

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050624\
 Data File : VN082002.D
 Acq On : 06 May 2024 11:49
 Operator : JC\MD
 Sample : VN0506WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 07 00:25:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Apr 27 04:37:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	39392	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	233901	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	201300	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	101002	30.624	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 102.067%			
60) 4-Bromofluorobenzene	12.847	95	99969	29.841	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 99.467%			
63) Toluene-d8	10.565	98	296216	30.986	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 103.300%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	42081	18.819	ug/l	93
3) Chloromethane	2.359	50	46760	18.032	ug/l	96
4) Vinyl Chloride	2.518	62	47627	19.442	ug/l	95
5) Bromomethane	2.965	94	23750	18.579	ug/l	99
6) Chloroethane	3.118	64	28062	20.229	ug/l #	83
7) Trichlorofluoromethane	3.501	101	65700	18.328	ug/l	96
8) Diethyl Ether	3.959	74	32332	18.632	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.365	101	23992	9.763	ug/l #	19
10) 1,1-Dichloroethene	4.336	96	43823	18.228	ug/l	83
11) Methyl Iodide	4.589	142	24222	11.024	ug/l	88
12) Methyl Acetate	5.030	43	66844	22.204	ug/l #	76
13) Acrolein	4.177	56	52781	82.496	ug/l	99
14) Acrylonitrile	5.718	53	147060	107.036	ug/l	94
15) Acetone	4.430	58	34974	113.598	ug/l	91
16) Carbon Disulfide	4.712	76	118914	17.853	ug/l	97
17) Allyl chloride	5.024	41	78257	18.540	ug/l	80
18) Methylene Chloride	5.283	84	51822	18.944	ug/l #	85
19) trans-1,2-Dichloroethene	5.783	96	47557	19.004	ug/l	96
20) Diisopropyl ether	6.671	45	181284	19.411	ug/l	96
21) 1,1-Dichloroethane	6.565	63	98864	19.993	ug/l	96
22) cis-1,2-Dichloroethene	7.489	96	58672	19.240	ug/l	91
23) tert-Butyl Alcohol	5.518	59	57698	101.952	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	163827	18.901	ug/l #	86
25) Chloroform	7.965	83	92040	19.347	ug/l	97
26) Cyclohexane	8.259	56	82227	19.229	ug/l #	91
29) 1,1-Dichloropropene	8.377	75	68025	19.535	ug/l	96
30) 2-Butanone	7.489	43	187961	104.715	ug/l	95
31) 2,2-Dichloropropane	7.489	77	83226	23.322	ug/l #	53
32) 1,1,1-Trichloroethane	8.165	97	78240	19.536	ug/l	93
33) Carbon Tetrachloride	8.365	117	60073	18.483	ug/l #	92
34) Benzene	8.612	78	221903	19.975	ug/l	98
35) Methacrylonitrile	7.777	41	43005	18.937	ug/l	94
36) 1,2-Dichloroethane	8.671	62	68348	18.328	ug/l	98
37) Trichloroethene	9.359	130	47273	17.374	ug/l	92
38) Methylcyclohexane	9.606	83	79323	18.857	ug/l	94
39) 1,2-Dichloropropane	9.624	63	55894	19.609	ug/l	96
40) Dibromomethane	9.712	93	37037	20.225	ug/l	87
41) Bromodichloromethane	9.888	83	74641	19.070	ug/l #	90
42) Vinyl Acetate	6.606	43	814930	106.665	ug/l #	94

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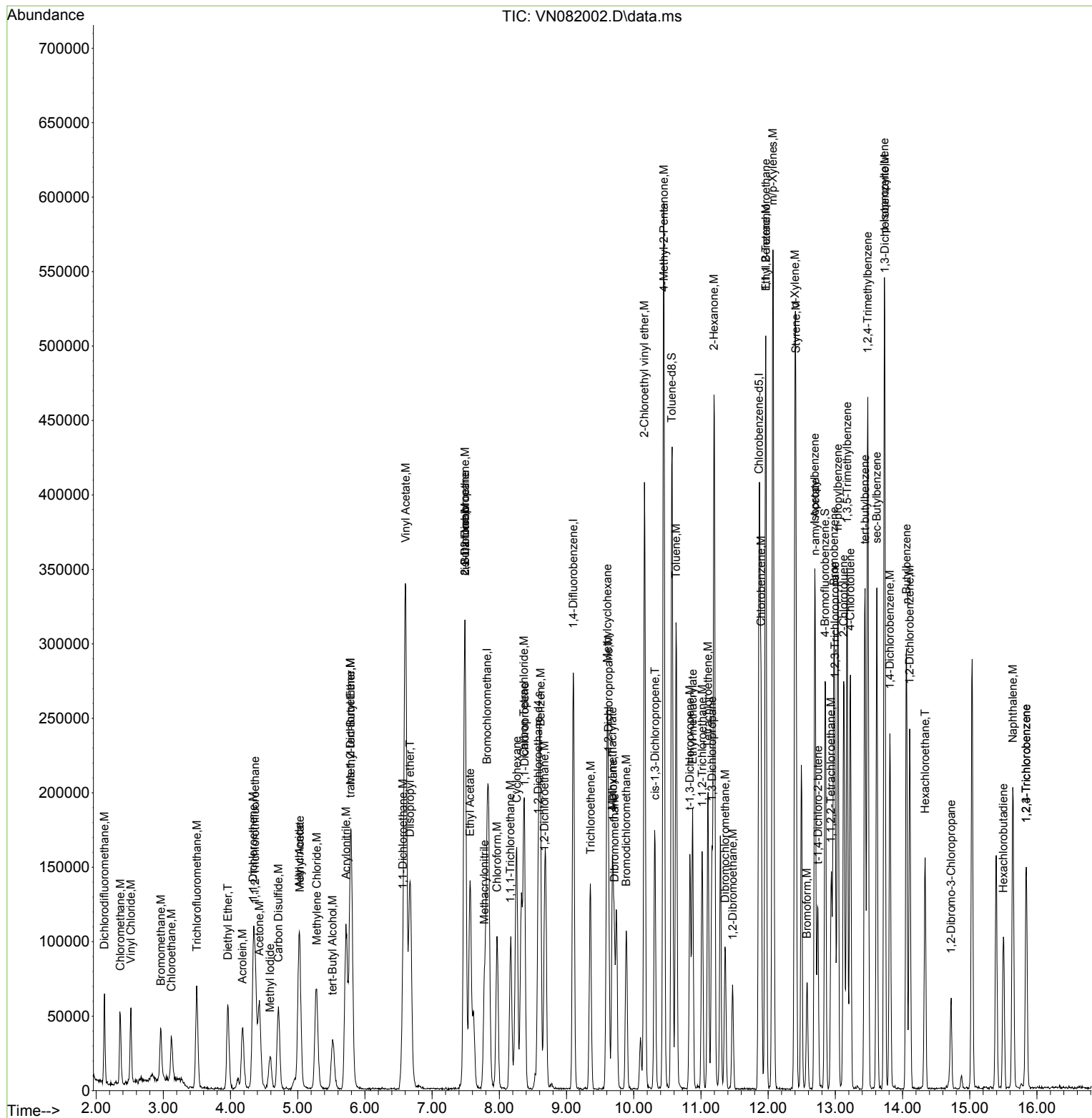
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.565	43	77695	19.852	ug/l	97
45) 1,4-Dioxane	9.694	88	22233	399.007	ug/l #	84
46) Methyl methacrylate	9.683	41	61769	19.459	ug/l	85
47) n-amyl Acetate	12.700	43	2234	0.356	ug/l	91
48) t-1,3-Dichloropropene	10.835	75	82266	19.382	ug/l	90
49) cis-1,3-Dichloropropene	10.318	75	89406	19.923	ug/l #	85
50) 1,1,2-Trichloroethane	11.018	97	49917	20.092	ug/l	90
51) Ethyl methacrylate	10.877	69	90313	19.261	ug/l	82
52) 1,3-Dichloropropane	11.165	76	91374	20.019	ug/l	99
53) Dibromochloromethane	11.359	129	51372	19.005	ug/l	94
54) 1,2-Dibromoethane	11.471	107	46760	18.872	ug/l	99
55) 2-Chloroethyl vinyl ether	10.159	63	179828	76.696	ug/l	97
56) Bromoform	12.576	173	28943	17.593	ug/l	98
58) 4-Methyl-2-Pentanone	10.447	43	410983	105.147	ug/l #	87
59) 2-Hexanone	11.194	43	313074	108.030	ug/l #	87
61) Tetrachloroethene	11.106	164	39578	17.719	ug/l	97
62) Toluene	10.630	91	224182	19.793	ug/l	98
64) Chlorobenzene	11.894	112	135855	19.611	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.965	131	42550	18.766	ug/l	92
66) Ethyl Benzene	11.965	91	248033	19.978	ug/l	100
67) m/p-Xylenes	12.071	106	189980	41.272	ug/l	96
68) o-Xylene	12.400	106	89457	19.643	ug/l	97
69) Styrene	12.412	104	150160	19.642	ug/l	97
70) Isopropylbenzene	12.694	105	231594	20.023	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.935	83	74409	22.355	ug/l	97
72) 1,2,3-Trichloropropane	12.994	75	100333	32.243	ug/l	57
73) Bromobenzene	12.982	156	46783	18.895	ug/l	80
74) n-propylbenzene	13.035	91	274941	20.148	ug/l	99
75) 2-Chlorotoluene	13.123	91	165197	19.569	ug/l	99
76) 1,3,5-Trimethylbenzene	13.176	105	187494	20.027	ug/l	99
77) t-1,4-Dichloro-2-butene	12.741	75	30289	21.869	ug/l	87
78) 4-Chlorotoluene	13.223	91	165251	19.981	ug/l	99
79) tert-butylbenzene	13.441	119	157030	19.481	ug/l	99
80) 1,2,4-Trimethylbenzene	13.482	105	184492	19.619	ug/l	99
81) sec-Butylbenzene	13.618	105	225634	19.969	ug/l	100
82) p-Isopropyltoluene	13.729	119	181384	20.301	ug/l	98
83) 1,3-Dichlorobenzene	13.735	146	89318	20.034	ug/l	98
84) 1,4-Dichlorobenzene	13.812	146	88134	19.668	ug/l	97
85) n-Butylbenzene	14.059	91	172750	21.166	ug/l	97
86) Hexachloroethane	14.335	117	36003	20.209	ug/l	74
87) 1,2-Dichlorobenzene	14.106	146	87743	19.761	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.723	75	15536	20.800	ug/l #	83
89) 1,2,4-Trichlorobenzene	15.841	180	45891	18.770	ug/l	97
90) Hexachlorobutadiene	15.500	225	17165	18.956	ug/l	78
91) Naphthalene	15.641	128	181557	19.534	ug/l	98
92) 1,2,3-Trichlorobenzene	15.841	180	45891	18.770	ug/l	97

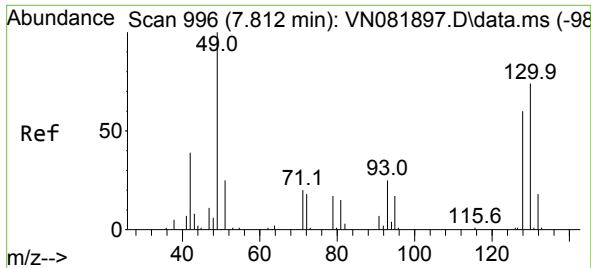
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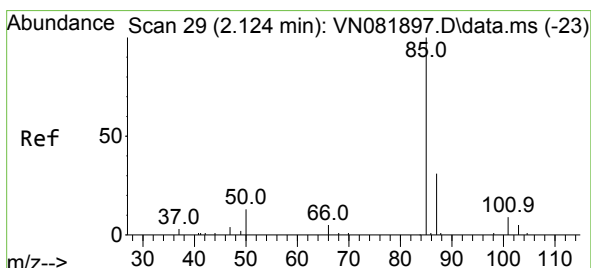
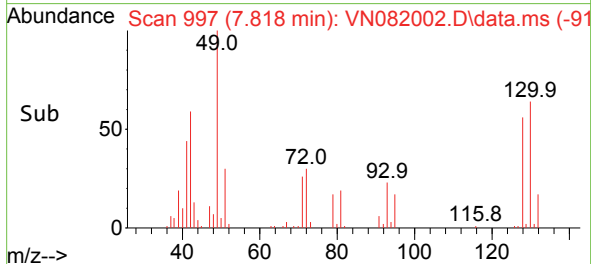
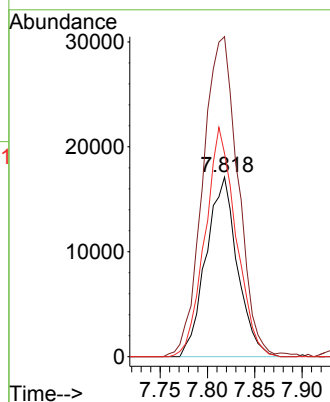
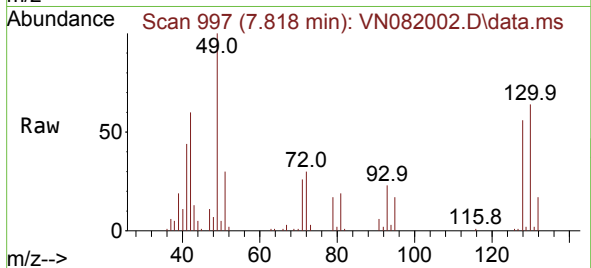




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 996
Delta R.T. 0.006 min
Lab File: VN082002.D
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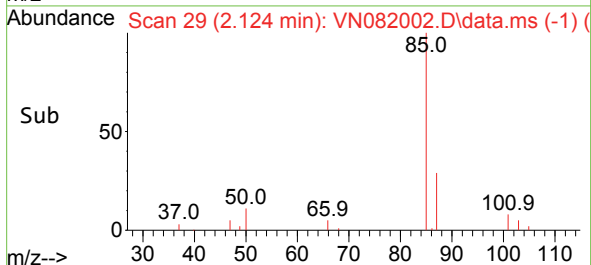
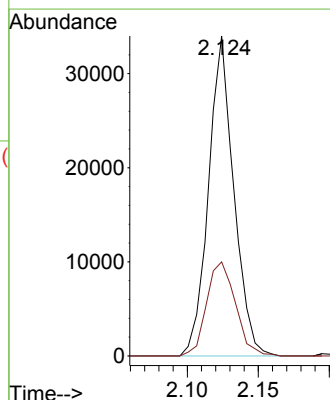
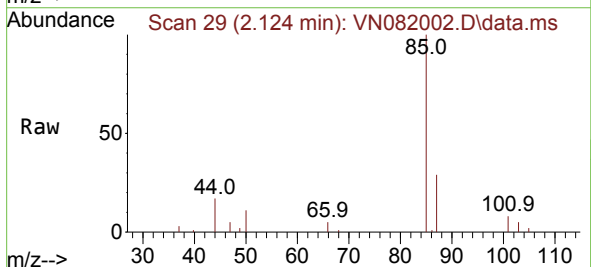
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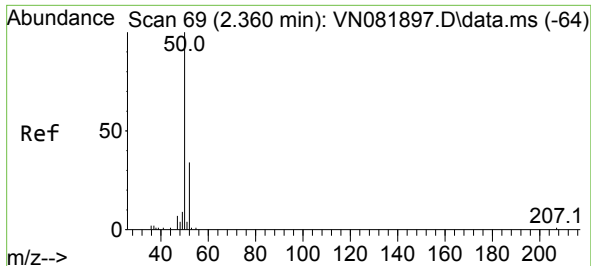
Tgt Ion:128 Resp: 39392
Ion Ratio Lower Upper
128 100
49 200.1 0.0 403.7
130 126.7 0.0 323.3



#2
Dichlorodifluoromethane
Concen: 18.819 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN082002.D
Acq: 06 May 2024 11:49

Tgt Ion: 85 Resp: 42081
Ion Ratio Lower Upper
85 100
87 29.4 16.8 50.3

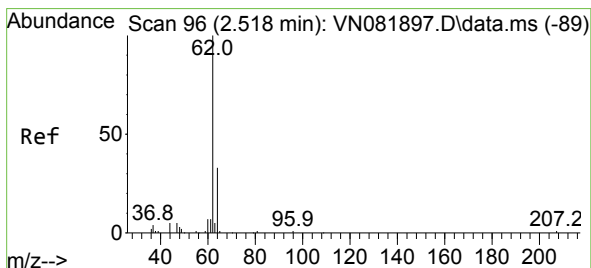
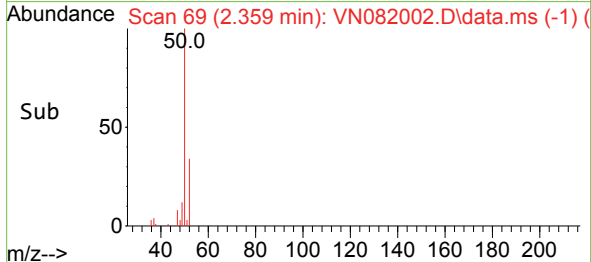
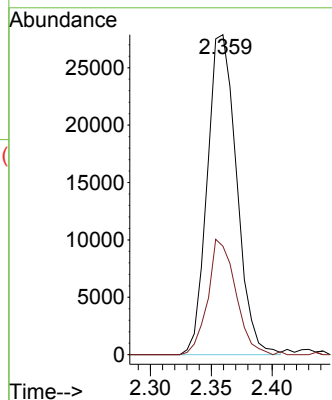
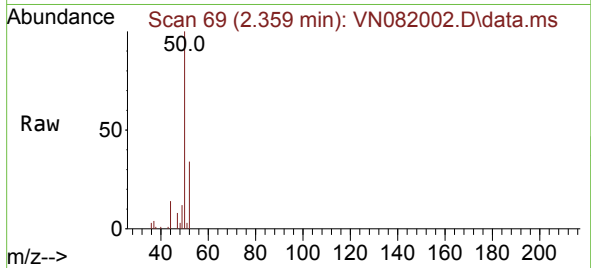




#3
Chloromethane
Concen: 18.032 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN082002.D
Acq: 06 May 2024 11:49

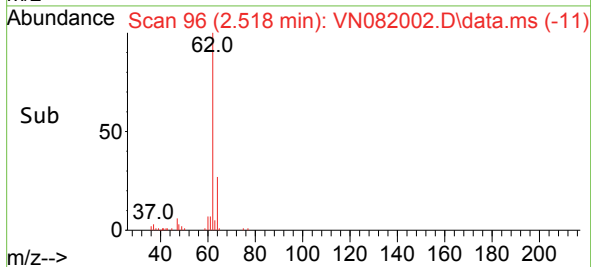
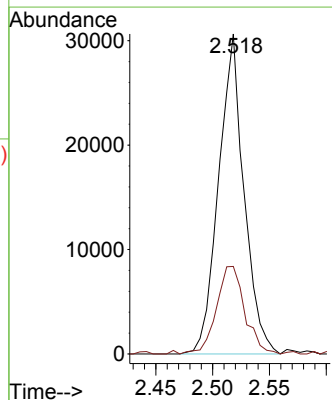
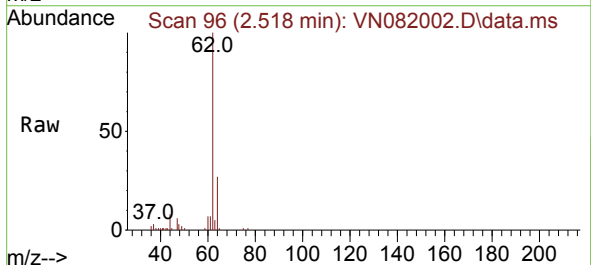
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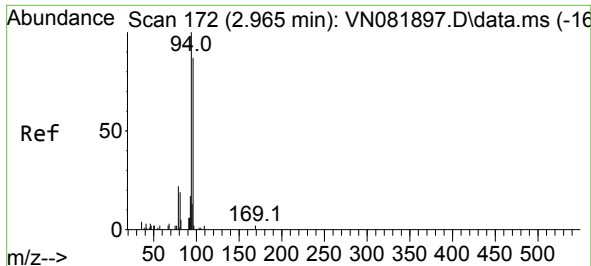
Tgt Ion: 50 Resp: 46760
Ion Ratio Lower Upper
50 100
52 33.9 25.4 38.0



#4
Vinyl Chloride
Concen: 19.442 ug/l
RT: 2.518 min Scan# 96
Delta R.T. -0.000 min
Lab File: VN082002.D
Acq: 06 May 2024 11:49

Tgt Ion: 62 Resp: 47627
Ion Ratio Lower Upper
62 100
64 27.4 24.1 36.1

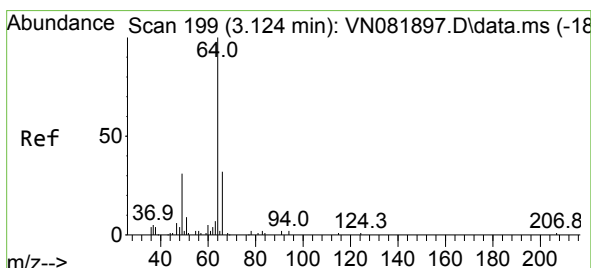
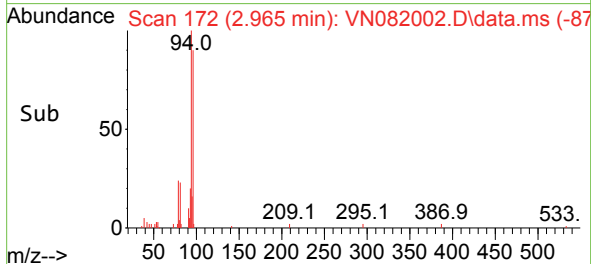
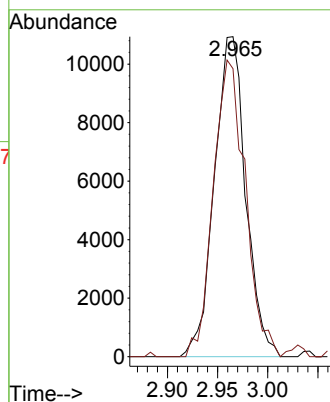
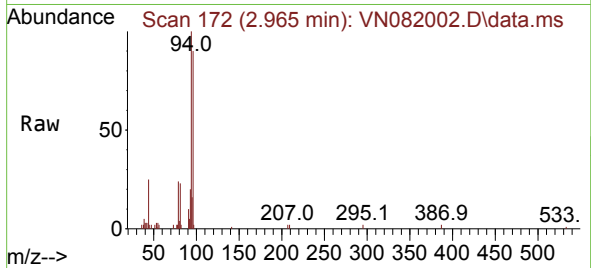




#5
Bromomethane
Concen: 18.579 ug/l
RT: 2.965 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082002.D
Acq: 06 May 2024 11:49

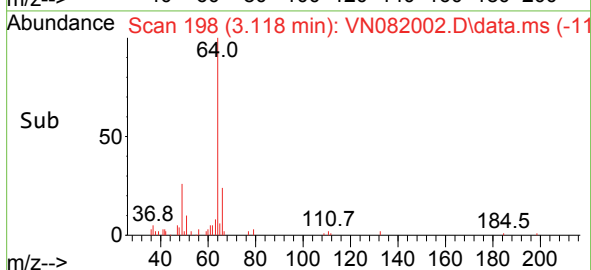
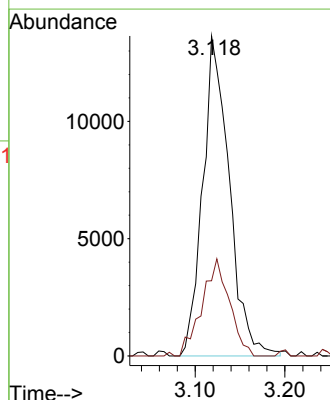
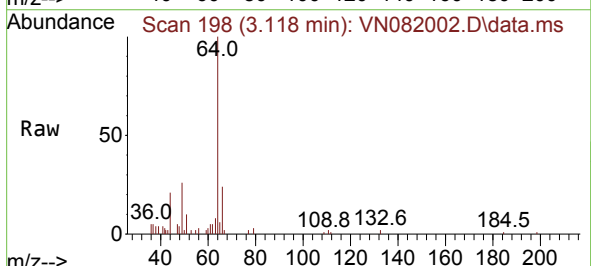
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MSVOA_N
ClientSampleId :

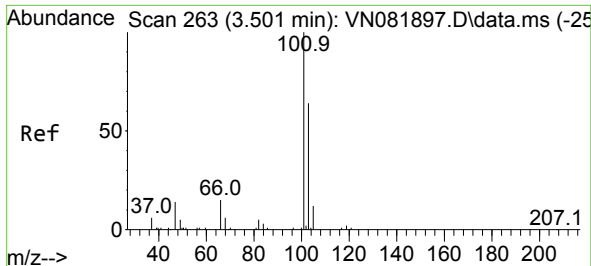
Tgt Ion: 94 Resp: 23750
Ion Ratio Lower Upper
94 100
96 90.0 72.8 109.2



#6
Chloroethane
Concen: 20.229 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN082002.D
Acq: 06 May 2024 11:49

Tgt Ion: 64 Resp: 28062
Ion Ratio Lower Upper
64 100
66 23.5 26.7 40.1#

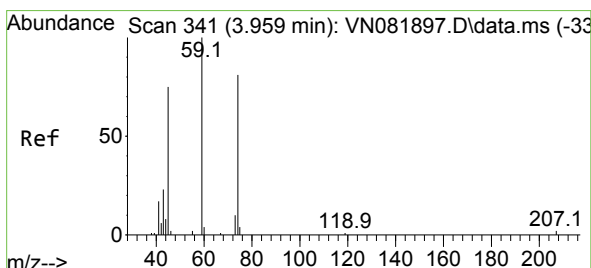
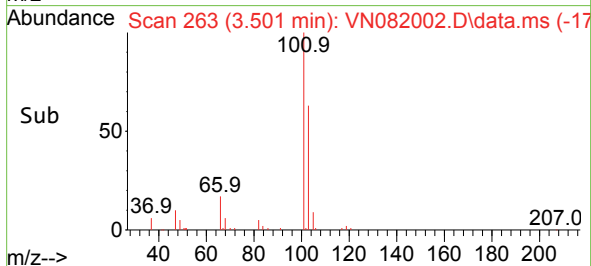
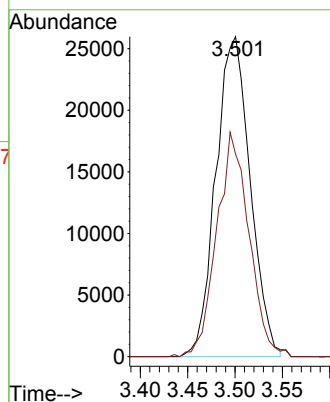
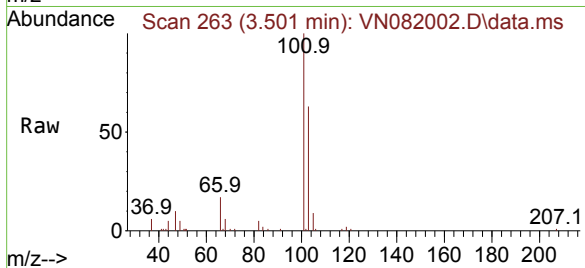




#7
 Trichlorofluoromethane
 Concen: 18.328 ug/l
 RT: 3.501 min Scan# 263
 Delta R.T. -0.000 min
 Lab File: VN082002.D
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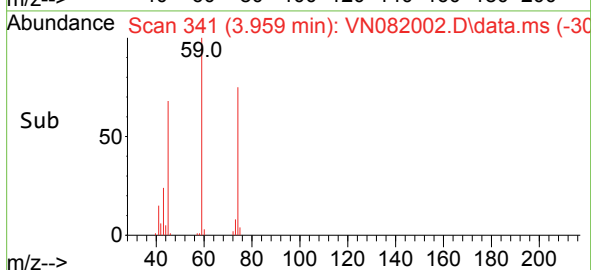
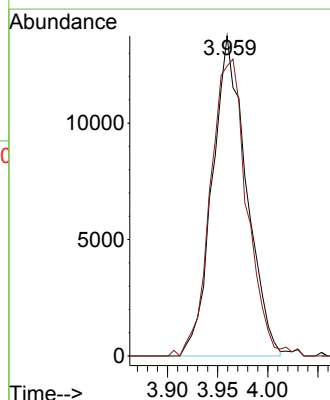
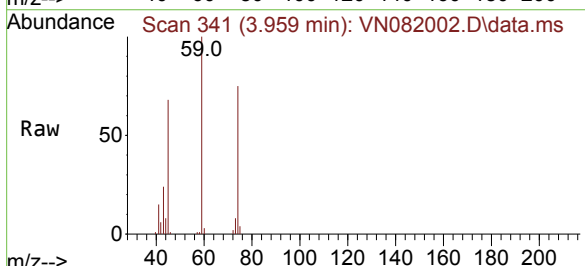
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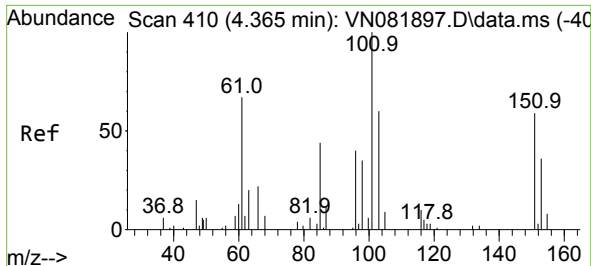
Tgt Ion:101 Resp: 65700
 Ion Ratio Lower Upper
 101 100
 103 63.3 53.0 79.4



#8
 Diethyl Ether
 Concen: 18.632 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VN082002.D
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Tgt Ion: 74 Resp: 32332
 Ion Ratio Lower Upper
 74 100
 45 99.0 16.4 147.4

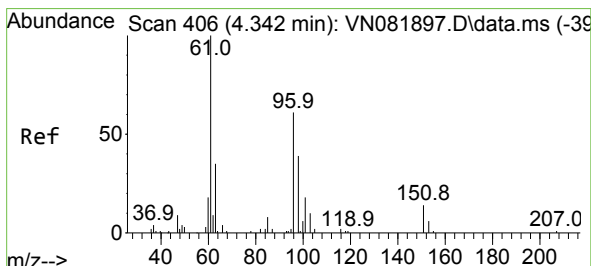
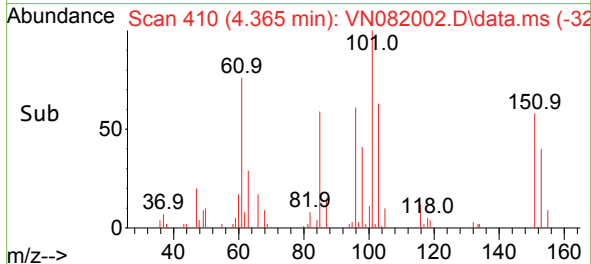
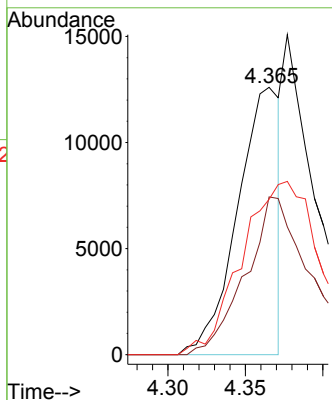
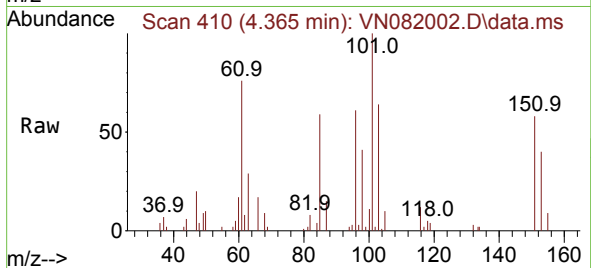




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.763 ug/l
 RT: 4.365 min Scan# 410
 Delta R.T. -0.000 min
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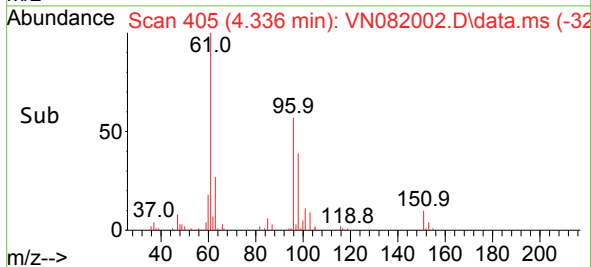
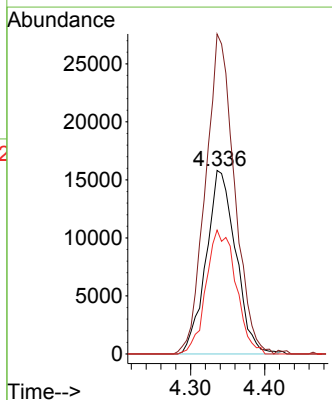
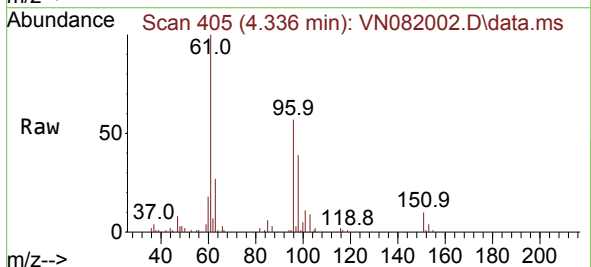
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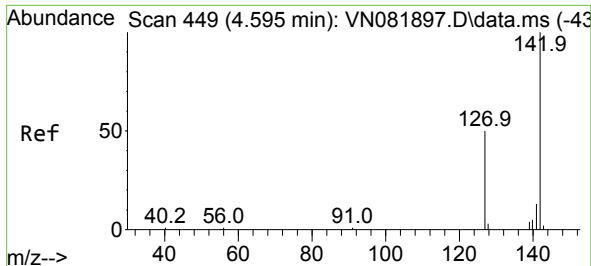
Tgt Ion:101 Resp: 23992
 Ion Ratio Lower Upper
 101 100
 85 88.1 0.0 90.6
 151 0.0 0.0 157.6



#10
 1,1-Dichloroethene
 Concen: 18.228 ug/l
 RT: 4.336 min Scan# 405
 Delta R.T. -0.006 min
 Lab File: VN082002.D
 Acq: 06 May 2024 11:49

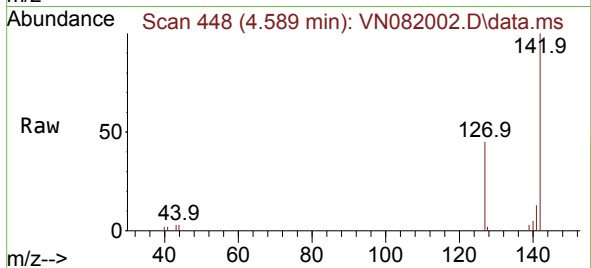
Tgt Ion: 96 Resp: 43823
 Ion Ratio Lower Upper
 96 100
 61 173.1 117.6 176.4
 98 67.5 48.4 72.6



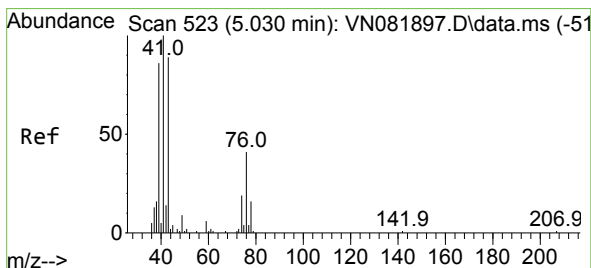
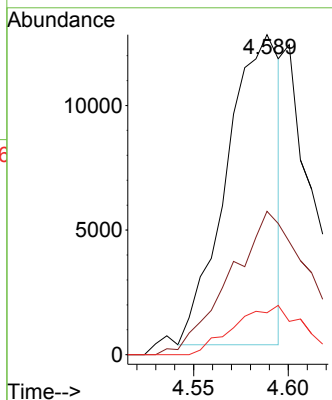
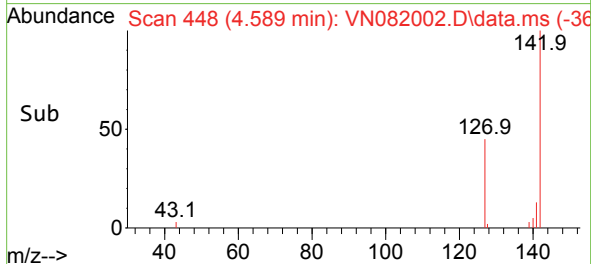


#11
Methyl Iodide
Concen: 11.024 ug/l
RT: 4.589 min Scan# 449
Delta R.T. -0.006 min
Lab File: VN082002.D
Acq: 06 May 2024 11:49

Instrument :
MSVOA_N
ClientSampleId :

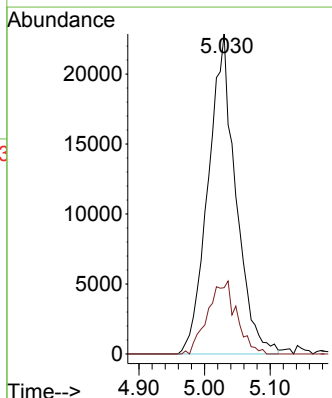
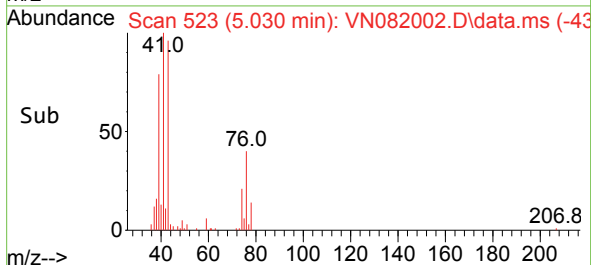
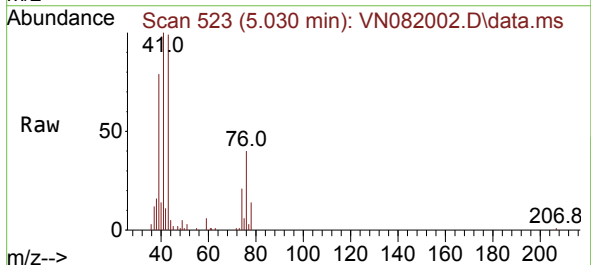


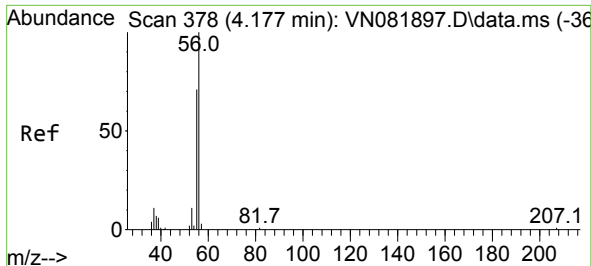
Tgt Ion:142 Resp: 24222
Ion Ratio Lower Upper
142 100
127 45.0 26.3 78.9
141 10.4 8.3 24.9



#12
Methyl Acetate
Concen: 22.204 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.000 min
Lab File: VN082002.D
Acq: 06 May 2024 11:49

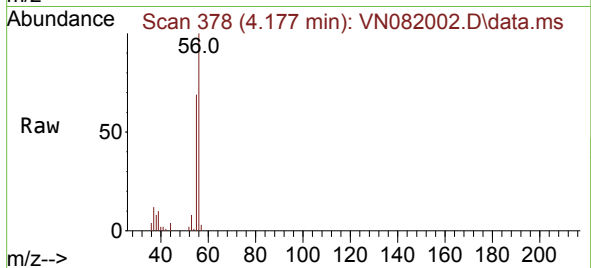
Tgt Ion: 43 Resp: 66844
Ion Ratio Lower Upper
43 100
74 20.8 27.7 41.5#



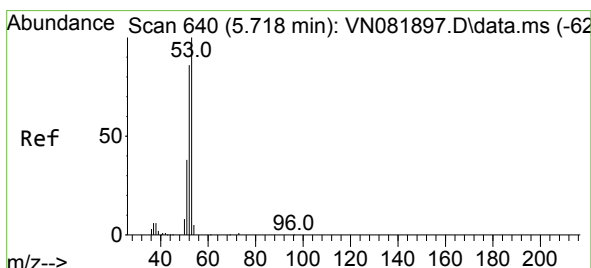
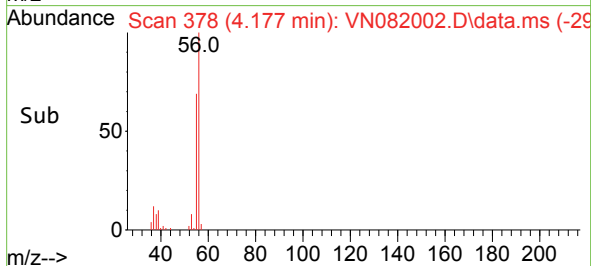
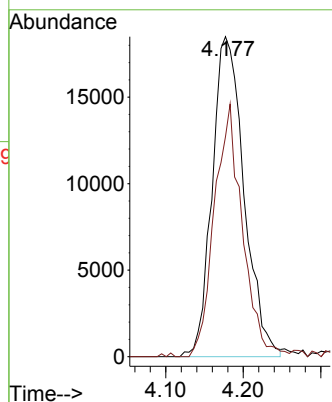


#13
Acrolein
Concen: 82.496 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN082002.D
Acq: 06 May 2024 11:49

Instrument :
MSVOA_N
ClientSampleId :

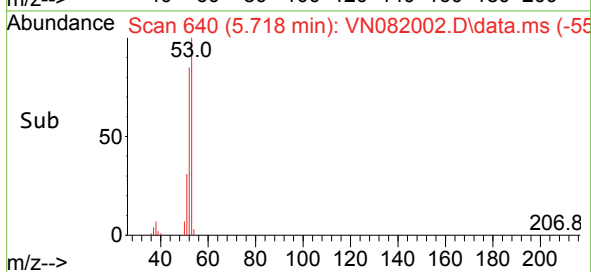
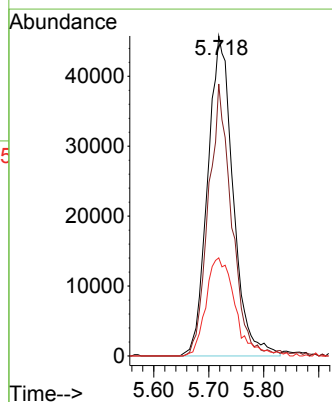
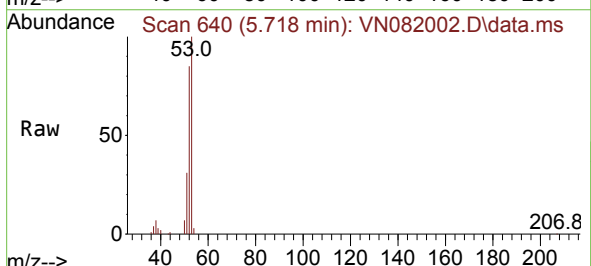


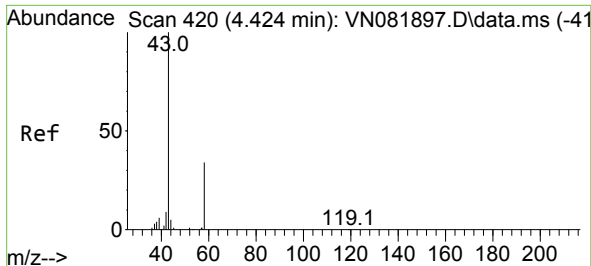
Tgt Ion: 56 Resp: 52781
Ion Ratio Lower Upper
56 100
55 68.3 55.5 83.3



#14
Acrylonitrile
Concen: 107.036 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN082002.D
Acq: 06 May 2024 11:49

Tgt Ion: 53 Resp: 147060
Ion Ratio Lower Upper
53 100
52 76.1 41.3 123.9
51 34.9 16.8 50.3

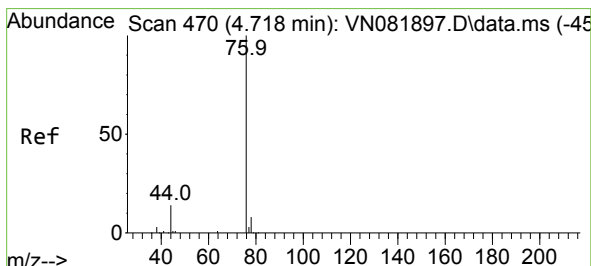
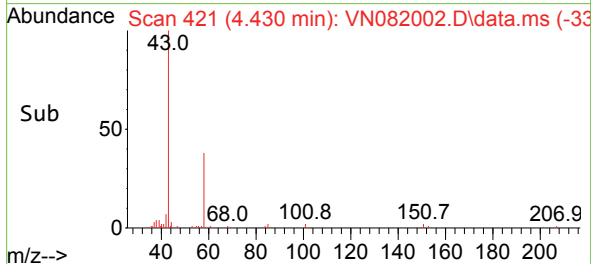
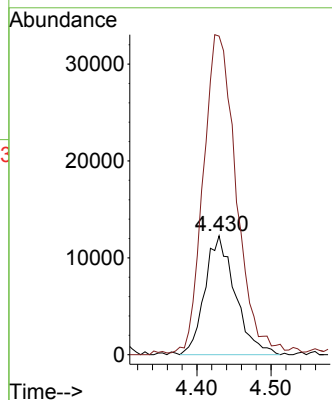
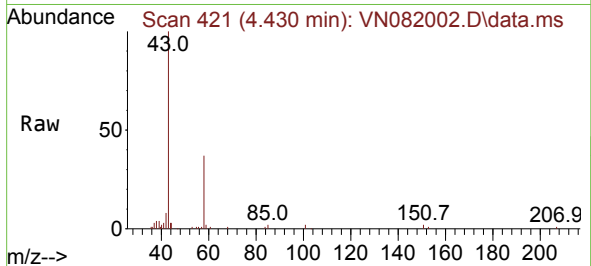




#15
Acetone
Concen: 113.598 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN082002.D
Acq: 06 May 2024 11:49

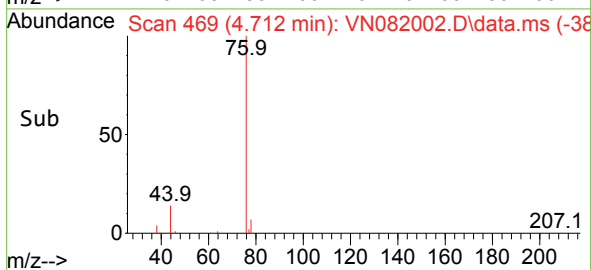
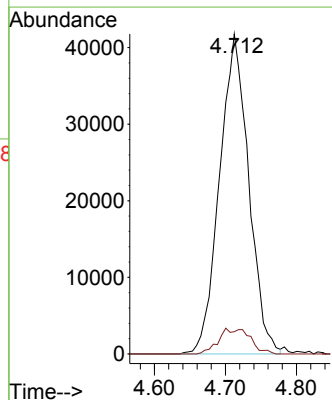
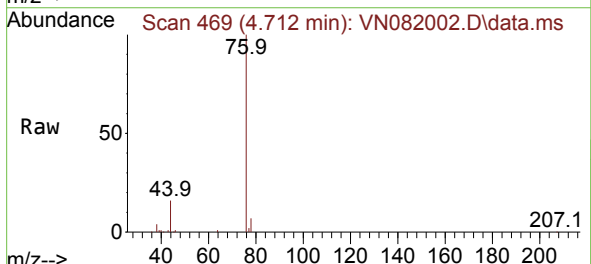
Instrument :
MSVOA_N
ClientSampleId :

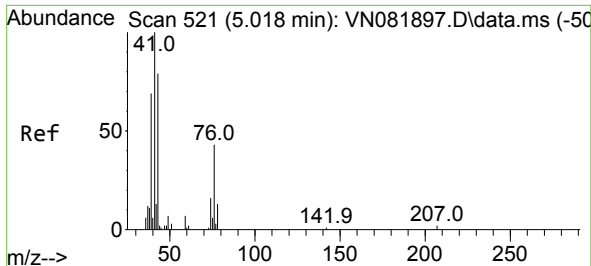
Tgt Ion: 58 Resp: 34974
Ion Ratio Lower Upper
58 100
43 261.6 223.1 334.7



#16
Carbon Disulfide
Concen: 17.853 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.006 min
Lab File: VN082002.D
Acq: 06 May 2024 11:49

Tgt Ion: 76 Resp: 118914
Ion Ratio Lower Upper
76 100
78 7.0 6.3 9.5





#17

Allyl chloride

Concen: 18.540 ug/l

RT: 5.024 min Scan# 51

Delta R.T. 0.006 min

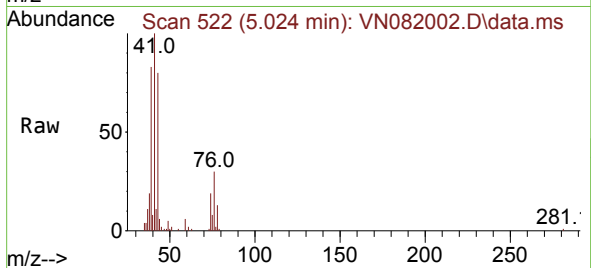
Lab File: VN082002.D

Acq: 06 May 2024 11:49

Instrument :

MSVOA_N

ClientSampleId :



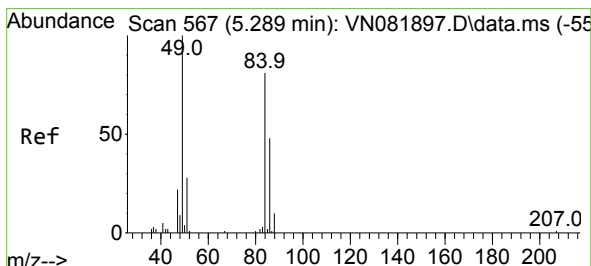
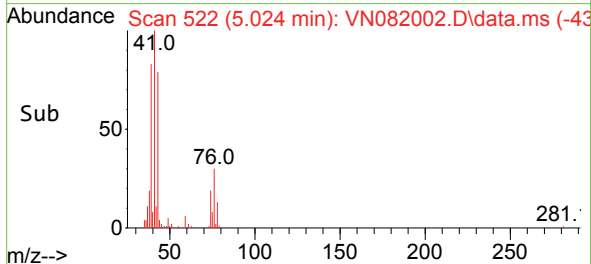
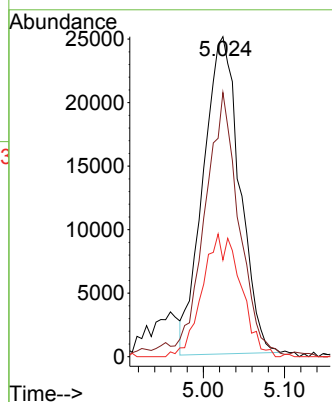
Tgt Ion: 41 Resp: 78257

Ion Ratio Lower Upper

41 100

39 82.6 37.6 112.9

76 30.6 27.8 83.4



#18

Methylene Chloride

Concen: 18.944 ug/l

RT: 5.283 min Scan# 566

Delta R.T. -0.006 min

Lab File: VN082002.D

Acq: 06 May 2024 11:49

Tgt Ion: 84 Resp: 51822

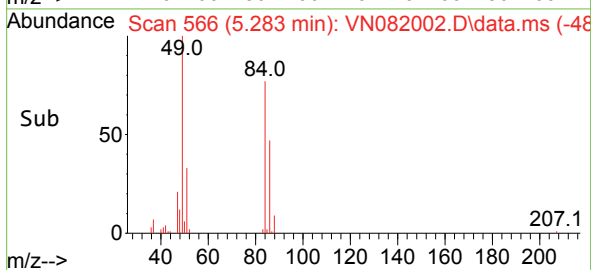
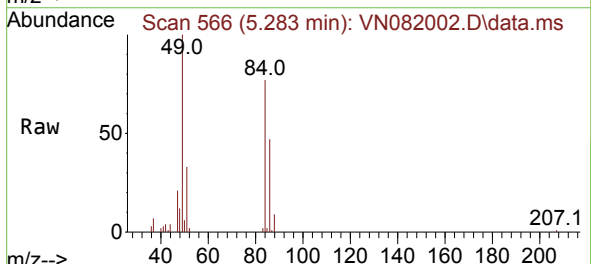
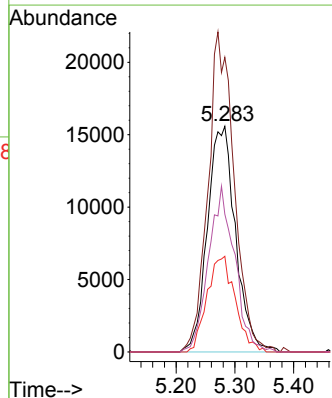
Ion Ratio Lower Upper

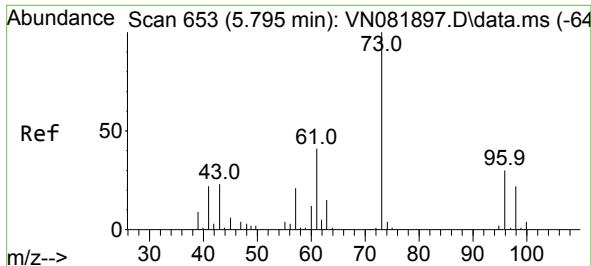
84 100

49 130.5 86.0 129.0#

51 42.4 30.0 45.0

86 61.1 53.0 79.4





#19

trans-1,2-Dichloroethene

Concen: 19.004 ug/l

RT: 5.783 min Scan# 61

Delta R.T. -0.012 min

Lab File: VN082002.D

Acq: 06 May 2024 11:49

Instrument :

MSVOA_N

ClientSampleId :

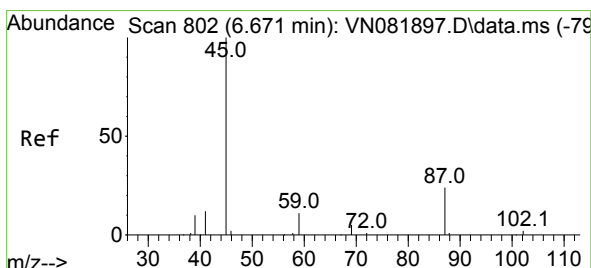
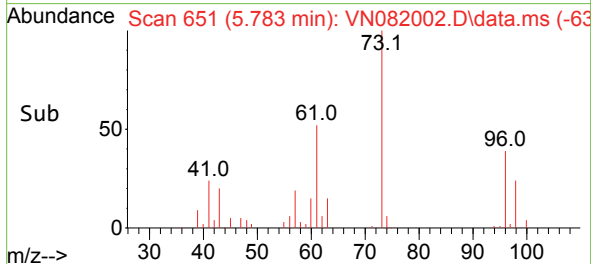
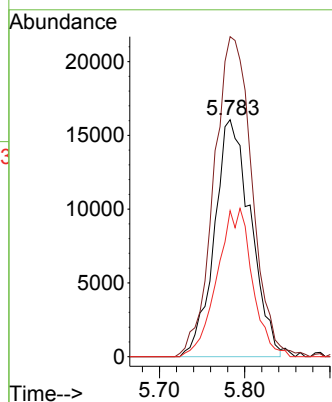
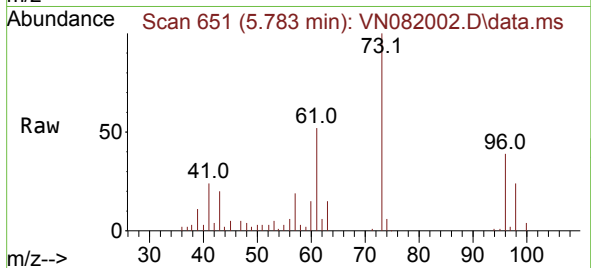
Tgt Ion: 96 Resp: 47557

Ion Ratio Lower Upper

96 100

61 133.6 111.8 167.6

98 61.6 49.2 73.8



#20

Diisopropyl ether

Concen: 19.411 ug/l

RT: 6.671 min Scan# 802

Delta R.T. -0.000 min

Lab File: VN082002.D

Acq: 06 May 2024 11:49

Tgt Ion: 45 Resp: 181284

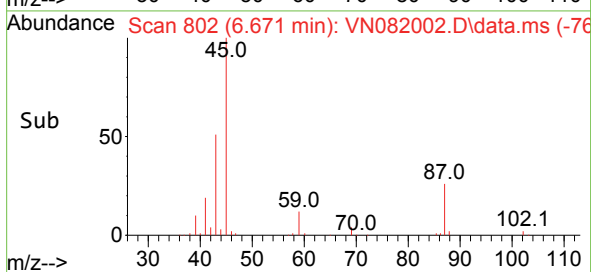
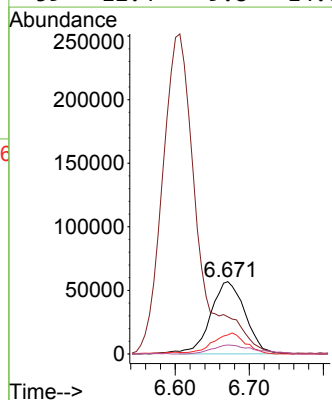
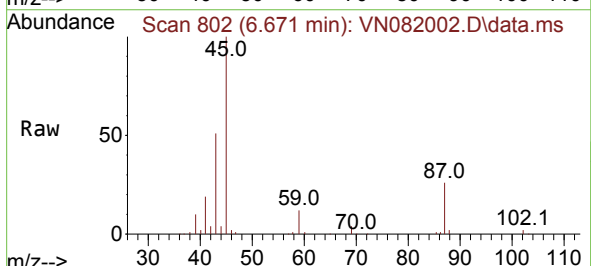
Ion Ratio Lower Upper

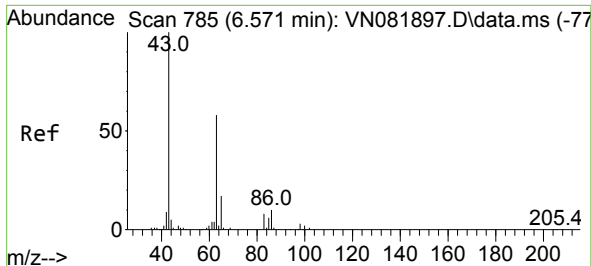
45 100

43 48.7 40.4 60.6

87 26.2 23.8 35.8

59 12.4 9.8 14.6





#21

1,1-Dichloroethane

Concen: 19.993 ug/l

RT: 6.565 min Scan# 71

Delta R.T. -0.006 min

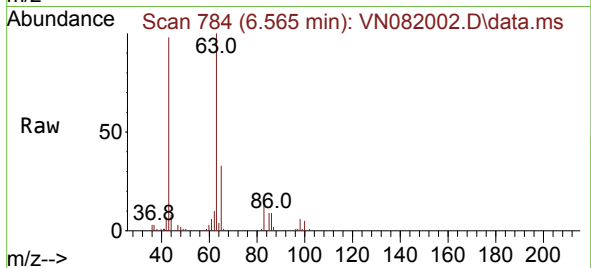
Lab File: VN082002.D

Acq: 06 May 2024 11:49

Instrument :

MSVOA_N

ClientSampleId :



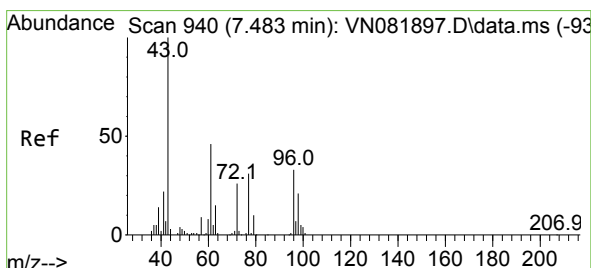
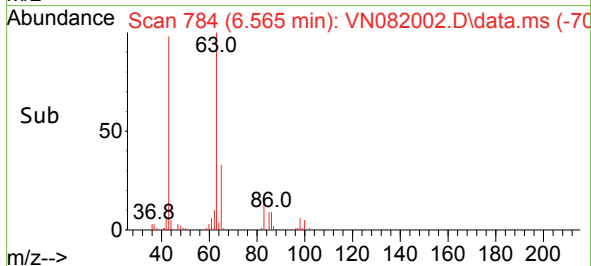
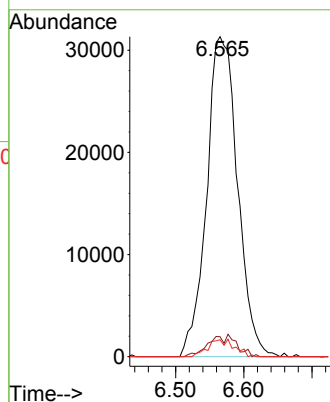
Tgt Ion: 63 Resp: 98864

Ion Ratio Lower Upper

63 100

98 6.3 4.1 12.3

100 5.3 3.0 9.0



#22

cis-1,2-Dichloroethene

Concen: 19.240 ug/l

RT: 7.489 min Scan# 941

Delta R.T. 0.006 min

Lab File: VN082002.D

Acq: 06 May 2024 11:49

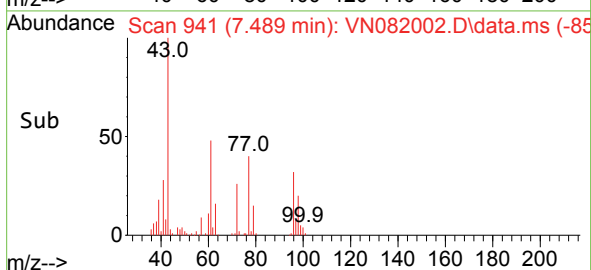
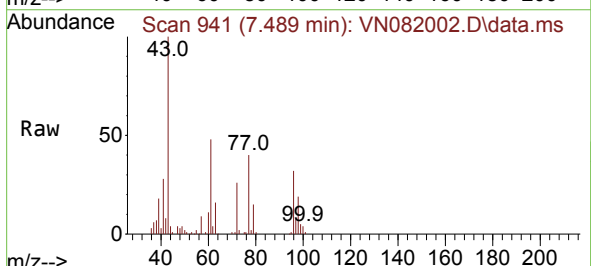
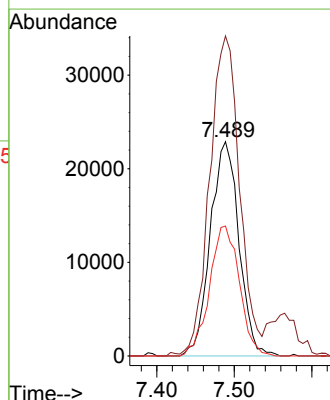
Tgt Ion: 96 Resp: 58672

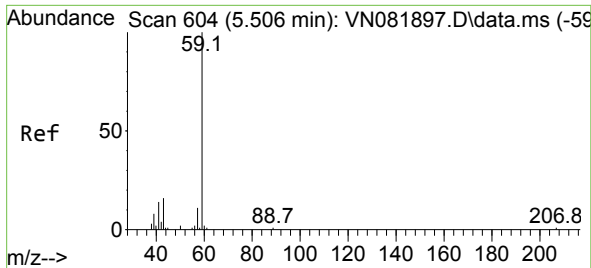
Ion Ratio Lower Upper

96 100

61 156.3 113.5 170.3

98 63.4 52.0 78.0

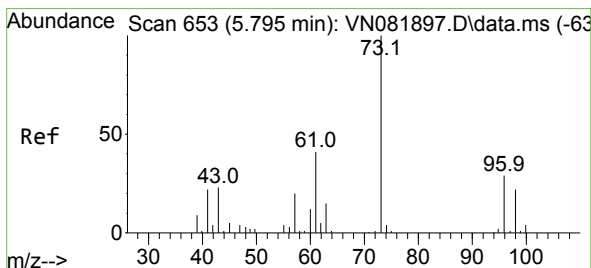
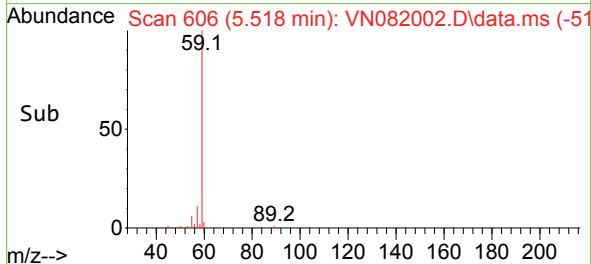
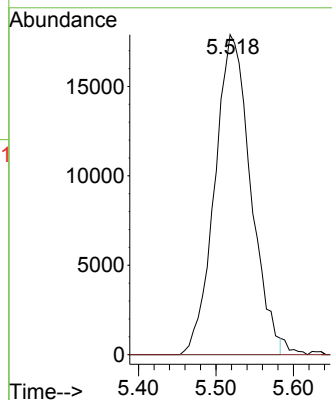
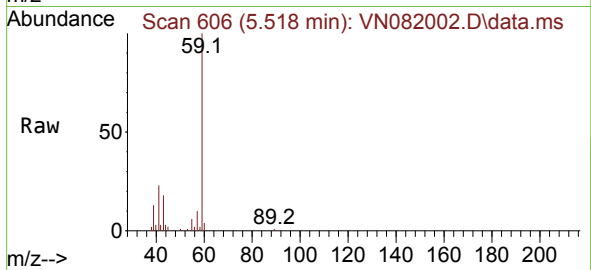




#23
tert-Butyl Alcohol
Concen: 101.952 ug/l
RT: 5.518 min Scan# 604
Delta R.T. 0.012 min
Lab File: VN082002.D
Acq: 06 May 2024 11:49

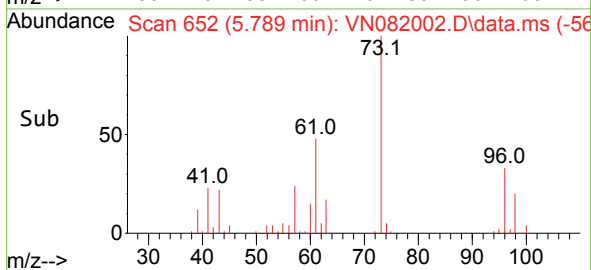
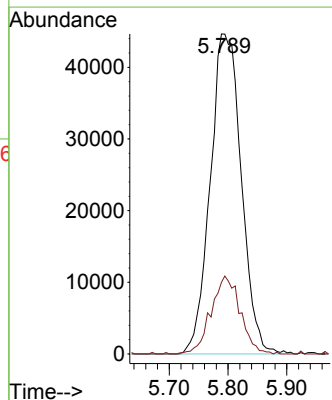
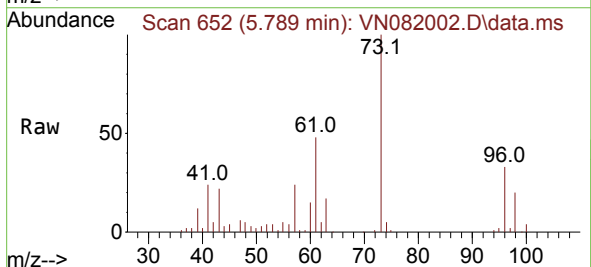
Instrument :
MSVOA_N
ClientSampleId :

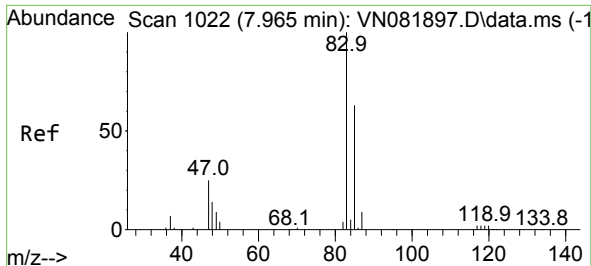
Tgt Ion: 59 Resp: 57698
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 18.901 ug/l
RT: 5.789 min Scan# 652
Delta R.T. -0.006 min
Lab File: VN082002.D
Acq: 06 May 2024 11:49

Tgt Ion: 73 Resp: 163827
Ion Ratio Lower Upper
73 100
43 22.8 13.4 20.2#

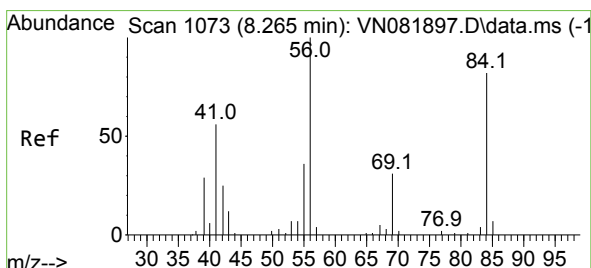
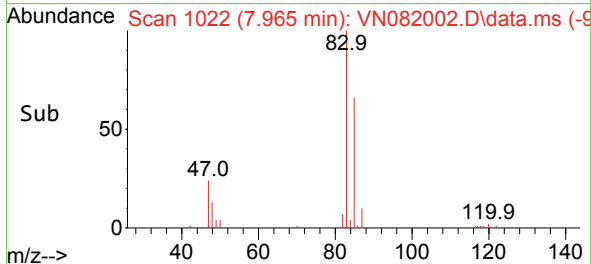
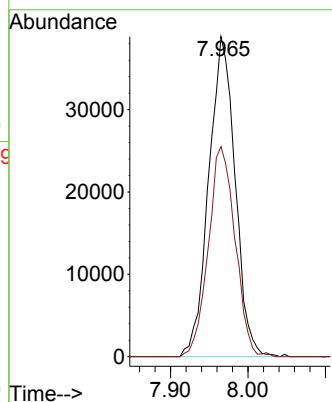
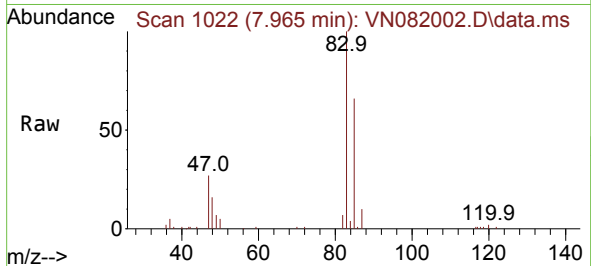




#25
Chloroform
Concen: 19.347 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN082002.D
Acq: 06 May 2024 11:49

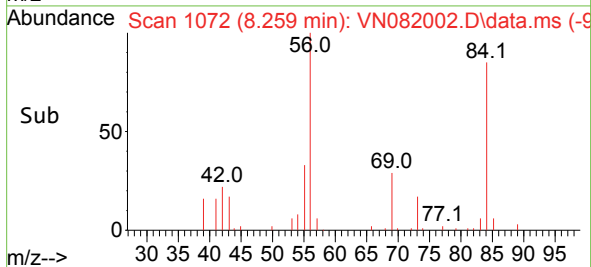
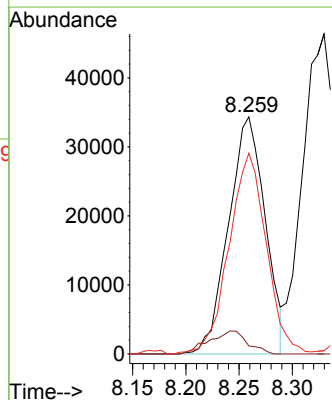
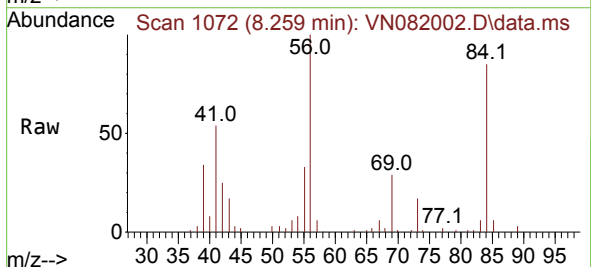
Instrument :
MSVOA_N
ClientSampleId :

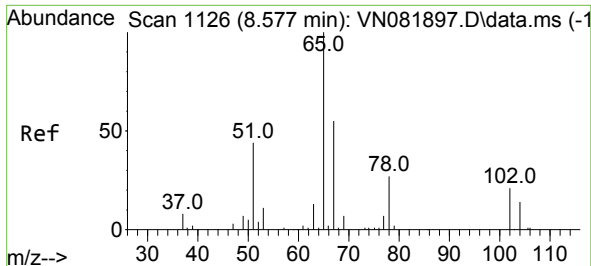
Tgt Ion: 83 Resp: 92040
Ion Ratio Lower Upper
83 100
85 65.6 50.9 76.3



#26
Cyclohexane
Concen: 19.229 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN082002.D
Acq: 06 May 2024 11:49

Tgt Ion: 56 Resp: 82227
Ion Ratio Lower Upper
56 100
89 10.1 19.3 28.9#
84 86.1 71.3 106.9

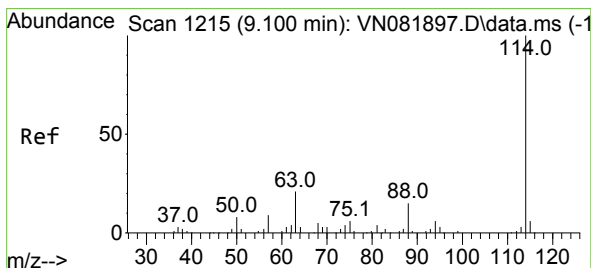
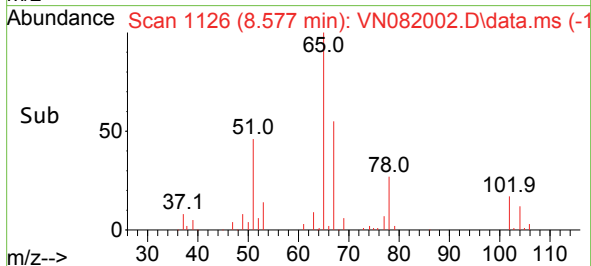
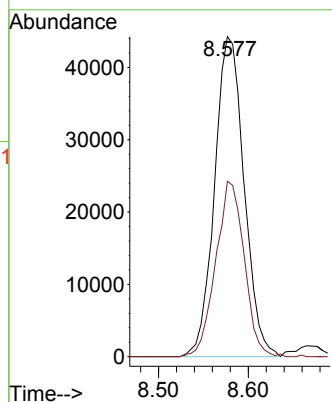
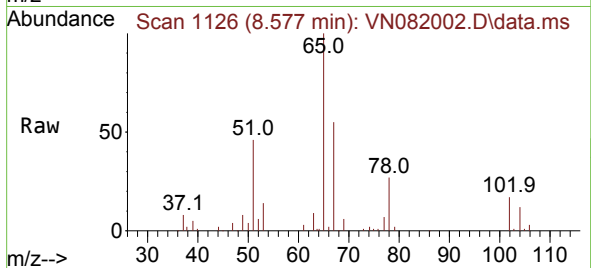




#27
1,2-Dichloroethane-d4
Concen: 30.624 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN082002.D
Acq: 06 May 2024 11:49

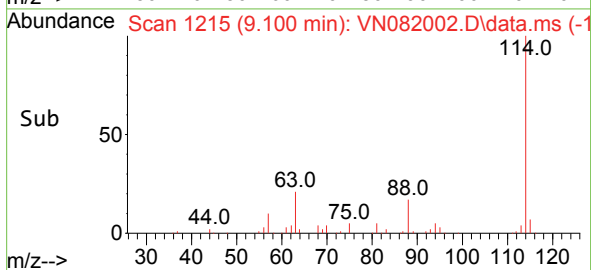
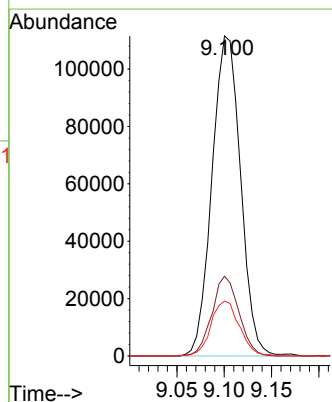
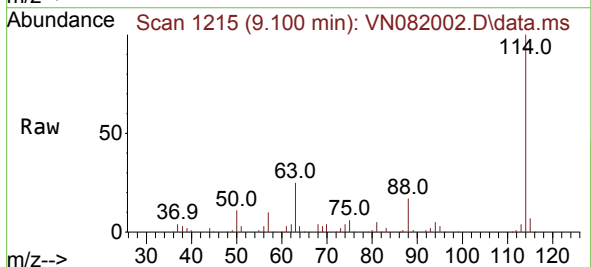
Instrument :
MSVOA_N
ClientSampleId :

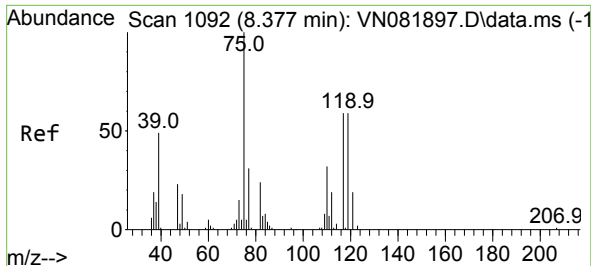
Tgt Ion: 65 Resp: 101002
Ion Ratio Lower Upper
65 100
67 52.8 43.2 64.8



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN082002.D
Acq: 06 May 2024 11:49

Tgt Ion:114 Resp: 233901
Ion Ratio Lower Upper
114 100
63 23.6 15.9 23.9
88 17.1 12.7 19.1





#29

1,1-Dichloropropene

Concen: 19.535 ug/l

RT: 8.377 min Scan# 110

Delta R.T. -0.000 min

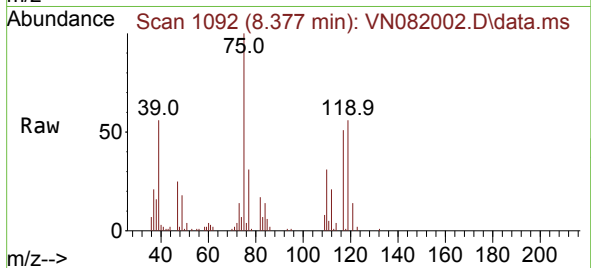
Lab File: VN082002.D

Acq: 06 May 2024 11:49

Instrument :

MSVOA_N

ClientSampleId :



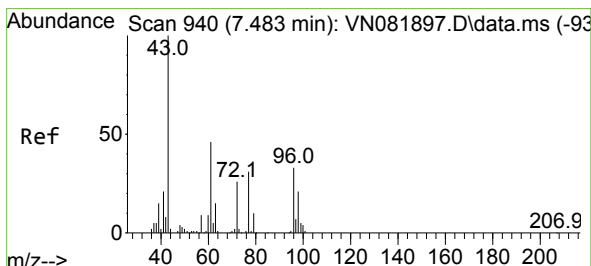
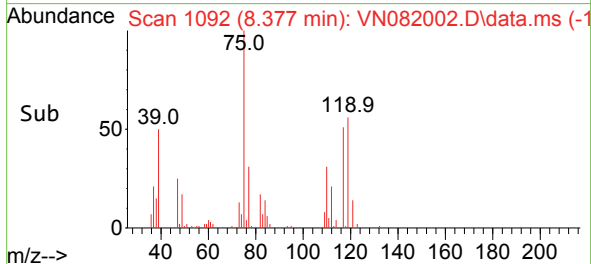
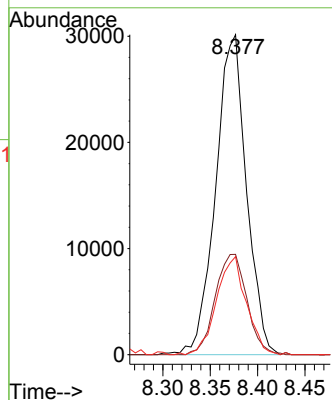
Tgt Ion: 75 Resp: 68025

Ion Ratio Lower Upper

75 100

110 32.2 0.0 70.2

77 29.6 0.0 61.4



#30

2-Butanone

Concen: 104.715 ug/l

RT: 7.489 min Scan# 941

Delta R.T. 0.006 min

Lab File: VN082002.D

Acq: 06 May 2024 11:49

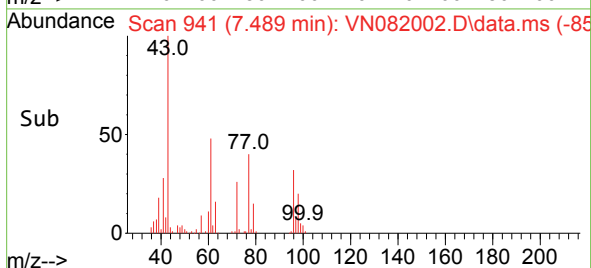
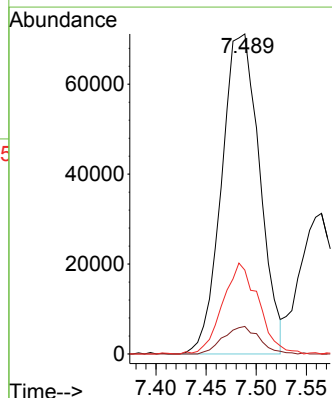
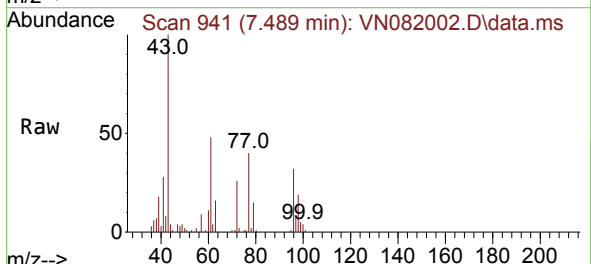
Tgt Ion: 43 Resp: 187961

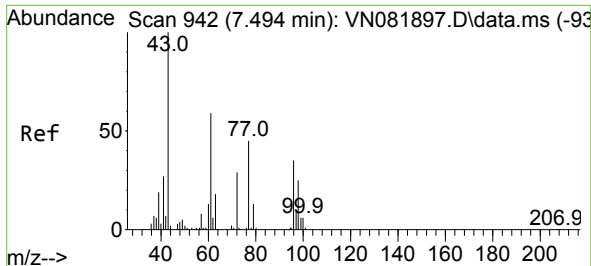
Ion Ratio Lower Upper

43 100

57 8.2 6.7 10.1

72 26.5 24.0 36.0





#31

2,2-Dichloropropane

Concen: 23.322 ug/l

RT: 7.489 min Scan# 941

Delta R.T. -0.006 min

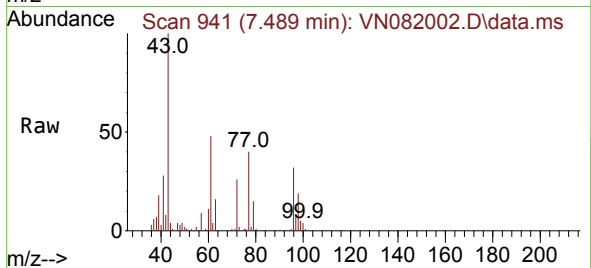
Lab File: VN082002.D

Acq: 06 May 2024 11:49

Instrument :

MSVOA_N

ClientSampleId :

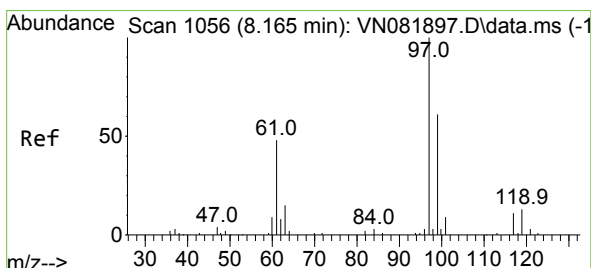
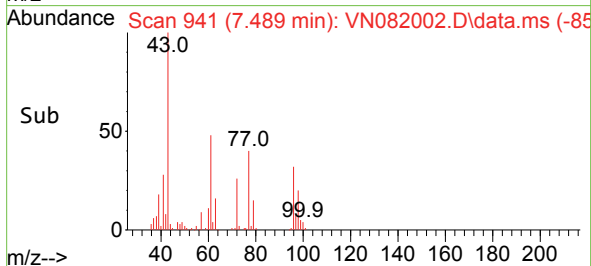
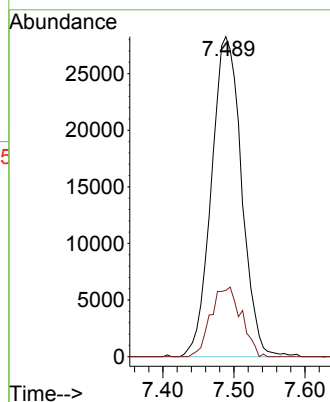


Tgt Ion: 77 Resp: 83226

Ion Ratio Lower Upper

77 100

97 0.0 18.3 27.5#



#32

1,1,1-Trichloroethane

Concen: 19.536 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN082002.D

Acq: 06 May 2024 11:49

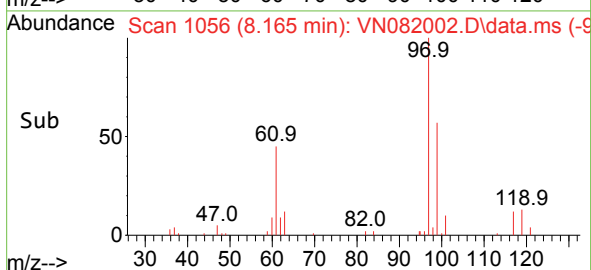
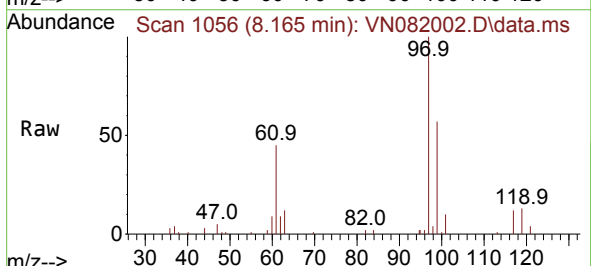
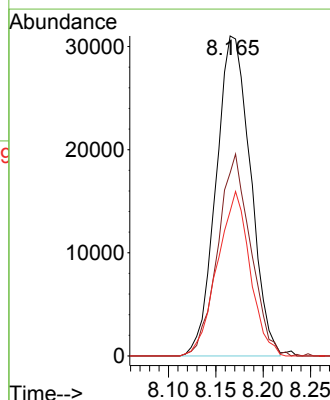
Tgt Ion: 97 Resp: 78240

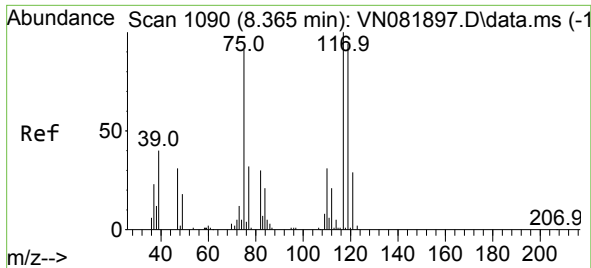
Ion Ratio Lower Upper

97 100

99 60.3 51.0 76.4

61 49.0 33.8 50.8

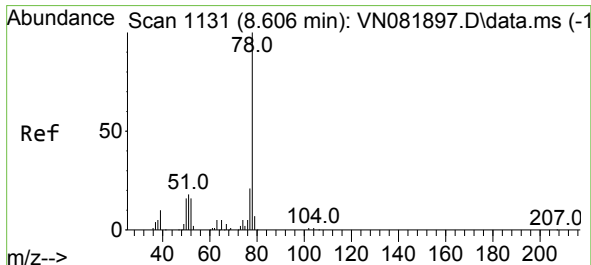
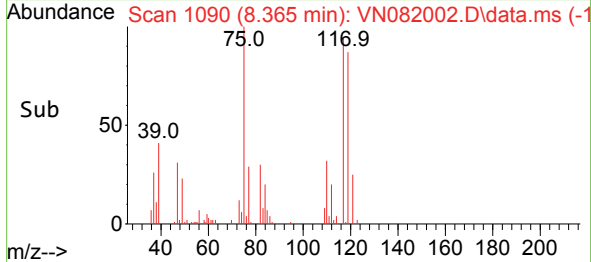
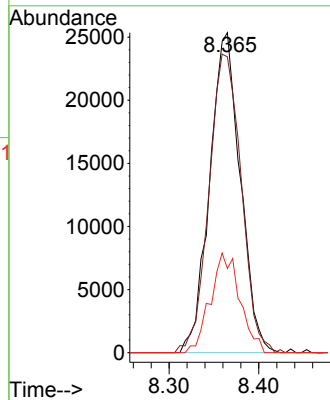
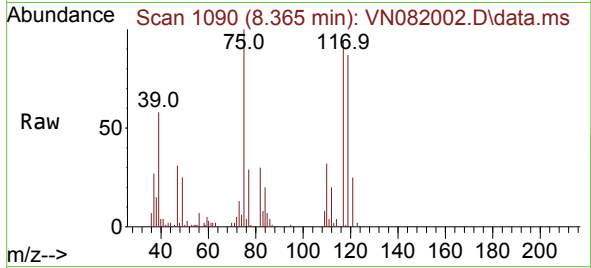




#33
Carbon Tetrachloride
Concen: 18.483 ug/l
RT: 8.365 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VN082002.D
Acq: 06 May 2024 11:49

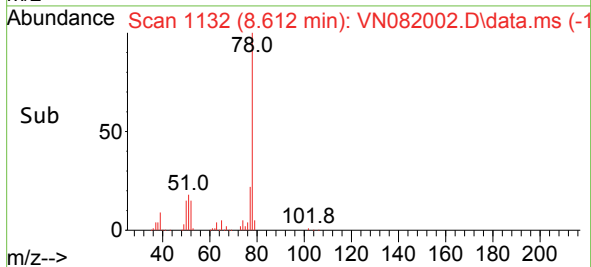
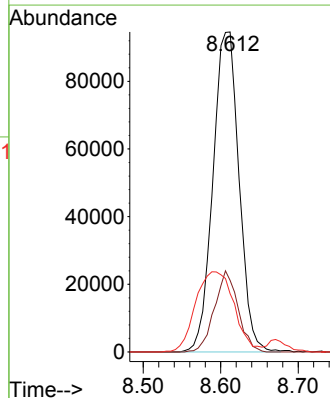
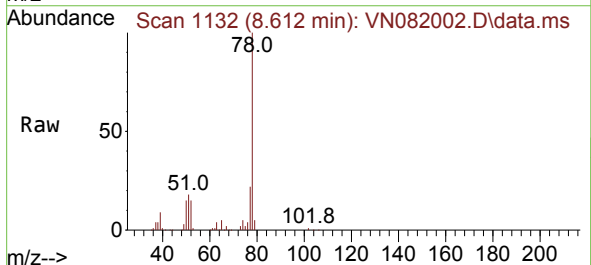
Instrument :
MSVOA_N
ClientSampleId :

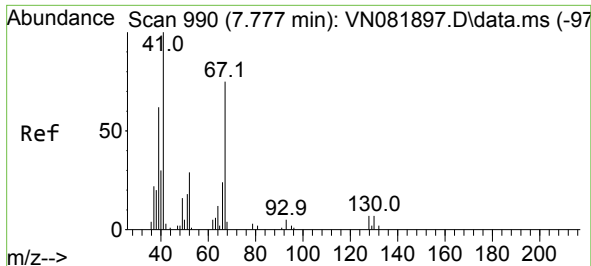
Tgt Ion:117 Resp: 60073
Ion Ratio Lower Upper
117 100
119 91.5 77.7 116.5
121 26.3 27.0 40.6#



#34
Benzene
Concen: 19.975 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VN082002.D
Acq: 06 May 2024 11:49

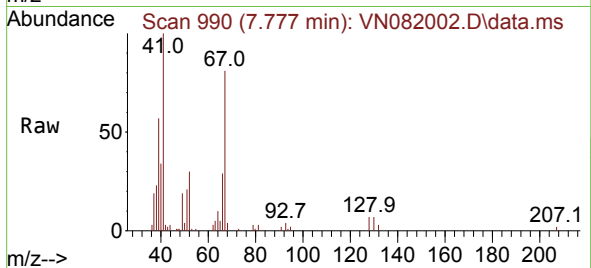
Tgt Ion: 78 Resp: 221903
Ion Ratio Lower Upper
78 100
77 22.3 19.2 28.8
51 16.2 13.3 19.9



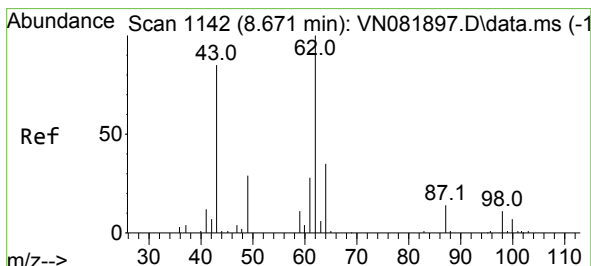
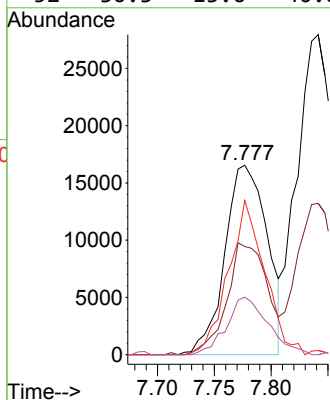
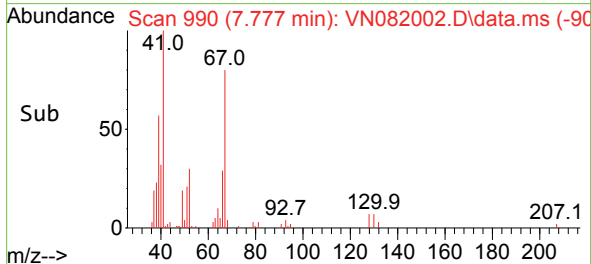


#35
Methacrylonitrile
Concen: 18.937 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN082002.D
Acq: 06 May 2024 11:49

Instrument :
MSVOA_N
ClientSampleId :

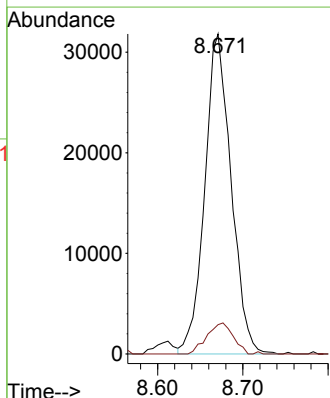
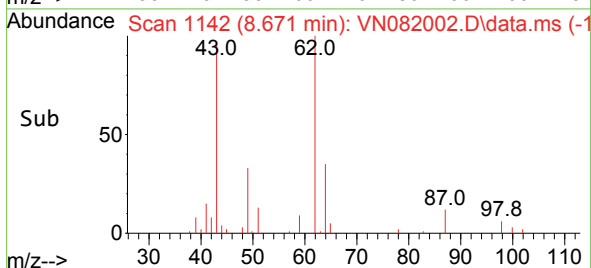
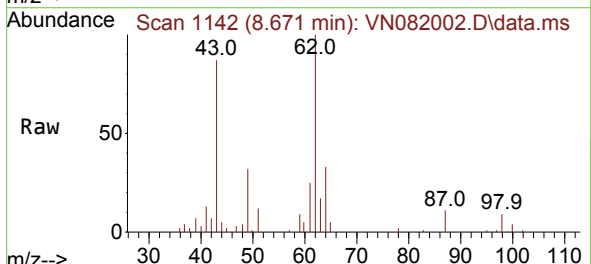


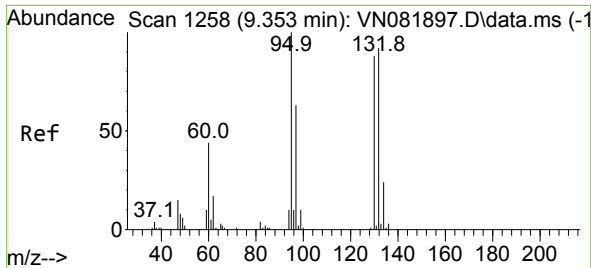
Tgt Ion: 41 Resp: 43005
Ion Ratio Lower Upper
41 100
39 57.1 25.3 75.9
67 81.4 38.7 116.1
52 30.3 13.6 40.8



#36
1,2-Dichloroethane
Concen: 18.328 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN082002.D
Acq: 06 May 2024 11:49

Tgt Ion: 62 Resp: 68348
Ion Ratio Lower Upper
62 100
98 9.7 8.2 12.4

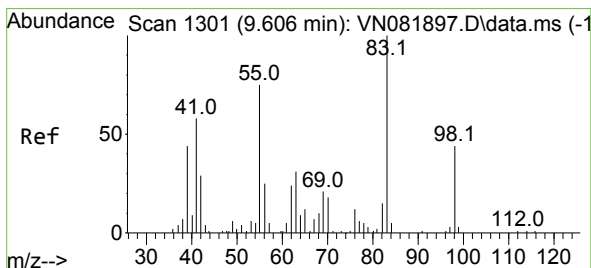
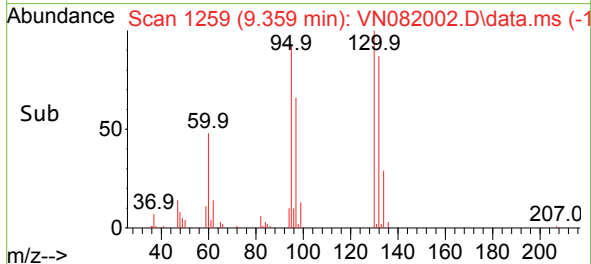
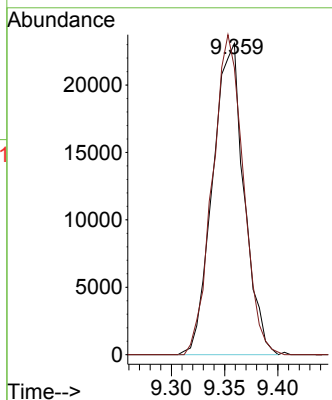
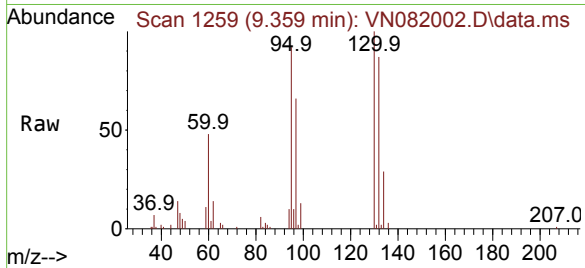




#37
Trichloroethene
Concen: 17.374 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.006 min
Lab File: VN082002.D
Acq: 06 May 2024 11:49

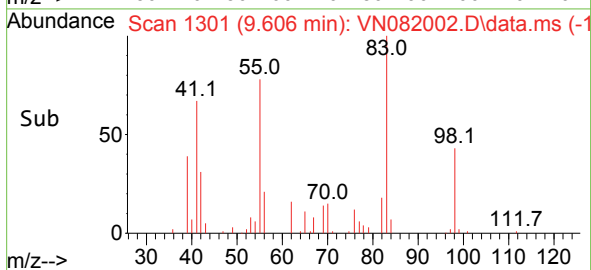
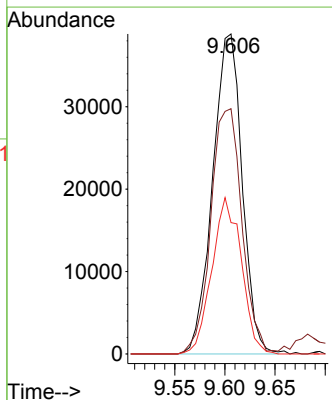
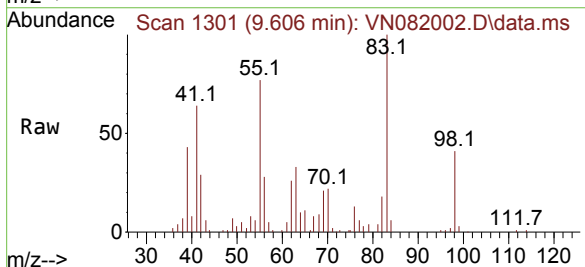
Instrument :
MSVOA_N
ClientSampleId :

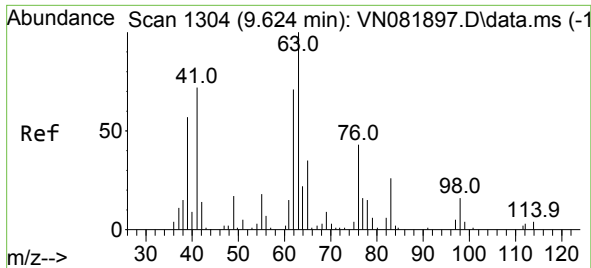
Tgt Ion:130 Resp: 47273
Ion Ratio Lower Upper
130 100
95 92.3 80.2 120.4



#38
Methylcyclohexane
Concen: 18.857 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. -0.000 min
Lab File: VN082002.D
Acq: 06 May 2024 11:49

Tgt Ion: 83 Resp: 79323
Ion Ratio Lower Upper
83 100
55 80.7 36.6 109.9
98 48.8 23.8 71.5

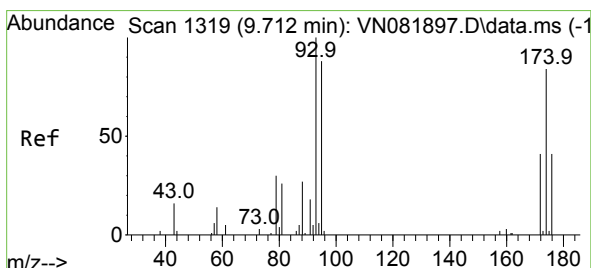
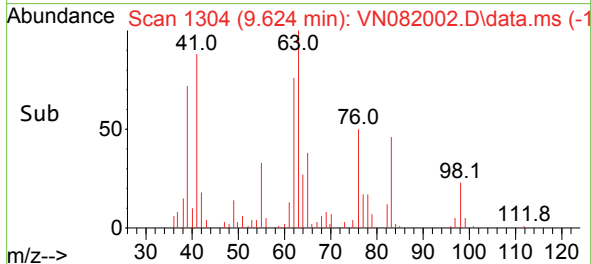
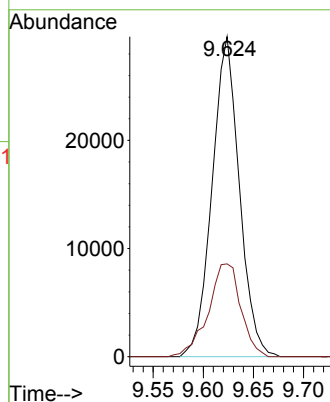
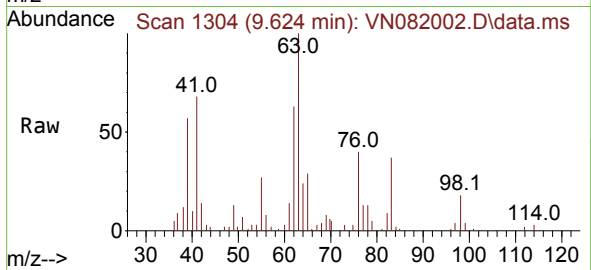




#39
1,2-Dichloropropane
Concen: 19.609 ug/l
RT: 9.624 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082002.D
Acq: 06 May 2024 11:49

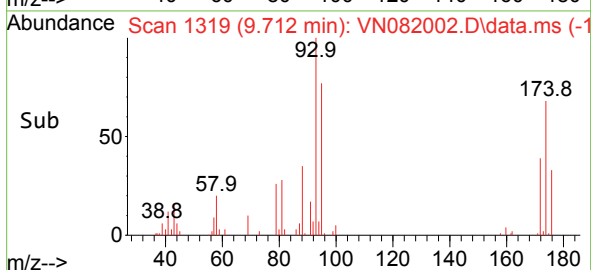
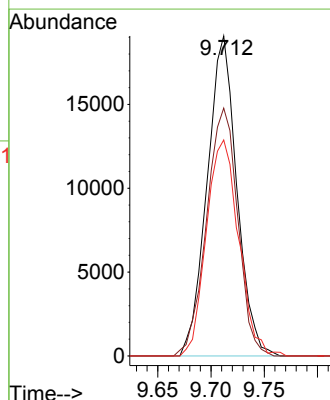
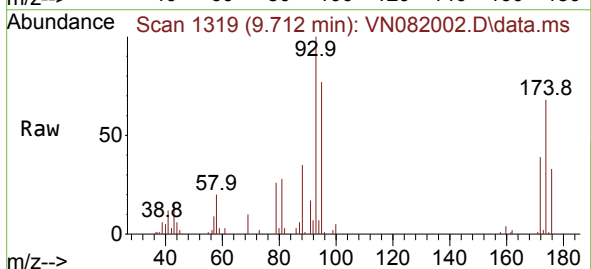
Instrument :
MSVOA_N
ClientSampleId :

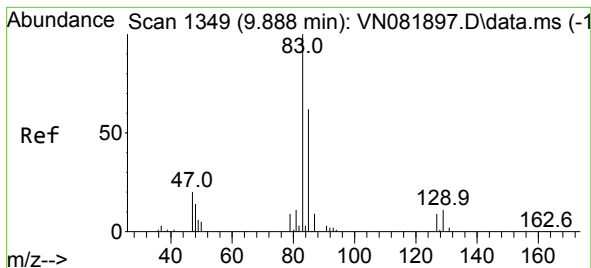
Tgt Ion: 63 Resp: 55894
Ion Ratio Lower Upper
63 100
65 29.0 25.0 37.4



#40
Dibromomethane
Concen: 20.225 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN082002.D
Acq: 06 May 2024 11:49

Tgt Ion: 93 Resp: 37037
Ion Ratio Lower Upper
93 100
95 81.3 0.0 164.6
174 73.2 0.0 193.2





#41

Bromodichloromethane

Concen: 19.070 ug/l

RT: 9.888 min Scan# 1

Delta R.T. -0.000 min

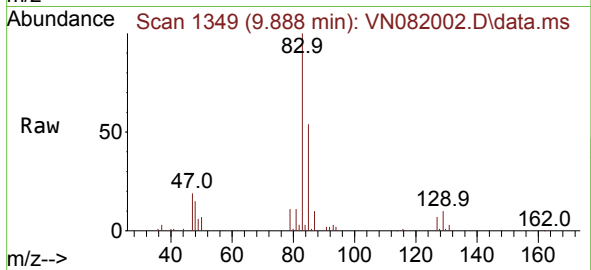
Lab File: VN082002.D

Acq: 06 May 2024 11:49

Instrument :

MSVOA_N

ClientSampleId :



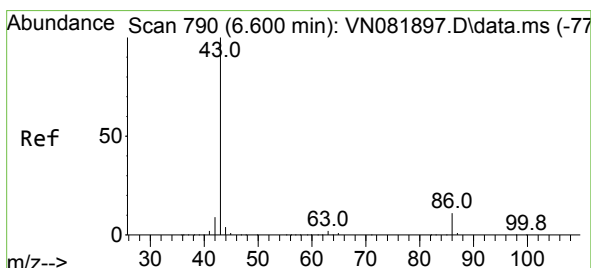
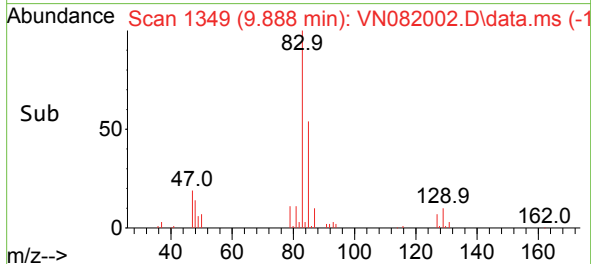
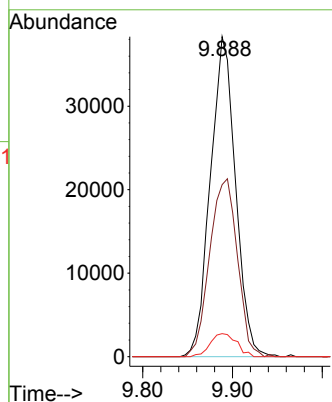
Tgt Ion: 83 Resp: 74641

Ion Ratio Lower Upper

83 100

85 53.7 49.4 74.2

127 7.2 7.3 10.9#



#42

Vinyl Acetate

Concen: 106.665 ug/l

RT: 6.606 min Scan# 791

Delta R.T. 0.006 min

Lab File: VN082002.D

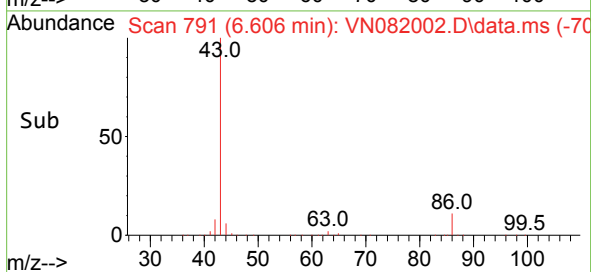
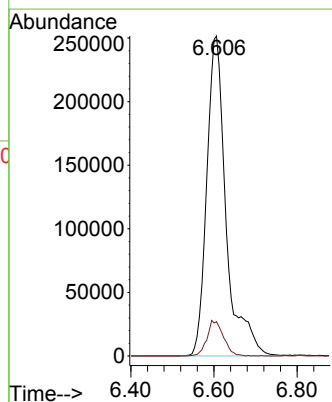
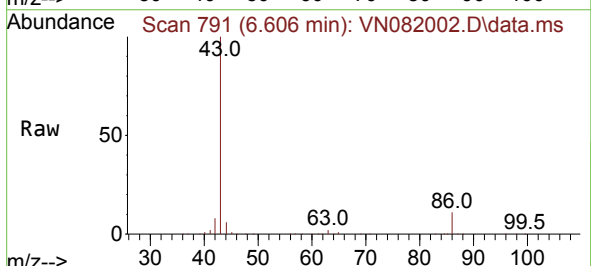
Acq: 06 May 2024 11:49

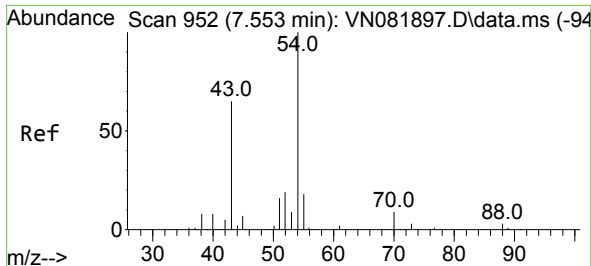
Tgt Ion: 43 Resp: 814930

Ion Ratio Lower Upper

43 100

86 9.4 9.4 14.2#

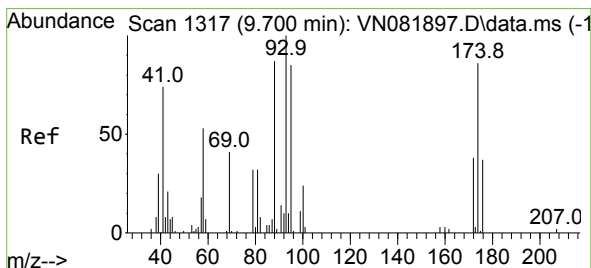
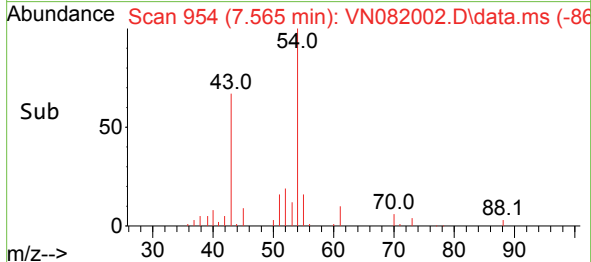
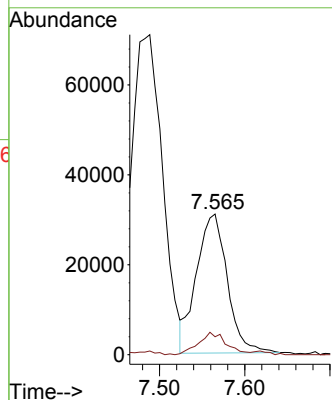
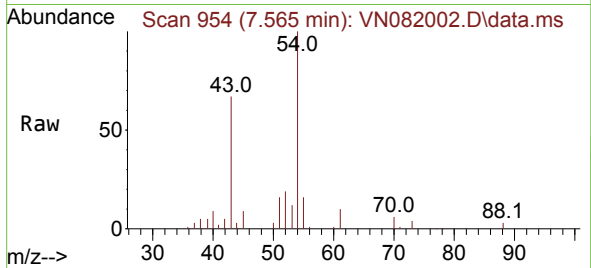




#43
Ethyl Acetate
Concen: 19.852 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN082002.D
Acq: 06 May 2024 11:49

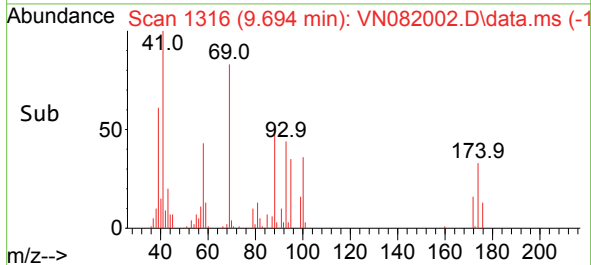
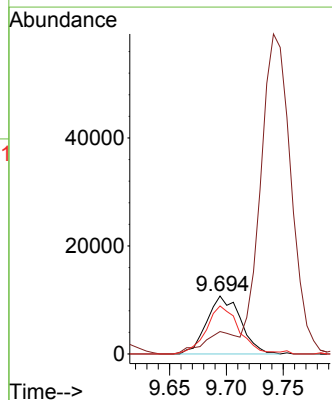
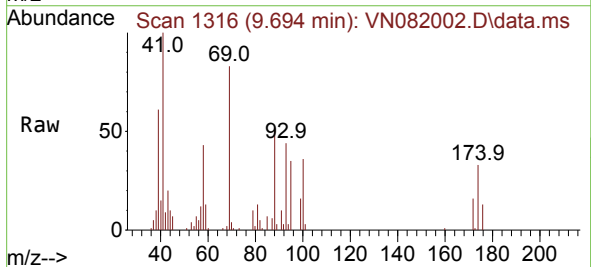
Instrument :
MSVOA_N
ClientSampleId :

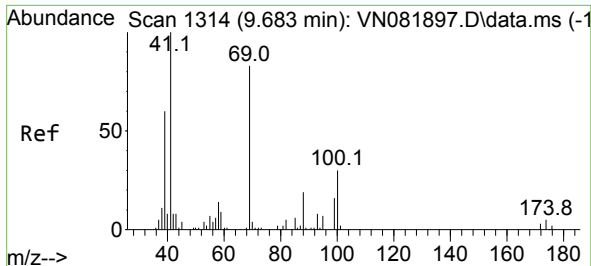
Tgt Ion: 43 Resp: 77695
Ion Ratio Lower Upper
43 100
45 14.5 10.6 15.8



#45
1,4-Dioxane
Concen: 399.007 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VN082002.D
Acq: 06 May 2024 11:49

Tgt Ion: 88 Resp: 22233
Ion Ratio Lower Upper
88 100
43 34.8 19.8 29.6#
58 80.7 55.4 83.0





#46

Methyl methacrylate

Concen: 19.459 ug/l

RT: 9.683 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN082002.D

Acq: 06 May 2024 11:49

Instrument :

MSVOA_N

ClientSampleId :

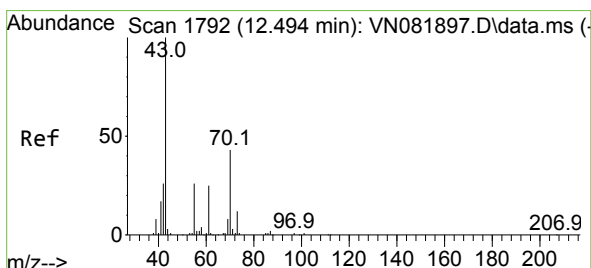
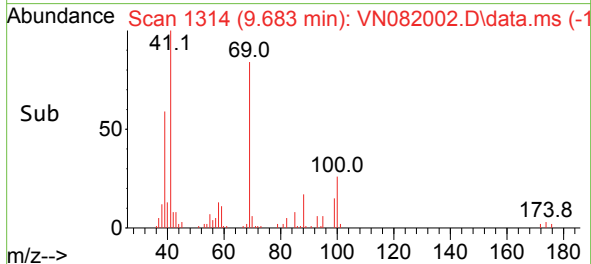
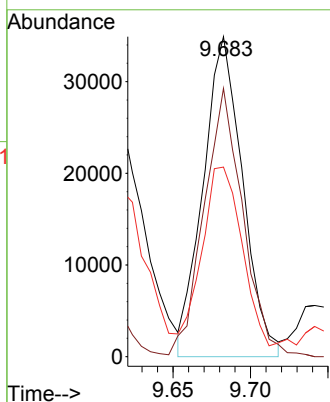
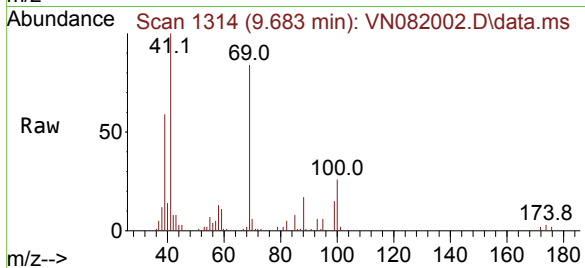
Tgt Ion: 41 Resp: 61769

Ion Ratio Lower Upper

41 100

69 83.8 51.1 153.3

39 57.6 25.8 77.3



#47

n-amy1 Acetate

Concen: 0.356 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. 0.206 min

Lab File: VN082002.D

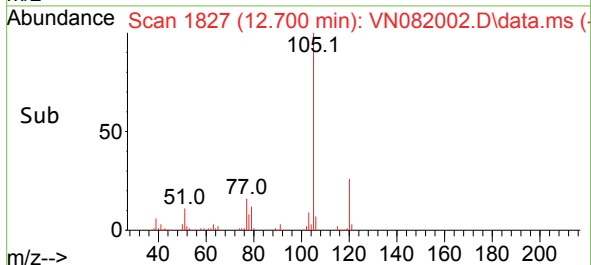
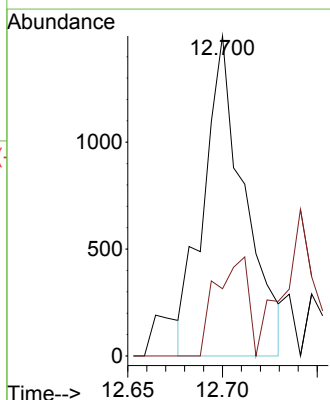
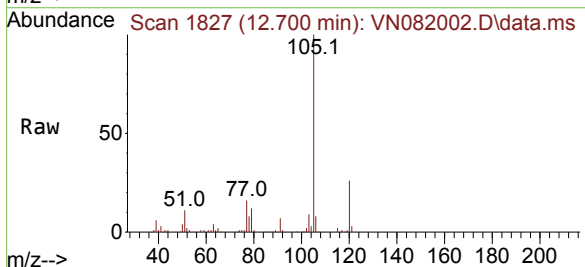
Acq: 06 May 2024 11:49

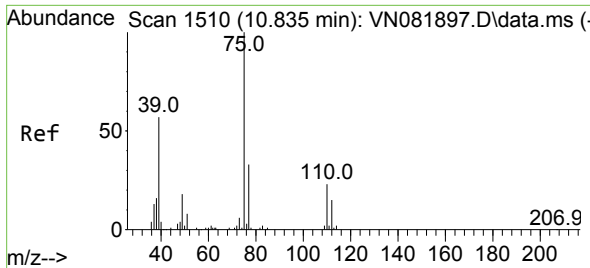
Tgt Ion: 43 Resp: 2234

Ion Ratio Lower Upper

43 100

55 24.4 23.4 35.2

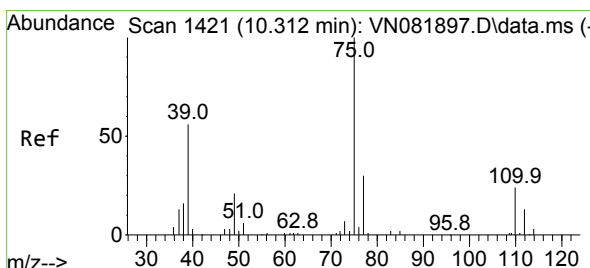
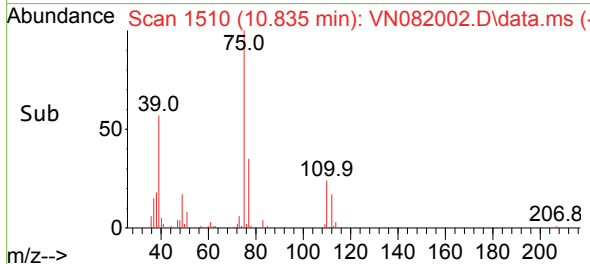
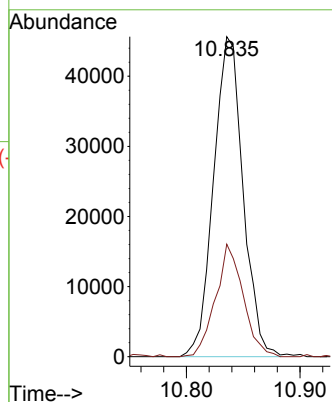
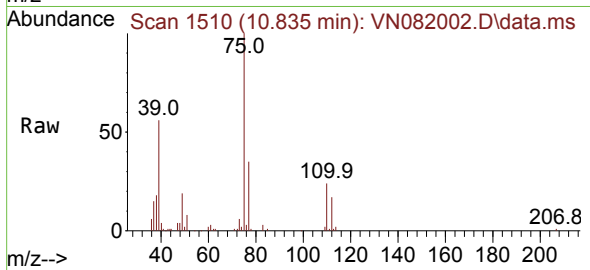




#48
t-1,3-Dichloropropene
Concen: 19.382 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN082002.D
Acq: 06 May 2024 11:49

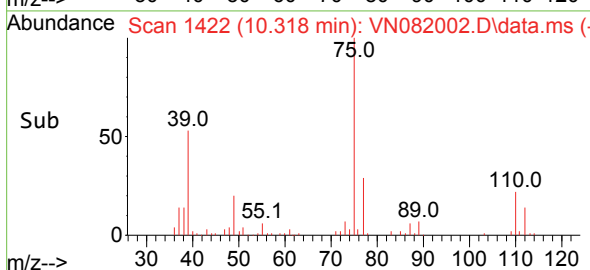
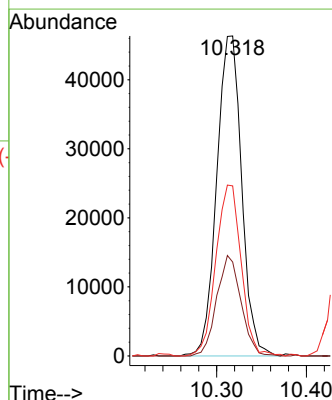
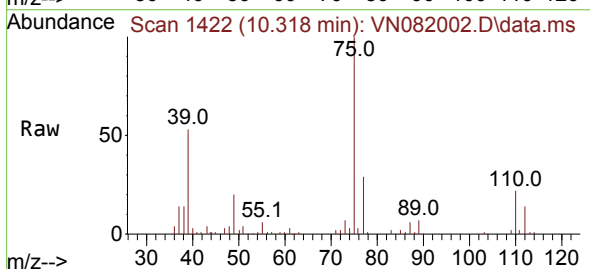
Instrument :
MSVOA_N
ClientSampleId :

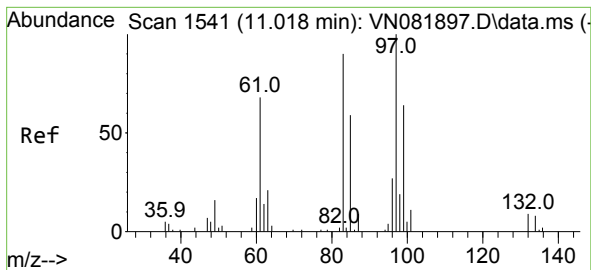
Tgt Ion: 75 Resp: 82266
Ion Ratio Lower Upper
75 100
77 35.2 23.8 35.6



#49
cis-1,3-Dichloropropene
Concen: 19.923 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VN082002.D
Acq: 06 May 2024 11:49

Tgt Ion: 75 Resp: 89406
Ion Ratio Lower Upper
75 100
77 29.3 24.9 37.3
39 53.2 31.0 46.6#





#50

1,1,2-Trichloroethane

Concen: 20.092 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.000 min

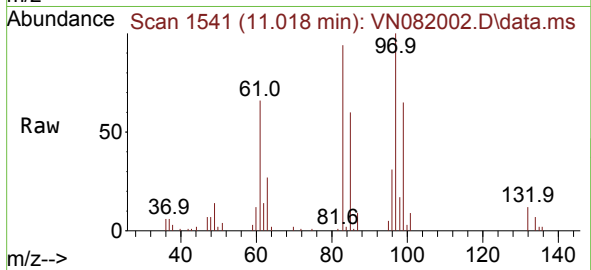
Lab File: VN082002.D

Acq: 06 May 2024 11:49

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 97 Resp: 49917

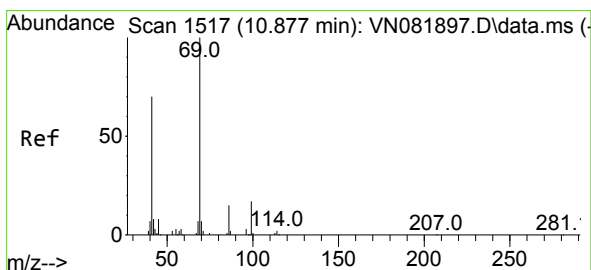
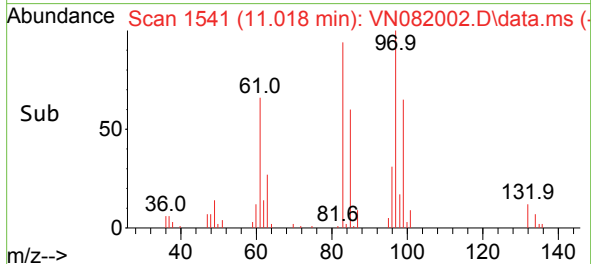
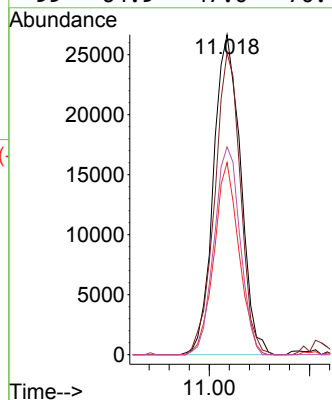
Ion Ratio Lower Upper

97 100

83 94.3 68.1 102.1

85 60.0 41.8 62.6

99 64.9 47.0 70.4



#51

Ethyl methacrylate

Concen: 19.261 ug/l

RT: 10.877 min Scan# 1517

Delta R.T. -0.000 min

Lab File: VN082002.D

Acq: 06 May 2024 11:49

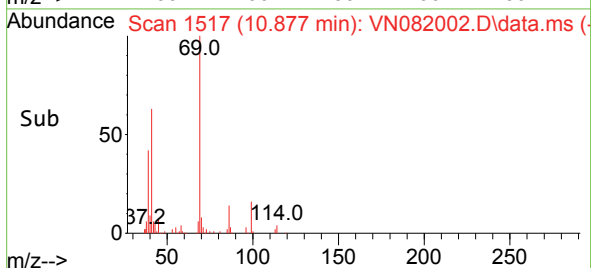
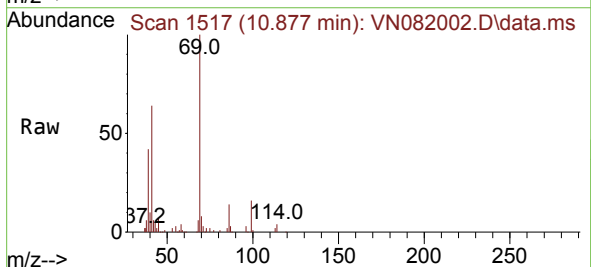
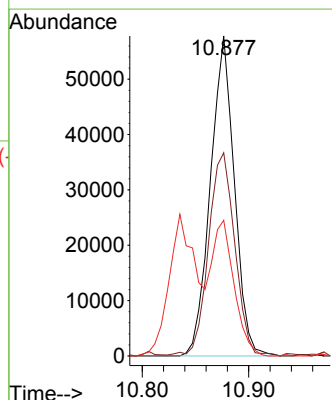
Tgt Ion: 69 Resp: 90313

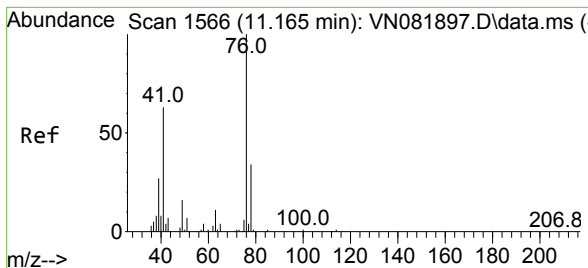
Ion Ratio Lower Upper

69 100

41 63.2 25.5 76.5

39 41.8 16.0 47.9





#52

1,3-Dichloropropane

Concen: 20.019 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN082002.D

Acq: 06 May 2024 11:49

Instrument :

MSVOA_N

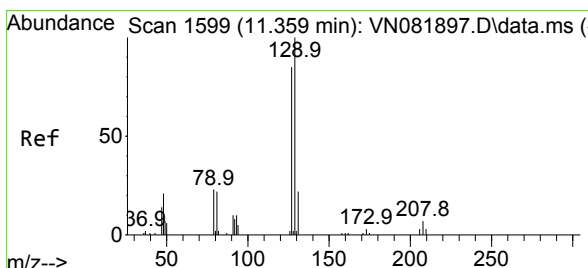
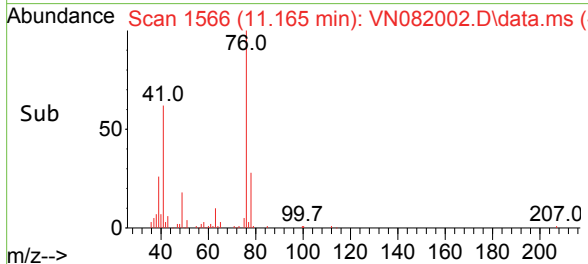
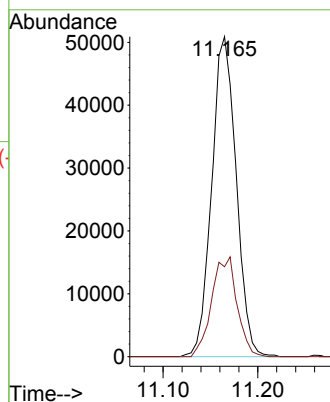
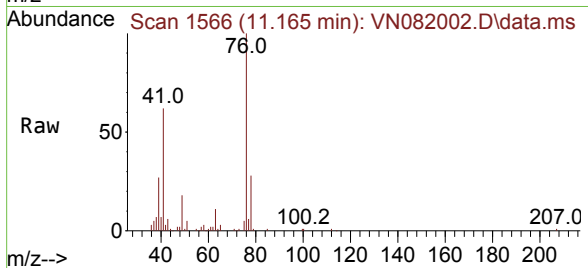
ClientSampleId :

Tgt Ion: 76 Resp: 91374

Ion Ratio Lower Upper

76 100

78 32.3 0.0 65.8



#53

Dibromochloromethane

Concen: 19.005 ug/l

RT: 11.359 min Scan# 1599

Delta R.T. -0.000 min

Lab File: VN082002.D

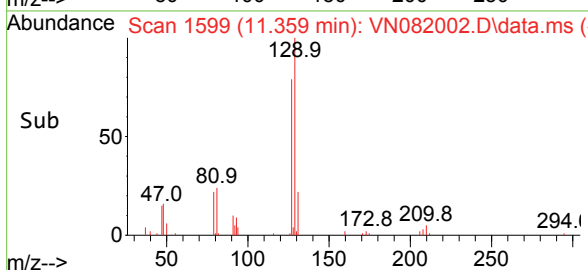
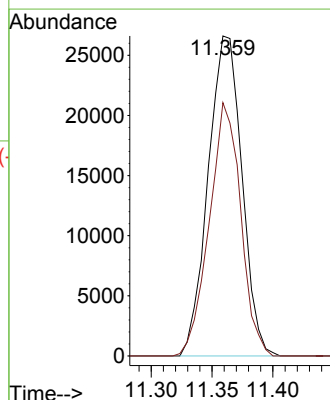
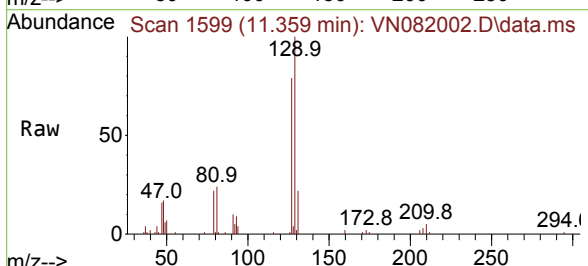
Acq: 06 May 2024 11:49

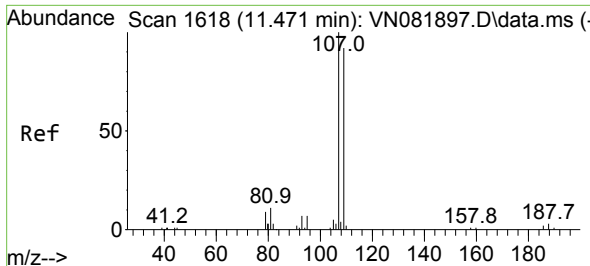
Tgt Ion: 129 Resp: 51372

Ion Ratio Lower Upper

129 100

127 73.6 39.4 118.1

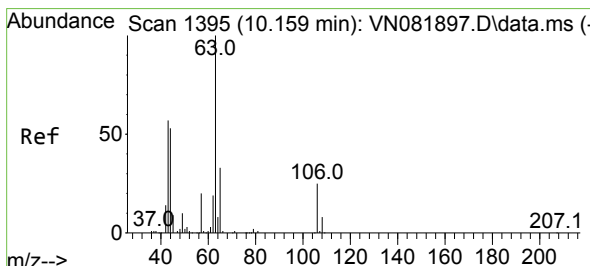
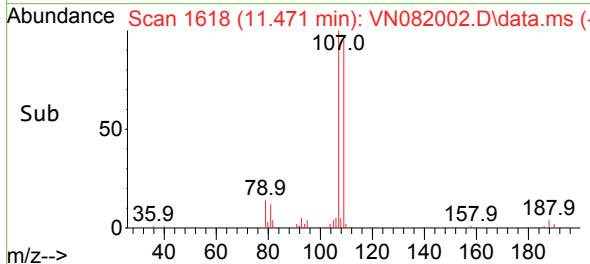
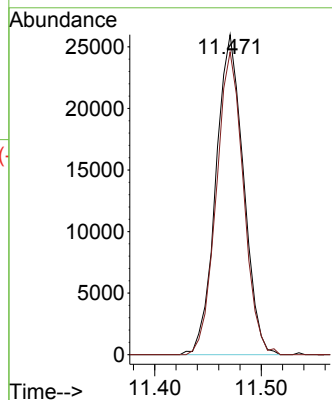
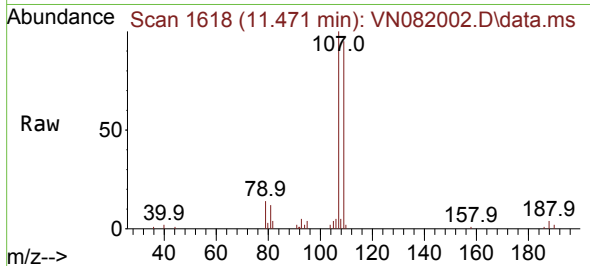




#54
1,2-Dibromoethane
Concen: 18.872 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN082002.D
Acq: 06 May 2024 11:49

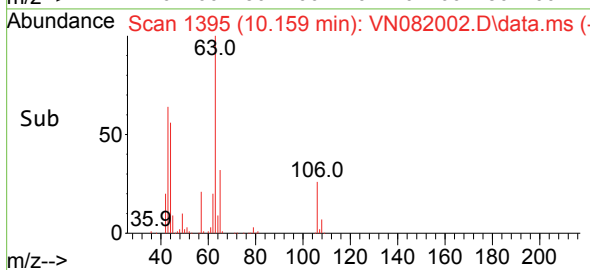
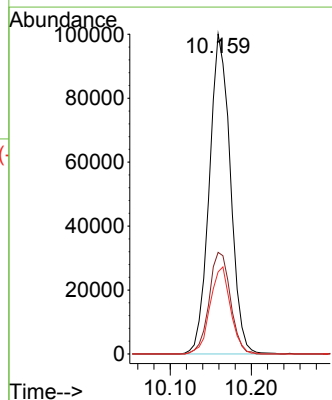
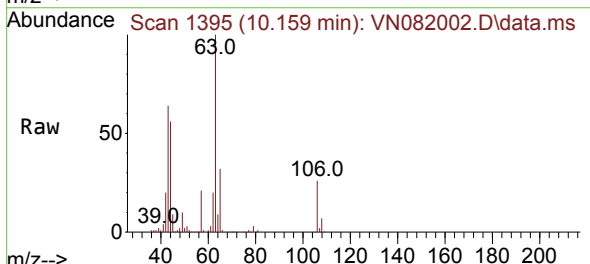
Instrument :
MSVOA_N
ClientSampleId :

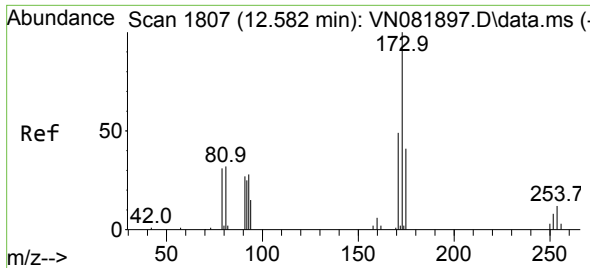
Tgt Ion:107 Resp: 46760
Ion Ratio Lower Upper
107 100
109 92.8 74.7 112.1



#55
2-Chloroethyl vinyl ether
Concen: 76.696 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN082002.D
Acq: 06 May 2024 11:49

Tgt Ion: 63 Resp: 179828
Ion Ratio Lower Upper
63 100
65 32.1 26.2 39.2
106 26.6 23.8 35.8

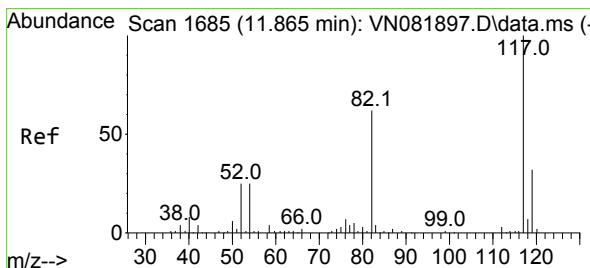
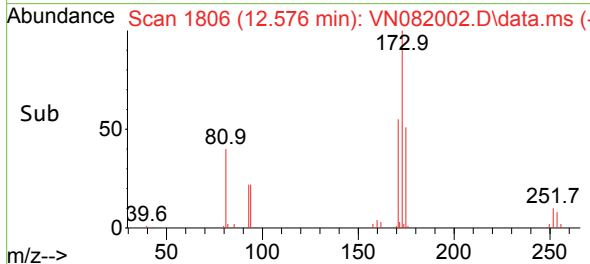
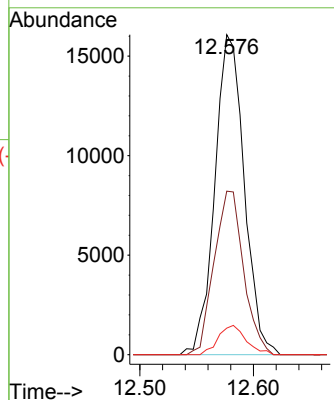
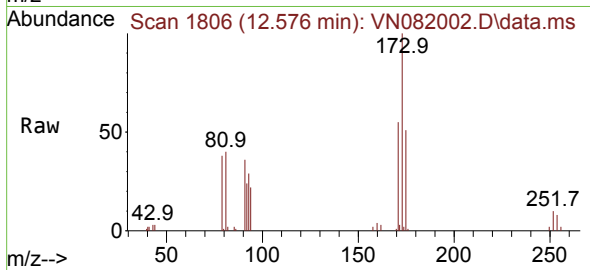




#56
Bromoform
Concen: 17.593 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VN082002.D
Acq: 06 May 2024 11:49

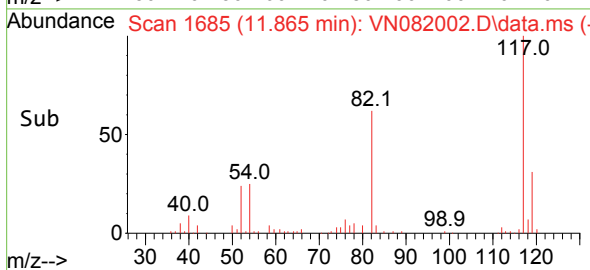
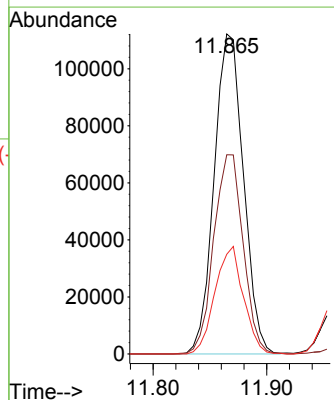
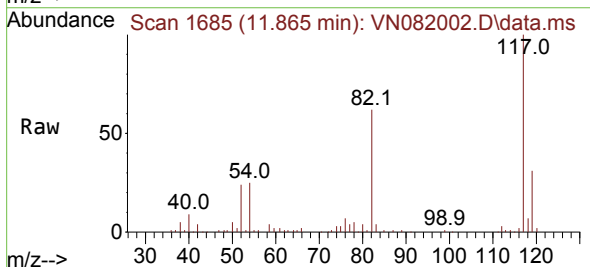
Instrument :
MSVOA_N
ClientSampleId :

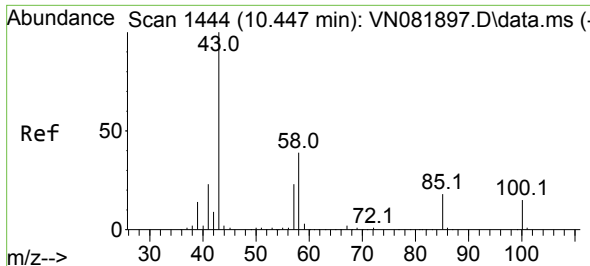
Tgt Ion:173 Resp: 28943
Ion Ratio Lower Upper
173 100
175 51.2 40.0 60.0
254 8.6 8.3 12.5



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN082002.D
Acq: 06 May 2024 11:49

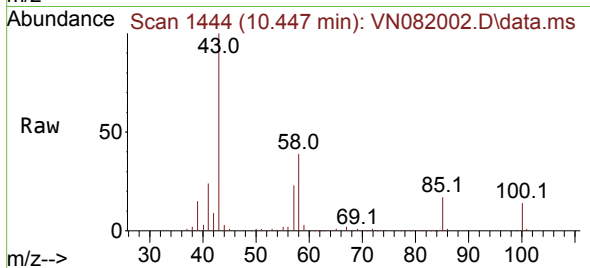
Tgt Ion:117 Resp: 201300
Ion Ratio Lower Upper
117 100
82 62.4 46.6 69.8
119 32.6 25.4 38.2



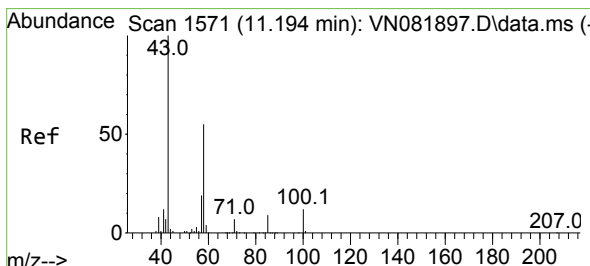
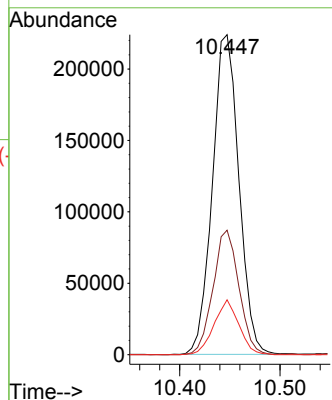
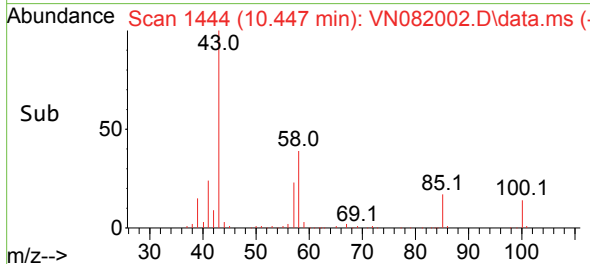


#58
4-Methyl-2-Pentanone
Concen: 105.147 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN082002.D
Acq: 06 May 2024 11:49

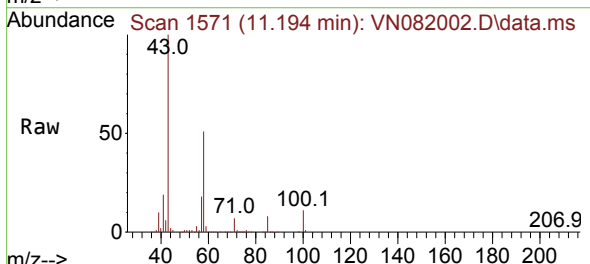
Instrument :
MSVOA_N
ClientSampleId :



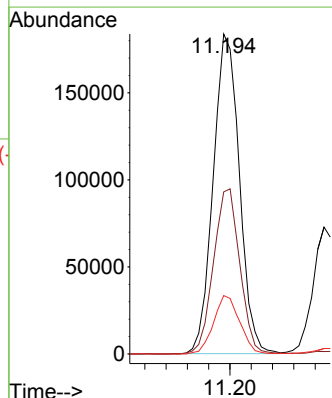
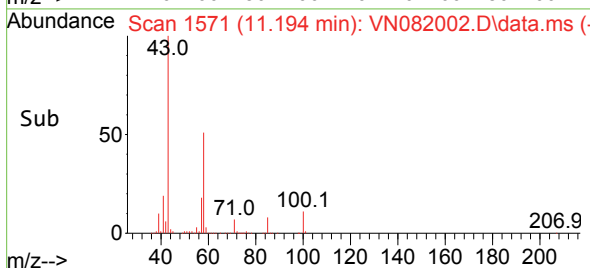
Tgt Ion: 43 Resp: 410983
Ion Ratio Lower Upper
43 100
58 38.1 36.5 54.7
85 16.1 19.5 29.3#

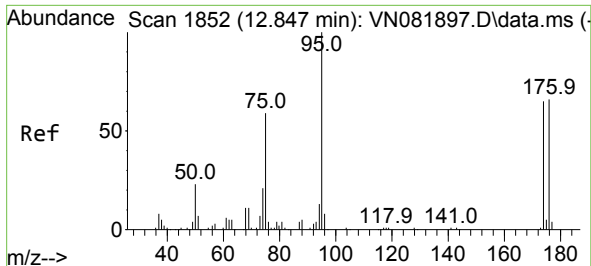


#59
2-Hexanone
Concen: 108.030 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN082002.D
Acq: 06 May 2024 11:49



Tgt Ion: 43 Resp: 313074
Ion Ratio Lower Upper
43 100
58 52.0 50.4 75.6
57 18.2 18.6 27.8#

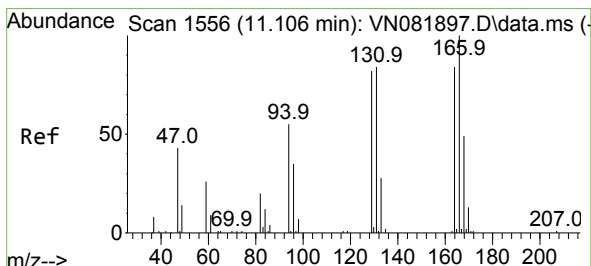
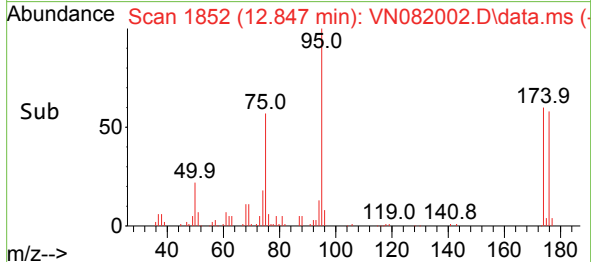
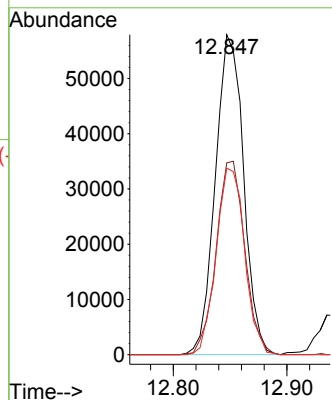
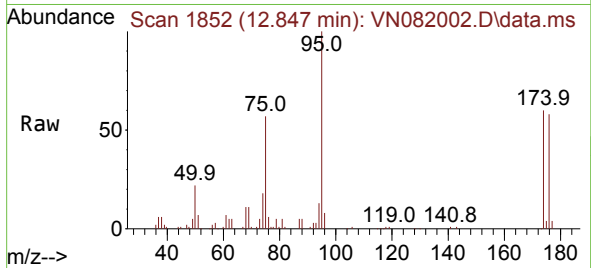




#60
4-Bromofluorobenzene
Concen: 29.841 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN082002.D
Acq: 06 May 2024 11:49

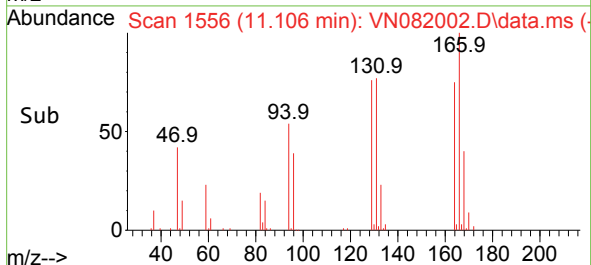
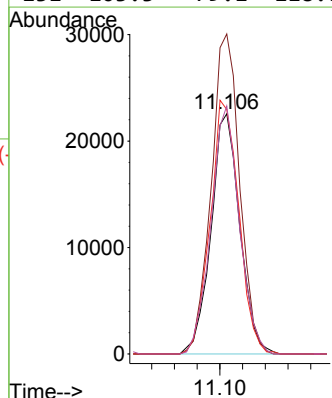
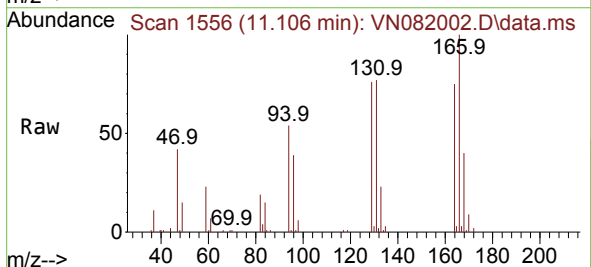
Instrument :
MSVOA_N
ClientSampleId :

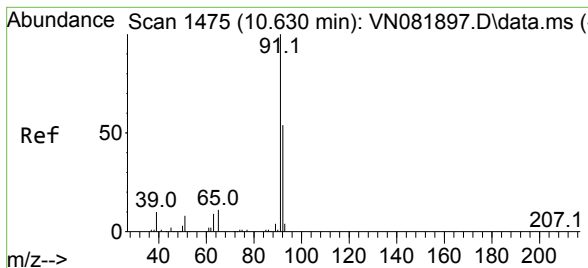
Tgt Ion: 95 Resp: 99969
Ion Ratio Lower Upper
95 100
174 61.4 60.5 90.7
176 58.8 57.8 86.6



#61
Tetrachloroethene
Concen: 17.719 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN082002.D
Acq: 06 May 2024 11:49

Tgt Ion:164 Resp: 39578
Ion Ratio Lower Upper
164 100
166 133.3 106.7 160.1
129 101.8 85.8 128.6
131 103.3 79.1 118.7





#62

Toluene

Concen: 19.793 ug/l

RT: 10.630 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VN082002.D

Acq: 06 May 2024 11:49

Instrument :

MSVOA_N

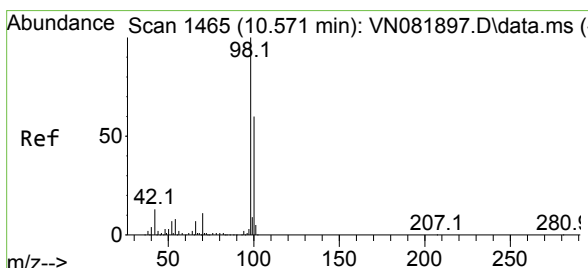
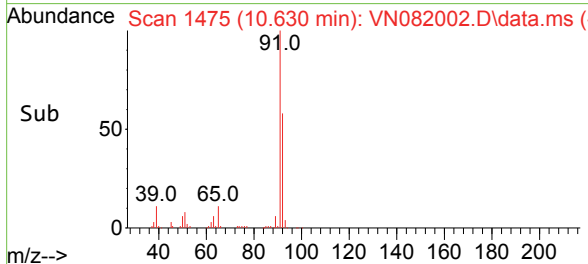
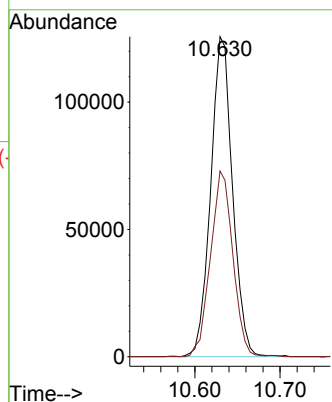
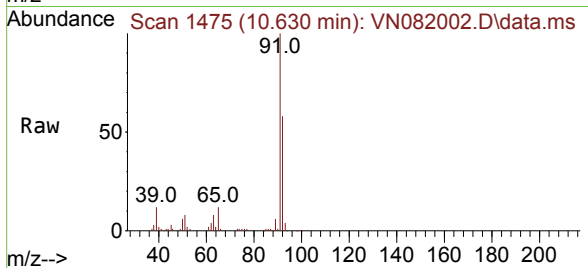
ClientSampleId :

Tgt Ion: 91 Resp: 224182

Ion Ratio Lower Upper

91 100

92 59.3 46.5 69.7



#63

Toluene-d8

Concen: 30.986 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VN082002.D

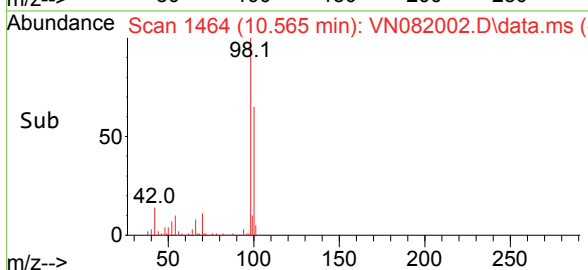
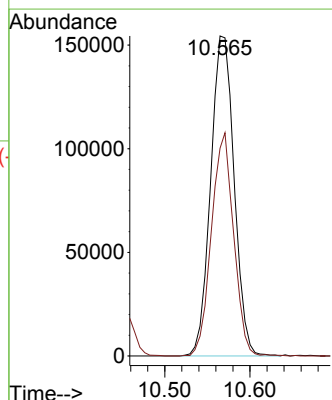
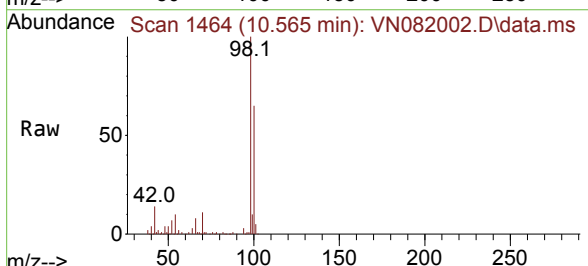
Acq: 06 May 2024 11:49

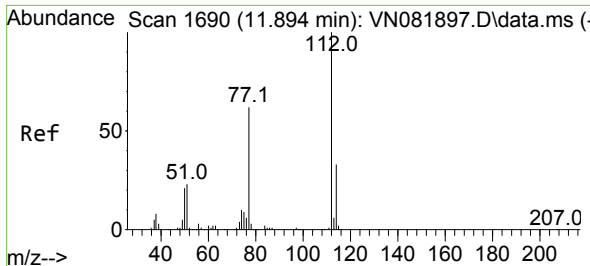
Tgt Ion: 98 Resp: 296216

Ion Ratio Lower Upper

98 100

100 65.3 52.7 79.1

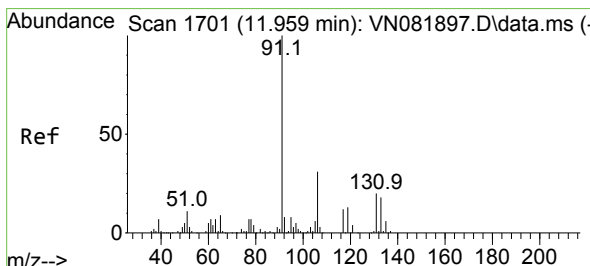
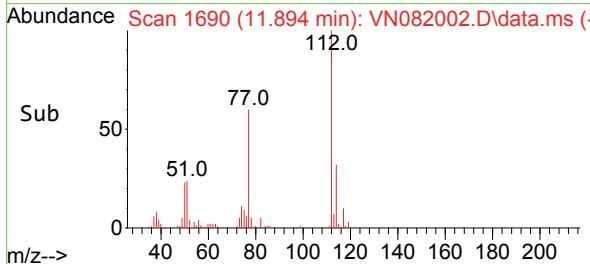
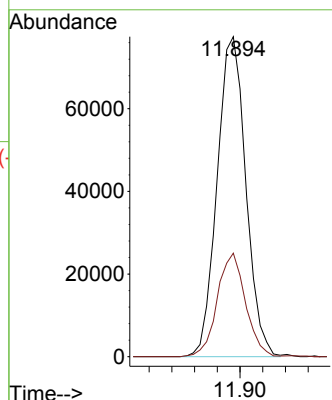
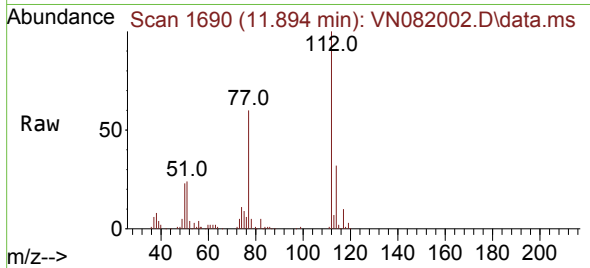




#64
Chlorobenzene
Concen: 19.611 ug/l
RT: 11.894 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082002.D
Acq: 06 May 2024 11:49

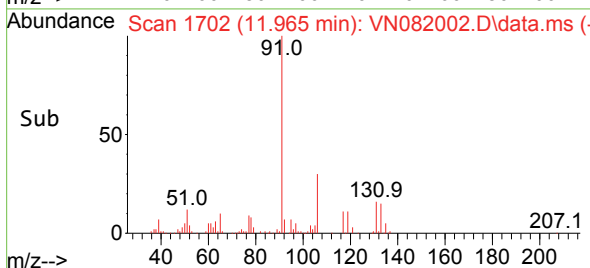
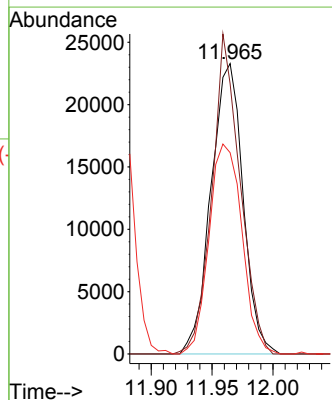
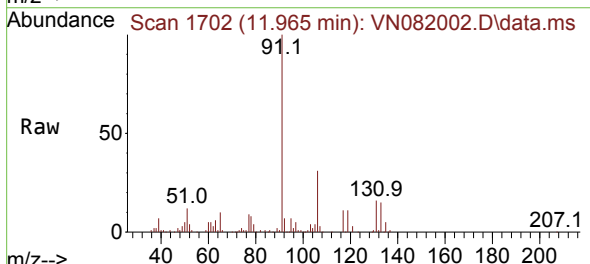
Instrument :
MSVOA_N
ClientSampleId :

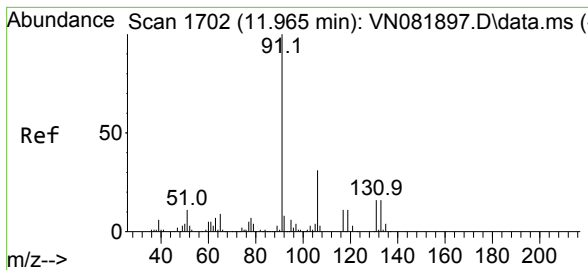
Tgt Ion:112 Resp: 135855
Ion Ratio Lower Upper
112 100
114 32.4 26.6 39.8



#65
1,1,1,2-Tetrachloroethane
Concen: 18.766 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN082002.D
Acq: 06 May 2024 11:49

Tgt Ion:131 Resp: 42550
Ion Ratio Lower Upper
131 100
133 96.8 0.0 188.0
119 74.4 0.0 122.8

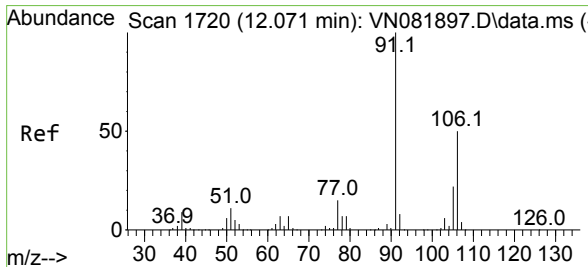
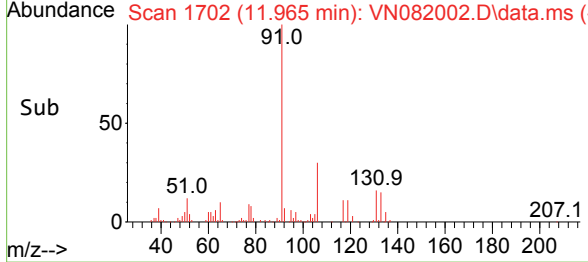
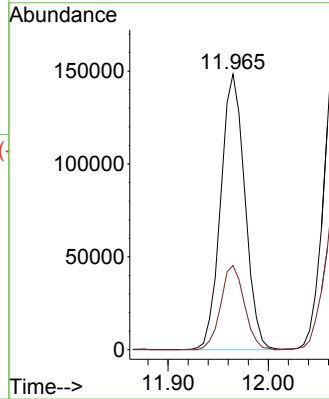
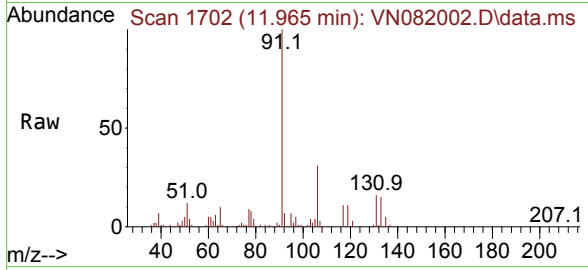




#66
Ethyl Benzene
Concen: 19.978 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN082002.D
Acq: 06 May 2024 11:49

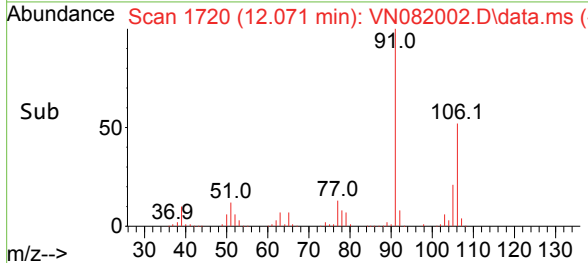
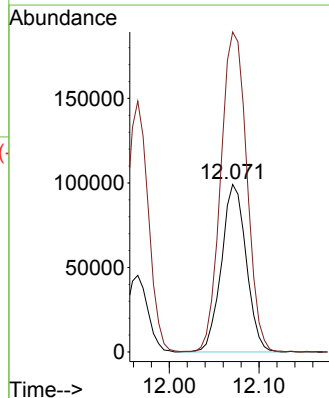
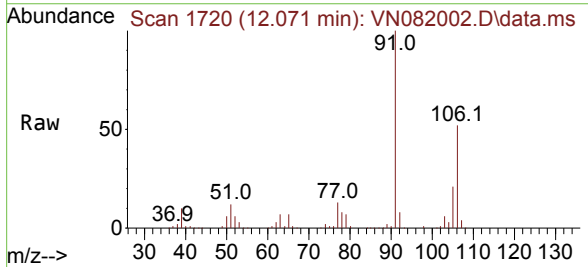
Instrument :
MSVOA_N
ClientSampleId :

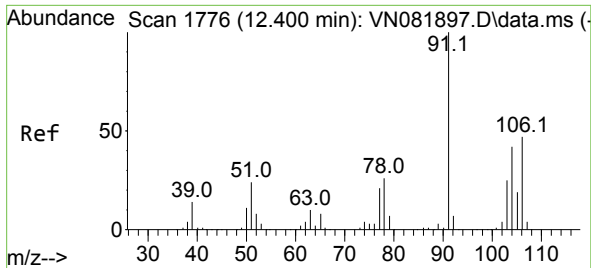
Tgt Ion: 91 Resp: 248033
Ion Ratio Lower Upper
91 100
106 30.6 24.4 36.6



#67
m/p-Xylenes
Concen: 41.272 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN082002.D
Acq: 06 May 2024 11:49

Tgt Ion:106 Resp: 189980
Ion Ratio Lower Upper
106 100
91 201.3 166.6 249.8

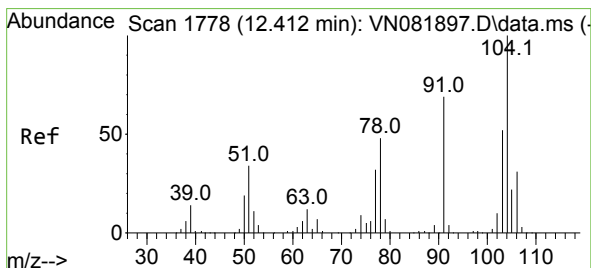
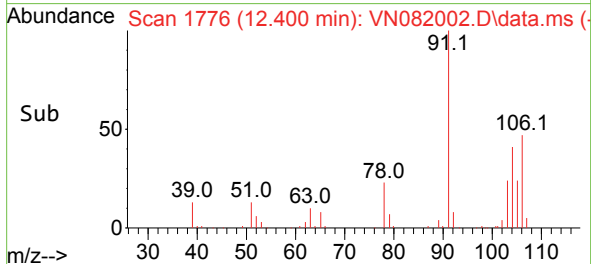
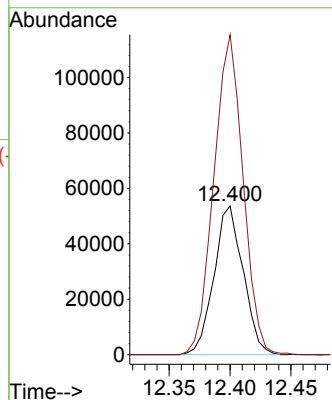
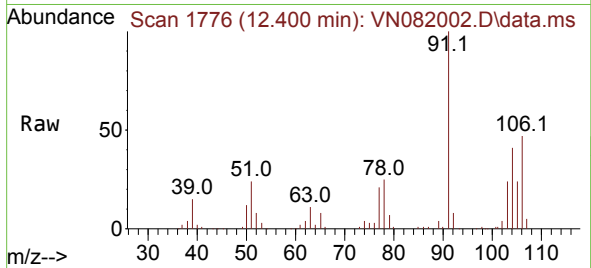




#68
o-Xylene
Concen: 19.643 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN082002.D
Acq: 06 May 2024 11:49

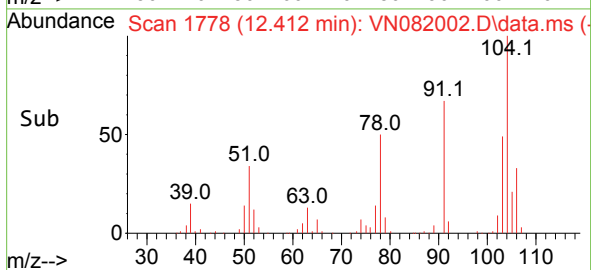
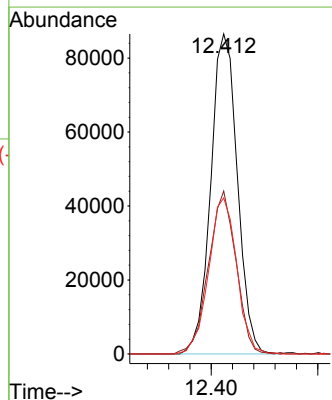
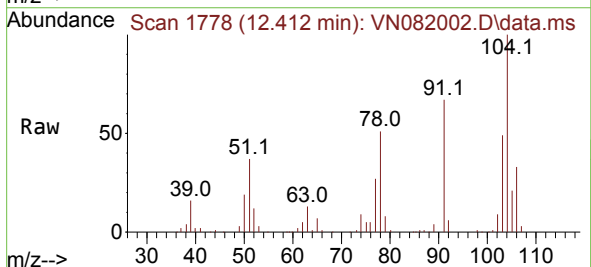
Instrument :
MSVOA_N
ClientSampleId :

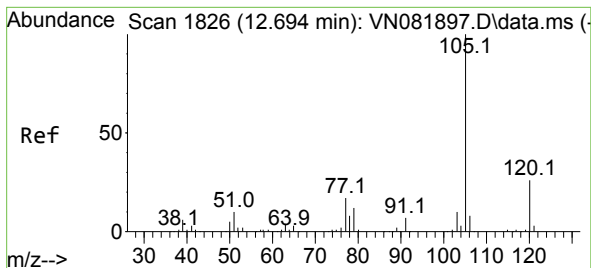
Tgt Ion:106 Resp: 89457
Ion Ratio Lower Upper
106 100
91 215.3 110.0 330.0



#69
Styrene
Concen: 19.642 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN082002.D
Acq: 06 May 2024 11:49

Tgt Ion:104 Resp: 150160
Ion Ratio Lower Upper
104 100
78 52.4 42.6 64.0
103 51.4 43.7 65.5





#70

Isopropylbenzene

Concen: 20.023 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN082002.D

Acq: 06 May 2024 11:49

Instrument :

MSVOA_N

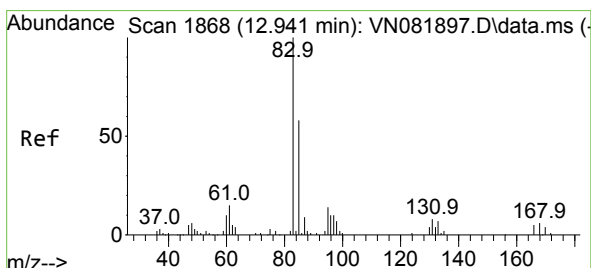
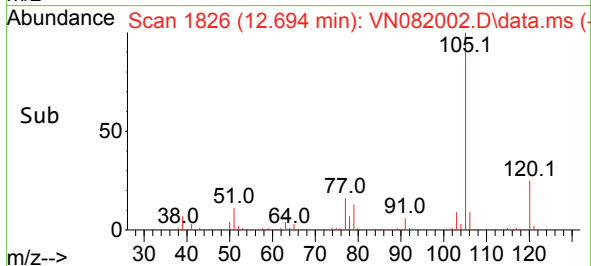
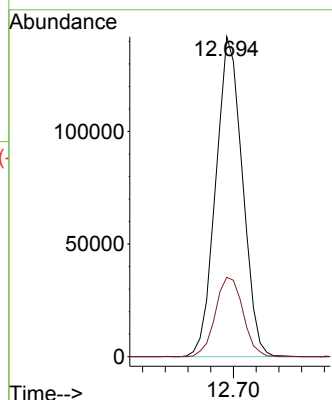
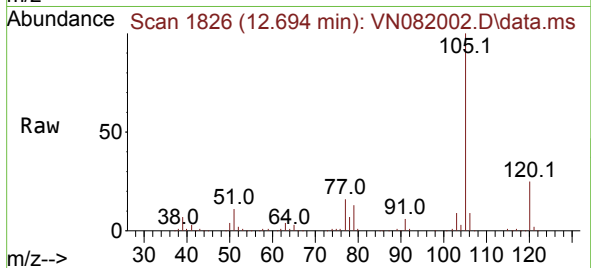
ClientSampleId :

Tgt Ion:105 Resp: 231594

Ion Ratio Lower Upper

105 100

120 25.7 17.8 33.1



#71

1,1,2,2-Tetrachloroethane

Concen: 22.355 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. -0.006 min

Lab File: VN082002.D

Acq: 06 May 2024 11:49

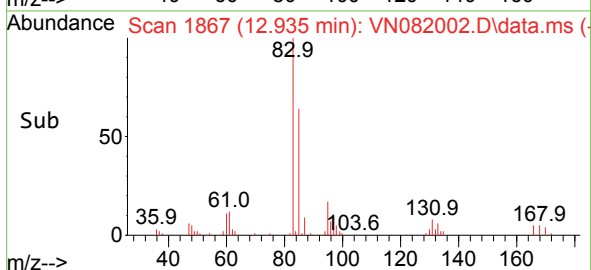
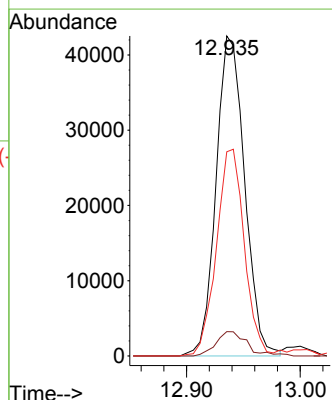
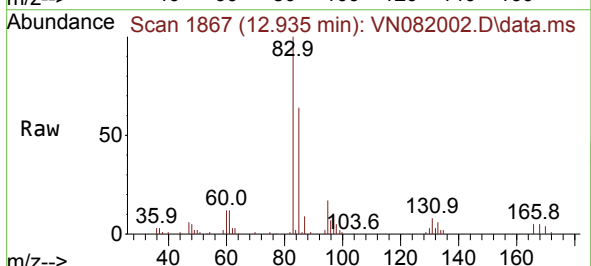
Tgt Ion: 83 Resp: 74409

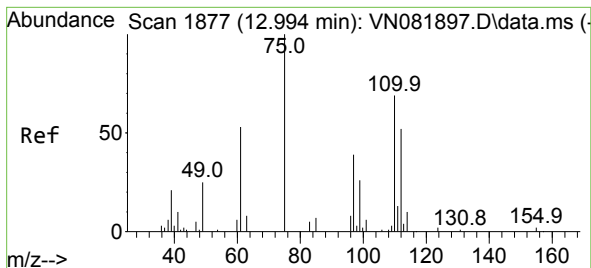
Ion Ratio Lower Upper

83 100

131 7.7 5.2 15.6

85 63.0 32.3 96.8





#72

1,2,3-Trichloropropane

Concen: 32.243 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. -0.000 min

Lab File: VN082002.D

Acq: 06 May 2024 11:49

Instrument :

MSVOA_N

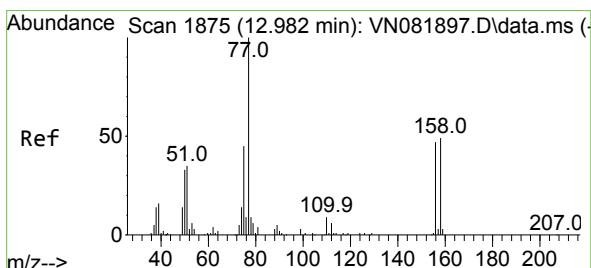
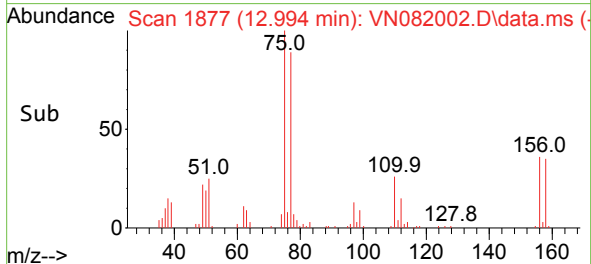
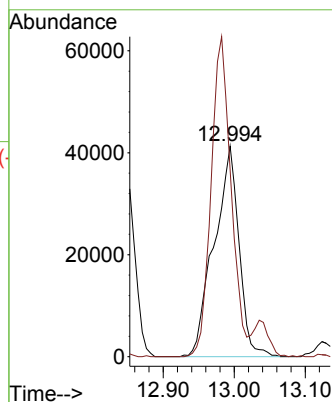
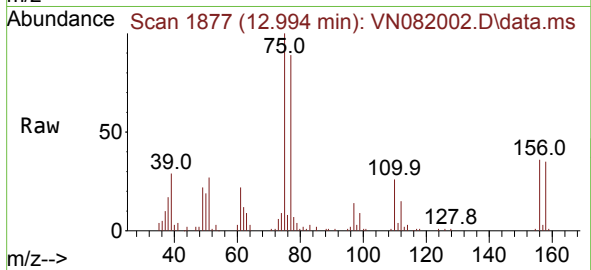
ClientSampleId :

Tgt Ion: 75 Resp: 100333

Ion Ratio Lower Upper

75 100

77 121.8 0.0 367.6



#73

Bromobenzene

Concen: 18.895 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN082002.D

Acq: 06 May 2024 11:49

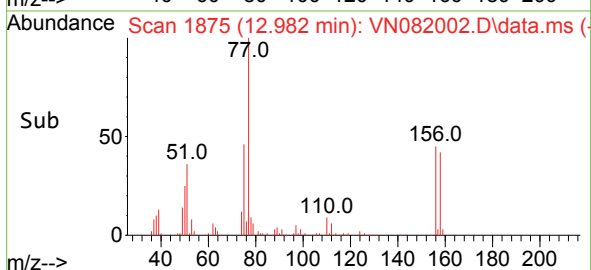
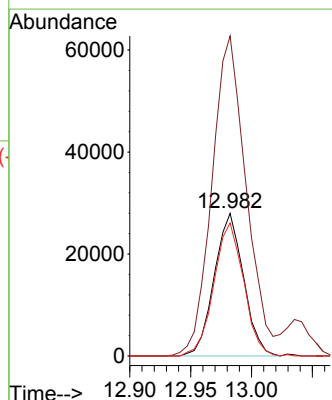
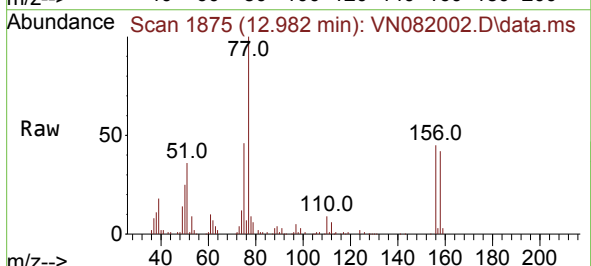
Tgt Ion:156 Resp: 46783

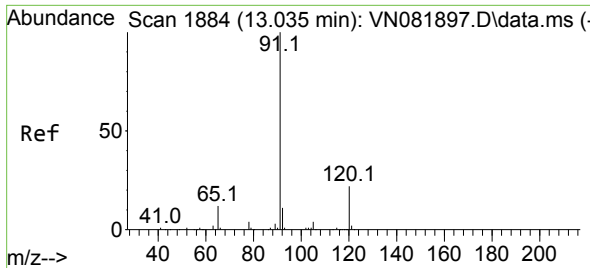
Ion Ratio Lower Upper

156 100

77 261.2 0.0 437.6

158 94.5 0.0 203.8

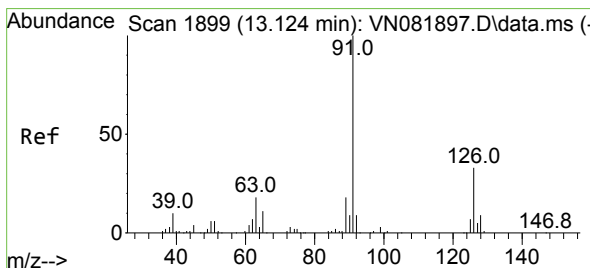
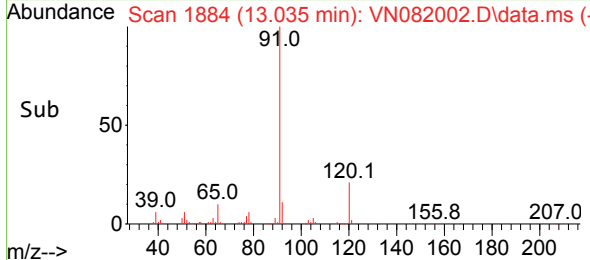
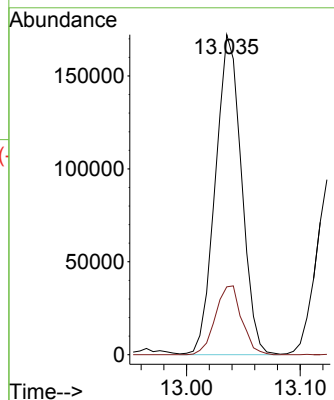
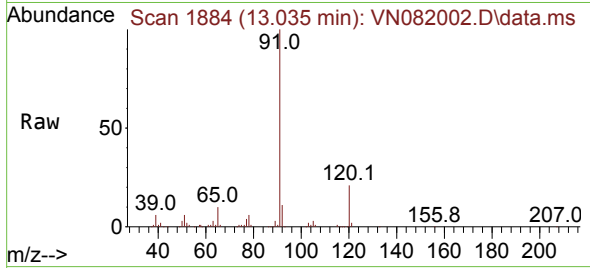




#74
n-propylbenzene
Concen: 20.148 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN082002.D
Acq: 06 May 2024 11:49

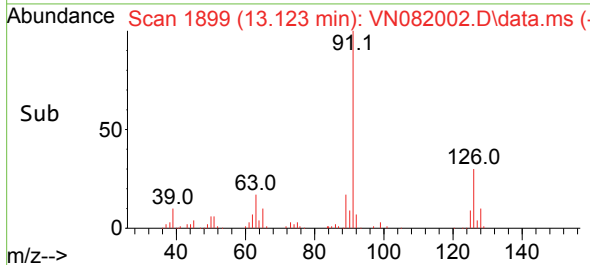
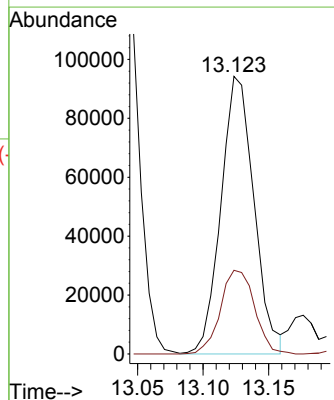
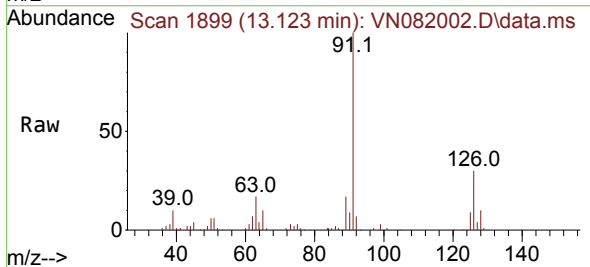
Instrument :
MSVOA_N
ClientSampleId :

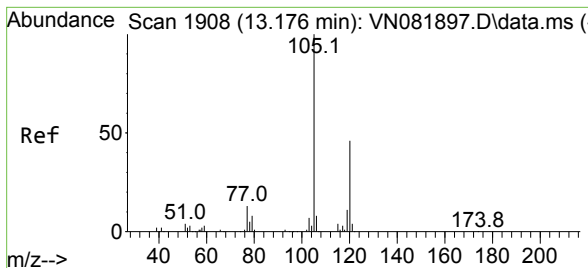
Tgt Ion: 91 Resp: 274941
Ion Ratio Lower Upper
91 100
120 21.7 0.0 43.8



#75
2-Chlorotoluene
Concen: 19.569 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN082002.D
Acq: 06 May 2024 11:49

Tgt Ion: 91 Resp: 165197
Ion Ratio Lower Upper
91 100
126 31.1 0.0 61.2





#76

1,3,5-Trimethylbenzene

Concen: 20.027 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VN082002.D

Acq: 06 May 2024 11:49

Instrument :

MSVOA_N

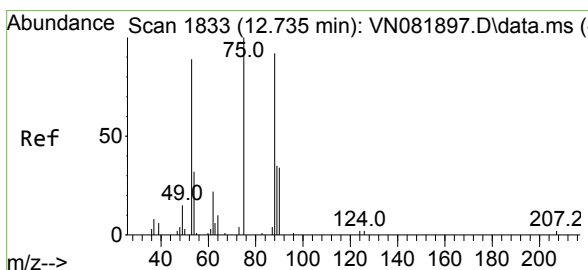
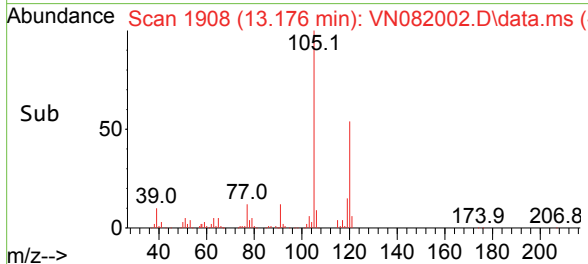
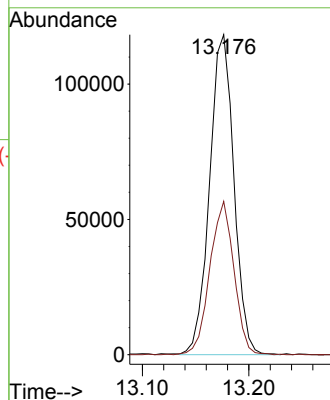
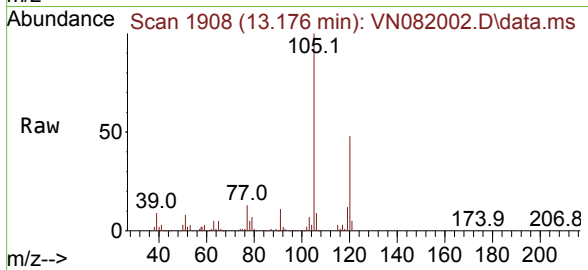
ClientSampleId :

Tgt Ion:105 Resp: 187494

Ion Ratio Lower Upper

105 100

120 47.4 0.0 95.8



#77

t-1,4-Dichloro-2-butene

Concen: 21.869 ug/l

RT: 12.741 min Scan# 1834

Delta R.T. 0.006 min

Lab File: VN082002.D

Acq: 06 May 2024 11:49

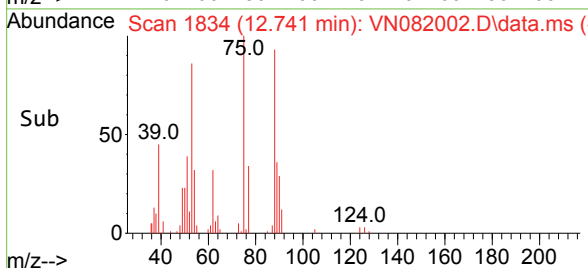
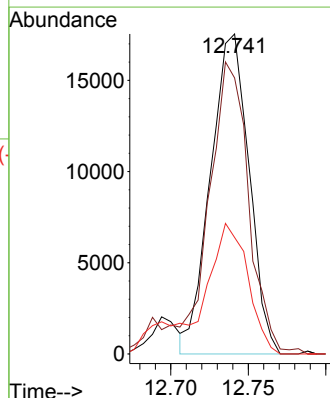
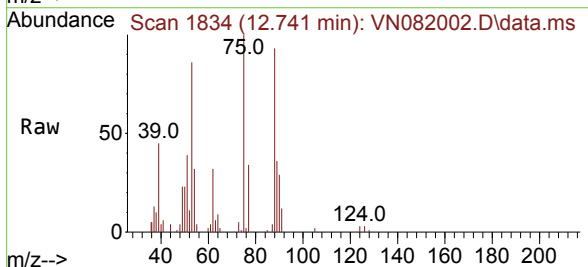
Tgt Ion: 75 Resp: 30289

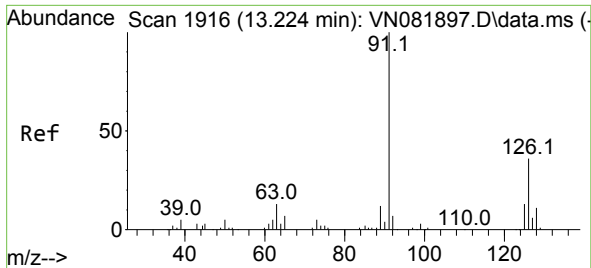
Ion Ratio Lower Upper

75 100

53 84.7 45.9 137.7

89 36.4 25.9 77.7

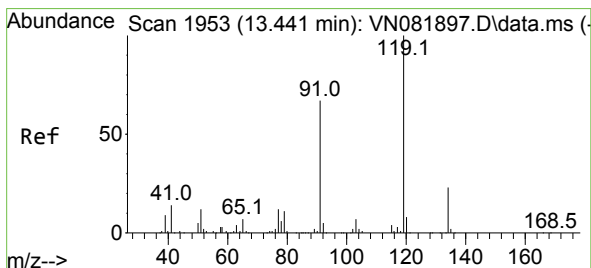
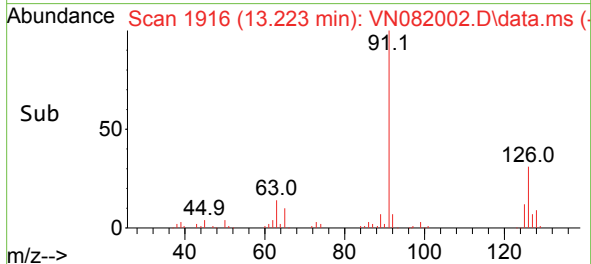
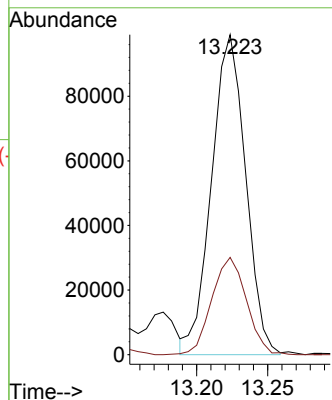
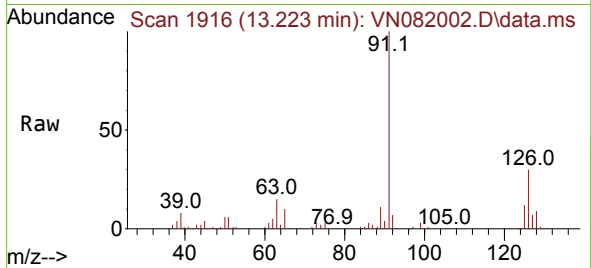




#78
4-Chlorotoluene
Concen: 19.981 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN082002.D
Acq: 06 May 2024 11:49

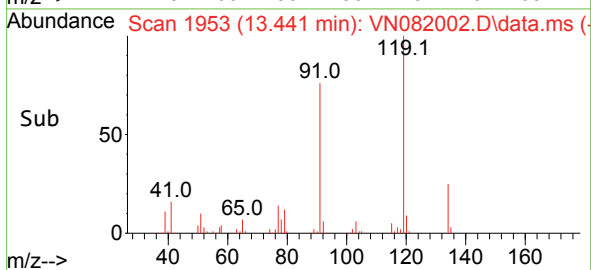
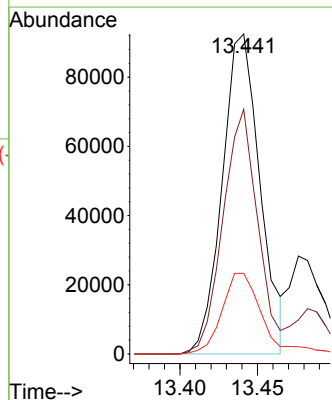
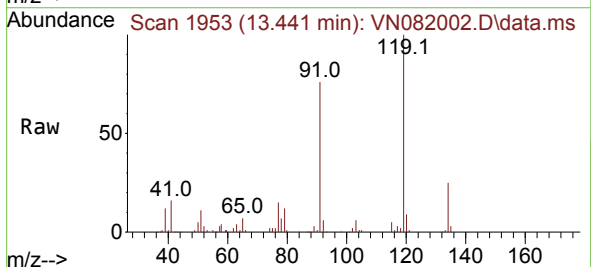
Instrument :
MSVOA_N
ClientSampleId :

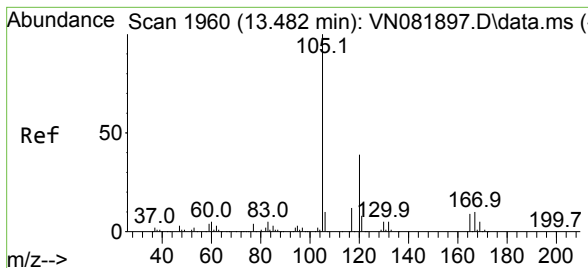
Tgt Ion: 91 Resp: 165251
Ion Ratio Lower Upper
91 100
126 30.7 0.0 62.8



#79
tert-butylbenzene
Concen: 19.481 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN082002.D
Acq: 06 May 2024 11:49

Tgt Ion: 119 Resp: 157030
Ion Ratio Lower Upper
119 100
91 70.3 0.0 138.8
134 24.8 0.0 48.6

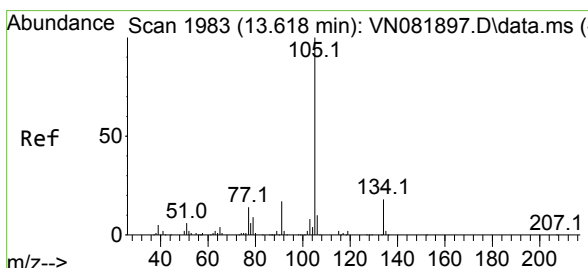
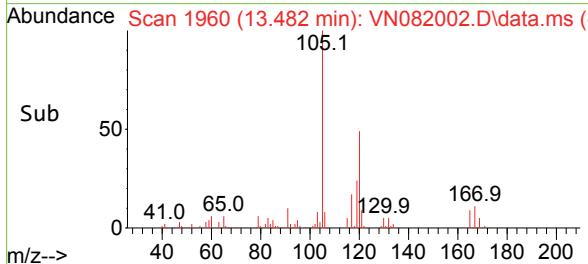
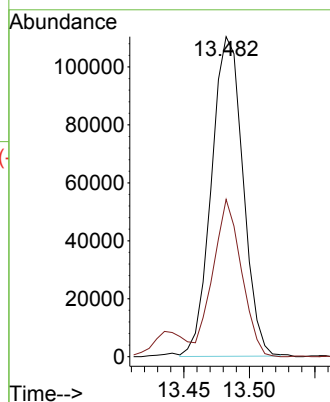
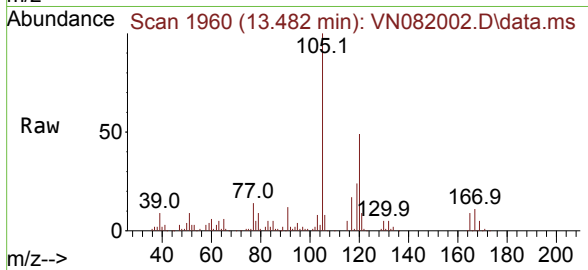




#80
1,2,4-Trimethylbenzene
Concen: 19.619 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN082002.D
Acq: 06 May 2024 11:49

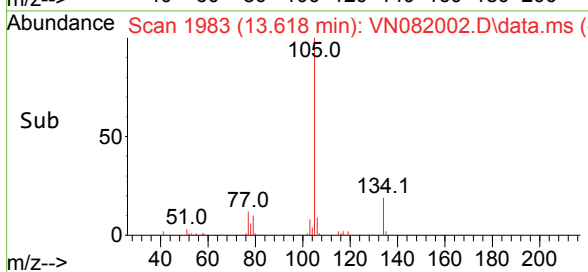
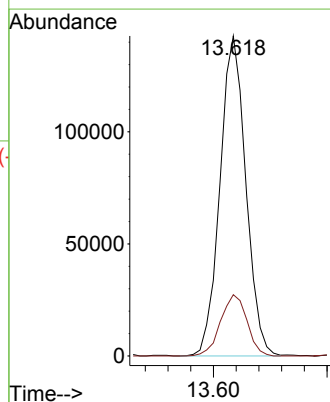
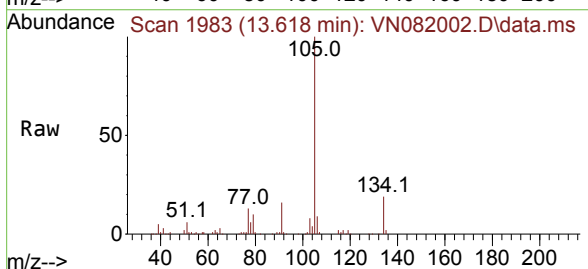
Instrument :
MSVOA_N
ClientSampleId :

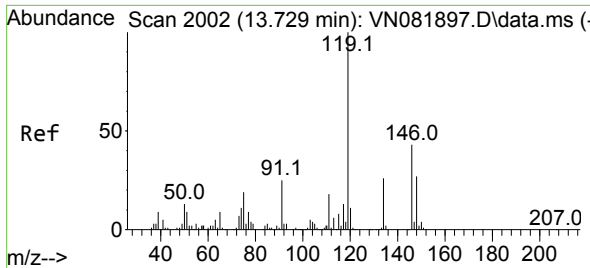
Tgt Ion:105 Resp: 184492
Ion Ratio Lower Upper
105 100
120 44.2 0.0 86.8



#81
sec-Butylbenzene
Concen: 19.969 ug/l
RT: 13.618 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VN082002.D
Acq: 06 May 2024 11:49

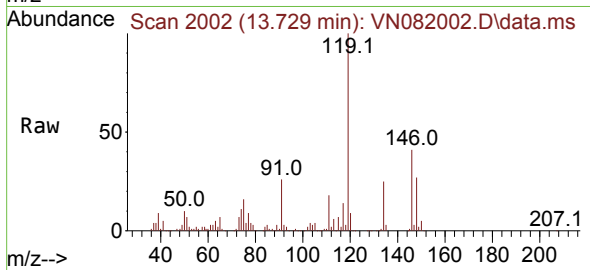
Tgt Ion:105 Resp: 225634
Ion Ratio Lower Upper
105 100
134 19.5 0.0 39.0



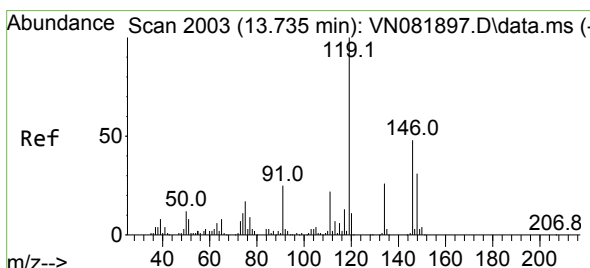
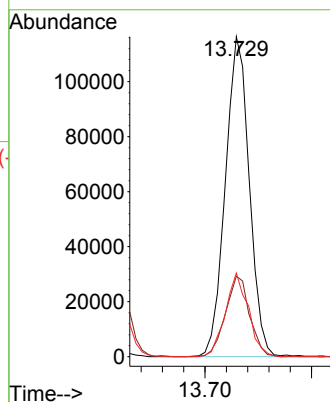
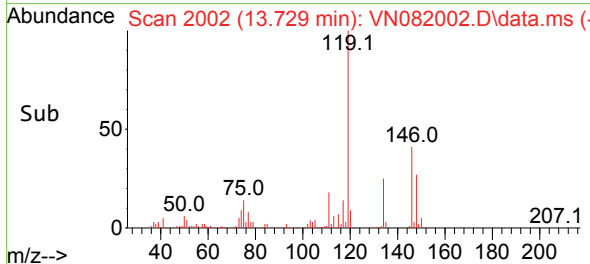


#82
 p-Isopropyltoluene
 Concen: 20.301 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN082002.D
 Acq: 06 May 2024 11:49

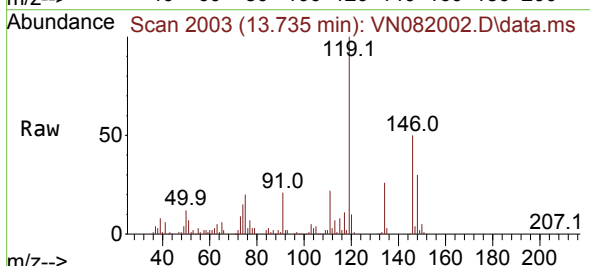
Instrument :
 MSVOA_N
 ClientSampleId :



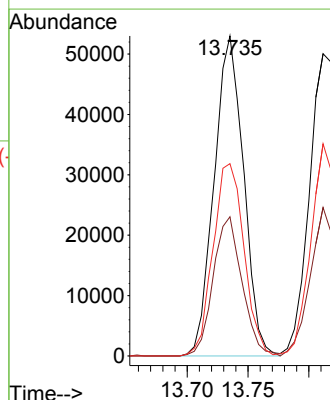
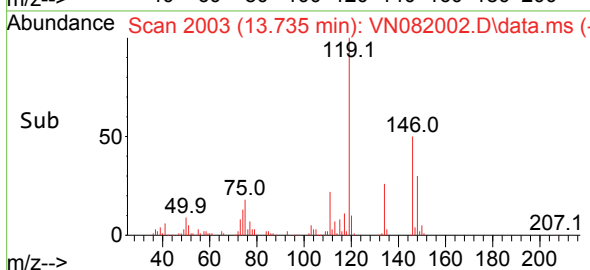
Tgt Ion:119 Resp: 181384
 Ion Ratio Lower Upper
 119 100
 134 25.4 0.0 49.2
 91 25.1 0.0 48.8

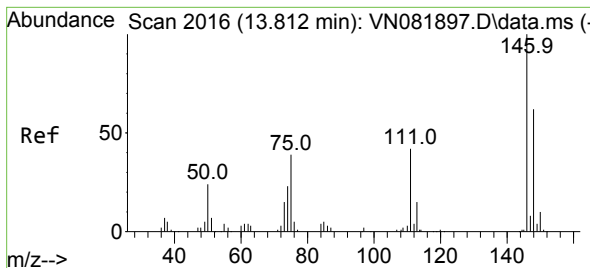


#83
 1,3-Dichlorobenzene
 Concen: 20.034 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN082002.D
 Acq: 06 May 2024 11:49



Tgt Ion:146 Resp: 89318
 Ion Ratio Lower Upper
 146 100
 111 42.5 22.4 67.0
 148 63.1 32.1 96.5





#84

1,4-Dichlorobenzene

Concen: 19.668 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN082002.D

Acq: 06 May 2024 11:49

Instrument :

MSVOA_N

ClientSampleId :

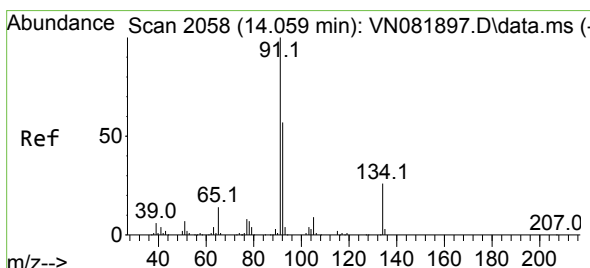
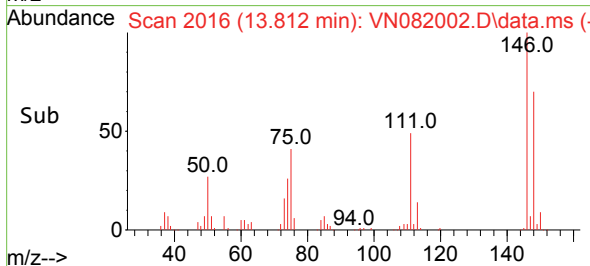
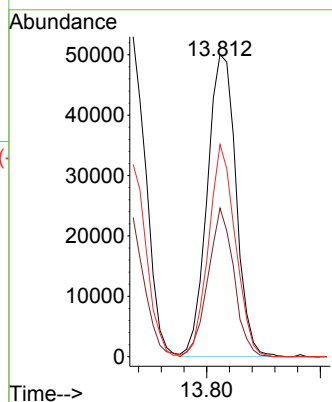
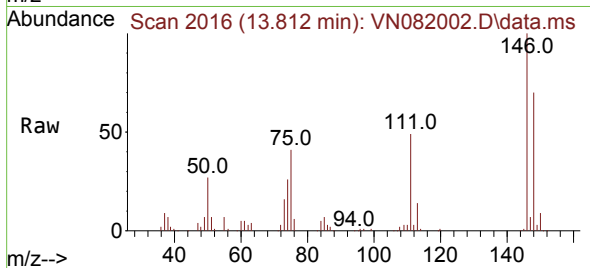
Tgt Ion:146 Resp: 88134

Ion Ratio Lower Upper

146 100

111 44.2 21.3 63.9

148 65.7 31.9 95.5



#85

n-Butylbenzene

Concen: 21.166 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN082002.D

Acq: 06 May 2024 11:49

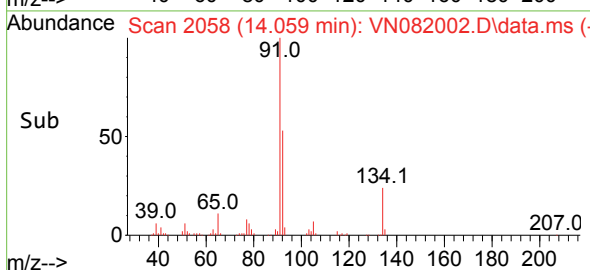
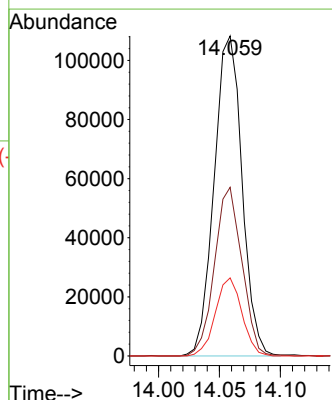
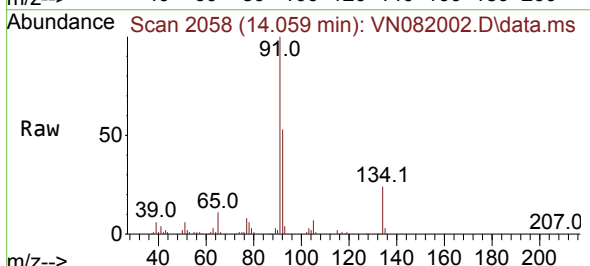
Tgt Ion: 91 Resp: 172750

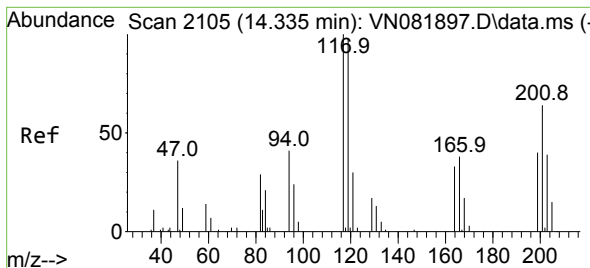
Ion Ratio Lower Upper

91 100

92 51.6 0.0 105.0

134 23.2 0.0 51.8





#86

Hexachloroethane

Concen: 20.209 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. -0.000 min

Lab File: VN082002.D

Acq: 06 May 2024 11:49

Instrument :

MSVOA_N

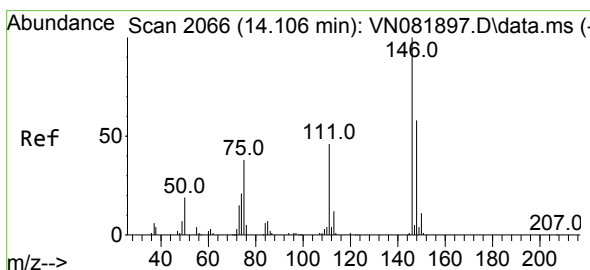
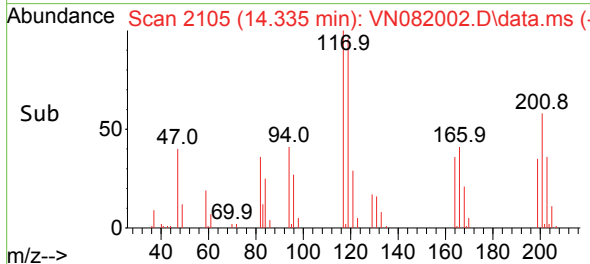
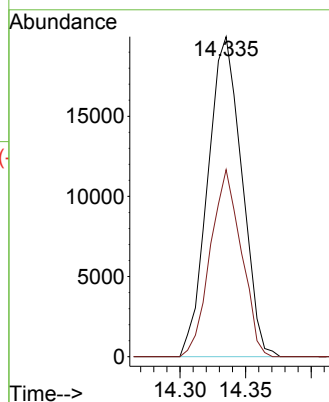
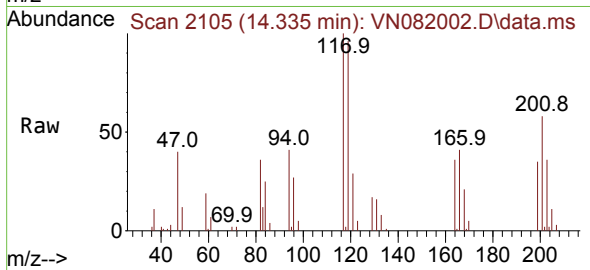
ClientSampleId :

Tgt Ion:117 Resp: 36003

Ion Ratio Lower Upper

117 100

201 53.4 38.0 114.0



#87

1,2-Dichlorobenzene

Concen: 19.761 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VN082002.D

Acq: 06 May 2024 11:49

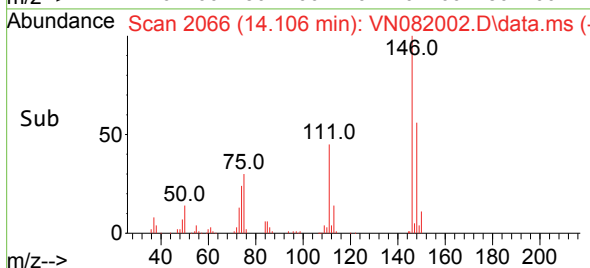
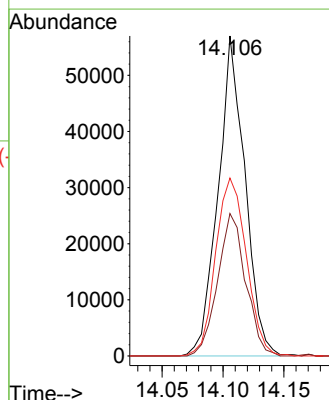
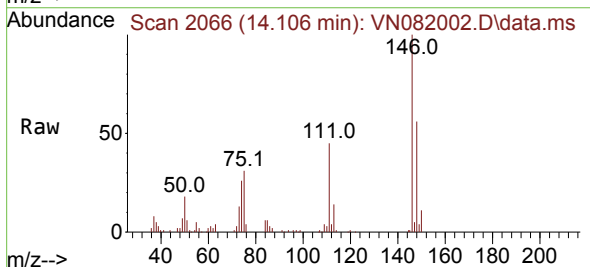
Tgt Ion:146 Resp: 87743

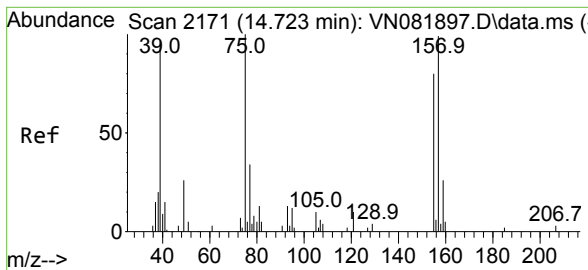
Ion Ratio Lower Upper

146 100

111 46.4 22.6 67.8

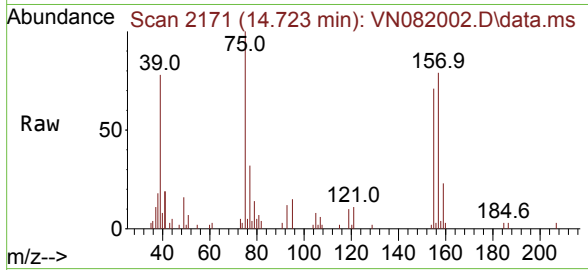
148 63.4 31.3 93.8



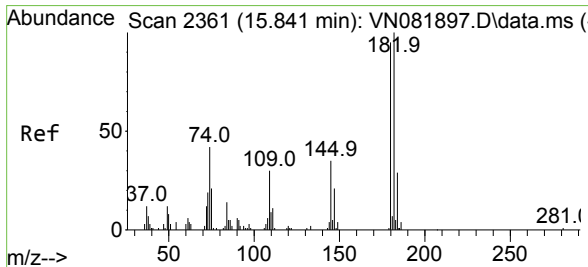
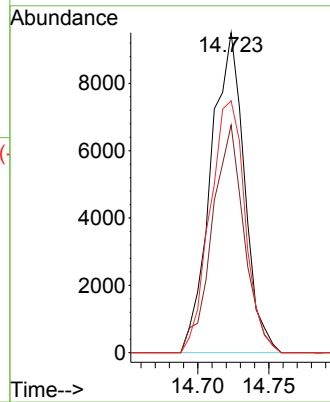
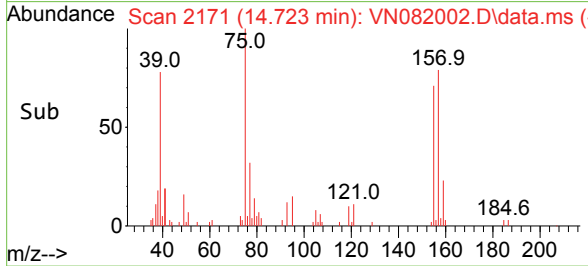


#88
 1,2-Dibromo-3-Chloropropane
 Concen: 20.800 ug/l
 RT: 14.723 min Scan# 2171
 Delta R.T. -0.000 min
 Lab File: VN082002.D
 Acq: 06 May 2024 11:49

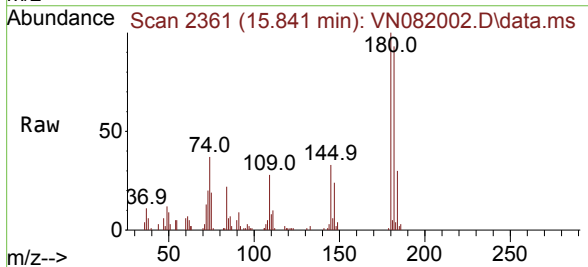
Instrument :
 MSVOA_N
 ClientSampleId :



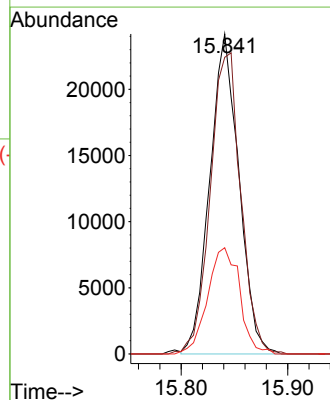
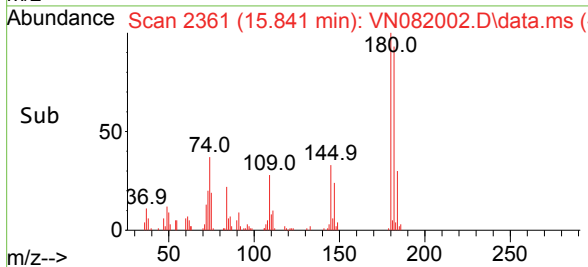
Tgt Ion: 75 Resp: 15536
 Ion Ratio Lower Upper
 75 100
 155 68.3 61.7 92.5
 157 82.8 83.6 125.4#

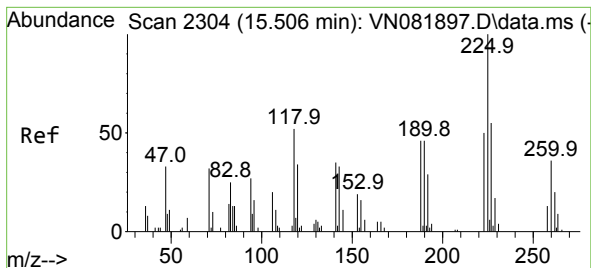


#89
 1,2,4-Trichlorobenzene
 Concen: 18.770 ug/l
 RT: 15.841 min Scan# 2361
 Delta R.T. -0.000 min
 Lab File: VN082002.D
 Acq: 06 May 2024 11:49



Tgt Ion: 180 Resp: 45891
 Ion Ratio Lower Upper
 180 100
 182 98.4 76.4 114.6
 145 36.3 28.4 42.6





#90

Hexachlorobutadiene

Concen: 18.956 ug/l

RT: 15.500 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN082002.D

Acq: 06 May 2024 11:49

Instrument :

MSVOA_N

ClientSampleId :

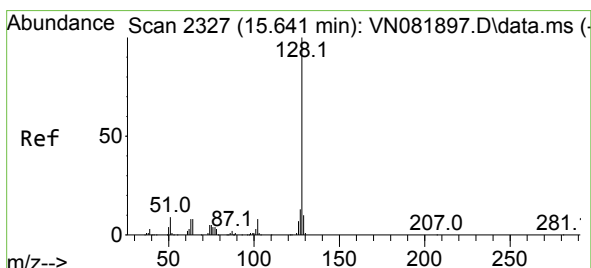
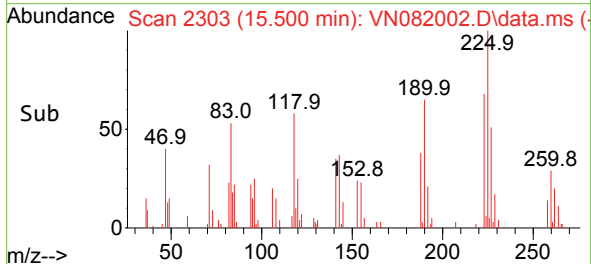
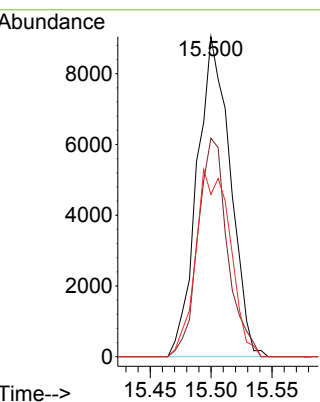
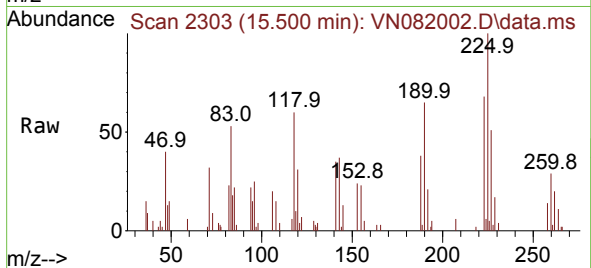
Tgt Ion:225 Resp: 17165

Ion Ratio Lower Upper

225 100

223 60.9 0.0 126.6

227 31.4 0.0 126.6



#91

Naphthalene

Concen: 19.534 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN082002.D

Acq: 06 May 2024 11:49

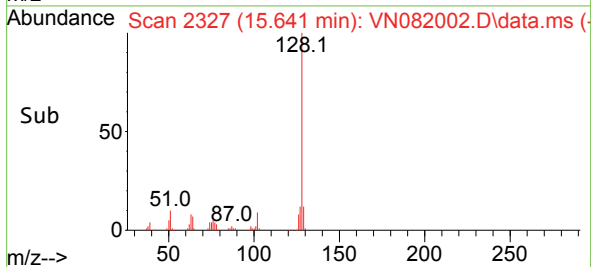
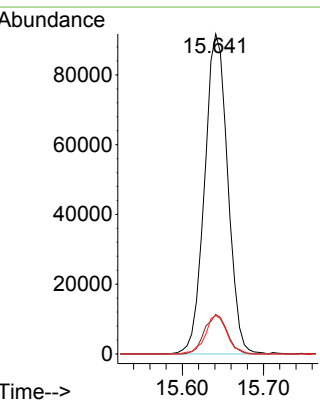
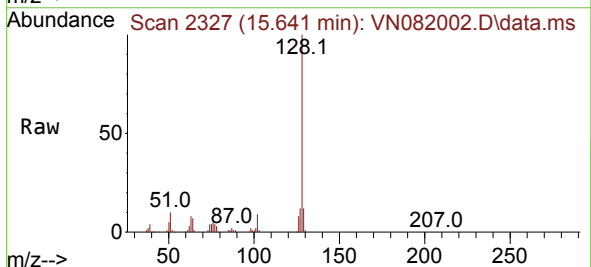
Tgt Ion:128 Resp: 181557

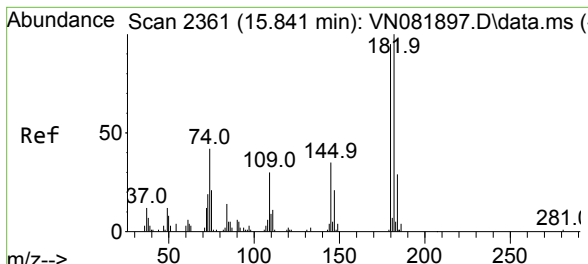
Ion Ratio Lower Upper

128 100

127 12.0 10.6 16.0

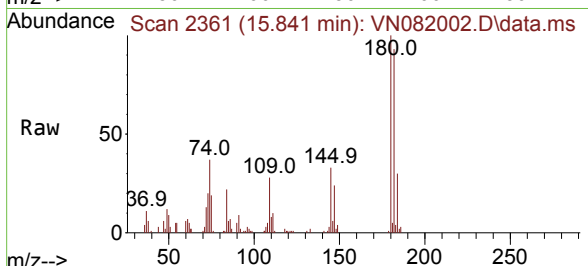
129 11.3 8.6 13.0





#92
 1,2,3-Trichlorobenzene
 Concen: 18.770 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN082002.D
 Acq: 06 May 2024 11:49

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	45891
Ion Ratio	Lower	Upper	
180	100		
182	98.4	0.0	191.0
145	36.3	0.0	71.0

