

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061924\
 Data File : VN082633.D
 Acq On : 19 Jun 2024 11:55
 Operator : JC\MD
 Sample : VN0619WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0619WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/20/2024
 Supervised By : Mahesh Dadoda 06/20/2024

Quant Time: Jun 20 02:57:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061724W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 18 04:52:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	170839	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	291033	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	266840	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	127054	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	149579	54.598	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.200%			
35) Dibromofluoromethane	8.171	113	101623	51.472	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.940%			
50) Toluene-d8	10.571	98	386965	51.829	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.660%			
62) 4-Bromofluorobenzene	12.853	95	131988	51.275	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 102.560%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	45376	19.018	ug/l	100
3) Chloromethane	2.359	50	50057	17.501	ug/l	99
4) Vinyl Chloride	2.512	62	48924	17.974	ug/l	95
5) Bromomethane	2.953	94	32328	18.450	ug/l	94
6) Chloroethane	3.118	64	34744	17.900	ug/l	91
7) Trichlorofluoromethane	3.495	101	64429	18.143	ug/l	100
8) Diethyl Ether	3.959	74	22347	18.478	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.365	101	37211	18.707	ug/l	99
10) Methyl Iodide	4.589	142	35746	18.866	ug/l	97
11) Tert butyl alcohol	5.530	59	46408	103.501	ug/l	99
12) 1,1-Dichloroethene	4.342	96	33729	17.732	ug/l	97
13) Acrolein	4.183	56	38833	85.019	ug/l	98
14) Allyl chloride	5.030	41	73230	19.685	ug/l	89
15) Acrylonitrile	5.724	53	118672	100.267	ug/l	99
16) Acetone	4.430	43	112271	90.108	ug/l	100
17) Carbon Disulfide	4.712	76	103112	17.069	ug/l	100
18) Methyl Acetate	5.030	43	62324	20.452	ug/l	100
19) Methyl tert-butyl Ether	5.800	73	127909	19.645	ug/l	100
20) Methylene Chloride	5.283	84	41954	19.153	ug/l	91
21) trans-1,2-Dichloroethene	5.789	96	37770	18.684	ug/l	98
22) Diisopropyl ether	6.677	45	152137	19.500	ug/l	96
23) Vinyl Acetate	6.606	43	608141	98.298	ug/l	100
24) 1,1-Dichloroethane	6.571	63	80089	18.950	ug/l	98
25) 2-Butanone	7.488	43	174362	98.456	ug/l	98
26) 2,2-Dichloropropane	7.494	77	65438	17.849	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	43760	17.965	ug/l	99
28) Bromochloromethane	7.812	49	40259	20.873	ug/l	98
29) Tetrahydrofuran	7.847	42	116934	107.858	ug/l	99
30) Chloroform	7.965	83	80653	19.564	ug/l	98
31) Cyclohexane	8.265	56	69107	17.479	ug/l	96
32) 1,1,1-Trichloroethane	8.171	97	69272	18.530	ug/l	99
36) 1,1-Dichloropropene	8.371	75	53687	18.190	ug/l	99
37) Ethyl Acetate	7.559	43	69203	18.407	ug/l	99
38) Carbon Tetrachloride	8.365	117	60846	18.293	ug/l	98
39) Methylcyclohexane	9.606	83	53963	17.374	ug/l	94
40) Benzene	8.612	78	169216	18.555	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	37011	19.259	ug/l	97
42) 1,2-Dichloroethane	8.671	62	67379	19.424	ug/l	98
43) Isopropyl Acetate	8.694	43	122900	17.492	ug/l	99
44) Trichloroethene	9.359	130	38458	18.161	ug/l	90
45) 1,2-Dichloropropane	9.624	63	44185	18.823	ug/l	93
46) Dibromomethane	9.712	93	31139	19.569	ug/l	100
47) Bromodichloromethane	9.888	83	63933	18.846	ug/l	95
48) Methyl methacrylate	9.682	41	54286	18.742	ug/l	97
49) 1,4-Dioxane	9.700	88	19456	429.444	ug/l	94
51) 4-Methyl-2-Pentanone	10.447	43	366994	101.837	ug/l	100
52) Toluene	10.635	92	102577	18.560	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	65810	18.976	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	69066	19.259	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	42202	21.097	ug/l	92
56) Ethyl methacrylate	10.876	69	64088	19.344	ug/l	98
57) 1,3-Dichloropropane	11.165	76	71589	19.359	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	161793	92.315	ug/l	99
59) 2-Hexanone	11.200	43	278560	101.701	ug/l	99
60) Dibromochloromethane	11.365	129	48588	19.898	ug/l	98
61) 1,2-Dibromoethane	11.470	107	41591	19.720	ug/l	100
64) Tetrachloroethene	11.106	164	38684	17.582	ug/l	96
65) Chlorobenzene	11.894	112	112674	18.414	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	40948	18.767	ug/l	98
67) Ethyl Benzene	11.965	91	185701	17.811	ug/l	98
68) m/p-Xylenes	12.070	106	144118	37.154	ug/l	98
69) o-Xylene	12.400	106	66846	18.343	ug/l	98
70) Styrene	12.417	104	115917	18.741	ug/l	99
71) Bromoform	12.582	173	33335	19.324	ug/l #	99
73) Isopropylbenzene	12.700	105	170957	17.720	ug/l	99
74) N-amyl acetate	12.494	43	95131	18.476	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	59207	18.814	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	50195m	16.153	ug/l	
77) Bromobenzene	12.982	156	44806	18.042	ug/l	98
78) n-propylbenzene	13.041	91	206973	18.136	ug/l	99
79) 2-Chlorotoluene	13.129	91	126566	17.685	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	143716	18.356	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	22410	17.253	ug/l	98
82) 4-Chlorotoluene	13.223	91	130223	18.215	ug/l	100
83) tert-Butylbenzene	13.441	119	119291	17.887	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	145644	18.543	ug/l	99
85) sec-Butylbenzene	13.617	105	168389	17.778	ug/l	100
86) p-Isopropyltoluene	13.735	119	139762	18.324	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	81381	18.074	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	82702	17.572	ug/l	99
89) n-Butylbenzene	14.059	91	118827	17.563	ug/l	98
90) Hexachloroethane	14.335	117	30959	18.655	ug/l	94
91) 1,2-Dichlorobenzene	14.106	146	79334	18.045	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	13141	19.730	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	40692	17.552	ug/l	99
94) Hexachlorobutadiene	15.506	225	18157	15.885	ug/l	98
95) Naphthalene	15.641	128	130104	18.241	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	41554	17.588	ug/l	100

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

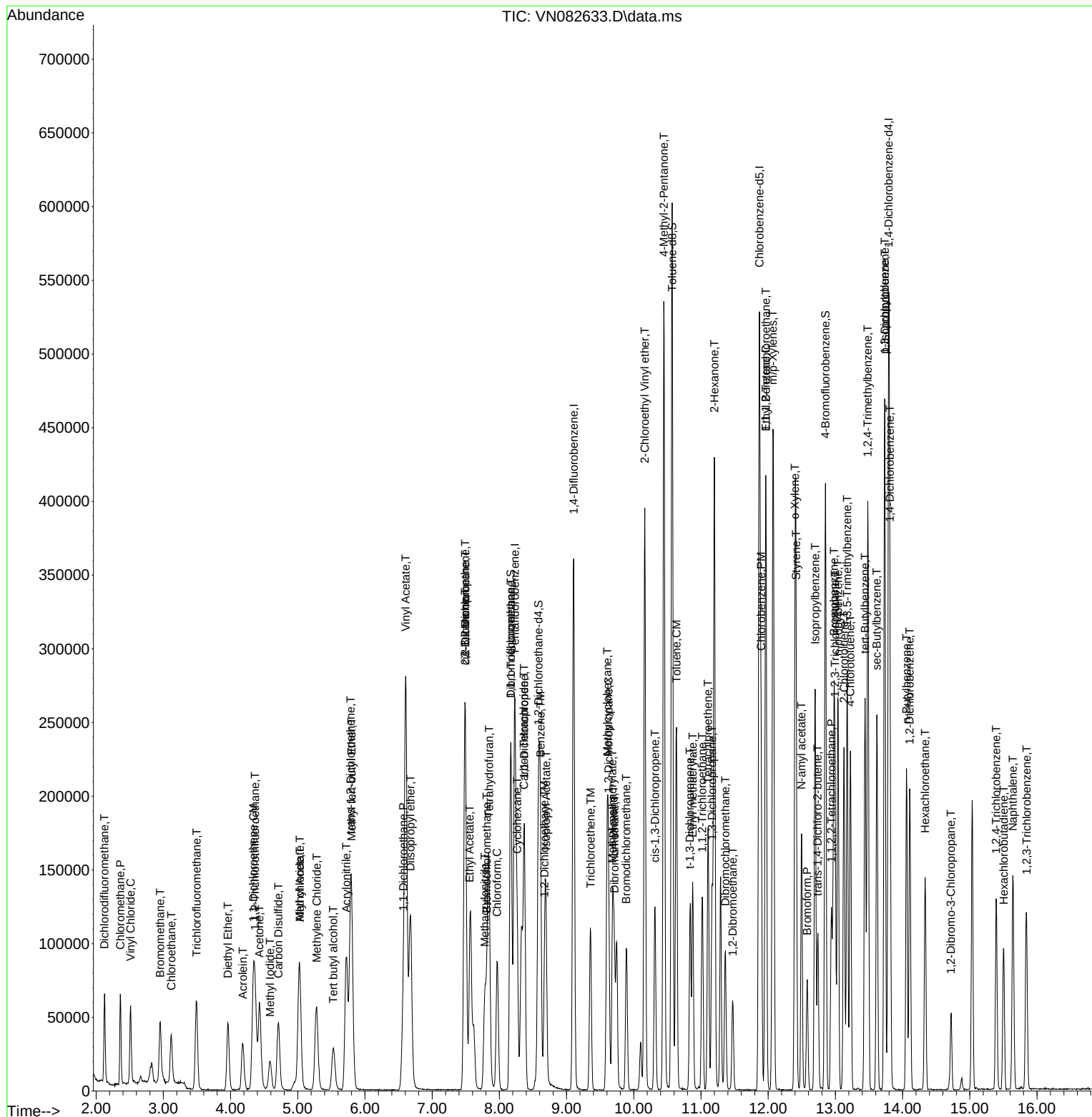
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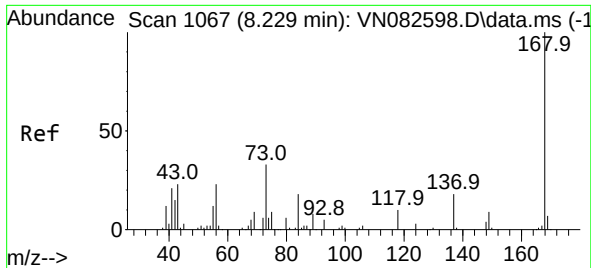
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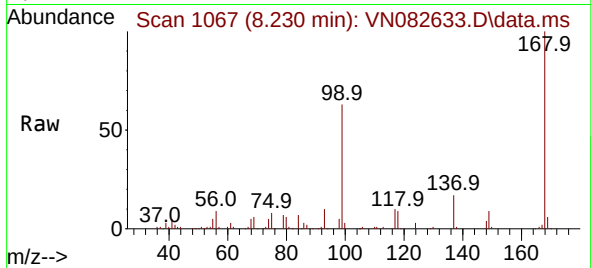
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
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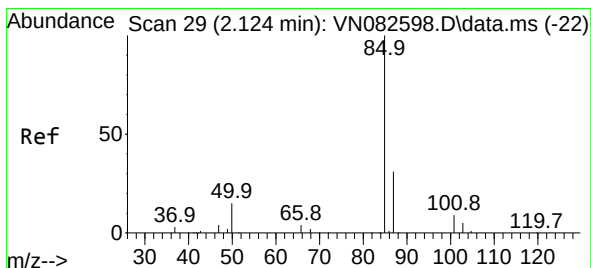
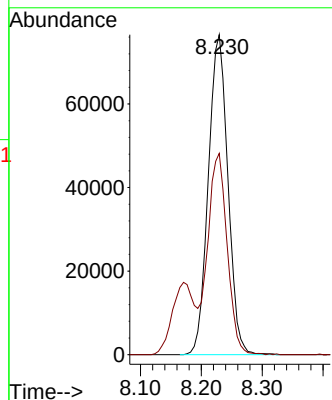
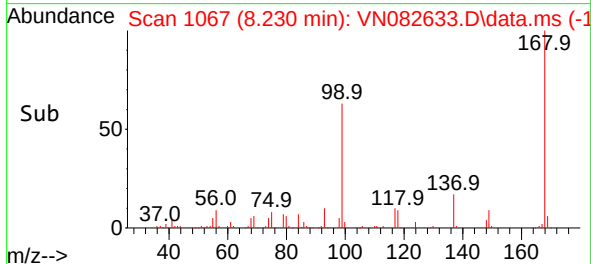
Instrument :
MSVOA_N
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Tgt Ion:168 Resp: 170839
Ion Ratio Lower Upper
168 100
99 62.9 48.2 72.4

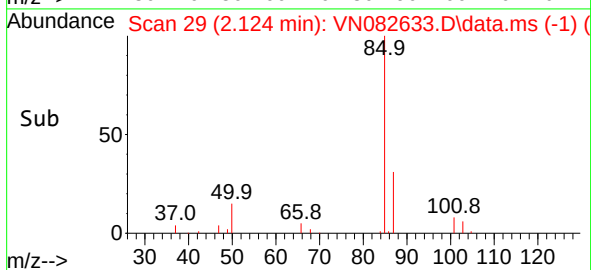
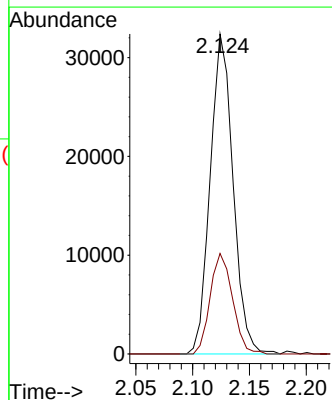
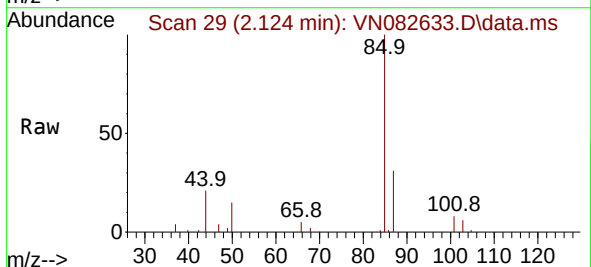
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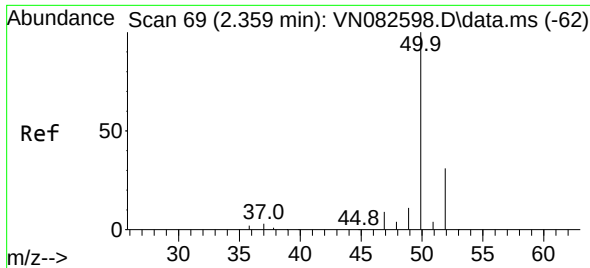
Reviewed By :John Carlone 06/20/2024
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#2
Dichlorodifluoromethane
Concen: 19.018 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN082633.D
Acq: 19 Jun 2024 11:55

Tgt Ion: 85 Resp: 45376
Ion Ratio Lower Upper
85 100
87 31.4 15.7 47.0





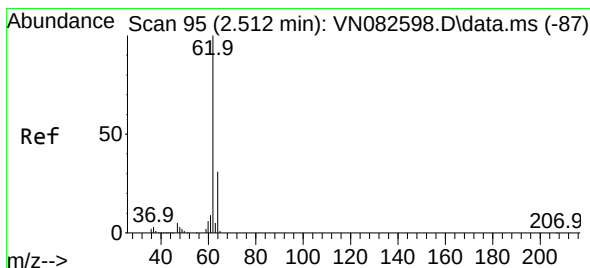
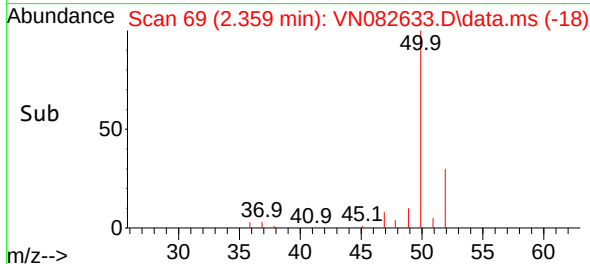
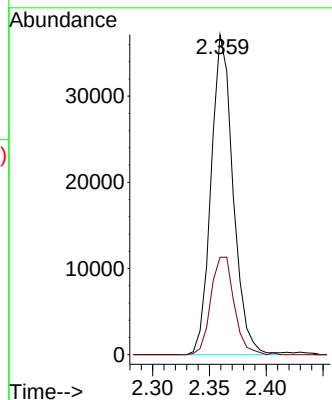
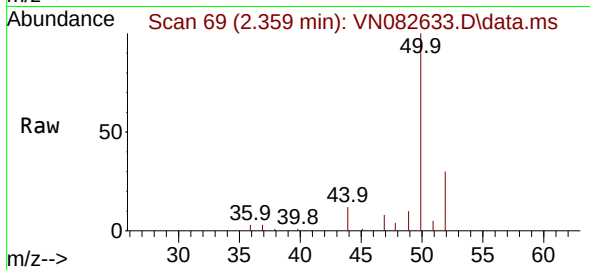
#3
Chloromethane
Concen: 17.501 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN082633.D
Acq: 19 Jun 2024 11:55

Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 5005
Ion Ratio Lower Upper
50 100
52 30.4 25.0 37.4

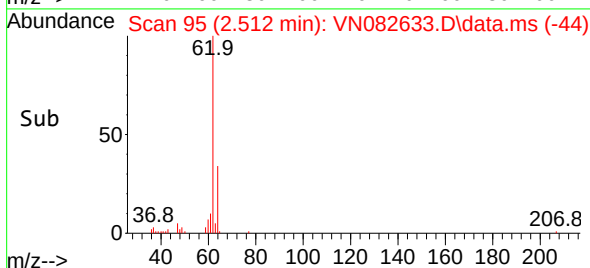
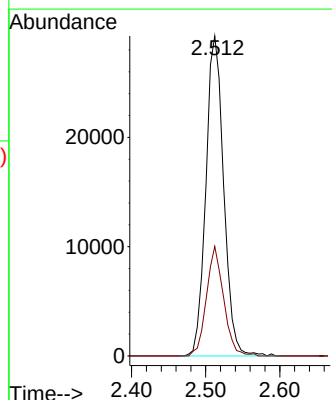
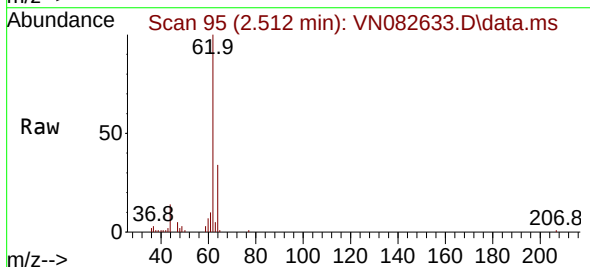
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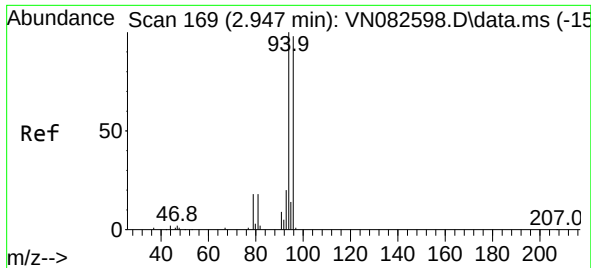
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#4
Vinyl Chloride
Concen: 17.974 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN082633.D
Acq: 19 Jun 2024 11:55

Tgt Ion: 62 Resp: 48924
Ion Ratio Lower Upper
62 100
64 34.3 25.0 37.6





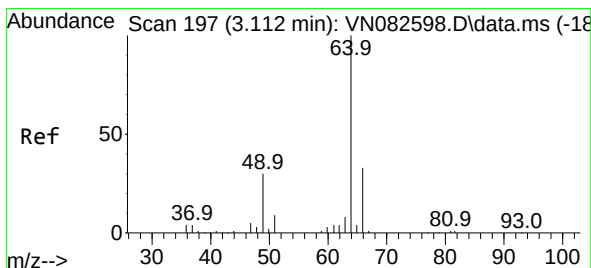
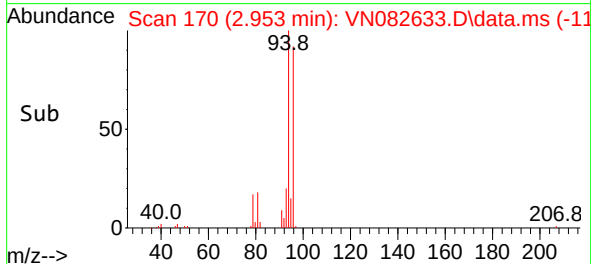
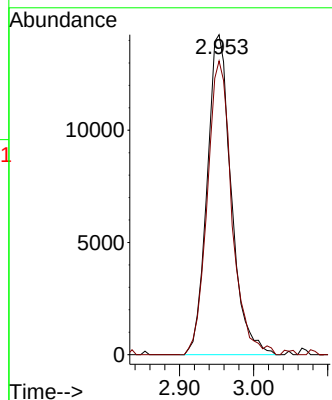
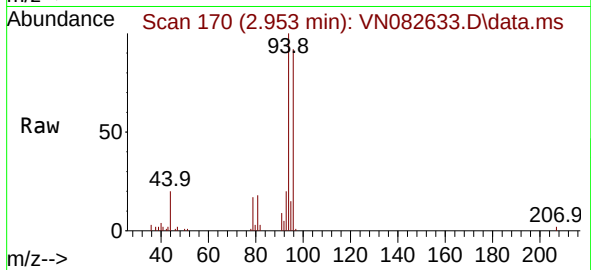
#5
Bromomethane
Concen: 18.450 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082633.D
Acq: 19 Jun 2024 11:55

Instrument :
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Tgt Ion: 94 Resp: 32328
Ion Ratio Lower Upper
94 100
96 91.8 78.0 117.0

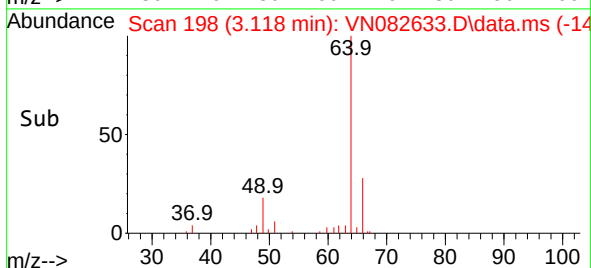
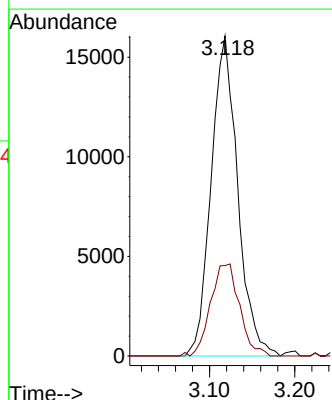
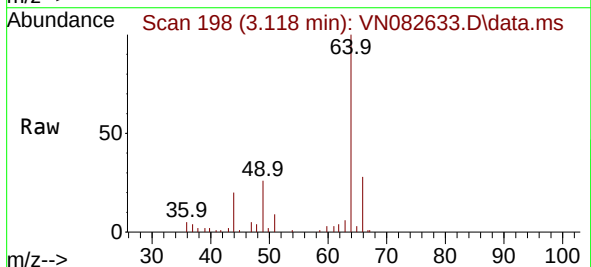
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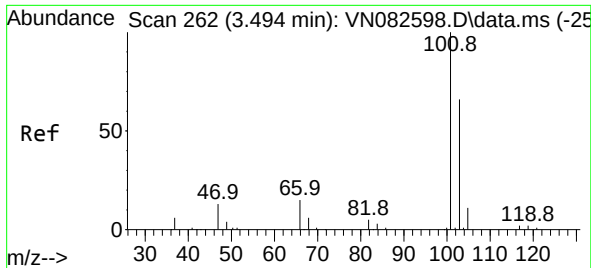
Reviewed By :John Carlone 06/20/2024
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#6
Chloroethane
Concen: 17.900 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.006 min
Lab File: VN082633.D
Acq: 19 Jun 2024 11:55

Tgt Ion: 64 Resp: 34744
Ion Ratio Lower Upper
64 100
66 28.2 26.6 40.0





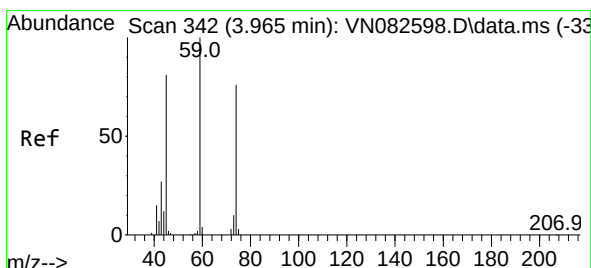
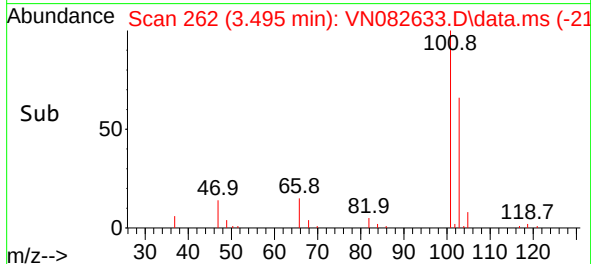
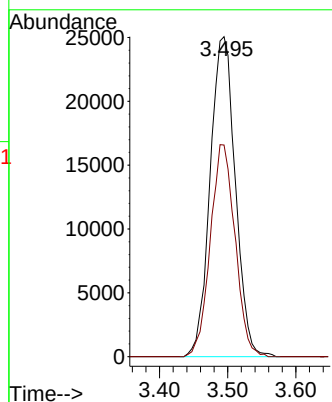
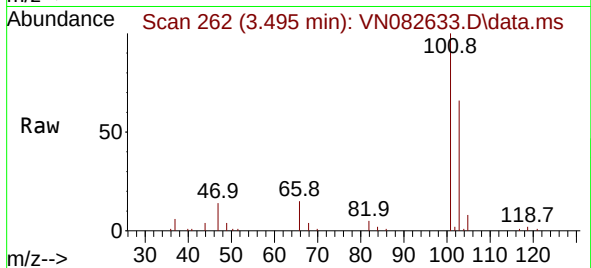
#7
Trichlorofluoromethane
Concen: 18.143 ug/l
RT: 3.495 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN082633.D
Acq: 19 Jun 2024 11:55

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 64429
Ion Ratio Lower Upper
101 100
103 66.1 52.7 79.1

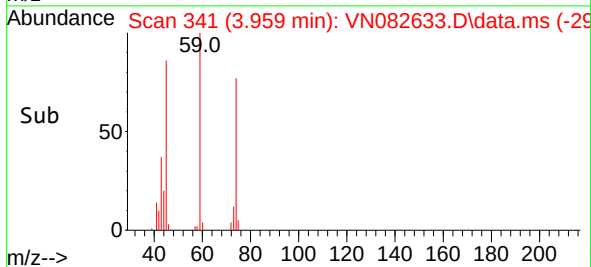
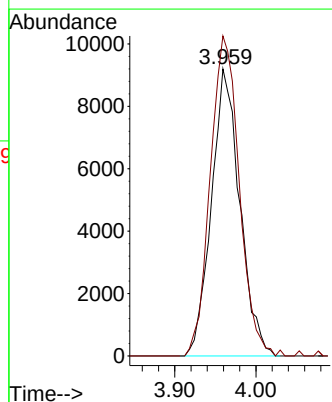
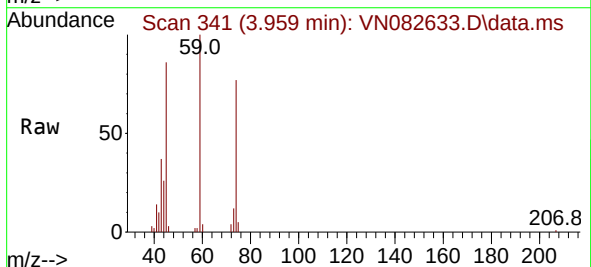
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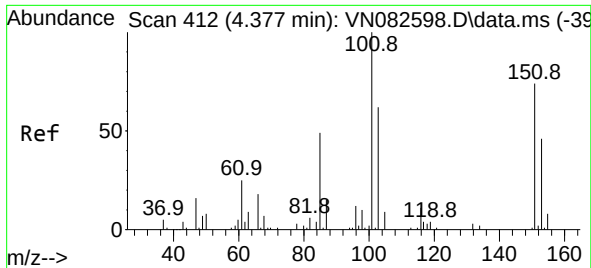
Reviewed By :John Carlone 06/20/2024
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#8
Diethyl Ether
Concen: 18.478 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.006 min
Lab File: VN082633.D
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Tgt Ion: 74 Resp: 22347
Ion Ratio Lower Upper
74 100
45 114.1 55.5 166.3





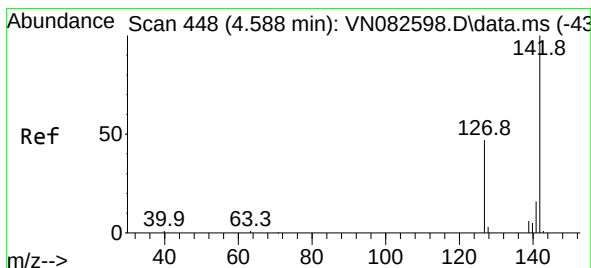
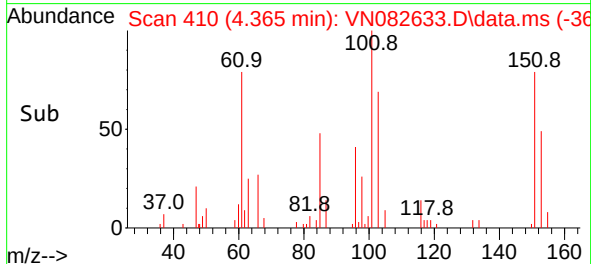
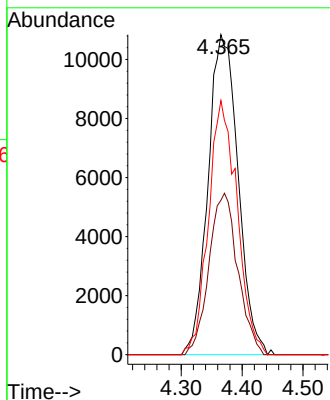
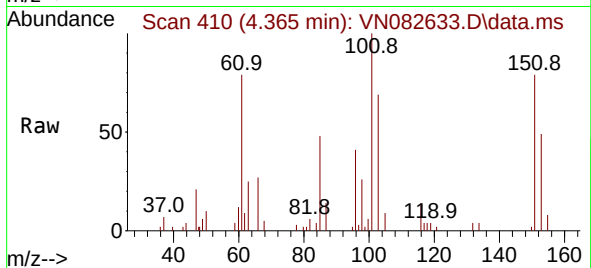
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.707 ug/l
RT: 4.365 min Scan# 412
Delta R.T. -0.012 min
Lab File: VN082633.D
Acq: 19 Jun 2024 11:55

Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01

Tgt Ion:101 Resp: 3721
Ion Ratio Lower Upper
101 100
85 48.4 38.3 57.5
151 75.7 59.3 88.9

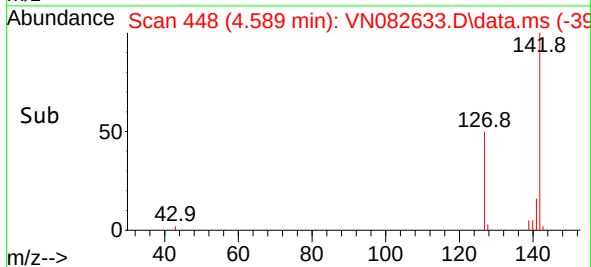
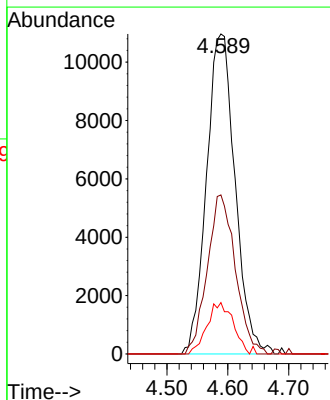
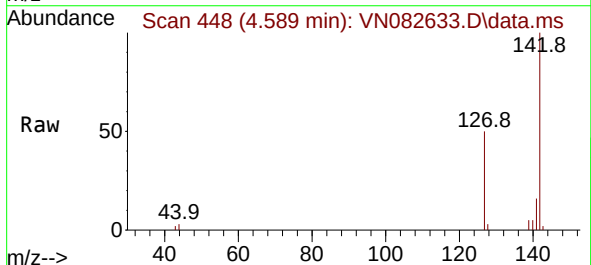
Manual Integrations
APPROVED

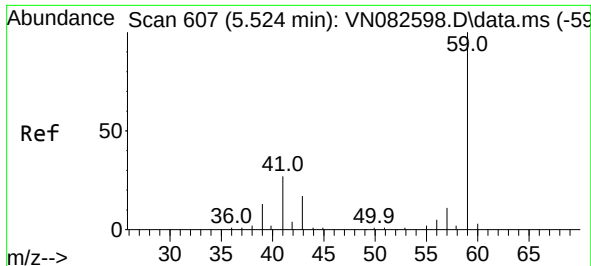
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#10
Methyl Iodide
Concen: 18.866 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN082633.D
Acq: 19 Jun 2024 11:55

Tgt Ion:142 Resp: 35746
Ion Ratio Lower Upper
142 100
127 49.7 37.5 56.3
141 16.1 13.1 19.7





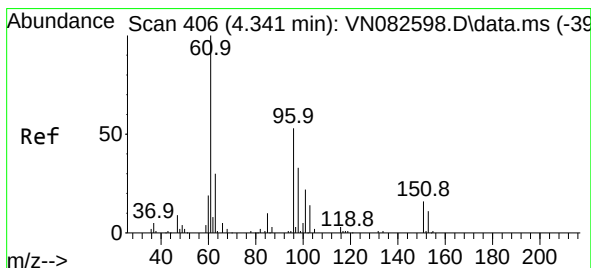
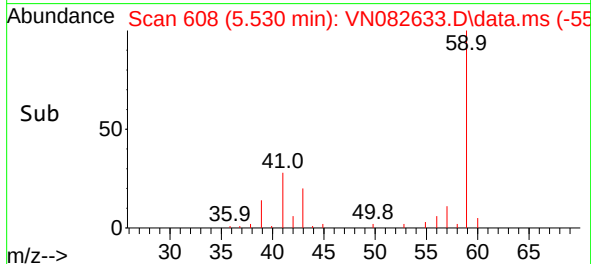
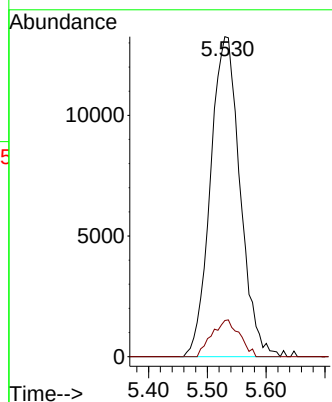
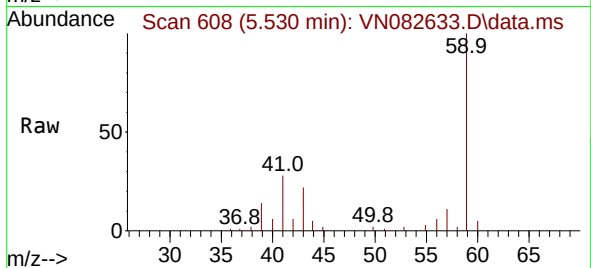
#11
Tert butyl alcohol
Concen: 103.501 ug/l
RT: 5.530 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN082633.D
Acq: 19 Jun 2024 11:55

Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01

Tgt Ion: 59 Resp: 46408
Ion Ratio Lower Upper
59 100
57 10.7 8.9 13.3

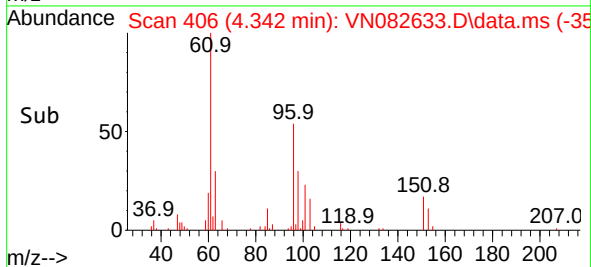
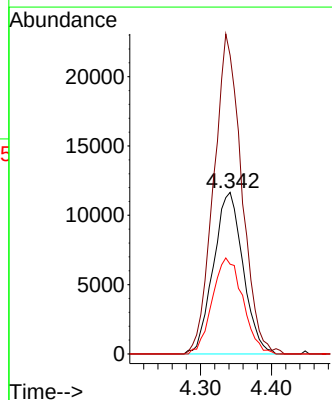
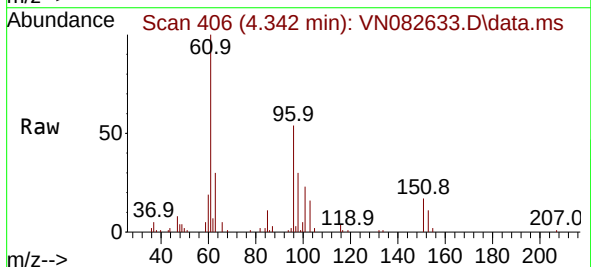
Manual Integrations
APPROVED

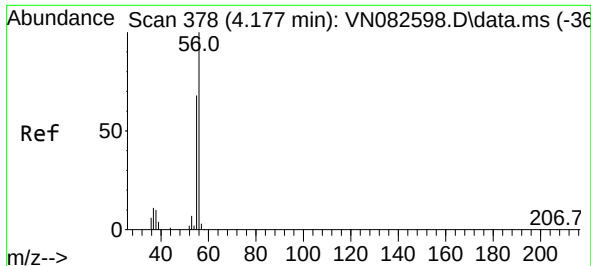
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#12
1,1-Dichloroethene
Concen: 17.732 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN082633.D
Acq: 19 Jun 2024 11:55

Tgt Ion: 96 Resp: 33729
Ion Ratio Lower Upper
96 100
61 184.8 149.7 224.5
98 55.5 50.1 75.1





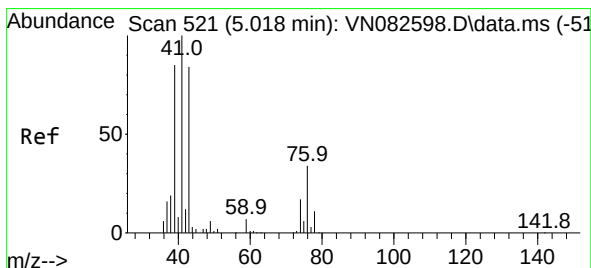
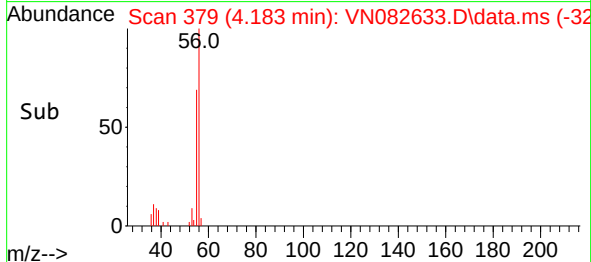
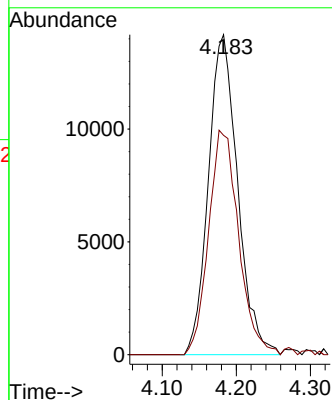
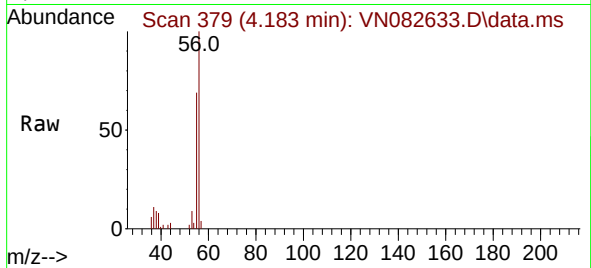
#13
Acrolein
Concen: 85.019 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN082633.D
Acq: 19 Jun 2024 11:55

Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01

Tgt Ion: 56 Resp: 3883
Ion Ratio Lower Upper
56 100
55 72.0 56.4 84.6

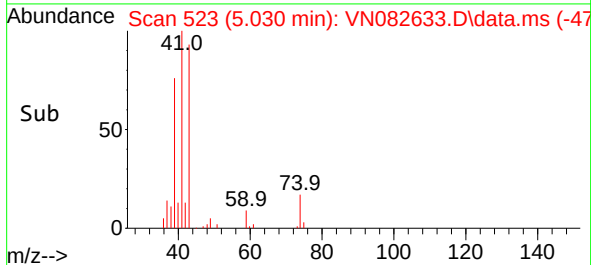
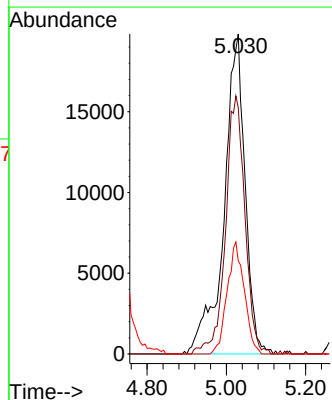
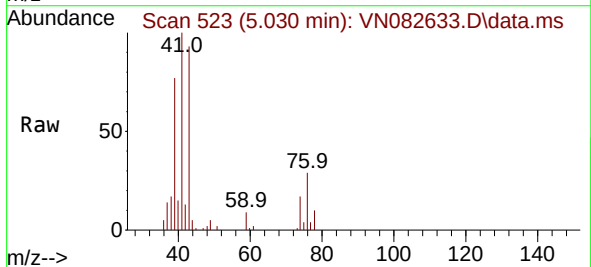
Manual Integrations
APPROVED

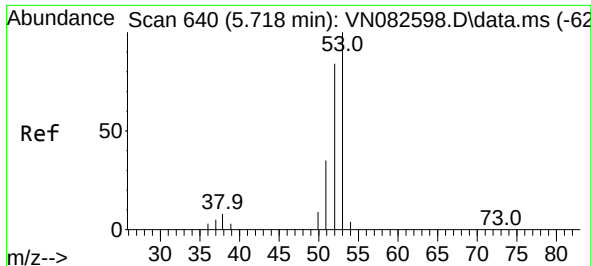
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#14
Allyl chloride
Concen: 19.685 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN082633.D
Acq: 19 Jun 2024 11:55

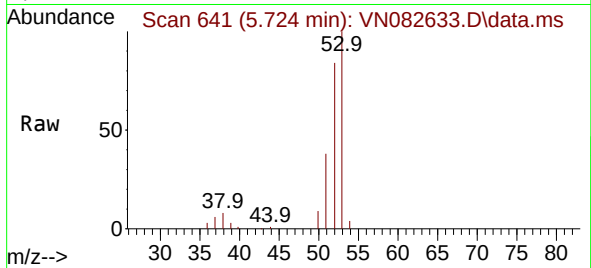
Tgt Ion: 41 Resp: 73230
Ion Ratio Lower Upper
41 100
39 73.9 67.8 101.6
76 28.4 25.8 38.8





#15
Acrylonitrile
Concen: 100.267 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN082633.D
Acq: 19 Jun 2024 11:55

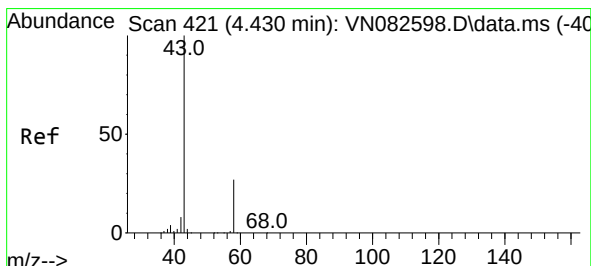
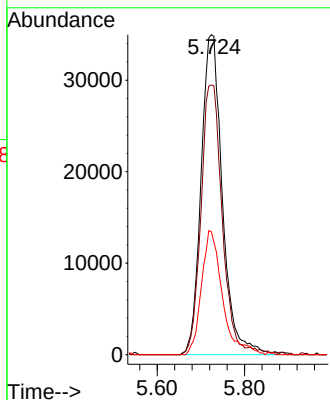
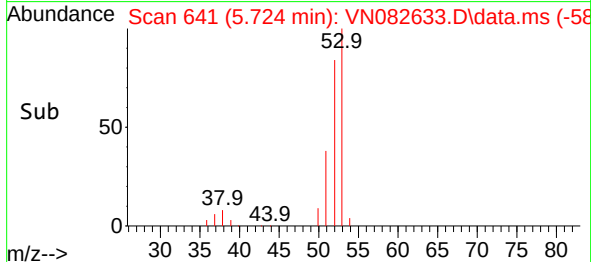
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01



Tgt Ion: 53 Resp: 118672
Ion Ratio Lower Upper
53 100
52 84.6 66.6 100.0
51 38.2 30.1 45.1

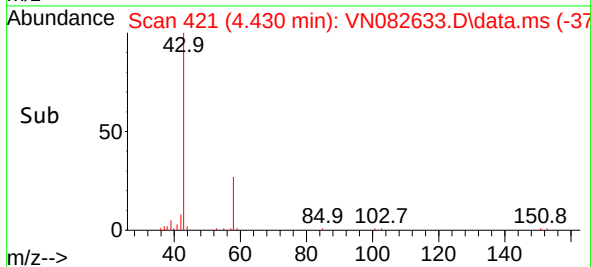
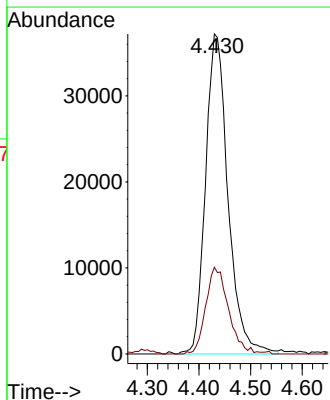
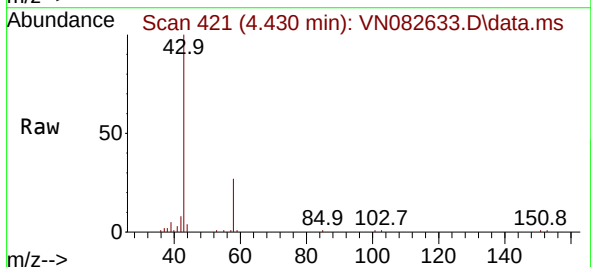
Manual Integrations
APPROVED

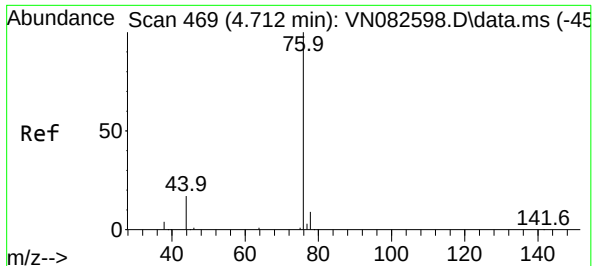
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#16
Acetone
Concen: 90.108 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.000 min
Lab File: VN082633.D
Acq: 19 Jun 2024 11:55

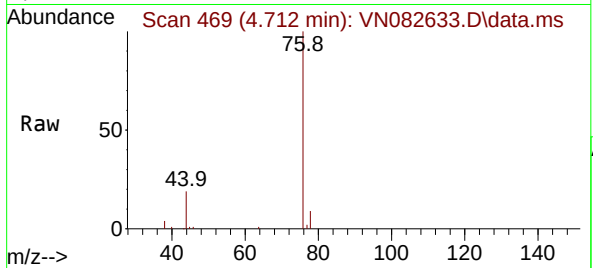
Tgt Ion: 43 Resp: 112271
Ion Ratio Lower Upper
43 100
58 27.1 21.8 32.6





#17
Carbon Disulfide
Concen: 17.069 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN082633.D
Acq: 19 Jun 2024 11:55

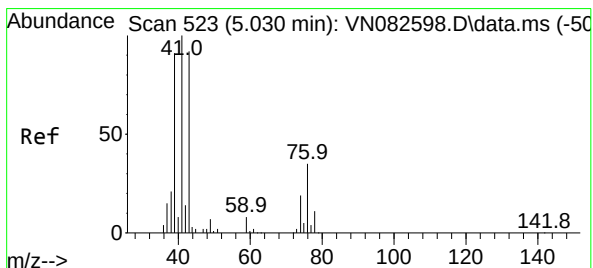
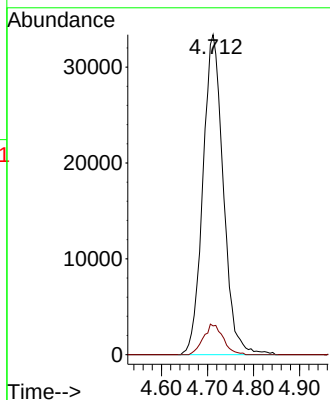
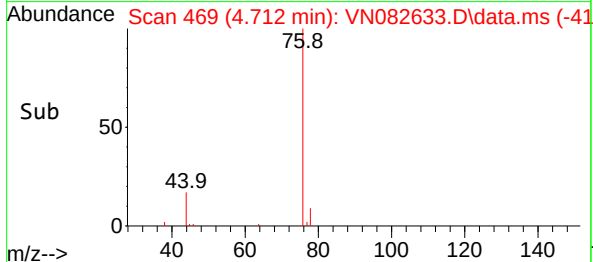
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01



Tgt Ion: 76 Resp: 103112
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8

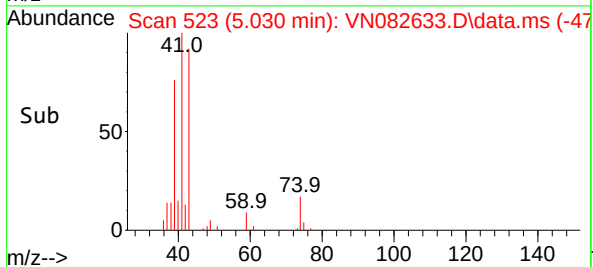
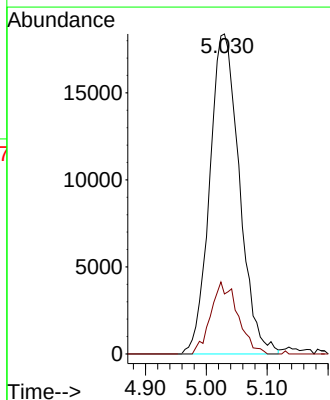
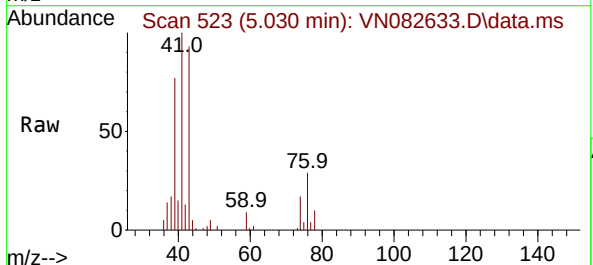
Manual Integrations
APPROVED

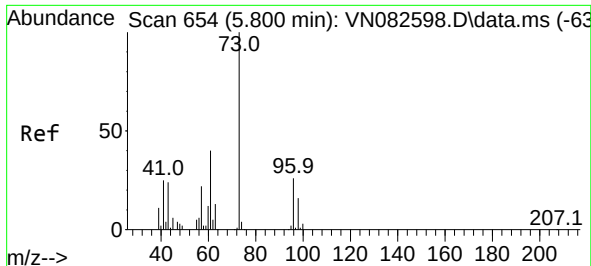
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#18
Methyl Acetate
Concen: 20.452 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.000 min
Lab File: VN082633.D
Acq: 19 Jun 2024 11:55

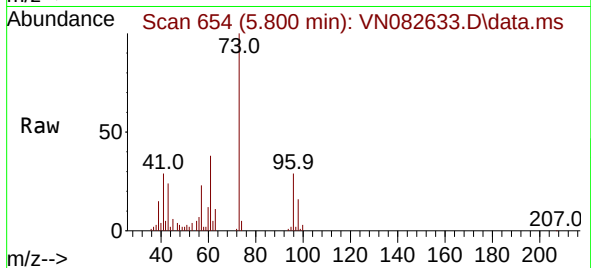
Tgt Ion: 43 Resp: 62324
Ion Ratio Lower Upper
43 100
74 20.4 16.3 24.5





#19
Methyl tert-butyl Ether
Concen: 19.645 ug/l
RT: 5.800 min Scan# 654
Delta R.T. 0.000 min
Lab File: VN082633.D
Acq: 19 Jun 2024 11:55

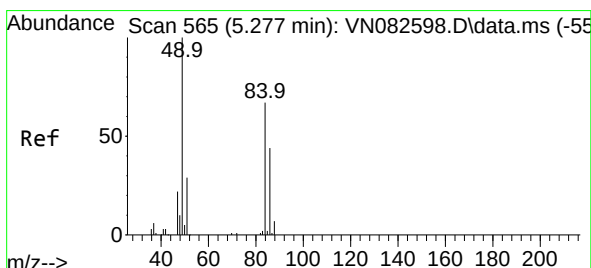
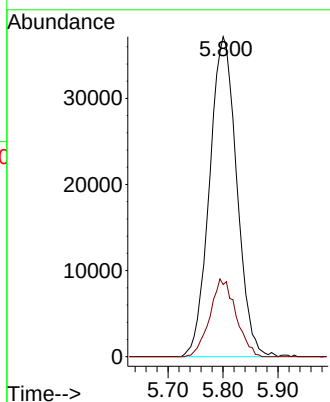
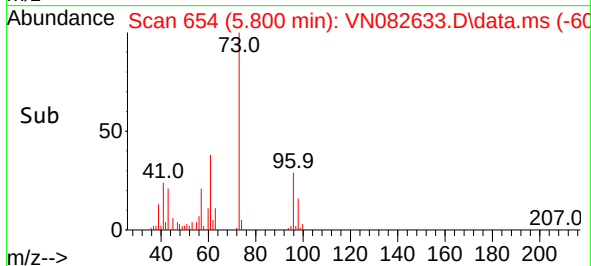
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01



Tgt Ion: 73 Resp: 127909
Ion Ratio Lower Upper
73 100
57 22.6 17.9 26.9

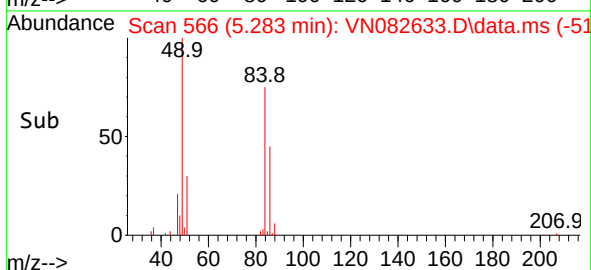
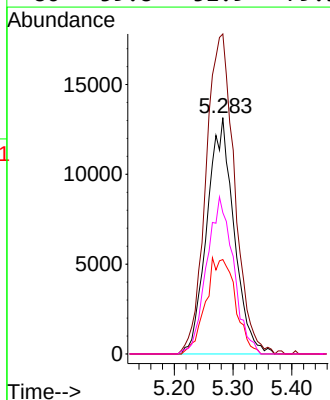
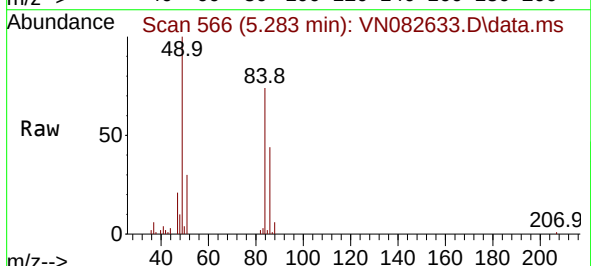
Manual Integrations
APPROVED

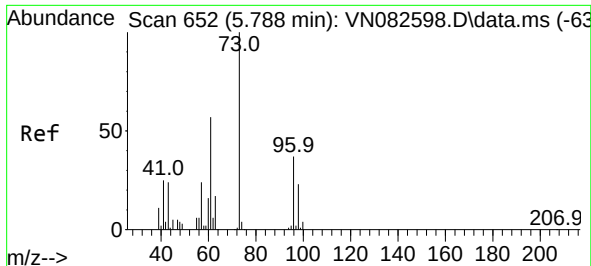
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#20
Methylene Chloride
Concen: 19.153 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN082633.D
Acq: 19 Jun 2024 11:55

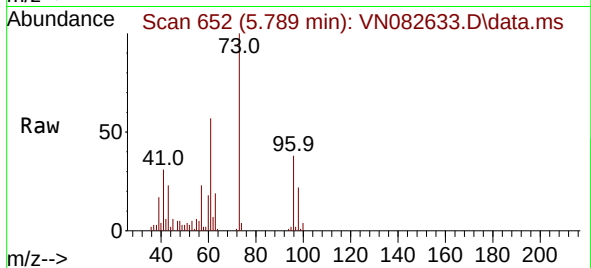
Tgt Ion: 84 Resp: 41954
Ion Ratio Lower Upper
84 100
49 135.4 119.6 179.4
51 40.0 34.8 52.2
86 59.8 52.9 79.3





#21
trans-1,2-Dichloroethene
Concen: 18.684 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN082633.D
Acq: 19 Jun 2024 11:55

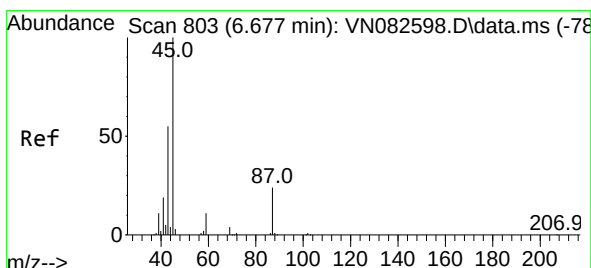
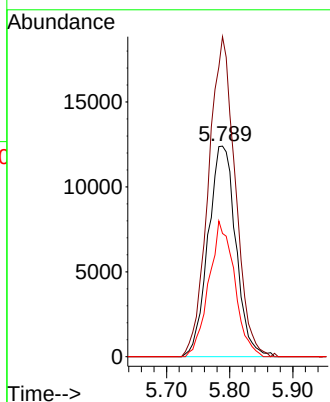
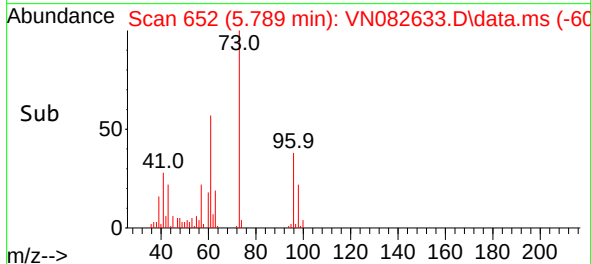
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01



Tgt Ion: 96 Resp: 37770
Ion Ratio Lower Upper
96 100
61 151.9 123.4 185.2
98 58.5 49.3 73.9

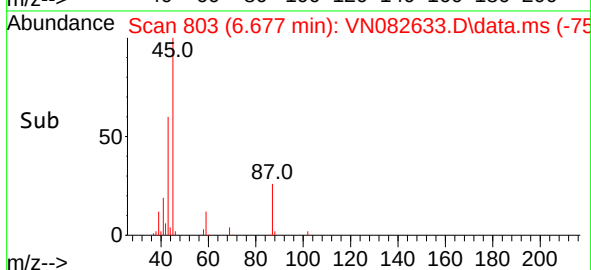
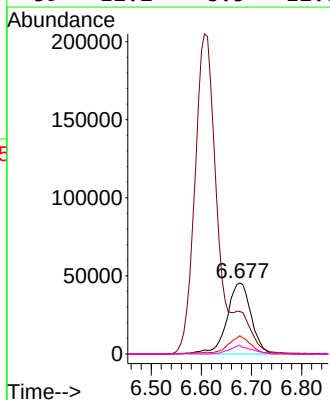
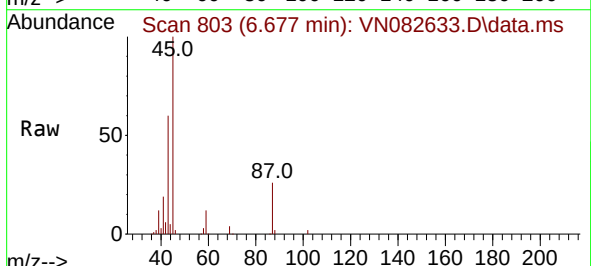
Manual Integrations
APPROVED

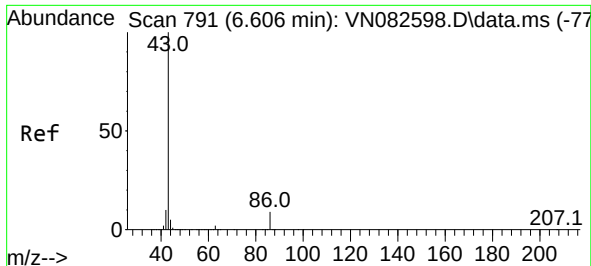
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#22
Diisopropyl ether
Concen: 19.500 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.000 min
Lab File: VN082633.D
Acq: 19 Jun 2024 11:55

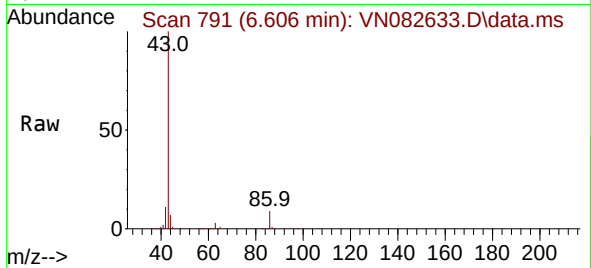
Tgt Ion: 45 Resp: 152137
Ion Ratio Lower Upper
45 100
43 58.3 44.0 66.0
87 25.6 19.7 29.5
59 12.2 8.5 12.7





#23
 Vinyl Acetate
 Concen: 98.298 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN082633.D
 Acq: 19 Jun 2024 11:55

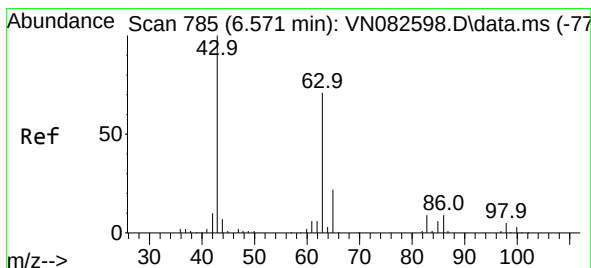
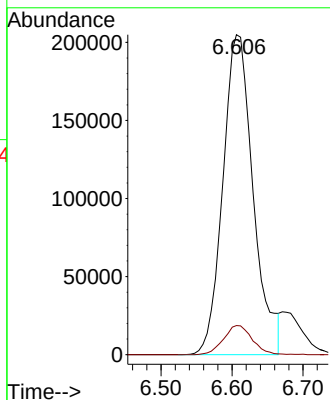
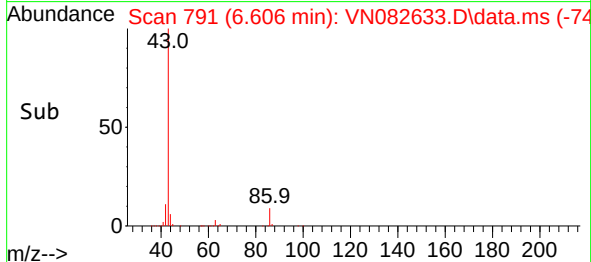
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0619WBSD01



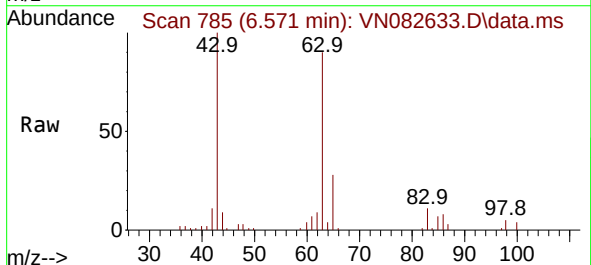
Tgt Ion: 43 Resp: 60814
 Ion Ratio Lower Upper
 43 100
 86 9.1 7.3 10.9

Manual Integrations
 APPROVED

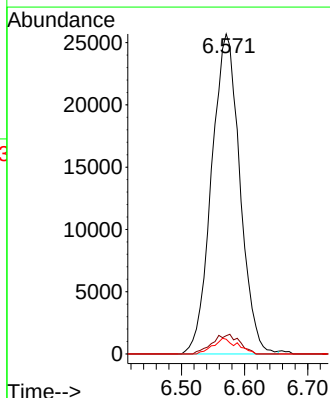
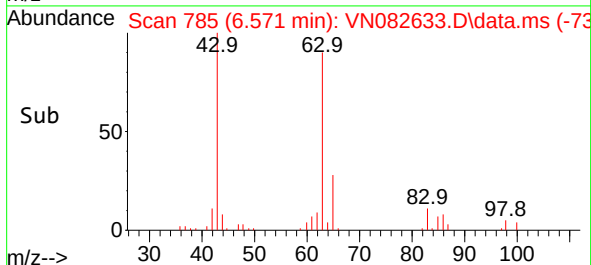
Reviewed By :John Carlone 06/20/2024
 Supervised By :Mahesh Dadoda 06/20/2024

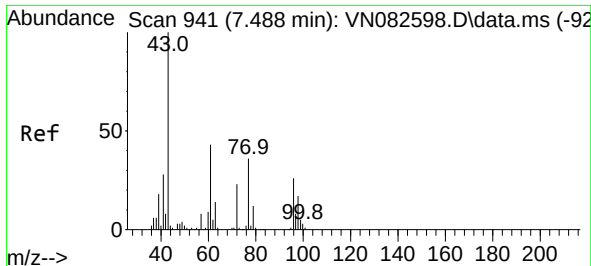


#24
 1,1-Dichloroethane
 Concen: 18.950 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VN082633.D
 Acq: 19 Jun 2024 11:55



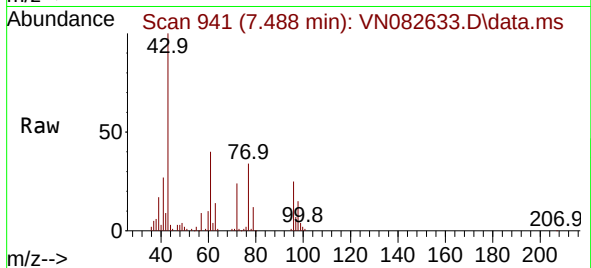
Tgt Ion: 63 Resp: 80089
 Ion Ratio Lower Upper
 63 100
 98 5.7 3.3 9.9
 100 4.6 2.0 6.0





#25
2-Butanone
Concen: 98.456 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN082633.D
Acq: 19 Jun 2024 11:55

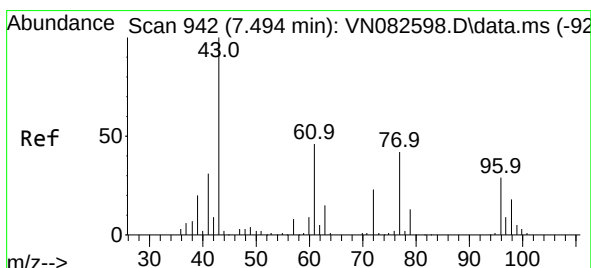
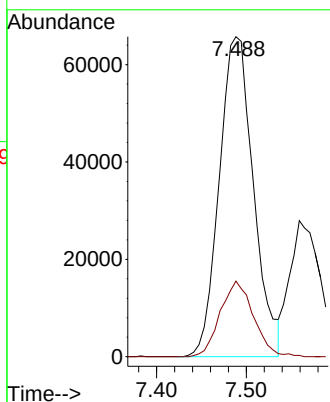
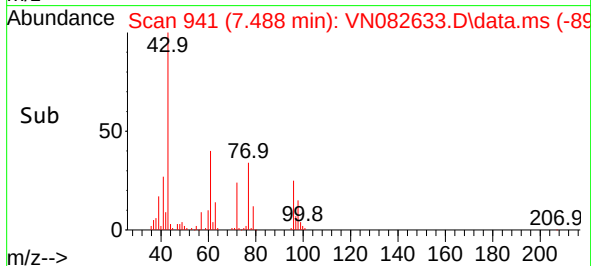
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01



Tgt Ion: 43 Resp: 174362
Ion Ratio Lower Upper
43 100
72 23.6 18.2 27.2

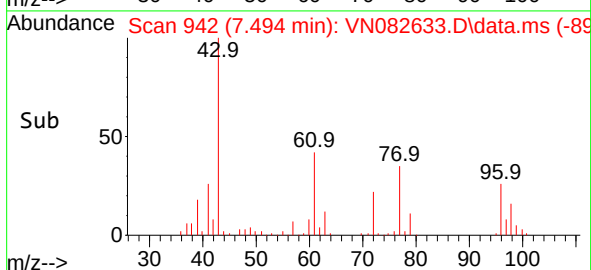
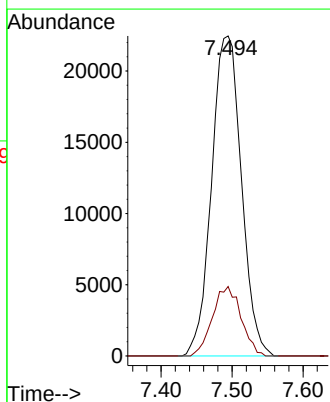
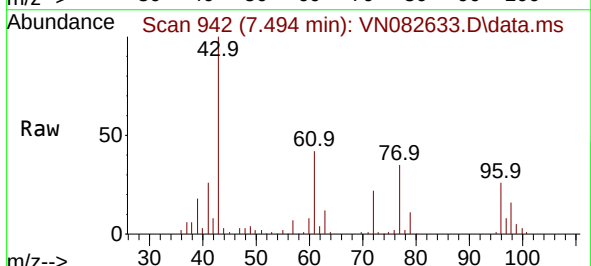
Manual Integrations
APPROVED

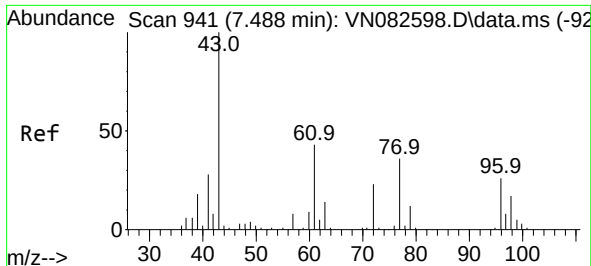
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#26
2,2-Dichloropropane
Concen: 17.849 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN082633.D
Acq: 19 Jun 2024 11:55

Tgt Ion: 77 Resp: 65438
Ion Ratio Lower Upper
77 100
97 20.8 10.3 30.9





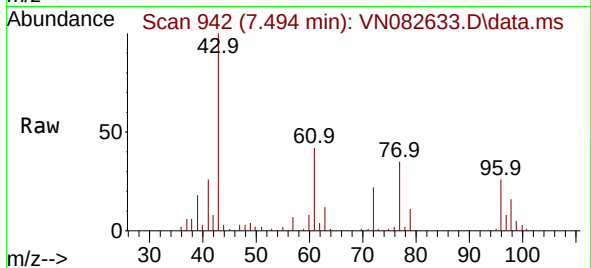
#27
 cis-1,2-Dichloroethene
 Concen: 17.965 ug/l
 RT: 7.494 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN082633.D
 Acq: 19 Jun 2024 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN0619WBSD01



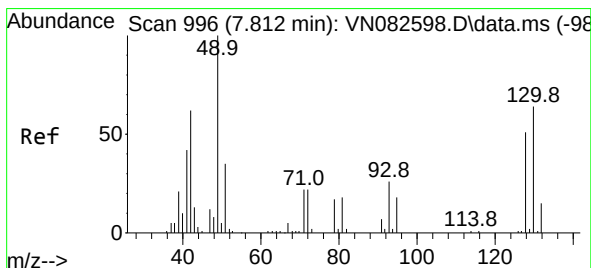
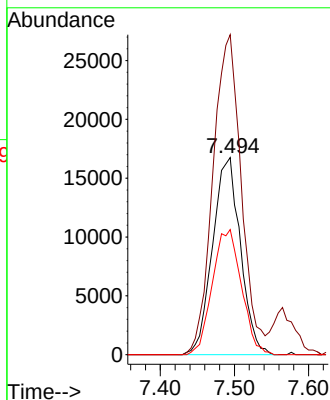
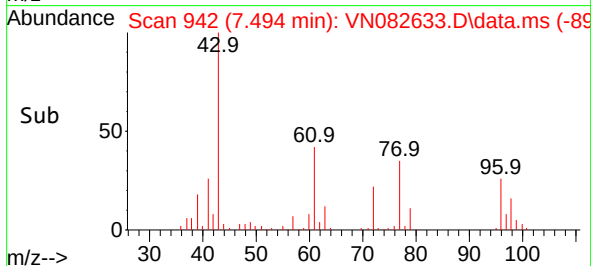
Tgt Ion: 96 Resp: 43760
 Ion Ratio Lower Upper
 96 100
 61 165.2 0.0 329.6
 98 66.3 0.0 128.6

Manual Integrations

APPROVED

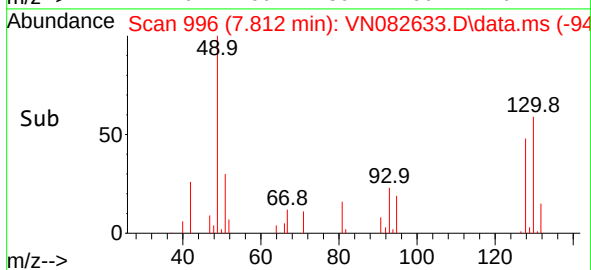
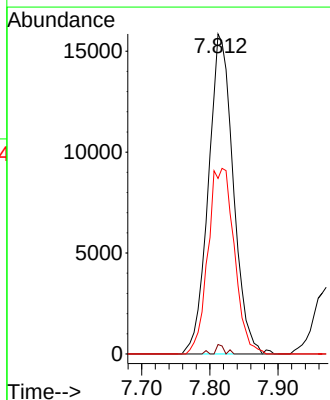
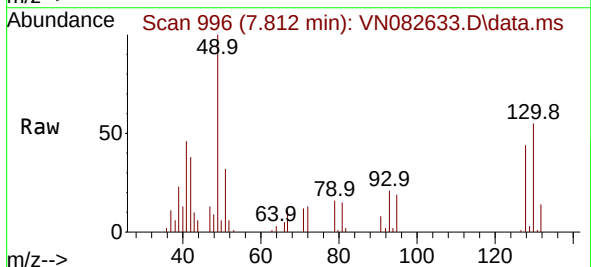
Reviewed By :John Carlone 06/20/2024

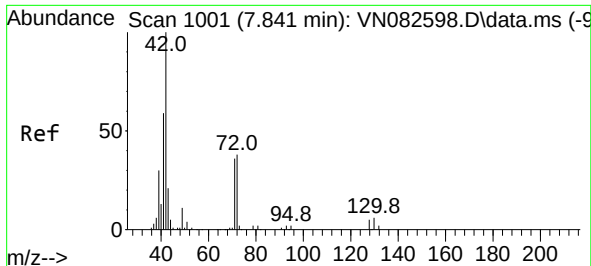
Supervised By :Mahesh Dadoda 06/20/2024



#28
 Bromochloromethane
 Concen: 20.873 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN082633.D
 Acq: 19 Jun 2024 11:55

Tgt Ion: 49 Resp: 40259
 Ion Ratio Lower Upper
 49 100
 129 1.1 0.0 3.8
 130 61.5 50.5 75.7





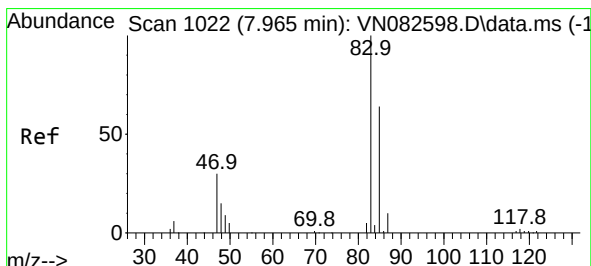
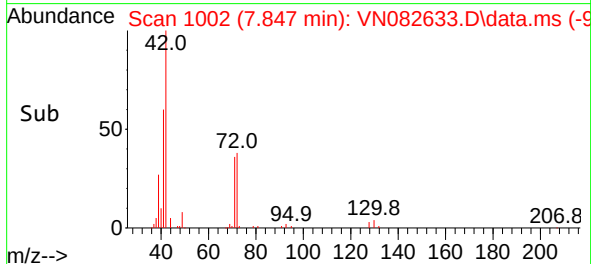
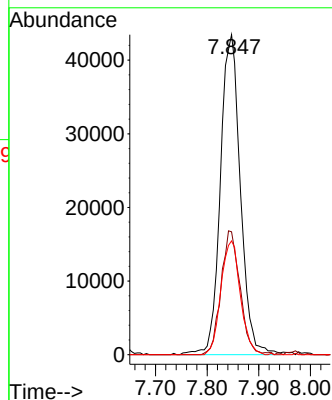
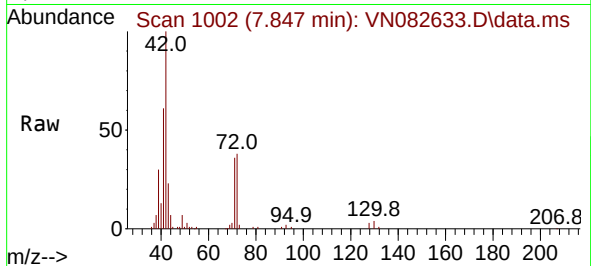
#29
Tetrahydrofuran
Concen: 107.858 ug/l
RT: 7.847 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VN082633.D
Acq: 19 Jun 2024 11:55

Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01

Tgt Ion: 42 Resp: 116934
Ion Ratio Lower Upper
42 100
72 36.8 30.0 45.0
71 34.5 28.3 42.5

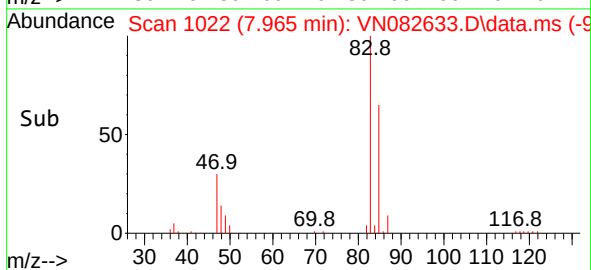
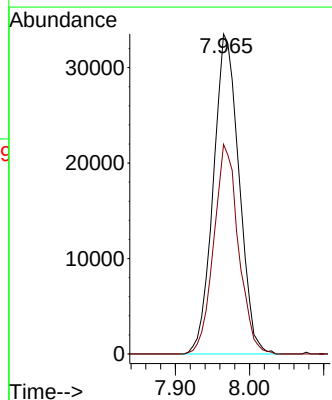
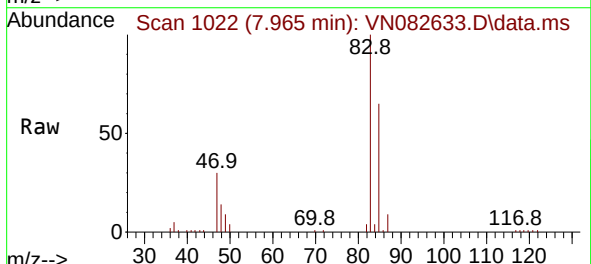
Manual Integrations
APPROVED

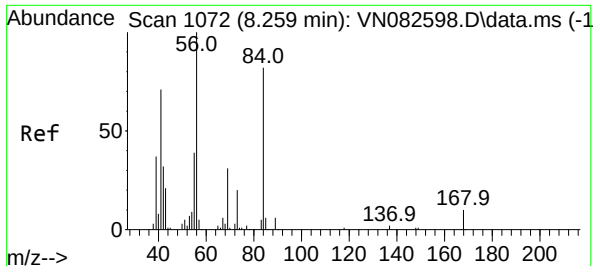
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#30
Chloroform
Concen: 19.564 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN082633.D
Acq: 19 Jun 2024 11:55

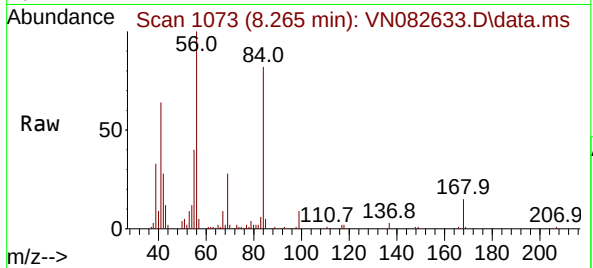
Tgt Ion: 83 Resp: 80653
Ion Ratio Lower Upper
83 100
85 65.5 50.9 76.3





#31
Cyclohexane
Concen: 17.479 ug/l
RT: 8.265 min Scan# 1072
Delta R.T. 0.006 min
Lab File: VN082633.D
Acq: 19 Jun 2024 11:55

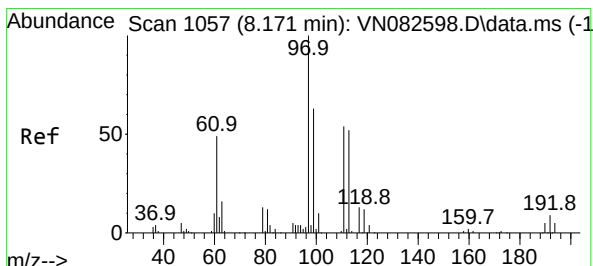
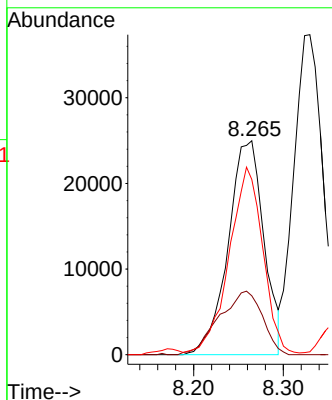
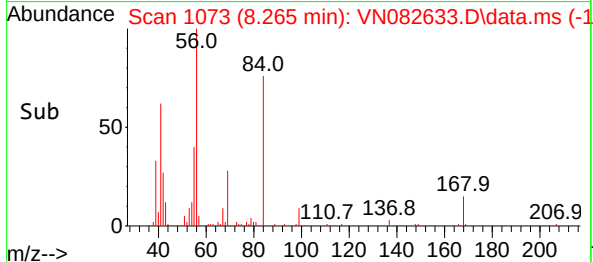
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01



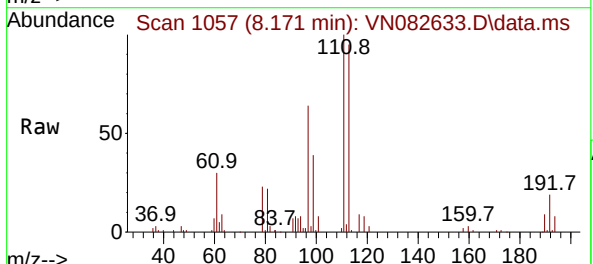
Tgt Ion: 56 Resp: 6910
Ion Ratio Lower Upper
56 100
69 27.5 24.5 36.7
84 80.0 66.0 99.0

Manual Integrations
APPROVED

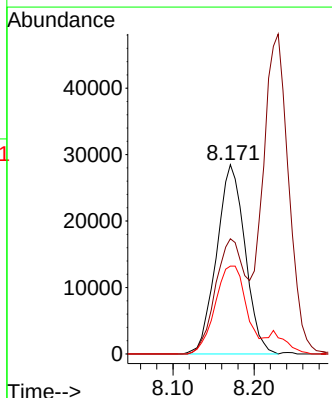
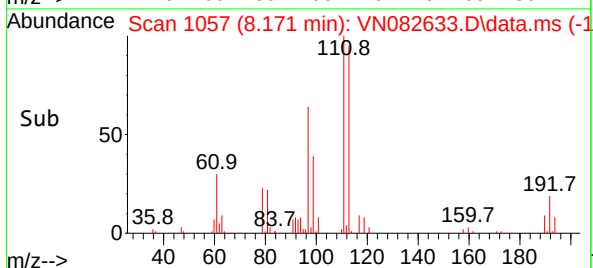
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024

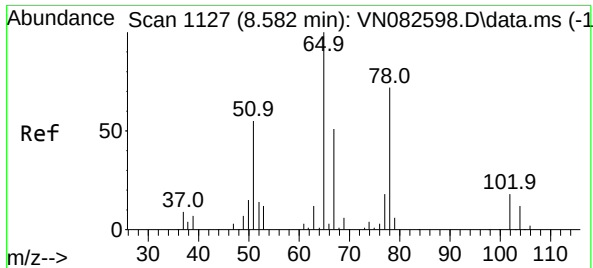


#32
1,1,1-Trichloroethane
Concen: 18.530 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN082633.D
Acq: 19 Jun 2024 11:55



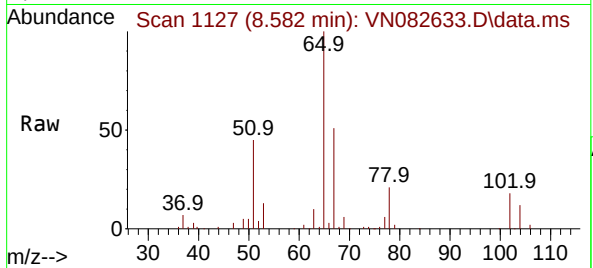
Tgt Ion: 97 Resp: 69272
Ion Ratio Lower Upper
97 100
99 63.7 52.0 78.0
61 51.9 42.1 63.1





#33
1,2-Dichloroethane-d4
Concen: 54.598 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN082633.D
Acq: 19 Jun 2024 11:55

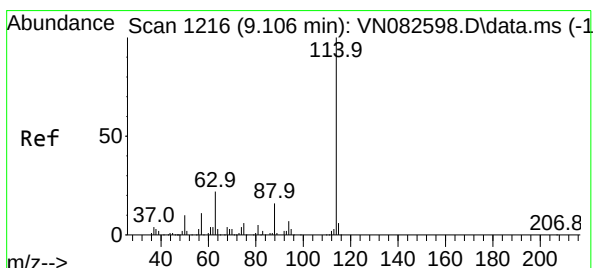
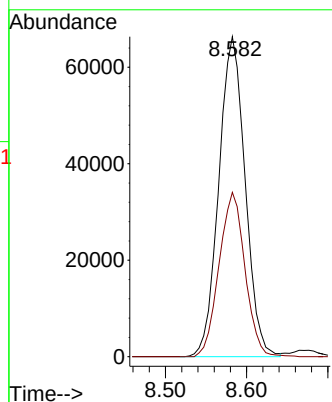
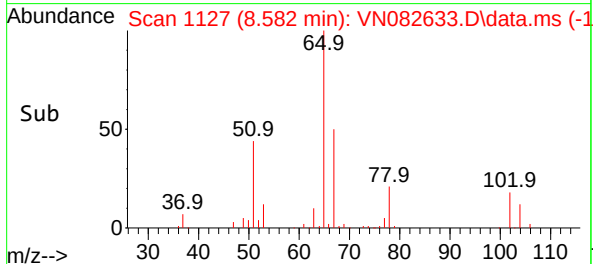
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01



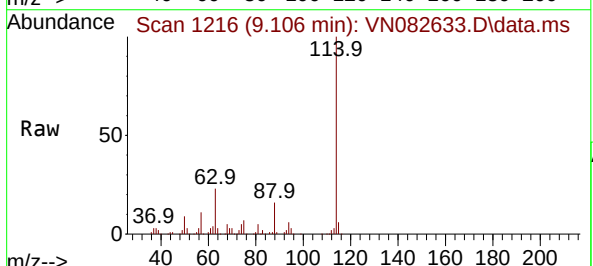
Tgt Ion: 65 Resp: 149579
Ion Ratio Lower Upper
65 100
67 50.5 0.0 104.4

Manual Integrations
APPROVED

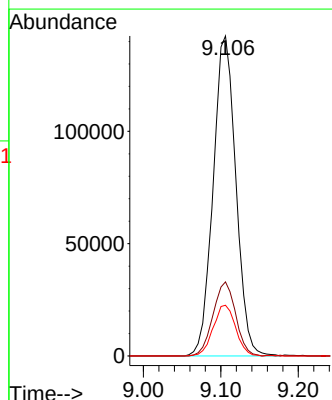
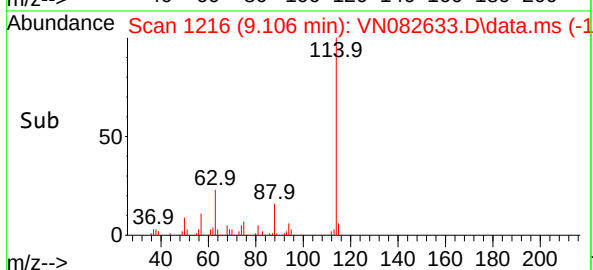
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024

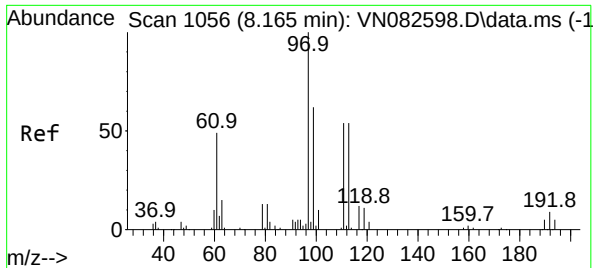


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN082633.D
Acq: 19 Jun 2024 11:55



Tgt Ion:114 Resp: 291033
Ion Ratio Lower Upper
114 100
63 23.2 0.0 44.6
88 15.8 0.0 31.4





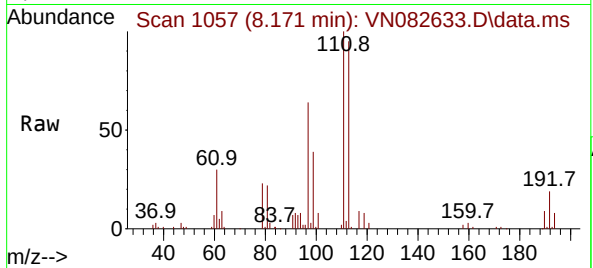
#35
Dibromofluoromethane
Concen: 51.472 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN082633.D
Acq: 19 Jun 2024 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN0619WBSD01



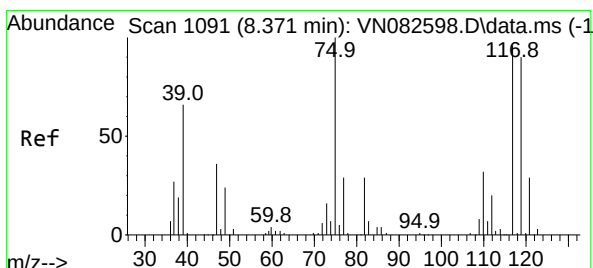
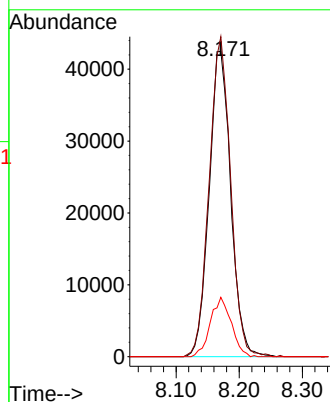
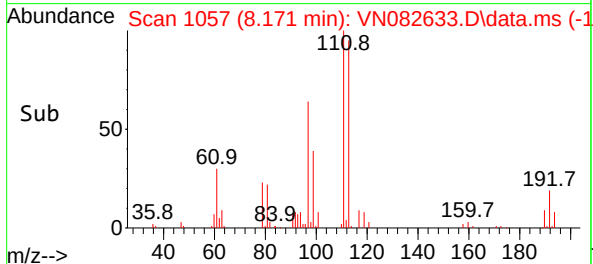
Tgt Ion:113 Resp: 10162
Ion Ratio Lower Upper
113 100
111 103.2 82.4 123.6
192 18.7 14.9 22.3

Manual Integrations

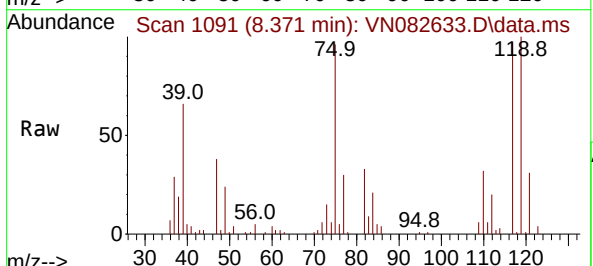
APPROVED

Reviewed By :John Carlone 06/20/2024

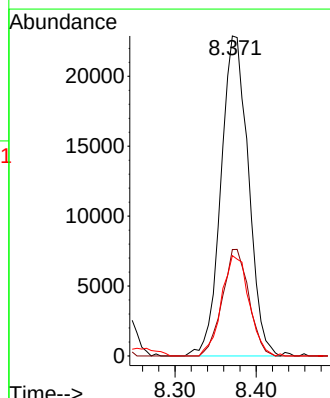
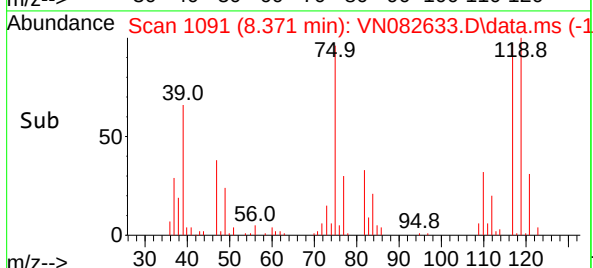
Supervised By :Mahesh Dadoda 06/20/2024

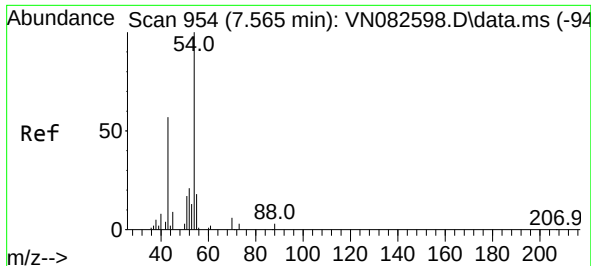


#36
1,1-Dichloropropene
Concen: 18.190 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN082633.D
Acq: 19 Jun 2024 11:55



Tgt Ion: 75 Resp: 53687
Ion Ratio Lower Upper
75 100
110 32.2 16.3 48.9
77 31.5 24.6 37.0





#37

Ethyl Acetate

Concen: 18.407 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN082633.D

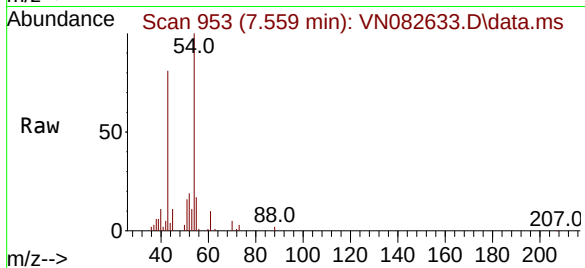
Acq: 19 Jun 2024 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN0619WBSD01



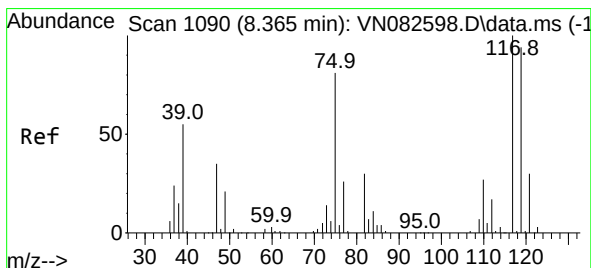
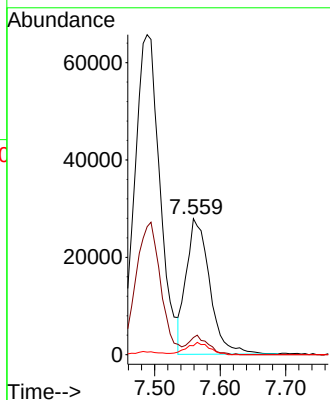
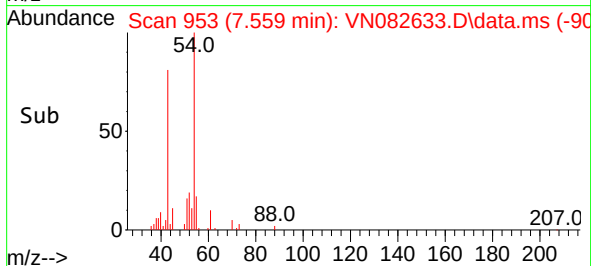
Tgt Ion:	43	Resp:	6920
Ion Ratio	Lower	Upper	
43	100		
61	12.0	9.3	13.9
70	8.7	7.0	10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2024

Supervised By :Mahesh Dadoda 06/20/2024



#38

Carbon Tetrachloride

Concen: 18.293 ug/l

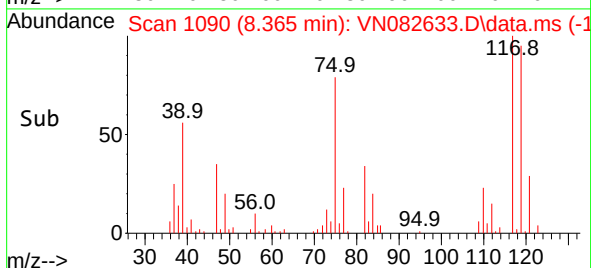
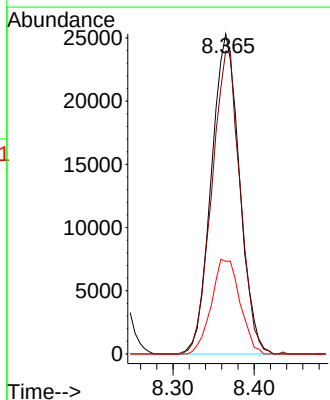
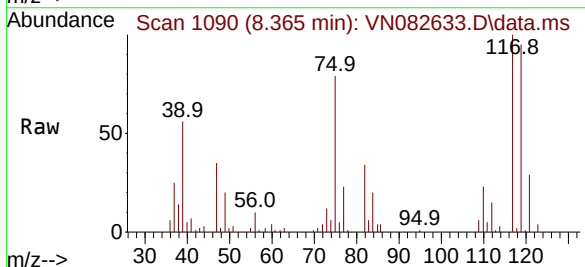
RT: 8.365 min Scan# 1090

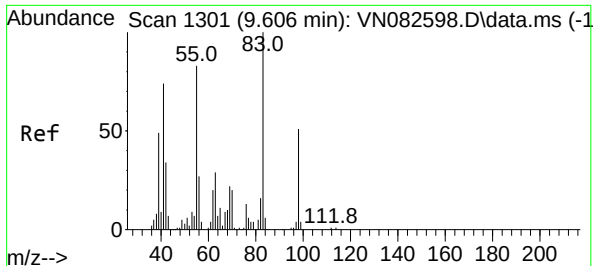
Delta R.T. 0.000 min

Lab File: VN082633.D

Acq: 19 Jun 2024 11:55

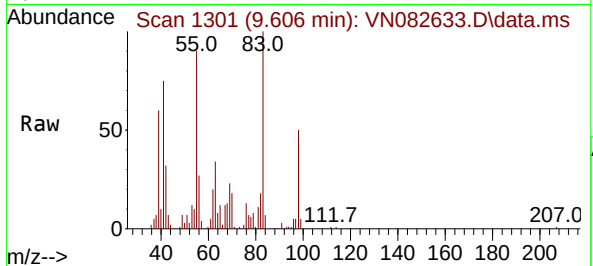
Tgt Ion:	117	Resp:	60846
Ion Ratio	Lower	Upper	
117	100		
119	94.7	74.9	112.3
121	29.0	24.3	36.5





#39
Methylcyclohexane
Concen: 17.374 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN082633.D
Acq: 19 Jun 2024 11:55

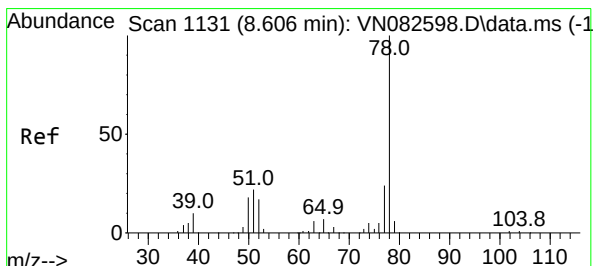
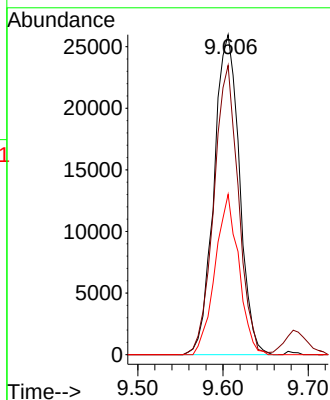
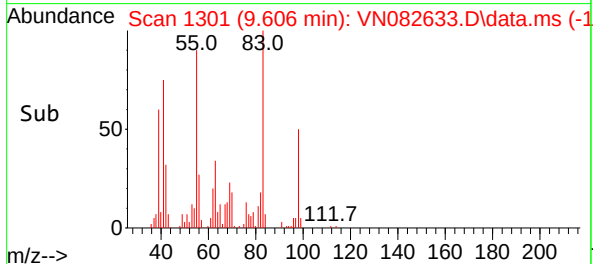
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01



Tgt Ion: 83 Resp: 5396
Ion Ratio Lower Upper
83 100
55 90.4 66.4 99.6
98 50.1 40.7 61.1

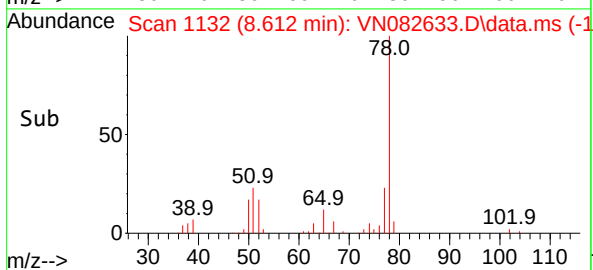
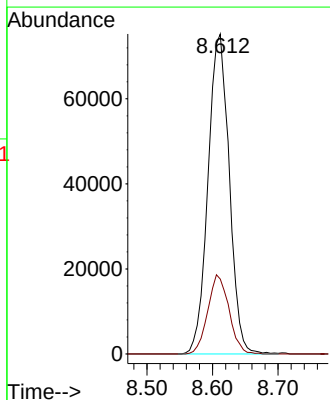
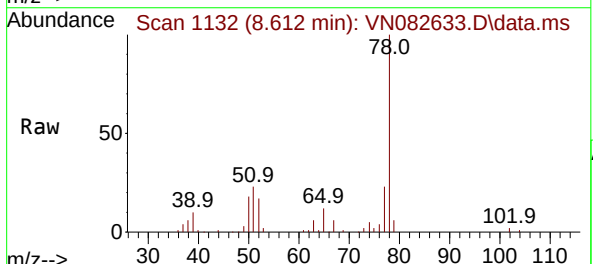
Manual Integrations
APPROVED

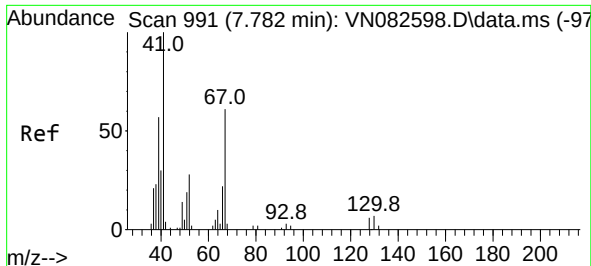
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#40
Benzene
Concen: 18.555 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VN082633.D
Acq: 19 Jun 2024 11:55

Tgt Ion: 78 Resp: 169216
Ion Ratio Lower Upper
78 100
77 23.4 19.0 28.4





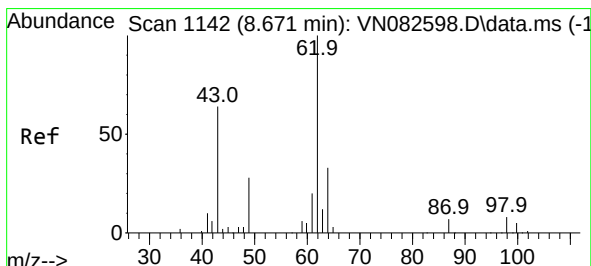
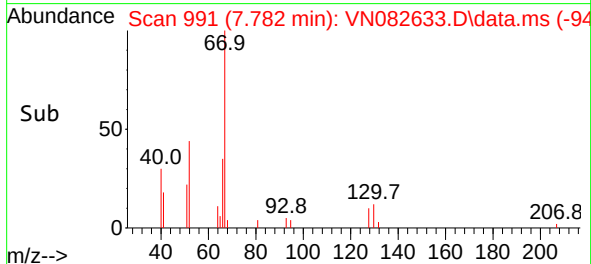
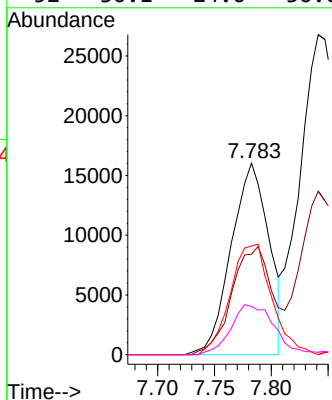
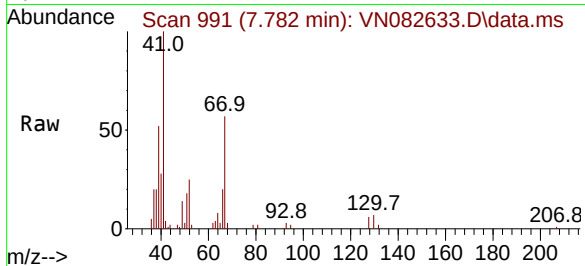
#41
Methacrylonitrile
Concen: 19.259 ug/l
RT: 7.782 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN082633.D
Acq: 19 Jun 2024 11:55

Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01

Tgt Ion: 41	Resp: 3701
Ion Ratio	Lower Upper
41 100	
39 61.8	45.5 68.3
67 63.2	50.5 75.7
52 30.1	24.0 36.0

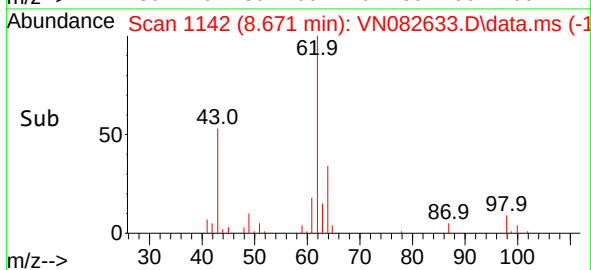
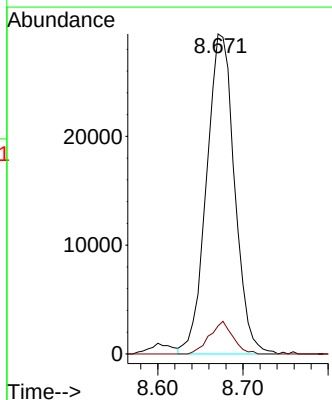
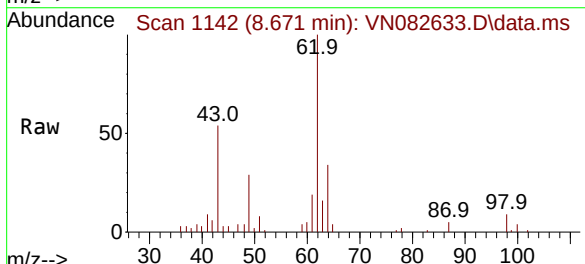
Manual Integrations
APPROVED

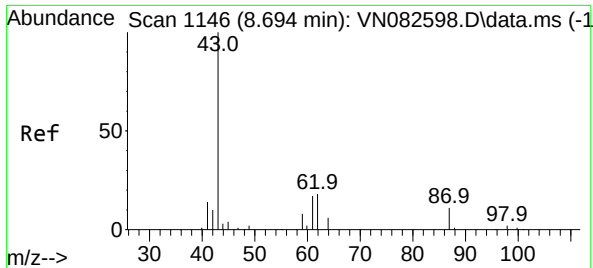
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#42
1,2-Dichloroethane
Concen: 19.424 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN082633.D
Acq: 19 Jun 2024 11:55

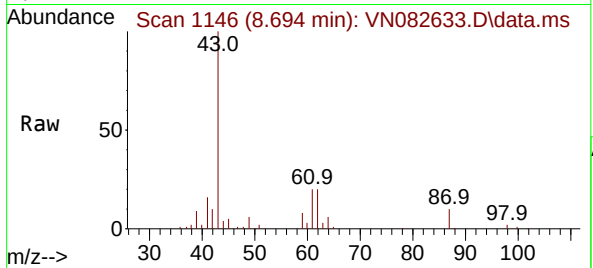
Tgt Ion: 62	Resp: 67379
Ion Ratio	Lower Upper
62 100	
98 8.5	0.0 15.8





#43
Isopropyl Acetate
Concen: 17.492 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN082633.D
Acq: 19 Jun 2024 11:55

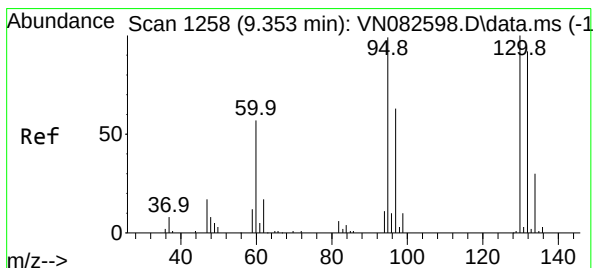
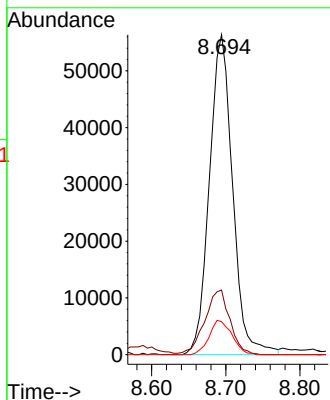
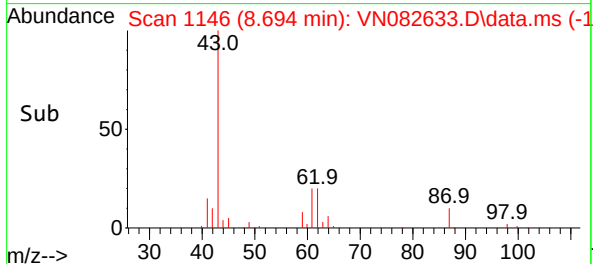
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01



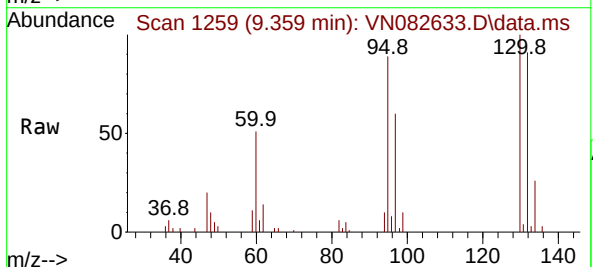
Tgt Ion: 43 Resp: 122900
Ion Ratio Lower Upper
43 100
61 22.0 17.8 26.6
87 10.5 8.2 12.2

Manual Integrations
APPROVED

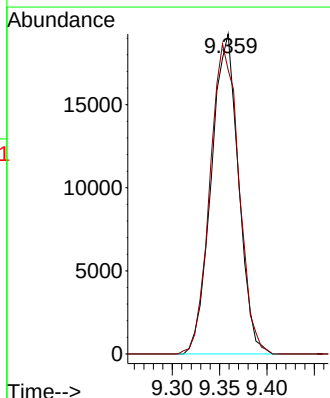
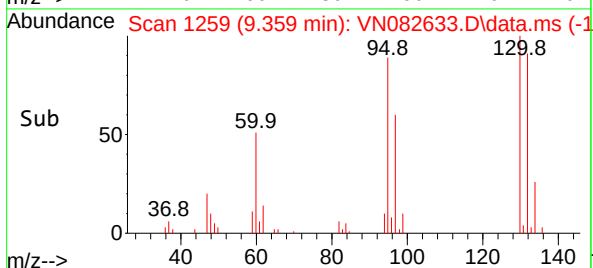
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024

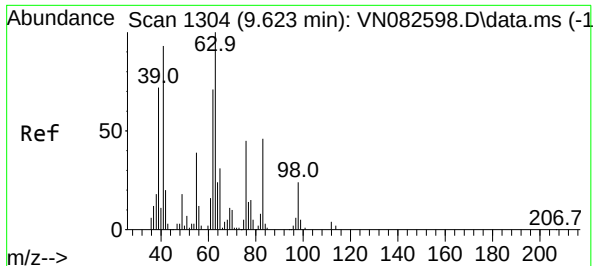


#44
Trichloroethene
Concen: 18.161 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.006 min
Lab File: VN082633.D
Acq: 19 Jun 2024 11:55



Tgt Ion:130 Resp: 38458
Ion Ratio Lower Upper
130 100
95 88.8 0.0 197.8





#45

1,2-Dichloropropane

Concen: 18.823 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN082633.D

Acq: 19 Jun 2024 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN0619WBSD01

Tgt Ion: 63 Resp: 4418

Ion Ratio Lower Upper

63 100

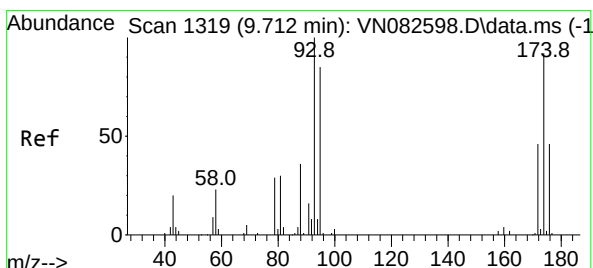
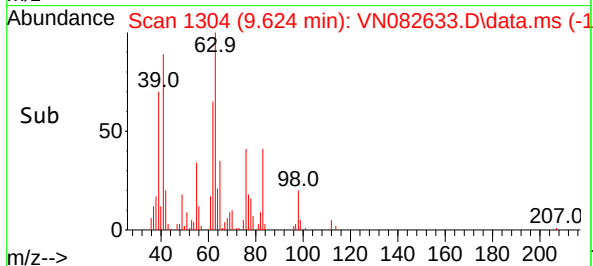
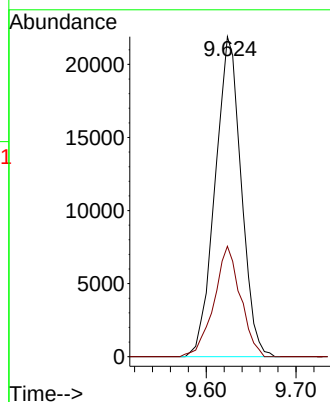
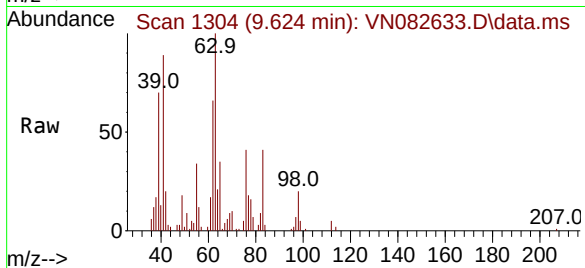
65 34.5 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2024

Supervised By :Mahesh Dadoda 06/20/2024



#46

Dibromomethane

Concen: 19.569 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN082633.D

Acq: 19 Jun 2024 11:55

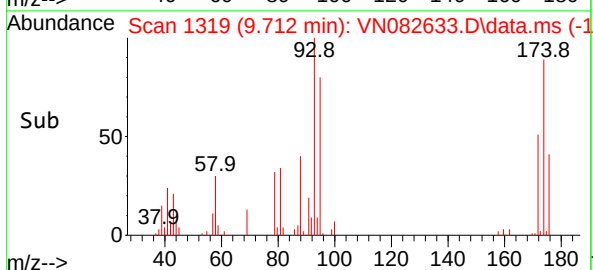
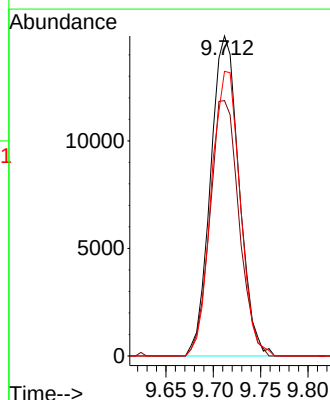
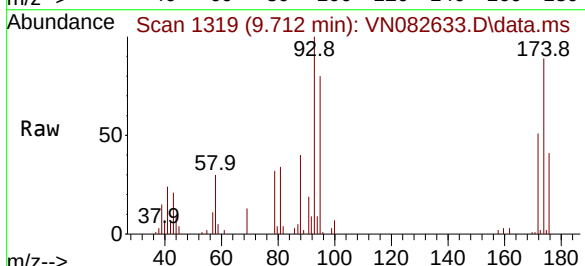
Tgt Ion: 93 Resp: 31139

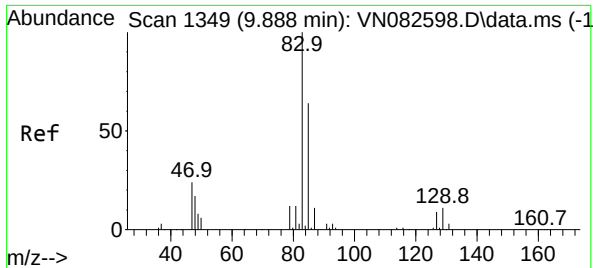
Ion Ratio Lower Upper

93 100

95 81.3 65.8 98.6

174 89.6 71.7 107.5





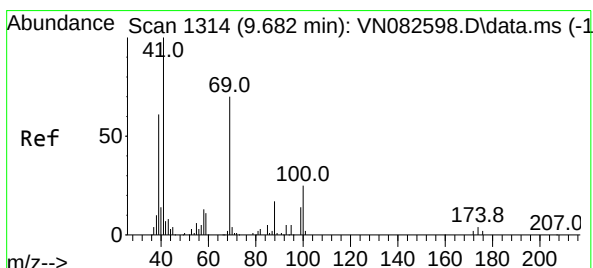
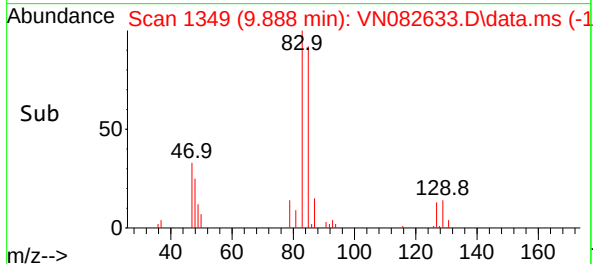
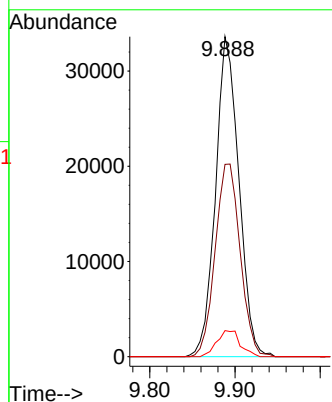
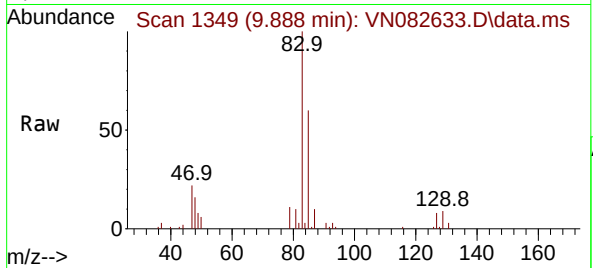
#47
Bromodichloromethane
Concen: 18.846 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN082633.D
Acq: 19 Jun 2024 11:55

Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01

Tgt Ion: 83 Resp: 6393
Ion Ratio Lower Upper
83 100
85 60.1 51.1 76.7
127 8.2 7.2 10.8

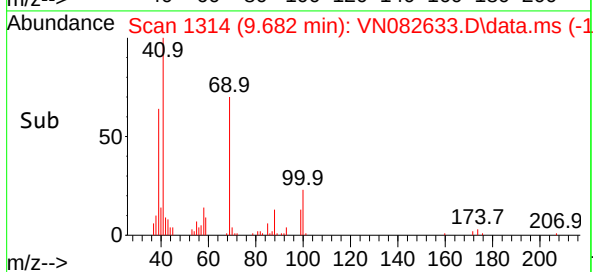
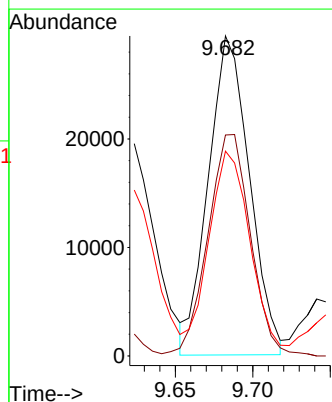
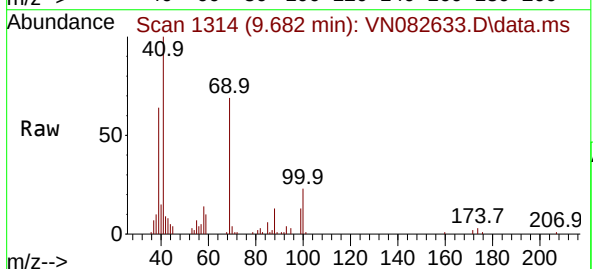
Manual Integrations
APPROVED

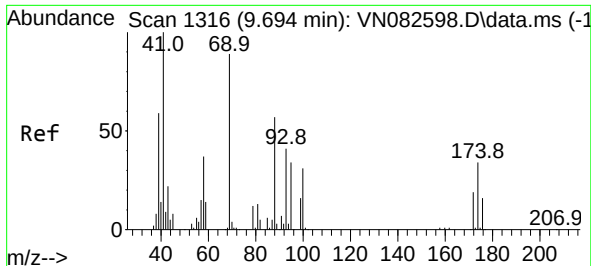
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#48
Methyl methacrylate
Concen: 18.742 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN082633.D
Acq: 19 Jun 2024 11:55

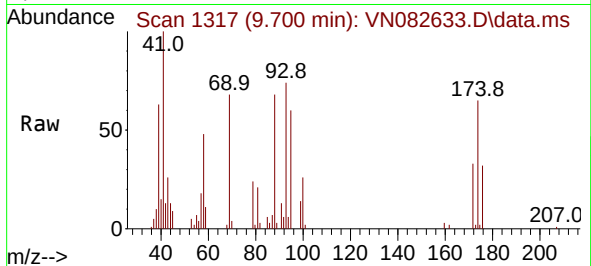
Tgt Ion: 41 Resp: 54286
Ion Ratio Lower Upper
41 100
69 72.0 56.3 84.5
39 65.7 50.3 75.5





#49
1,4-Dioxane
Concen: 429.444 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082633.D
Acq: 19 Jun 2024 11:55

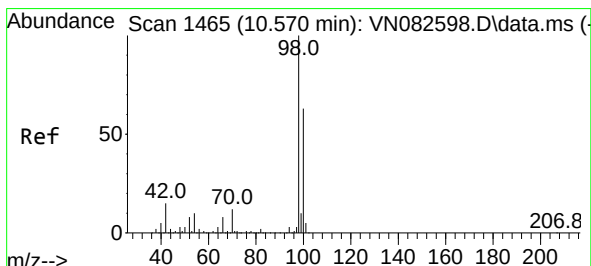
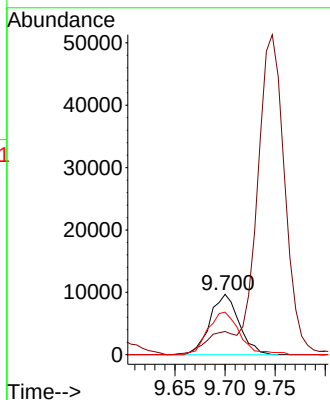
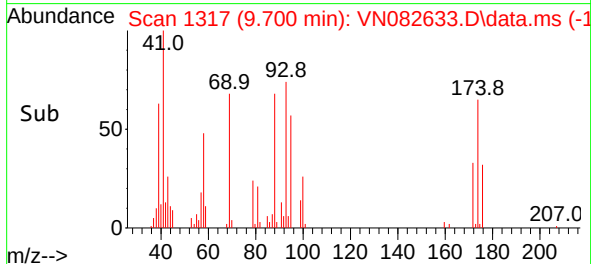
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01



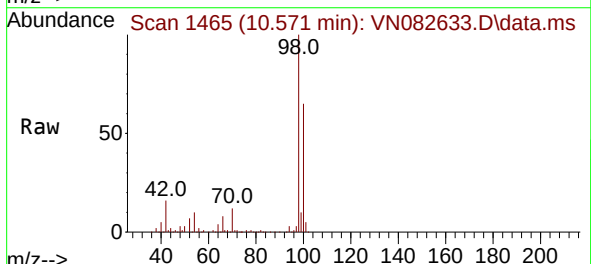
Tgt Ion: 88 Resp: 19450
Ion Ratio Lower Upper
88 100
43 41.0 27.8 41.8
58 77.3 59.4 89.0

Manual Integrations
APPROVED

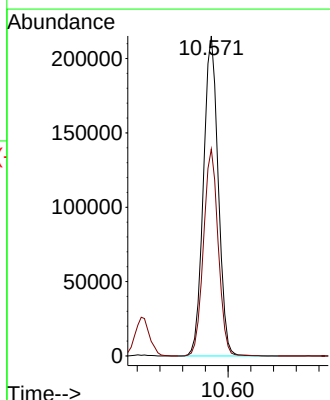
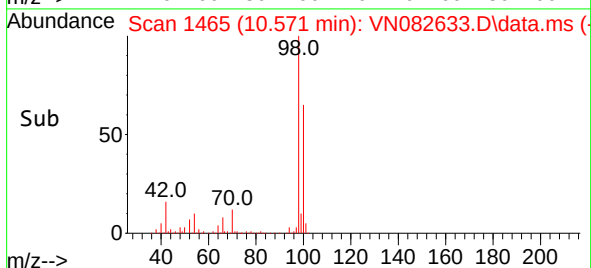
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024

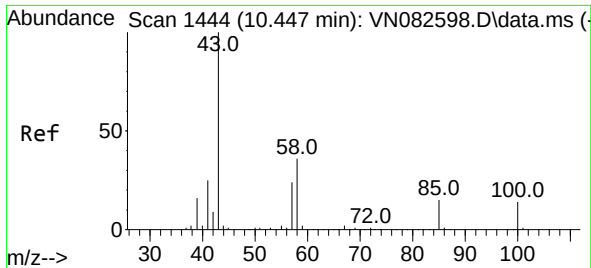


#50
Toluene-d8
Concen: 51.829 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082633.D
Acq: 19 Jun 2024 11:55



Tgt Ion: 98 Resp: 386965
Ion Ratio Lower Upper
98 100
100 64.3 51.5 77.3





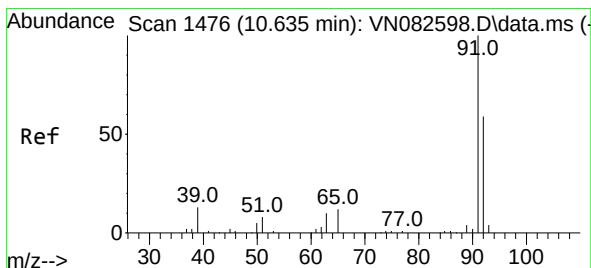
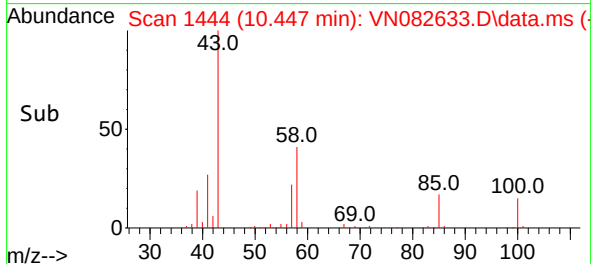
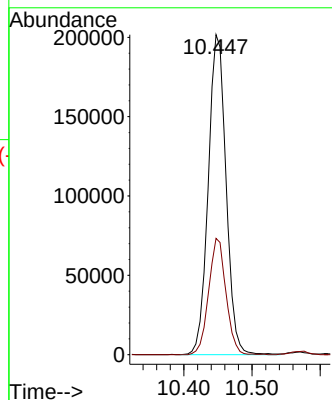
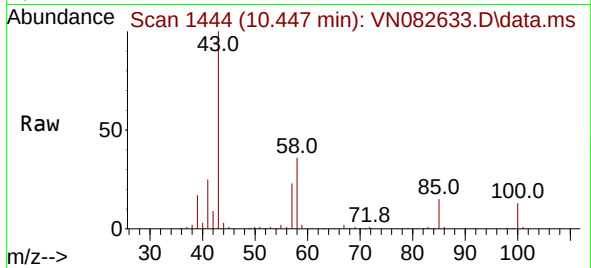
#51
4-Methyl-2-Pentanone
Concen: 101.837 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN082633.D
Acq: 19 Jun 2024 11:55

Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01

Tgt Ion: 43 Resp: 366994
Ion Ratio Lower Upper
43 100
58 35.3 28.2 42.4

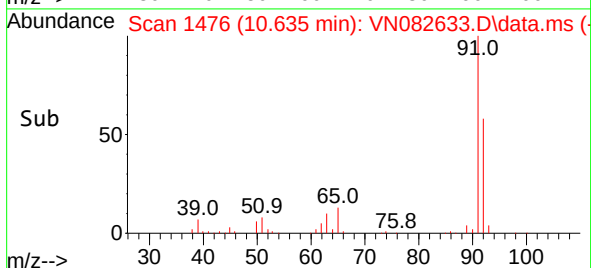
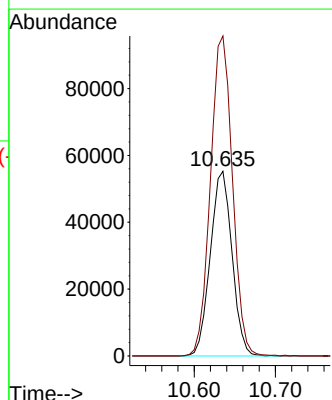
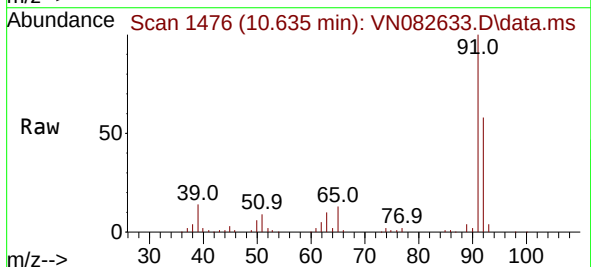
Manual Integrations
APPROVED

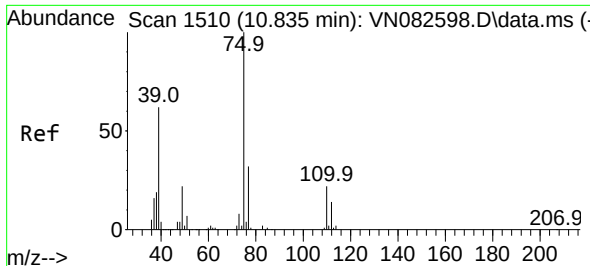
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#52
Toluene
Concen: 18.560 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN082633.D
Acq: 19 Jun 2024 11:55

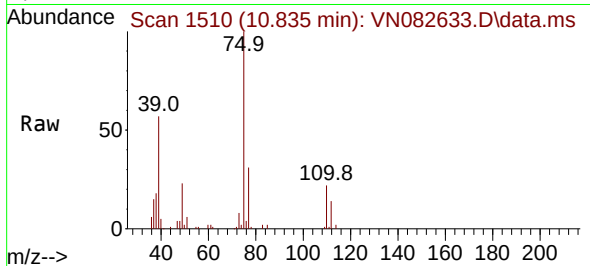
Tgt Ion: 92 Resp: 102577
Ion Ratio Lower Upper
92 100
91 175.6 139.4 209.0





#53
t-1,3-Dichloropropene
Concen: 18.976 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN082633.D
Acq: 19 Jun 2024 11:55

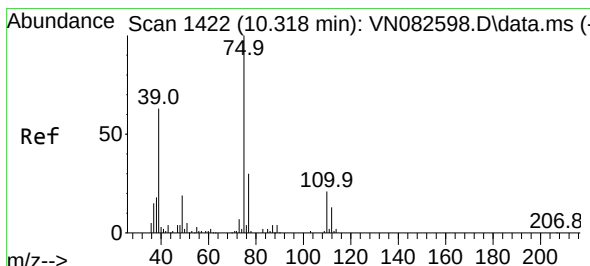
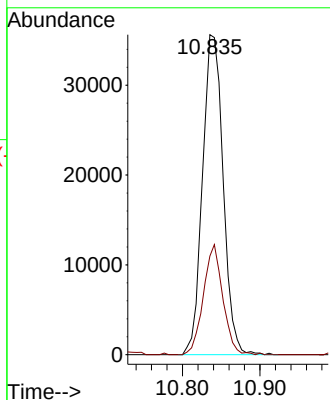
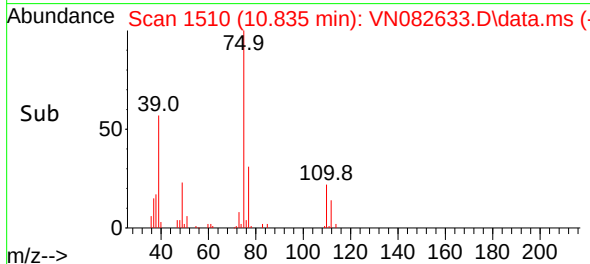
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01



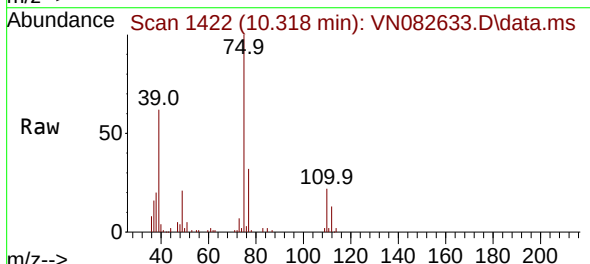
Tgt Ion: 75 Resp: 65810
Ion Ratio Lower Upper
75 100
77 30.8 25.7 38.5

Manual Integrations
APPROVED

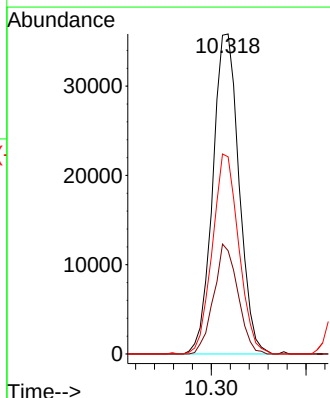
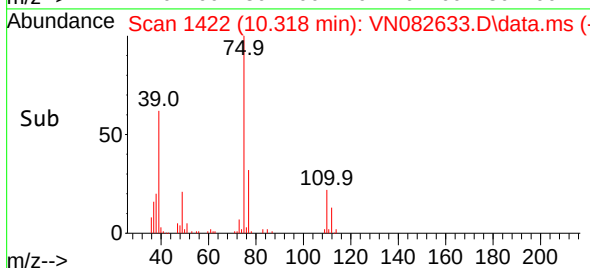
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024

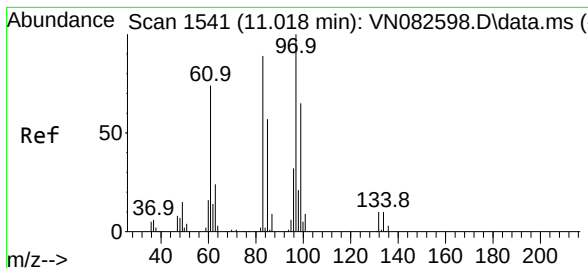


#54
cis-1,3-Dichloropropene
Concen: 19.259 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VN082633.D
Acq: 19 Jun 2024 11:55



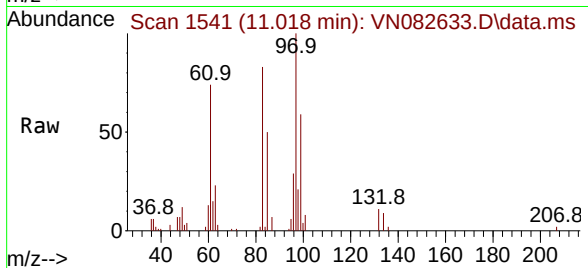
Tgt Ion: 75 Resp: 69066
Ion Ratio Lower Upper
75 100
77 32.2 24.3 36.5
39 61.6 50.5 75.7





#55
1,1,2-Trichloroethane
Concen: 21.097 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN082633.D
Acq: 19 Jun 2024 11:55

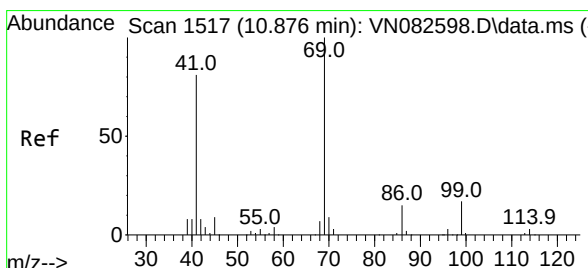
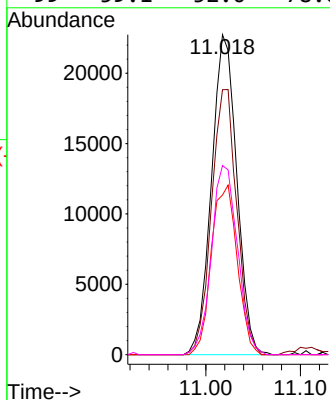
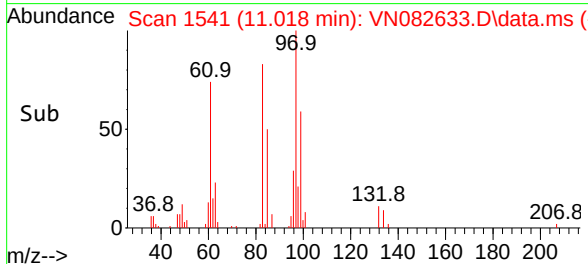
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01



Tgt Ion: 97 Resp: 4220
Ion Ratio Lower Upper
97 100
83 82.8 71.4 107.0
85 49.9 45.8 68.6
99 59.1 52.0 78.0

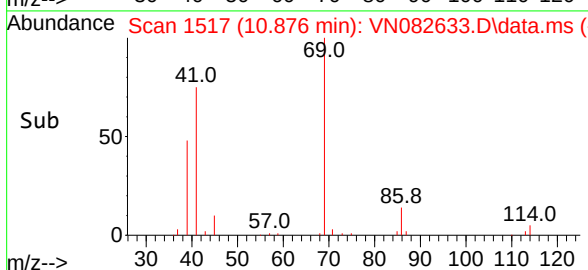
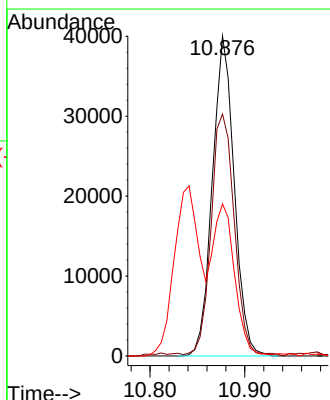
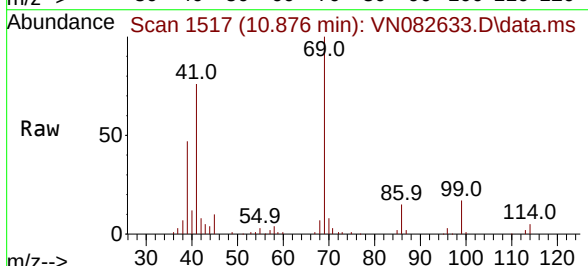
Manual Integrations
APPROVED

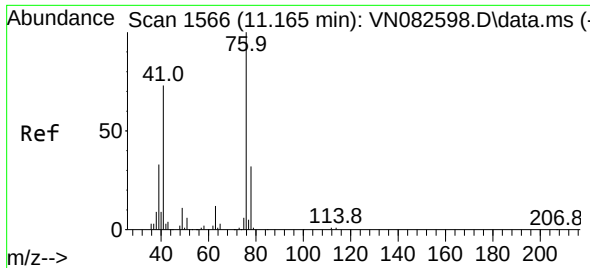
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#56
Ethyl methacrylate
Concen: 19.344 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN082633.D
Acq: 19 Jun 2024 11:55

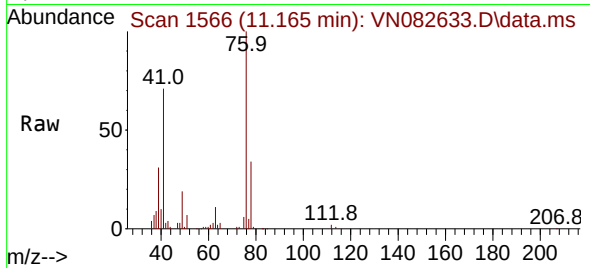
Tgt Ion: 69 Resp: 64088
Ion Ratio Lower Upper
69 100
41 80.7 63.4 95.2
39 47.6 37.4 56.0





#57
1,3-Dichloropropane
Concen: 19.359 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN082633.D
Acq: 19 Jun 2024 11:55

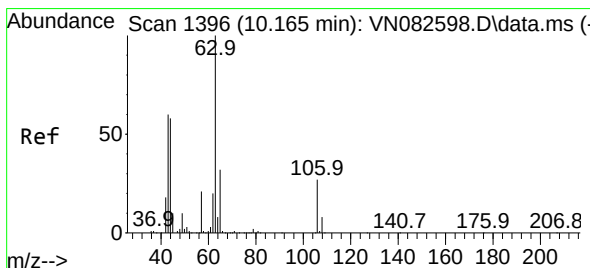
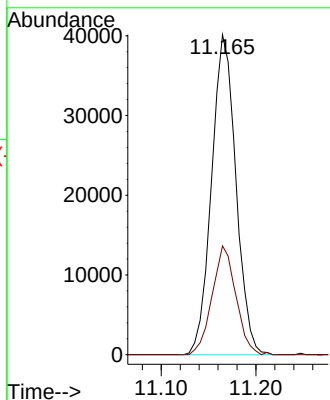
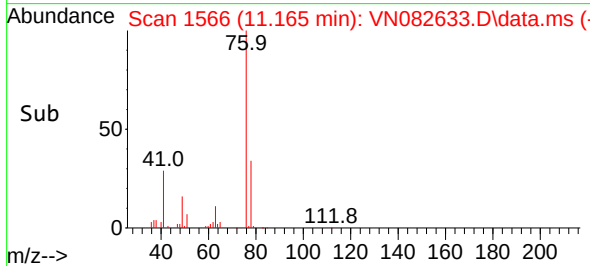
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01



Tgt Ion: 76 Resp: 71589
Ion Ratio Lower Upper
76 100
78 33.3 25.6 38.4

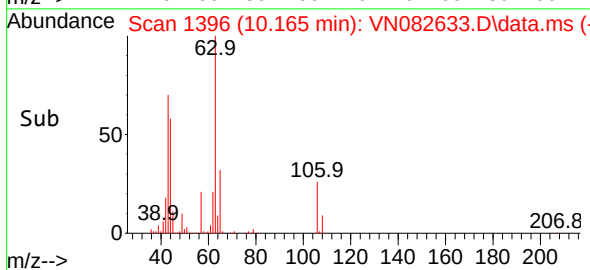
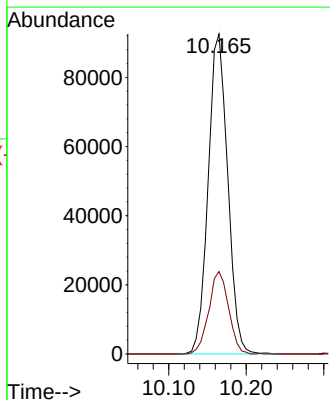
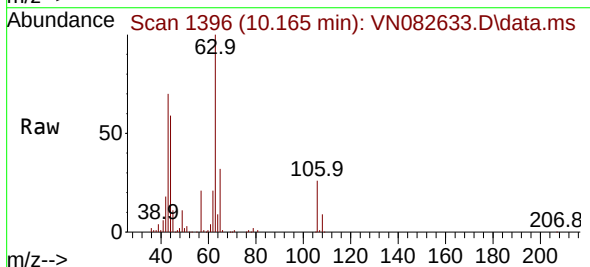
Manual Integrations
APPROVED

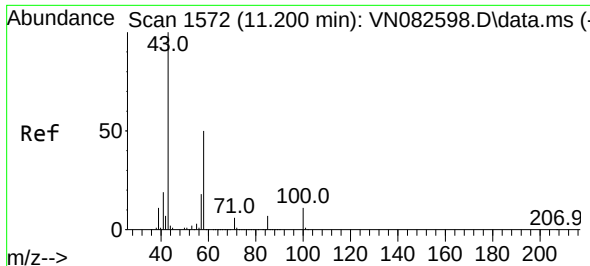
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#58
2-Chloroethyl Vinyl ether
Concen: 92.315 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN082633.D
Acq: 19 Jun 2024 11:55

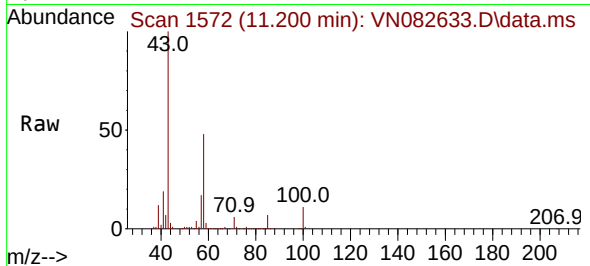
Tgt Ion: 63 Resp: 161793
Ion Ratio Lower Upper
63 100
106 26.1 21.4 32.0





#59
2-Hexanone
Concen: 101.701 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082633.D
Acq: 19 Jun 2024 11:55

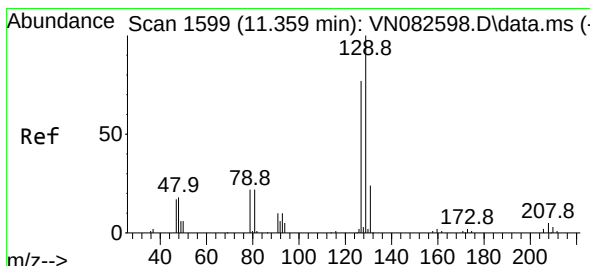
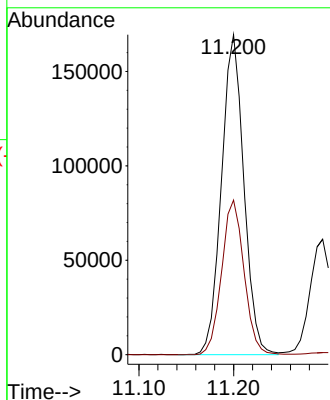
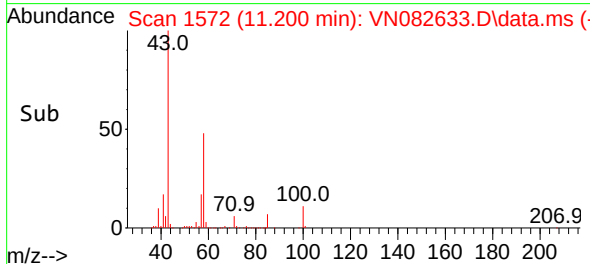
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01



Tgt Ion: 43 Resp: 278560
Ion Ratio Lower Upper
43 100
58 48.2 24.6 73.8

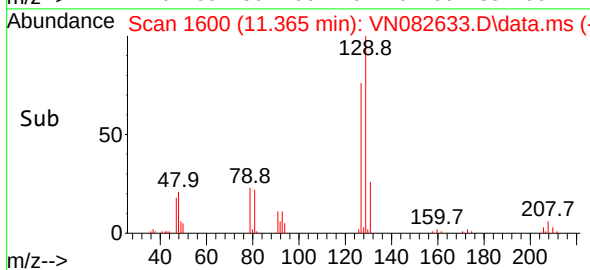
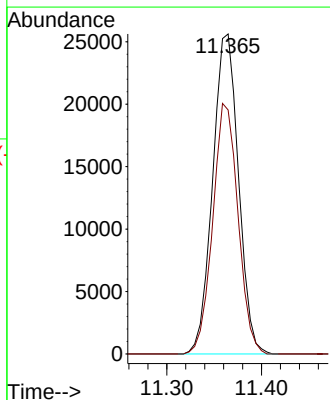
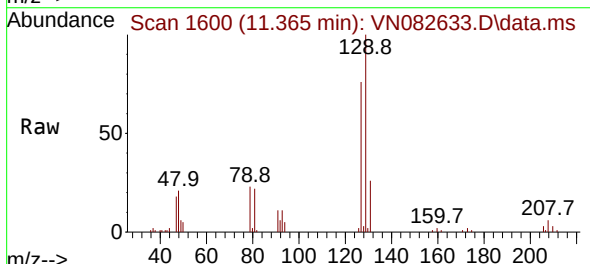
Manual Integrations
APPROVED

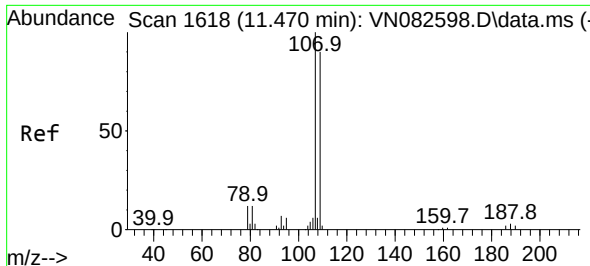
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#60
Dibromochloromethane
Concen: 19.898 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VN082633.D
Acq: 19 Jun 2024 11:55

Tgt Ion:129 Resp: 48588
Ion Ratio Lower Upper
129 100
127 76.5 39.2 117.6





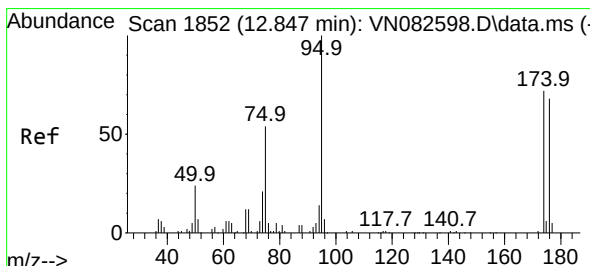
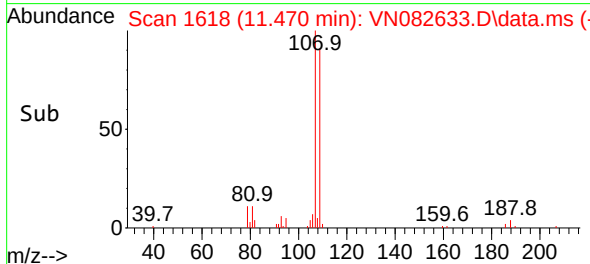
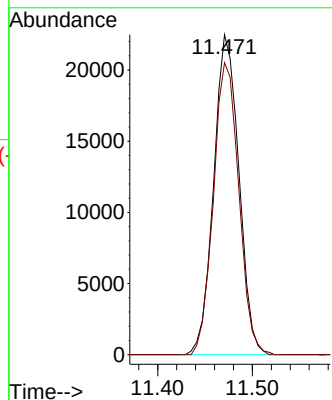
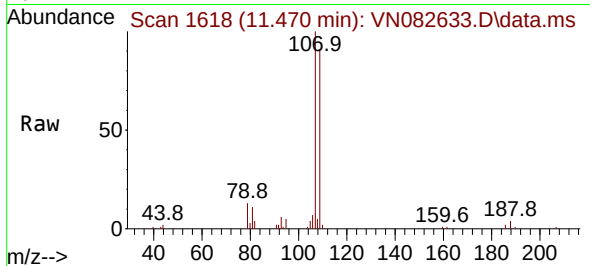
#61
1,2-Dibromoethane
Concen: 19.720 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN082633.D
Acq: 19 Jun 2024 11:55

Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01

Tgt Ion:107 Resp: 4159
Ion Ratio Lower Upper
107 100
109 91.8 73.7 110.5

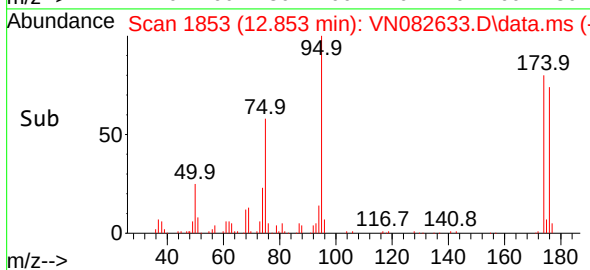
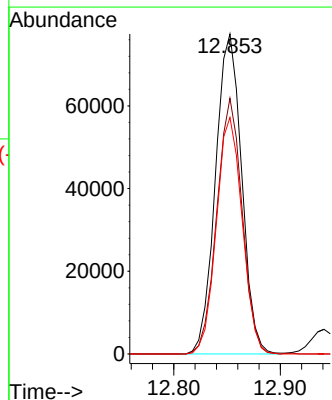
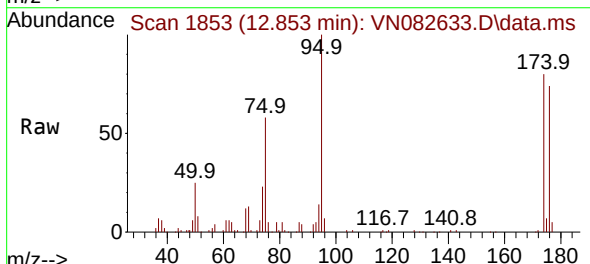
Manual Integrations
APPROVED

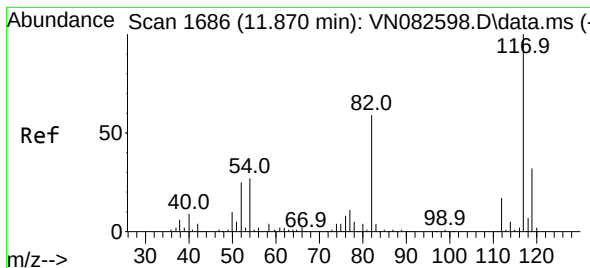
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#62
4-Bromofluorobenzene
Concen: 51.275 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082633.D
Acq: 19 Jun 2024 11:55

Tgt Ion: 95 Resp: 131988
Ion Ratio Lower Upper
95 100
174 77.4 0.0 159.2
176 72.9 0.0 147.6





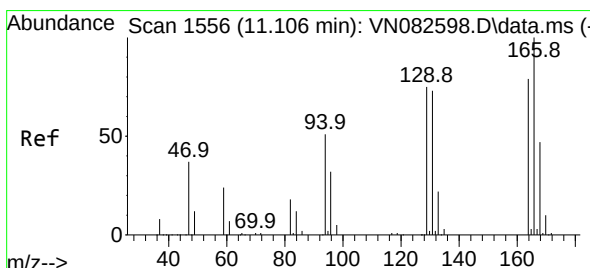
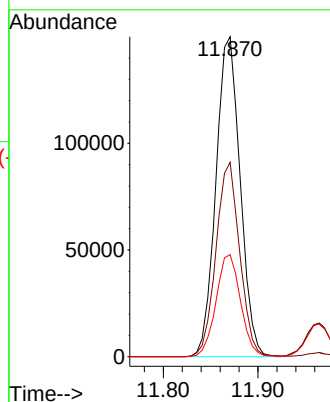
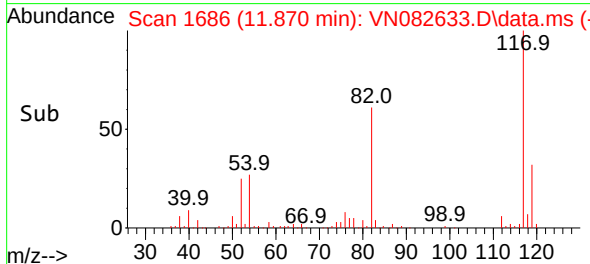
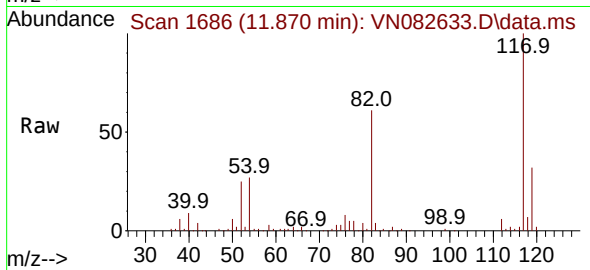
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VN082633.D
Acq: 19 Jun 2024 11:55

Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01

Tgt Ion:117 Resp: 266840
Ion Ratio Lower Upper
117 100
82 60.8 47.5 71.3
119 31.9 25.6 38.4

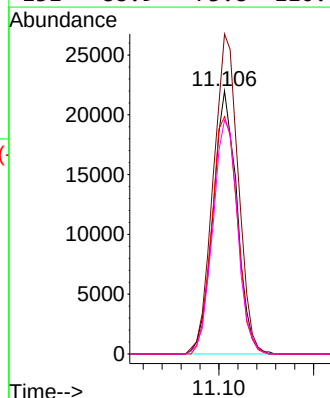
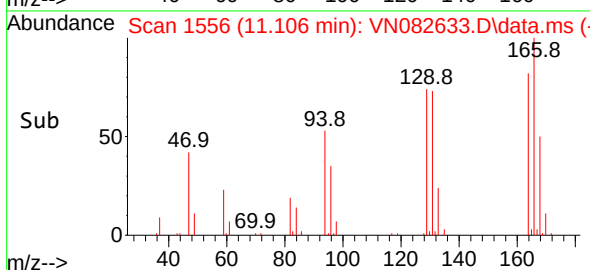
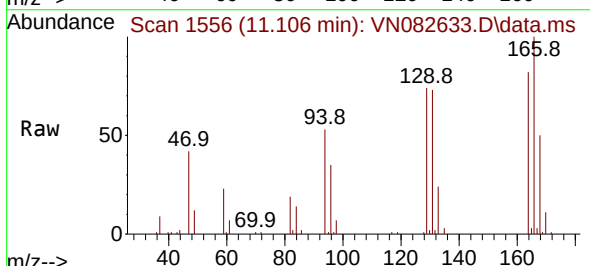
Manual Integrations
APPROVED

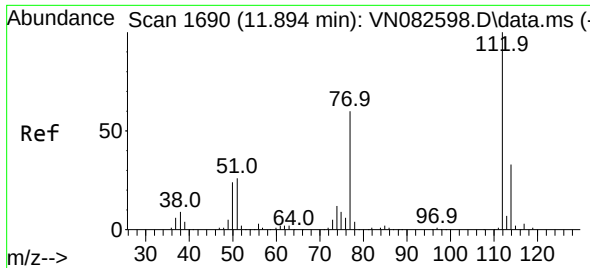
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#64
Tetrachloroethene
Concen: 17.582 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN082633.D
Acq: 19 Jun 2024 11:55

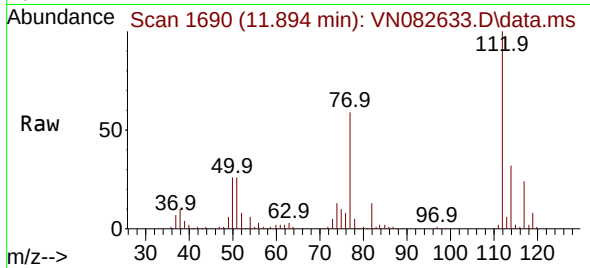
Tgt Ion:164 Resp: 38684
Ion Ratio Lower Upper
164 100
166 121.7 101.4 152.0
129 90.3 75.7 113.5
131 88.9 73.8 110.6





#65
Chlorobenzene
Concen: 18.414 ug/l
RT: 11.894 min Scan# 112674
Delta R.T. 0.000 min
Lab File: VN082633.D
Acq: 19 Jun 2024 11:55

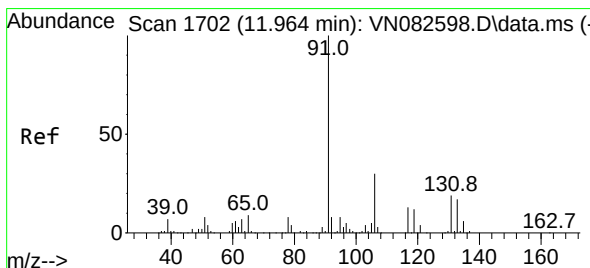
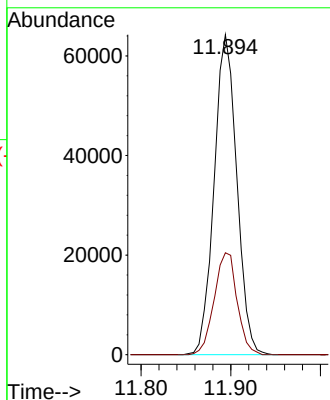
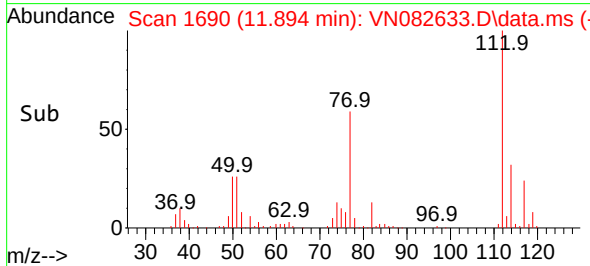
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01



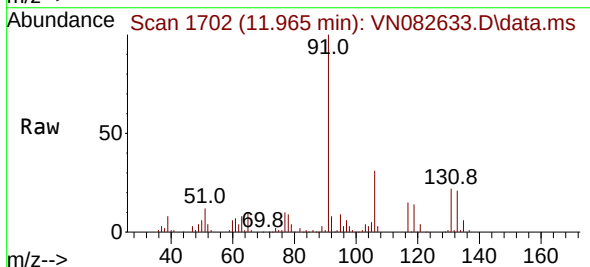
Tgt Ion:112 Resp: 112674
Ion Ratio Lower Upper
112 100
114 31.8 26.2 39.2

Manual Integrations
APPROVED

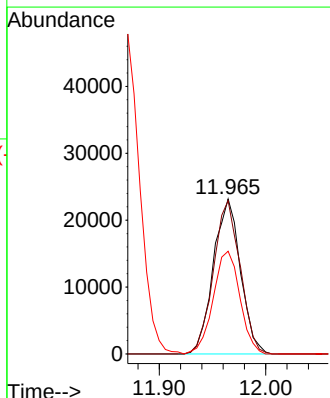
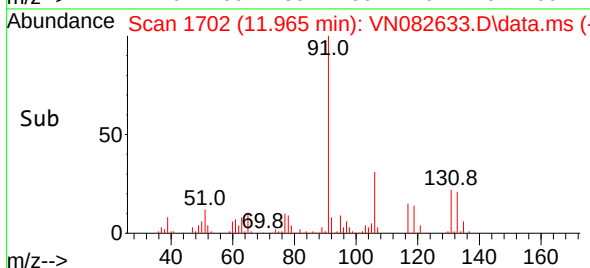
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024

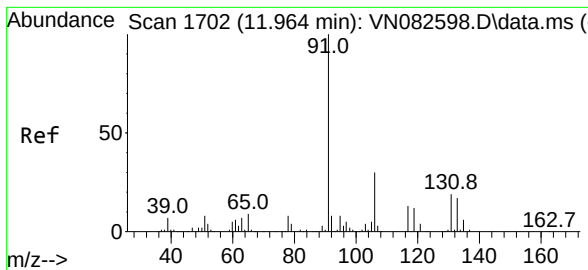


#66
1,1,1,2-Tetrachloroethane
Concen: 18.767 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN082633.D
Acq: 19 Jun 2024 11:55



Tgt Ion:131 Resp: 40948
Ion Ratio Lower Upper
131 100
133 97.7 47.3 142.0
119 65.3 32.5 97.4





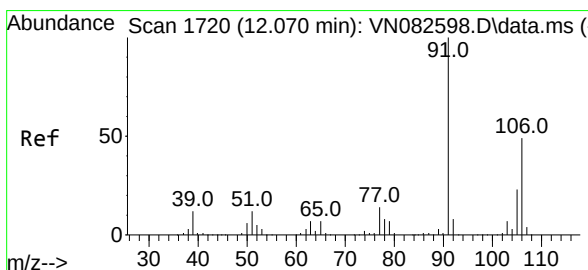
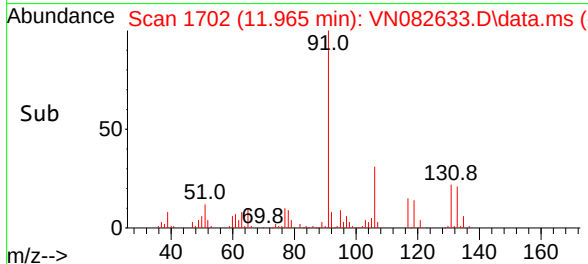
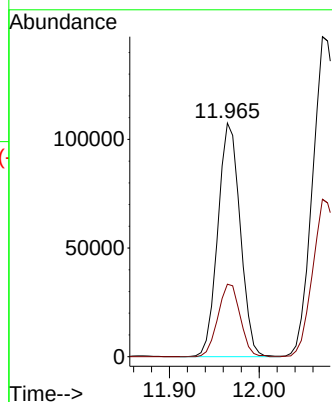
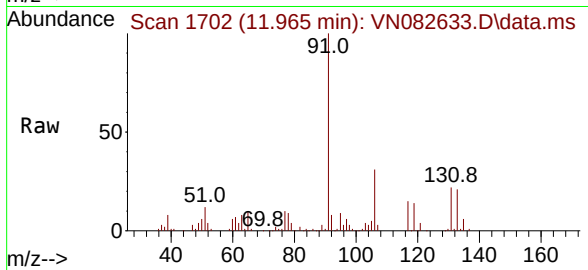
#67
Ethyl Benzene
Concen: 17.811 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN082633.D
Acq: 19 Jun 2024 11:55

Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01

Tgt Ion: 91 Resp: 18570
Ion Ratio Lower Upper
91 100
106 31.0 24.0 36.0

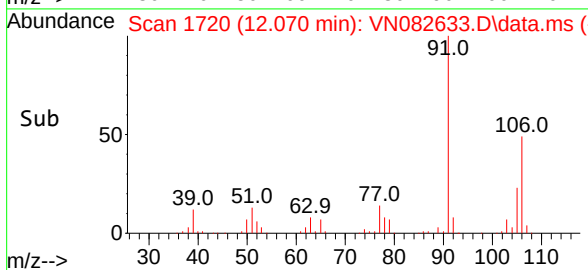
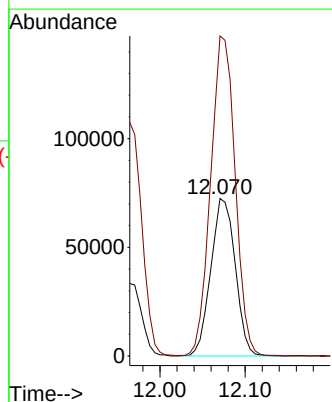
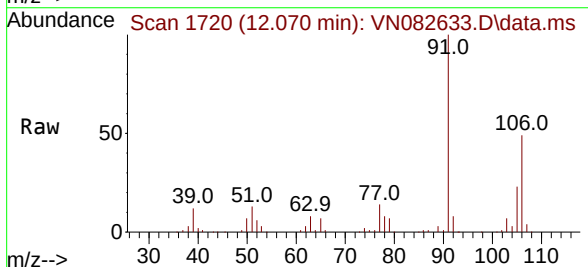
Manual Integrations
APPROVED

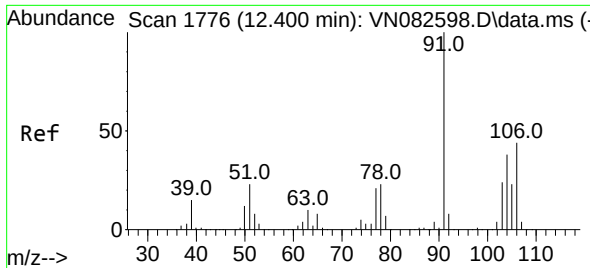
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#68
m/p-Xylenes
Concen: 37.154 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN082633.D
Acq: 19 Jun 2024 11:55

Tgt Ion:106 Resp: 144118
Ion Ratio Lower Upper
106 100
91 204.3 166.1 249.1





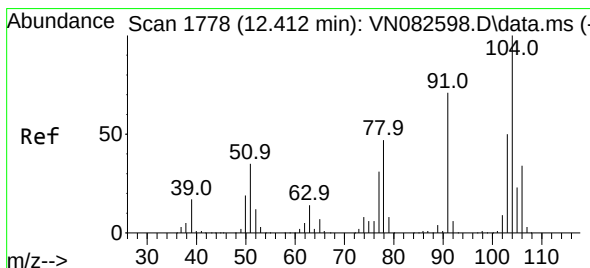
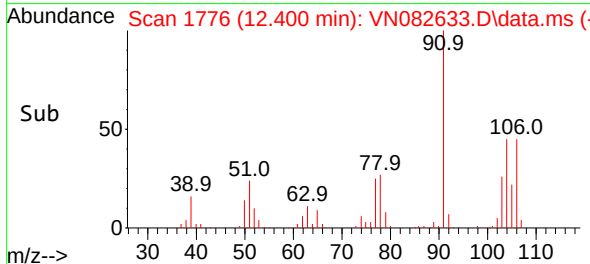
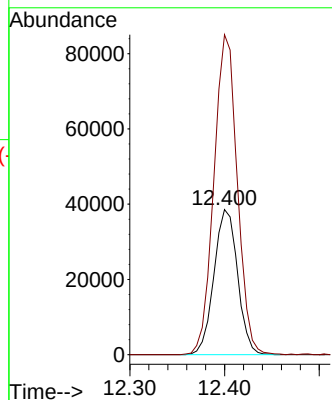
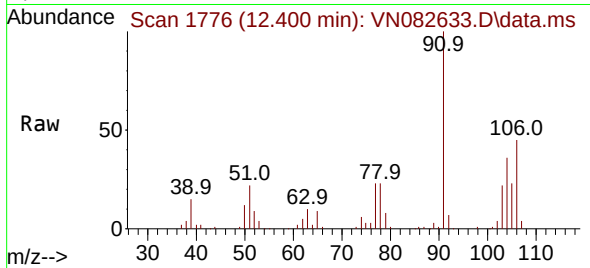
#69
o-Xylene
Concen: 18.343 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN082633.D
Acq: 19 Jun 2024 11:55

Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01

Tgt Ion:106 Resp: 66840
Ion Ratio Lower Upper
106 100
91 218.6 111.3 333.9

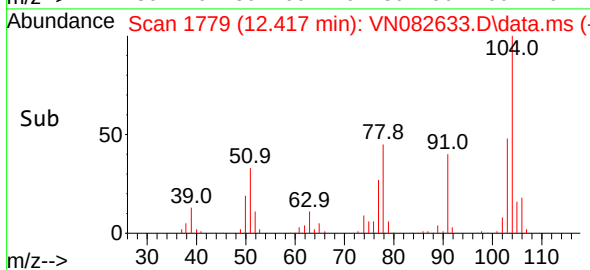
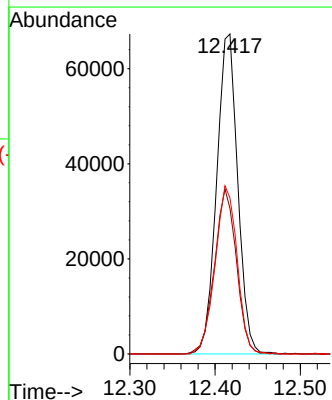
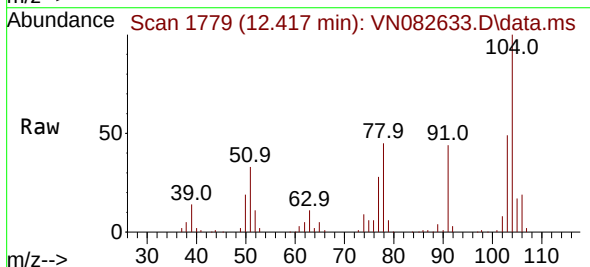
Manual Integrations
APPROVED

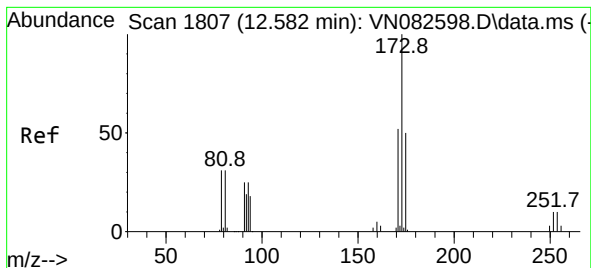
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#70
Styrene
Concen: 18.741 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. 0.005 min
Lab File: VN082633.D
Acq: 19 Jun 2024 11:55

Tgt Ion:104 Resp: 115917
Ion Ratio Lower Upper
104 100
78 53.7 41.6 62.4
103 55.0 44.0 66.0





#71

Bromoform

Concen: 19.324 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN082633.D

Acq: 19 Jun 2024 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN0619WBSD01

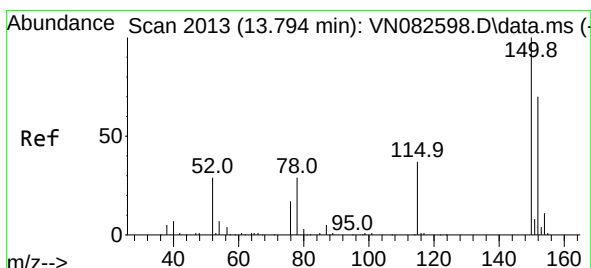
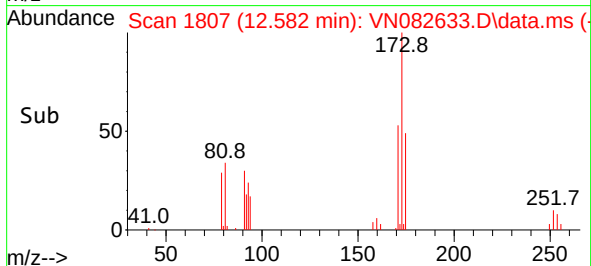
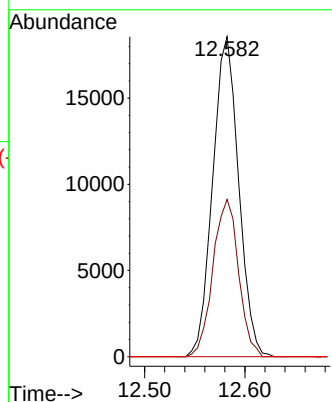
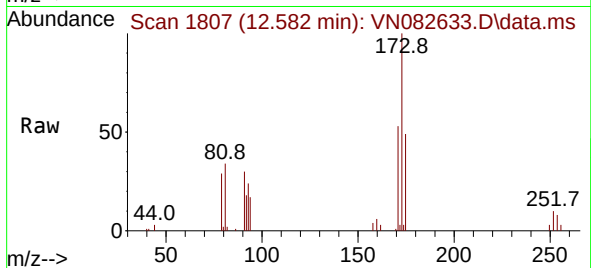
Tgt Ion:	173	Resp:	3333
Ion Ratio	Lower	Upper	
173	100		
175	48.5	24.0	72.0
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2024

Supervised By :Mahesh Dadoda 06/20/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

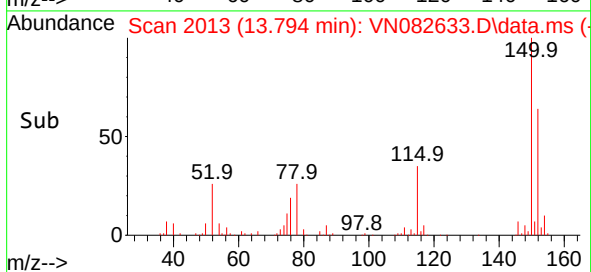
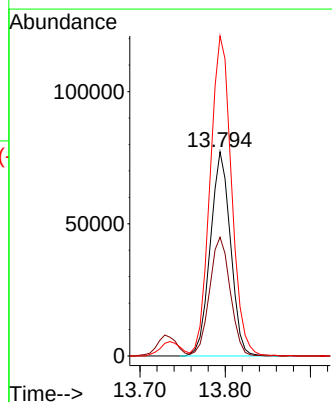
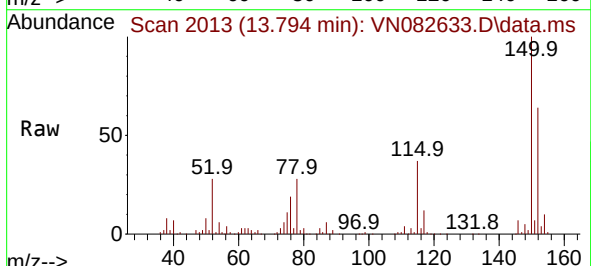
RT: 13.794 min Scan# 2013

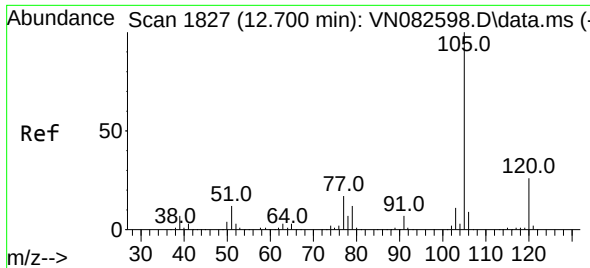
Delta R.T. 0.000 min

Lab File: VN082633.D

Acq: 19 Jun 2024 11:55

Tgt Ion:	152	Resp:	127054
Ion Ratio	Lower	Upper	
152	100		
115	59.5	30.6	91.6
150	166.0	0.0	348.6





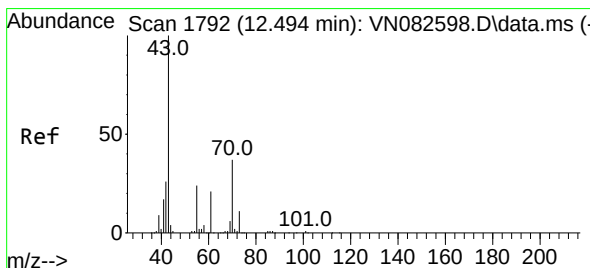
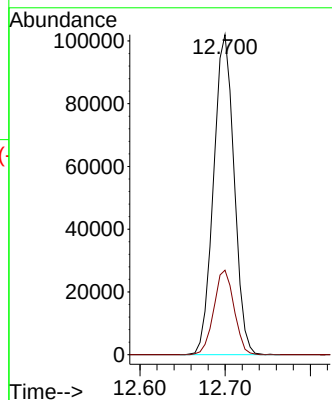
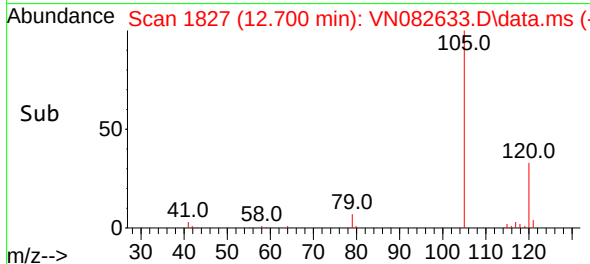
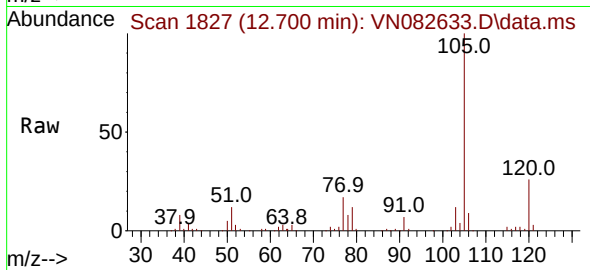
#73
Isopropylbenzene
Concen: 17.720 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN082633.D
Acq: 19 Jun 2024 11:55

Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01

Tgt Ion:105 Resp: 17095
Ion Ratio Lower Upper
105 100
120 26.0 12.9 38.6

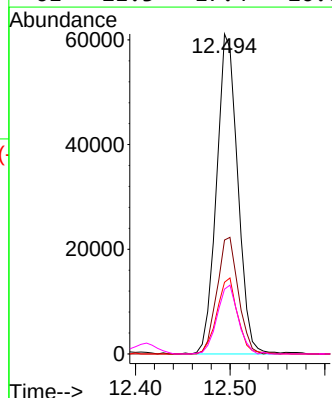
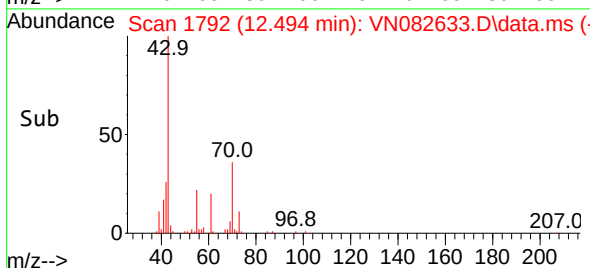
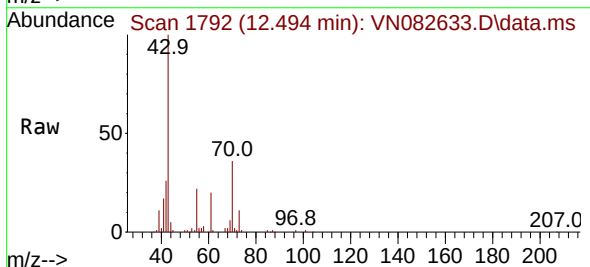
Manual Integrations
APPROVED

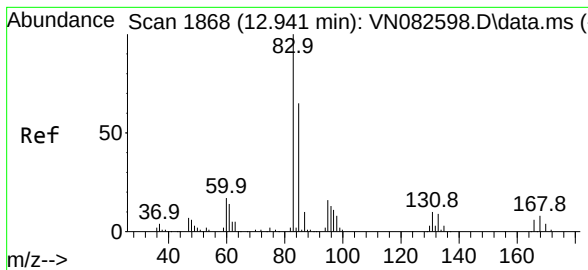
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#74
N-ethyl acetate
Concen: 18.476 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN082633.D
Acq: 19 Jun 2024 11:55

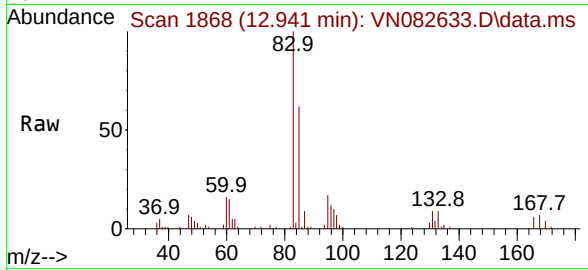
Tgt Ion: 43 Resp: 95131
Ion Ratio Lower Upper
43 100
70 36.7 29.8 44.6
55 23.2 18.7 28.1
61 21.3 17.4 26.0





#75
1,1,2,2-Tetrachloroethane
Concen: 18.814 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN082633.D
Acq: 19 Jun 2024 11:55

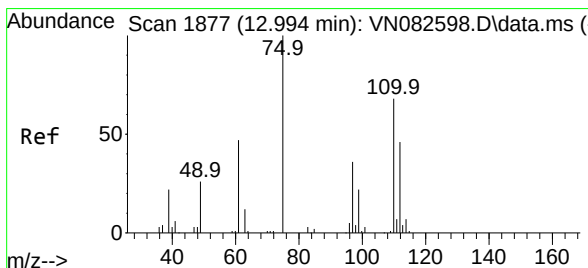
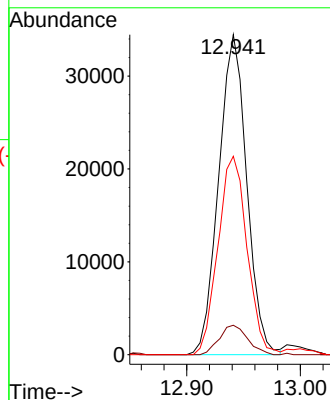
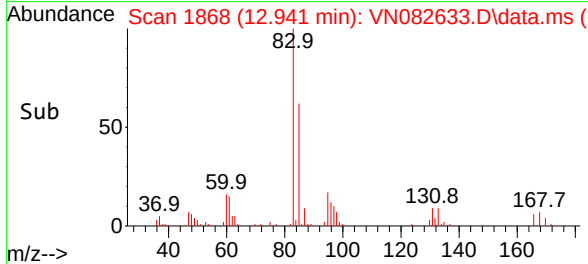
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01



Tgt Ion: 83 Resp: 5920
Ion Ratio Lower Upper
83 100
131 9.3 5.0 14.9
85 64.0 31.9 95.7

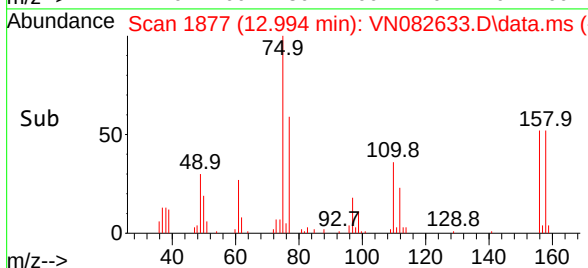
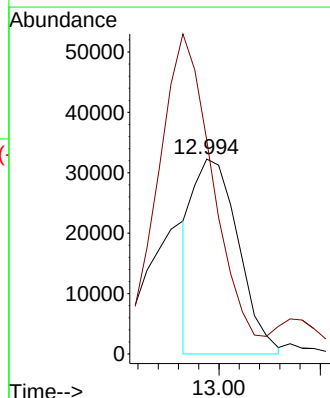
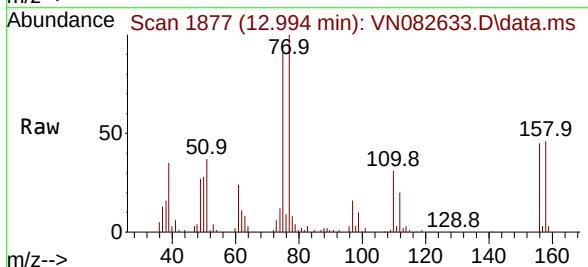
Manual Integrations
APPROVED

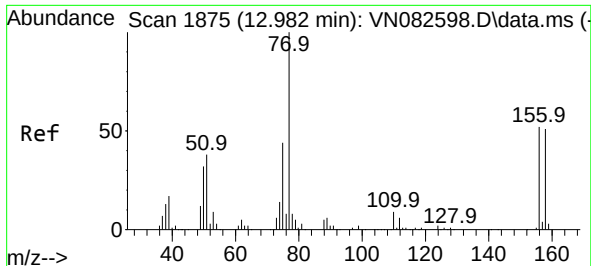
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#76
1,2,3-Trichloropropane
Concen: 16.153 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN082633.D
Acq: 19 Jun 2024 11:55

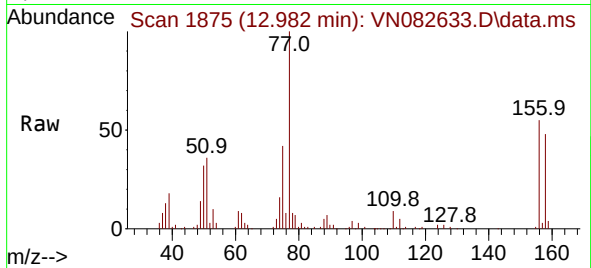
Tgt Ion: 75 Resp: 50195
Ion Ratio Lower Upper
75 100
77 203.4 110.9 332.6





#77
Bromobenzene
Concen: 18.042 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN082633.D
Acq: 19 Jun 2024 11:55

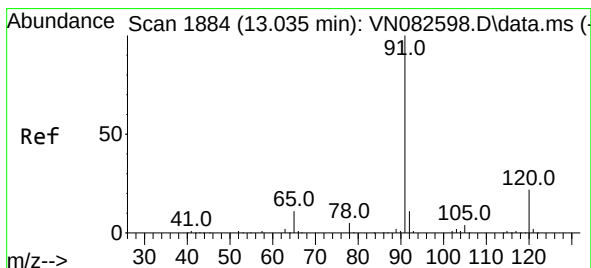
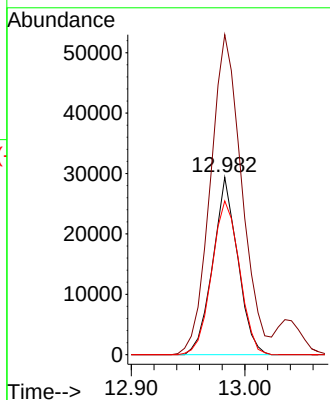
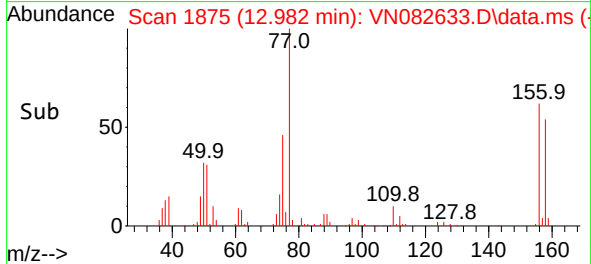
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01



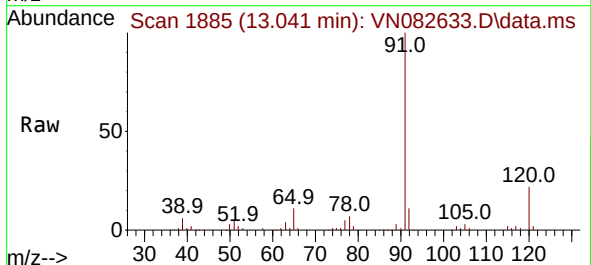
Tgt Ion:156 Resp: 44800
Ion Ratio Lower Upper
156 100
77 227.9 111.3 333.8
158 96.1 48.3 144.9

Manual Integrations
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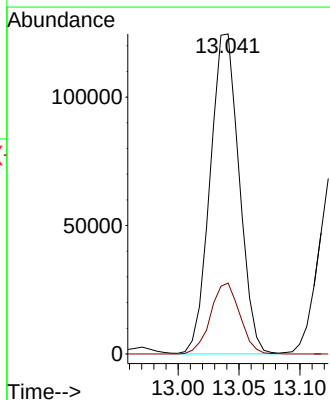
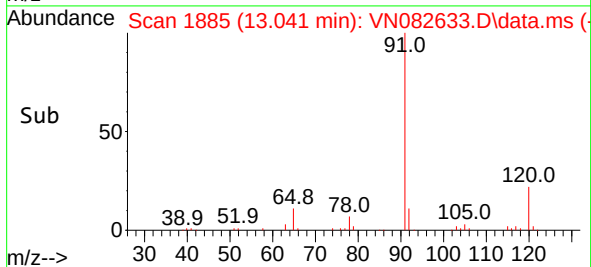
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024

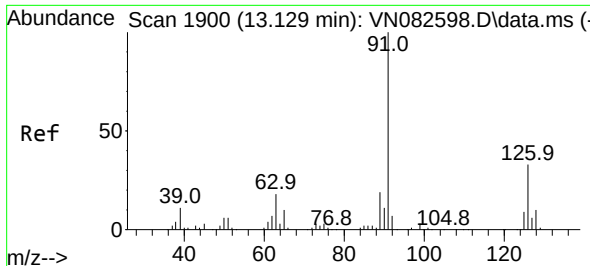


#78
n-propylbenzene
Concen: 18.136 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.006 min
Lab File: VN082633.D
Acq: 19 Jun 2024 11:55



Tgt Ion: 91 Resp: 206973
Ion Ratio Lower Upper
91 100
120 22.2 10.9 32.9





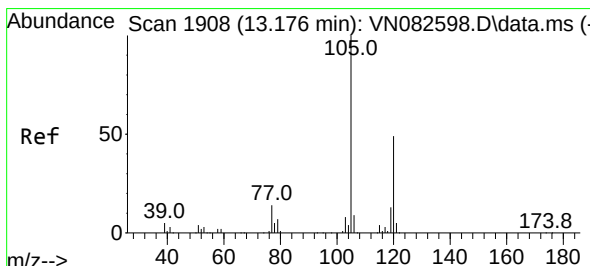
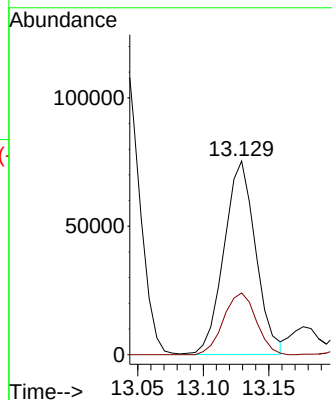
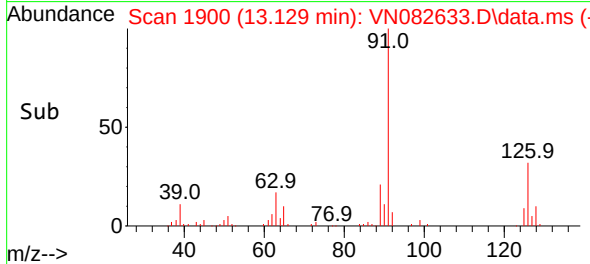
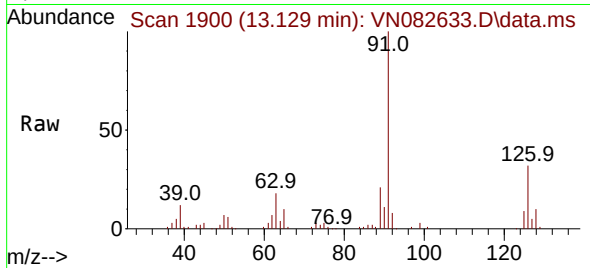
#79
2-Chlorotoluene
Concen: 17.685 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN082633.D
Acq: 19 Jun 2024 11:55

Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01

Tgt Ion: 91 Resp: 126560
Ion Ratio Lower Upper
91 100
126 32.8 16.2 48.6

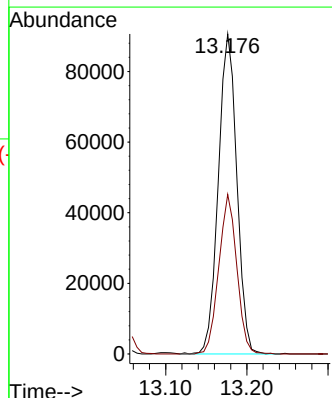
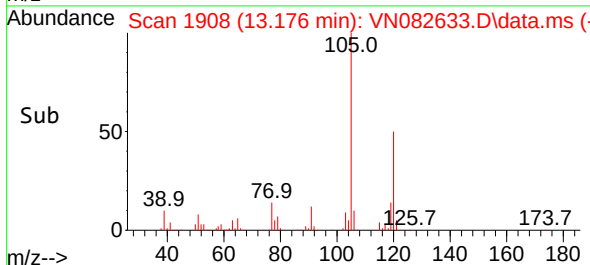
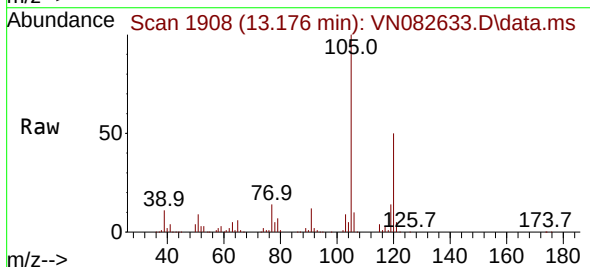
Manual Integrations
APPROVED

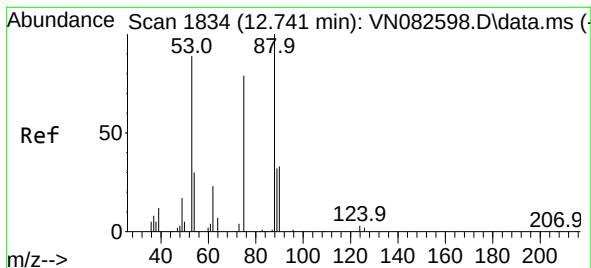
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#80
1,3,5-Trimethylbenzene
Concen: 18.356 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN082633.D
Acq: 19 Jun 2024 11:55

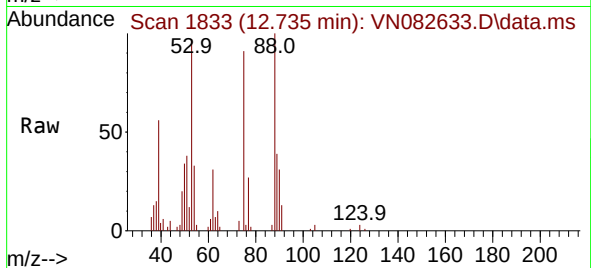
Tgt Ion:105 Resp: 143716
Ion Ratio Lower Upper
105 100
120 48.5 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 17.253 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN082633.D
Acq: 19 Jun 2024 11:55

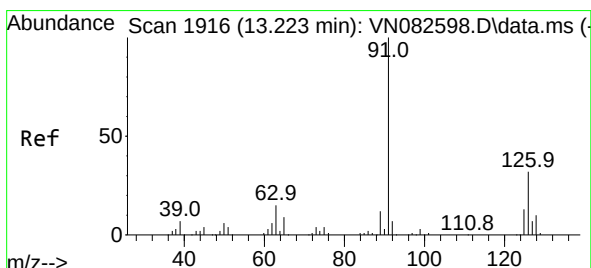
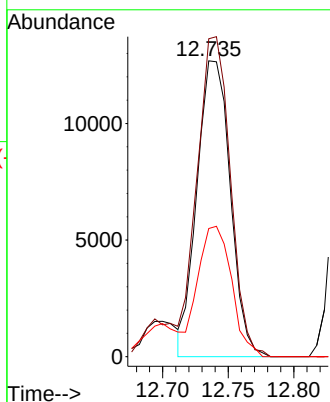
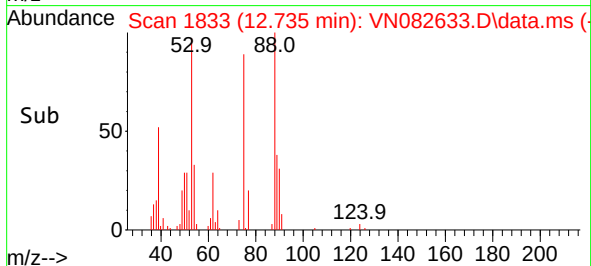
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01



Tgt Ion: 75 Resp: 22410
Ion Ratio Lower Upper
75 100
53 107.9 88.4 132.6
89 43.9 36.3 54.5

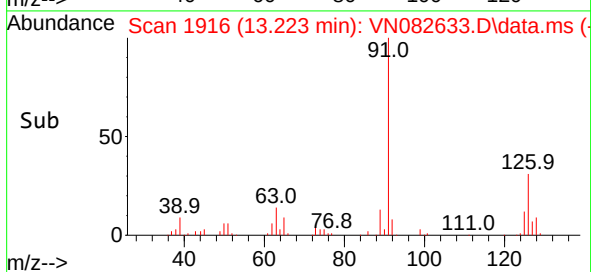
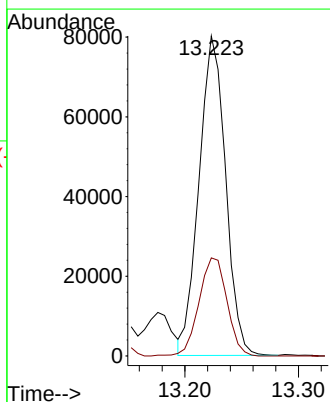
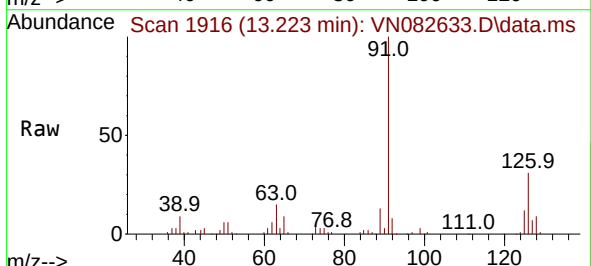
Manual Integrations
APPROVED

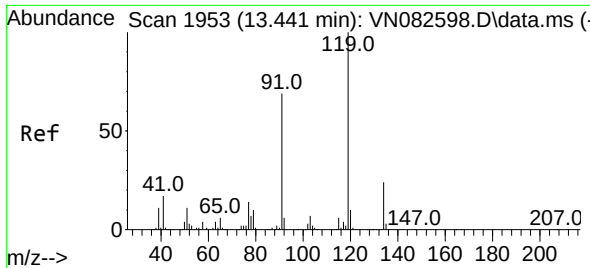
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#82
4-Chlorotoluene
Concen: 18.215 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN082633.D
Acq: 19 Jun 2024 11:55

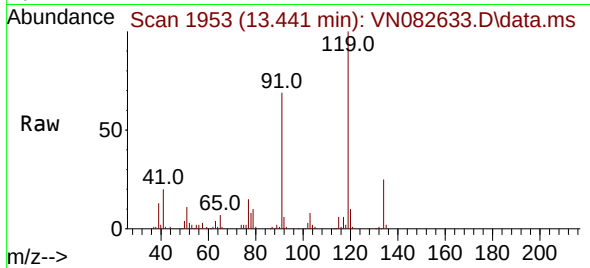
Tgt Ion: 91 Resp: 130223
Ion Ratio Lower Upper
91 100
126 32.4 16.2 48.6





#83
tert-Butylbenzene
Concen: 17.887 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN082633.D
Acq: 19 Jun 2024 11:55

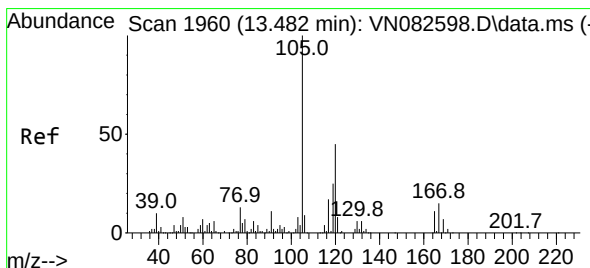
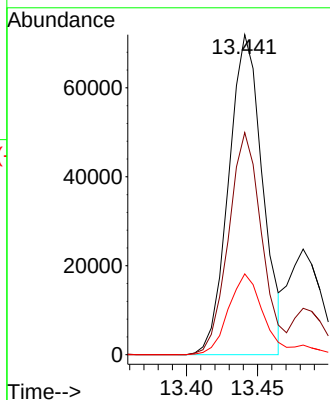
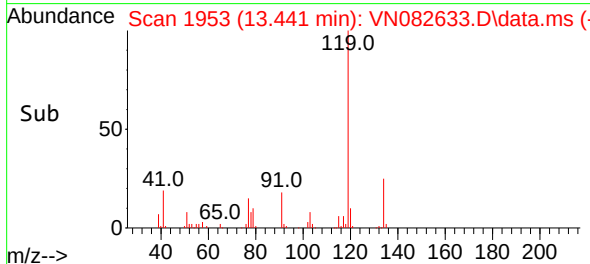
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01



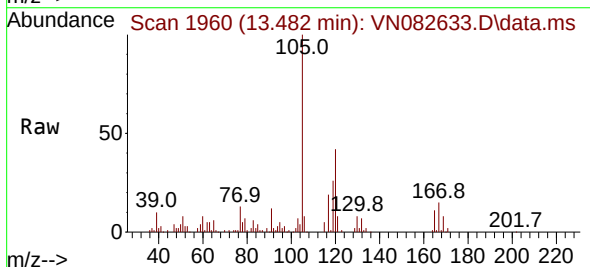
Tgt Ion:119 Resp: 11929
Ion Ratio Lower Upper
119 100
91 68.7 35.0 105.1
134 27.5 13.3 39.8

Manual Integrations
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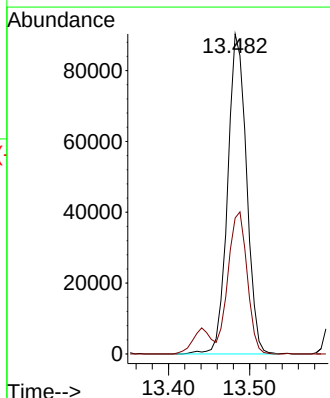
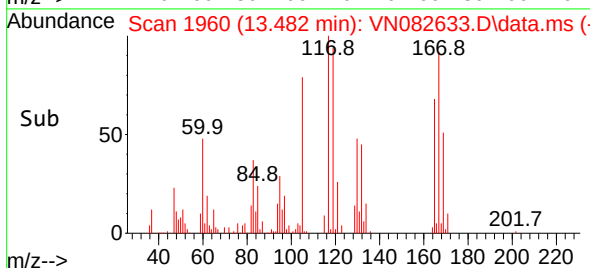
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024

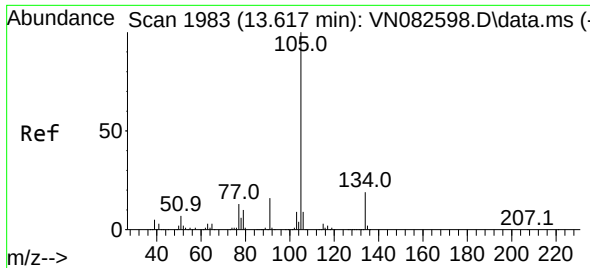


#84
1,2,4-Trimethylbenzene
Concen: 18.543 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN082633.D
Acq: 19 Jun 2024 11:55



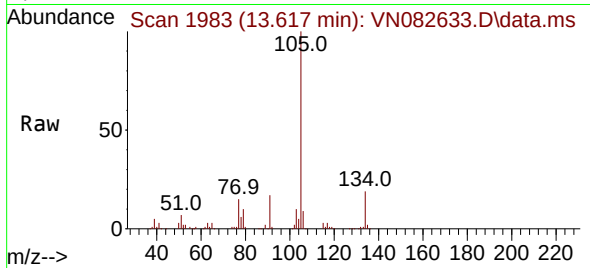
Tgt Ion:105 Resp: 145644
Ion Ratio Lower Upper
105 100
120 44.7 21.9 65.8





#85
 sec-Butylbenzene
 Concen: 17.778 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN082633.D
 Acq: 19 Jun 2024 11:55

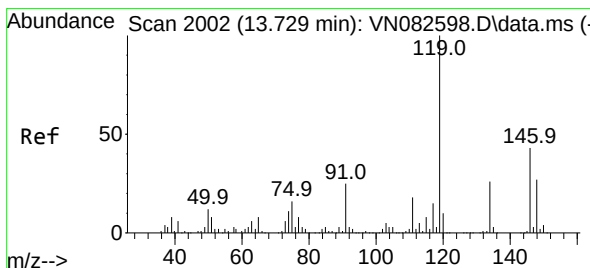
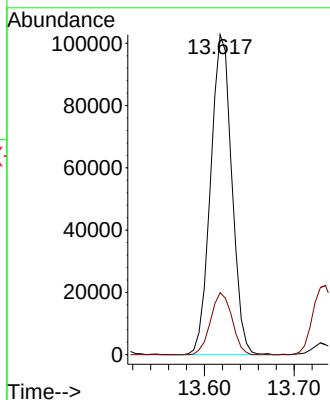
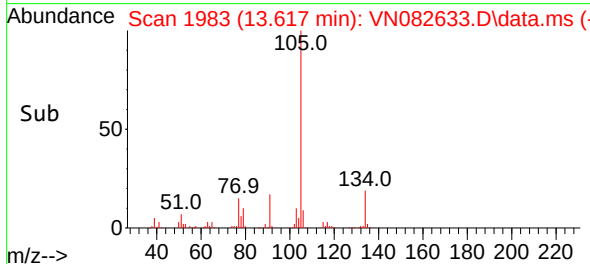
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0619WBSD01



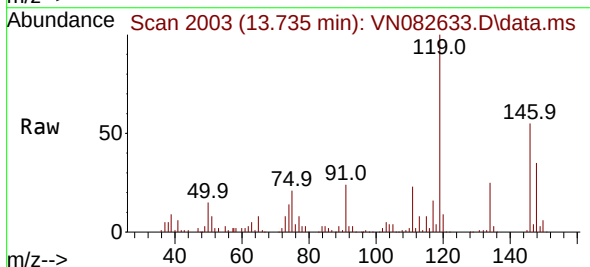
Tgt Ion:105 Resp: 168389
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.3

Manual Integrations
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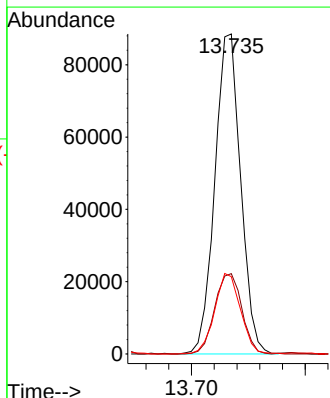
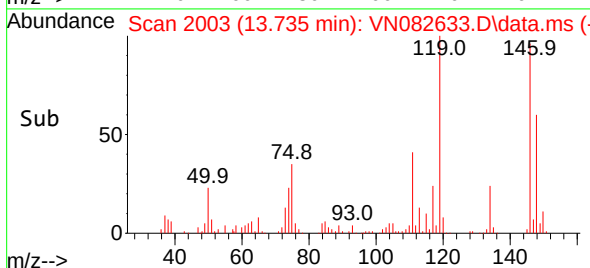
Reviewed By :John Carlone 06/20/2024
 Supervised By :Mahesh Dadoda 06/20/2024

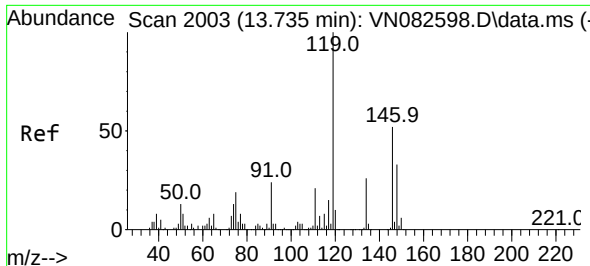


#86
 p-Isopropyltoluene
 Concen: 18.324 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.006 min
 Lab File: VN082633.D
 Acq: 19 Jun 2024 11:55



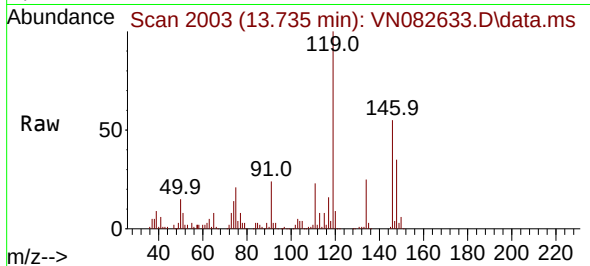
Tgt Ion:119 Resp: 139762
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.0 39.0
 91 25.3 12.3 36.9





#87
1,3-Dichlorobenzene
Concen: 18.074 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN082633.D
Acq: 19 Jun 2024 11:55

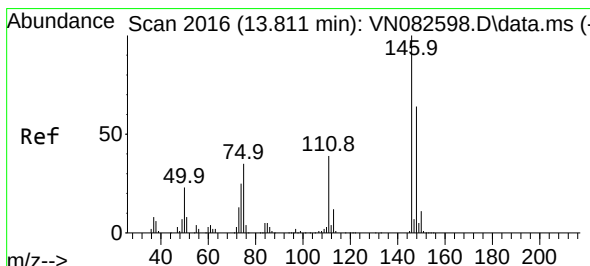
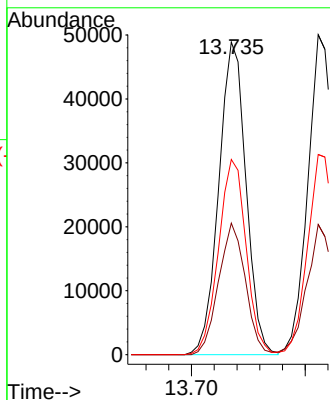
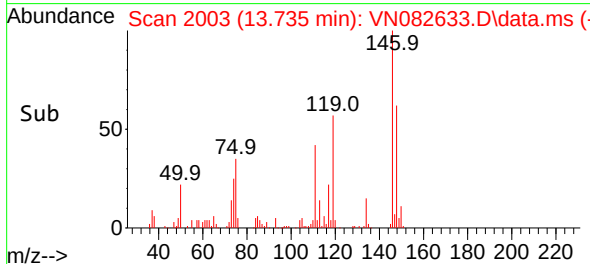
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01



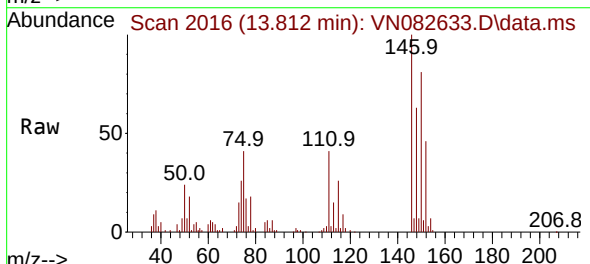
Tgt Ion:146 Resp: 8138
Ion Ratio Lower Upper
146 100
111 41.4 20.6 61.9
148 63.3 31.8 95.3

Manual Integrations
APPROVED

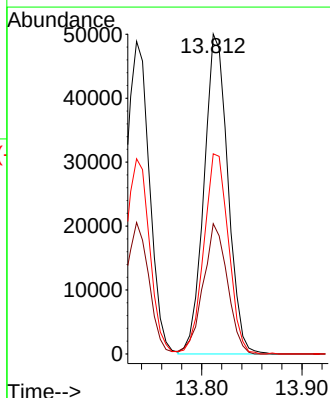
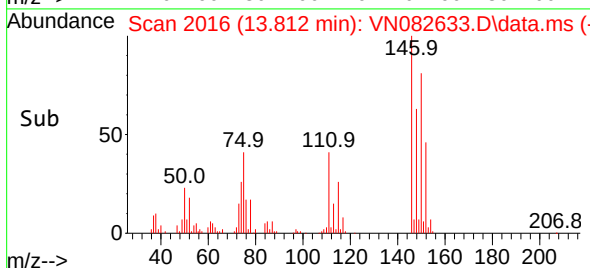
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024

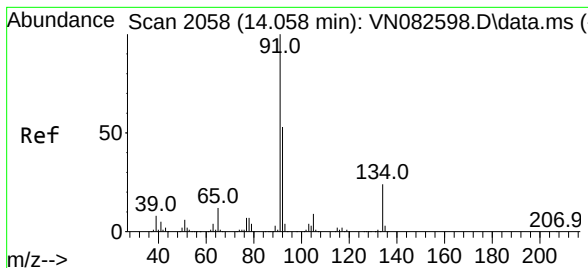


#88
1,4-Dichlorobenzene
Concen: 17.572 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN082633.D
Acq: 19 Jun 2024 11:55



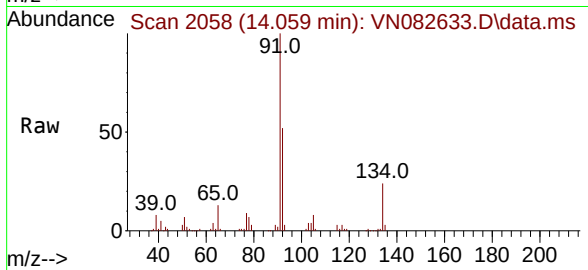
Tgt Ion:146 Resp: 82702
Ion Ratio Lower Upper
146 100
111 41.5 20.1 60.3
148 64.5 32.2 96.6





#89
n-Butylbenzene
Concen: 17.563 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN082633.D
Acq: 19 Jun 2024 11:55

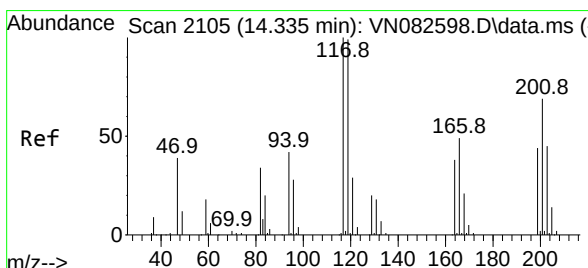
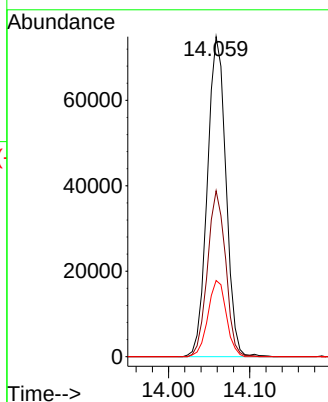
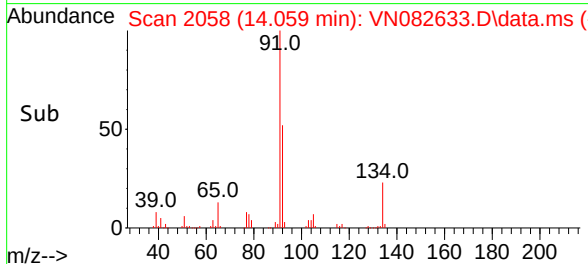
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01



Tgt Ion: 91 Resp: 11882
Ion Ratio Lower Upper
91 100
92 50.5 26.1 78.3
134 23.6 12.1 36.3

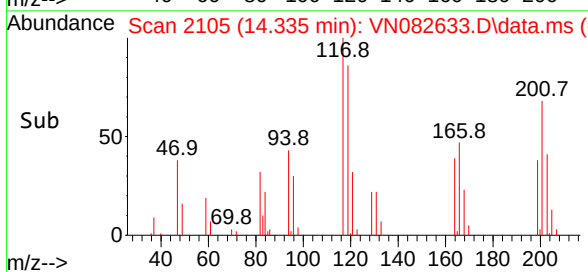
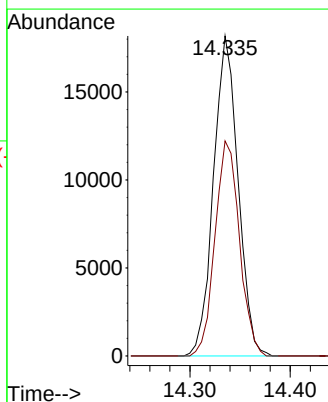
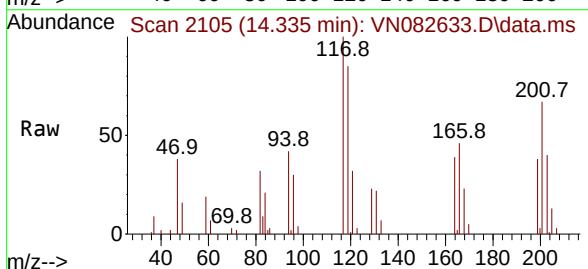
Manual Integrations
APPROVED

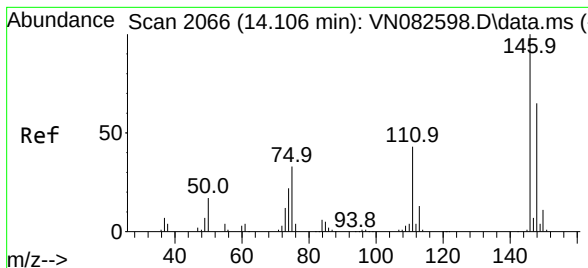
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#90
Hexachloroethane
Concen: 18.655 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN082633.D
Acq: 19 Jun 2024 11:55

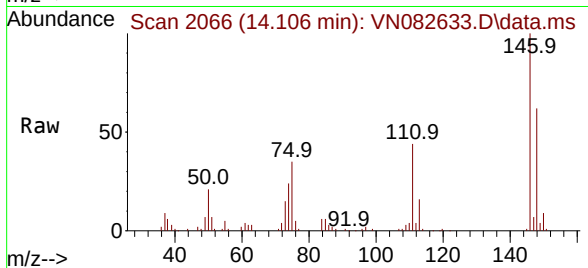
Tgt Ion:117 Resp: 30959
Ion Ratio Lower Upper
117 100
201 66.8 35.8 107.3





#91
1,2-Dichlorobenzene
Concen: 18.045 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN082633.D
Acq: 19 Jun 2024 11:55

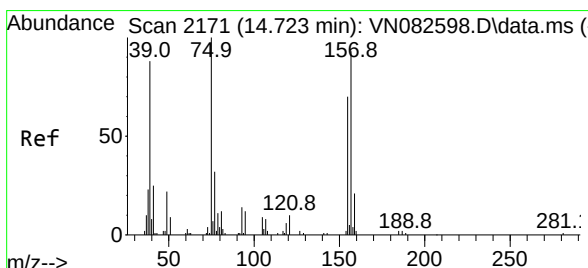
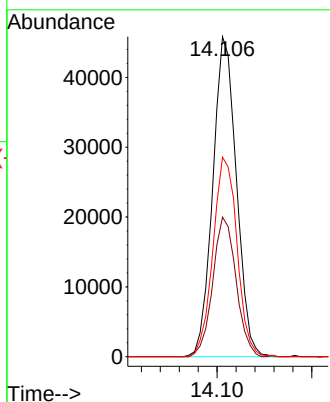
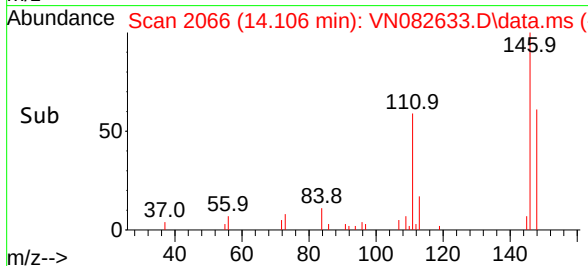
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01



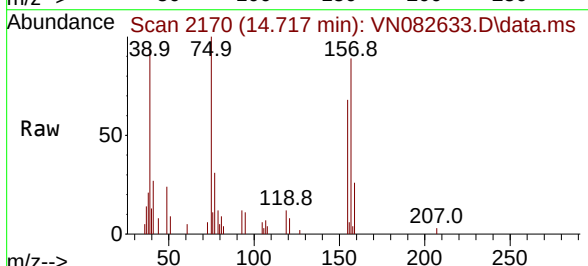
Tgt Ion:146 Resp: 79334
Ion Ratio Lower Upper
146 100
111 43.0 21.4 64.2
148 63.5 32.1 96.5

Manual Integrations
APPROVED

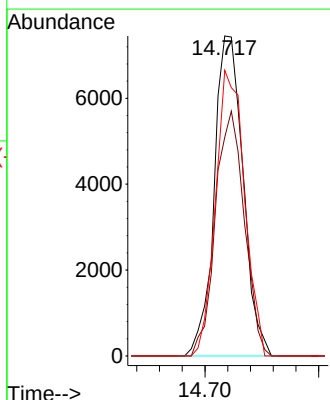
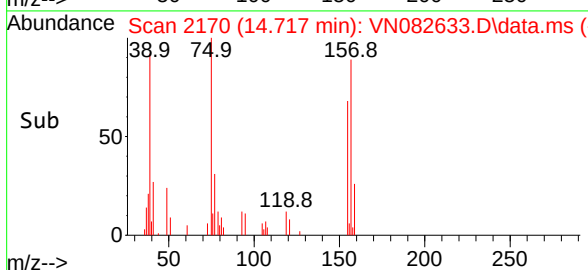
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024

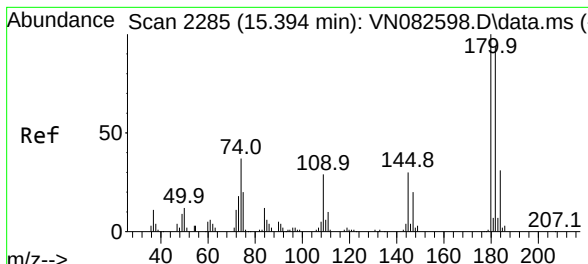


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.730 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN082633.D
Acq: 19 Jun 2024 11:55



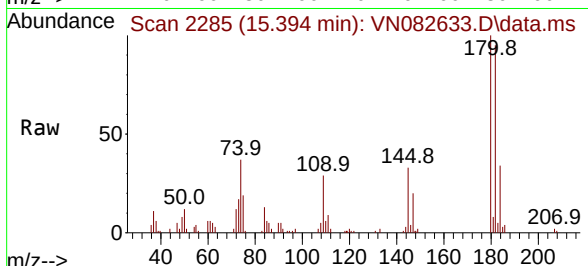
Tgt Ion: 75 Resp: 13141
Ion Ratio Lower Upper
75 100
155 76.6 36.6 109.8
157 89.4 46.9 140.6





#93
 1,2,4-Trichlorobenzene
 Concen: 17.552 ug/l
 RT: 15.394 min Scan# 2285
 Delta R.T. -0.000 min
 Lab File: VN082633.D
 Acq: 19 Jun 2024 11:55

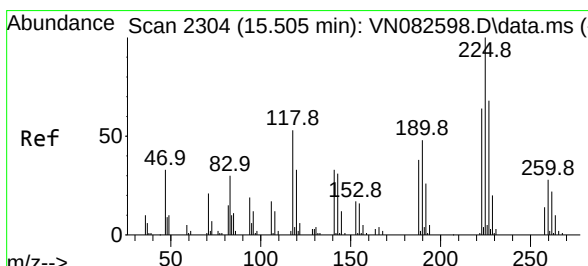
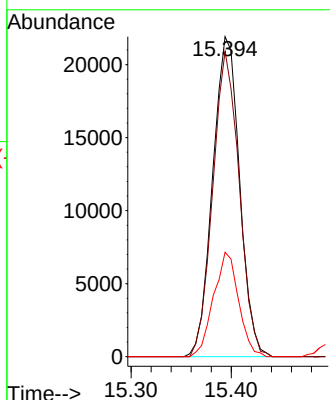
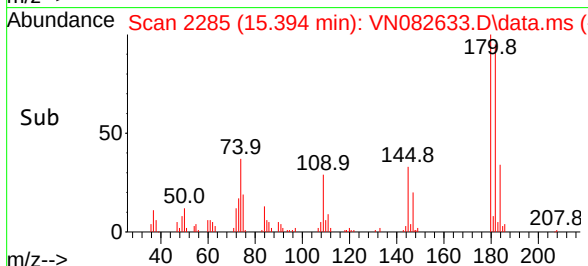
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0619WBSD01



Tgt Ion:180 Resp: 40692
 Ion Ratio Lower Upper
 180 100
 182 93.5 47.3 141.8
 145 30.5 15.7 47.1

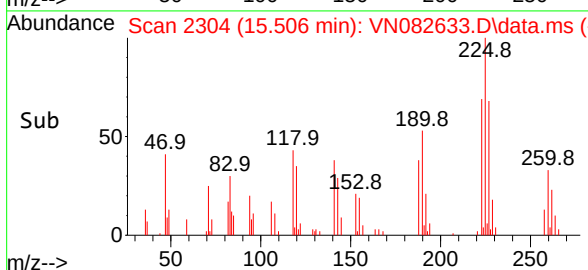
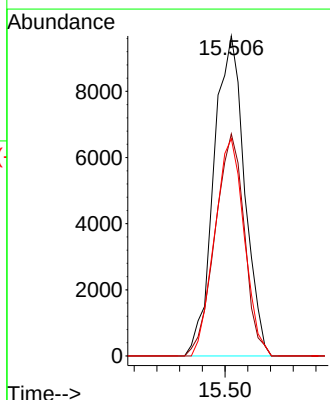
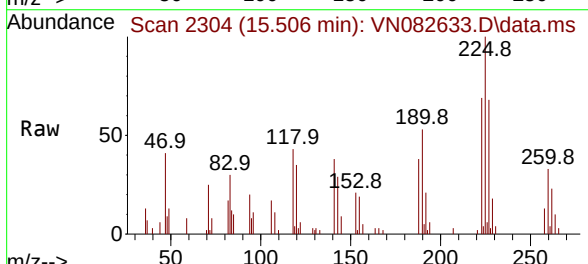
Manual Integrations
 APPROVED

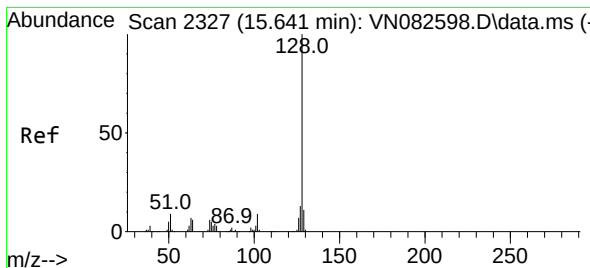
Reviewed By :John Carlone 06/20/2024
 Supervised By :Mahesh Dadoda 06/20/2024



#94
 Hexachlorobutadiene
 Concen: 15.885 ug/l
 RT: 15.506 min Scan# 2304
 Delta R.T. 0.001 min
 Lab File: VN082633.D
 Acq: 19 Jun 2024 11:55

Tgt Ion:225 Resp: 18157
 Ion Ratio Lower Upper
 225 100
 223 66.1 31.9 95.7
 227 65.6 32.5 97.5





#95

Naphthalene

Concen: 18.241 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN082633.D

Acq: 19 Jun 2024 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN0619WBSD01

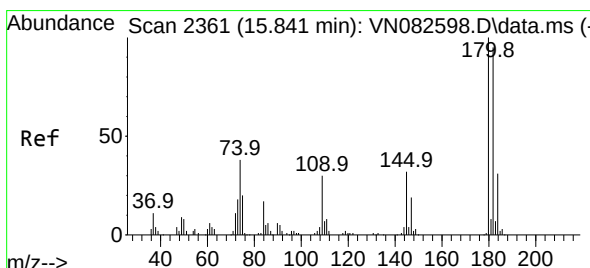
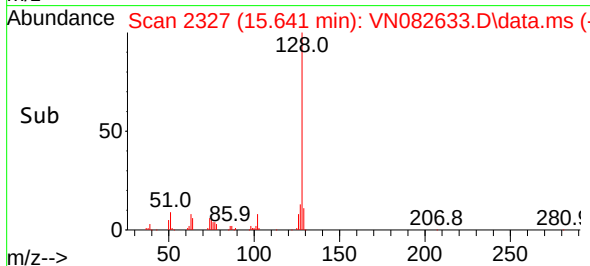
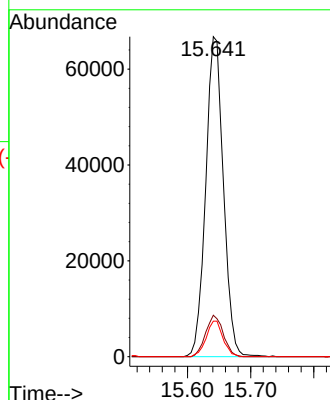
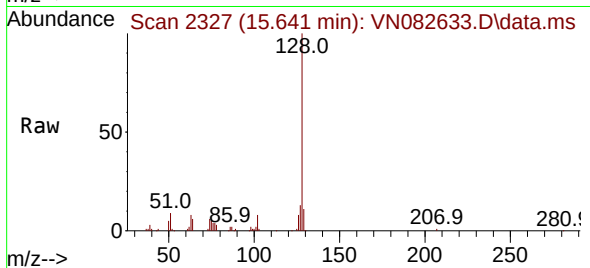
Tgt Ion:	128	Resp:	130104
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.6	16.0
129	10.6	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2024

Supervised By :Mahesh Dadoda 06/20/2024



#96

1,2,3-Trichlorobenzene

Concen: 17.588 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.006 min

Lab File: VN082633.D

Acq: 19 Jun 2024 11:55

Tgt Ion:	180	Resp:	41554
Ion Ratio	Lower	Upper	
180	100		
182	97.9	48.9	146.8
145	32.6	16.8	50.4

