument :
MSVOA_N
ClientSampleId :
VN0628WBSD01



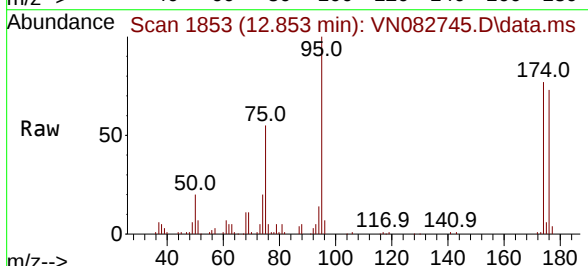
Tgt Ion:107 Resp: 2462
Ion Ratio Lower Upper
107 100
109 95.1 73.7 110.5

Manual Integrations
APPROVED

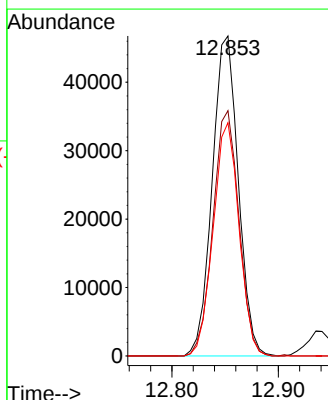
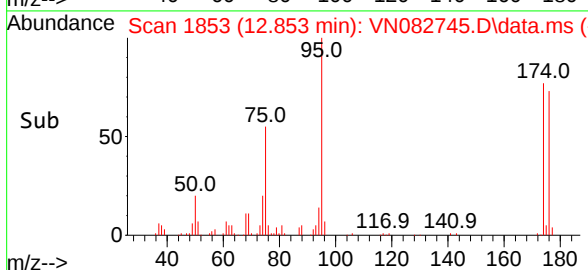
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024

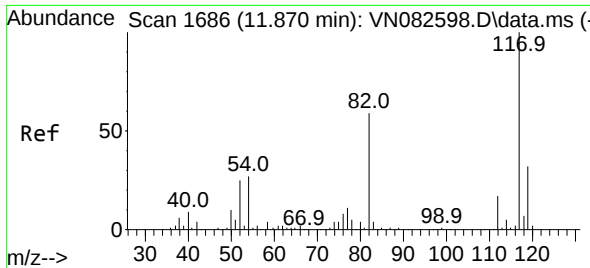


#62
4-Bromofluorobenzene
Concen: 50.789 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082745.D
Acq: 28 Jun 2024 12:19



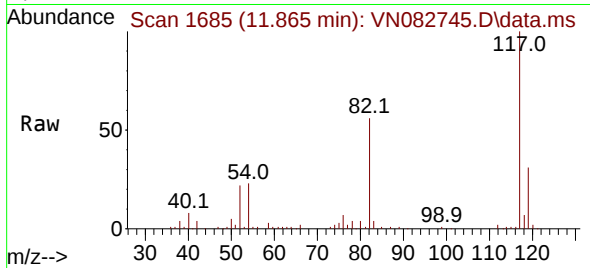
Tgt Ion: 95 Resp: 79470
Ion Ratio Lower Upper
95 100
174 76.3 0.0 159.2
176 72.2 0.0 147.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.005 min
Lab File: VN082745.D
Acq: 28 Jun 2024 12:19

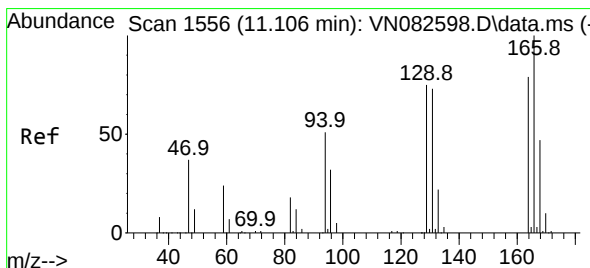
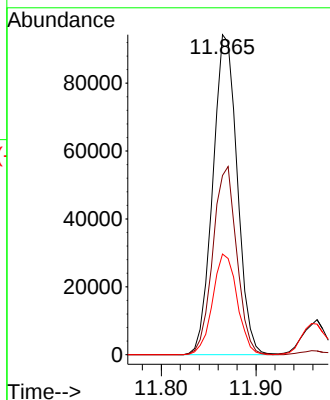
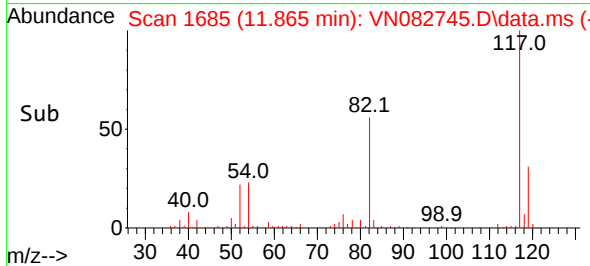
Instrument :
MSVOA_N
ClientSampleId :
VN0628WBSD01



Tgt Ion:117 Resp: 168890
Ion Ratio Lower Upper
117 100
82 56.0 47.5 71.3
119 31.4 25.6 38.4

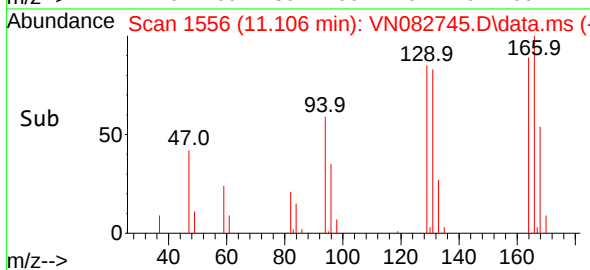
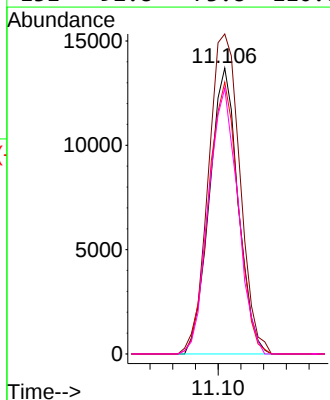
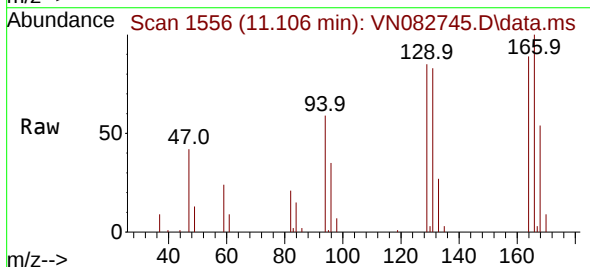
Manual Integrations
APPROVED

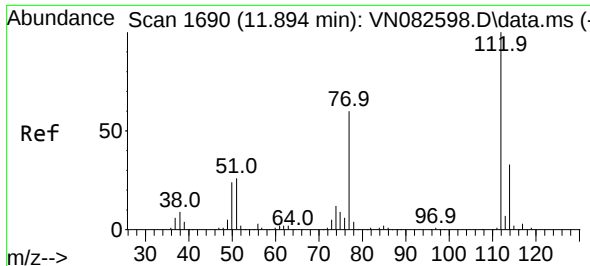
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#64
Tetrachloroethene
Concen: 19.024 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN082745.D
Acq: 28 Jun 2024 12:19

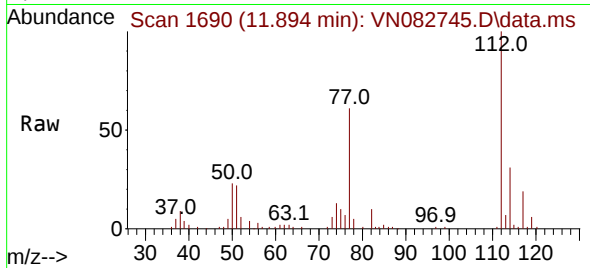
Tgt Ion:164 Resp: 24069
Ion Ratio Lower Upper
164 100
166 111.9 101.4 152.0
129 95.0 75.7 113.5
131 92.8 73.8 110.6





#65
Chlorobenzene
Concen: 18.449 ug/l
RT: 11.894 min Scan# 1119
Delta R.T. -0.000 min
Lab File: VN082745.D
Acq: 28 Jun 2024 12:19

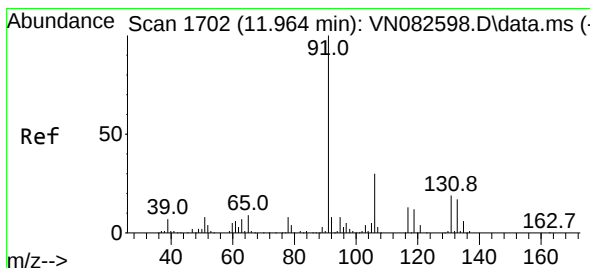
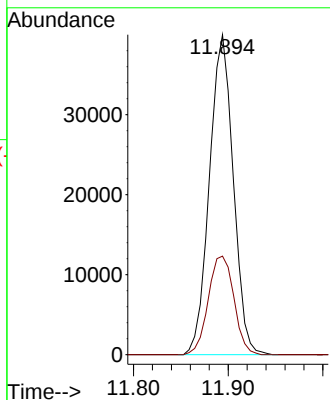
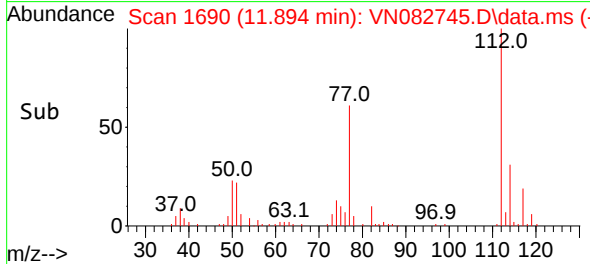
Instrument :
MSVOA_N
ClientSampleId :
VN0628WBSD01



Tgt Ion:112 Resp: 6989
Ion Ratio Lower Upper
112 100
114 30.8 26.2 39.2

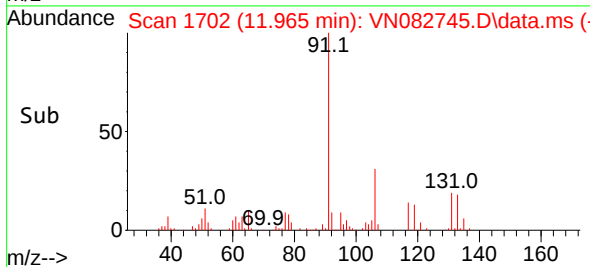
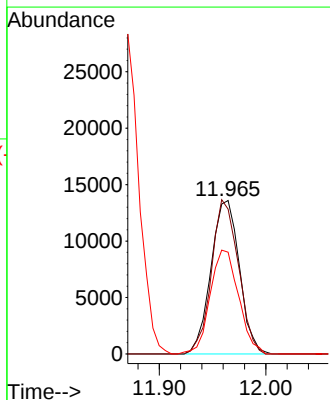
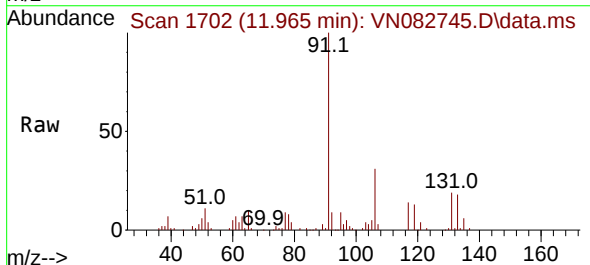
Manual Integrations
APPROVED

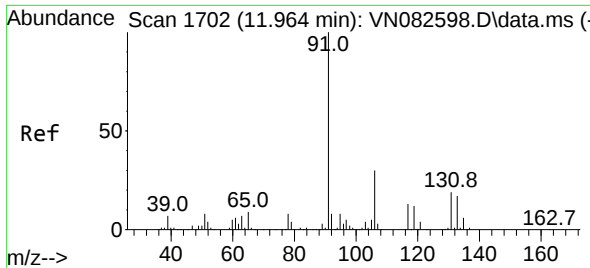
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 19.137 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.001 min
Lab File: VN082745.D
Acq: 28 Jun 2024 12:19

Tgt Ion:131 Resp: 25197
Ion Ratio Lower Upper
131 100
133 95.0 47.3 142.0
119 67.7 32.5 97.4





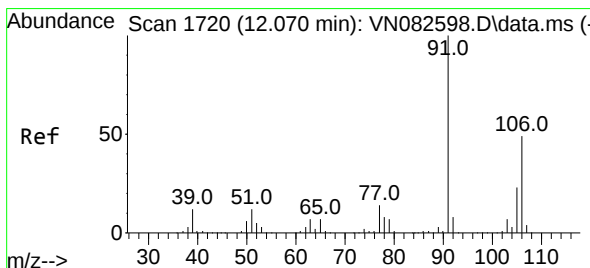
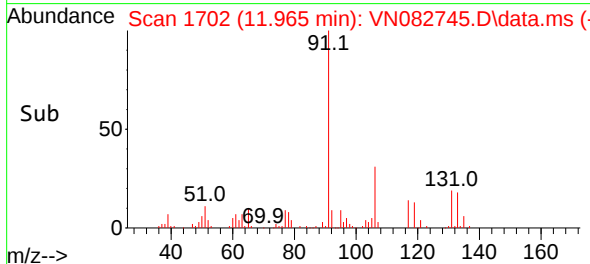
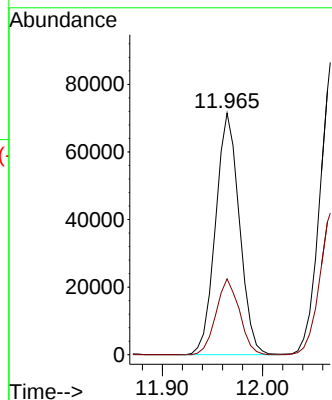
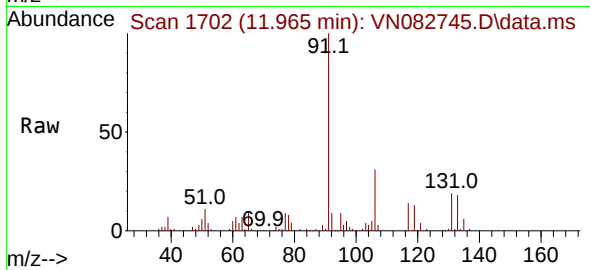
#67
Ethyl Benzene
Concen: 18.881 ug/l
RT: 11.965 min Scan# 11805
Delta R.T. 0.001 min
Lab File: VN082745.D
Acq: 28 Jun 2024 12:19

Instrument :
MSVOA_N
ClientSampleId :
VN0628WBSD01

Tgt Ion: 91 Resp: 11805
Ion Ratio Lower Upper
91 100
106 31.4 24.0 36.0

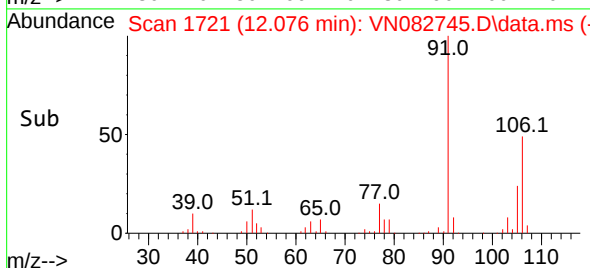
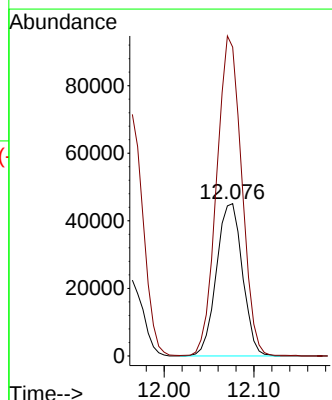
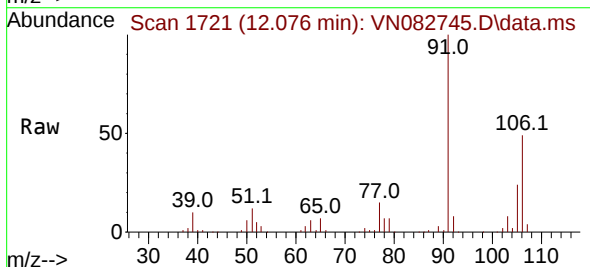
Manual Integrations
APPROVED

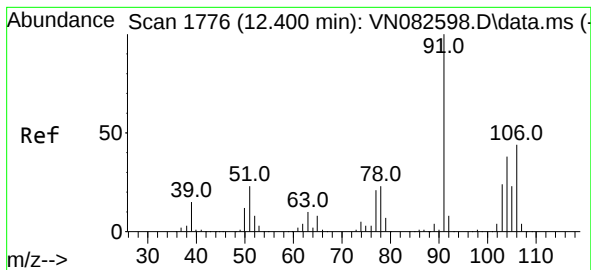
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#68
m/p-Xylenes
Concen: 38.974 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN082745.D
Acq: 28 Jun 2024 12:19

Tgt Ion:106 Resp: 90672
Ion Ratio Lower Upper
106 100
91 202.8 166.1 249.1





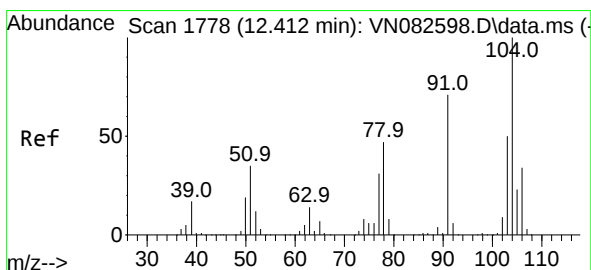
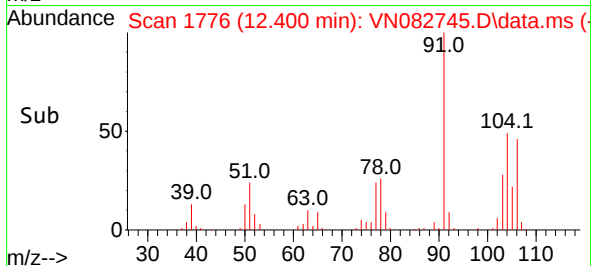
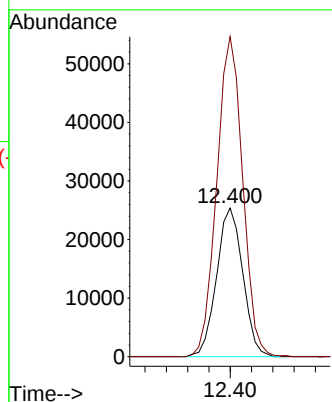
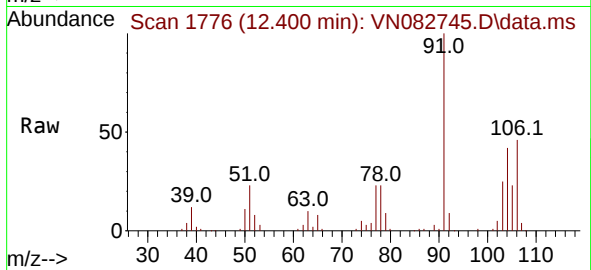
#69
o-Xylene
Concen: 19.314 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN082745.D
Acq: 28 Jun 2024 12:19

Instrument :
MSVOA_N
ClientSampleId :
VN0628WBSD01

Tgt Ion:106 Resp: 43305
Ion Ratio Lower Upper
106 100
91 213.0 111.3 333.9

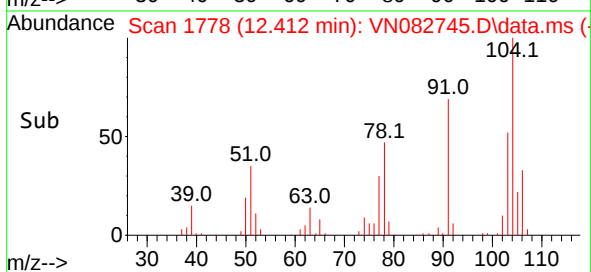
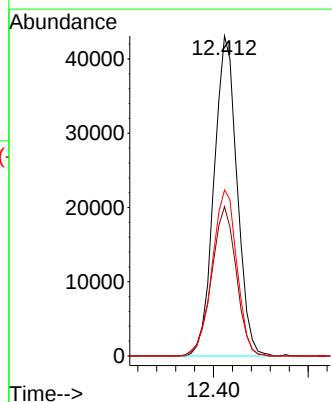
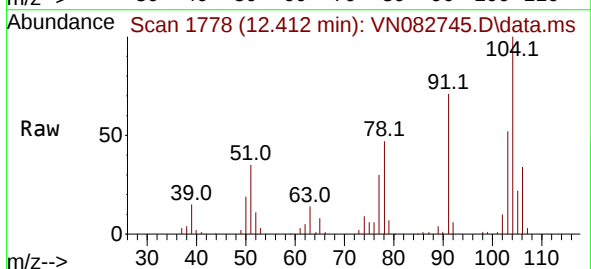
Manual Integrations
APPROVED

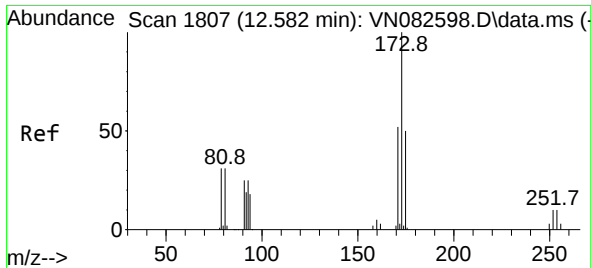
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#70
Styrene
Concen: 19.143 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN082745.D
Acq: 28 Jun 2024 12:19

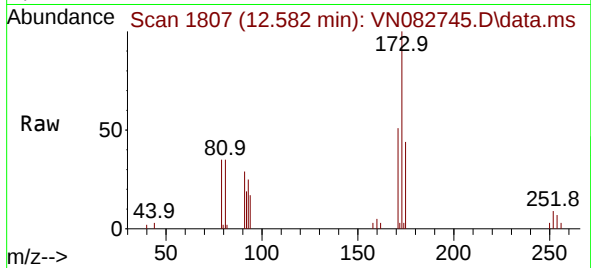
Tgt Ion:104 Resp: 72867
Ion Ratio Lower Upper
104 100
78 50.1 41.6 62.4
103 55.4 44.0 66.0





#71
Bromoform
Concen: 18.298 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN082745.D
Acq: 28 Jun 2024 12:19

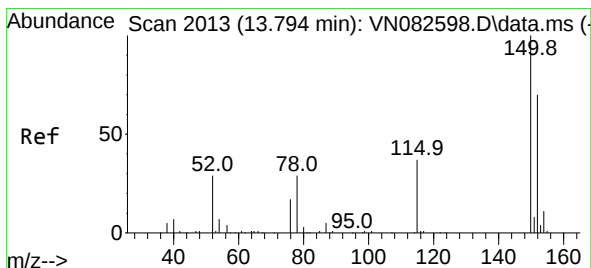
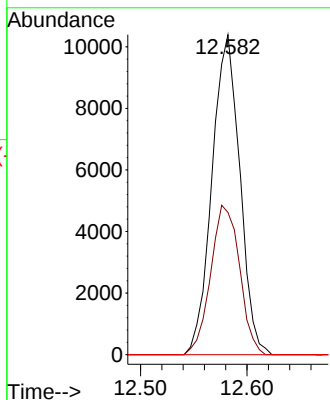
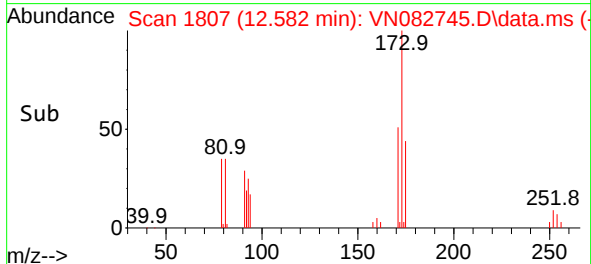
Instrument :
MSVOA_N
ClientSampleId :
VN0628WBSD01



Tgt Ion:173 Resp: 1884
Ion Ratio Lower Upper
173 100
175 48.5 24.0 72.0
254 0.0 0.0 0.0

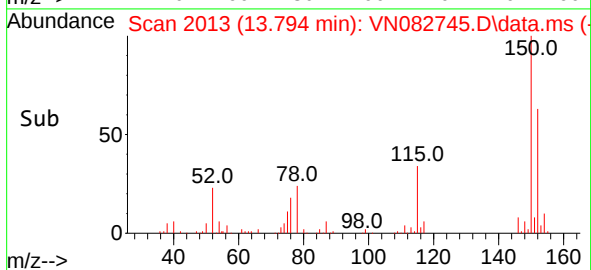
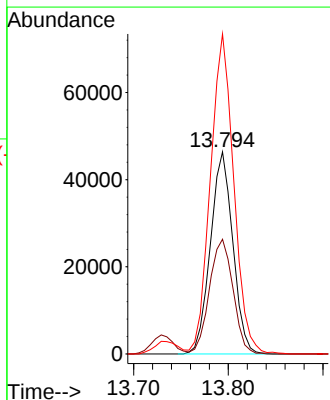
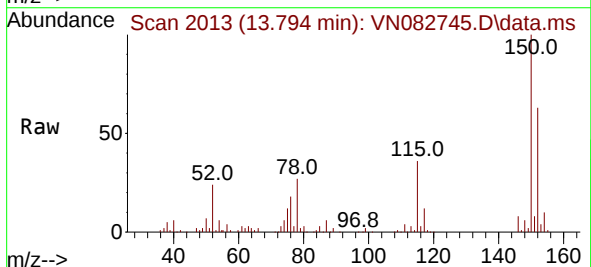
Manual Integrations
APPROVED

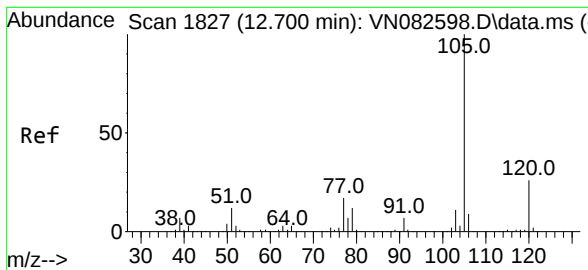
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082745.D
Acq: 28 Jun 2024 12:19

Tgt Ion:152 Resp: 76383
Ion Ratio Lower Upper
152 100
115 59.5 30.6 91.6
150 164.7 0.0 348.6





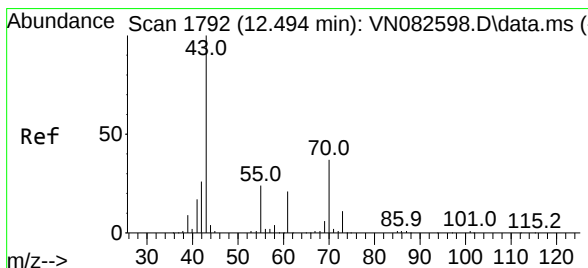
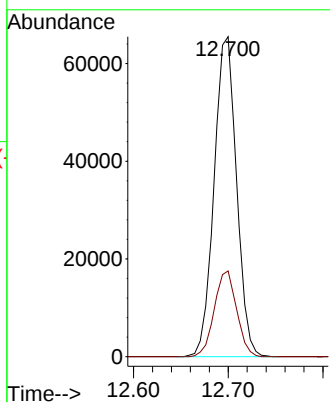
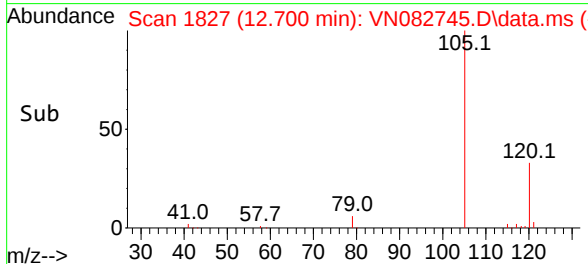
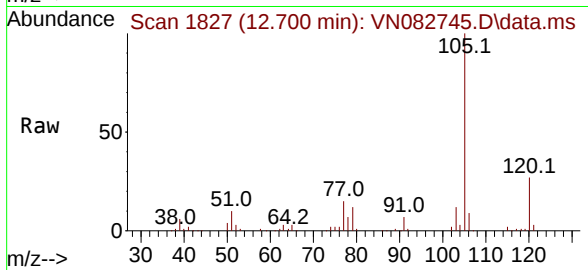
#73
Isopropylbenzene
Concen: 19.383 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN082745.D
Acq: 28 Jun 2024 12:19

Instrument :
MSVOA_N
ClientSampleId :
VN0628WBSD01

Tgt Ion:105 Resp: 107978
Ion Ratio Lower Upper
105 100
120 26.6 12.9 38.6

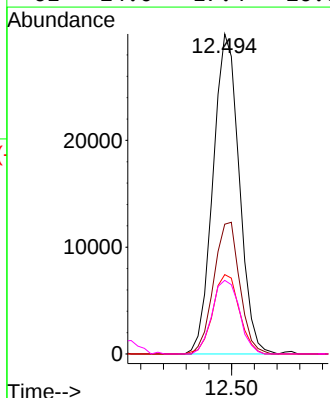
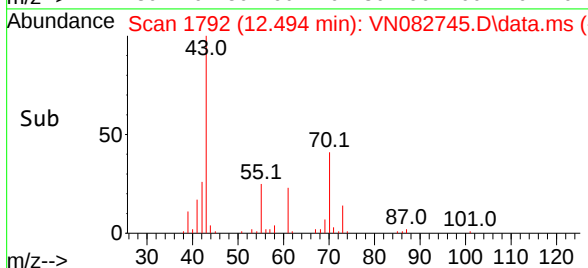
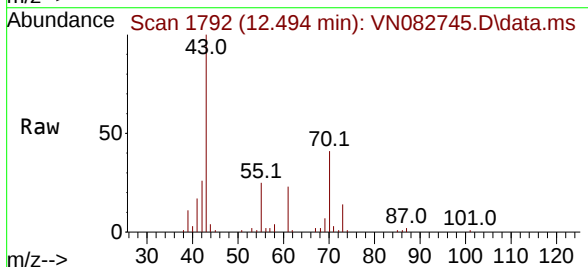
Manual Integrations
APPROVED

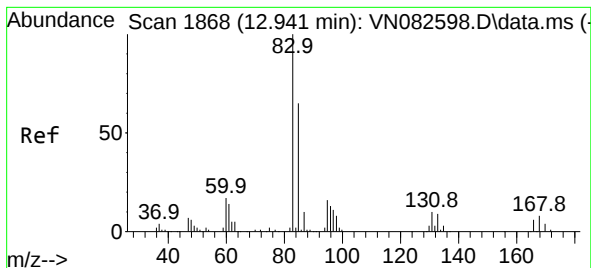
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#74
N-ethyl acetate
Concen: 19.315 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN082745.D
Acq: 28 Jun 2024 12:19

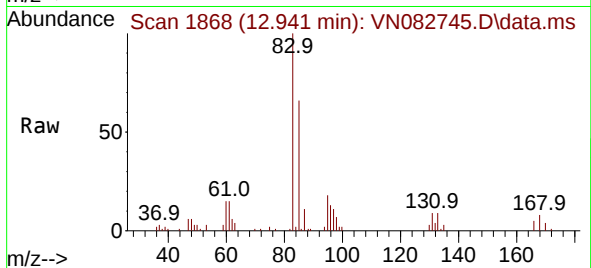
Tgt Ion: 43 Resp: 48024
Ion Ratio Lower Upper
43 100
70 40.8 29.8 44.6
55 25.1 18.7 28.1
61 24.0 17.4 26.0





#75
1,1,2,2-Tetrachloroethane
Concen: 17.808 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN082745.D
Acq: 28 Jun 2024 12:19

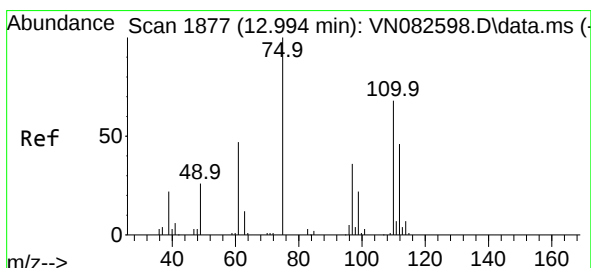
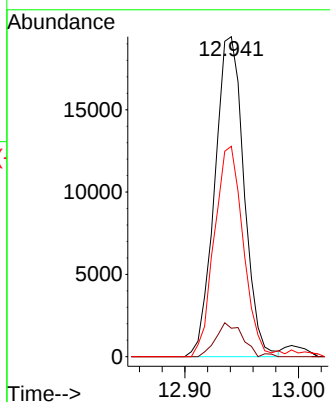
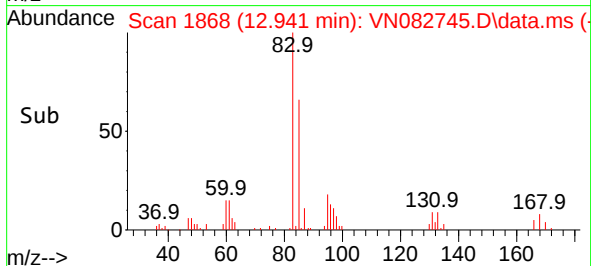
Instrument :
MSVOA_N
ClientSampleId :
VN0628WBSD01



Tgt Ion: 83 Resp: 34800
Ion Ratio Lower Upper
83 100
131 9.9 5.0 14.9
85 64.8 31.9 95.7

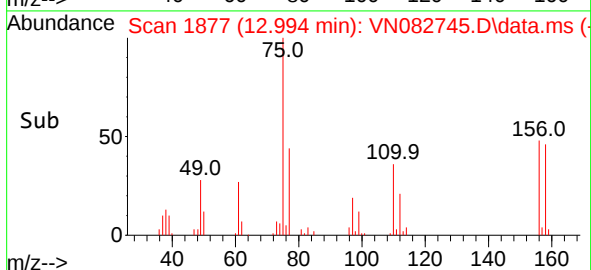
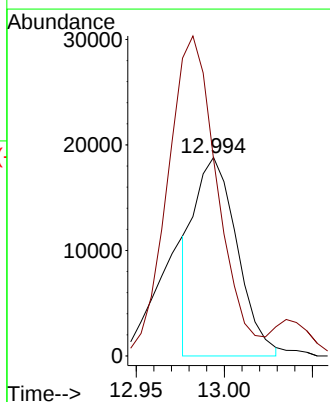
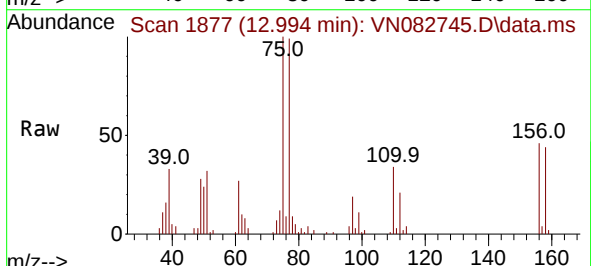
Manual Integrations
APPROVED

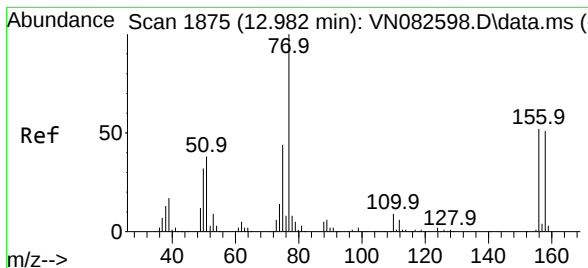
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#76
1,2,3-Trichloropropane
Concen: 19.094 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN082745.D
Acq: 28 Jun 2024 12:19

Tgt Ion: 75 Resp: 31813
Ion Ratio Lower Upper
75 100
77 188.8 110.9 332.6





#77

Bromobenzene

Concen: 19.699 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN082745.D

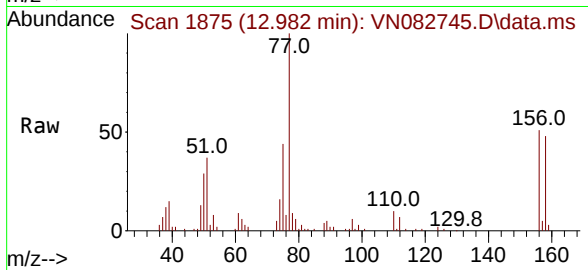
Acq: 28 Jun 2024 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN0628WBSD01



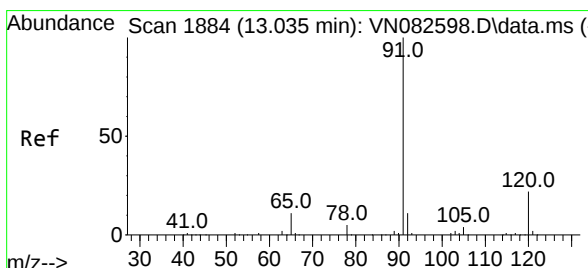
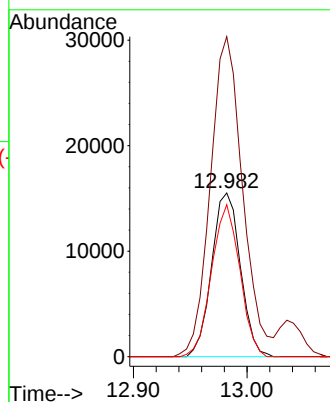
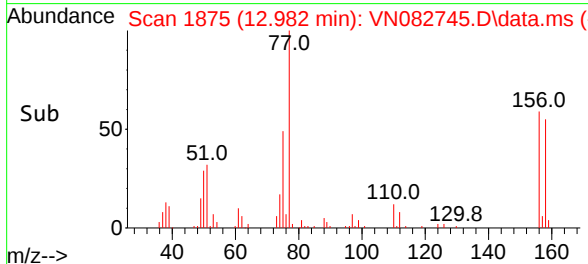
Tgt Ion:	156	Resp:	2727
Ion Ratio	Lower	Upper	
156	100		
77	220.2	111.3	333.8
158	91.4	48.3	144.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/01/2024

Supervised By :Mahesh Dadoda 07/01/2024



#78

n-propylbenzene

Concen: 19.853 ug/l

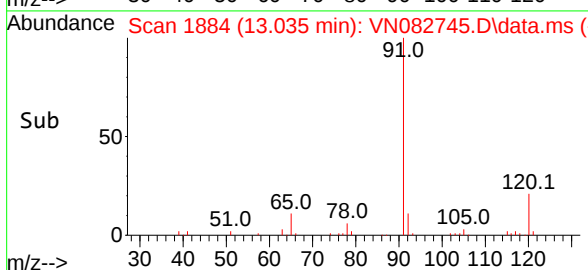
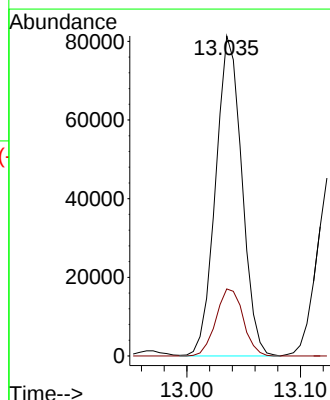
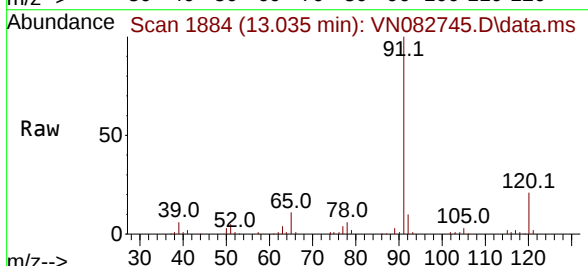
RT: 13.035 min Scan# 1884

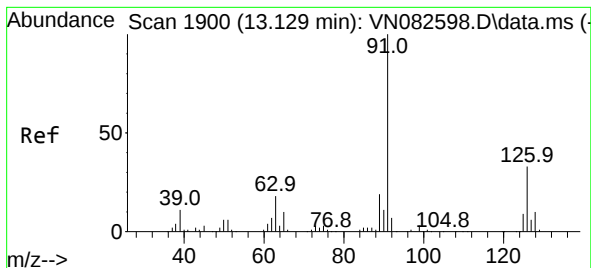
Delta R.T. 0.000 min

Lab File: VN082745.D

Acq: 28 Jun 2024 12:19

Tgt Ion:	91	Resp:	130586
Ion Ratio	Lower	Upper	
91	100		
120	21.7	10.9	32.9





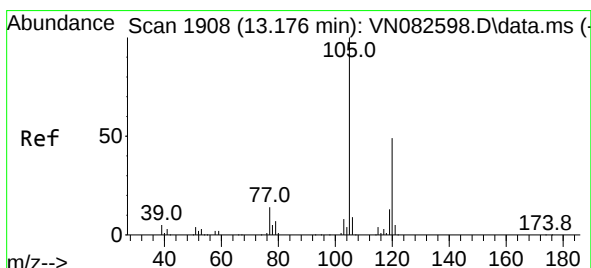
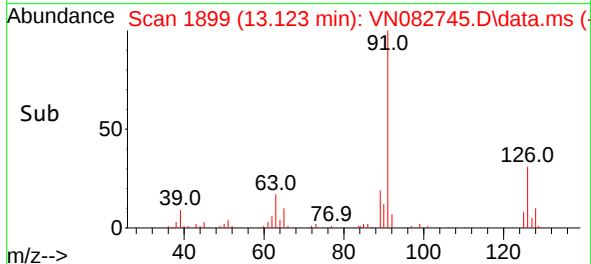
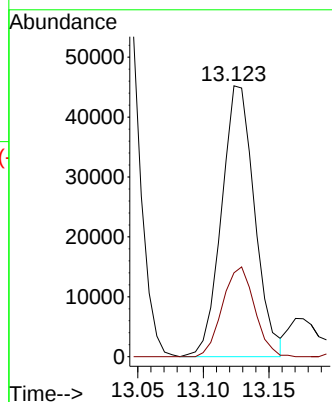
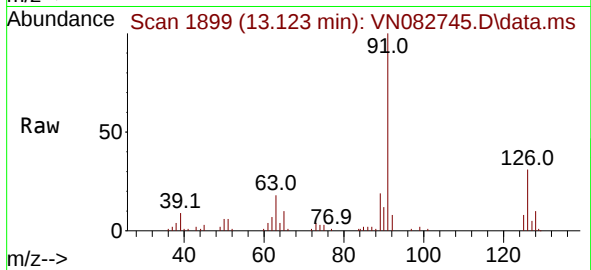
#79
2-Chlorotoluene
Concen: 19.280 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.006 min
Lab File: VN082745.D
Acq: 28 Jun 2024 12:19

Instrument :
MSVOA_N
ClientSampleId :
VN0628WBSD01

Tgt Ion: 91 Resp: 79478
Ion Ratio Lower Upper
91 100
126 32.1 16.2 48.6

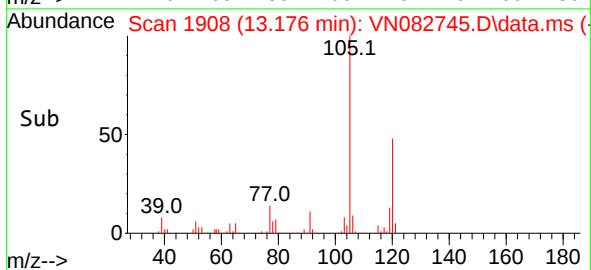
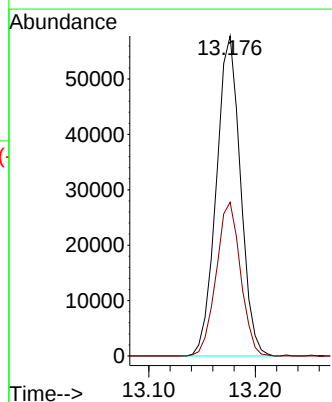
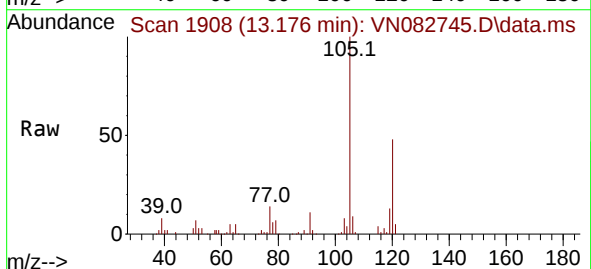
Manual Integrations
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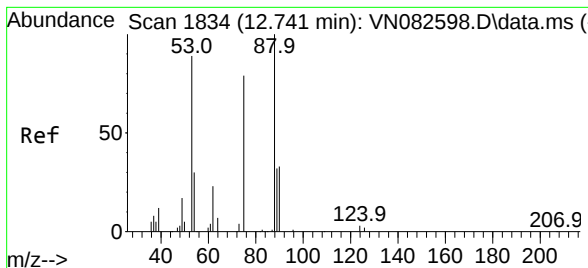
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#80
1,3,5-Trimethylbenzene
Concen: 19.838 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN082745.D
Acq: 28 Jun 2024 12:19

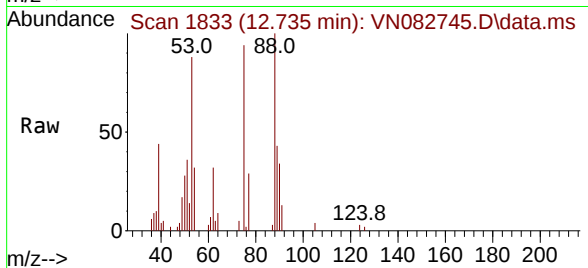
Tgt Ion:105 Resp: 90782
Ion Ratio Lower Upper
105 100
120 48.3 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 20.023 ug/l m
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN082745.D
Acq: 28 Jun 2024 12:19

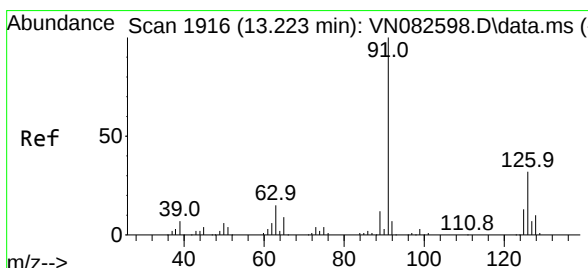
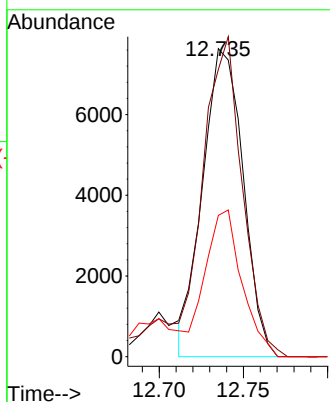
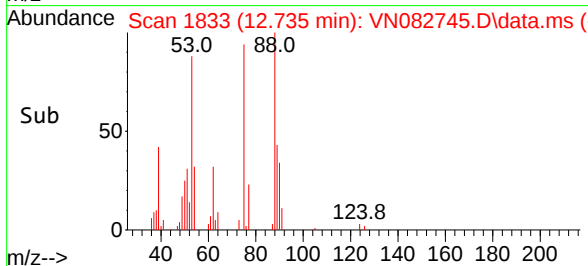
Instrument :
MSVOA_N
ClientSampleId :
VN0628WBSD01



Tgt Ion: 75 Resp: 12792
Ion Ratio Lower Upper
75 100
53 112.0 88.4 132.6
89 42.5 36.3 54.5

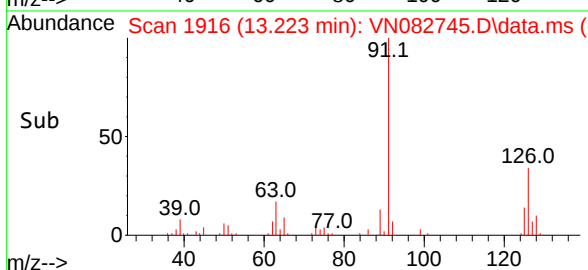
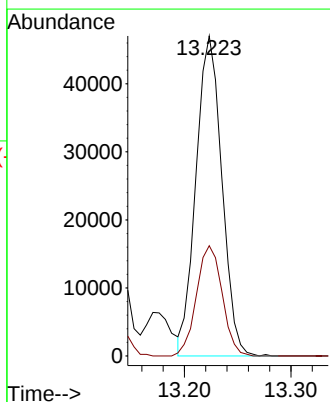
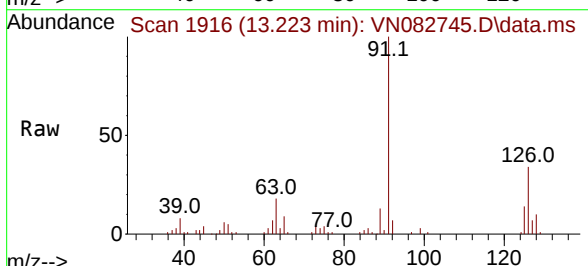
Manual Integrations
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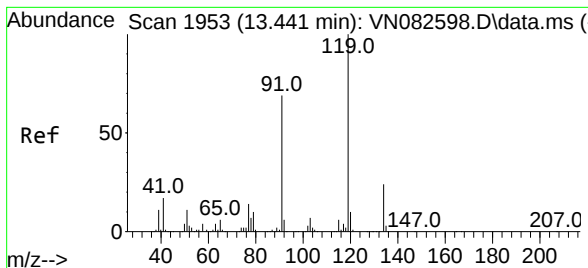
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#82
4-Chlorotoluene
Concen: 19.520 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN082745.D
Acq: 28 Jun 2024 12:19

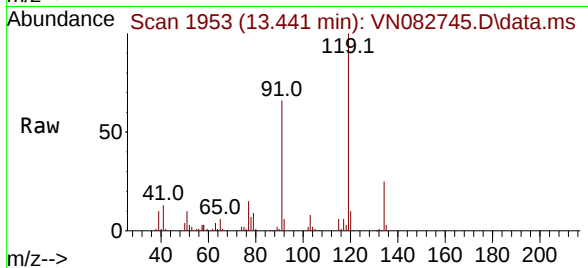
Tgt Ion: 91 Resp: 79404
Ion Ratio Lower Upper
91 100
126 34.2 16.2 48.6





#83
tert-Butylbenzene
Concen: 19.853 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN082745.D
Acq: 28 Jun 2024 12:19

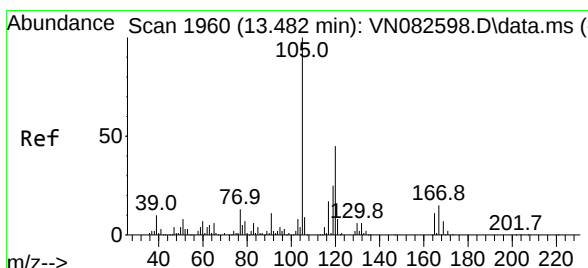
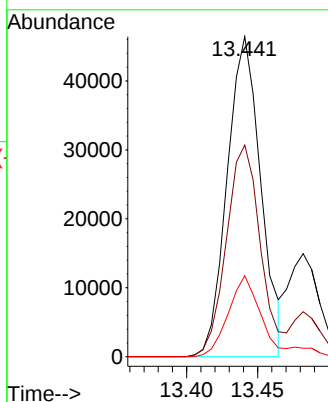
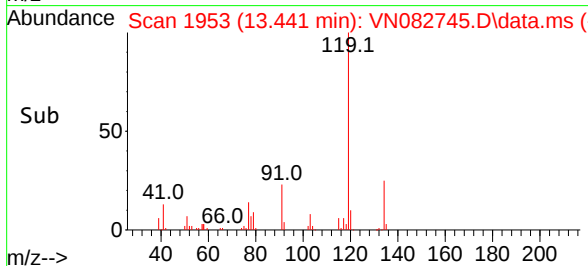
Instrument :
MSVOA_N
ClientSampleId :
VN0628WBSD01



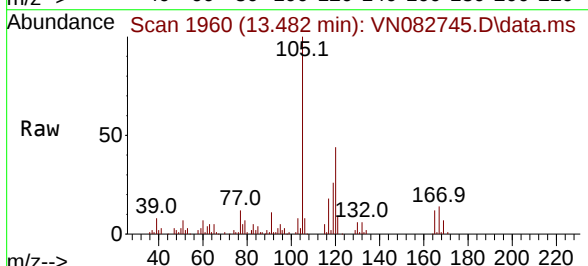
Tgt Ion:119 Resp: 7645
Ion Ratio Lower Upper
119 100
91 67.8 35.0 105.1
134 24.1 13.3 39.8

Manual Integrations
APPROVED

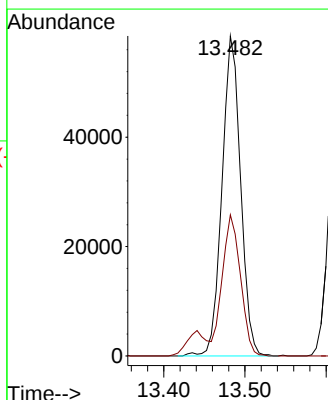
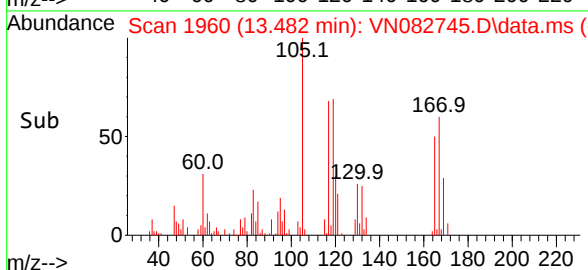
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024

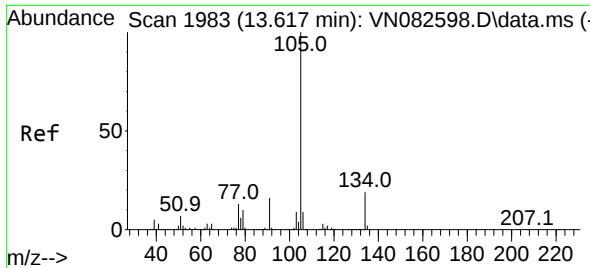


#84
1,2,4-Trimethylbenzene
Concen: 20.613 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN082745.D
Acq: 28 Jun 2024 12:19



Tgt Ion:105 Resp: 93234
Ion Ratio Lower Upper
105 100
120 43.2 21.9 65.8





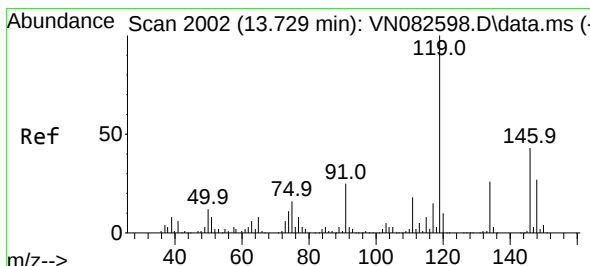
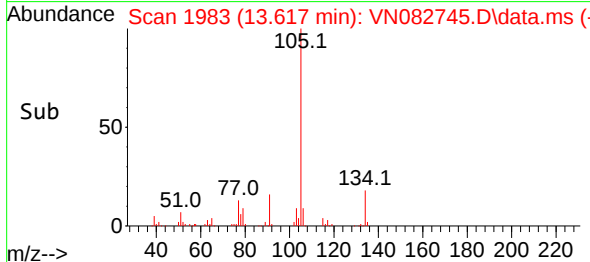
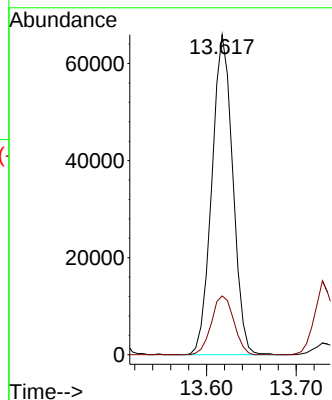
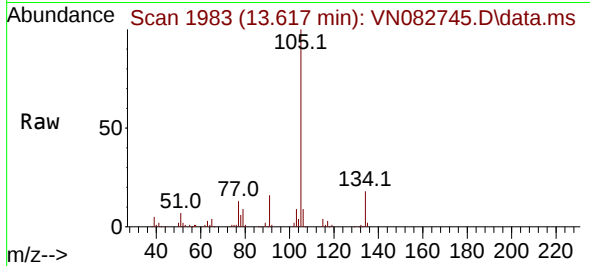
#85
 sec-Butylbenzene
 Concen: 19.785 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN082745.D
 Acq: 28 Jun 2024 12:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0628WBSD01

Tgt Ion:105 Resp: 10676
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.3

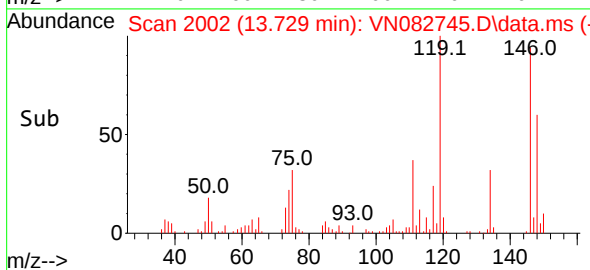
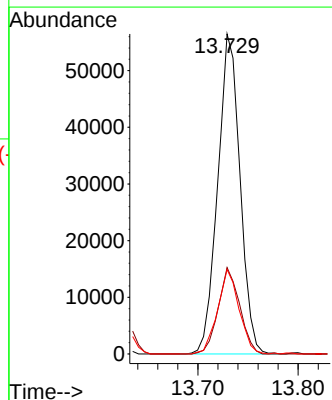
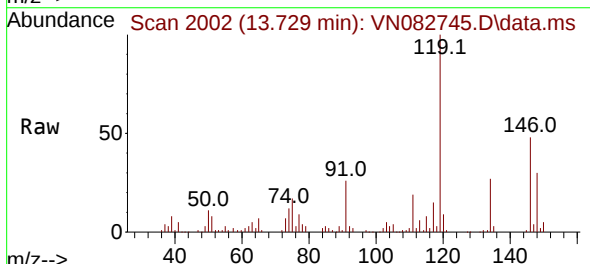
Manual Integrations
 APPROVED

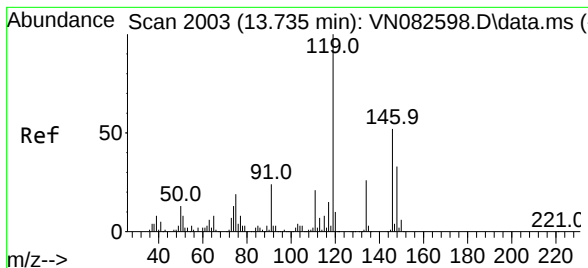
Reviewed By :John Carlone 07/01/2024
 Supervised By :Mahesh Dadoda 07/01/2024



#86
 p-Isopropyltoluene
 Concen: 20.119 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN082745.D
 Acq: 28 Jun 2024 12:19

Tgt Ion:119 Resp: 86981
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.0 39.0
 91 25.4 12.3 36.9





#87

1,3-Dichlorobenzene

Concen: 18.428 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN082745.D

Acq: 28 Jun 2024 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN0628WBSD01

Tgt Ion:146 Resp: 4885

Ion Ratio Lower Upper

146 100

111 41.0 20.6 61.9

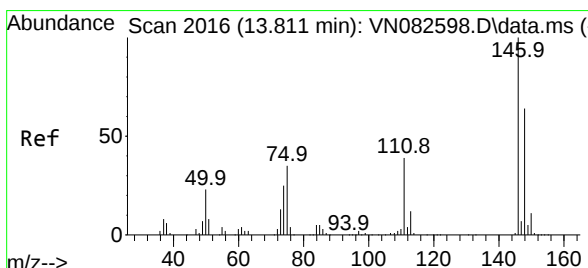
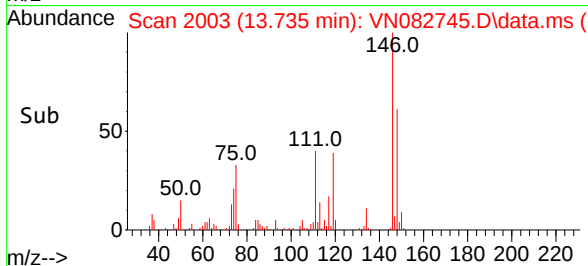
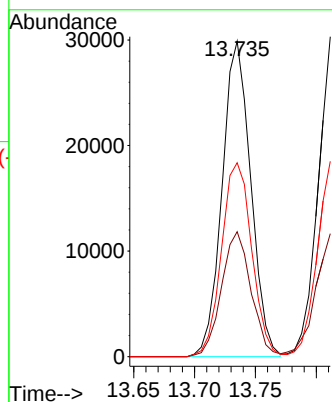
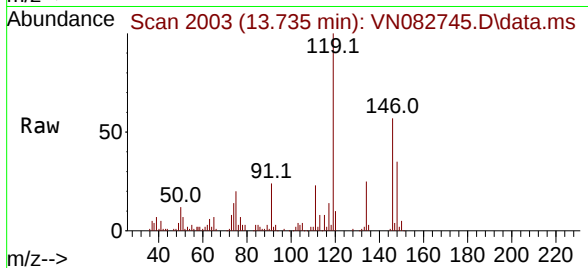
148 65.1 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/01/2024

Supervised By :Mahesh Dadoda 07/01/2024



#88

1,4-Dichlorobenzene

Concen: 18.169 ug/l

RT: 13.811 min Scan# 2016

Delta R.T. 0.000 min

Lab File: VN082745.D

Acq: 28 Jun 2024 12:19

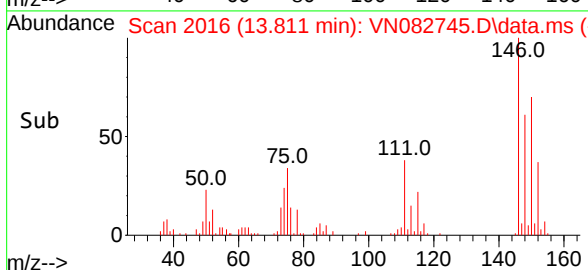
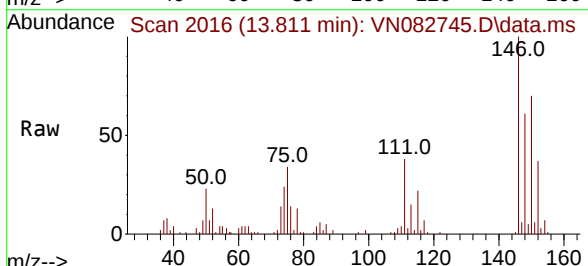
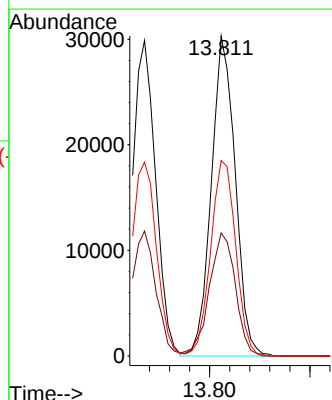
Tgt Ion:146 Resp: 50131

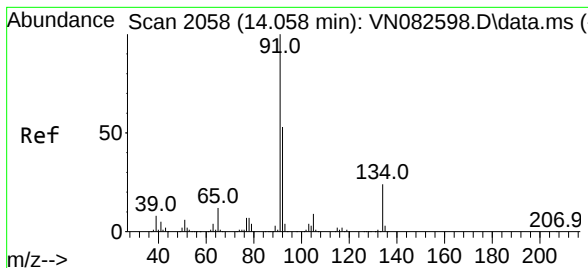
Ion Ratio Lower Upper

146 100

111 41.9 20.1 60.3

148 63.9 32.2 96.6





#89

n-Butylbenzene

Concen: 19.190 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.001 min

Lab File: VN082745.D

Acq: 28 Jun 2024 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN0628WBSD01

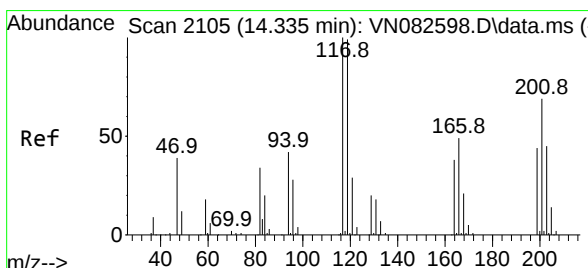
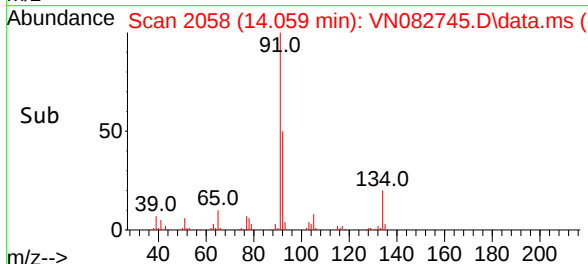
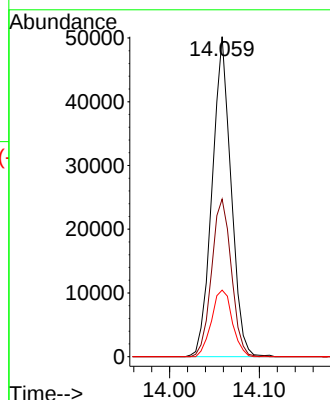
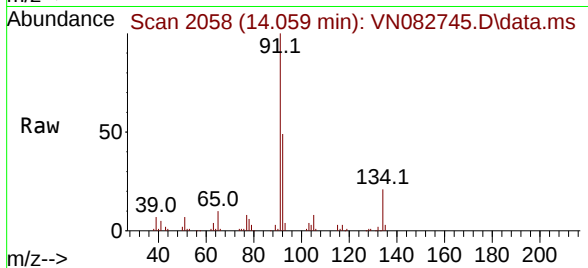
Tgt Ion: 91	Resp: 7346
Ion Ratio	Lower Upper
91	100
92	51.4 26.1 78.3
134	22.9 12.1 36.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/01/2024

Supervised By :Mahesh Dadoda 07/01/2024



#90

Hexachloroethane

Concen: 19.075 ug/l

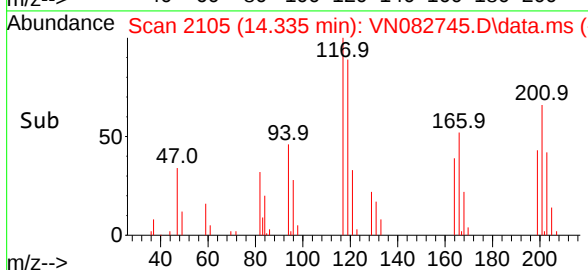
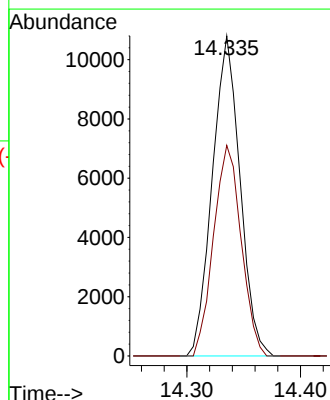
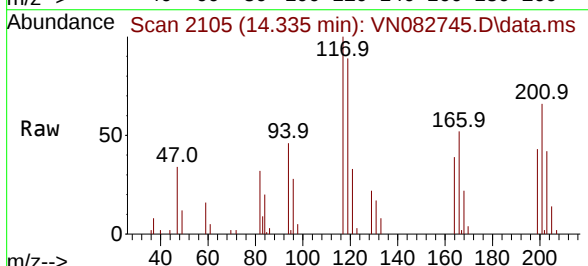
RT: 14.335 min Scan# 2105

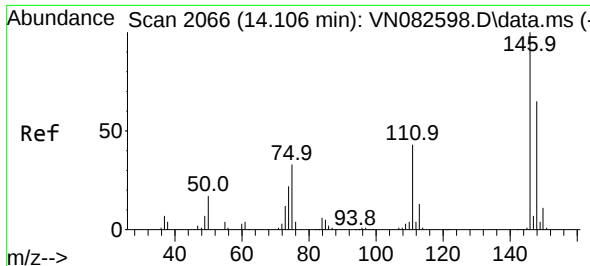
Delta R.T. -0.000 min

Lab File: VN082745.D

Acq: 28 Jun 2024 12:19

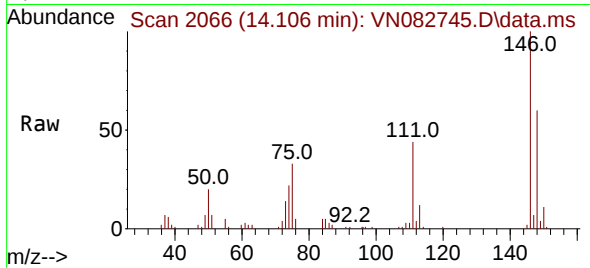
Tgt Ion: 117	Resp: 18311
Ion Ratio	Lower Upper
117	100
201	65.5 35.8 107.3





#91
1,2-Dichlorobenzene
Concen: 19.075 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN082745.D
Acq: 28 Jun 2024 12:19

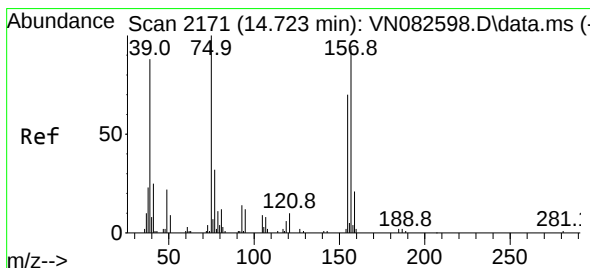
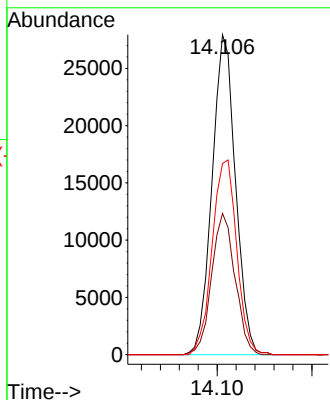
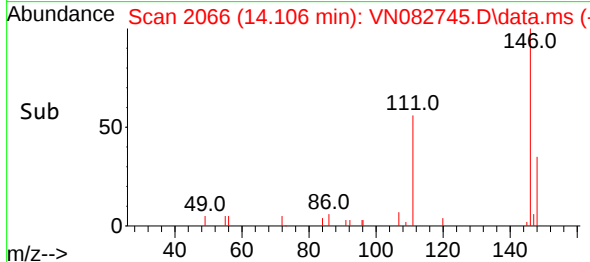
Instrument :
MSVOA_N
ClientSampleId :
VN0628WBSD01



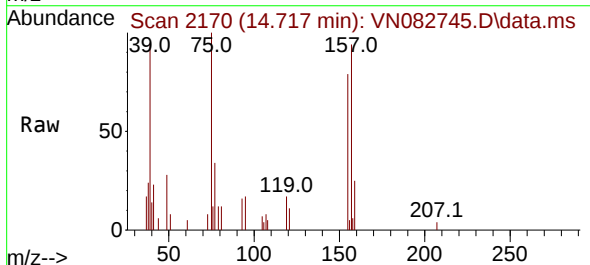
Tgt Ion:146 Resp: 48024
Ion Ratio Lower Upper
146 100
111 44.1 21.4 64.2
148 63.9 32.1 96.5

Manual Integrations
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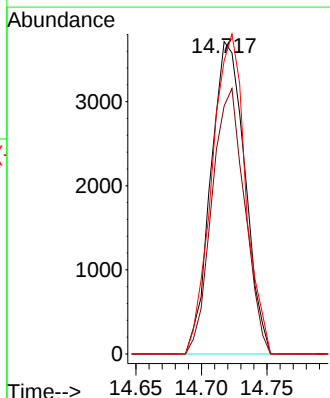
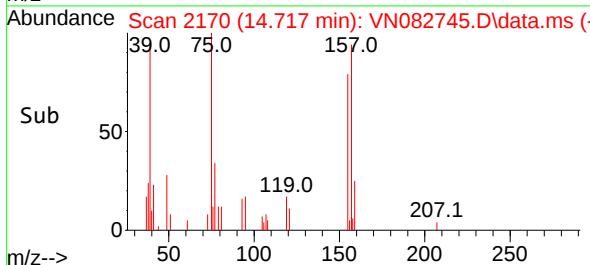
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024

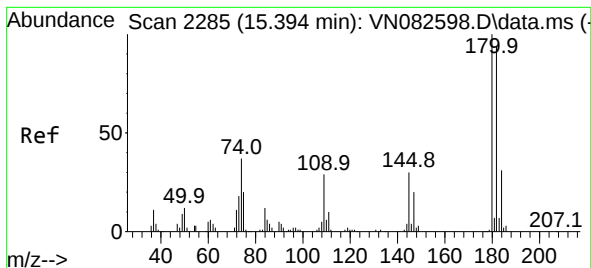


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.187 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN082745.D
Acq: 28 Jun 2024 12:19



Tgt Ion: 75 Resp: 6697
Ion Ratio Lower Upper
75 100
155 81.6 36.6 109.8
157 100.7 46.9 140.6





#93

1,2,4-Trichlorobenzene

Concen: 19.213 ug/l

RT: 15.394 min Scan# 2285

Delta R.T. -0.000 min

Lab File: VN082745.D

Acq: 28 Jun 2024 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN0628WBSD01

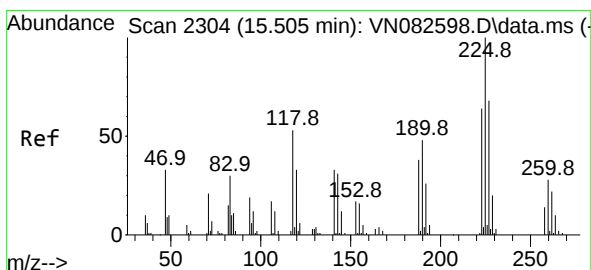
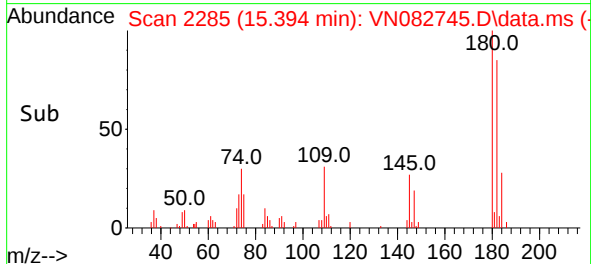
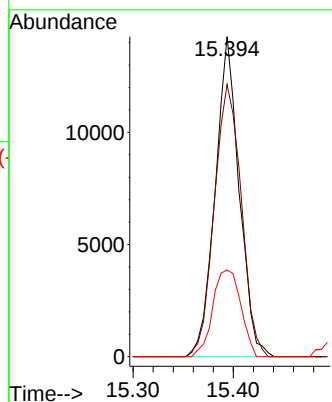
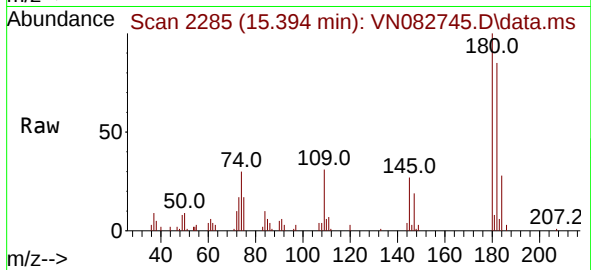
Tgt Ion:	180	Resp:	23614
Ion Ratio	Lower	Upper	
180	100		
182	95.8	47.3	141.8
145	31.7	15.7	47.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/01/2024

Supervised By :Mahesh Dadoda 07/01/2024



#94

Hexachlorobutadiene

Concen: 18.982 ug/l

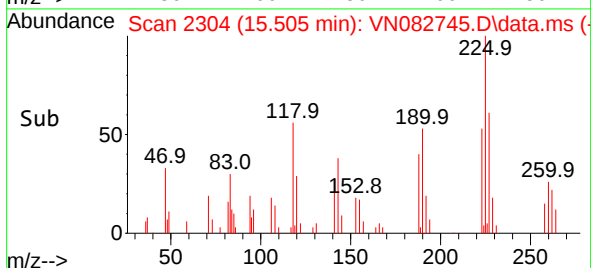
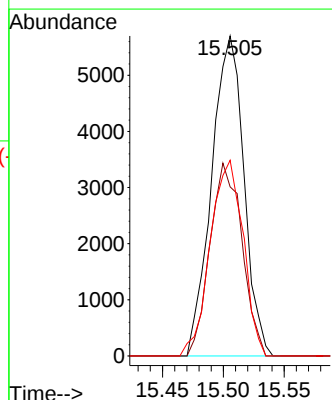
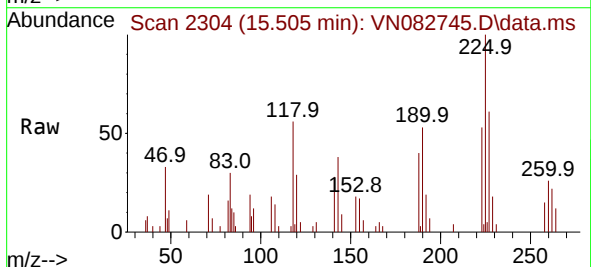
RT: 15.505 min Scan# 2304

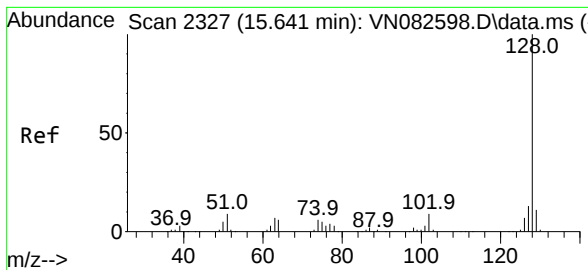
Delta R.T. 0.000 min

Lab File: VN082745.D

Acq: 28 Jun 2024 12:19

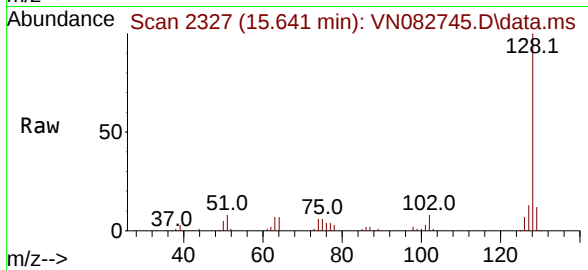
Tgt Ion:	225	Resp:	10553
Ion Ratio	Lower	Upper	
225	100		
223	59.6	31.9	95.7
227	62.1	32.5	97.5





#95
Naphthalene
Concen: 18.683 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN082745.D
Acq: 28 Jun 2024 12:19

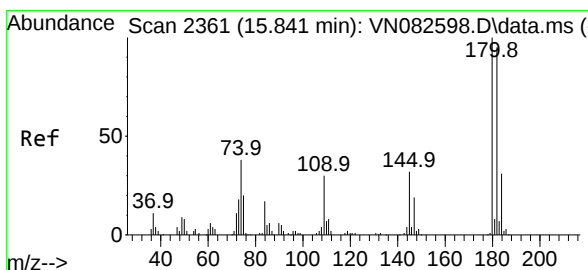
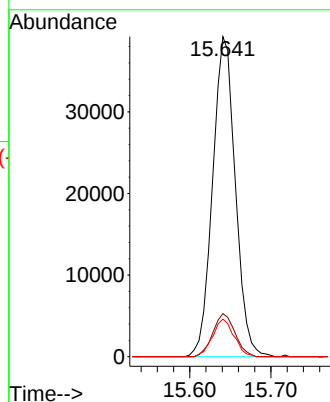
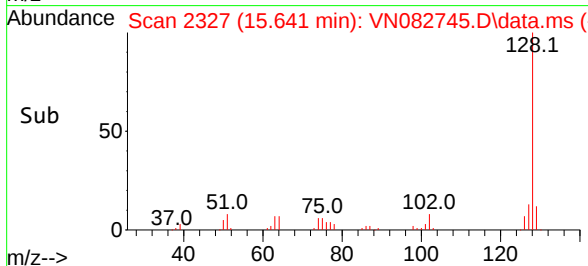
Instrument :
MSVOA_N
ClientSampleId :
VN0628WBSD01



Tgt Ion:128 Resp: 7626
Ion Ratio Lower Upper
128 100
127 13.1 10.6 16.0
129 11.1 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#96
1,2,3-Trichlorobenzene
Concen: 18.955 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN082745.D
Acq: 28 Jun 2024 12:19

Tgt Ion:180 Resp: 24844
Ion Ratio Lower Upper
180 100
182 91.5 48.9 146.8
145 34.2 16.8 50.4

