

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062024\
 Data File : VN082660.D
 Acq On : 20 Jun 2024 11:56
 Operator : JC\MD
 Sample : VN0620WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0620WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/21/2024
 Supervised By : Mahesh Dadoda 06/21/2024

Quant Time: Jun 21 02:03:21 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	8.224	168	176085	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	299920	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	275197	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	130340	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	147342	52.179	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.360%			
35) Dibromofluoromethane	8.171	113	104515	51.368	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.740%			
50) Toluene-d8	10.571	98	388652	50.512	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.020%			
62) 4-Bromofluorobenzene	12.853	95	129597	48.855	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 97.700%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	45764	18.609	ug/l	91
3) Chloromethane	2.359	50	48433	16.429	ug/l	99
4) Vinyl Chloride	2.512	62	52470	18.702	ug/l	96
5) Bromomethane	2.959	94	32847	18.187	ug/l	94
6) Chloroethane	3.118	64	36788	18.389	ug/l	98
7) Trichlorofluoromethane	3.495	101	66774	18.243	ug/l	95
8) Diethyl Ether	3.965	74	23512	18.862	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.371	101	39508	19.270	ug/l	99
10) Methyl Iodide	4.589	142	36654	18.769	ug/l	90
11) Tert butyl alcohol	5.530	59	44238	95.722	ug/l	99
12) 1,1-Dichloroethene	4.342	96	35059	17.882	ug/l	95
13) Acrolein	4.183	56	30280	64.318	ug/l	98
14) Allyl chloride	5.024	41	68924	17.975	ug/l	94
15) Acrylonitrile	5.724	53	118980	97.532	ug/l	98
16) Acetone	4.430	43	111187	86.580	ug/l	98
17) Carbon Disulfide	4.712	76	104231	16.740	ug/l	99
18) Methyl Acetate	5.030	43	60239	19.179	ug/l	98
19) Methyl tert-butyl Ether	5.795	73	131431	19.584	ug/l #	91
20) Methylene Chloride	5.277	84	43839	19.417	ug/l	90
21) trans-1,2-Dichloroethene	5.795	96	37387	17.943	ug/l	90
22) Diisopropyl ether	6.671	45	158267	19.682	ug/l	96
23) Vinyl Acetate	6.606	43	613469	96.205	ug/l	99
24) 1,1-Dichloroethane	6.571	63	82392	18.914	ug/l	99
25) 2-Butanone	7.489	43	169058	92.617	ug/l	99
26) 2,2-Dichloropropane	7.494	77	66901	17.704	ug/l	97
27) cis-1,2-Dichloroethene	7.489	96	46090	18.358	ug/l	99
28) Bromochloromethane	7.818	49	41766	21.010	ug/l	98
29) Tetrahydrofuran	7.841	42	114316	102.302	ug/l	100
30) Chloroform	7.971	83	82036	19.306	ug/l	99
31) Cyclohexane	8.265	56	72489	17.788	ug/l	99
32) 1,1,1-Trichloroethane	8.171	97	72108	18.714	ug/l	95
36) 1,1-Dichloropropene	8.371	75	56248	18.493	ug/l	99
37) Ethyl Acetate	7.565	43	70988	18.323	ug/l	98
38) Carbon Tetrachloride	8.359	117	62083	18.112	ug/l	98
39) Methylcyclohexane	9.606	83	56507	17.654	ug/l	96
40) Benzene	8.612	78	176858	18.819	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	40086	20.241	ug/l	95
42) 1,2-Dichloroethane	8.671	62	69151	19.344	ug/l	99
43) Isopropyl Acetate	8.688	43	142240	19.645	ug/l	95
44) Trichloroethene	9.353	130	40336	18.483	ug/l	98
45) 1,2-Dichloropropane	9.624	63	46309	19.143	ug/l	97
46) Dibromomethane	9.712	93	32068	19.556	ug/l	99
47) Bromodichloromethane	9.888	83	66956	19.152	ug/l	96
48) Methyl methacrylate	9.683	41	55317	18.533	ug/l	98
49) 1,4-Dioxane	9.700	88	18736	401.297	ug/l	95
51) 4-Methyl-2-Pentanone	10.447	43	363518	97.884	ug/l	99
52) Toluene	10.635	92	107710	18.911	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	68233	19.092	ug/l	96
54) cis-1,3-Dichloropropene	10.318	75	71180	19.260	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	41585	20.173	ug/l	99
56) Ethyl methacrylate	10.877	69	64198	18.803	ug/l	97
57) 1,3-Dichloropropane	11.165	76	74594	19.574	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	166980	92.452	ug/l	98
59) 2-Hexanone	11.200	43	267000	94.592	ug/l	99
60) Dibromochloromethane	11.359	129	49544	19.688	ug/l	97
61) 1,2-Dibromoethane	11.471	107	41538	19.111	ug/l	97
64) Tetrachloroethene	11.106	164	41116	18.120	ug/l	97
65) Chlorobenzene	11.894	112	116011	18.383	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	42459	18.868	ug/l	99
67) Ethyl Benzene	11.965	91	195014	18.136	ug/l	100
68) m/p-Xylenes	12.076	106	149365	37.337	ug/l	99
69) o-Xylene	12.400	106	69773	18.564	ug/l	97
70) Styrene	12.412	104	120744	18.928	ug/l	100
71) Bromoform	12.582	173	33192	18.657	ug/l #	97
73) Isopropylbenzene	12.694	105	179355	18.121	ug/l	100
74) N-amyl acetate	12.494	43	95706	18.119	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	61070	18.916	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	57622m	18.075	ug/l	
77) Bromobenzene	12.982	156	45886	18.012	ug/l	98
78) n-propylbenzene	13.035	91	215013	18.366	ug/l	100
79) 2-Chlorotoluene	13.129	91	132213	18.008	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	151075	18.809	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	23754	17.827	ug/l	98
82) 4-Chlorotoluene	13.223	91	134050	18.277	ug/l	99
83) tert-Butylbenzene	13.441	119	122774	17.945	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	151925	18.855	ug/l	100
85) sec-Butylbenzene	13.618	105	176842	18.200	ug/l	100
86) p-Isopropyltoluene	13.729	119	144798	18.505	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	84263	18.242	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	84119	17.423	ug/l	98
89) n-Butylbenzene	14.059	91	123477	17.790	ug/l	99
90) Hexachloroethane	14.335	117	30391	17.851	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	81603	18.093	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	12898	18.877	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	41117	17.289	ug/l	99
94) Hexachlorobutadiene	15.500	225	19278	16.440	ug/l	99
95) Naphthalene	15.641	128	129053	17.638	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	41498	17.122	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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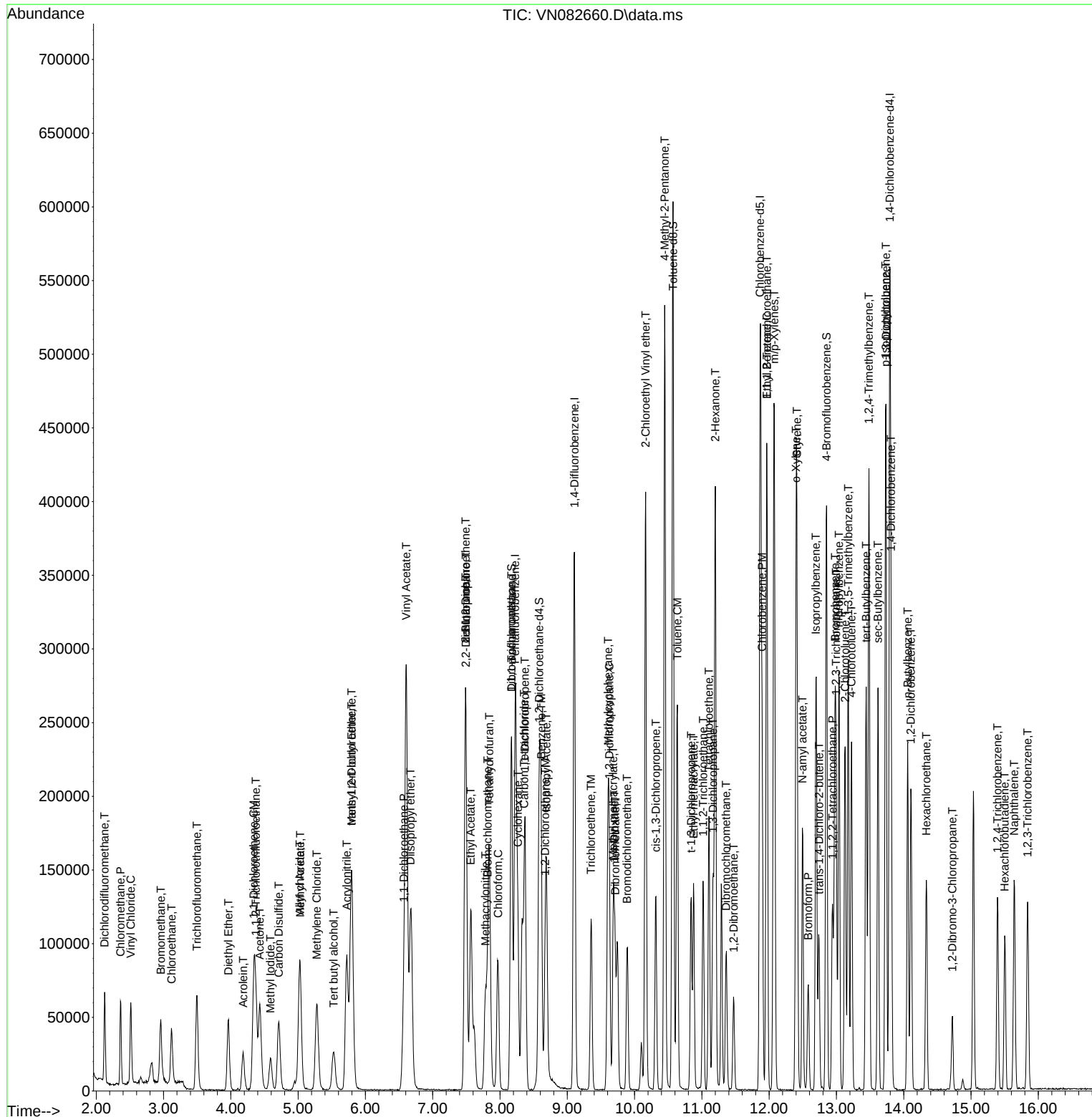
Quant Time: Jun 21 02:03:21 2024

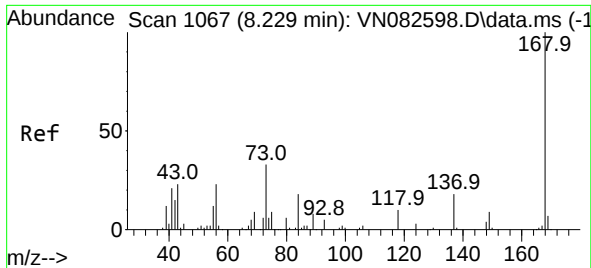
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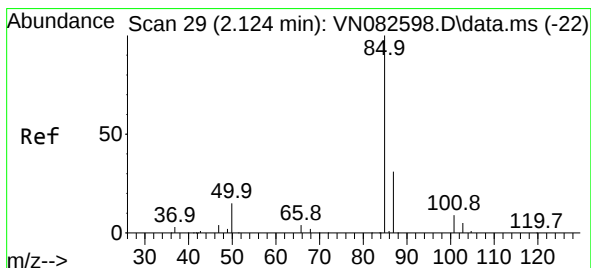
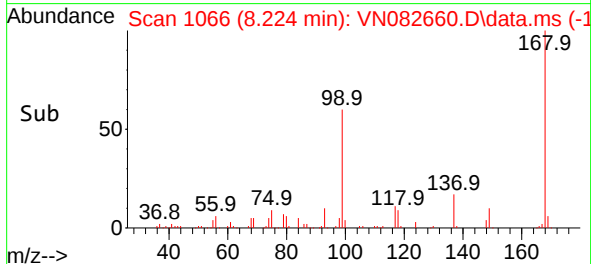
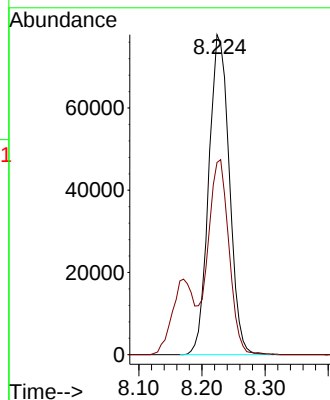
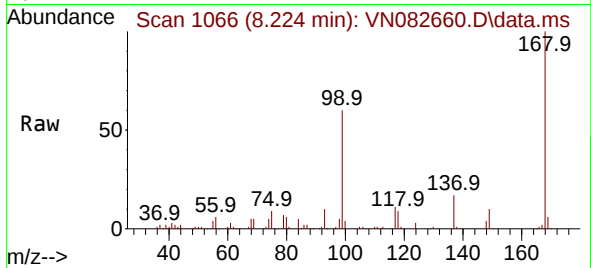
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1067
Delta R.T. -0.005 min
Lab File: VN082660.D
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Tgt Ion:168 Resp: 176085
Ion Ratio Lower Upper
168 100
99 60.0 48.2 72.4

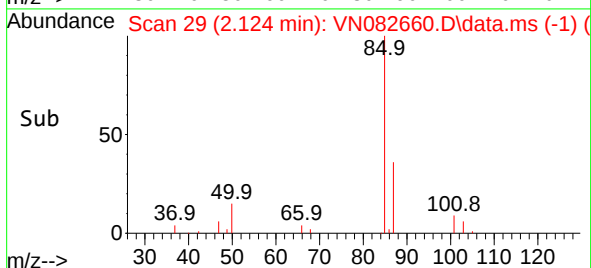
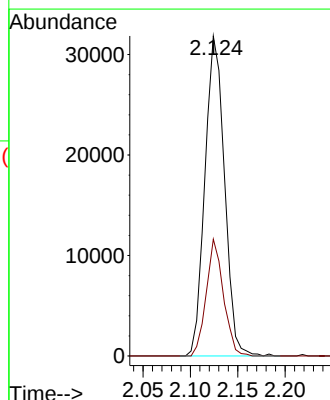
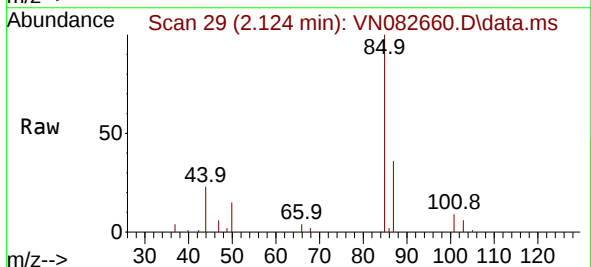
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#2
Dichlorodifluoromethane
Concen: 18.609 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN082660.D
Acq: 20 Jun 2024 11:56

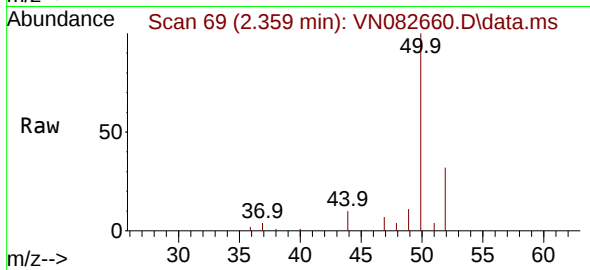
Tgt Ion: 85 Resp: 45764
Ion Ratio Lower Upper
85 100
87 36.5 15.7 47.0





#3
Chloromethane
Concen: 16.429 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN082660.D
Acq: 20 Jun 2024 11:56

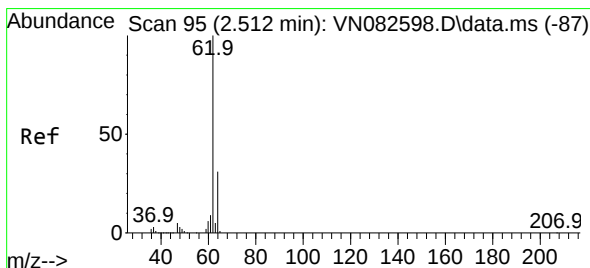
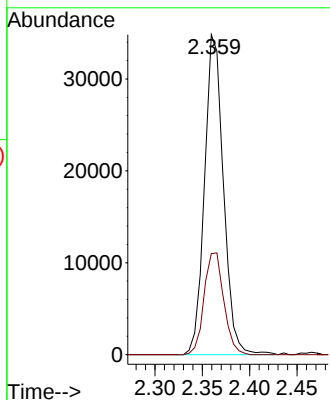
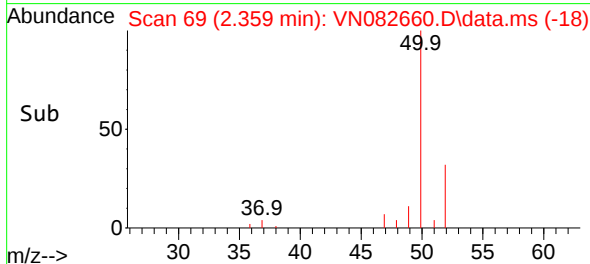
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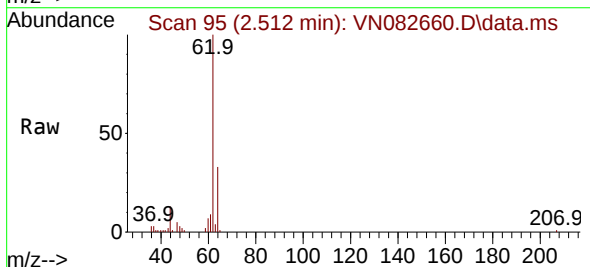
Tgt Ion: 50 Resp: 4843
Ion Ratio Lower Upper
50 100
52 31.6 25.0 37.4

Manual Integrations
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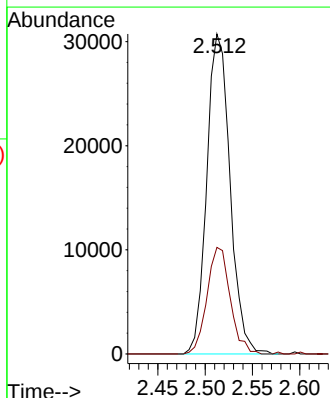
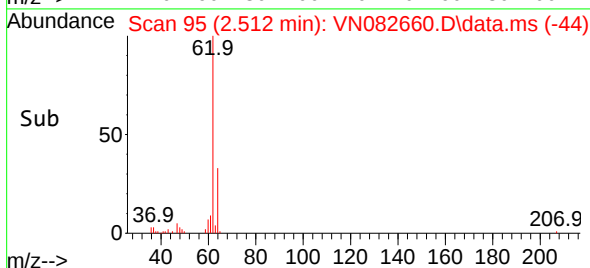
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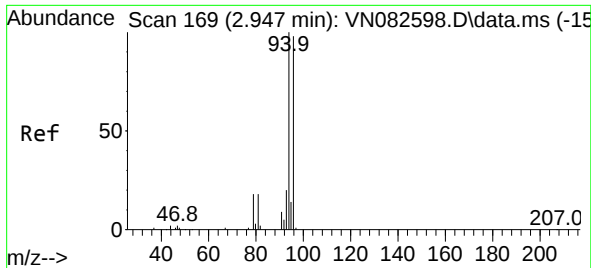


#4
Vinyl Chloride
Concen: 18.702 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN082660.D
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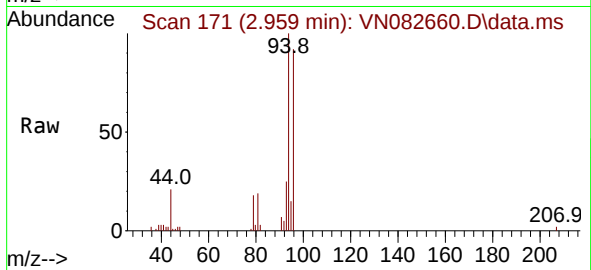
Tgt Ion: 62 Resp: 52470
Ion Ratio Lower Upper
62 100
64 33.3 25.0 37.6





#5
Bromomethane
Concen: 18.187 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN082660.D
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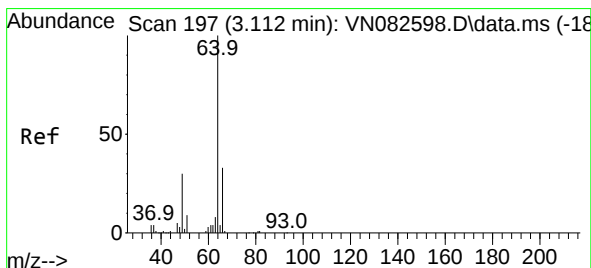
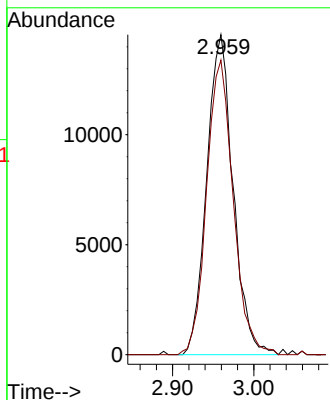
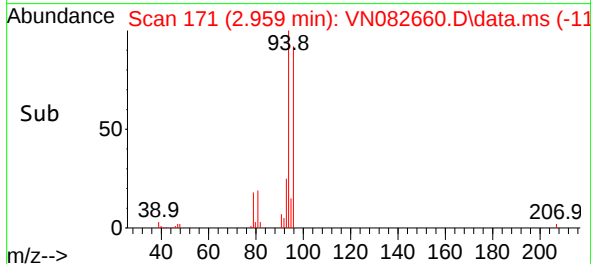
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Tgt Ion: 94 Resp: 3284
Ion Ratio Lower Upper
94 100
96 92.0 78.0 117.0

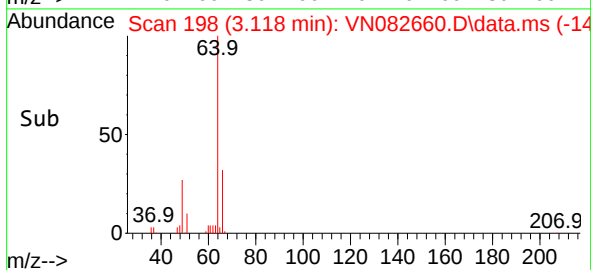
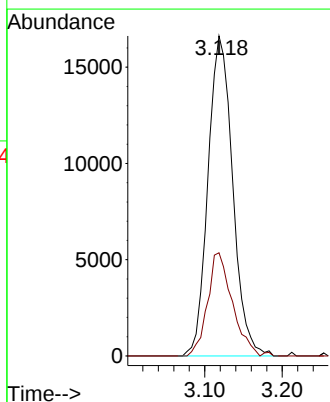
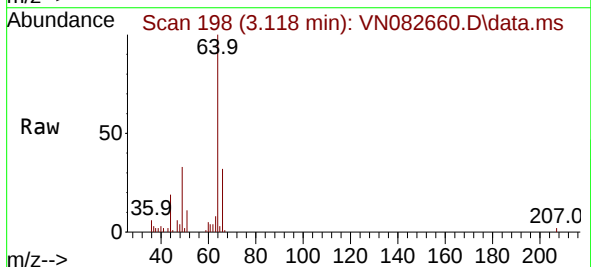
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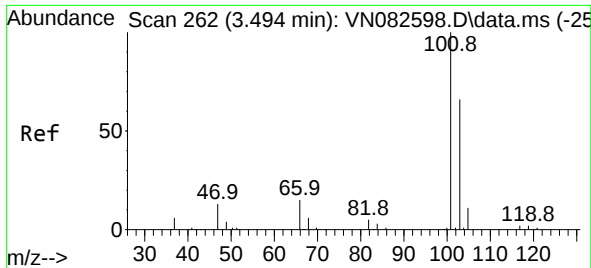
Reviewed By :John Carlone 06/21/2024
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#6
Chloroethane
Concen: 18.389 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.006 min
Lab File: VN082660.D
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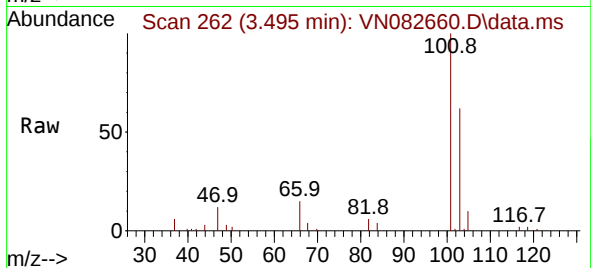
Tgt Ion: 64 Resp: 36788
Ion Ratio Lower Upper
64 100
66 32.2 26.6 40.0





#7
Trichlorofluoromethane
Concen: 18.243 ug/l
RT: 3.495 min Scan# 262
Delta R.T. 0.000 min
Lab File: VN082660.D
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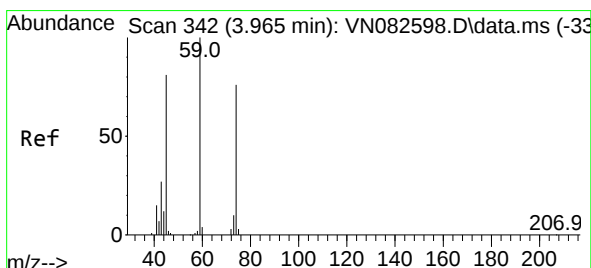
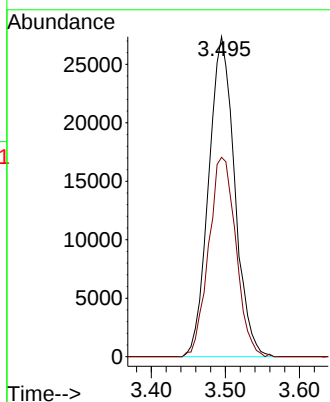
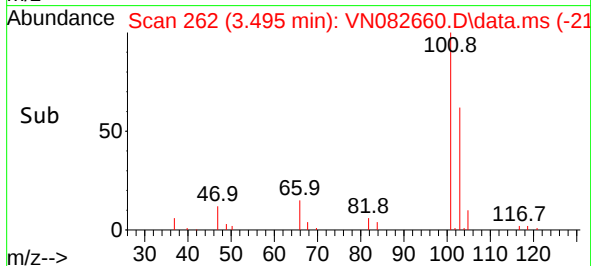
Instrument :
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Tgt Ion:101 Resp: 66774
Ion Ratio Lower Upper
101 100
103 62.3 52.7 79.1

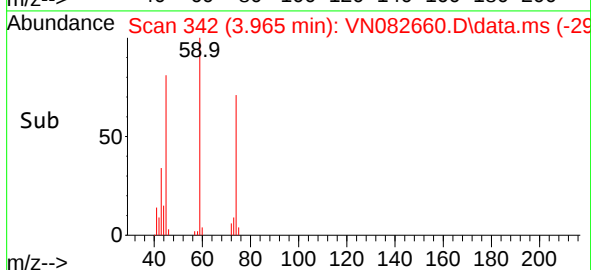
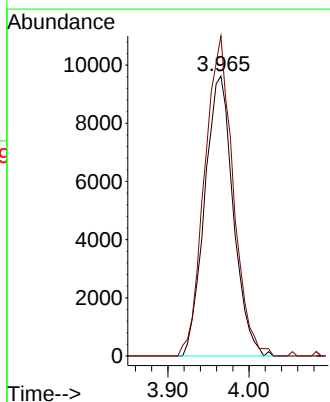
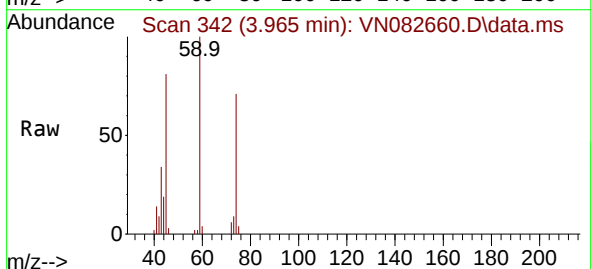
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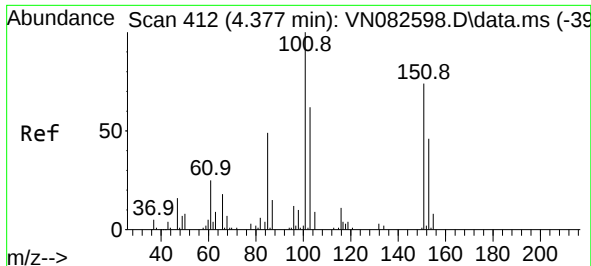
Reviewed By :John Carlone 06/21/2024
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#8
Diethyl Ether
Concen: 18.862 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.000 min
Lab File: VN082660.D
Acq: 20 Jun 2024 11:56

Tgt Ion: 74 Resp: 23512
Ion Ratio Lower Upper
74 100
45 114.5 55.5 166.3





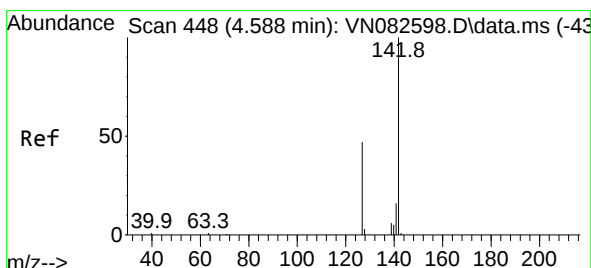
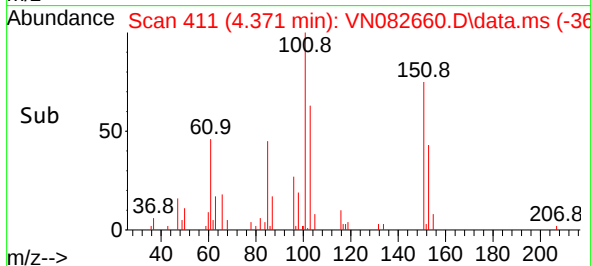
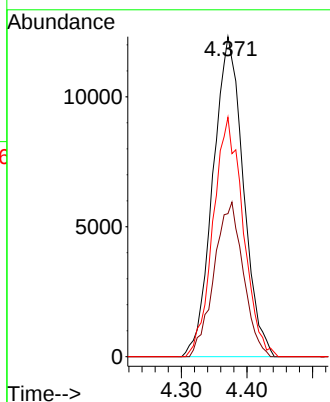
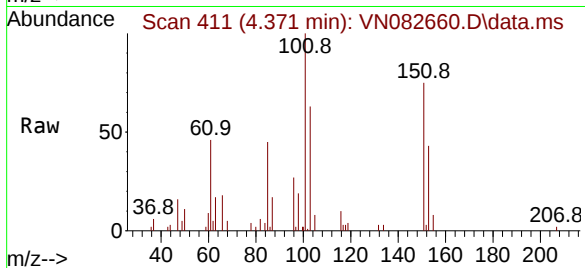
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.270 ug/l
RT: 4.371 min Scan# 412
Delta R.T. -0.006 min
Lab File: VN082660.D
Acq: 20 Jun 2024 11:56

Instrument :
MSVOA_N
ClientSampleId :
VN0620WBSD01

Tgt Ion:101 Resp: 39508
Ion Ratio Lower Upper
101 100
85 46.5 38.3 57.5
151 74.2 59.3 88.9

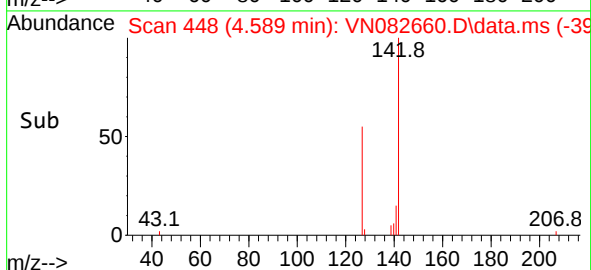
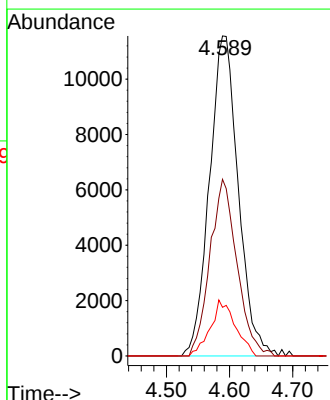
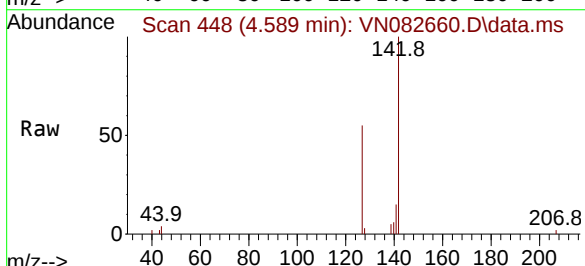
Manual Integrations
APPROVED

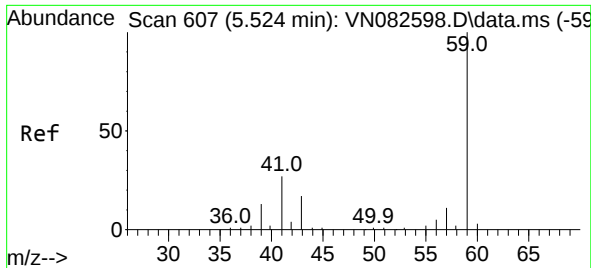
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024



#10
Methyl Iodide
Concen: 18.769 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN082660.D
Acq: 20 Jun 2024 11:56

Tgt Ion:142 Resp: 36654
Ion Ratio Lower Upper
142 100
127 55.2 37.5 56.3
141 15.2 13.1 19.7





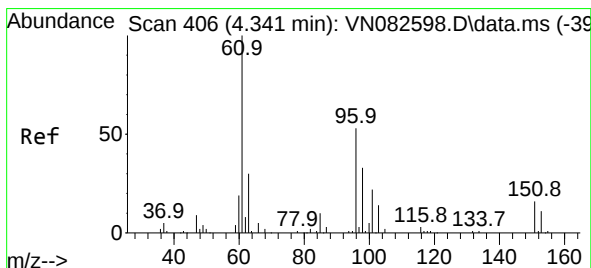
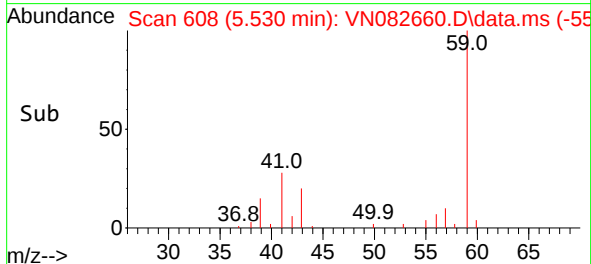
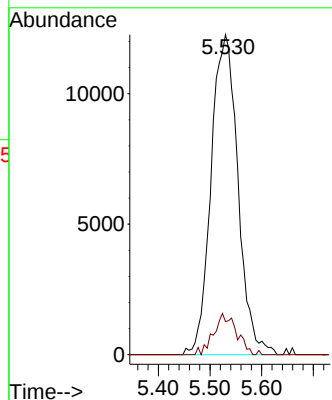
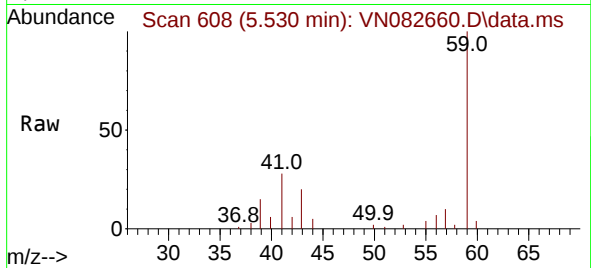
#11
Tert butyl alcohol
Concen: 95.722 ug/l
RT: 5.530 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN082660.D
Acq: 20 Jun 2024 11:56

Instrument :
MSVOA_N
ClientSampleId :
VN0620WBSD01

Tgt Ion: 59 Resp: 44238
Ion Ratio Lower Upper
59 100
57 10.9 8.9 13.3

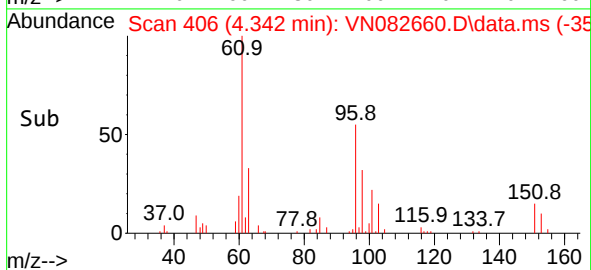
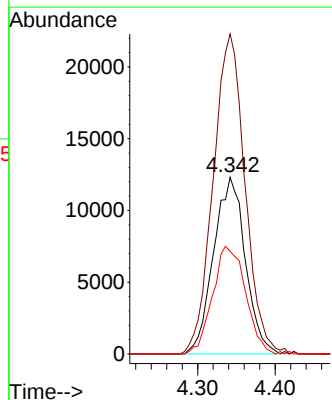
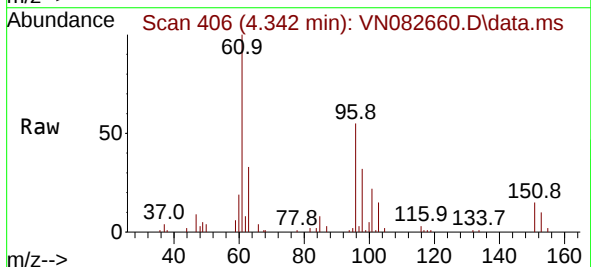
Manual Integrations
APPROVED

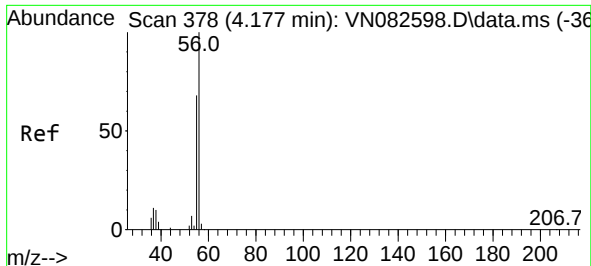
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024



#12
1,1-Dichloroethene
Concen: 17.882 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN082660.D
Acq: 20 Jun 2024 11:56

Tgt Ion: 96 Resp: 35059
Ion Ratio Lower Upper
96 100
61 181.0 149.7 224.5
98 58.0 50.1 75.1





#13

Acrolein

Concen: 64.318 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN082660.D

Acq: 20 Jun 2024 11:56

Instrument :

MSVOA_N

ClientSampleId :

VN0620WBSD01

Tgt Ion: 56 Resp: 30280

Ion Ratio Lower Upper

56 100

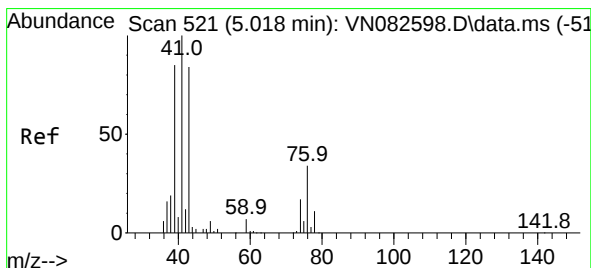
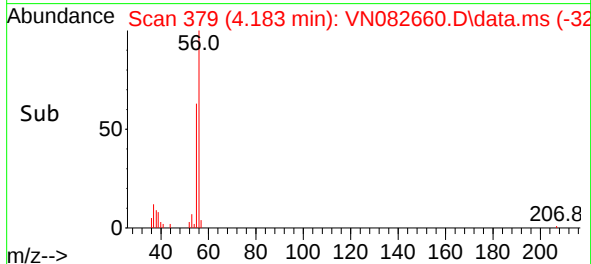
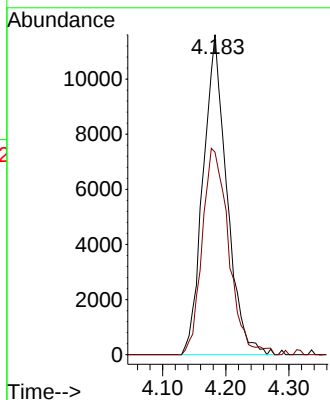
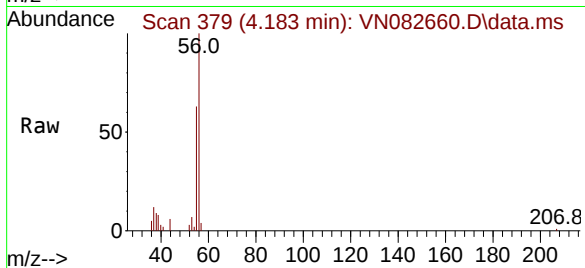
55 72.1 56.4 84.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/21/2024

Supervised By :Mahesh Dadoda 06/21/2024



#14

Allyl chloride

Concen: 17.975 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN082660.D

Acq: 20 Jun 2024 11:56

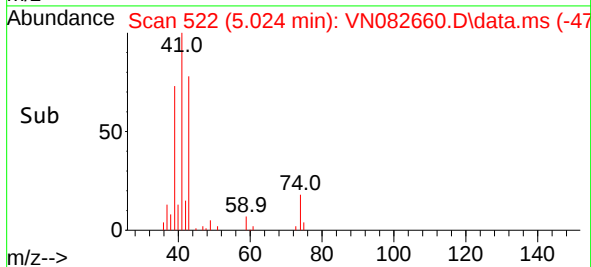
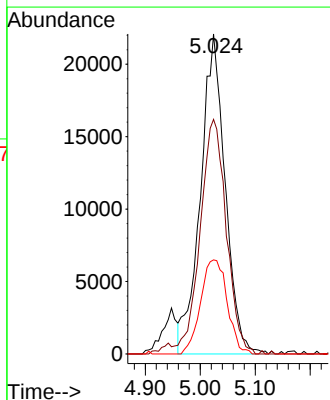
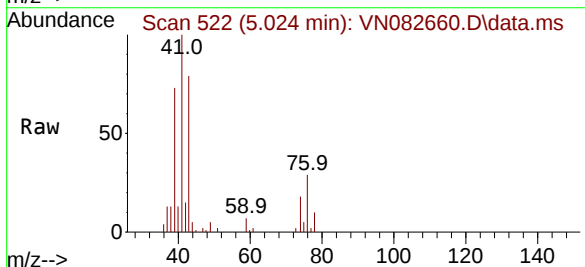
Tgt Ion: 41 Resp: 68924

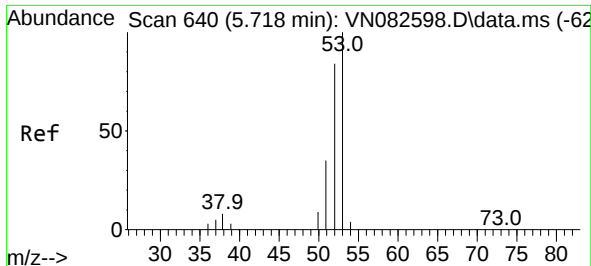
Ion Ratio Lower Upper

41 100

39 77.3 67.8 101.6

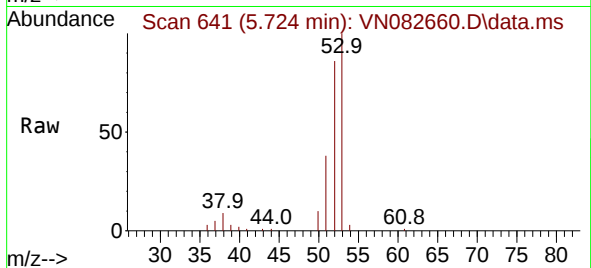
76 31.6 25.8 38.8





#15
Acrylonitrile
Concen: 97.532 ug/l
RT: 5.724 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN082660.D
Acq: 20 Jun 2024 11:56

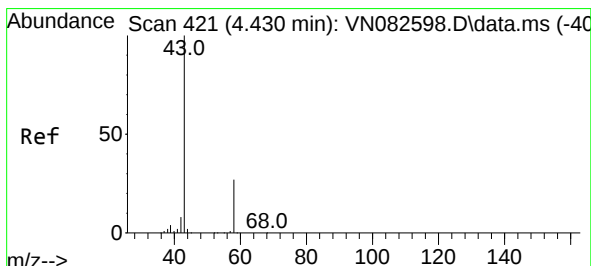
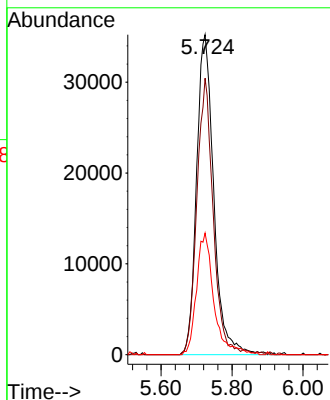
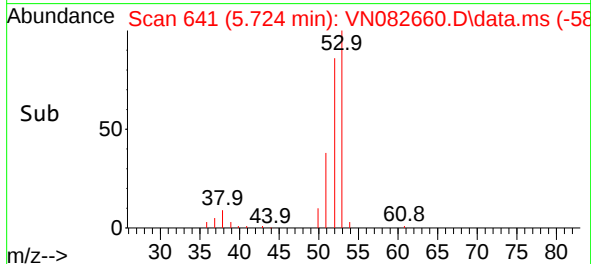
Instrument :
MSVOA_N
ClientSampleId :
VN0620WBSD01



Tgt Ion: 53 Resp: 118980
Ion Ratio Lower Upper
53 100
52 81.4 66.6 100.0
51 38.3 30.1 45.1

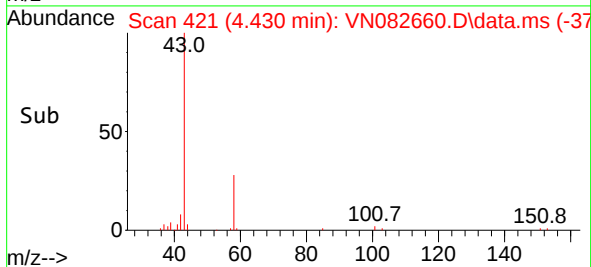
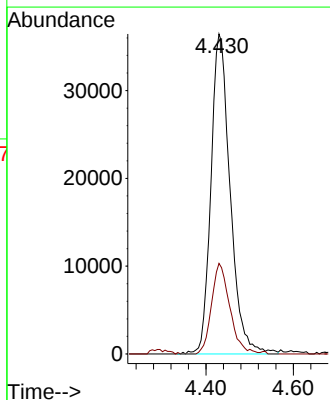
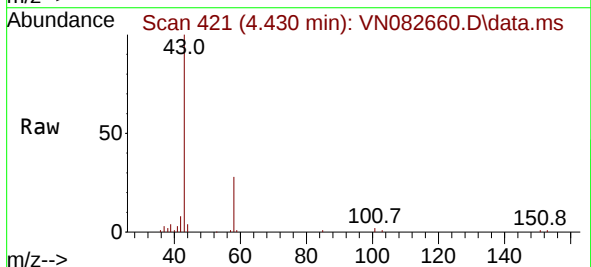
Manual Integrations
APPROVED

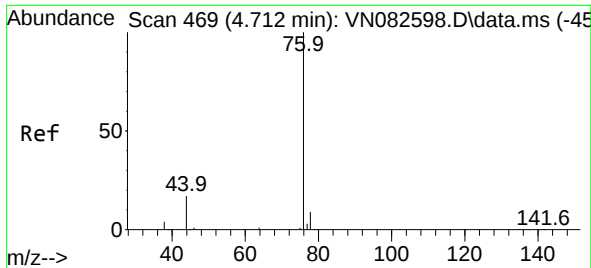
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024



#16
Acetone
Concen: 86.580 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.000 min
Lab File: VN082660.D
Acq: 20 Jun 2024 11:56

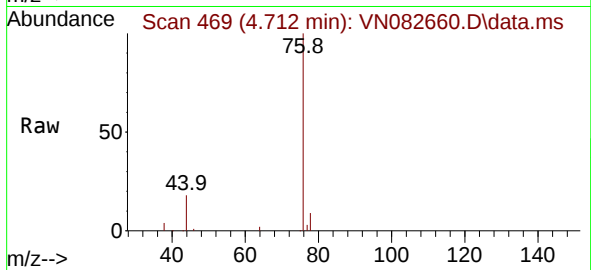
Tgt Ion: 43 Resp: 111187
Ion Ratio Lower Upper
43 100
58 28.3 21.8 32.6





#17
Carbon Disulfide
Concen: 16.740 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN082660.D
Acq: 20 Jun 2024 11:56

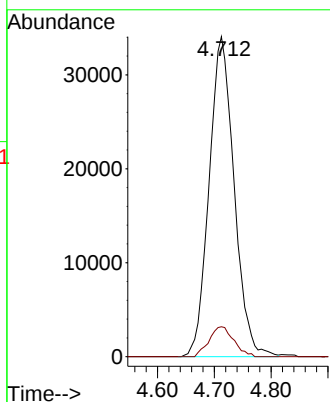
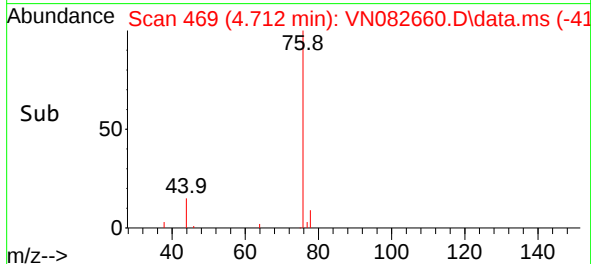
Instrument :
MSVOA_N
ClientSampleId :
VN0620WBSD01



Tgt Ion: 76 Resp: 10423
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8

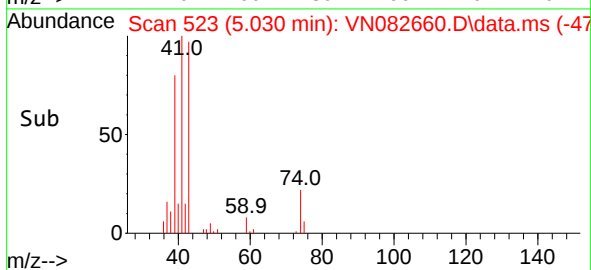
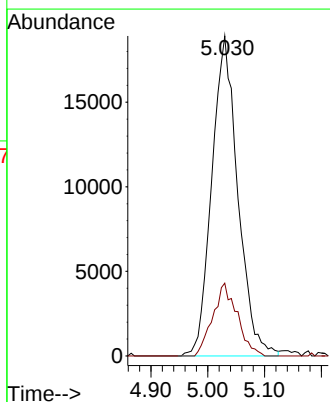
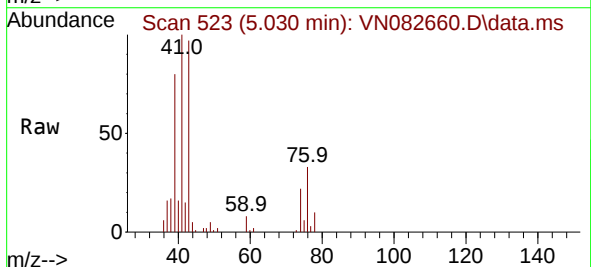
Manual Integrations
APPROVED

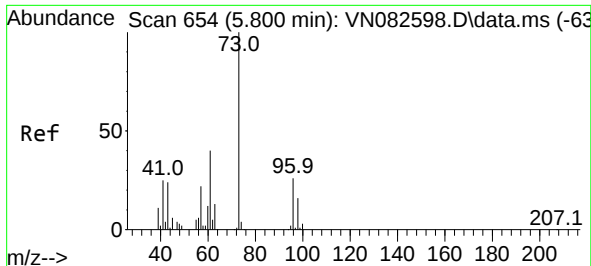
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024



#18
Methyl Acetate
Concen: 19.179 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.000 min
Lab File: VN082660.D
Acq: 20 Jun 2024 11:56

Tgt Ion: 43 Resp: 60239
Ion Ratio Lower Upper
43 100
74 21.3 16.3 24.5





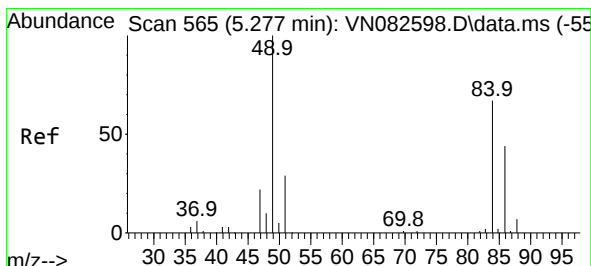
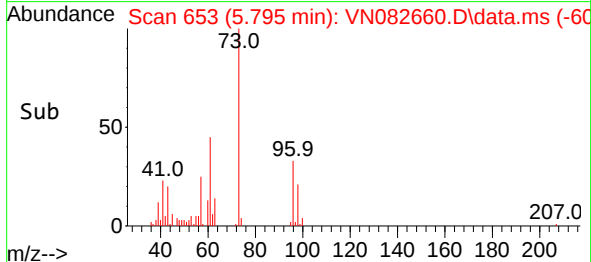
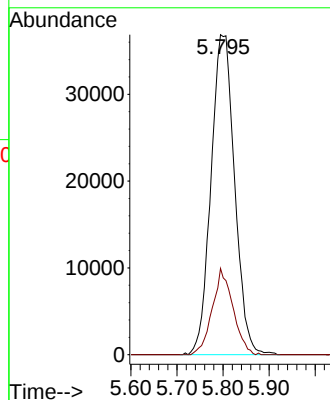
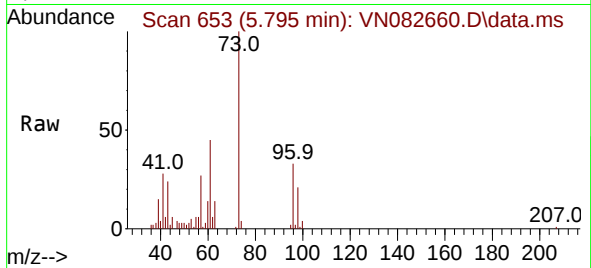
#19
Methyl tert-butyl Ether
Concen: 19.584 ug/l
RT: 5.795 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN082660.D
Acq: 20 Jun 2024 11:56

Instrument :
MSVOA_N
ClientSampleId :
VN0620WBSD01

Tgt Ion: 73 Resp: 13143
Ion Ratio Lower Upper
73 100
57 26.9 17.9 26.9

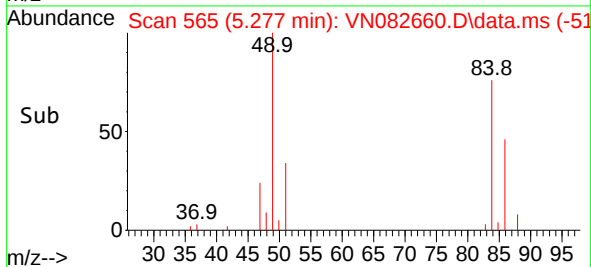
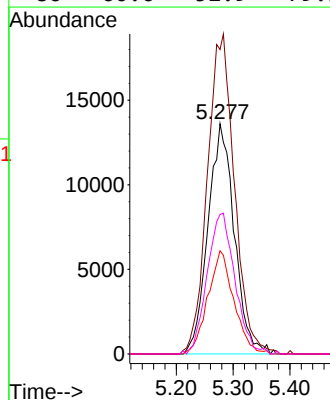
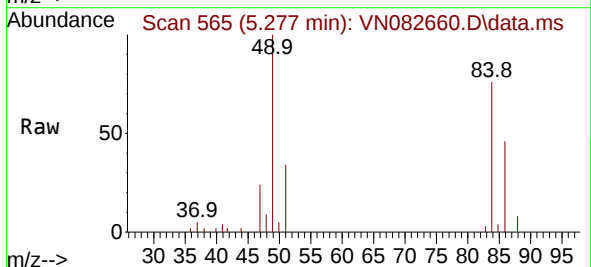
Manual Integrations
APPROVED

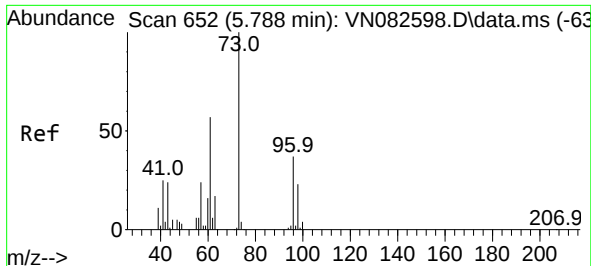
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024



#20
Methylene Chloride
Concen: 19.417 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN082660.D
Acq: 20 Jun 2024 11:56

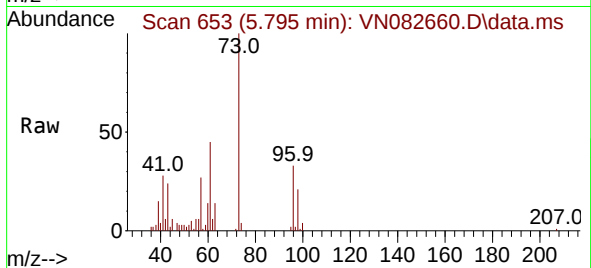
Tgt Ion: 84 Resp: 43839
Ion Ratio Lower Upper
84 100
49 132.2 119.6 179.4
51 44.9 34.8 52.2
86 60.6 52.9 79.3





#21
trans-1,2-Dichloroethene
Concen: 17.943 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN082660.D
Acq: 20 Jun 2024 11:56

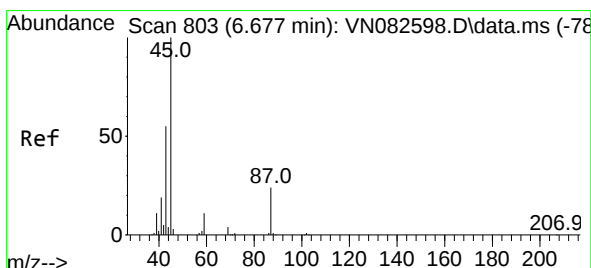
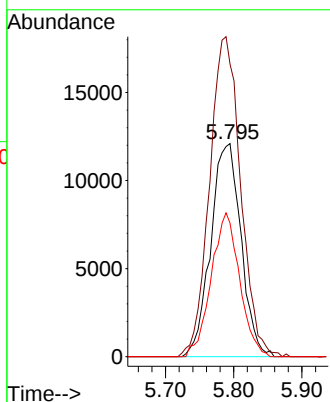
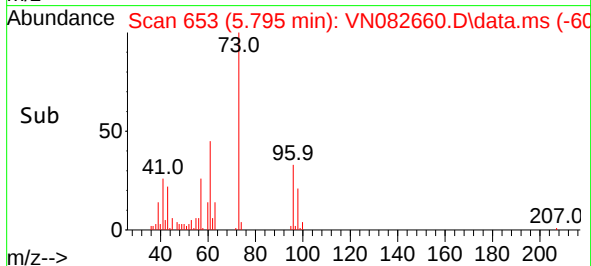
Instrument :
MSVOA_N
ClientSampleId :
VN0620WBSD01



Tgt Ion: 96 Resp: 3738
Ion Ratio Lower Upper
96 100
61 137.2 123.4 185.2
98 62.6 49.3 73.9

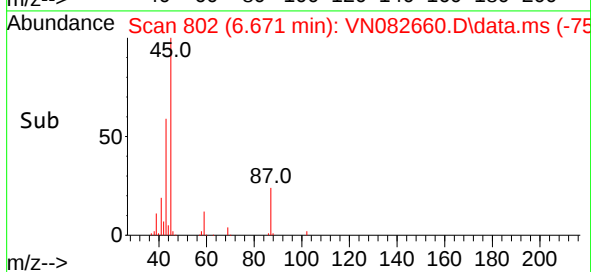
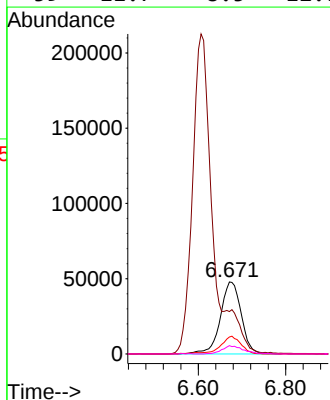
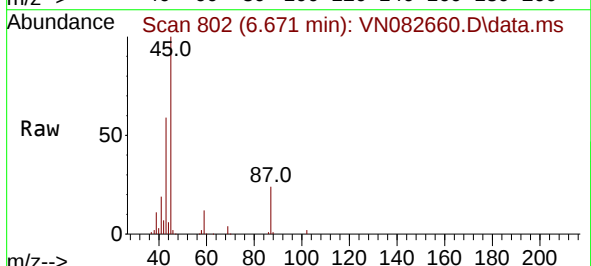
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024



#22
Diisopropyl ether
Concen: 19.682 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.006 min
Lab File: VN082660.D
Acq: 20 Jun 2024 11:56

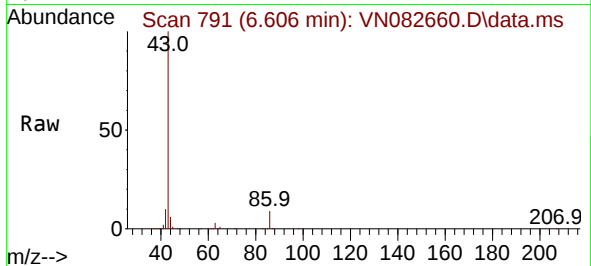
Tgt Ion: 45 Resp: 158267
Ion Ratio Lower Upper
45 100
43 58.2 44.0 66.0
87 23.6 19.7 29.5
59 11.7 8.5 12.7





#23
 Vinyl Acetate
 Concen: 96.205 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN082660.D
 Acq: 20 Jun 2024 11:56

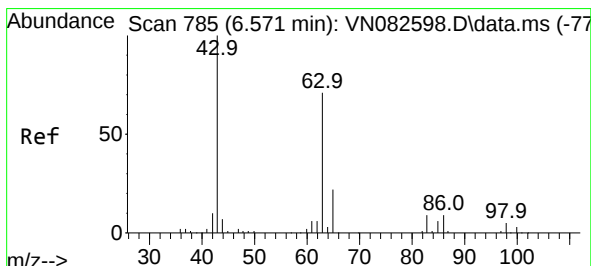
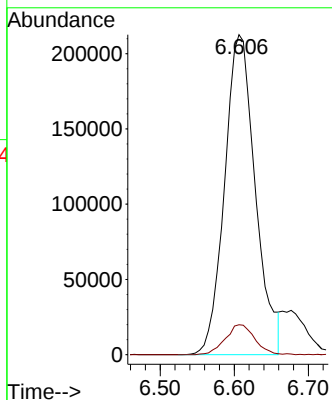
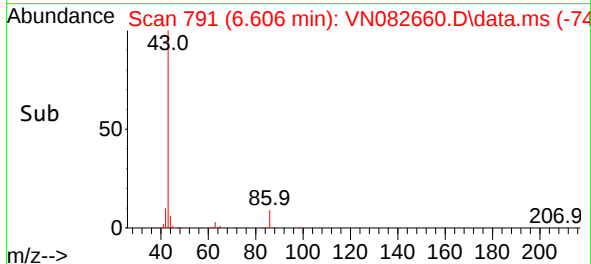
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0620WBSD01



Tgt Ion: 43 Resp: 613469
 Ion Ratio Lower Upper
 43 100
 86 9.3 7.3 10.9

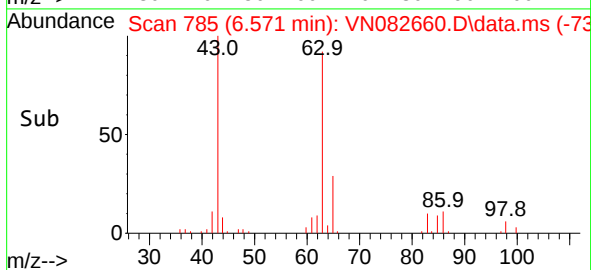
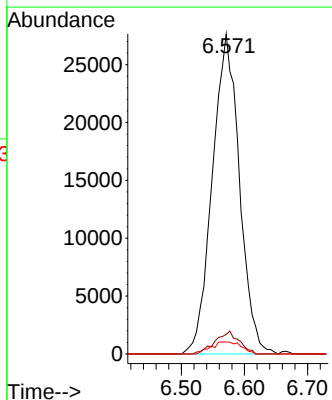
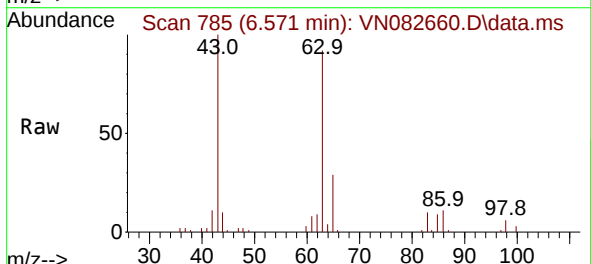
Manual Integrations
 APPROVED

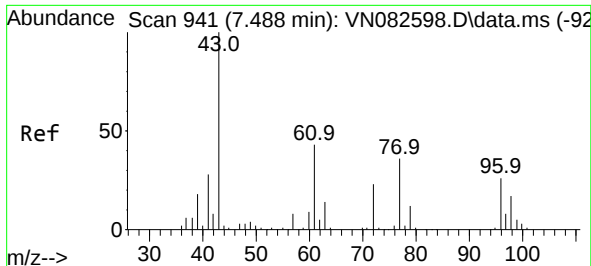
Reviewed By :John Carlone 06/21/2024
 Supervised By :Mahesh Dadoda 06/21/2024



#24
 1,1-Dichloroethane
 Concen: 18.914 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VN082660.D
 Acq: 20 Jun 2024 11:56

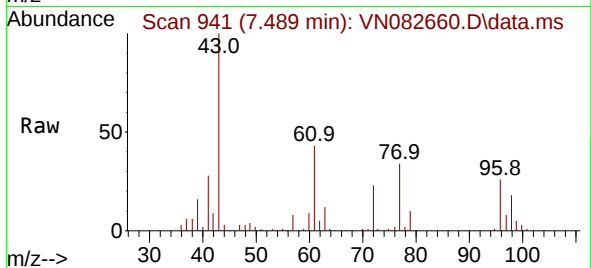
Tgt Ion: 63 Resp: 82392
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.3 9.9
 100 3.7 2.0 6.0





#25
2-Butanone
Concen: 92.617 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN082660.D
Acq: 20 Jun 2024 11:56

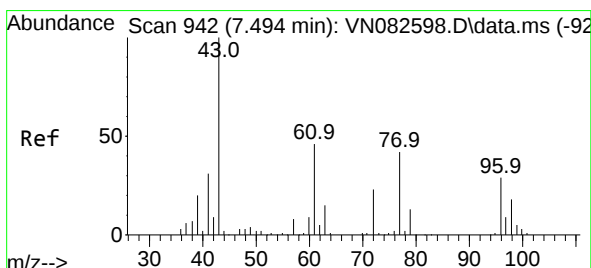
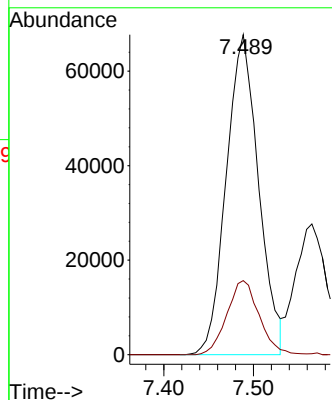
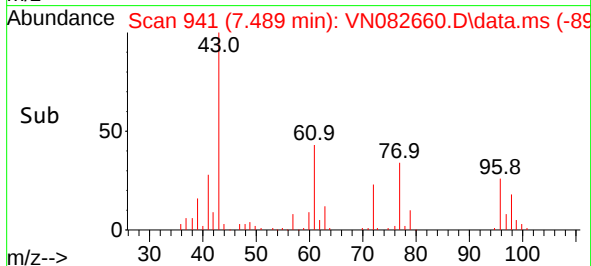
Instrument :
MSVOA_N
ClientSampleId :
VN0620WBSD01



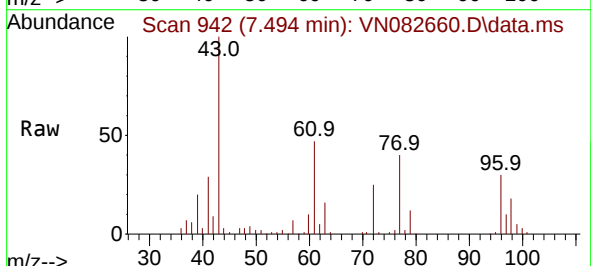
Tgt Ion: 43 Resp: 16905
Ion Ratio Lower Upper
43 100
72 23.1 18.2 27.2

Manual Integrations
APPROVED

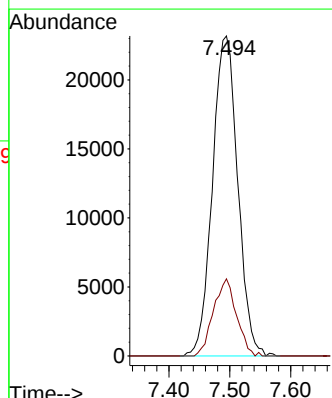
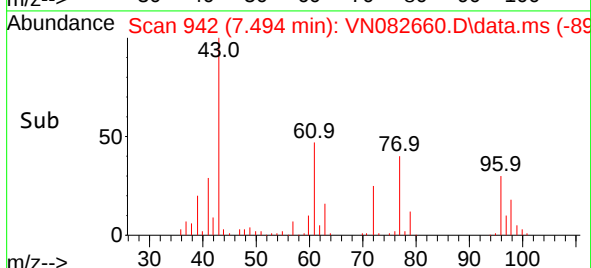
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024

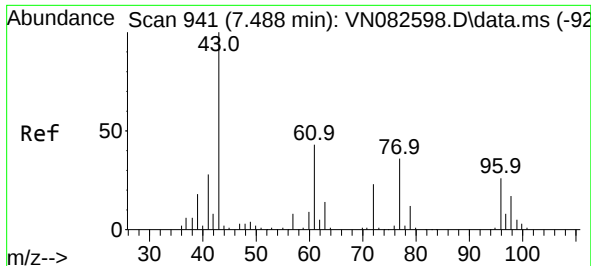


#26
2,2-Dichloropropane
Concen: 17.704 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN082660.D
Acq: 20 Jun 2024 11:56



Tgt Ion: 77 Resp: 66901
Ion Ratio Lower Upper
77 100
97 22.0 10.3 30.9





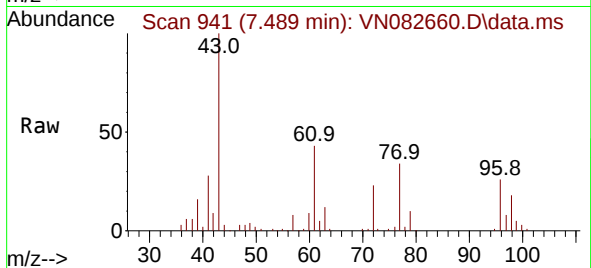
#27
 cis-1,2-Dichloroethene
 Concen: 18.358 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN082660.D
 Acq: 20 Jun 2024 11:56

Instrument :

MSVOA_N

ClientSampleId :

VN0620WBSD01



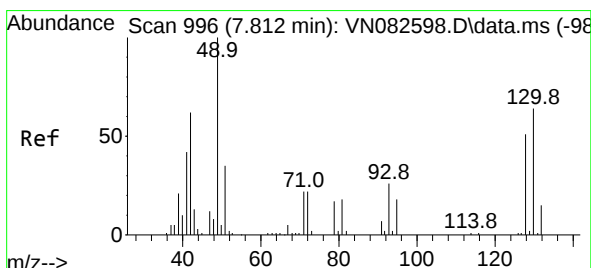
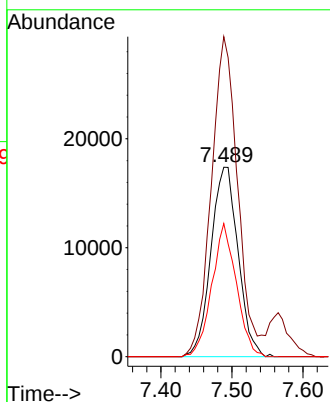
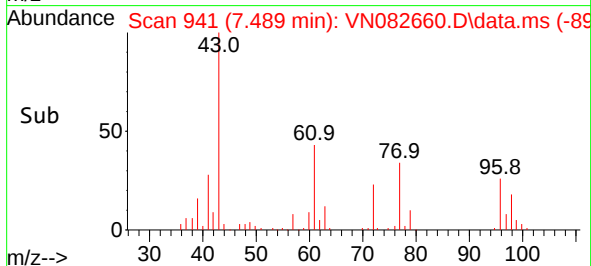
Tgt Ion: 96 Resp: 46090
 Ion Ratio Lower Upper
 96 100
 61 165.3 0.0 329.6
 98 63.5 0.0 128.6

Manual Integrations

APPROVED

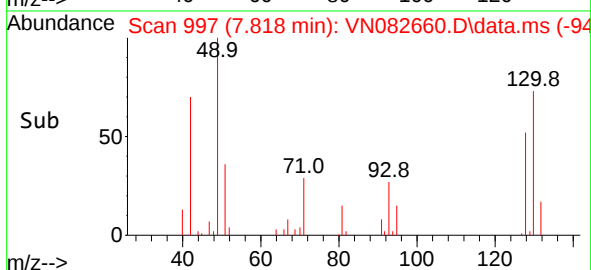
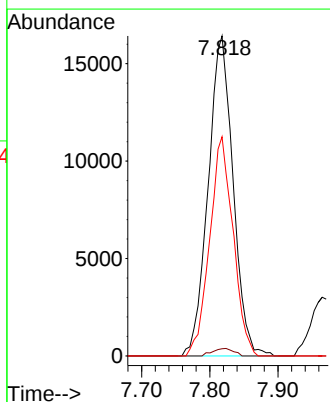
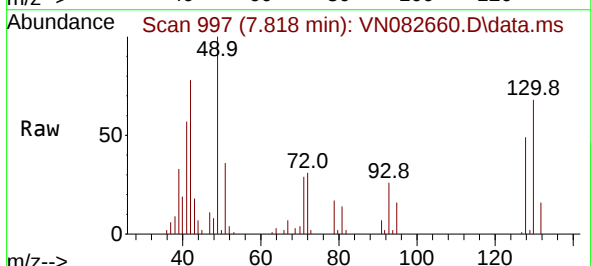
Reviewed By :John Carlone 06/21/2024

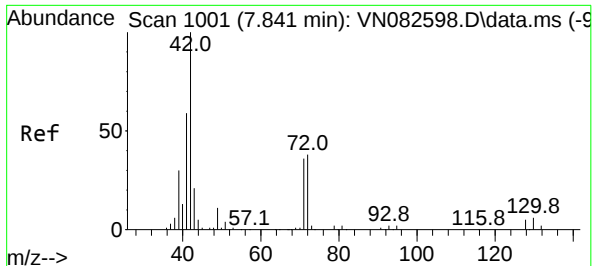
Supervised By :Mahesh Dadoda 06/21/2024



#28
 Bromochloromethane
 Concen: 21.010 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN082660.D
 Acq: 20 Jun 2024 11:56

Tgt Ion: 49 Resp: 41766
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.8
 130 64.6 50.5 75.7





#29

Tetrahydrofuran

Concen: 102.302 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN082660.D

Acq: 20 Jun 2024 11:56

Instrument :

MSVOA_N

ClientSampleId :

VN0620WBSD01

Tgt Ion: 42 Resp: 114310

Ion Ratio Lower Upper

42 100

72 37.8 30.0 45.0

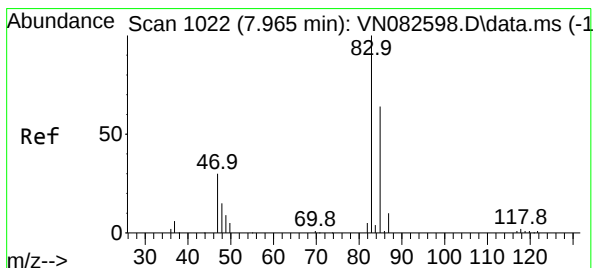
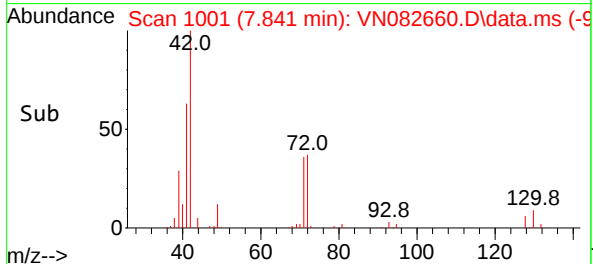
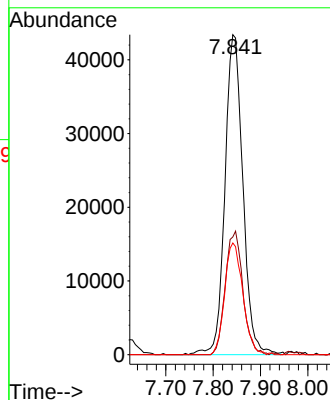
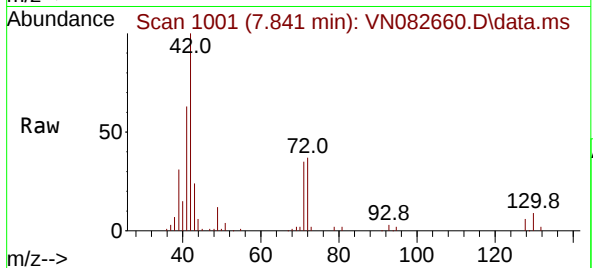
71 35.3 28.3 42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/21/2024

Supervised By :Mahesh Dadoda 06/21/2024



#30

Chloroform

Concen: 19.306 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.006 min

Lab File: VN082660.D

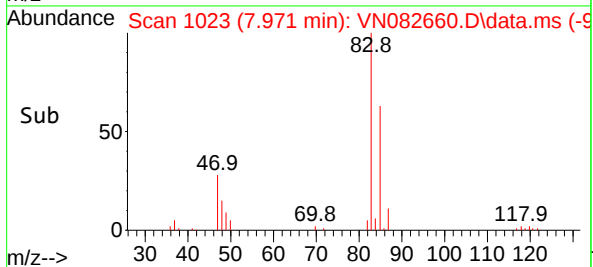
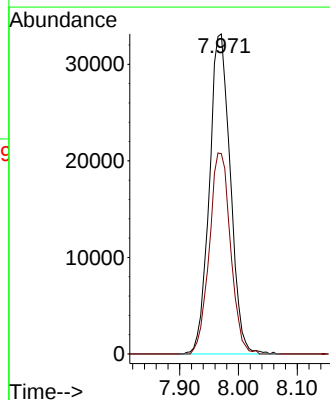
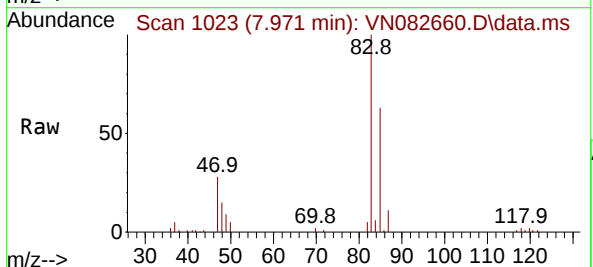
Acq: 20 Jun 2024 11:56

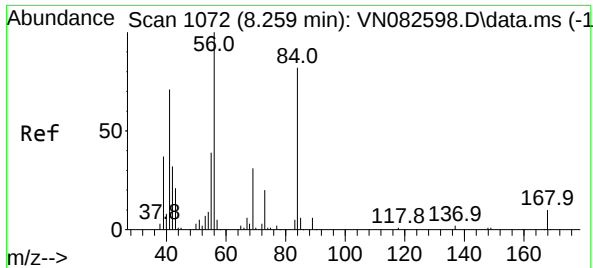
Tgt Ion: 83 Resp: 82036

Ion Ratio Lower Upper

83 100

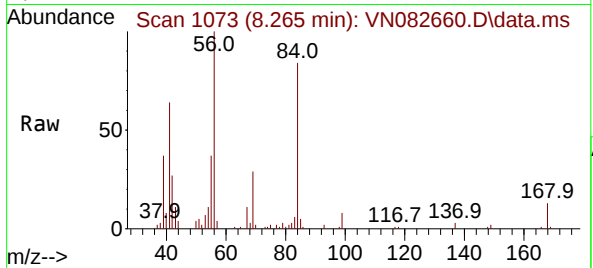
85 62.6 50.9 76.3





#31
Cyclohexane
Concen: 17.788 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. 0.006 min
Lab File: VN082660.D
Acq: 20 Jun 2024 11:56

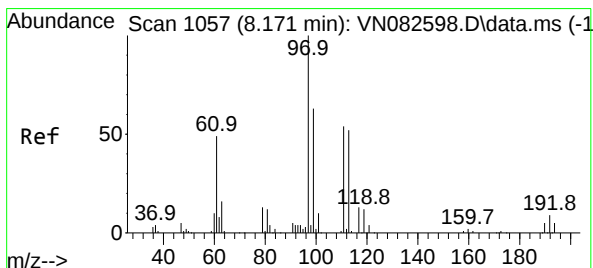
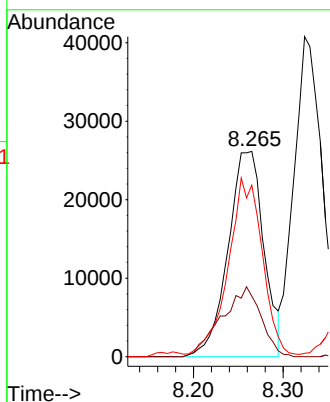
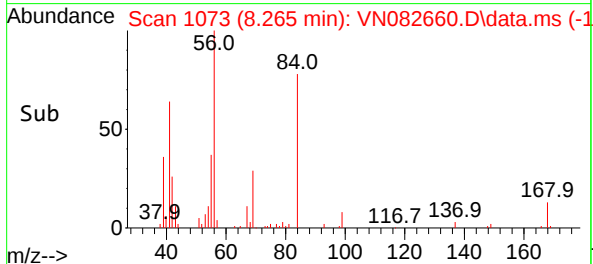
Instrument :
MSVOA_N
ClientSampleId :
VN0620WBSD01



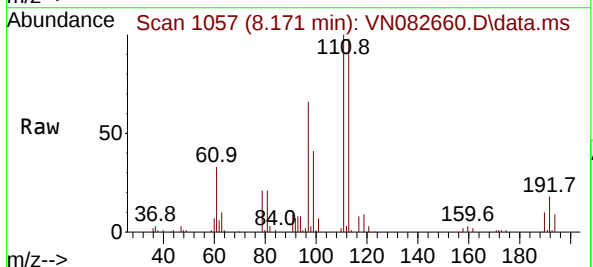
Tgt Ion: 56 Resp: 72489
Ion Ratio Lower Upper
56 100
69 29.5 24.5 36.7
84 81.7 66.0 99.0

Manual Integrations
APPROVED

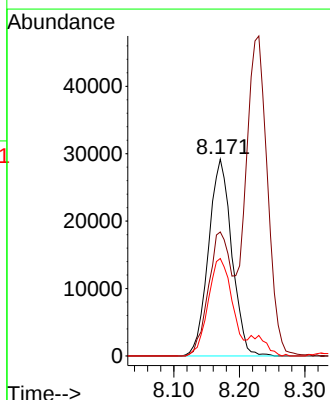
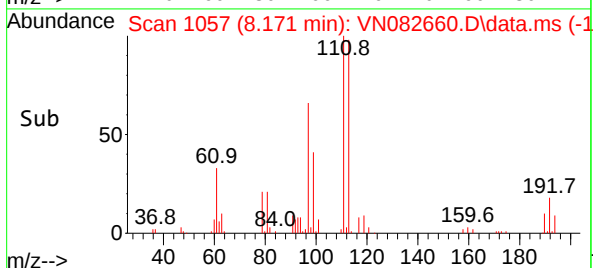
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024

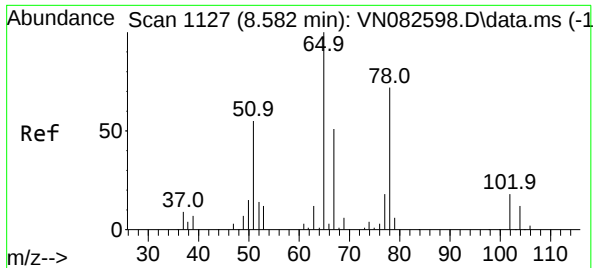


#32
1,1,1-Trichloroethane
Concen: 18.714 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN082660.D
Acq: 20 Jun 2024 11:56



Tgt Ion: 97 Resp: 72108
Ion Ratio Lower Upper
97 100
99 58.1 52.0 78.0
61 51.9 42.1 63.1





#33

1,2-Dichloroethane-d4

Concen: 52.179 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN082660.D

Acq: 20 Jun 2024 11:56

Instrument :

MSVOA_N

ClientSampleId :

VN0620WBSD01

Tgt Ion: 65 Resp: 14734

Ion Ratio Lower Upper

65 100

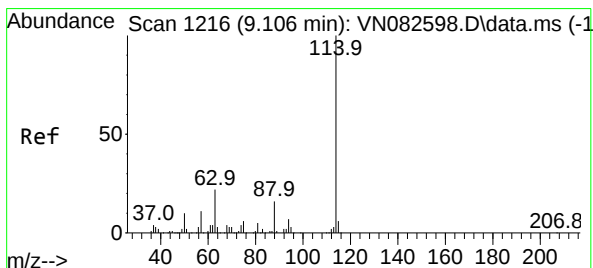
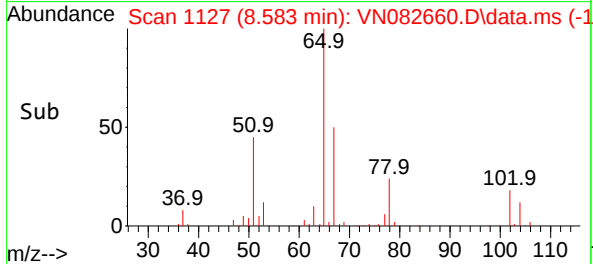
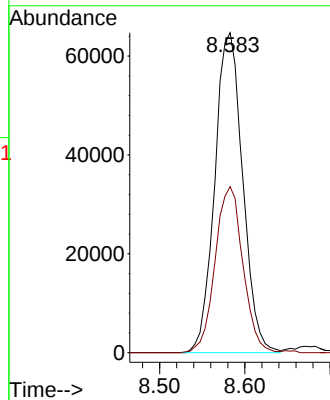
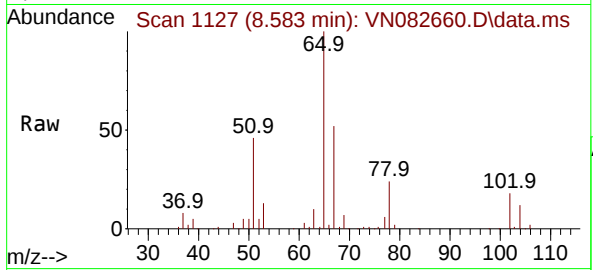
67 51.6 0.0 104.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/21/2024

Supervised By :Mahesh Dadoda 06/21/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN082660.D

Acq: 20 Jun 2024 11:56

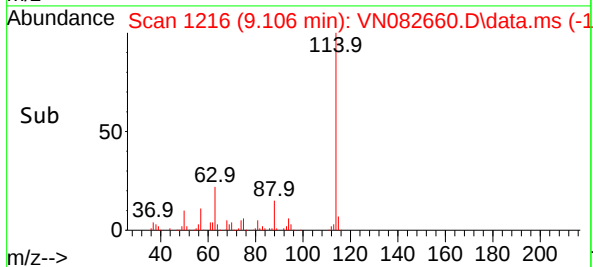
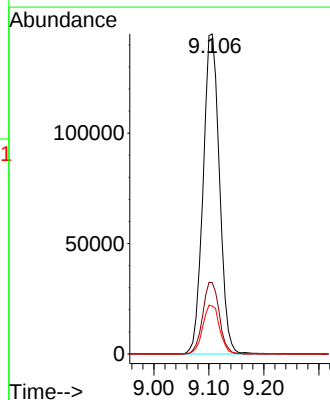
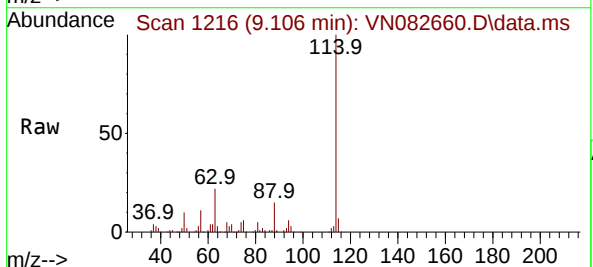
Tgt Ion:114 Resp: 299920

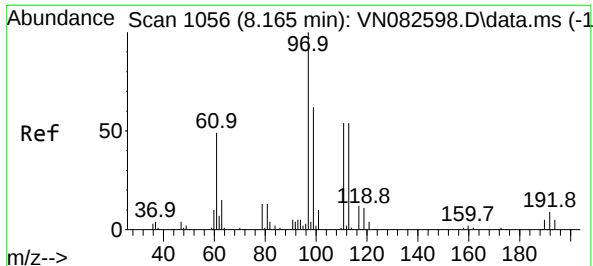
Ion Ratio Lower Upper

114 100

63 22.3 0.0 44.6

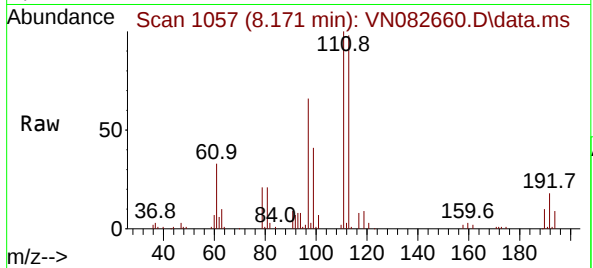
88 15.0 0.0 31.4





#35
Dibromofluoromethane
Concen: 51.368 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN082660.D
Acq: 20 Jun 2024 11:56

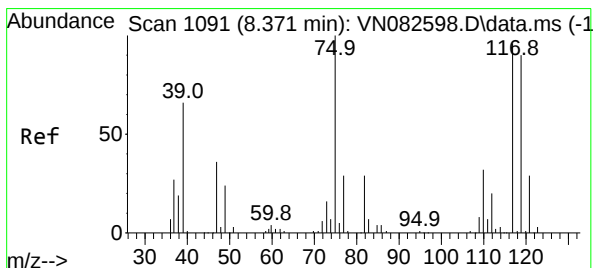
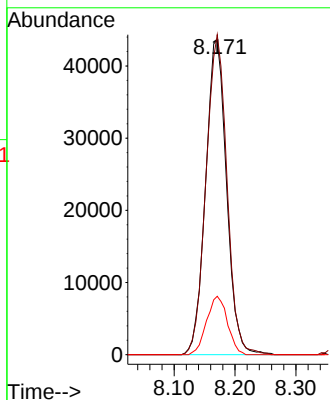
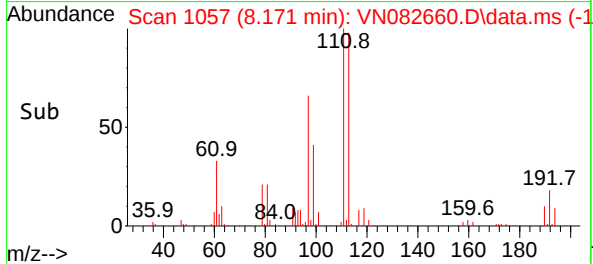
Instrument :
MSVOA_N
ClientSampleId :
VN0620WBSD01



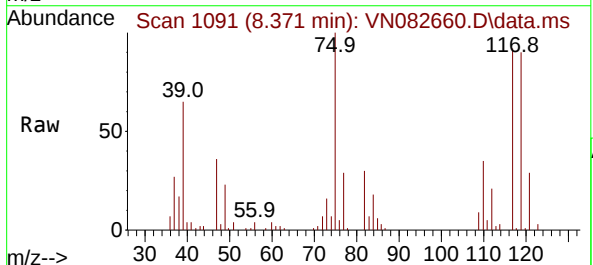
Tgt Ion:113 Resp: 10451
Ion Ratio Lower Upper
113 100
111 101.4 82.4 123.6
192 18.4 14.9 22.3

Manual Integrations
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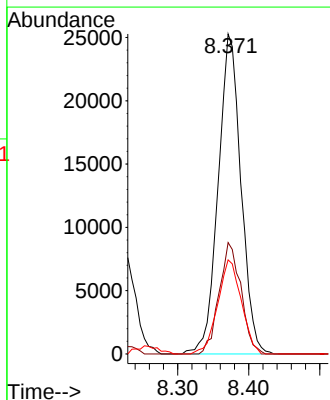
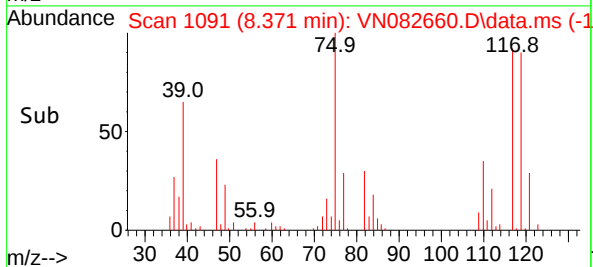
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024



#36
1,1-Dichloropropene
Concen: 18.493 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN082660.D
Acq: 20 Jun 2024 11:56



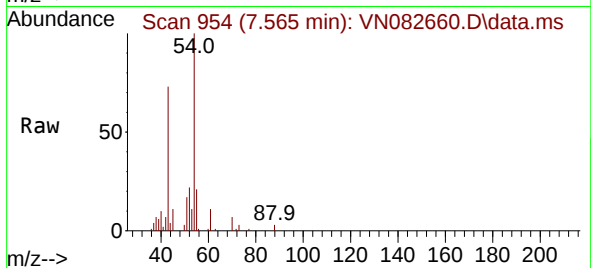
Tgt Ion: 75 Resp: 56248
Ion Ratio Lower Upper
75 100
110 33.3 16.3 48.9
77 30.4 24.6 37.0





#37
Ethyl Acetate
Concen: 18.323 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN082660.D
Acq: 20 Jun 2024 11:56

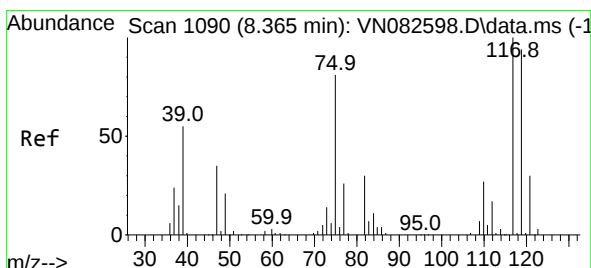
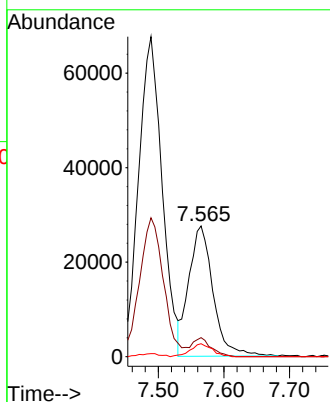
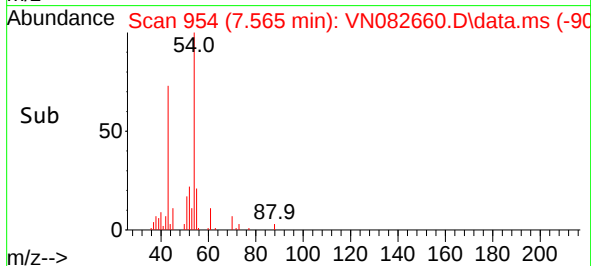
Instrument :
MSVOA_N
ClientSampleId :
VN0620WBSD01



Tgt Ion: 43 Resp: 70988
Ion Ratio Lower Upper
43 100
61 10.5 9.3 13.9
70 8.9 7.0 10.6

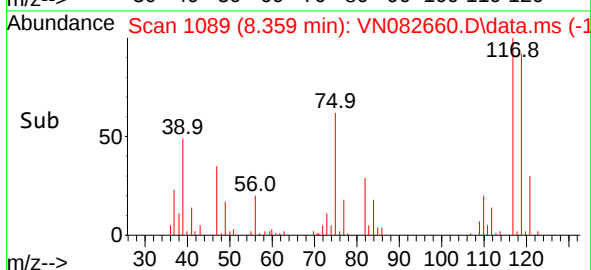
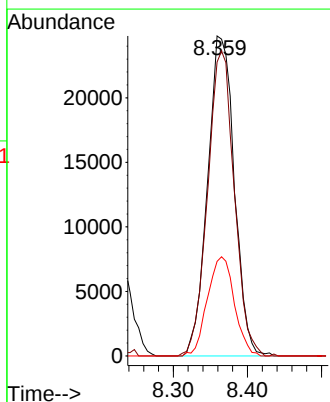
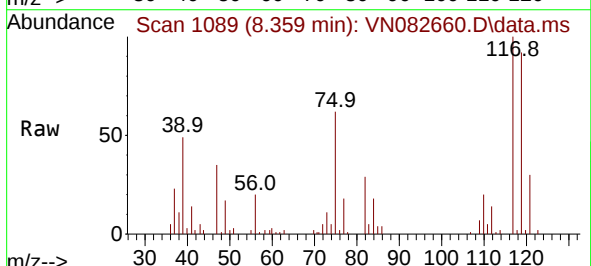
Manual Integrations
APPROVED

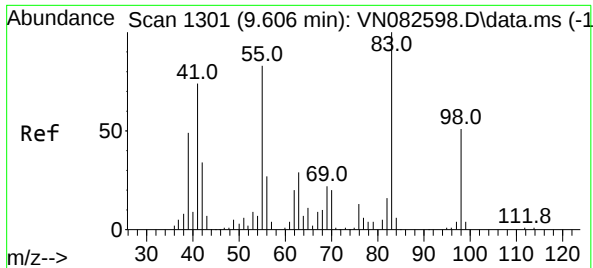
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024



#38
Carbon Tetrachloride
Concen: 18.112 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VN082660.D
Acq: 20 Jun 2024 11:56

Tgt Ion:117 Resp: 62083
Ion Ratio Lower Upper
117 100
119 91.9 74.9 112.3
121 29.6 24.3 36.5





#39
Methylcyclohexane
Concen: 17.654 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN082660.D
Acq: 20 Jun 2024 11:56

Instrument :

MSVOA_N

ClientSampleId :

VN0620WBSD01

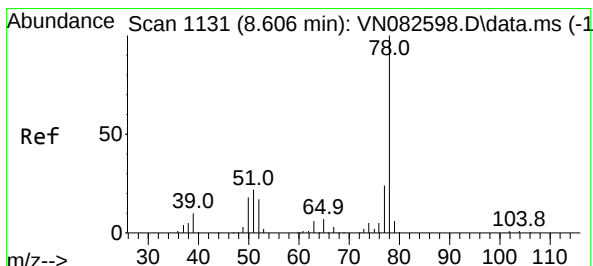
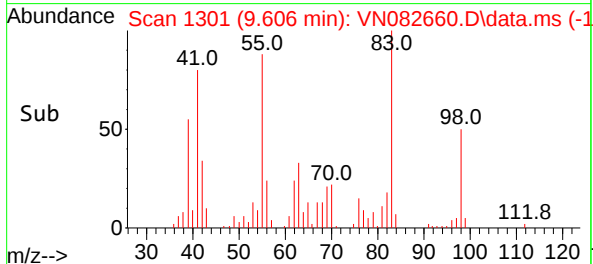
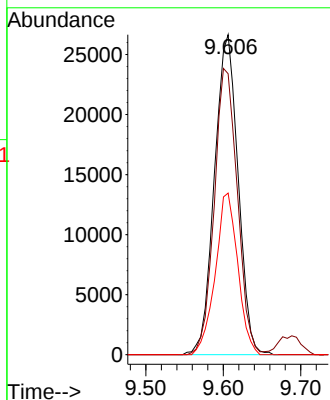
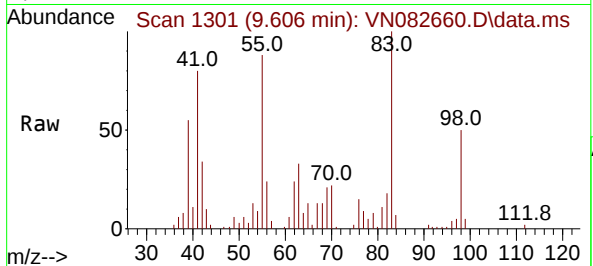
Tgt Ion: 83 Resp: 5650
Ion Ratio Lower Upper
83 100
55 87.8 66.4 99.6
98 50.5 40.7 61.1

Manual Integrations

APPROVED

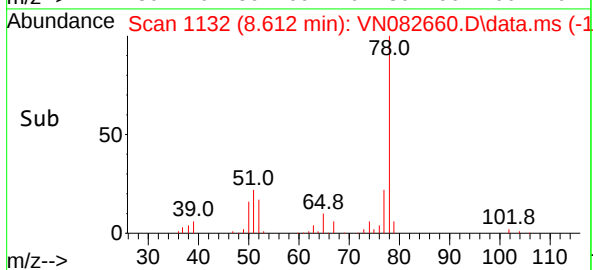
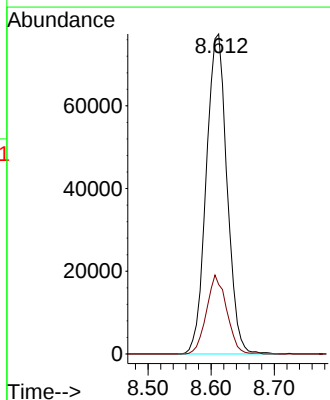
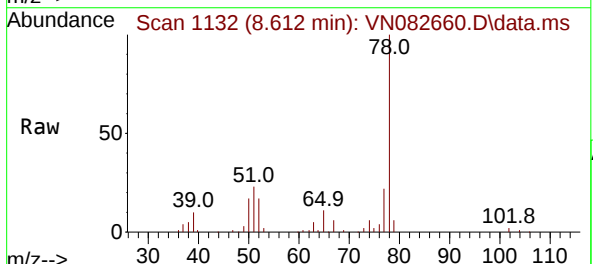
Reviewed By :John Carlone 06/21/2024

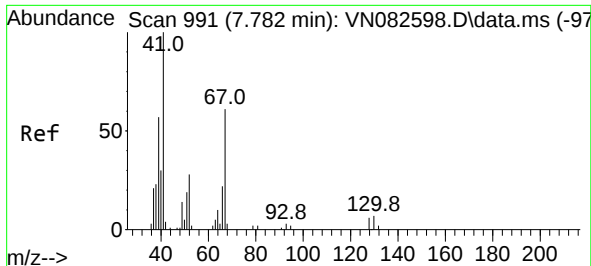
Supervised By :Mahesh Dadoda 06/21/2024



#40
Benzene
Concen: 18.819 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VN082660.D
Acq: 20 Jun 2024 11:56

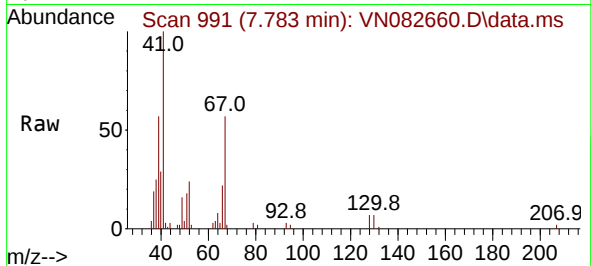
Tgt Ion: 78 Resp: 176858
Ion Ratio Lower Upper
78 100
77 21.7 19.0 28.4





#41
Methacrylonitrile
Concen: 20.241 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN082660.D
Acq: 20 Jun 2024 11:56

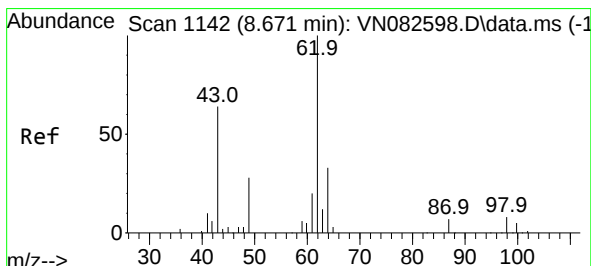
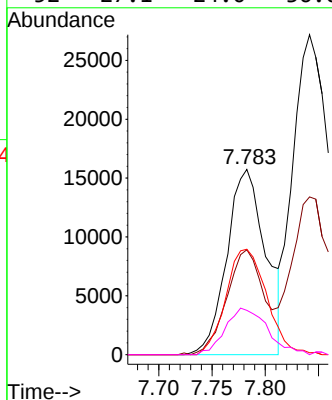
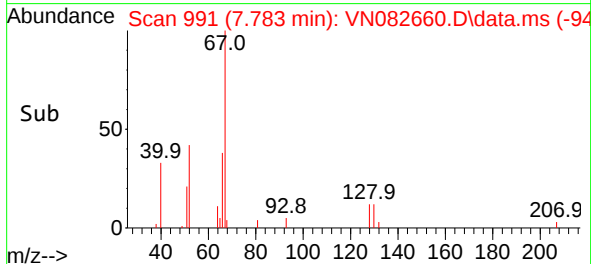
Instrument :
MSVOA_N
ClientSampleId :
VN0620WBSD01



Tgt Ion: 41 Resp: 40080
Ion Ratio Lower Upper
41 100
39 52.7 45.5 68.3
67 59.6 50.5 75.7
52 27.1 24.0 36.0

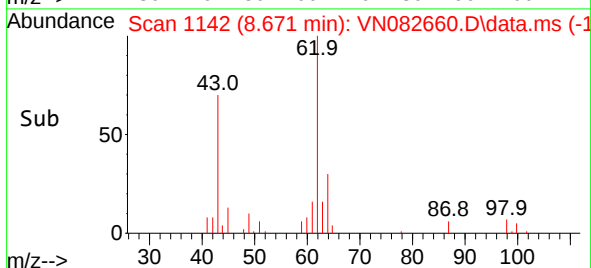
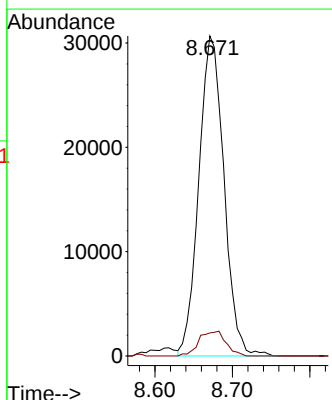
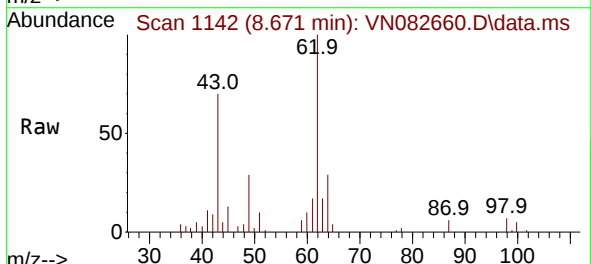
Manual Integrations
APPROVED

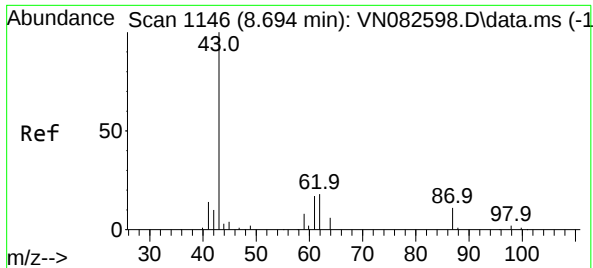
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024



#42
1,2-Dichloroethane
Concen: 19.344 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN082660.D
Acq: 20 Jun 2024 11:56

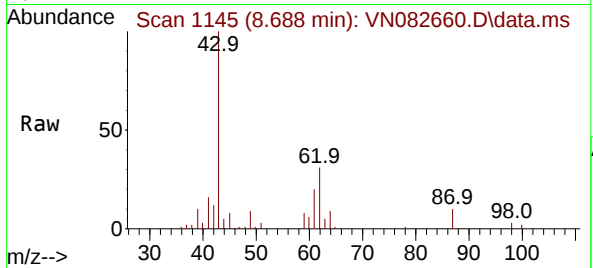
Tgt Ion: 62 Resp: 69151
Ion Ratio Lower Upper
62 100
98 8.3 0.0 15.8





#43
Isopropyl Acetate
Concen: 19.645 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN082660.D
Acq: 20 Jun 2024 11:56

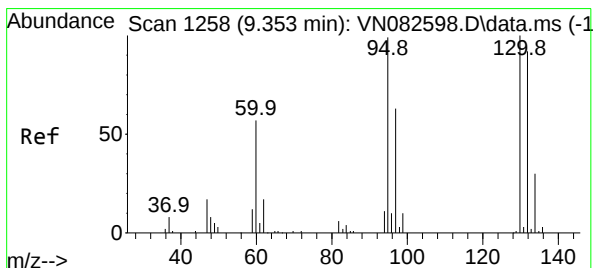
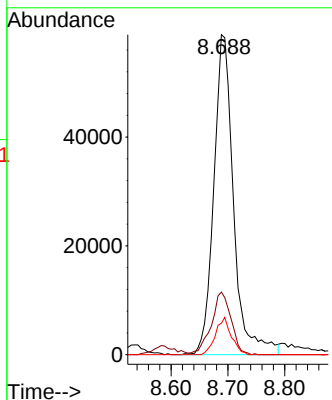
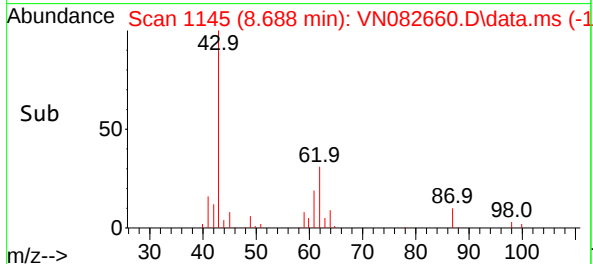
Instrument :
MSVOA_N
ClientSampleId :
VN0620WBSD01



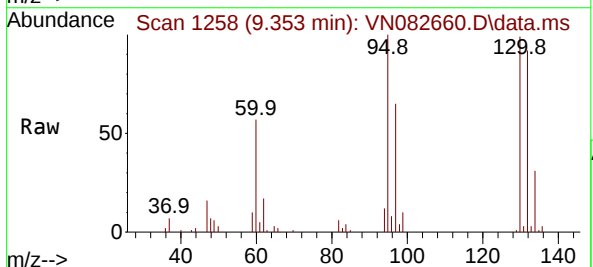
Tgt Ion: 43 Resp: 142240
Ion Ratio Lower Upper
43 100
61 19.5 17.8 26.6
87 9.3 8.2 12.2

Manual Integrations
APPROVED

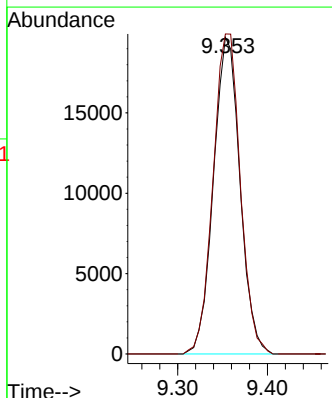
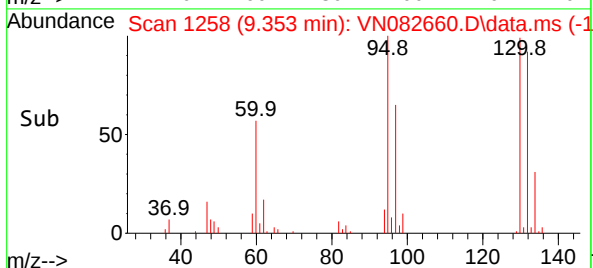
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024



#44
Trichloroethene
Concen: 18.483 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN082660.D
Acq: 20 Jun 2024 11:56



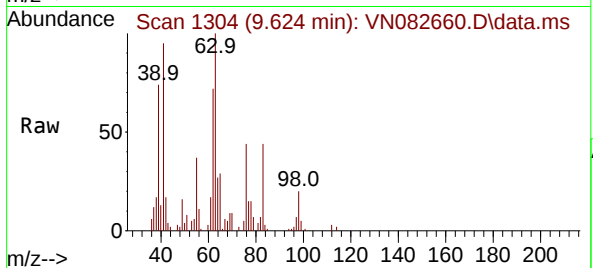
Tgt Ion:130 Resp: 40336
Ion Ratio Lower Upper
130 100
95 101.1 0.0 197.8





#45
1,2-Dichloropropane
Concen: 19.143 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VN082660.D
Acq: 20 Jun 2024 11:56

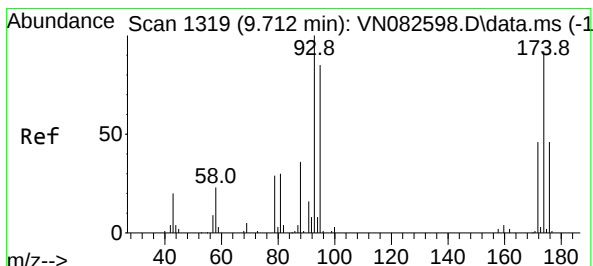
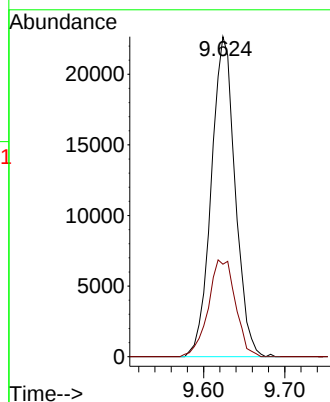
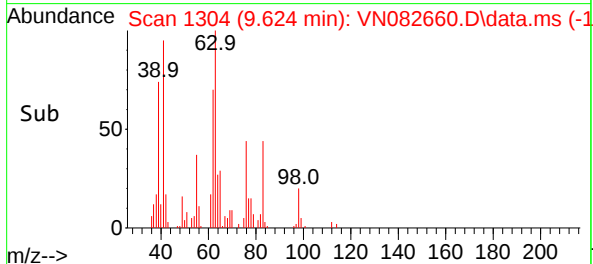
Instrument :
MSVOA_N
ClientSampleId :
VN0620WBSD01



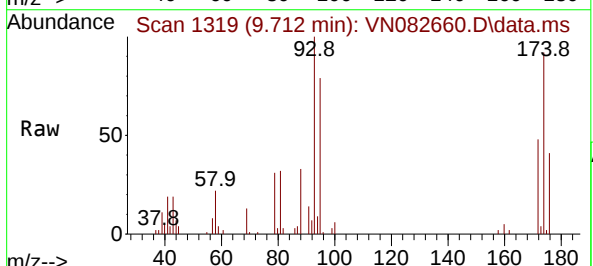
Tgt Ion: 63 Resp: 46309
Ion Ratio Lower Upper
63 100
65 28.9 24.4 36.6

Manual Integrations
APPROVED

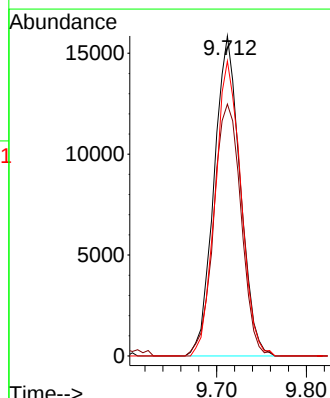
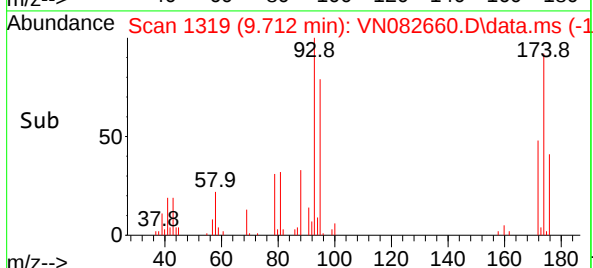
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024

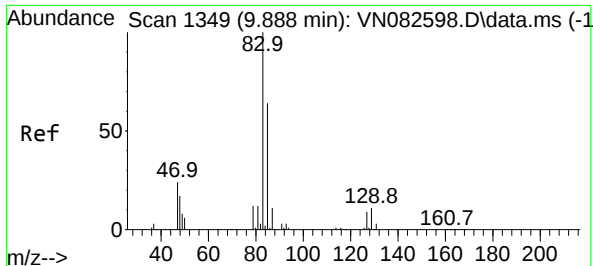


#46
Dibromomethane
Concen: 19.556 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN082660.D
Acq: 20 Jun 2024 11:56



Tgt Ion: 93 Resp: 32068
Ion Ratio Lower Upper
93 100
95 82.5 65.8 98.6
174 90.9 71.7 107.5





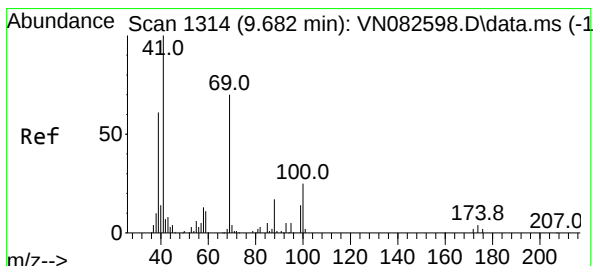
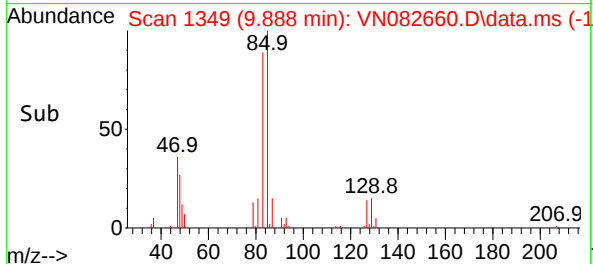
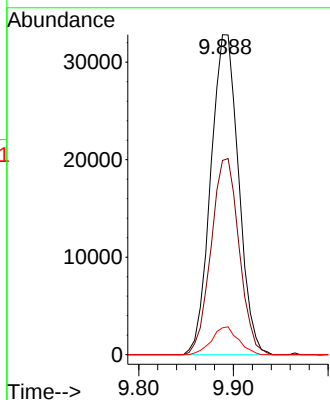
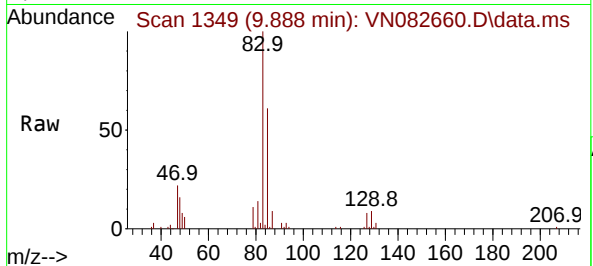
#47
Bromodichloromethane
Concen: 19.152 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN082660.D
Acq: 20 Jun 2024 11:56

Instrument :
MSVOA_N
ClientSampleId :
VN0620WBSD01

Tgt Ion: 83 Resp: 66950
Ion Ratio Lower Upper
83 100
85 60.7 51.1 76.7
127 8.4 7.2 10.8

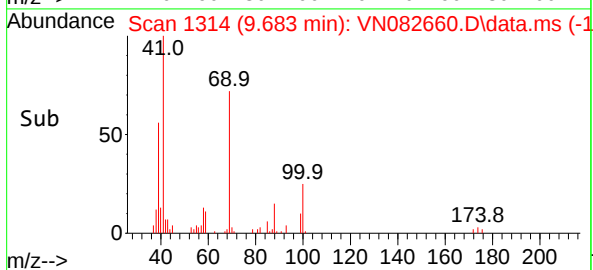
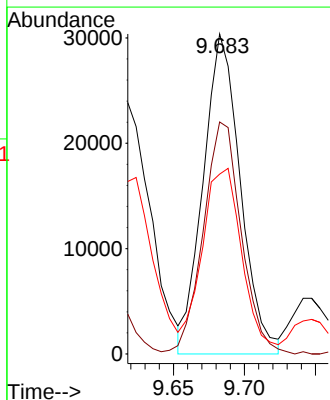
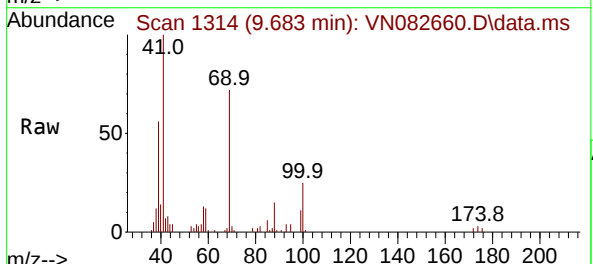
Manual Integrations
APPROVED

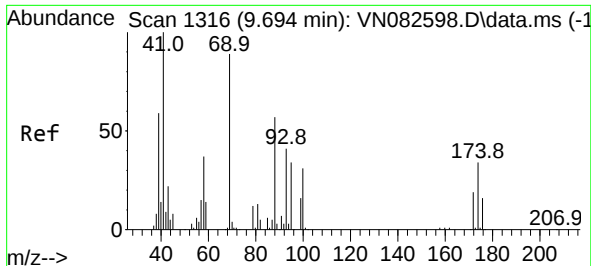
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024



#48
Methyl methacrylate
Concen: 18.533 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.001 min
Lab File: VN082660.D
Acq: 20 Jun 2024 11:56

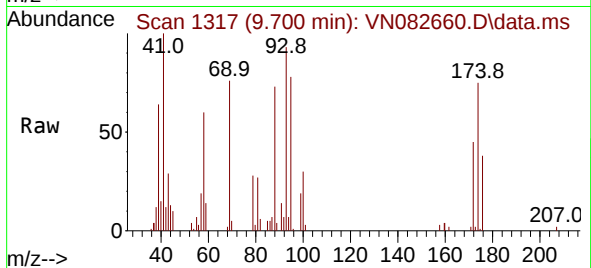
Tgt Ion: 41 Resp: 55317
Ion Ratio Lower Upper
41 100
69 74.2 56.3 84.5
39 62.9 50.3 75.5





#49
1,4-Dioxane
Concen: 401.297 ug/l
RT: 9.700 min Scan# 1316
Delta R.T. 0.006 min
Lab File: VN082660.D
Acq: 20 Jun 2024 11:56

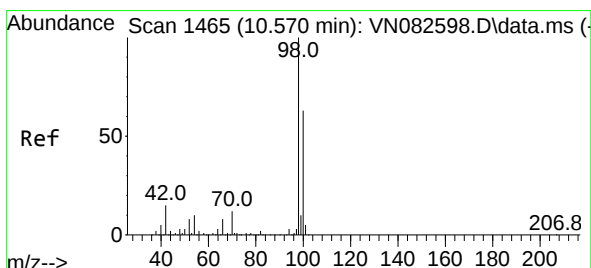
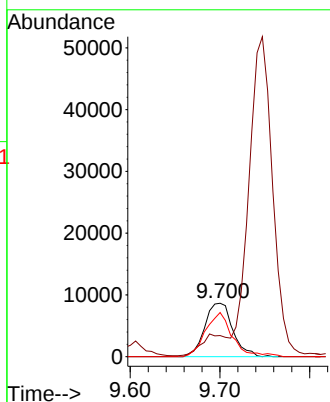
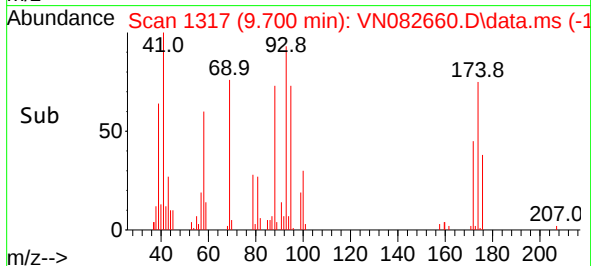
Instrument :
MSVOA_N
ClientSampleId :
VN0620WBSD01



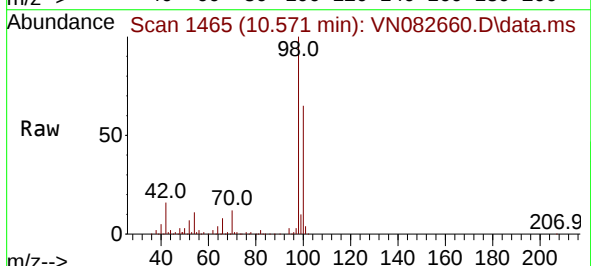
Tgt Ion: 88 Resp: 18730
Ion Ratio Lower Upper
88 100
43 35.2 27.8 41.8
58 79.8 59.4 89.0

Manual Integrations
APPROVED

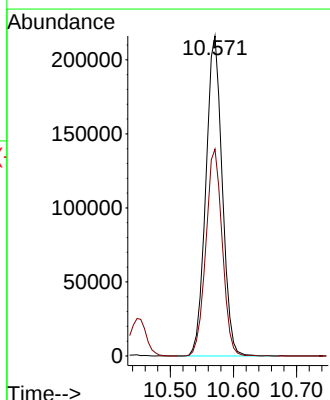
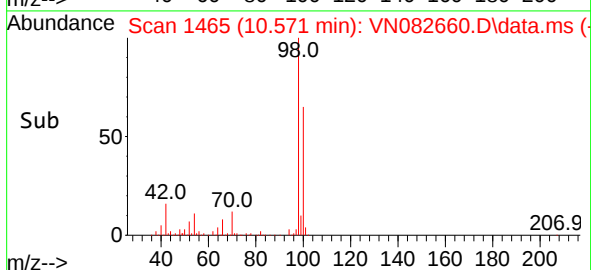
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024

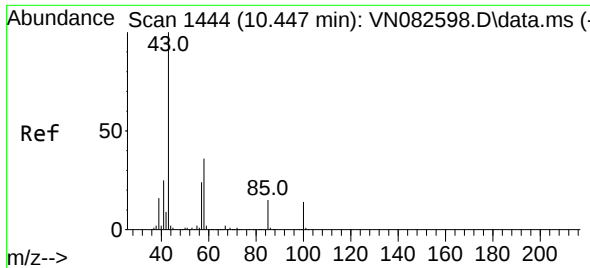


#50
Toluene-d8
Concen: 50.512 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082660.D
Acq: 20 Jun 2024 11:56



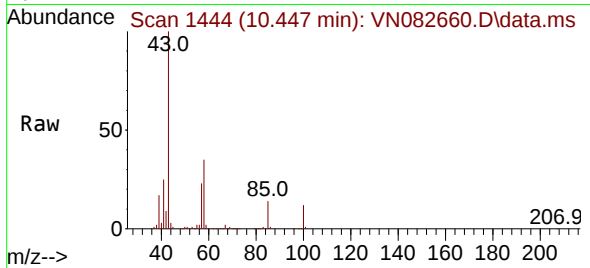
Tgt Ion: 98 Resp: 388652
Ion Ratio Lower Upper
98 100
100 64.8 51.5 77.3





#51
4-Methyl-2-Pentanone
Concen: 97.884 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN082660.D
Acq: 20 Jun 2024 11:56

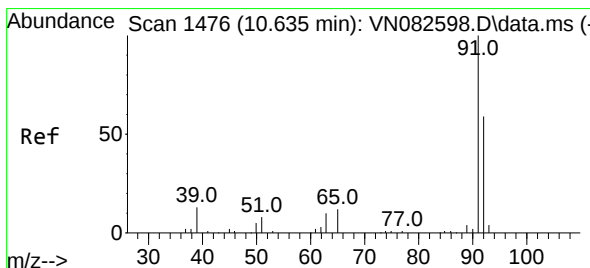
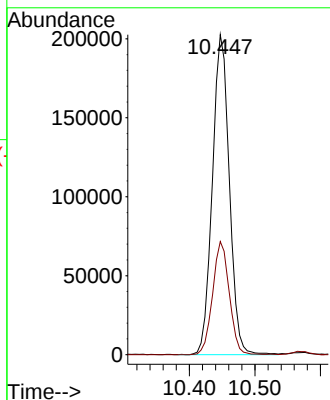
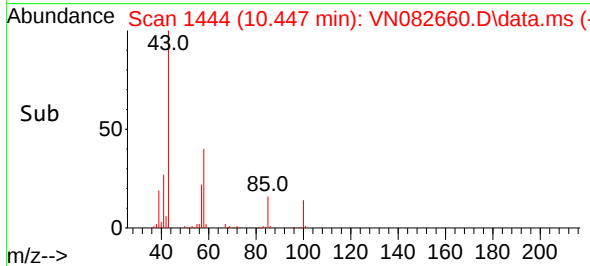
Instrument :
MSVOA_N
ClientSampleId :
VN0620WBSD01



Tgt Ion: 43 Resp: 363518
Ion Ratio Lower Upper
43 100
58 34.7 28.2 42.4

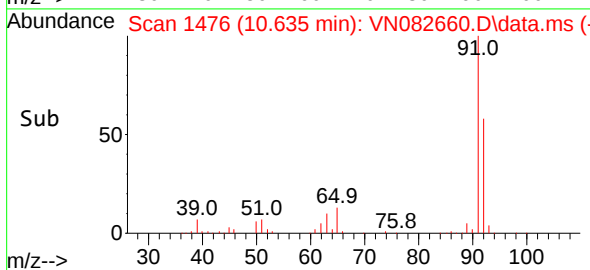
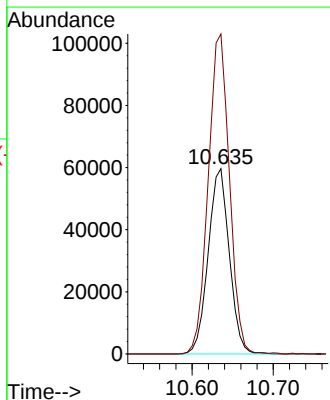
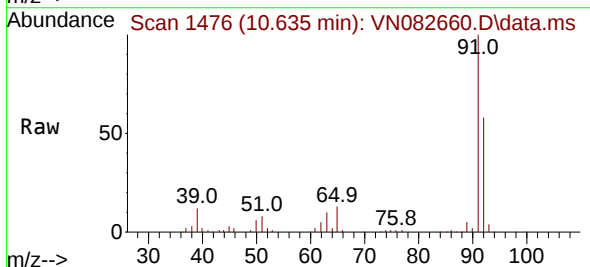
Manual Integrations
APPROVED

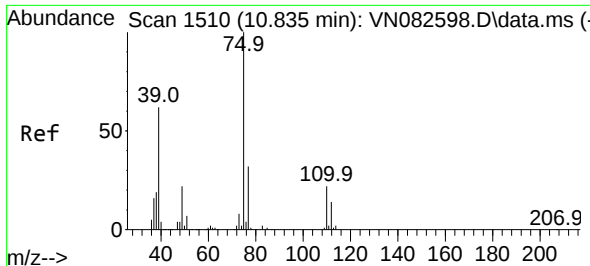
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024



#52
Toluene
Concen: 18.911 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN082660.D
Acq: 20 Jun 2024 11:56

Tgt Ion: 92 Resp: 107710
Ion Ratio Lower Upper
92 100
91 173.6 139.4 209.0





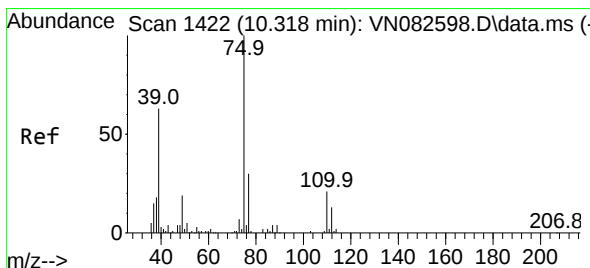
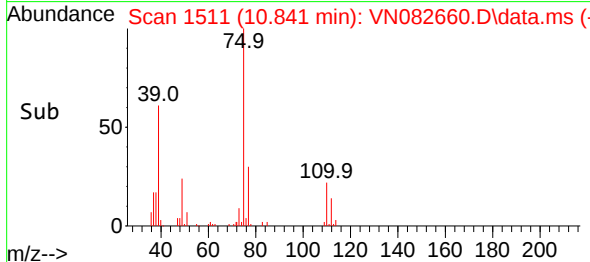
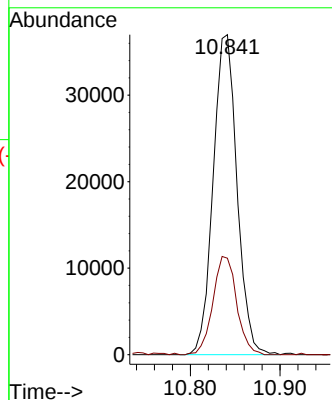
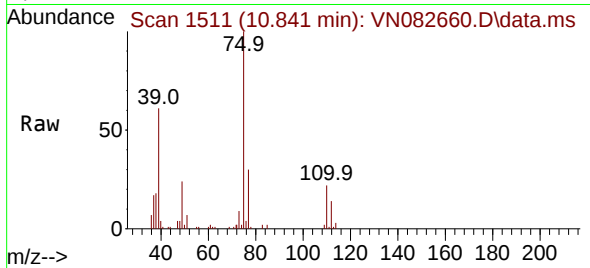
#53
t-1,3-Dichloropropene
Concen: 19.092 ug/l
RT: 10.841 min Scan# 1510
Delta R.T. 0.006 min
Lab File: VN082660.D
Acq: 20 Jun 2024 11:56

Instrument :
MSVOA_N
ClientSampleId :
VN0620WBSD01

Tgt Ion: 75 Resp: 6823
Ion Ratio Lower Upper
75 100
77 30.1 25.7 38.5

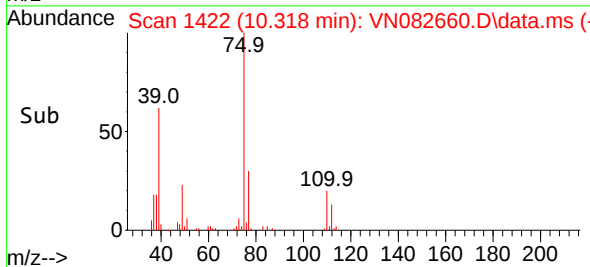
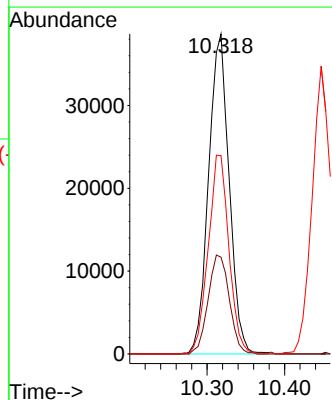
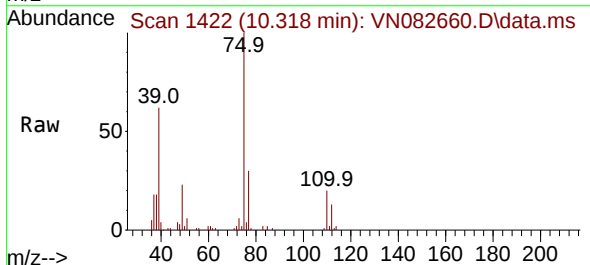
Manual Integrations
APPROVED

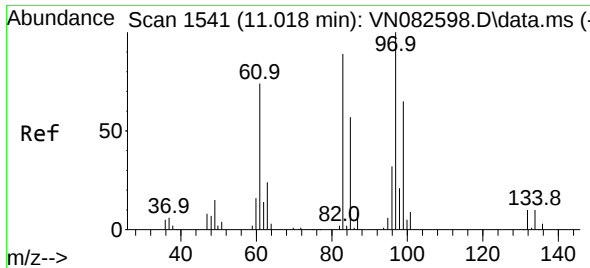
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024



#54
cis-1,3-Dichloropropene
Concen: 19.260 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VN082660.D
Acq: 20 Jun 2024 11:56

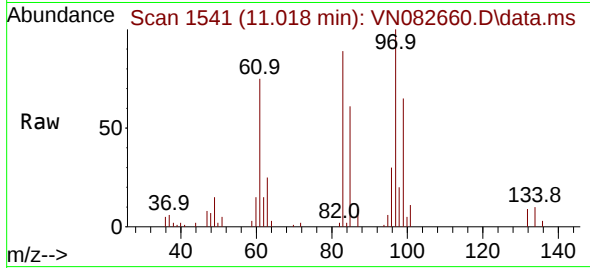
Tgt Ion: 75 Resp: 71180
Ion Ratio Lower Upper
75 100
77 30.2 24.3 36.5
39 62.0 50.5 75.7





#55
1,1,2-Trichloroethane
Concen: 20.173 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN082660.D
Acq: 20 Jun 2024 11:56

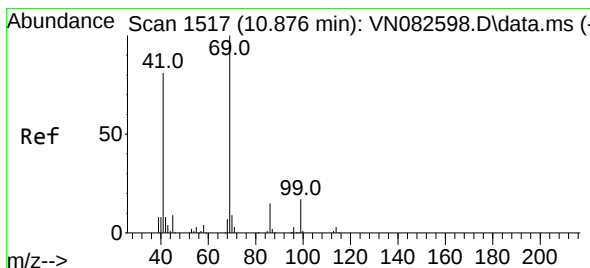
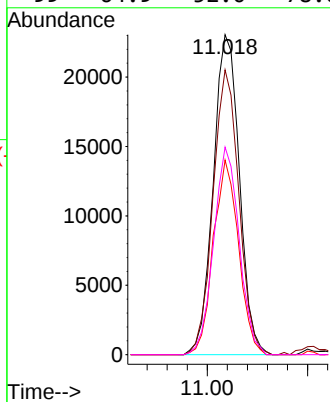
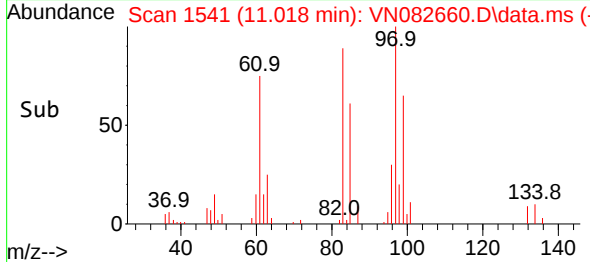
Instrument :
MSVOA_N
ClientSampleId :
VN0620WBSD01



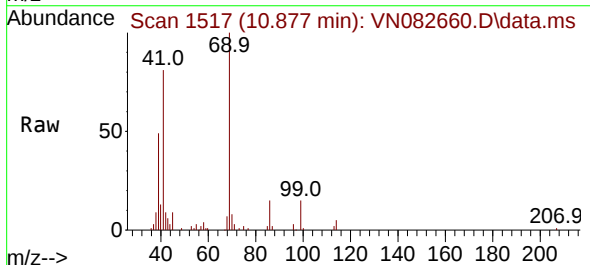
Tgt Ion:	97	Resp:	4158
Ion	Ratio	Lower	Upper
97	100		
83	89.0	71.4	107.0
85	60.8	45.8	68.6
99	64.9	52.0	78.0

Manual Integrations
APPROVED

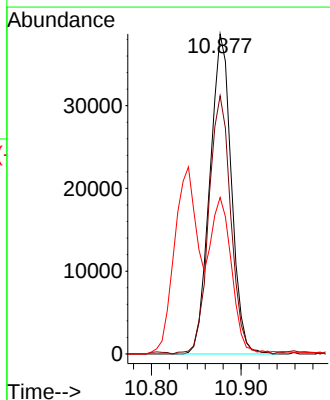
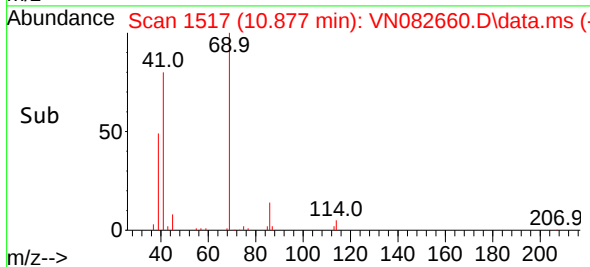
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024

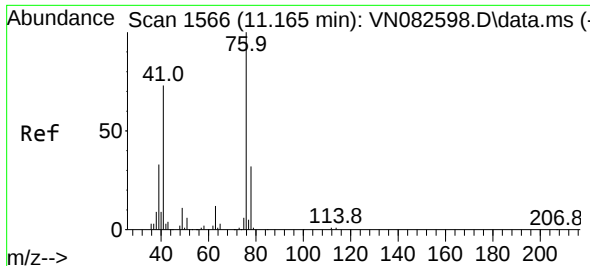


#56
Ethyl methacrylate
Concen: 18.803 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN082660.D
Acq: 20 Jun 2024 11:56



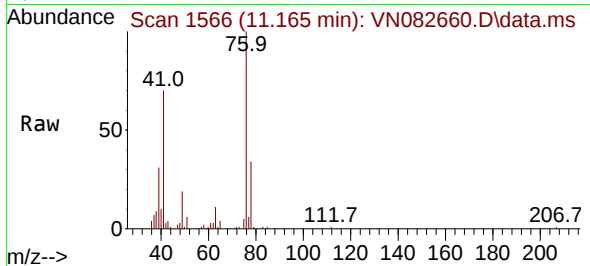
Tgt Ion:	69	Resp:	64198
Ion	Ratio	Lower	Upper
69	100		
41	83.3	63.4	95.2
39	46.9	37.4	56.0





#57
1,3-Dichloropropane
Concen: 19.574 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN082660.D
Acq: 20 Jun 2024 11:56

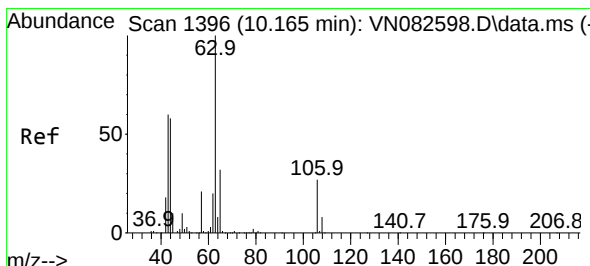
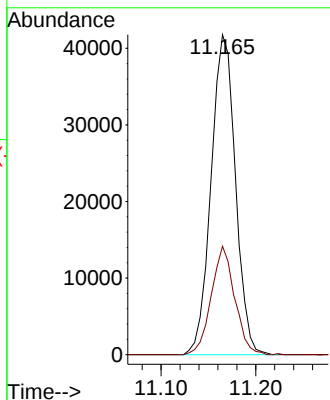
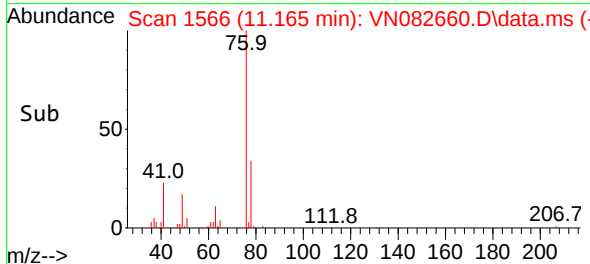
Instrument :
MSVOA_N
ClientSampleId :
VN0620WBSD01



Tgt Ion: 76 Resp: 74594
Ion Ratio Lower Upper
76 100
78 32.6 25.6 38.4

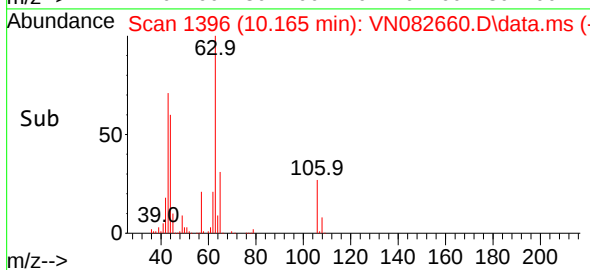
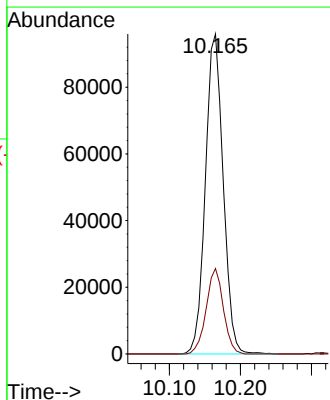
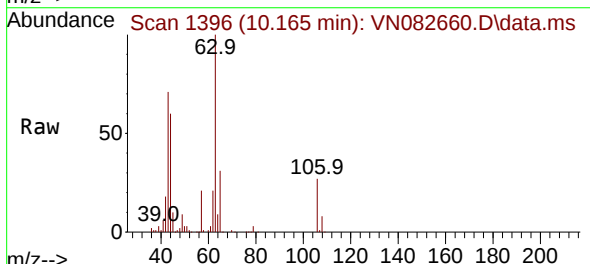
Manual Integrations
APPROVED

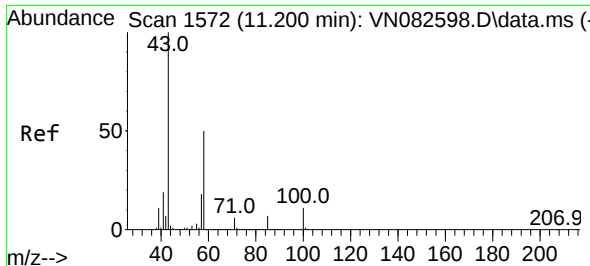
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024



#58
2-Chloroethyl Vinyl ether
Concen: 92.452 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN082660.D
Acq: 20 Jun 2024 11:56

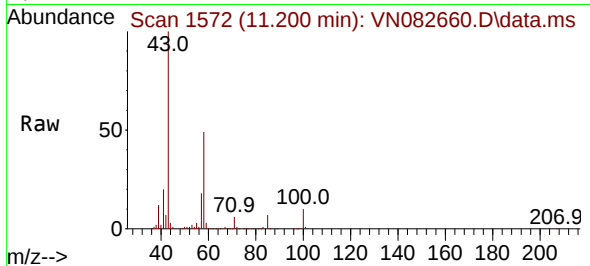
Tgt Ion: 63 Resp: 166980
Ion Ratio Lower Upper
63 100
106 25.8 21.4 32.0





#59
2-Hexanone
Concen: 94.592 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN082660.D
Acq: 20 Jun 2024 11:56

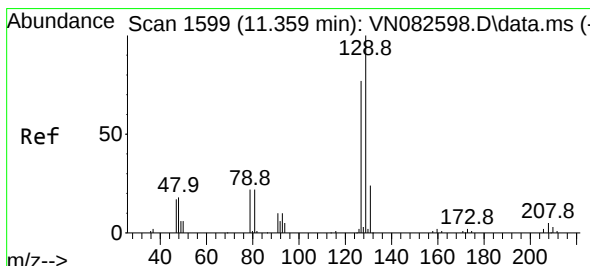
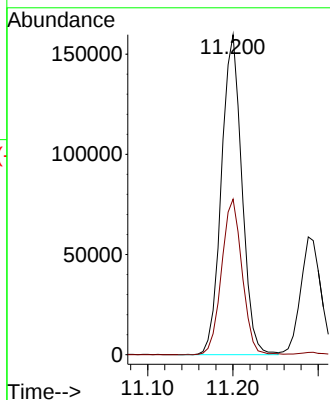
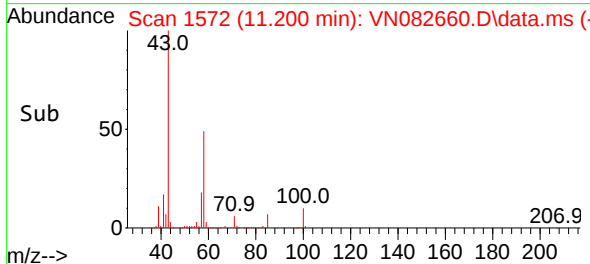
Instrument :
MSVOA_N
ClientSampleId :
VN0620WBSD01



Tgt Ion: 43 Resp: 267000
Ion Ratio Lower Upper
43 100
58 48.6 24.6 73.8

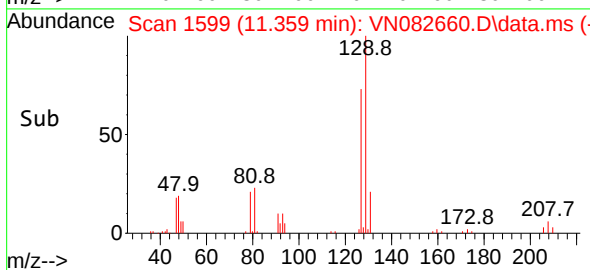
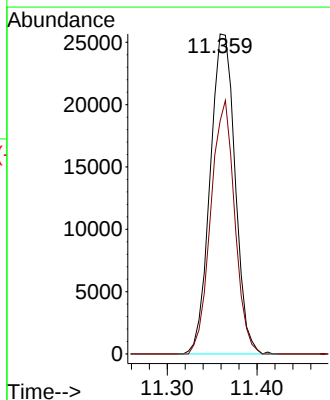
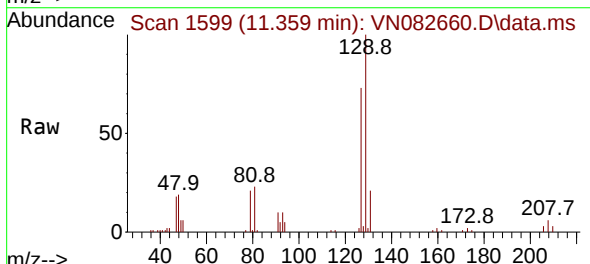
Manual Integrations
APPROVED

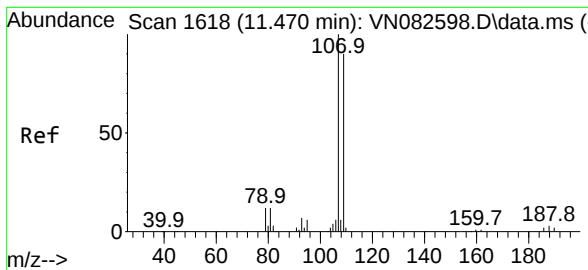
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024



#60
Dibromochloromethane
Concen: 19.688 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN082660.D
Acq: 20 Jun 2024 11:56

Tgt Ion:129 Resp: 49544
Ion Ratio Lower Upper
129 100
127 75.7 39.2 117.6





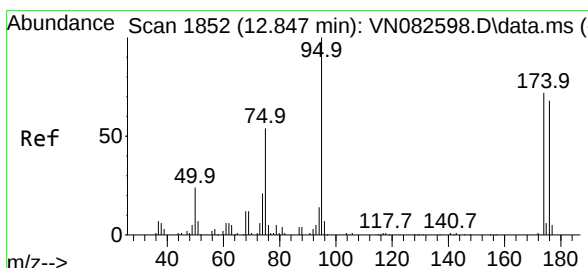
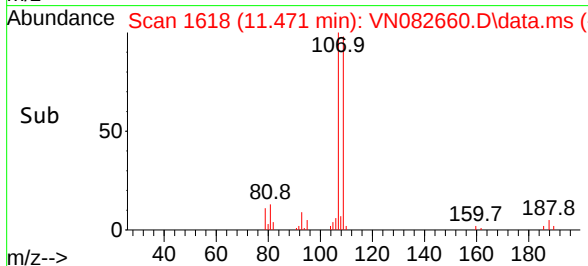
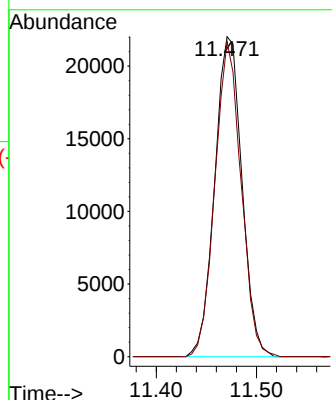
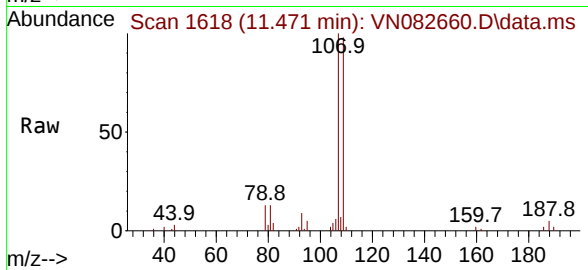
#61
1,2-Dibromoethane
Concen: 19.111 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN082660.D
Acq: 20 Jun 2024 11:56

Instrument :
MSVOA_N
ClientSampleId :
VN0620WBSD01

Tgt Ion:107 Resp: 41538
Ion Ratio Lower Upper
107 100
109 94.5 73.7 110.5

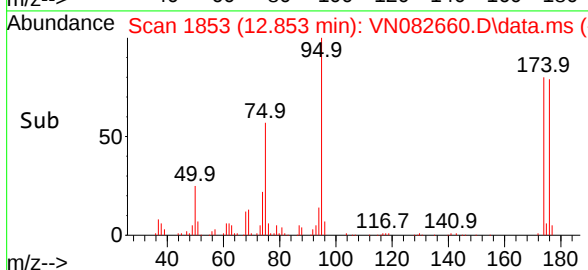
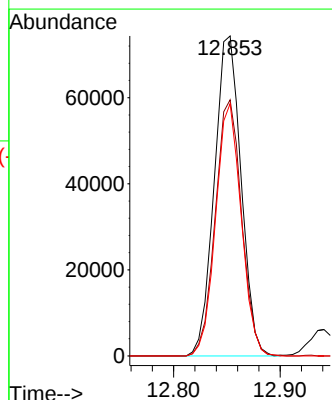
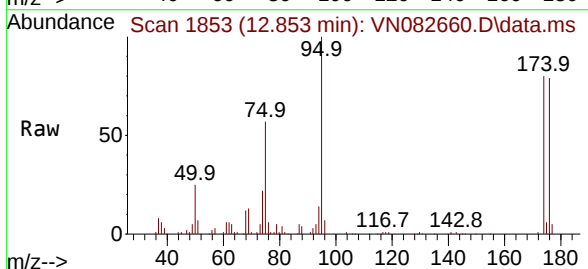
Manual Integrations
APPROVED

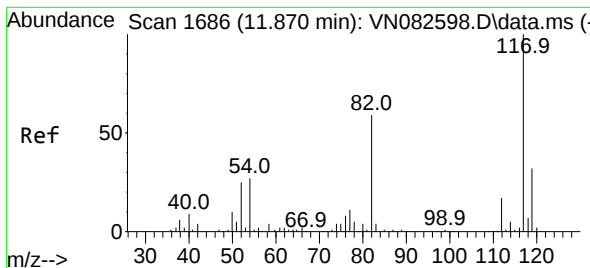
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024



#62
4-Bromofluorobenzene
Concen: 48.855 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082660.D
Acq: 20 Jun 2024 11:56

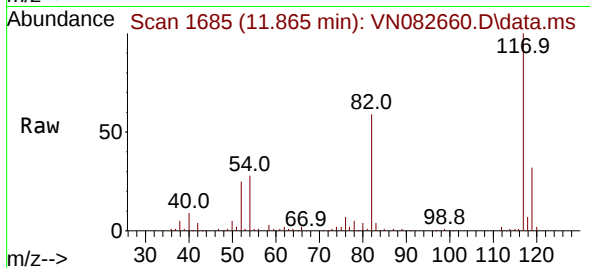
Tgt Ion: 95 Resp: 129597
Ion Ratio Lower Upper
95 100
174 78.8 0.0 159.2
176 75.1 0.0 147.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1185
Delta R.T. -0.006 min
Lab File: VN082660.D
Acq: 20 Jun 2024 11:56

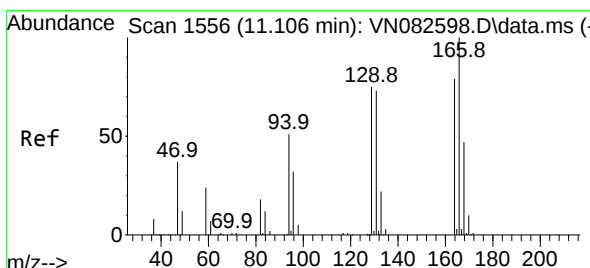
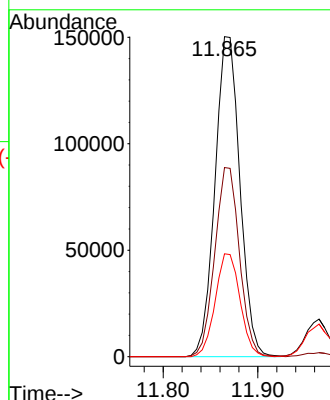
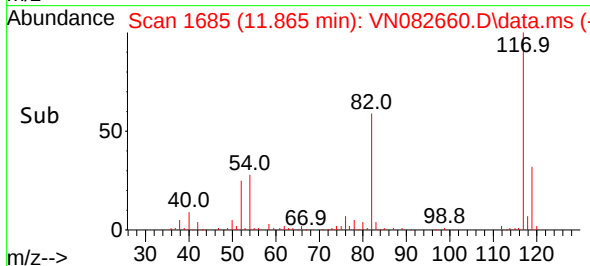
Instrument :
MSVOA_N
ClientSampleId :
VN0620WBSD01



Tgt Ion:117 Resp: 27519
Ion Ratio Lower Upper
117 100
82 59.1 47.5 71.3
119 32.1 25.6 38.4

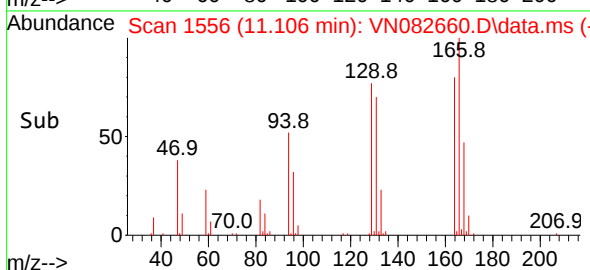
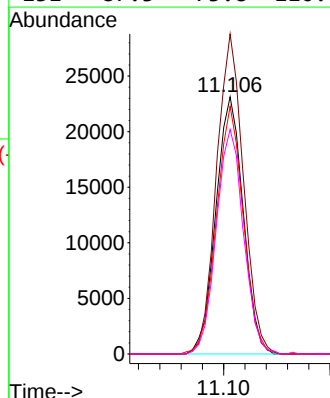
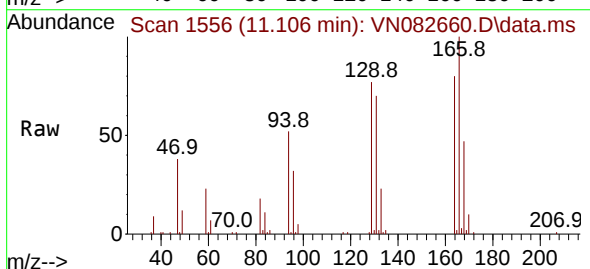
Manual Integrations
APPROVED

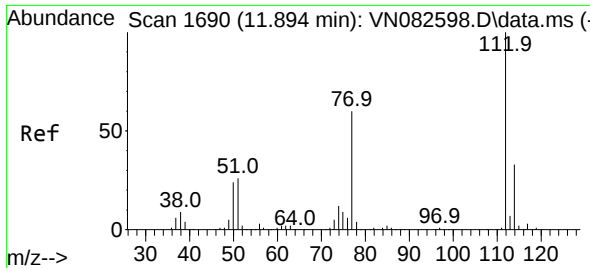
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024



#64
Tetrachloroethene
Concen: 18.120 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN082660.D
Acq: 20 Jun 2024 11:56

Tgt Ion:164 Resp: 41116
Ion Ratio Lower Upper
164 100
166 124.4 101.4 152.0
129 96.3 75.7 113.5
131 87.3 73.8 110.6





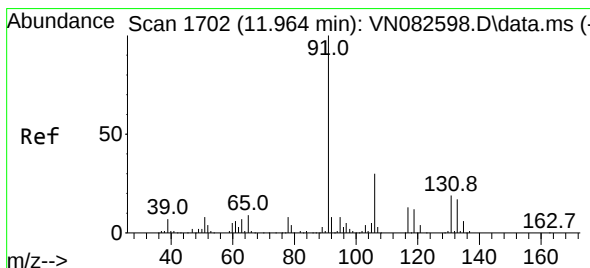
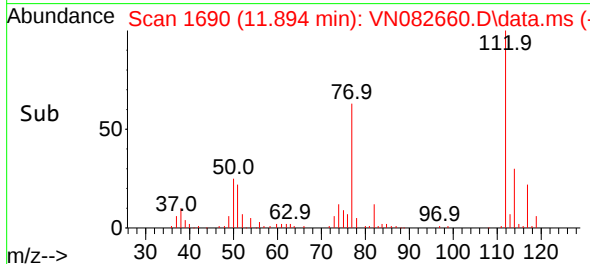
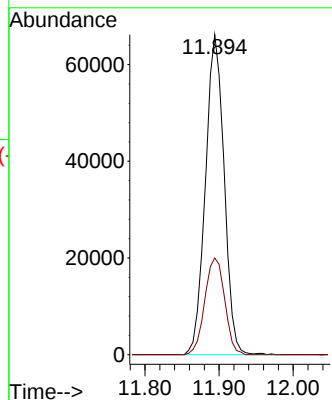
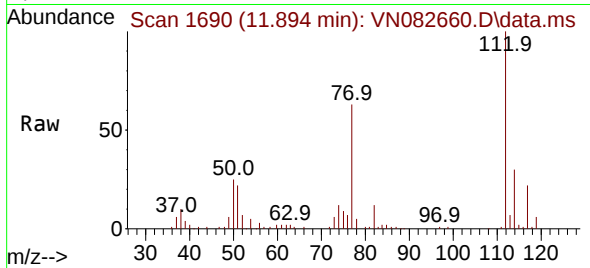
#65
Chlorobenzene
Concen: 18.383 ug/l
RT: 11.894 min Scan# 11601
Delta R.T. 0.000 min
Lab File: VN082660.D
Acq: 20 Jun 2024 11:56

Instrument :
MSVOA_N
ClientSampleId :
VN0620WBSD01

Tgt Ion:112 Resp: 11601
Ion Ratio Lower Upper
112 100
114 30.2 26.2 39.2

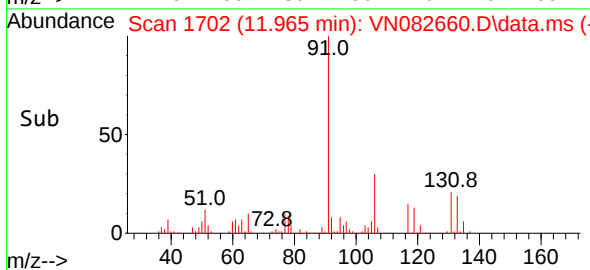
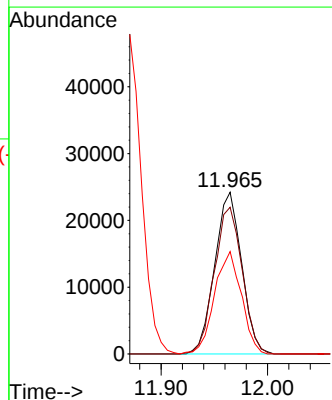
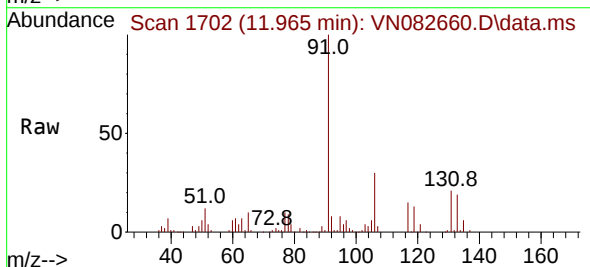
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 18.868 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN082660.D
Acq: 20 Jun 2024 11:56

Tgt Ion:131 Resp: 42459
Ion Ratio Lower Upper
131 100
133 94.4 47.3 142.0
119 63.4 32.5 97.4





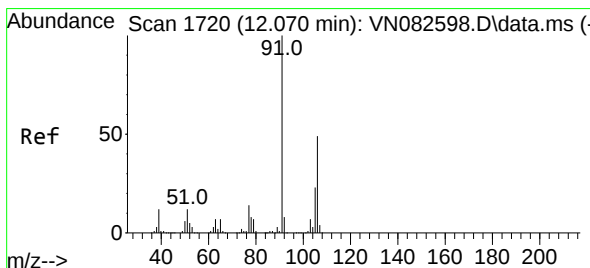
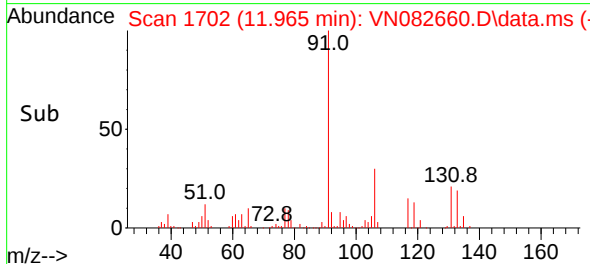
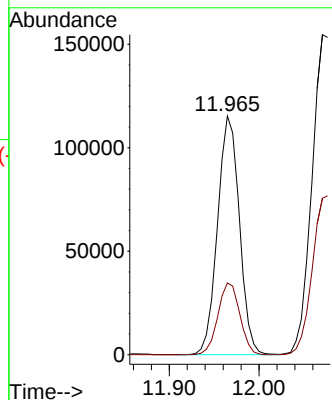
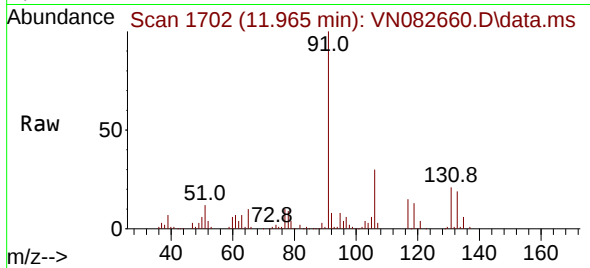
#67
Ethyl Benzene
Concen: 18.136 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN082660.D
Acq: 20 Jun 2024 11:56

Instrument :
MSVOA_N
ClientSampleId :
VN0620WBSD01

Tgt Ion: 91 Resp: 195014
Ion Ratio Lower Upper
91 100
106 30.0 24.0 36.0

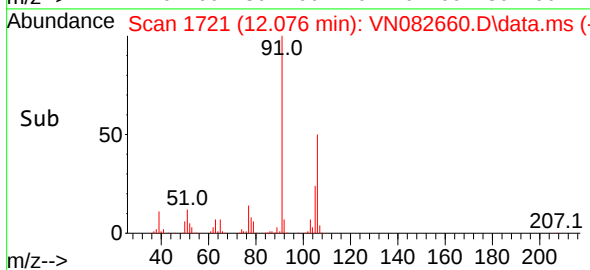
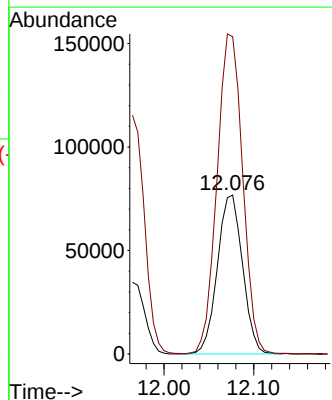
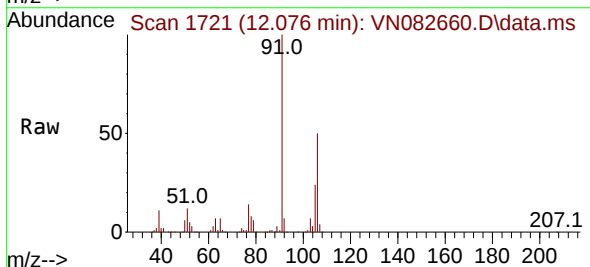
Manual Integrations
APPROVED

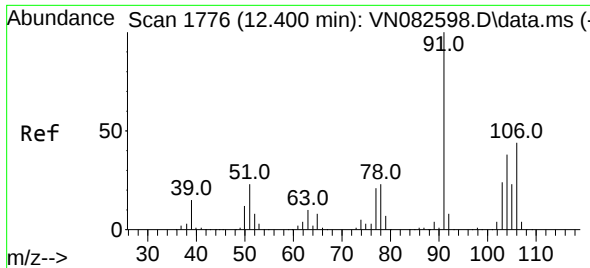
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024



#68
m/p-Xylenes
Concen: 37.337 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN082660.D
Acq: 20 Jun 2024 11:56

Tgt Ion:106 Resp: 149365
Ion Ratio Lower Upper
106 100
91 205.6 166.1 249.1





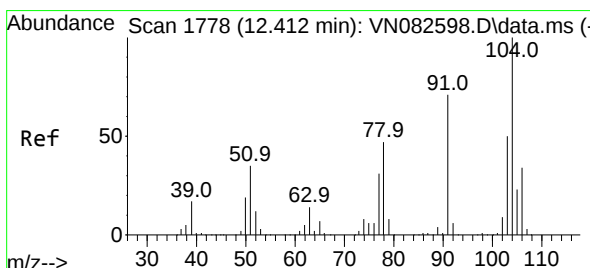
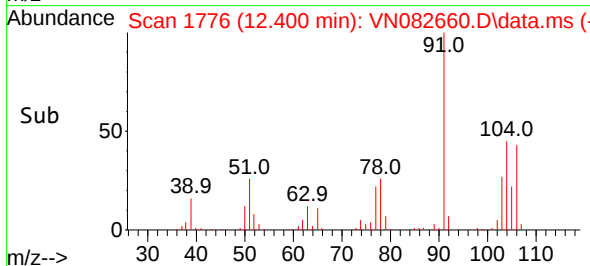
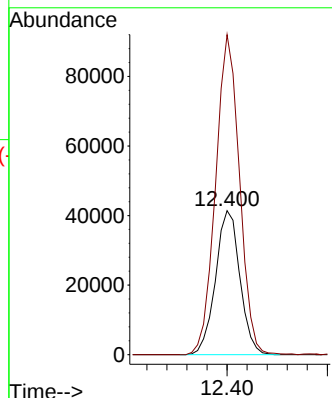
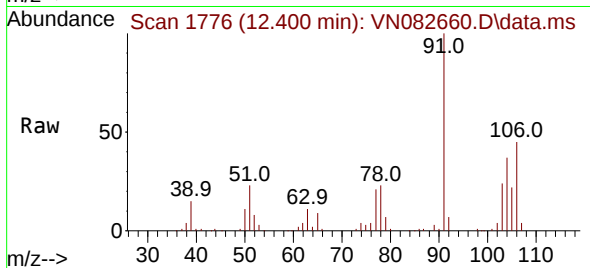
#69
o-Xylene
Concen: 18.564 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN082660.D
Acq: 20 Jun 2024 11:56

Instrument :
MSVOA_N
ClientSampleId :
VN0620WBSD01

Tgt Ion:106 Resp: 6977
Ion Ratio Lower Upper
106 100
91 218.1 111.3 333.9

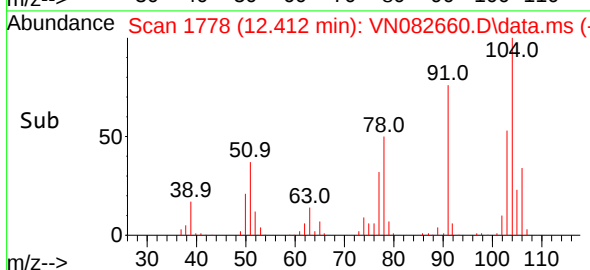
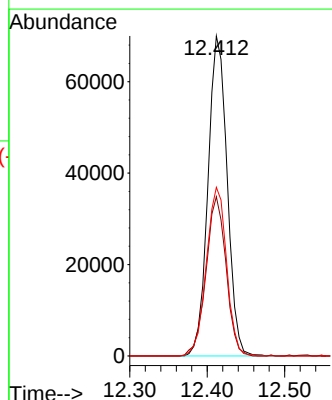
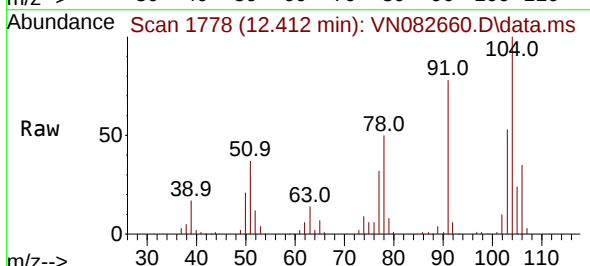
Manual Integrations
APPROVED

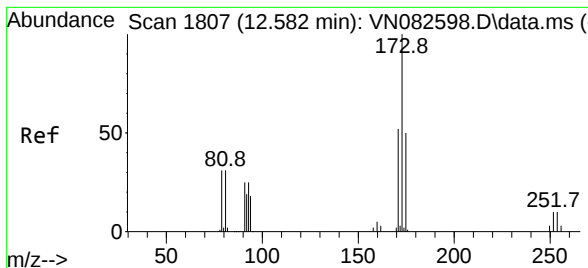
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024



#70
Styrene
Concen: 18.928 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN082660.D
Acq: 20 Jun 2024 11:56

Tgt Ion:104 Resp: 120744
Ion Ratio Lower Upper
104 100
78 51.8 41.6 62.4
103 55.5 44.0 66.0





#71

Bromoform

Concen: 18.657 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN082660.D

Acq: 20 Jun 2024 11:56

Instrument :

MSVOA_N

ClientSampleId :

VN0620WBSD01

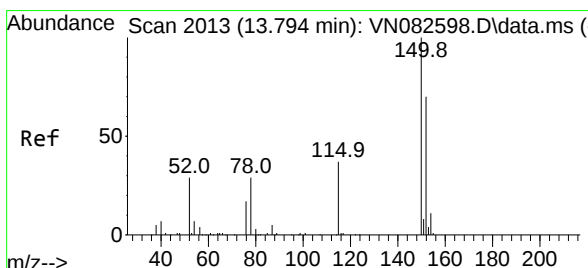
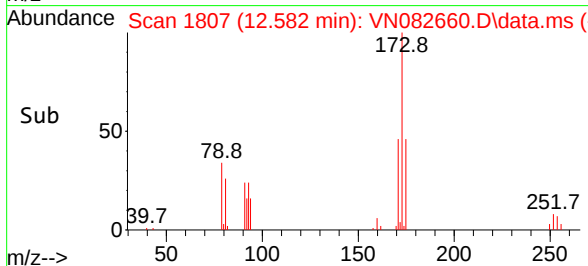
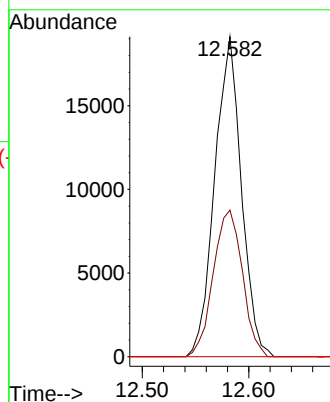
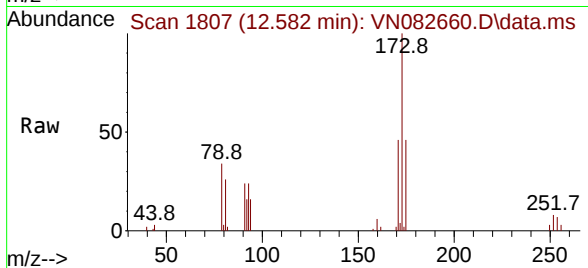
Tgt Ion:	173	Resp:	3319
Ion Ratio	Lower	Upper	
173	100		
175	50.1	24.0	72.0
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/21/2024

Supervised By :Mahesh Dadoda 06/21/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

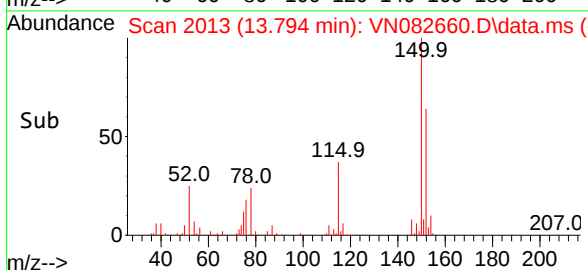
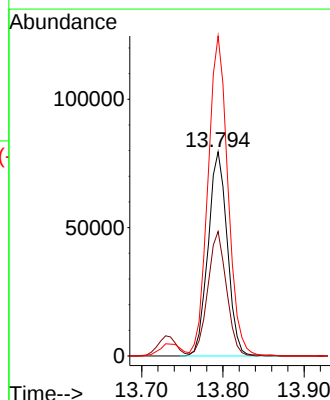
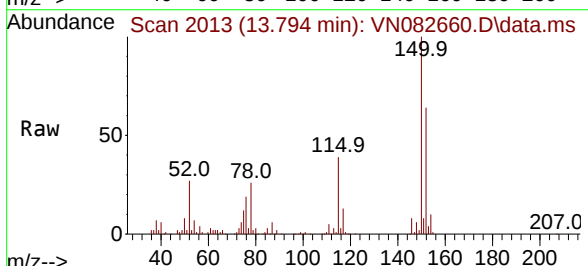
RT: 13.794 min Scan# 2013

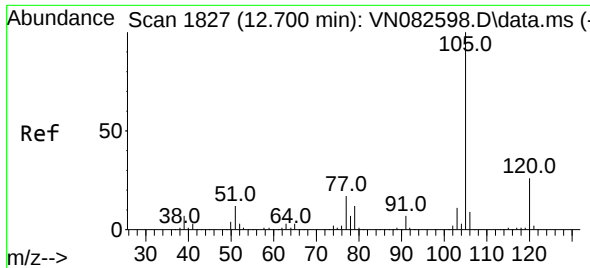
Delta R.T. 0.000 min

Lab File: VN082660.D

Acq: 20 Jun 2024 11:56

Tgt Ion:	152	Resp:	130340
Ion Ratio	Lower	Upper	
152	100		
115	59.5	30.6	91.6
150	163.0	0.0	348.6





#73
Isopropylbenzene
Concen: 18.121 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.006 min
Lab File: VN082660.D
Acq: 20 Jun 2024 11:56

Instrument :

MSVOA_N

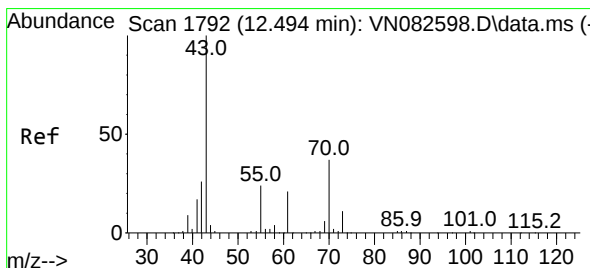
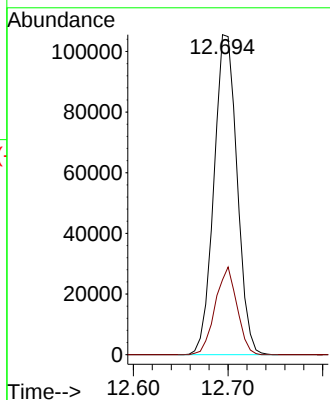
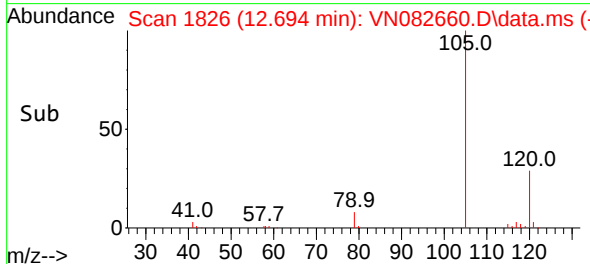
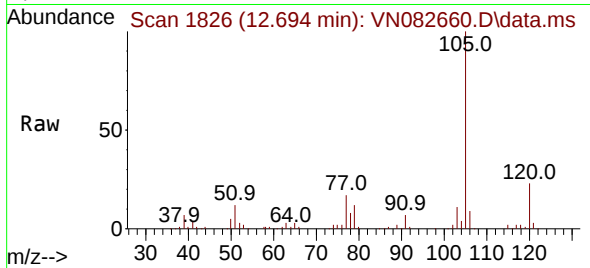
ClientSampleId :

VN0620WBSD01

Tgt Ion:105 Resp: 17935
Ion Ratio Lower Upper
105 100
120 25.7 12.9 38.6

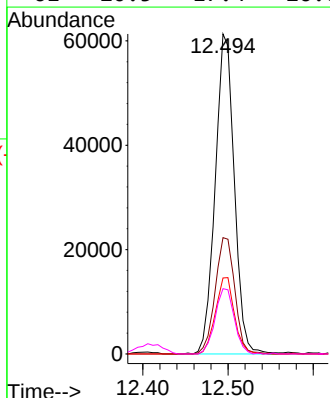
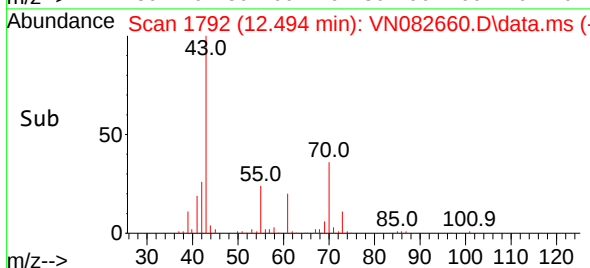
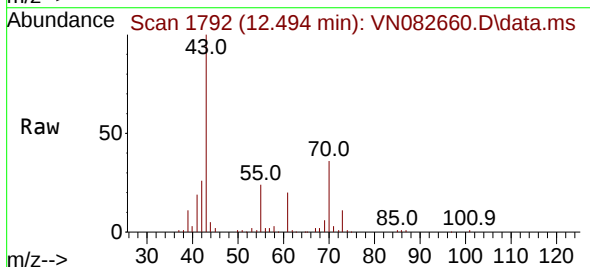
Manual Integrations
APPROVED

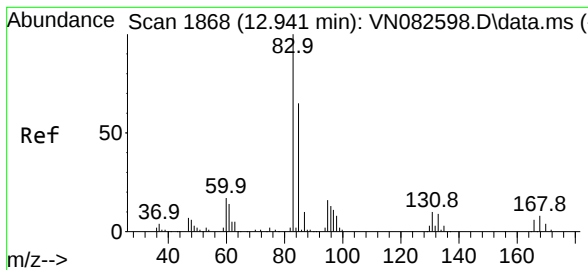
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024



#74
N-ethyl acetate
Concen: 18.119 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN082660.D
Acq: 20 Jun 2024 11:56

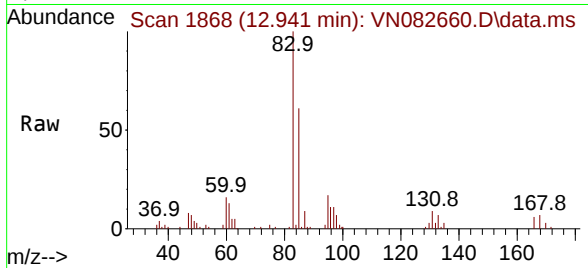
Tgt Ion: 43 Resp: 95706
Ion Ratio Lower Upper
43 100
70 37.3 29.8 44.6
55 23.8 18.7 28.1
61 20.5 17.4 26.0





#75
1,1,2,2-Tetrachloroethane
Concen: 18.916 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN082660.D
Acq: 20 Jun 2024 11:56

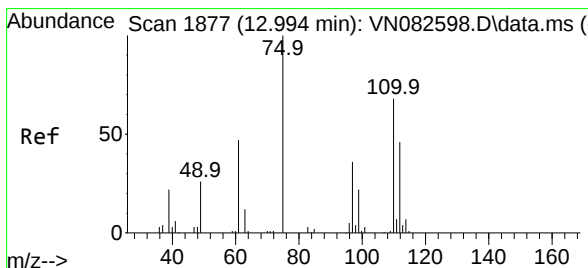
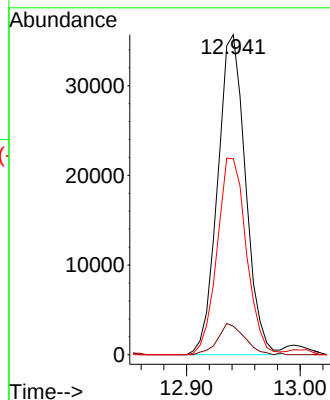
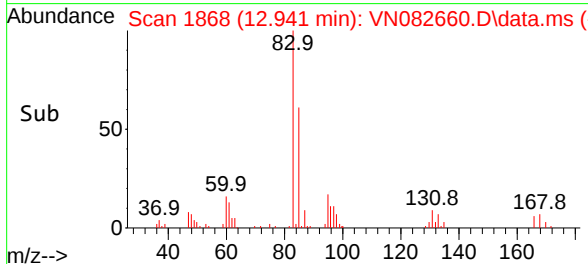
Instrument :
MSVOA_N
ClientSampleId :
VN0620WBSD01



Tgt Ion: 83 Resp: 61070
Ion Ratio Lower Upper
83 100
131 9.4 5.0 14.9
85 64.2 31.9 95.7

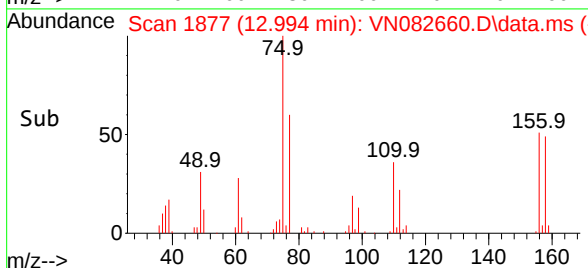
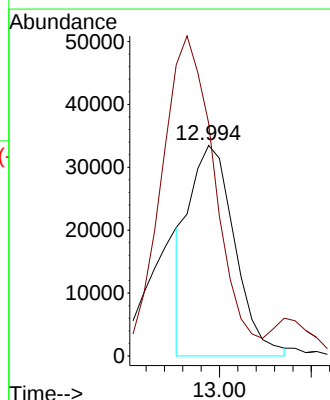
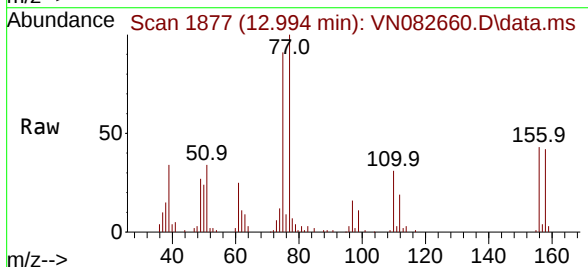
Manual Integrations
APPROVED

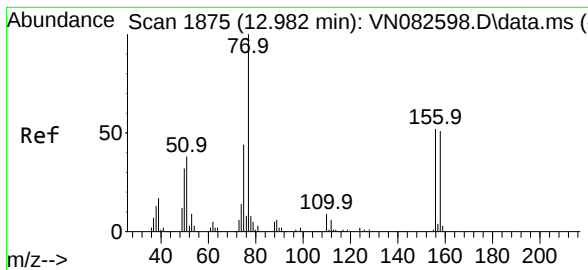
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024



#76
1,2,3-Trichloropropane
Concen: 18.075 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN082660.D
Acq: 20 Jun 2024 11:56

Tgt Ion: 75 Resp: 57622
Ion Ratio Lower Upper
75 100
77 180.1 110.9 332.6





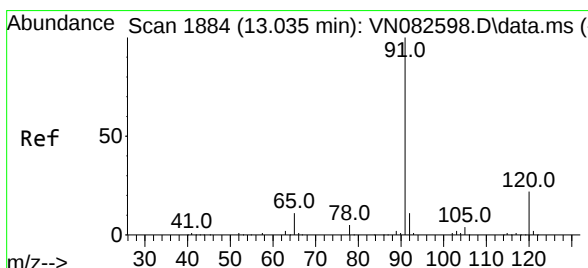
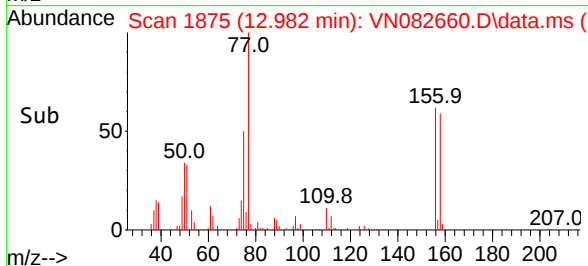
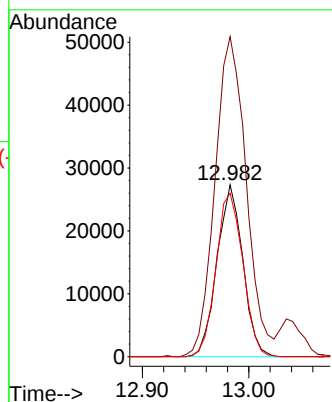
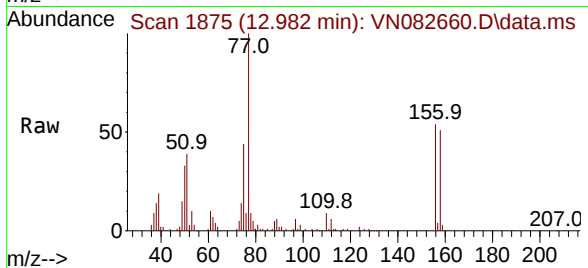
#77
Bromobenzene
Concen: 18.012 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN082660.D
Acq: 20 Jun 2024 11:56

Instrument :
MSVOA_N
ClientSampleId :
VN0620WBSD01

Tgt Ion:156 Resp: 45880
Ion Ratio Lower Upper
156 100
77 226.2 111.3 333.8
158 99.2 48.3 144.9

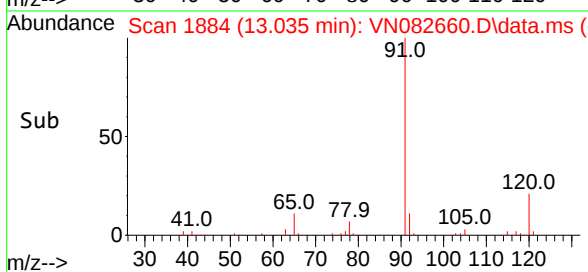
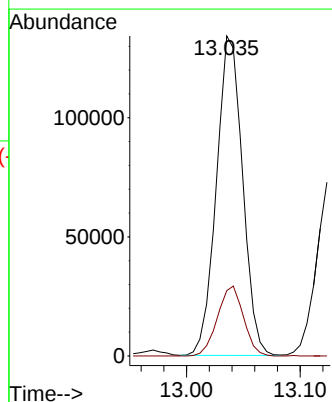
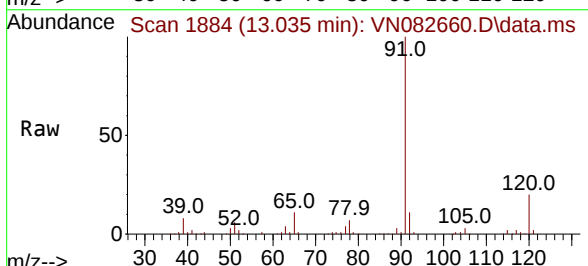
Manual Integrations
APPROVED

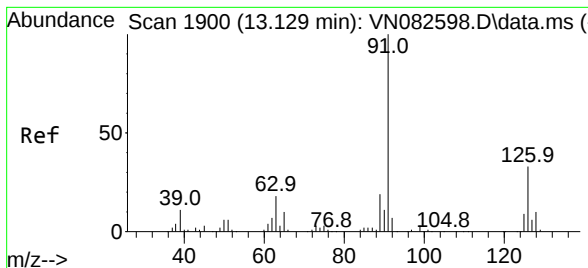
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024



#78
n-propylbenzene
Concen: 18.366 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN082660.D
Acq: 20 Jun 2024 11:56

Tgt Ion: 91 Resp: 215013
Ion Ratio Lower Upper
91 100
120 21.7 10.9 32.9





#79
2-Chlorotoluene
Concen: 18.008 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN082660.D
Acq: 20 Jun 2024 11:56

Instrument :

MSVOA_N

ClientSampleId :

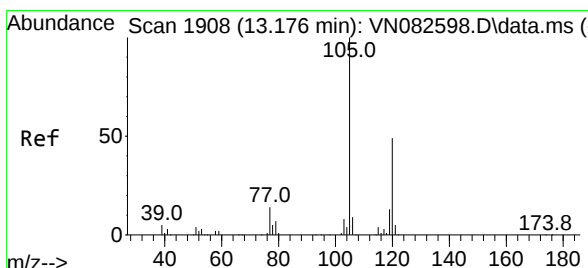
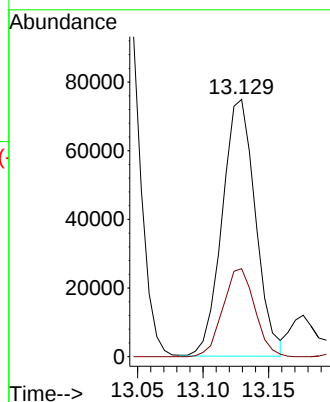
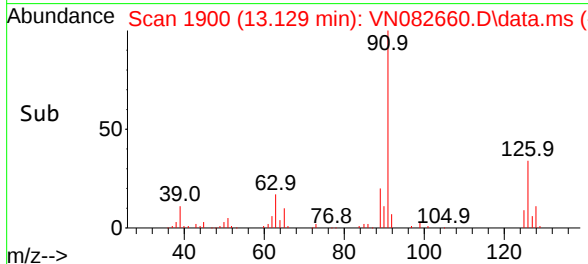
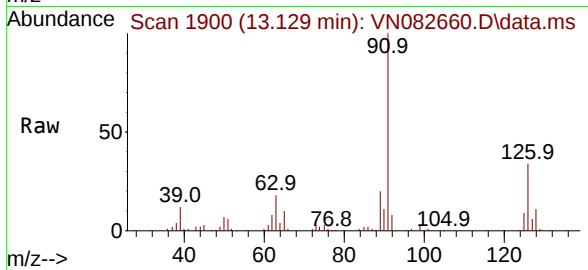
VN0620WBSD01

Tgt Ion: 91 Resp: 13221
Ion Ratio Lower Upper
91 100
126 32.8 16.2 48.6

Manual Integrations

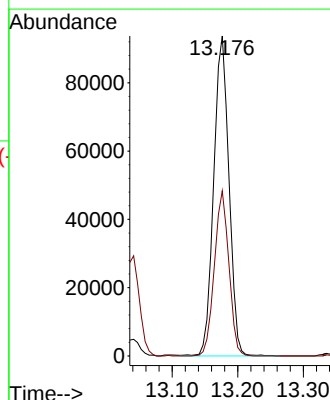
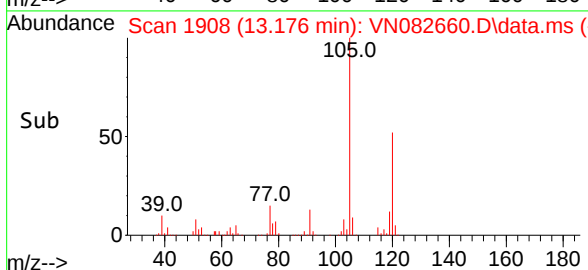
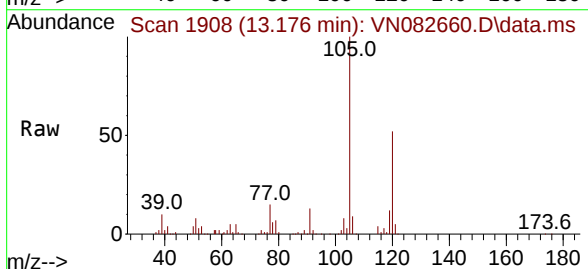
APPROVED

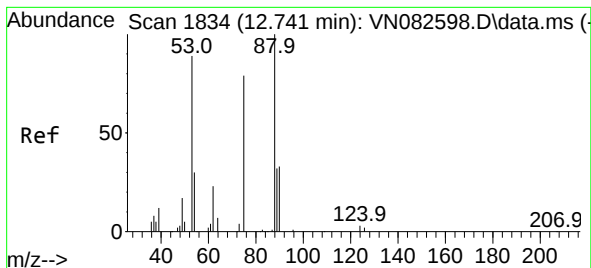
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024



#80
1,3,5-Trimethylbenzene
Concen: 18.809 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN082660.D
Acq: 20 Jun 2024 11:56

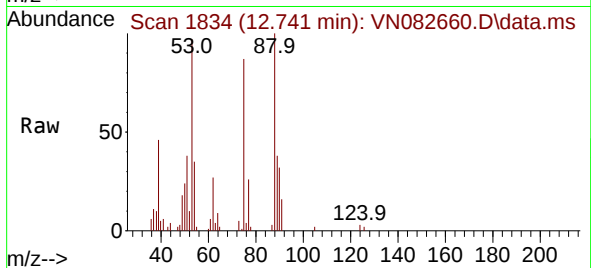
Tgt Ion:105 Resp: 151075
Ion Ratio Lower Upper
105 100
120 49.1 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 17.827 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN082660.D
Acq: 20 Jun 2024 11:56

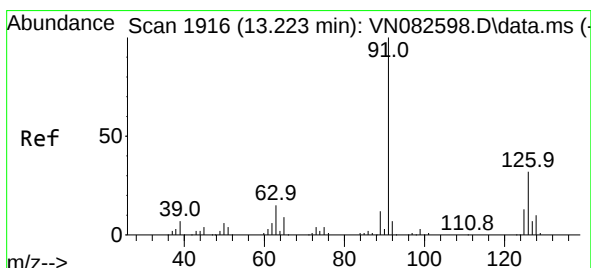
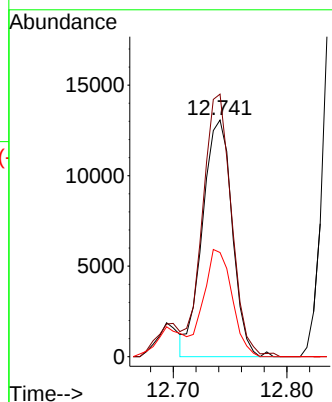
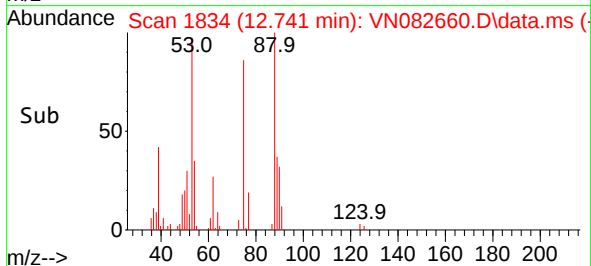
Instrument :
MSVOA_N
ClientSampleId :
VN0620WBSD01



Tgt Ion: 75 Resp: 23754
Ion Ratio Lower Upper
75 100
53 108.5 88.4 132.6
89 43.6 36.3 54.5

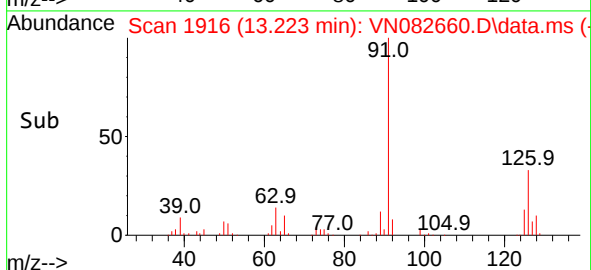
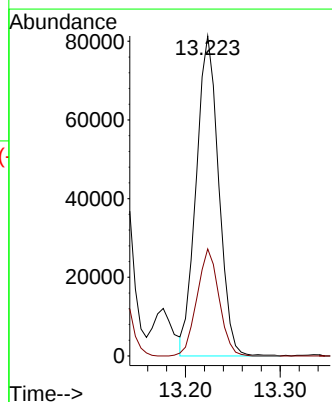
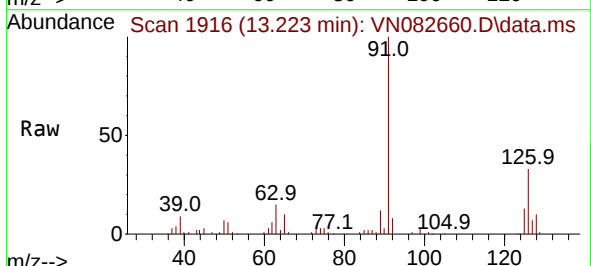
Manual Integrations
APPROVED

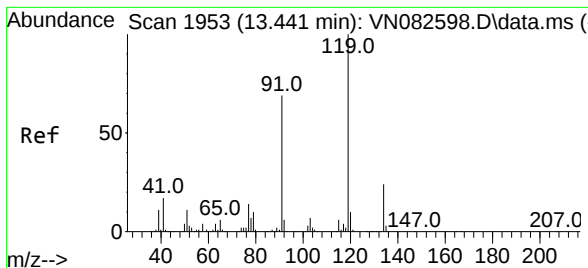
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024



#82
4-Chlorotoluene
Concen: 18.277 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN082660.D
Acq: 20 Jun 2024 11:56

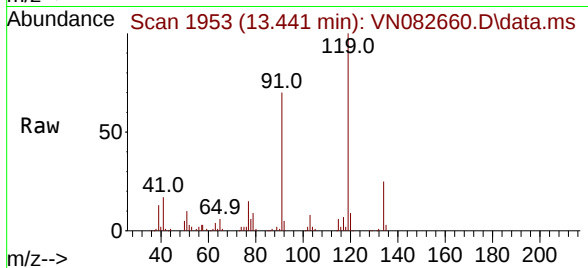
Tgt Ion: 91 Resp: 134050
Ion Ratio Lower Upper
91 100
126 32.8 16.2 48.6





#83
tert-Butylbenzene
Concen: 17.945 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN082660.D
Acq: 20 Jun 2024 11:56

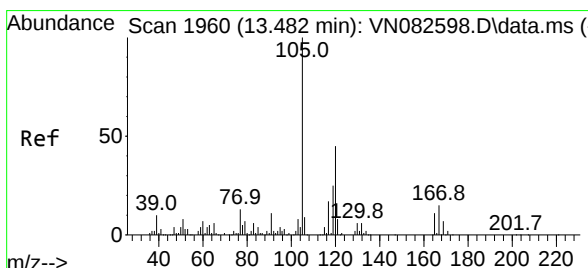
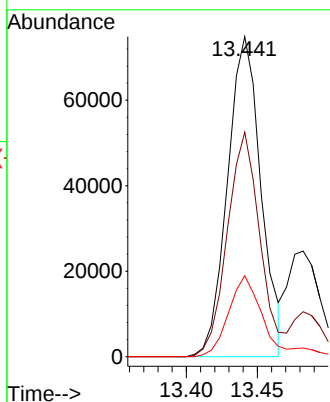
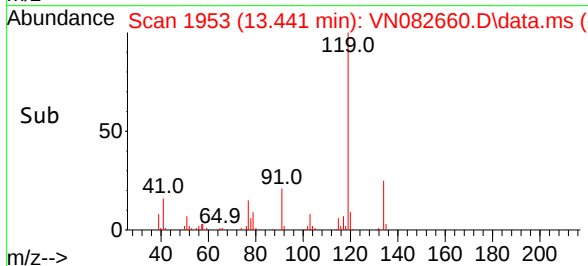
Instrument :
MSVOA_N
ClientSampleId :
VN0620WBSD01



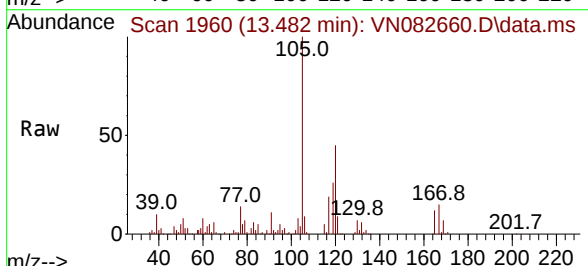
Tgt Ion:119 Resp: 122774
Ion Ratio Lower Upper
119 100
91 69.2 35.0 105.1
134 26.6 13.3 39.8

Manual Integrations
APPROVED

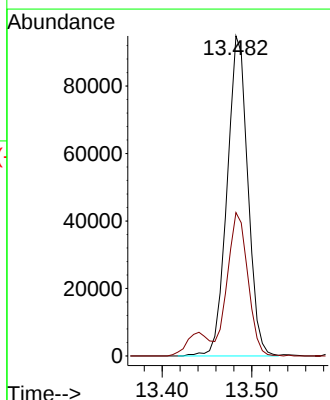
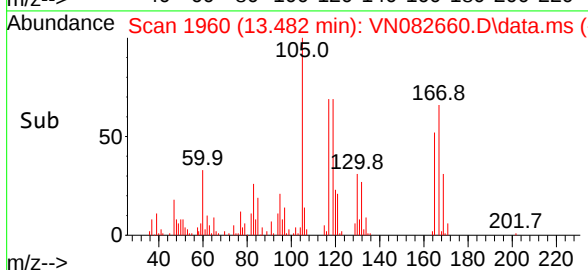
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024

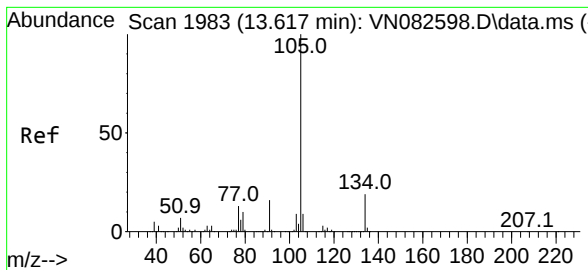


#84
1,2,4-Trimethylbenzene
Concen: 18.855 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN082660.D
Acq: 20 Jun 2024 11:56



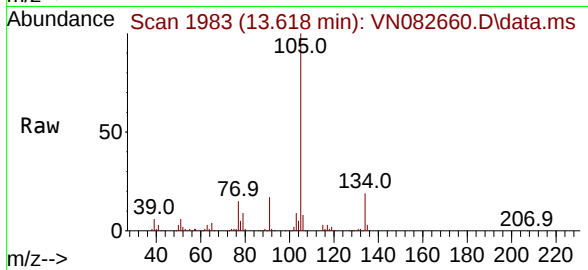
Tgt Ion:105 Resp: 151925
Ion Ratio Lower Upper
105 100
120 43.8 21.9 65.8





#85
 sec-Butylbenzene
 Concen: 18.200 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN082660.D
 Acq: 20 Jun 2024 11:56

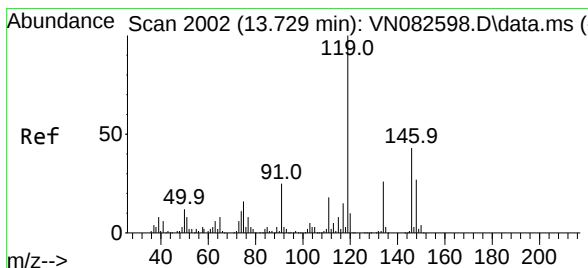
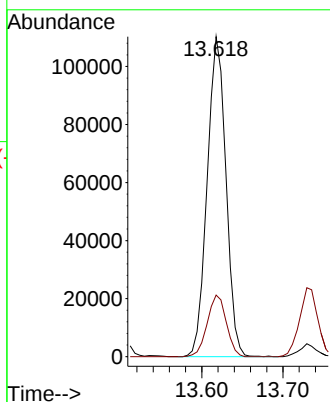
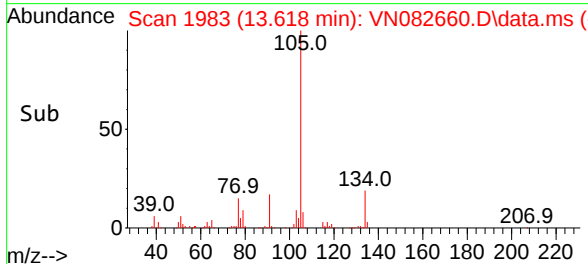
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0620WBSD01



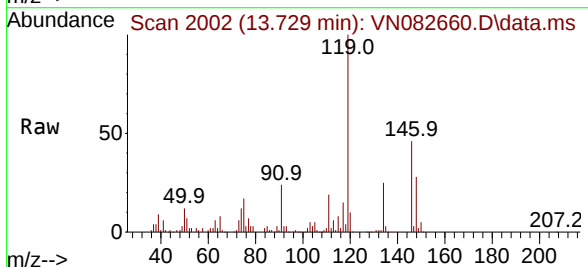
Tgt Ion:105 Resp: 17684
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.3

Manual Integrations
 APPROVED

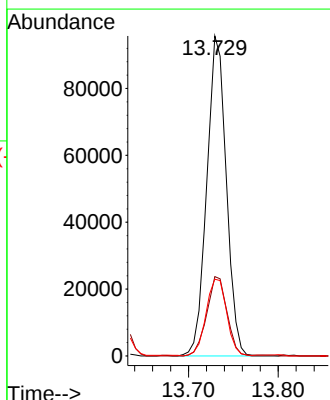
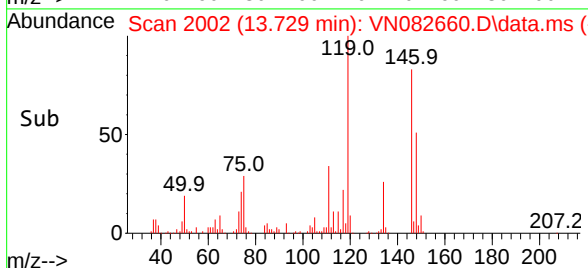
Reviewed By :John Carlone 06/21/2024
 Supervised By :Mahesh Dadoda 06/21/2024

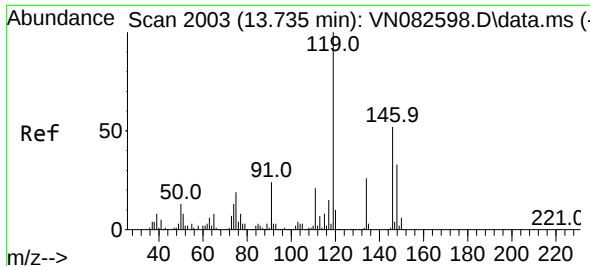


#86
 p-Isopropyltoluene
 Concen: 18.505 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN082660.D
 Acq: 20 Jun 2024 11:56



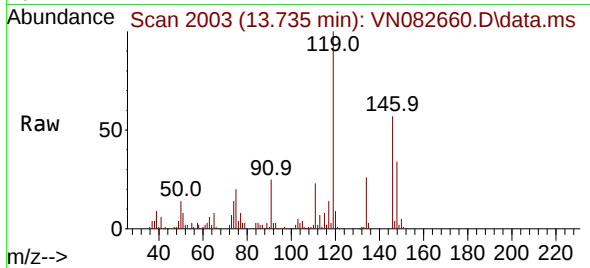
Tgt Ion:119 Resp: 144798
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.0 39.0
 91 25.4 12.3 36.9





#87
1,3-Dichlorobenzene
Concen: 18.242 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN082660.D
Acq: 20 Jun 2024 11:56

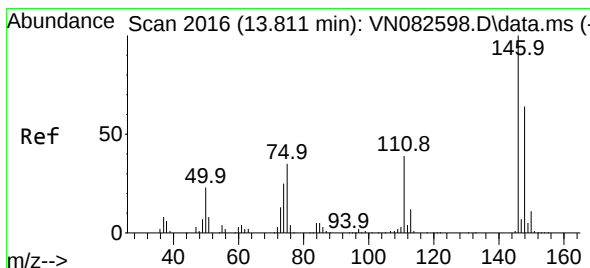
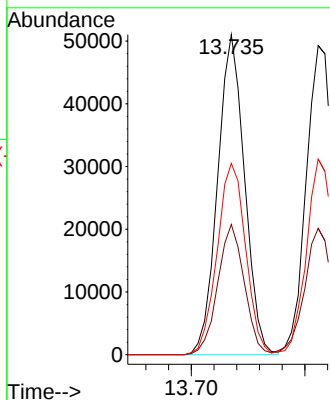
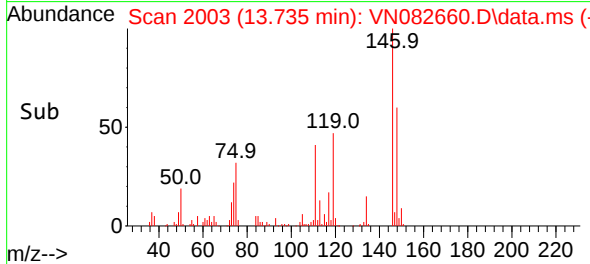
Instrument :
MSVOA_N
ClientSampleId :
VN0620WBSD01



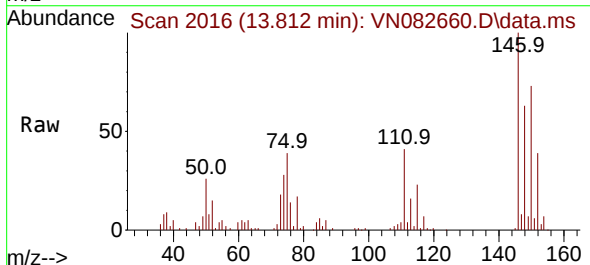
Tgt Ion:146 Resp: 8426
Ion Ratio Lower Upper
146 100
111 40.0 20.6 61.9
148 63.1 31.8 95.3

Manual Integrations
APPROVED

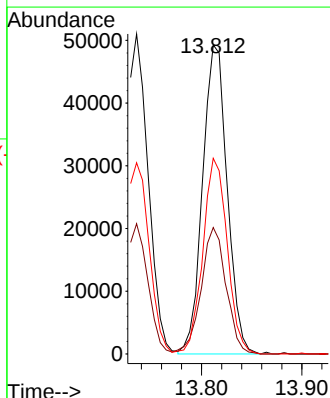
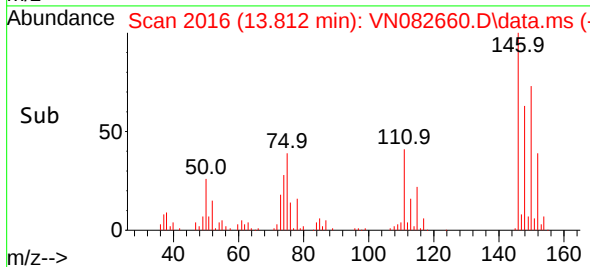
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024

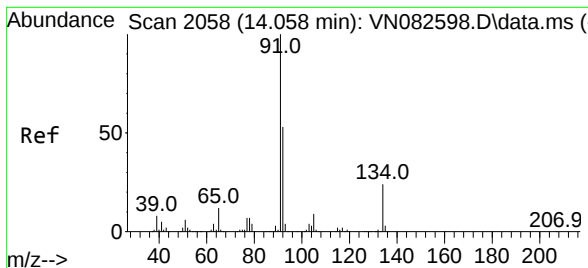


#88
1,4-Dichlorobenzene
Concen: 17.423 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN082660.D
Acq: 20 Jun 2024 11:56



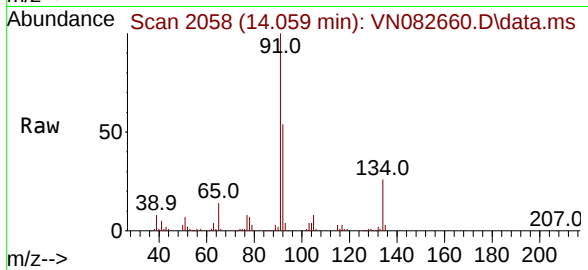
Tgt Ion:146 Resp: 84119
Ion Ratio Lower Upper
146 100
111 41.6 20.1 60.3
148 62.9 32.2 96.6





#89
n-Butylbenzene
Concen: 17.790 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN082660.D
Acq: 20 Jun 2024 11:56

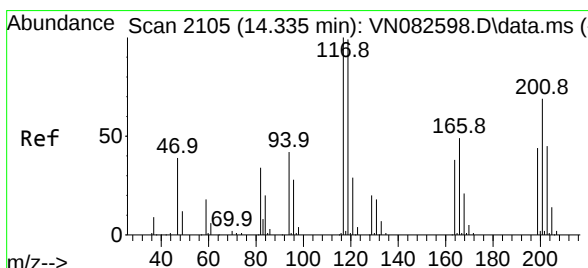
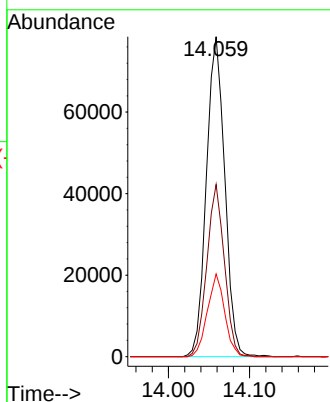
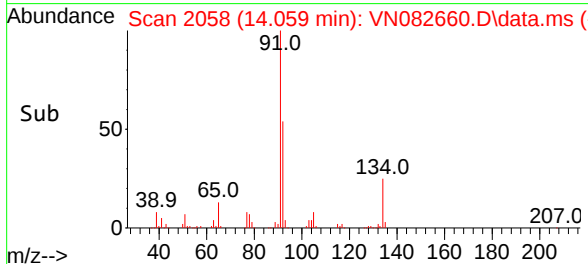
Instrument :
MSVOA_N
ClientSampleId :
VN0620WBSD01



Tgt Ion: 91 Resp: 12347
Ion Ratio Lower Upper
91 100
92 51.2 26.1 78.3
134 24.3 12.1 36.3

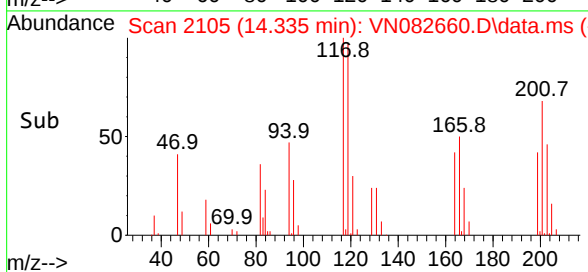
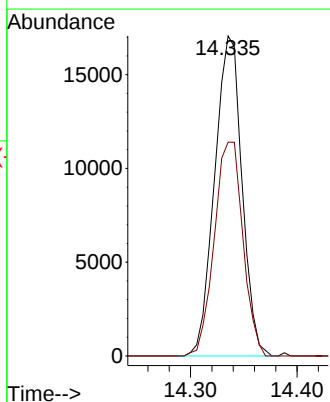
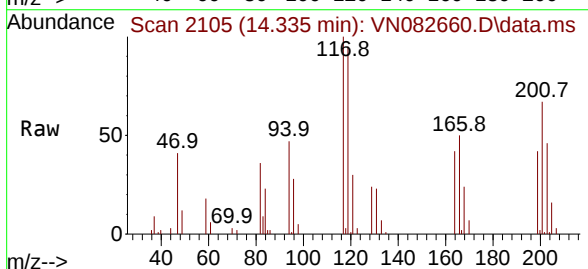
Manual Integrations
APPROVED

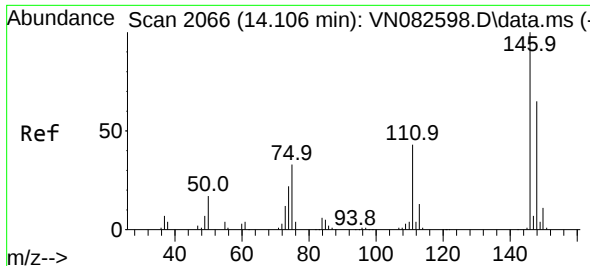
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024



#90
Hexachloroethane
Concen: 17.851 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN082660.D
Acq: 20 Jun 2024 11:56

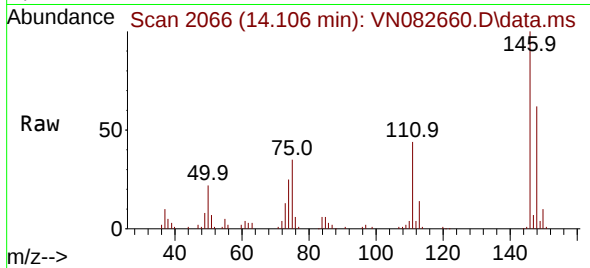
Tgt Ion:117 Resp: 30391
Ion Ratio Lower Upper
117 100
201 69.9 35.8 107.3





#91
1,2-Dichlorobenzene
Concen: 18.093 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN082660.D
Acq: 20 Jun 2024 11:56

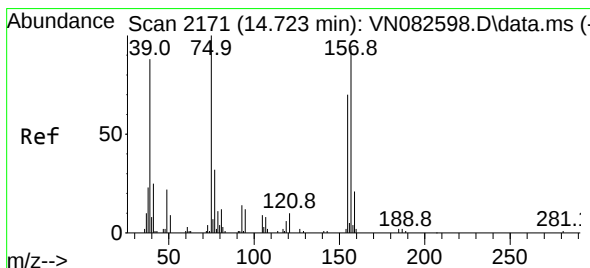
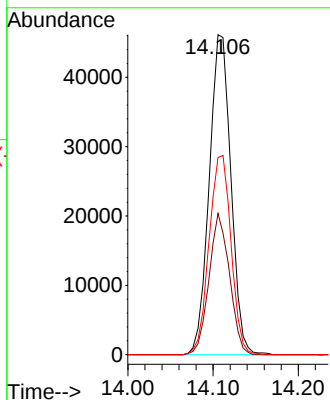
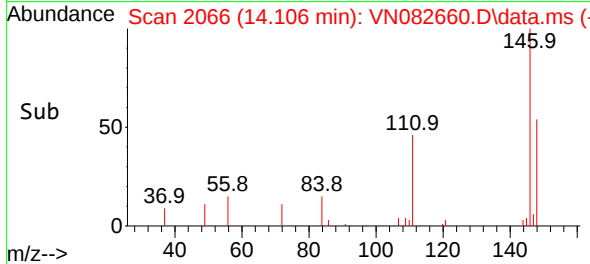
Instrument :
MSVOA_N
ClientSampleId :
VN0620WBSD01



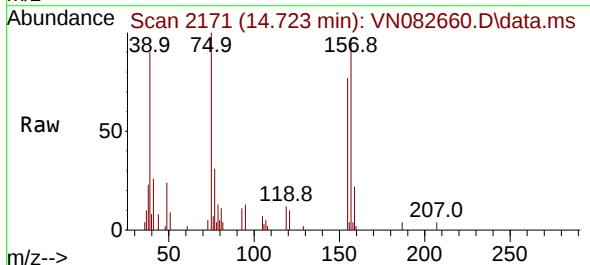
Tgt Ion:146 Resp: 8160
Ion Ratio Lower Upper
146 100
111 41.6 21.4 64.2
148 63.1 32.1 96.5

Manual Integrations
APPROVED

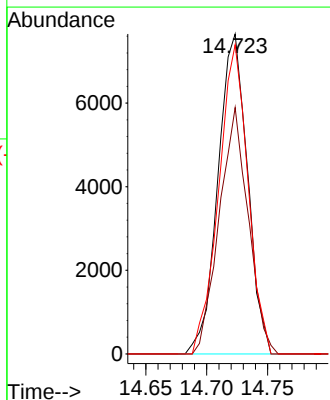
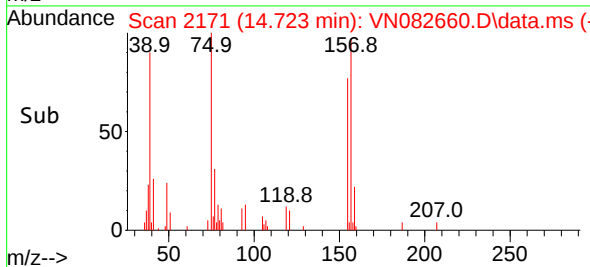
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024

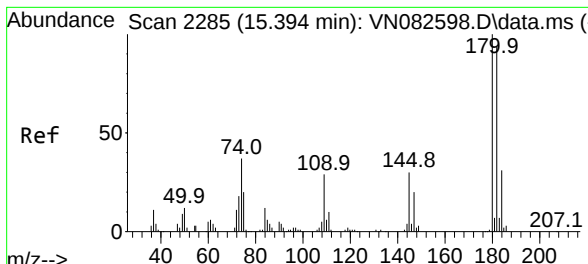


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.877 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN082660.D
Acq: 20 Jun 2024 11:56



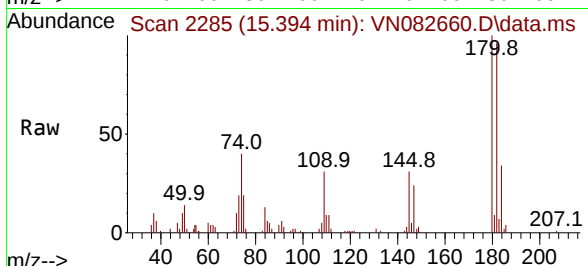
Tgt Ion: 75 Resp: 12898
Ion Ratio Lower Upper
75 100
155 76.1 36.6 109.8
157 95.9 46.9 140.6





#93
1,2,4-Trichlorobenzene
Concen: 17.289 ug/l
RT: 15.394 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VN082660.D
Acq: 20 Jun 2024 11:56

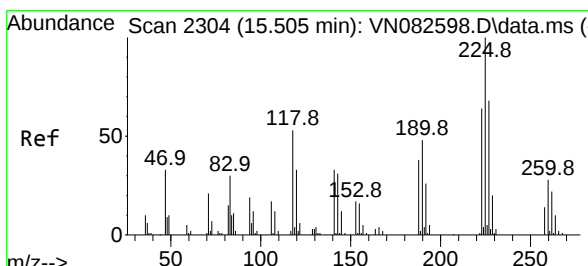
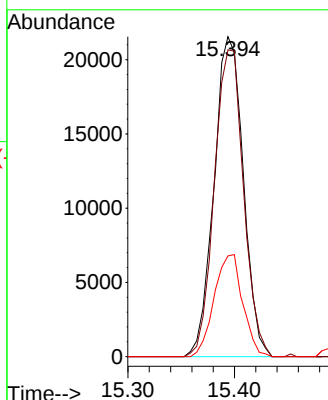
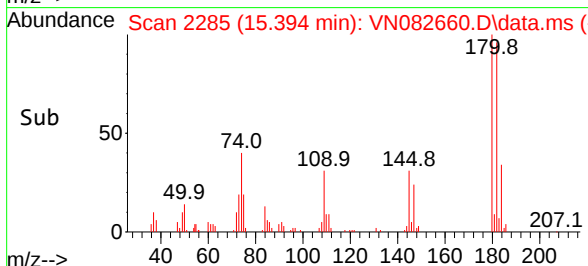
Instrument :
MSVOA_N
ClientSampleId :
VN0620WBSD01



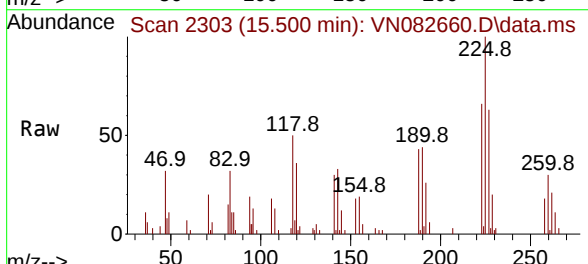
Tgt Ion:180 Resp: 4111
Ion Ratio Lower Upper
180 100
182 95.6 47.3 141.8
145 31.1 15.7 47.1

Manual Integrations
APPROVED

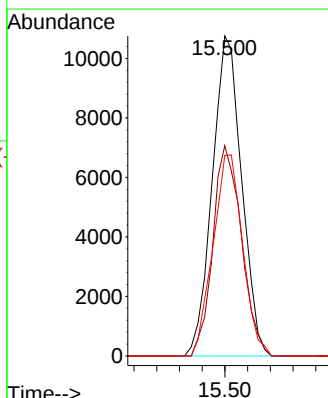
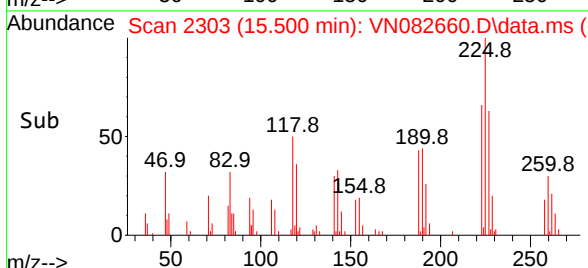
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024

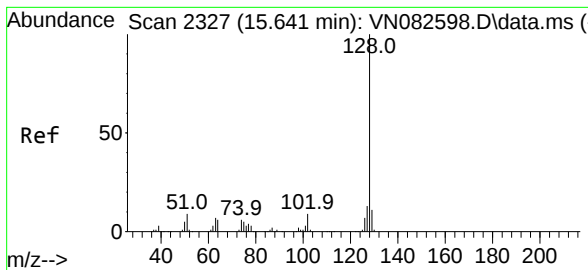


#94
Hexachlorobutadiene
Concen: 16.440 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.005 min
Lab File: VN082660.D
Acq: 20 Jun 2024 11:56



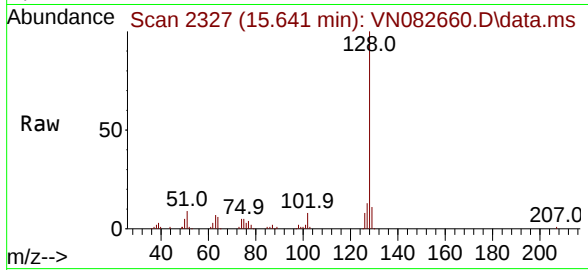
Tgt Ion:225 Resp: 19278
Ion Ratio Lower Upper
225 100
223 63.8 31.9 95.7
227 63.6 32.5 97.5





#95
Naphthalene
Concen: 17.638 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN082660.D
Acq: 20 Jun 2024 11:56

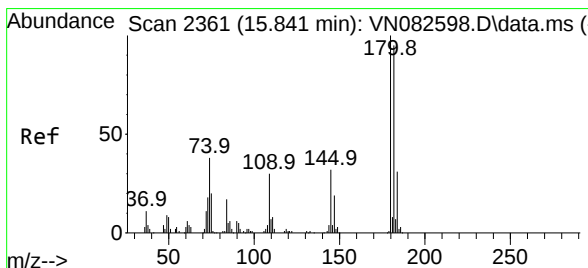
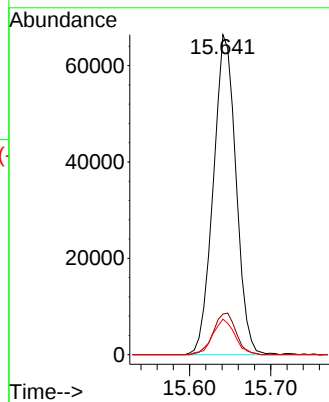
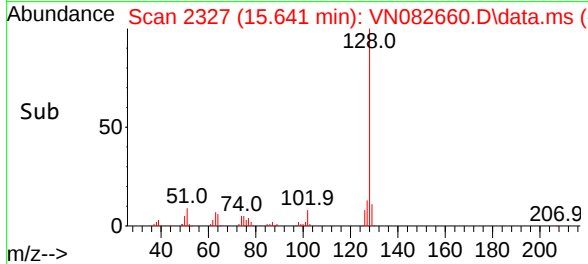
Instrument :
MSVOA_N
ClientSampleId :
VN0620WBSD01



Tgt Ion:128 Resp: 12905
Ion Ratio Lower Upper
128 100
127 13.1 10.6 16.0
129 10.9 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024



#96
1,2,3-Trichlorobenzene
Concen: 17.122 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN082660.D
Acq: 20 Jun 2024 11:56

Tgt Ion:180 Resp: 41498
Ion Ratio Lower Upper
180 100
182 98.0 48.9 146.8
145 32.9 16.8 50.4

