

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052124\
 Data File : VN082234.D
 Acq On : 21 May 2024 12:40
 Operator : JC\MD
 Sample : P2541-01DL 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 50322DL

Quant Time: May 22 01:25:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	166167	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	292698	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	271392	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	121971	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	135836	51.770	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.540%	
35) Dibromofluoromethane	8.171	113	96752	53.735	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.460%	
50) Toluene-d8	10.570	98	370646	53.692	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 107.380%	
62) 4-Bromofluorobenzene	12.853	95	129952	52.743	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 105.480%	

Target Compounds						Qvalue
3) Chloromethane	2.365	50	551	0.203	ug/l #	43
5) Bromomethane	2.971	94	596	0.406	ug/l	99
10) Methyl Iodide	4.589	142	650	0.331	ug/l #	40
11) Tert butyl alcohol	5.524	59	17954	42.628	ug/l	98
13) Acrolein	4.189	56	131	0.420	ug/l	99
14) Allyl chloride	5.283	41	4824	1.242	ug/l #	51
16) Acetone	4.430	43	124022	115.226	ug/l #	87
17) Carbon Disulfide	4.712	76	1957	0.334	ug/l #	74
20) Methylene Chloride	5.277	84	1056	0.486	ug/l #	54
25) 2-Butanone	7.488	43	12866	7.884	ug/l #	80
26) 2,2-Dichloropropane	7.430	77	7021	2.005	ug/l #	53
30) Chloroform	7.941	83	2321	0.581	ug/l #	19
31) Cyclohexane	8.224	56	9658	2.305	ug/l #	55
36) 1,1-Dichloropropene	8.224	75	16329	5.407	ug/l #	48
37) Ethyl Acetate	7.488	43	12866	3.807	ug/l #	68
38) Carbon Tetrachloride	8.224	117	18292	5.975	ug/l #	21
39) Methylcyclohexane	9.600	83	7144	2.158	ug/l #	72
41) Methacrylonitrile	7.835	41	854	0.430	ug/l #	35
43) Isopropyl Acetate	8.688	43	7933	1.325	ug/l #	52
47) Bromodichloromethane	9.871	83	925	0.287	ug/l #	25
48) Methyl methacrylate	9.653	41	1757	0.616	ug/l #	38
51) 4-Methyl-2-Pentanone	10.447	43	3042	0.894	ug/l #	73
52) Toluene	10.635	92	1426	0.264	ug/l	80
55) 1,1,2-Trichloroethane	11.000	97	1339	0.682	ug/l #	14
59) 2-Hexanone	11.194	43	2998	1.203	ug/l	62
67) Ethyl Benzene	11.970	91	14942	1.393	ug/l #	84
68) m/p-Xylenes	12.070	106	19451	4.948	ug/l	86
69) o-Xylene	12.400	106	7089	1.862	ug/l	93
70) Styrene	12.412	104	2061	0.326	ug/l #	46
71) Bromoform	12.847	173	623	1.092	ug/l #	1
73) Isopropylbenzene	12.694	105	9535	0.984	ug/l	97
74) N-amyl acetate	12.459	43	2568	0.482	ug/l #	40
76) 1,2,3-Trichloropropane	12.853	75	75485	29.404	ug/l #	1
78) n-propylbenzene	13.035	91	35141	3.063	ug/l	94
79) 2-Chlorotoluene	13.100	91	7228	1.003	ug/l #	40
80) 1,3,5-Trimethylbenzene	13.176	105	37791	4.823	ug/l	96

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

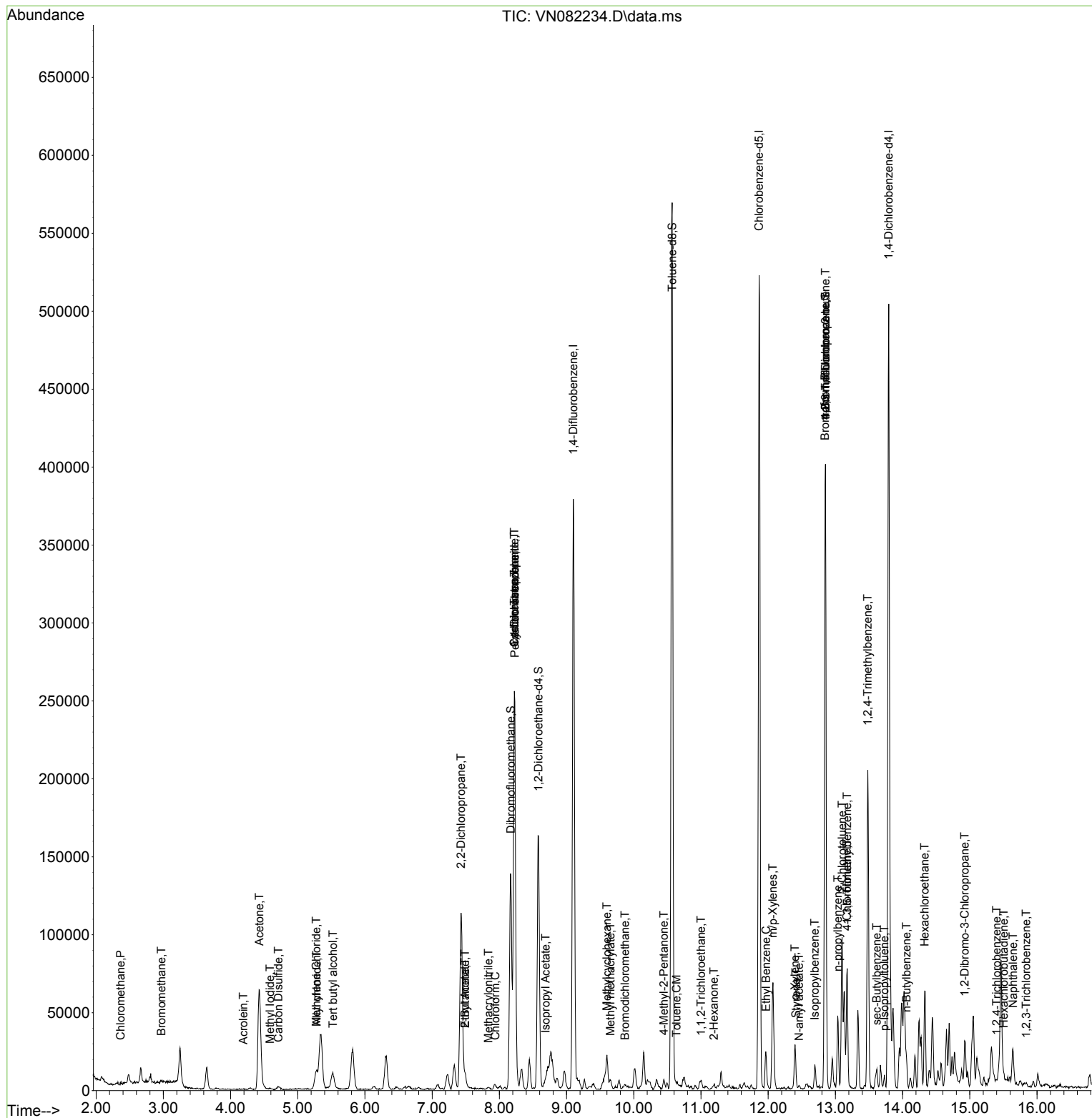
81) trans-1,4-Dichloro-2-b...	12.853	75	75485	68.774	ug/l #	12
82) 4-Chlorotoluene	13.170	91	3713	0.527	ug/l #	40
84) 1,2,4-Trimethylbenzene	13.482	105	109643	13.678	ug/l	97
85) sec-Butylbenzene	13.617	105	6073	0.639	ug/l #	64
86) p-Isopropyltoluene	13.729	119	4085	0.529	ug/l	93
89) n-Butylbenzene	14.059	91	10147	1.462	ug/l #	73
90) Hexachloroethane	14.329	117	3830	2.677	ug/l #	17
92) 1,2-Dibromo-3-Chloropr...	14.923	75	243	0.423	ug/l #	2
93) 1,2,4-Trichlorobenzene	15.400	180	658	0.296	ug/l #	20
94) Hexachlorobutadiene	15.505	225	595	0.611	ug/l #	65
95) Naphthalene	15.647	128	13949	2.005	ug/l	97
96) 1,2,3-Trichlorobenzene	15.841	180	1157	0.521	ug/l	81

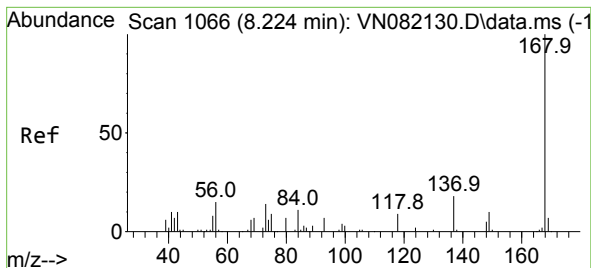
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.229 min Scan# 10

Delta R.T. 0.005 min

Lab File: VN082234.D

Acq: 21 May 2024 12:40

Instrument :

MSVOA_N

ClientSampleId :

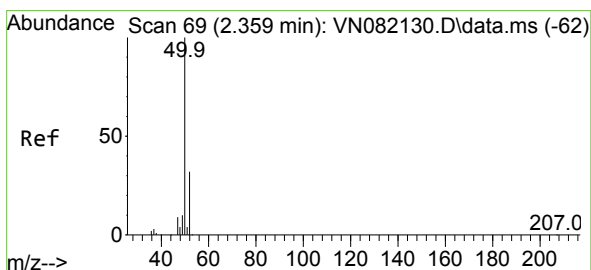
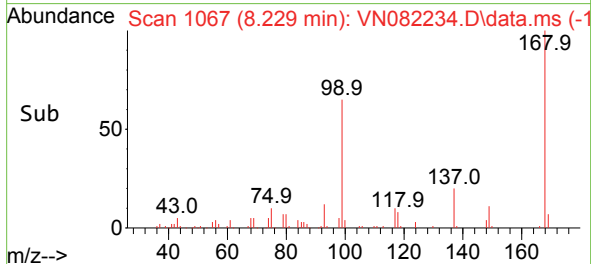
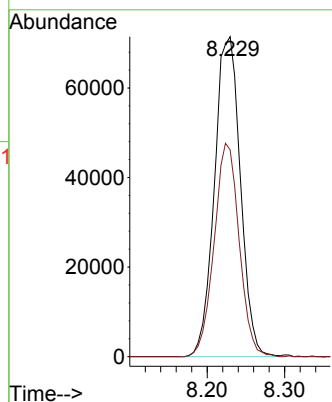
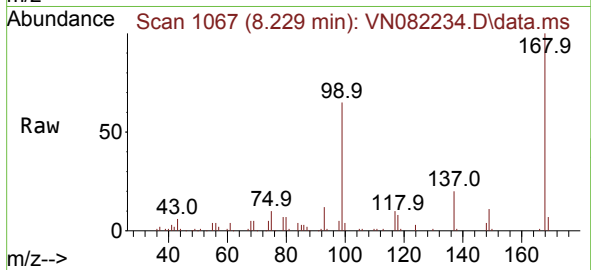
50322DL

Tgt Ion:168 Resp: 166167

Ion Ratio Lower Upper

168 100

99 64.7 48.2 72.4



#3

Chloromethane

Concen: 0.203 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.006 min

Lab File: VN082234.D

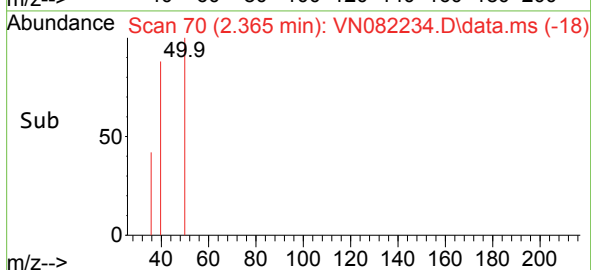
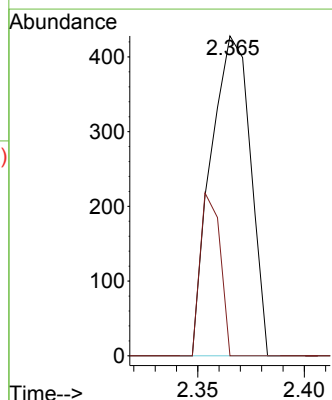
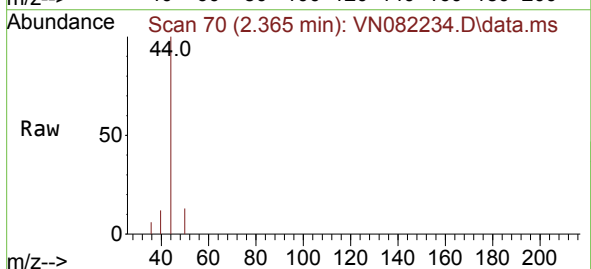
Acq: 21 May 2024 12:40

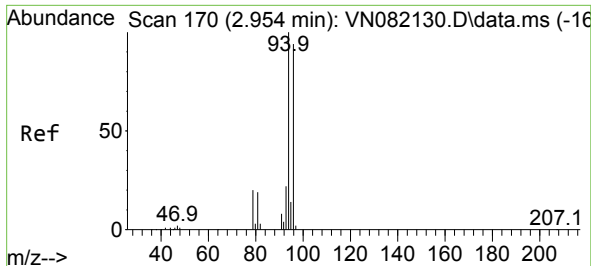
Tgt Ion: 50 Resp: 551

Ion Ratio Lower Upper

50 100

52 0.0 25.5 38.3#

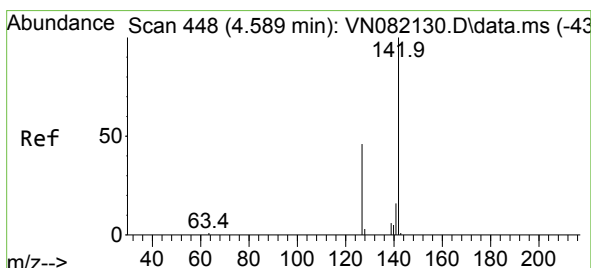
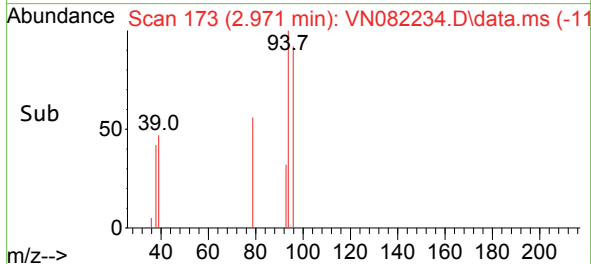
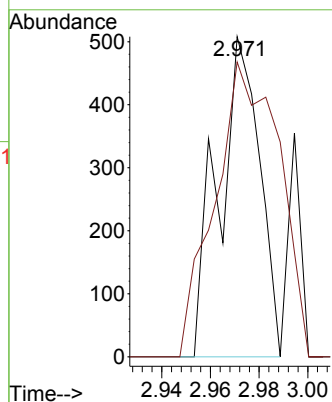
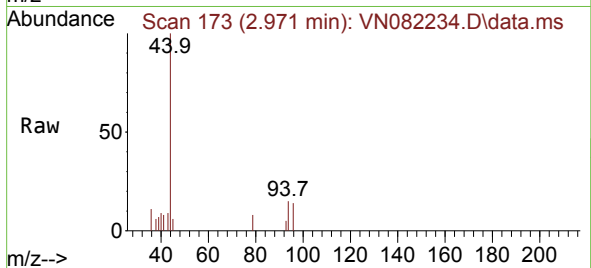




#5
Bromomethane
Concen: 0.406 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.017 min
Lab File: VN082234.D
Acq: 21 May 2024 12:40

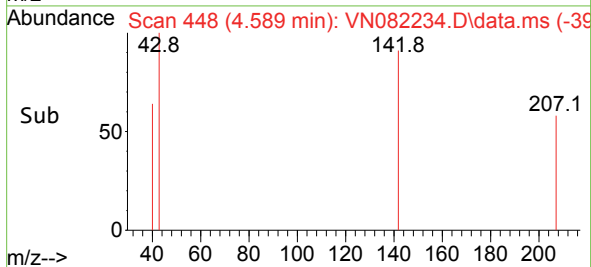
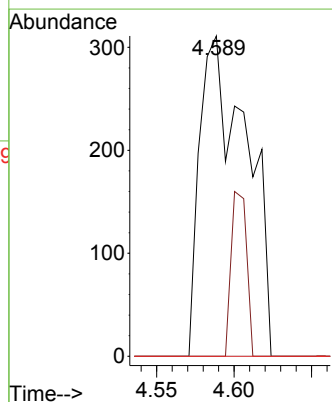
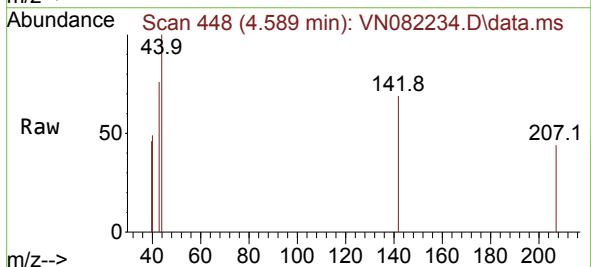
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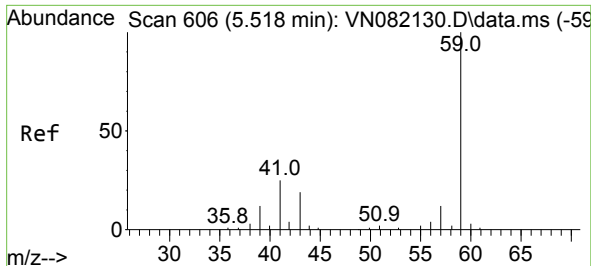
Tgt Ion: 94 Resp: 596
Ion Ratio Lower Upper
94 100
96 92.1 74.8 112.2



#10
Methyl Iodide
Concen: 0.331 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN082234.D
Acq: 21 May 2024 12:40

Tgt Ion:142 Resp: 650
Ion Ratio Lower Upper
142 100
127 0.0 35.8 53.6#
141 0.0 11.4 17.2#

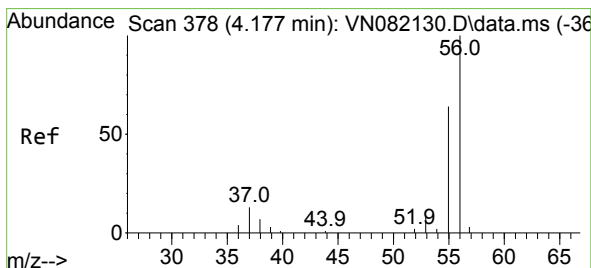
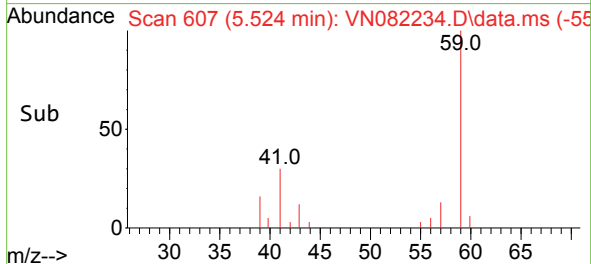
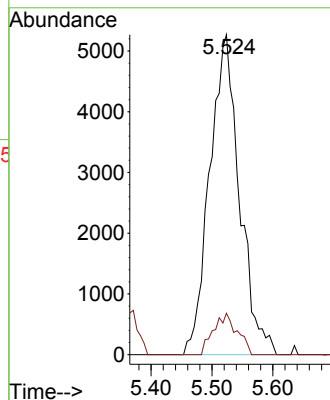
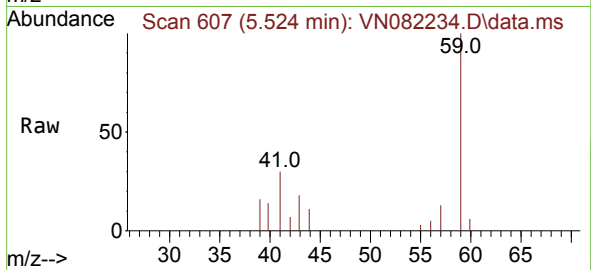




#11
Tert butyl alcohol
Concen: 42.628 ug/l
RT: 5.524 min Scan# 606
Delta R.T. 0.006 min
Lab File: VN082234.D
Acq: 21 May 2024 12:40

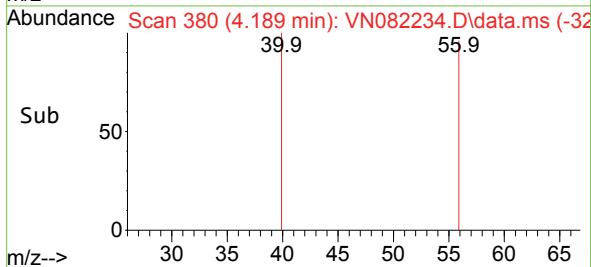
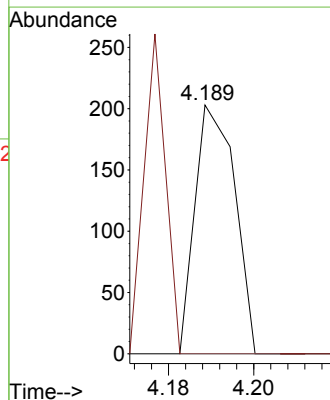
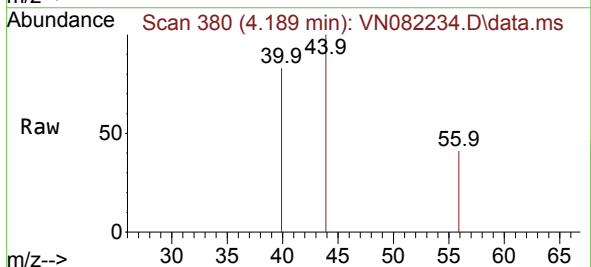
Instrument :
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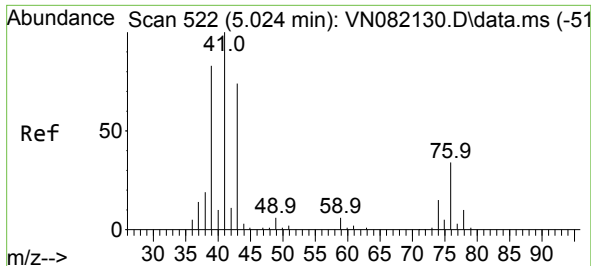
Tgt Ion: 59 Resp: 17954
Ion Ratio Lower Upper
59 100
57 10.3 8.9 13.3



#13
Acrolein
Concen: 0.420 ug/l
RT: 4.189 min Scan# 380
Delta R.T. 0.012 min
Lab File: VN082234.D
Acq: 21 May 2024 12:40

Tgt Ion: 56 Resp: 131
Ion Ratio Lower Upper
56 100
55 70.2 55.8 83.8

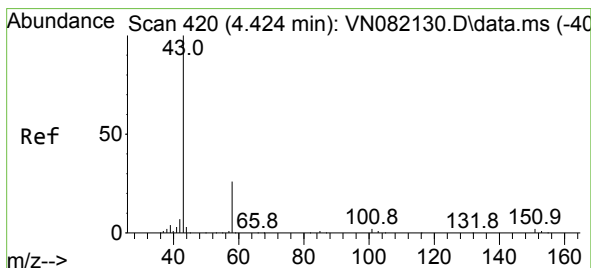
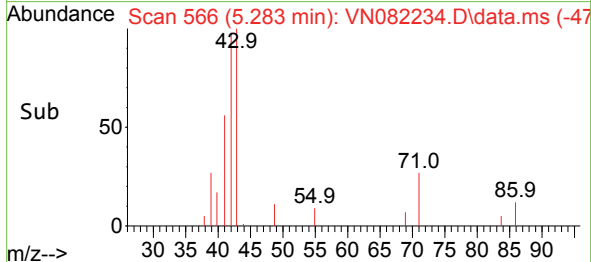
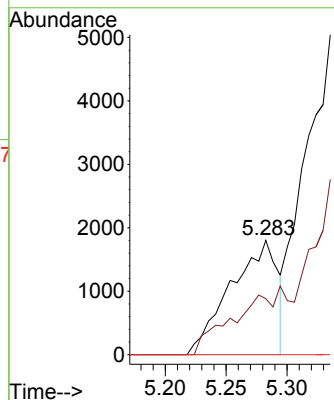
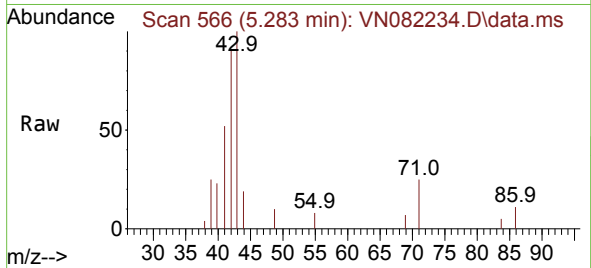




#14
 Allyl chloride
 Concen: 1.242 ug/l
 RT: 5.283 min Scan# 51
 Delta R.T. 0.259 min
 Lab File: VN082234.D
 Acq: 21 May 2024 12:40

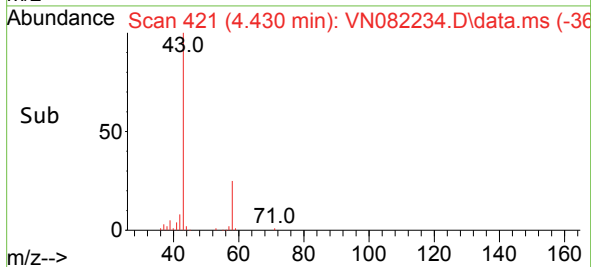
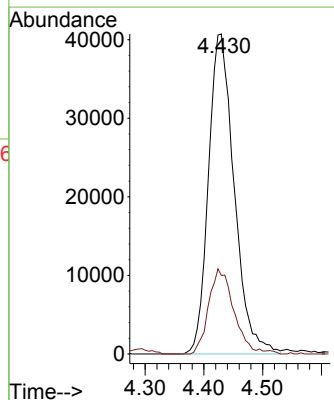
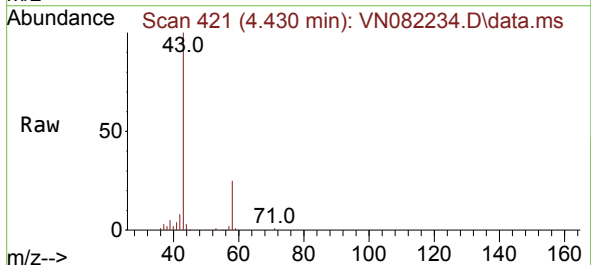
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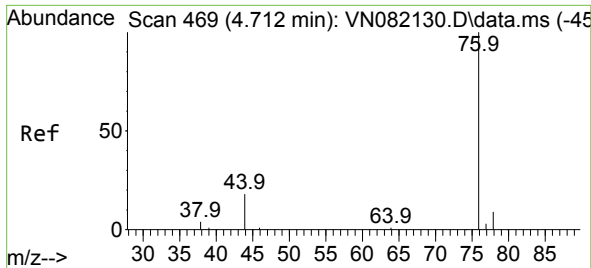
Tgt Ion: 41 Resp: 4824
 Ion Ratio Lower Upper
 41 100
 39 48.8 65.4 98.0#
 76 0.0 37.3 55.9#



#16
 Acetone
 Concen: 115.226 ug/l
 RT: 4.430 min Scan# 421
 Delta R.T. 0.006 min
 Lab File: VN082234.D
 Acq: 21 May 2024 12:40

Tgt Ion: 43 Resp: 124022
 Ion Ratio Lower Upper
 43 100
 58 24.6 25.2 37.8#

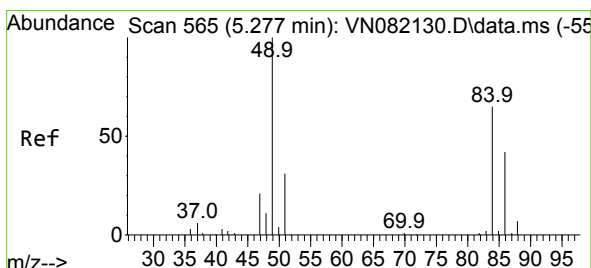
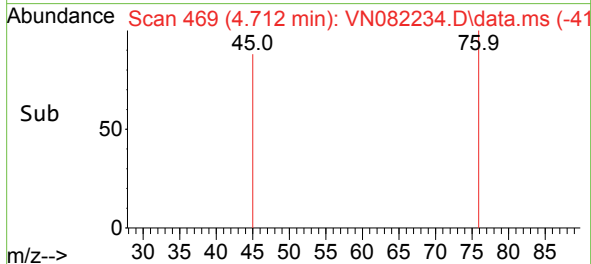
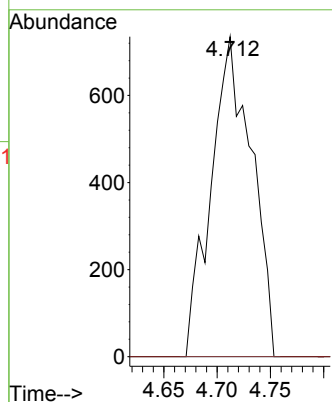
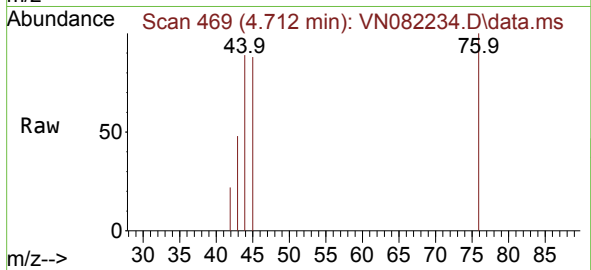




#17
Carbon Disulfide
Concen: 0.334 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN082234.D
Acq: 21 May 2024 12:40

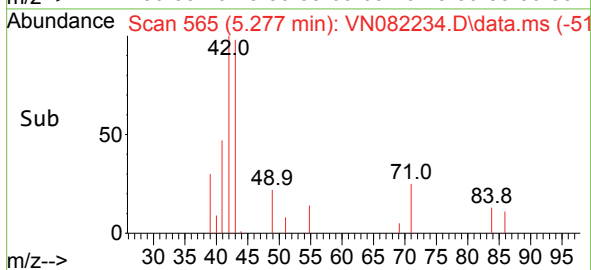
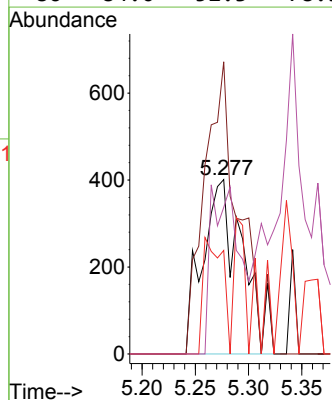
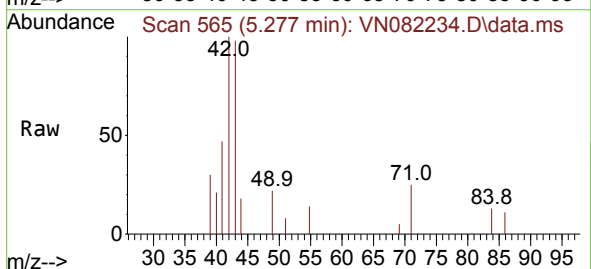
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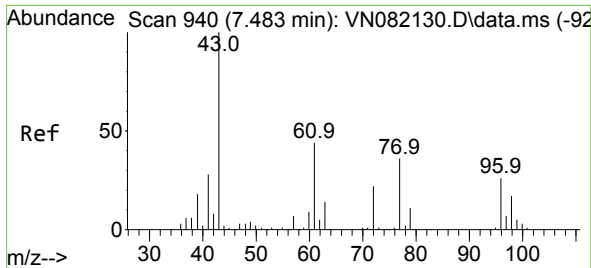
Tgt Ion: 76 Resp: 1957
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



#20
Methylene Chloride
Concen: 0.486 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN082234.D
Acq: 21 May 2024 12:40

Tgt Ion: 84 Resp: 1056
Ion Ratio Lower Upper
84 100
49 167.6 84.9 127.3#
51 59.4 27.0 40.6#
86 84.0 52.3 78.5#

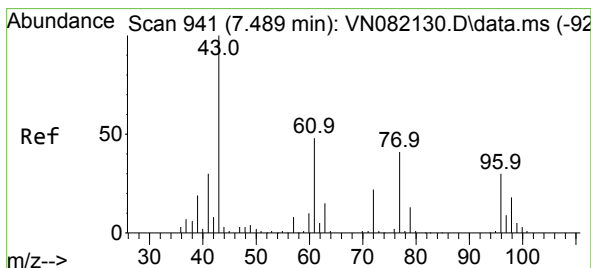
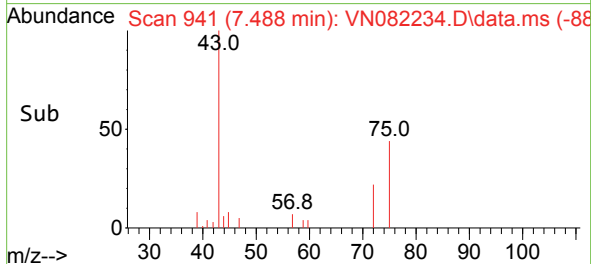
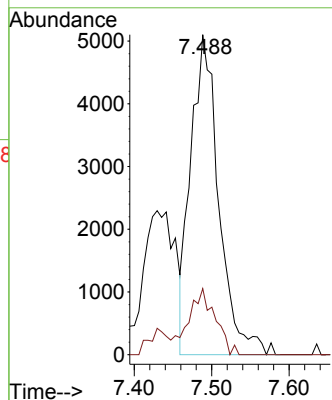
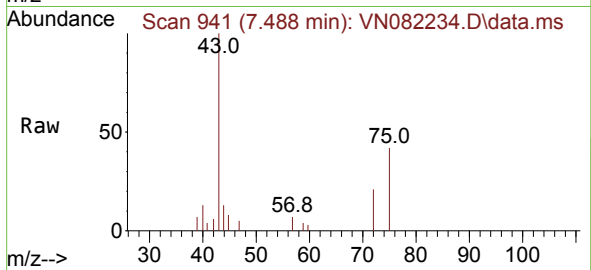




#25
2-Butanone
Concen: 7.884 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN082234.D
Acq: 21 May 2024 12:40

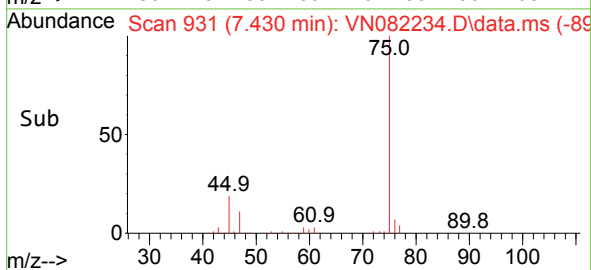
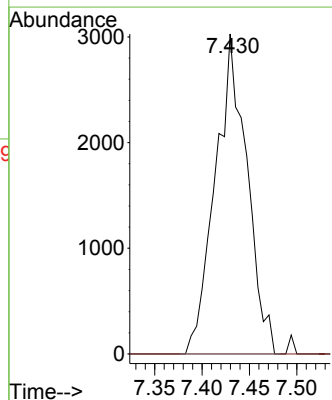
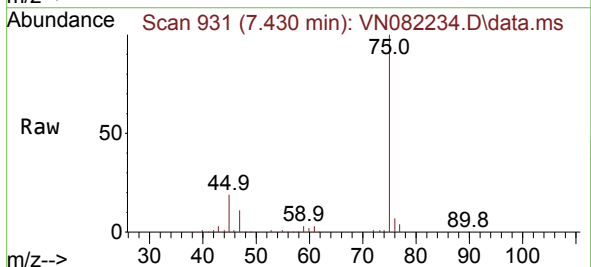
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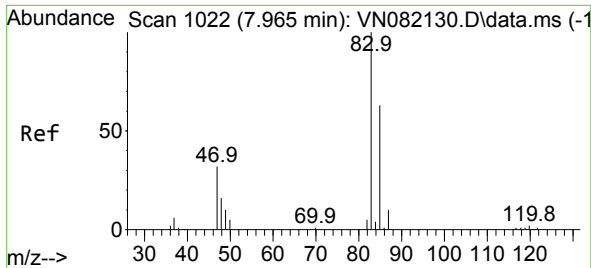
Tgt Ion: 43 Resp: 12866
Ion Ratio Lower Upper
43 100
72 20.7 25.3 37.9#



#26
2,2-Dichloropropane
Concen: 2.005 ug/l
RT: 7.430 min Scan# 931
Delta R.T. -0.059 min
Lab File: VN082234.D
Acq: 21 May 2024 12:40

Tgt Ion: 77 Resp: 7021
Ion Ratio Lower Upper
77 100
97 0.0 11.3 33.9#

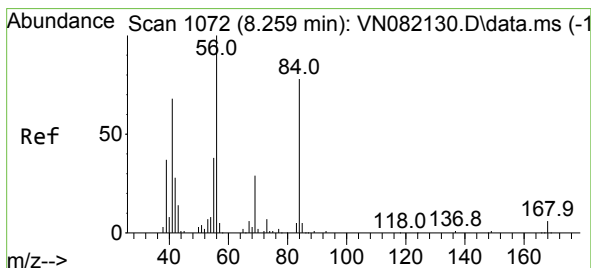
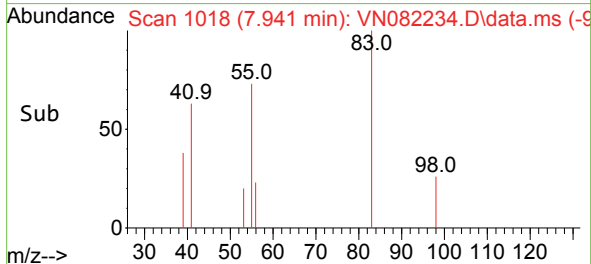
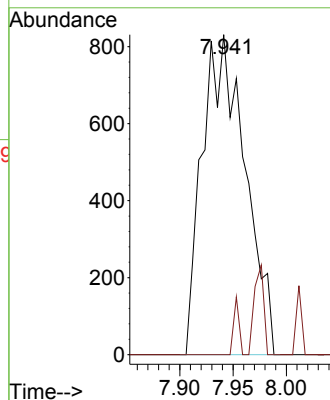
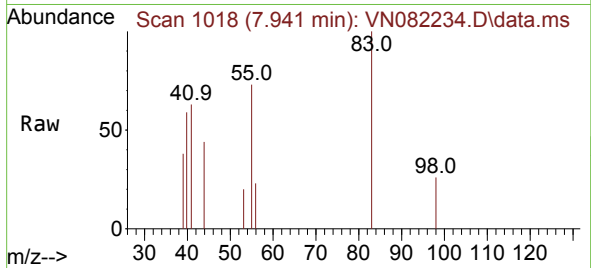




#30
Chloroform
Concen: 0.581 ug/l
RT: 7.941 min Scan# 1018
Delta R.T. -0.024 min
Lab File: VN082234.D
Acq: 21 May 2024 12:40

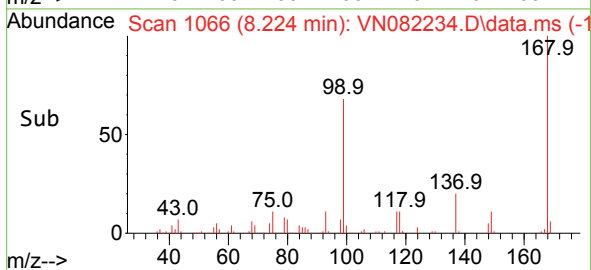
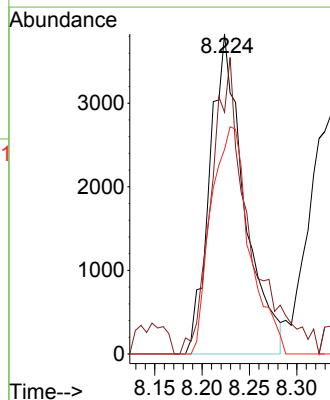
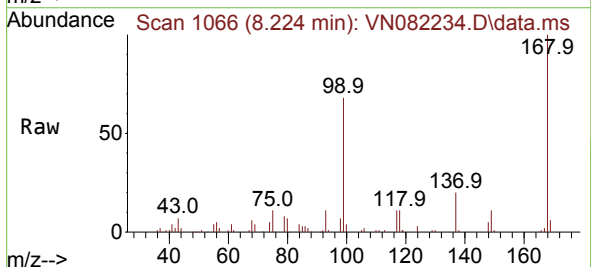
Instrument :
MSVOA_N
ClientSampleId :
50322DL

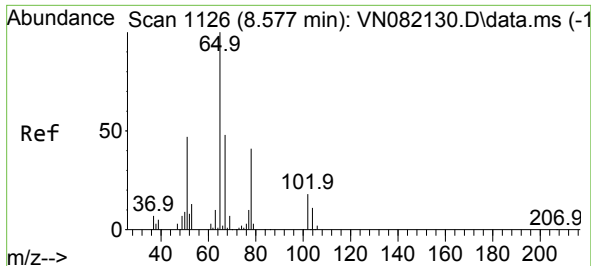
Tgt Ion: 83 Resp: 2321
Ion Ratio Lower Upper
83 100
85 0.0 50.7 76.1#



#31
Cyclohexane
Concen: 2.305 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082234.D
Acq: 21 May 2024 12:40

Tgt Ion: 56 Resp: 9658
Ion Ratio Lower Upper
56 100
69 75.6 24.4 36.6#
84 63.9 77.0 115.4#





#33

1,2-Dichloroethane-d4

Concen: 51.770 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN082234.D

Acq: 21 May 2024 12:40

Instrument :

MSVOA_N

ClientSampleId :

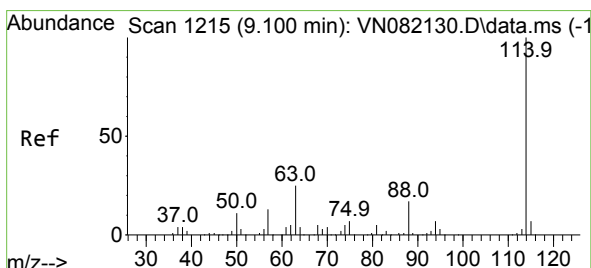
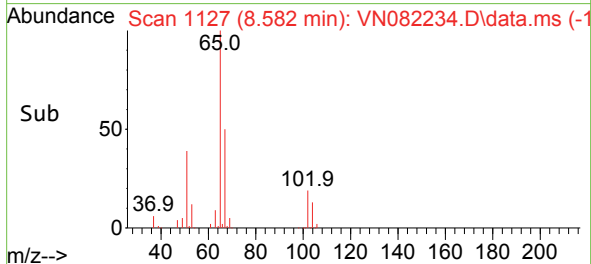
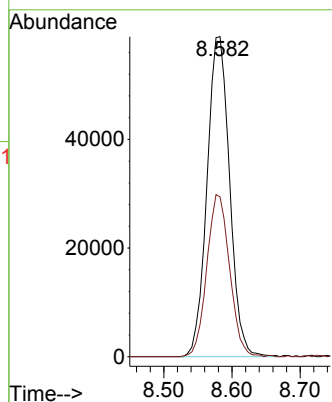
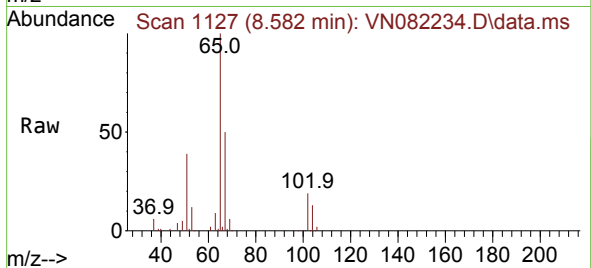
50322DL

Tgt Ion: 65 Resp: 135836

Ion Ratio Lower Upper

65 100

67 50.9 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN082234.D

Acq: 21 May 2024 12:40

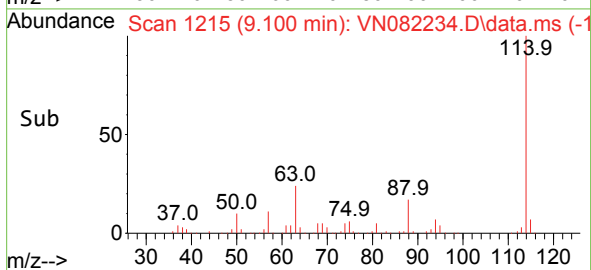
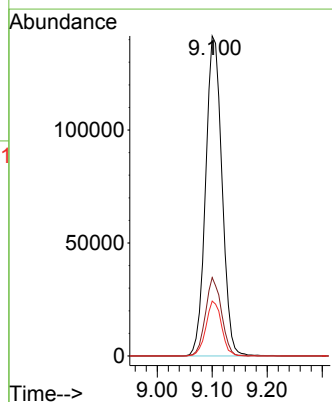
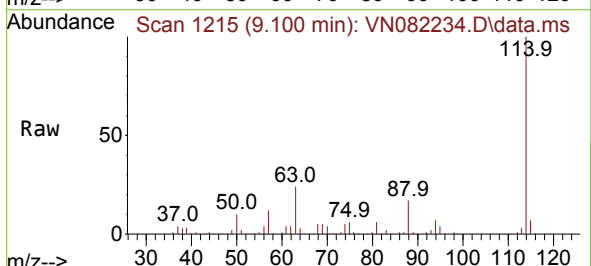
Tgt Ion: 114 Resp: 292698

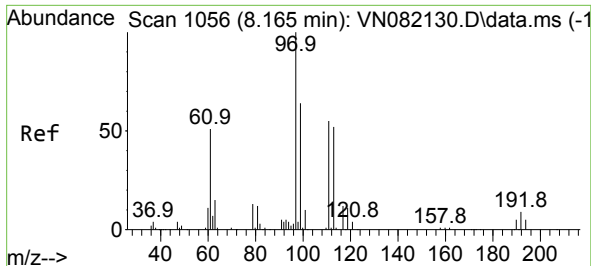
Ion Ratio Lower Upper

114 100

63 24.5 0.0 41.0

88 17.2 0.0 31.4

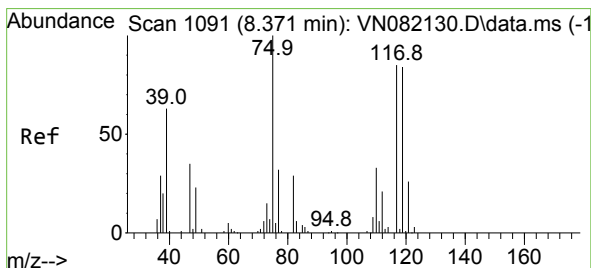
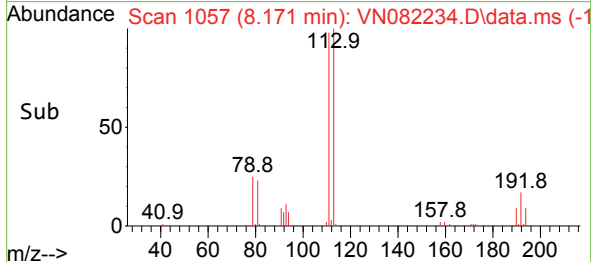
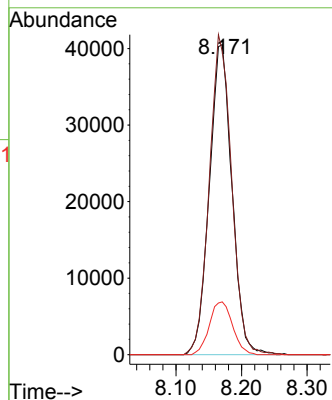
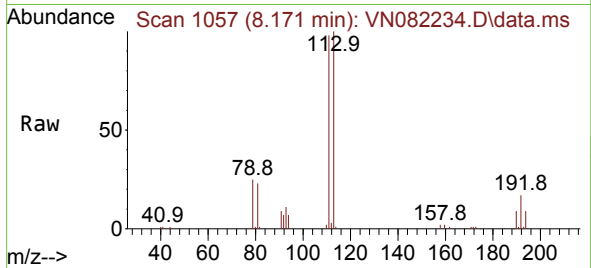




#35
Dibromofluoromethane
Concen: 53.735 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN082234.D
Acq: 21 May 2024 12:40

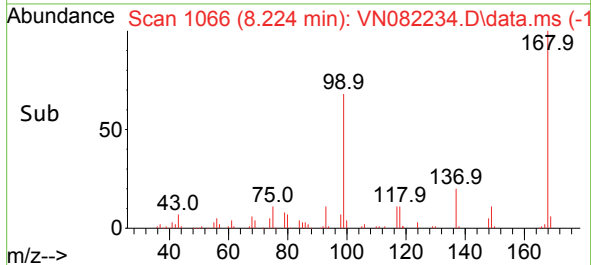
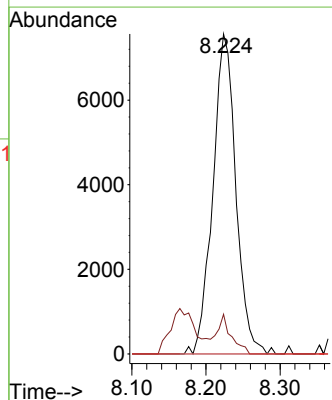
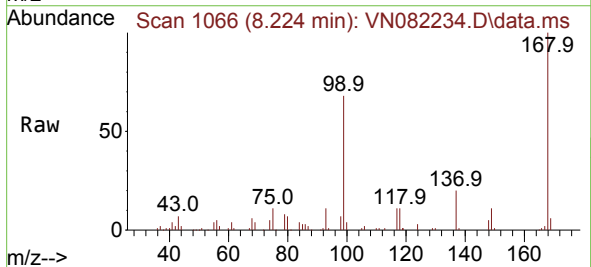
Instrument :
MSVOA_N
ClientSampleId :
50322DL

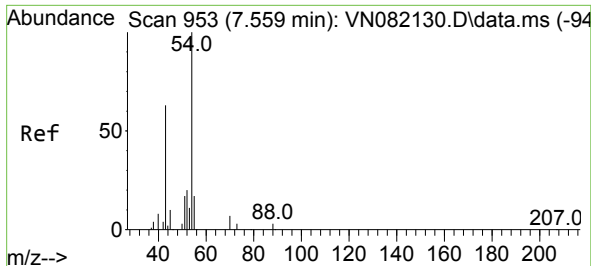
Tgt Ion:113 Resp: 96752
Ion Ratio Lower Upper
113 100
111 102.2 83.4 125.2
192 17.5 14.0 21.0



#36
1,1-Dichloropropene
Concen: 5.407 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN082234.D
Acq: 21 May 2024 12:40

Tgt Ion: 75 Resp: 16329
Ion Ratio Lower Upper
75 100
110 7.5 17.8 53.5#
77 0.0 25.0 37.4#





#37

Ethyl Acetate

Concen: 3.807 ug/l

RT: 7.488 min Scan# 941

Delta R.T. -0.071 min

Lab File: VN082234.D

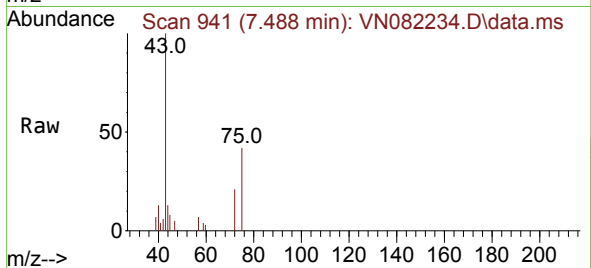
Acq: 21 May 2024 12:40

Instrument :

MSVOA_N

ClientSampleId :

50322DL



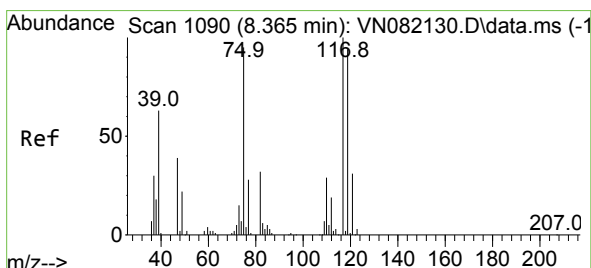
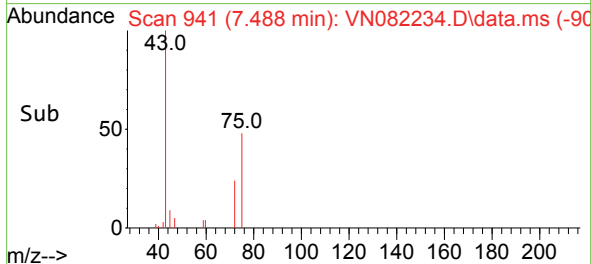
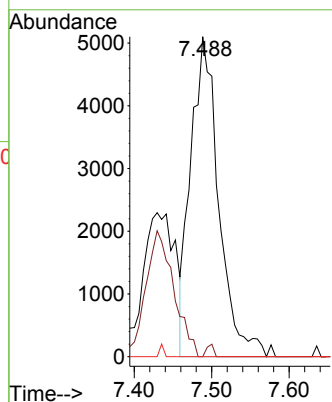
Tgt Ion: 43 Resp: 12866

Ion Ratio Lower Upper

43 100

61 0.0 11.3 16.9#

70 0.0 8.7 13.1#



#38

Carbon Tetrachloride

Concen: 5.975 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN082234.D

Acq: 21 May 2024 12:40

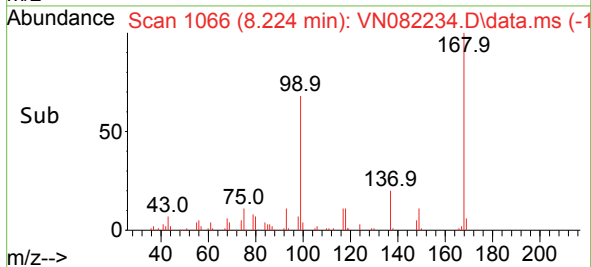
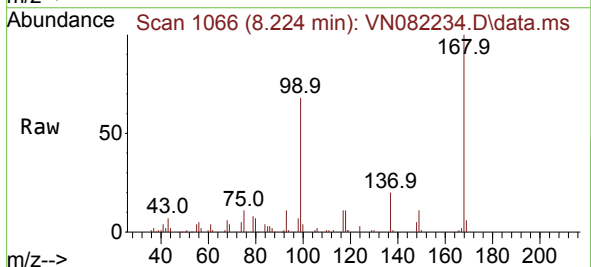
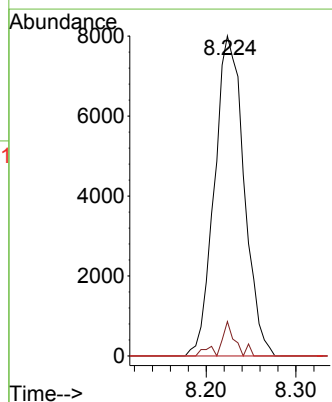
Tgt Ion: 117 Resp: 18292

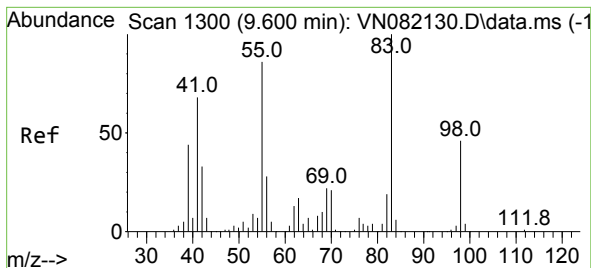
Ion Ratio Lower Upper

117 100

119 10.8 76.5 114.7#

121 0.0 23.9 35.9#





#39

Methylcyclohexane

Concen: 2.158 ug/l

RT: 9.600 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN082234.D

Acq: 21 May 2024 12:40

Instrument :

MSVOA_N

ClientSampleId :

50322DL

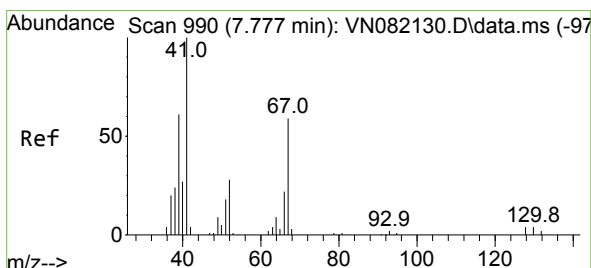
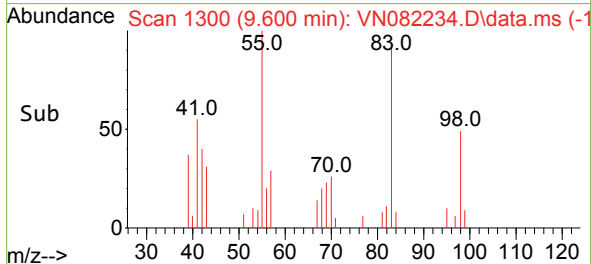
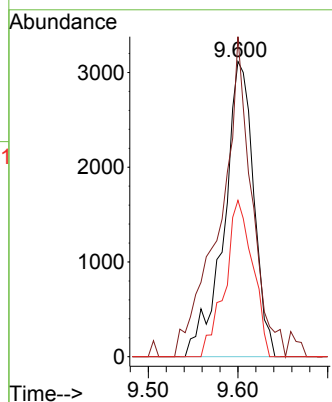
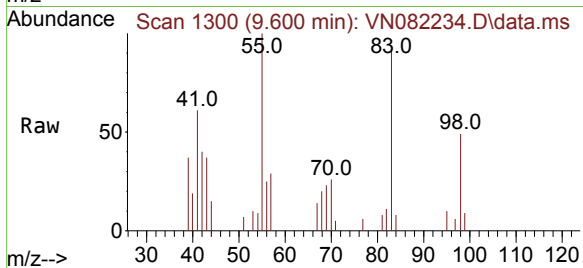
Tgt Ion: 83 Resp: 7144

Ion Ratio Lower Upper

83 100

55 99.2 53.0 79.6#

98 53.0 37.1 55.7



#41

Methacrylonitrile

Concen: 0.430 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. 0.059 min

Lab File: VN082234.D

Acq: 21 May 2024 12:40

Tgt Ion: 41 Resp: 854

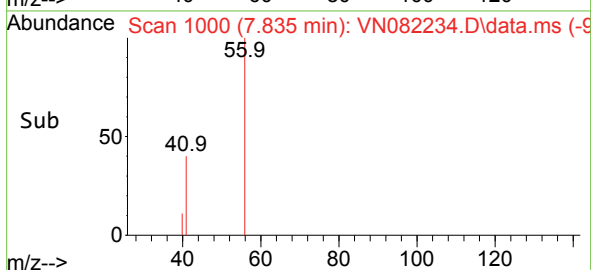
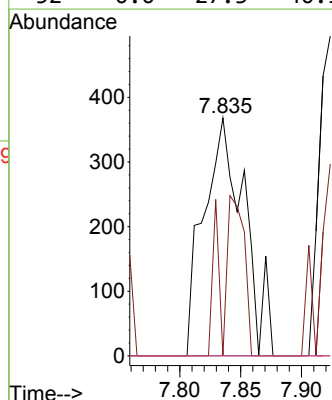
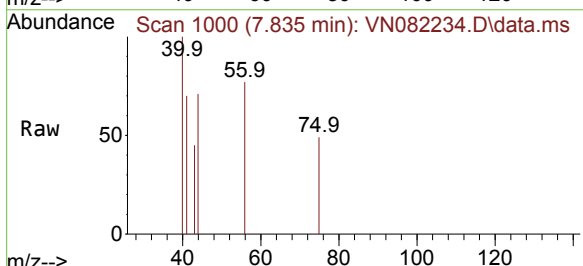
Ion Ratio Lower Upper

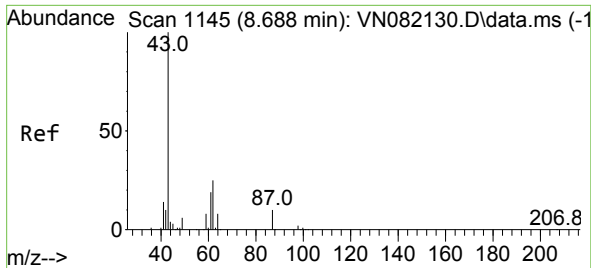
41 100

39 37.7 46.6 69.8#

67 0.0 67.3 100.9#

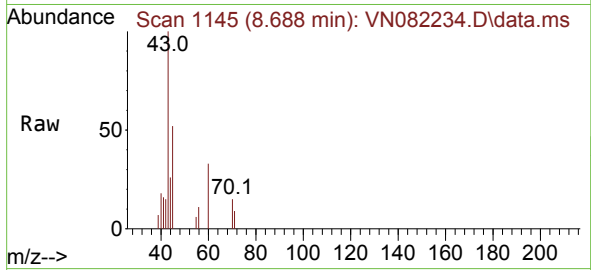
52 0.0 27.3 40.9#



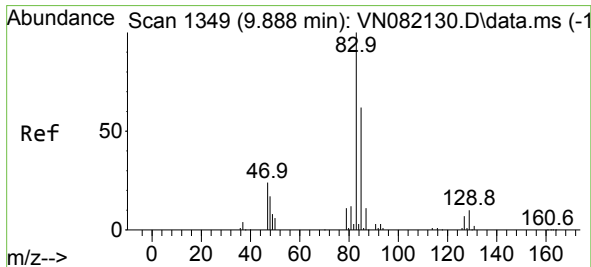
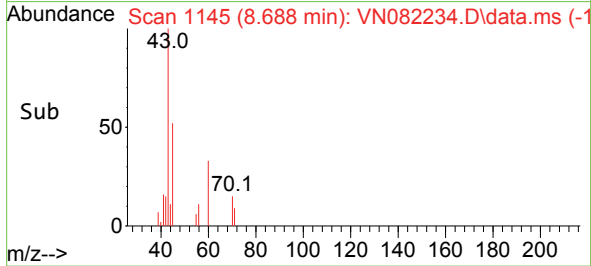
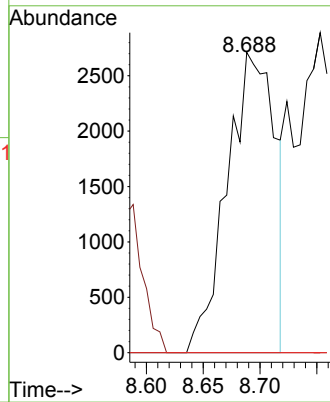


#43
Isopropyl Acetate
Concen: 1.325 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN082234.D
Acq: 21 May 2024 12:40

Instrument :
MSVOA_N
ClientSampleId :
50322DL

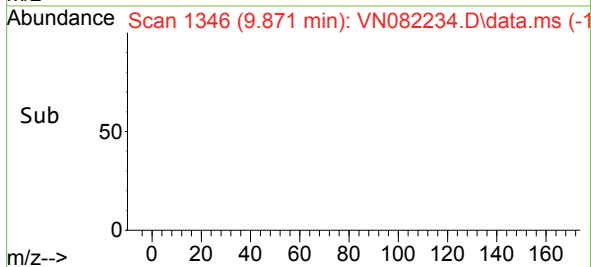
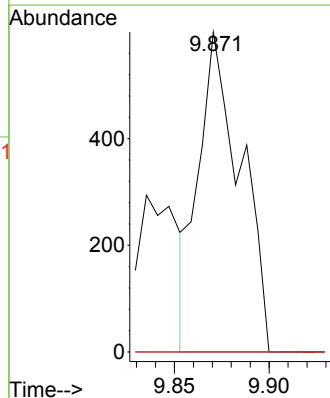
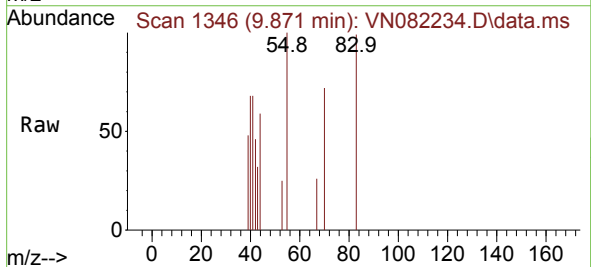


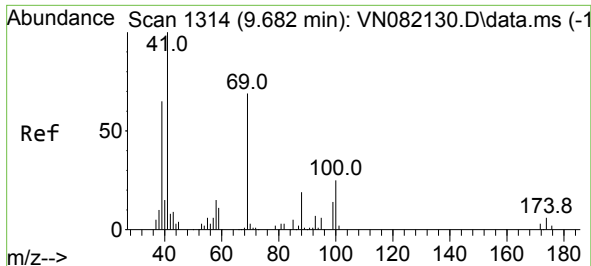
Tgt Ion: 43 Resp: 7933
Ion Ratio Lower Upper
43 100
61 0.0 22.8 34.2#
87 0.0 12.0 18.0#



#47
Bromodichloromethane
Concen: 0.287 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. -0.018 min
Lab File: VN082234.D
Acq: 21 May 2024 12:40

Tgt Ion: 83 Resp: 925
Ion Ratio Lower Upper
83 100
85 0.0 51.9 77.9#
127 0.0 7.5 11.3#





#48

Methyl methacrylate

Concen: 0.616 ug/l

RT: 9.653 min Scan# 1309

Delta R.T. -0.030 min

Lab File: VN082234.D

Acq: 21 May 2024 12:40

Instrument :

MSVOA_N

ClientSampleId :

50322DL

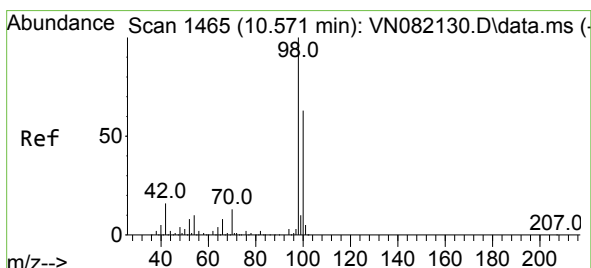
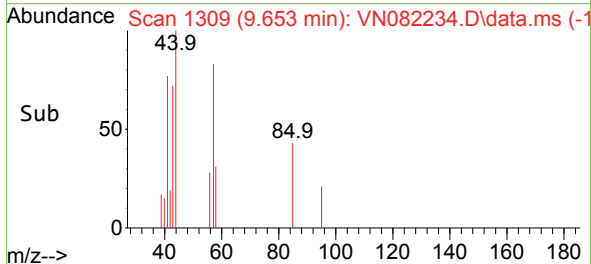
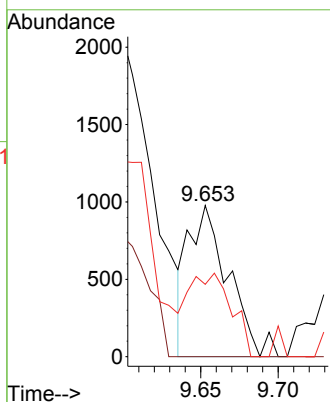
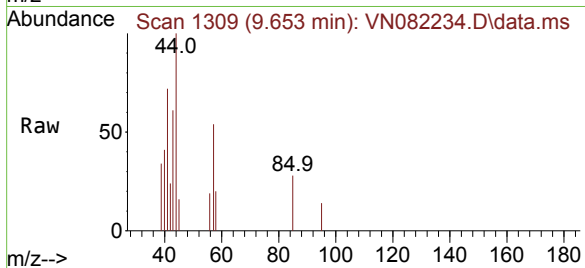
Tgt Ion: 41 Resp: 1757

Ion Ratio Lower Upper

41 100

69 0.0 77.9 116.9#

39 58.9 50.9 76.3



#50

Toluene-d8

Concen: 53.692 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN082234.D

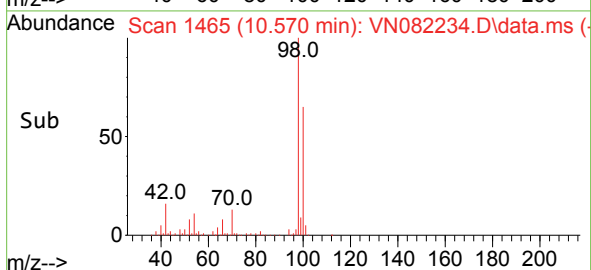
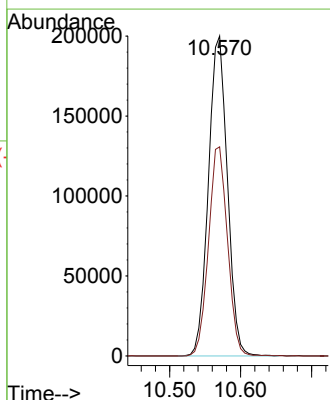
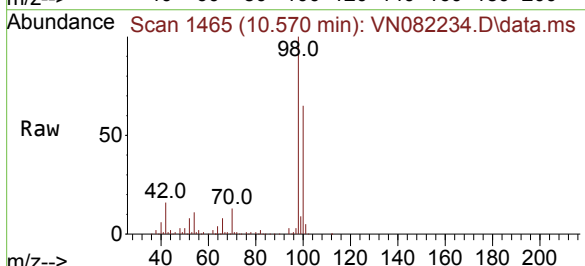
Acq: 21 May 2024 12:40

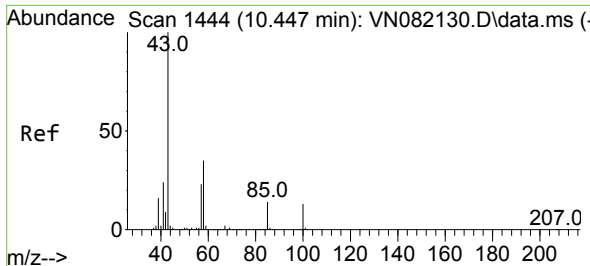
Tgt Ion: 98 Resp: 370646

Ion Ratio Lower Upper

98 100

100 65.5 51.8 77.6

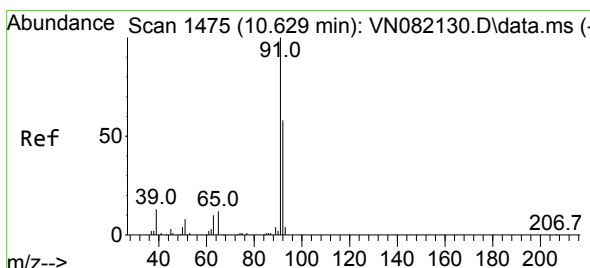
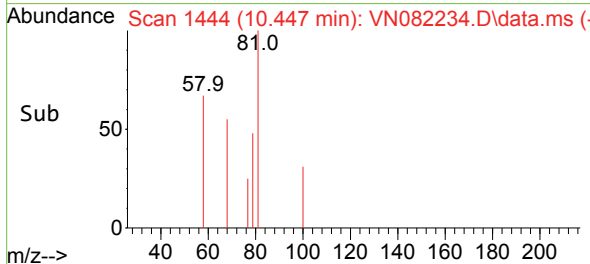
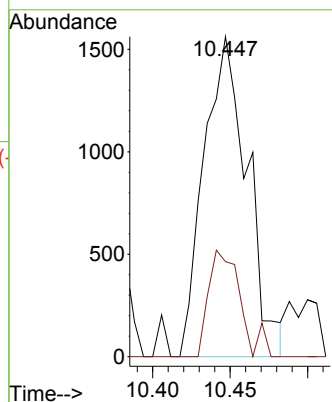
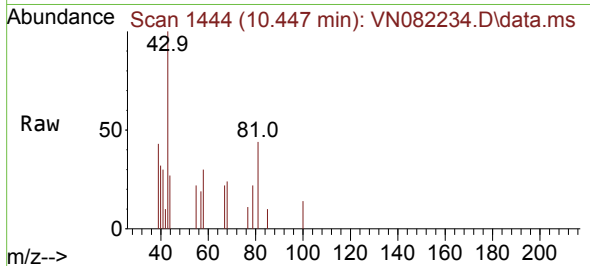




#51
4-Methyl-2-Pentanone
Concen: 0.894 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN082234.D
Acq: 21 May 2024 12:40

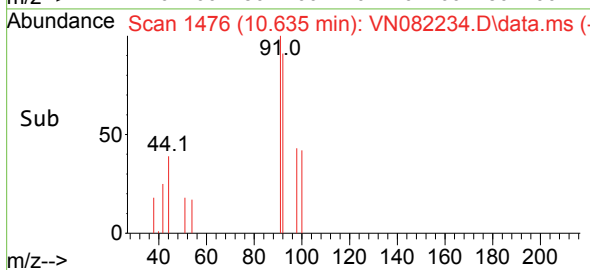
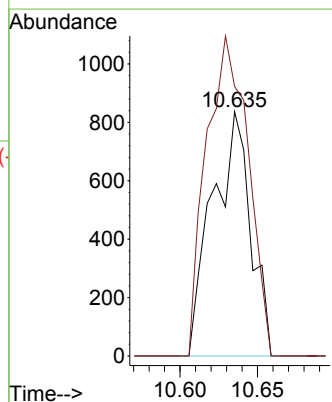
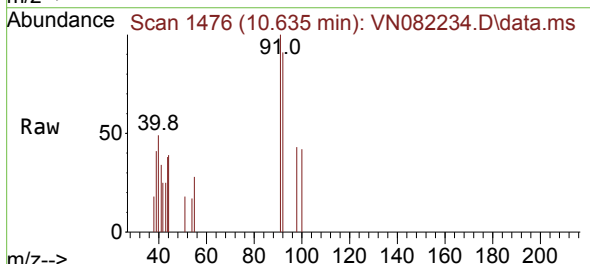
Instrument :
MSVOA_N
ClientSampleId :
50322DL

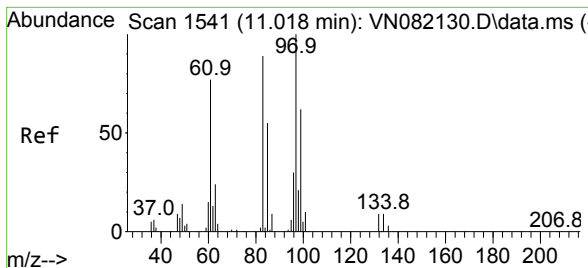
Tgt Ion: 43 Resp: 3042
Ion Ratio Lower Upper
43 100
58 24.3 33.2 49.8#



#52
Toluene
Concen: 0.264 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN082234.D
Acq: 21 May 2024 12:40

Tgt Ion: 92 Resp: 1426
Ion Ratio Lower Upper
92 100
91 143.8 136.7 205.1

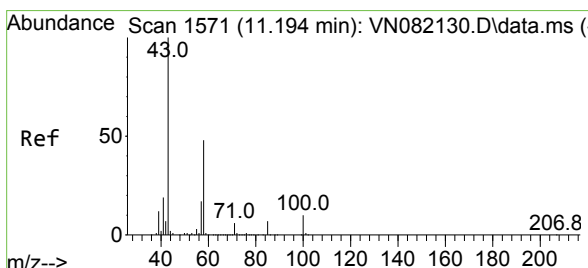
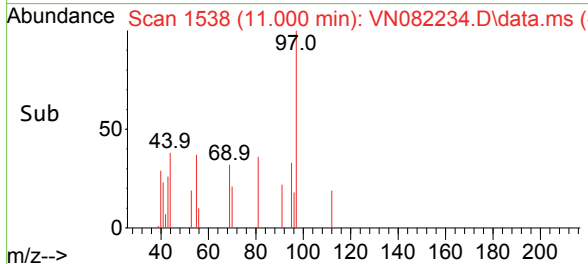
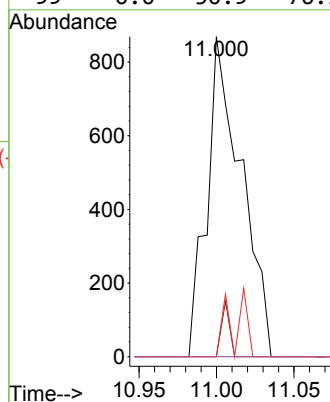
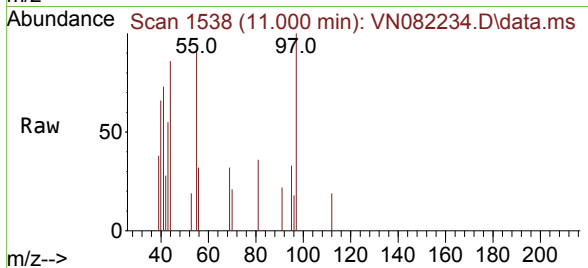




#55
1,1,2-Trichloroethane
Concen: 0.682 ug/l
RT: 11.000 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN082234.D
Acq: 21 May 2024 12:40

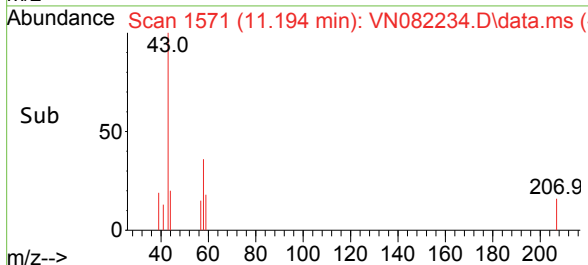
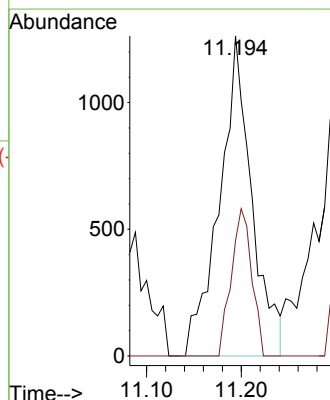
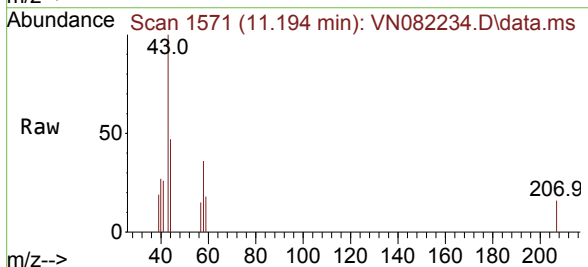
Instrument :
MSVOA_N
ClientSampleId :
50322DL

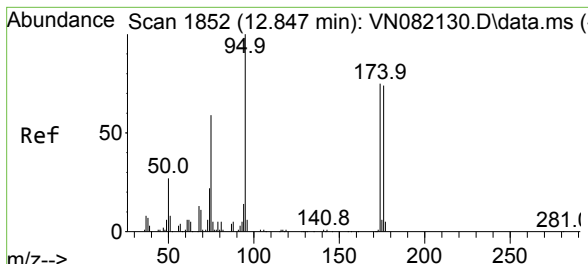
Tgt Ion: 97	Resp:	1339
Ion	Ratio	Lower Upper
97	100	
83	0.0	70.4 105.6#
85	0.0	45.6 68.4#
99	0.0	50.9 76.3#



#59
2-Hexanone
Concen: 1.203 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN082234.D
Acq: 21 May 2024 12:40

Tgt Ion: 43	Resp:	2998	
Ion	Ratio	Lower	Upper
43	100		
58	29.0	28.3	84.9

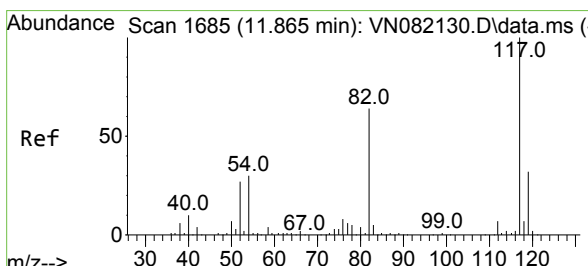
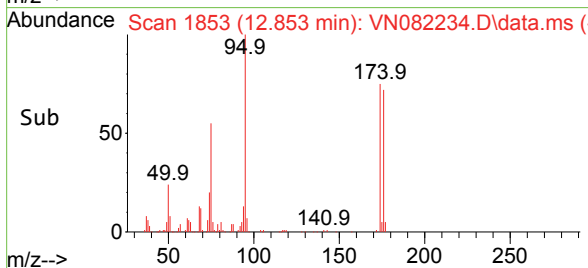
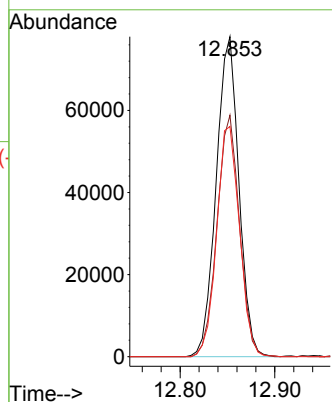
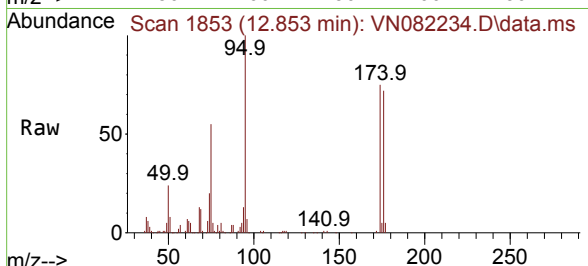




#62
4-Bromofluorobenzene
Concen: 52.743 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082234.D
Acq: 21 May 2024 12:40

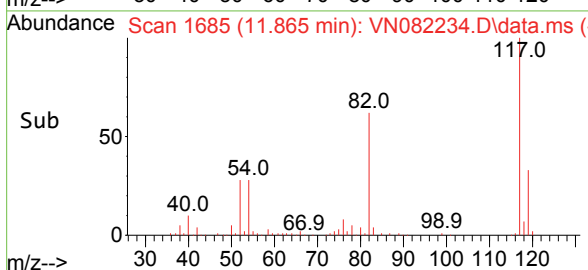
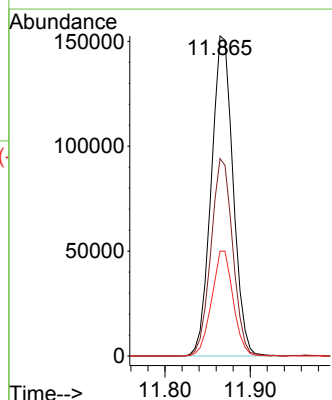
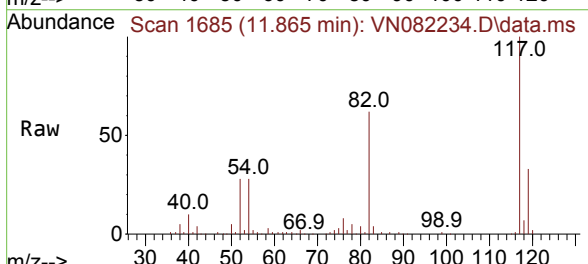
Instrument :
MSVOA_N
ClientSampleId :
50322DL

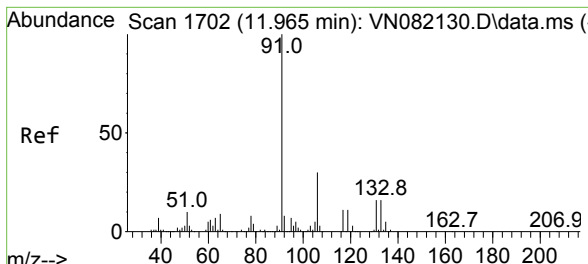
Tgt Ion: 95 Resp: 129952
Ion Ratio Lower Upper
95 100
174 74.7 0.0 160.6
176 72.4 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN082234.D
Acq: 21 May 2024 12:40

Tgt Ion: 117 Resp: 271392
Ion Ratio Lower Upper
117 100
82 61.7 44.6 66.8
119 32.8 25.9 38.9

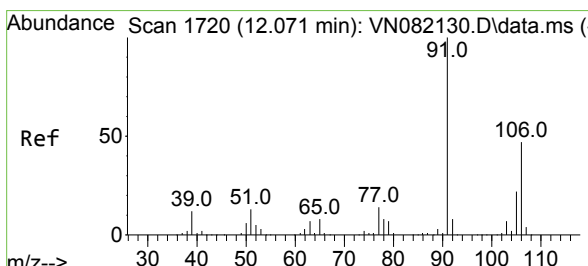
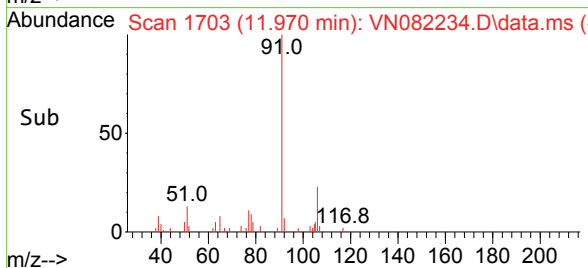
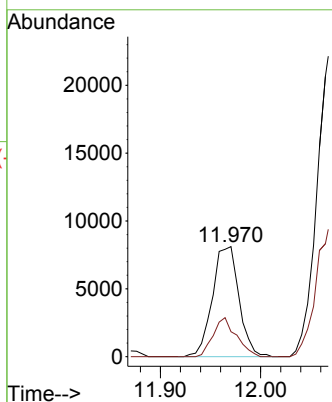
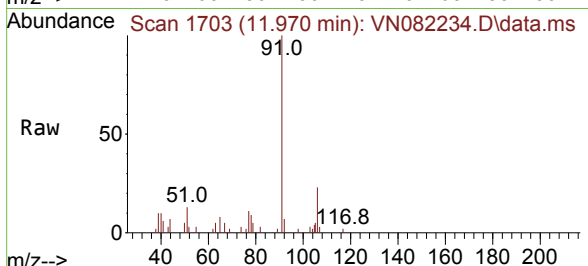




#67
Ethyl Benzene
Concen: 1.393 ug/l
RT: 11.970 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082234.D
Acq: 21 May 2024 12:40

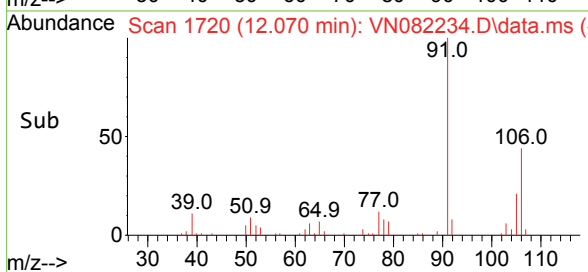
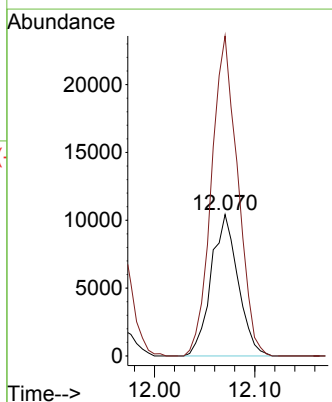
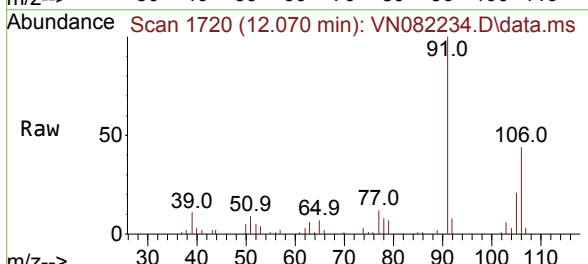
Instrument :
MSVOA_N
ClientSampleId :
50322DL

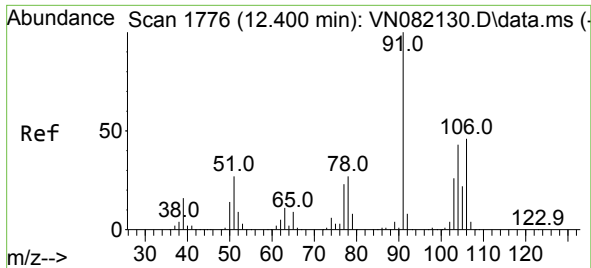
Tgt Ion: 91 Resp: 14942
Ion Ratio Lower Upper
91 100
106 22.7 25.3 37.9#



#68
m/p-Xylenes
Concen: 4.948 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN082234.D
Acq: 21 May 2024 12:40

Tgt Ion:106 Resp: 19451
Ion Ratio Lower Upper
106 100
91 221.0 159.4 239.0

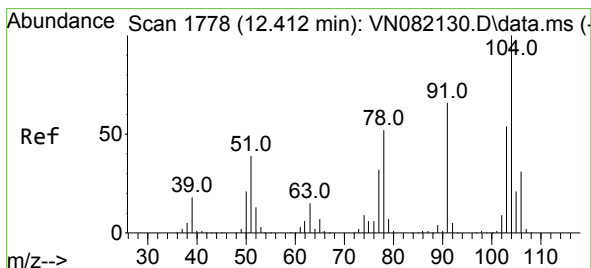
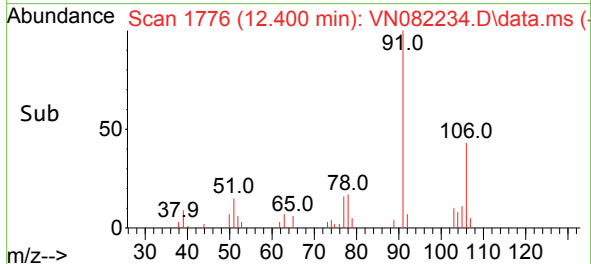
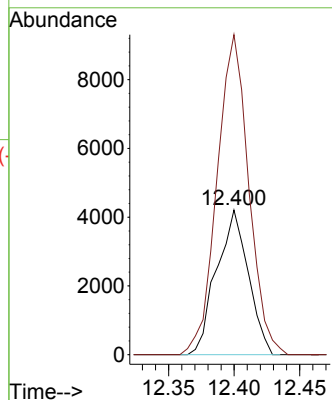
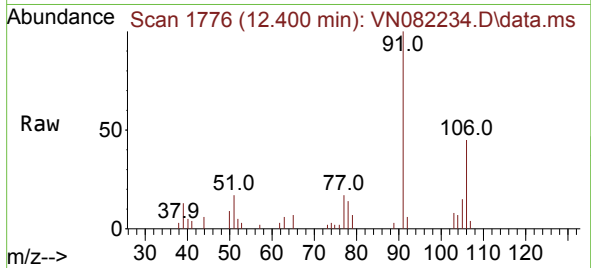




#69
o-Xylene
Concen: 1.862 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN082234.D
Acq: 21 May 2024 12:40

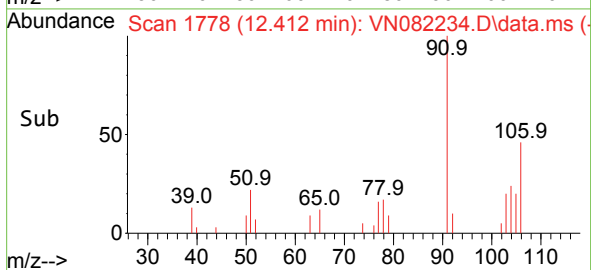
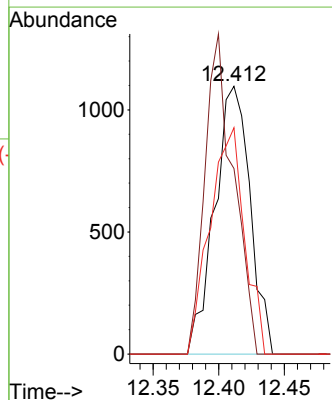
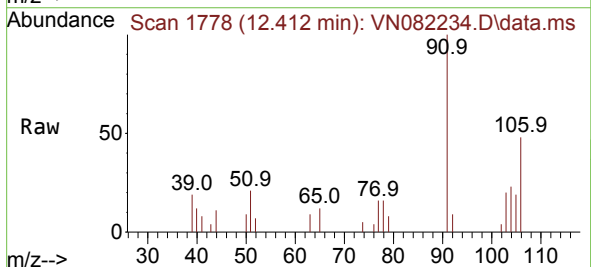
Instrument :
MSVOA_N
ClientSampleId :
50322DL

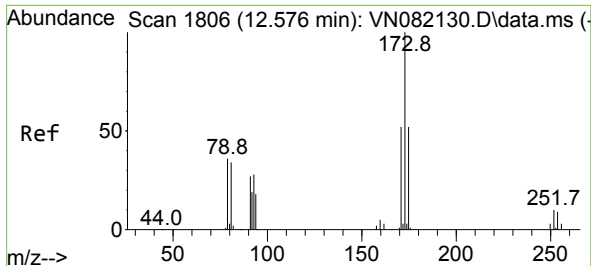
Tgt Ion:106 Resp: 7089
Ion Ratio Lower Upper
106 100
91 220.7 104.7 314.1



#70
Styrene
Concen: 0.326 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN082234.D
Acq: 21 May 2024 12:40

Tgt Ion:104 Resp: 2061
Ion Ratio Lower Upper
104 100
78 96.4 38.6 58.0#
103 82.6 43.8 65.6#

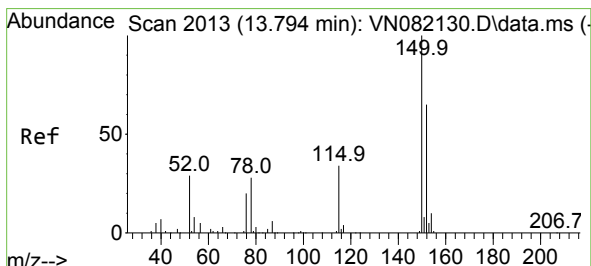
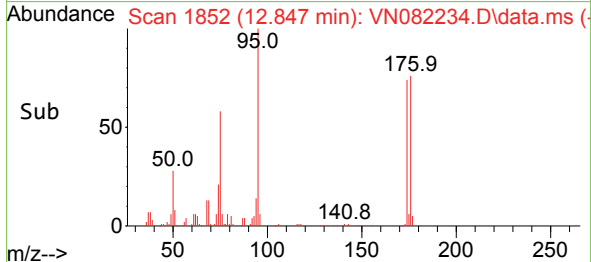
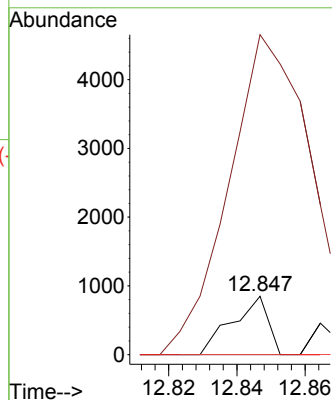
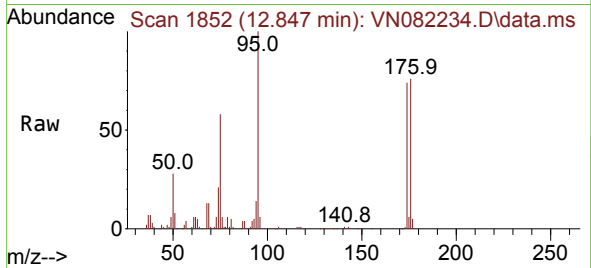




#71
Bromoform
Concen: 1.092 ug/l
RT: 12.847 min Scan# 1806
Delta R.T. 0.271 min
Lab File: VN082234.D
Acq: 21 May 2024 12:40

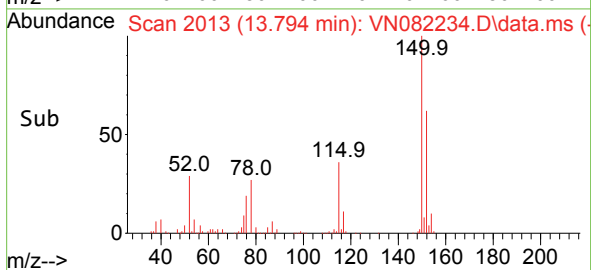
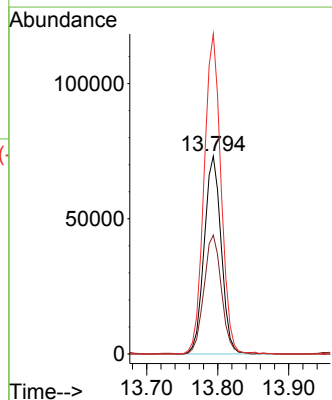
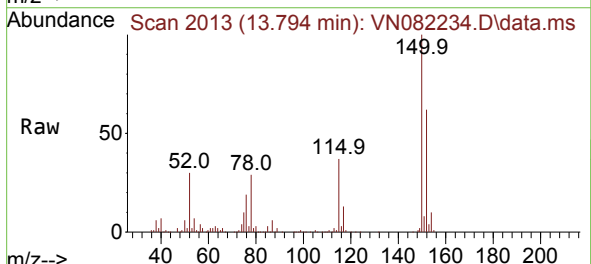
Instrument :
MSVOA_N
ClientSampleId :
50322DL

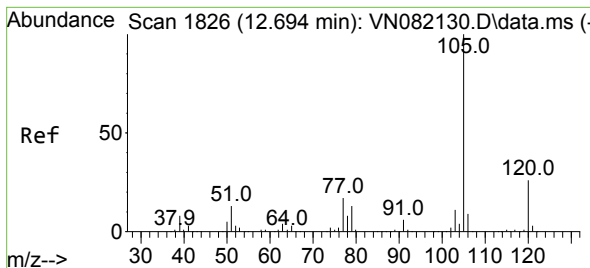
Tgt Ion:173 Resp: 623
Ion Ratio Lower Upper
173 100
175 861.3 24.6 74.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082234.D
Acq: 21 May 2024 12:40

Tgt Ion:152 Resp: 121971
Ion Ratio Lower Upper
152 100
115 62.0 30.4 91.3
150 161.2 0.0 353.2





#73

Isopropylbenzene

Concen: 0.984 ug/l

RT: 12.694 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN082234.D

Acq: 21 May 2024 12:40

Instrument :

MSVOA_N

ClientSampleId :

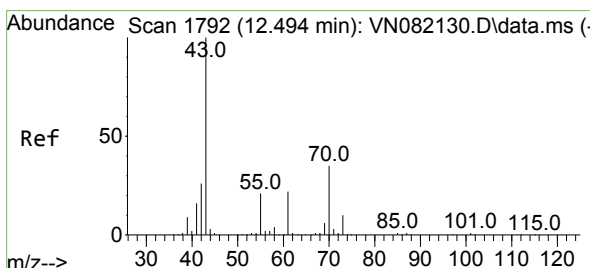
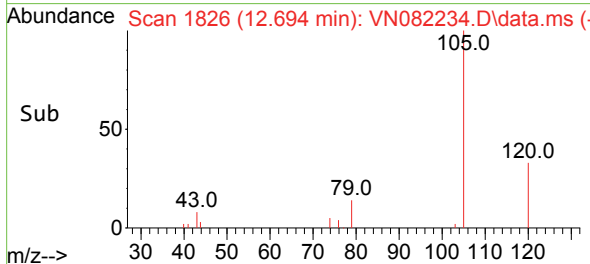
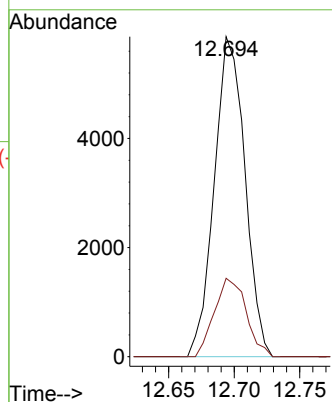
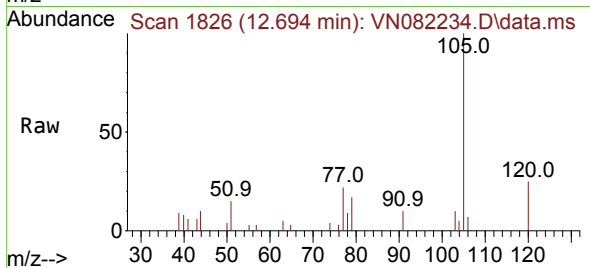
50322DL

Tgt Ion:105 Resp: 9535

Ion Ratio Lower Upper

105 100

120 25.4 13.4 40.1



#74

N-ethyl acetate

Concen: 0.482 ug/l

RT: 12.459 min Scan# 1786

Delta R.T. -0.035 min

Lab File: VN082234.D

Acq: 21 May 2024 12:40

Tgt Ion: 43 Resp: 2568

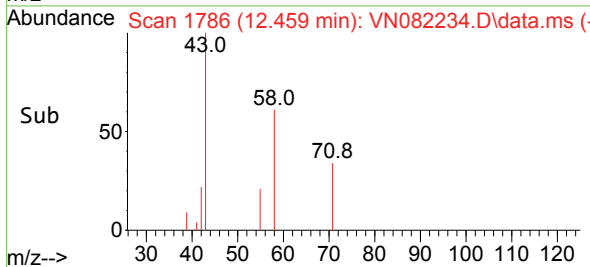
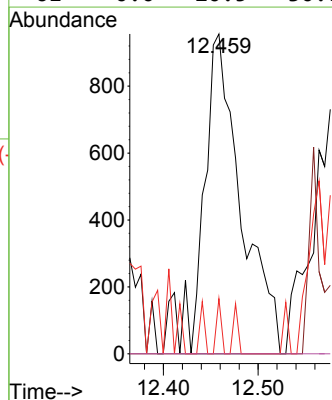
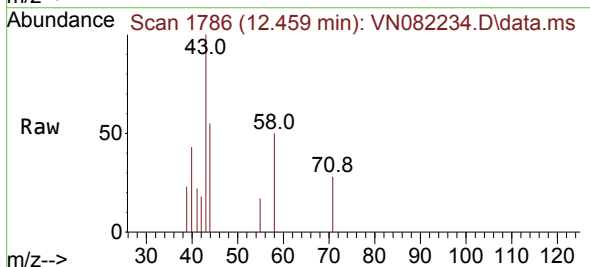
Ion Ratio Lower Upper

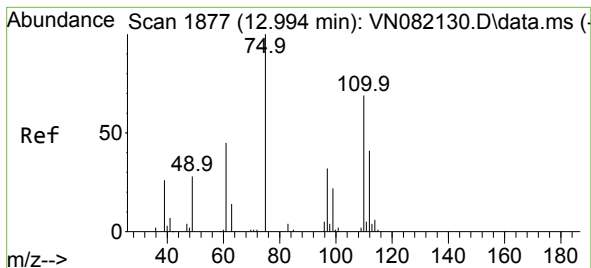
43 100

70 0.0 39.0 58.4#

55 2.3 21.3 31.9#

61 0.0 20.5 30.7#





#76

1,2,3-Trichloropropane

Concen: 29.404 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN082234.D

Acq: 21 May 2024 12:40

Instrument :

MSVOA_N

ClientSampleId :

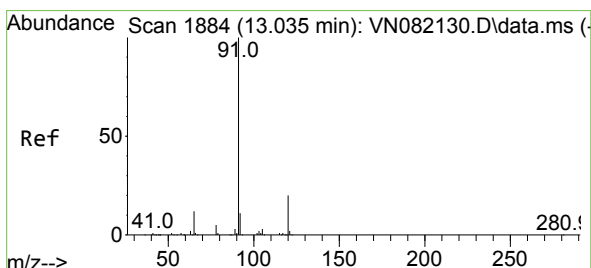
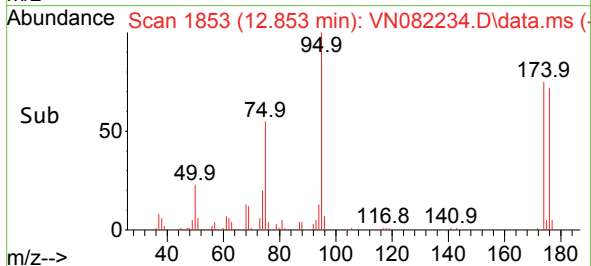
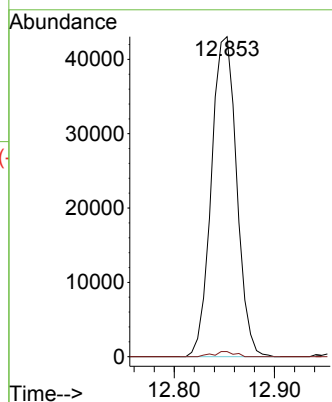
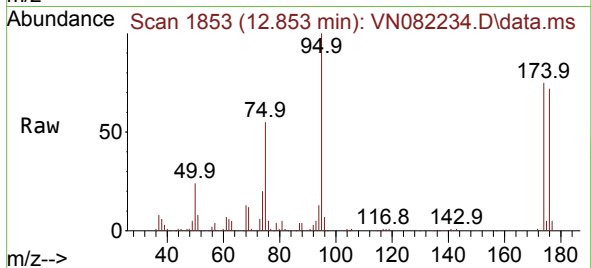
50322DL

Tgt Ion: 75 Resp: 75485

Ion Ratio Lower Upper

75 100

77 1.4 90.5 271.3#



#78

n-propylbenzene

Concen: 3.063 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VN082234.D

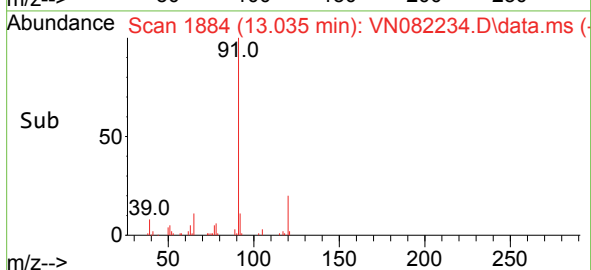
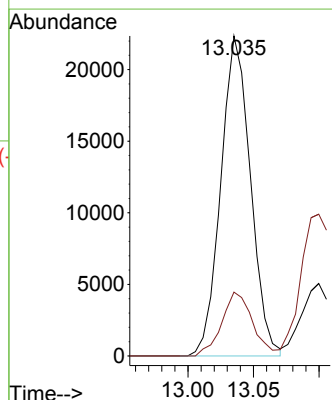
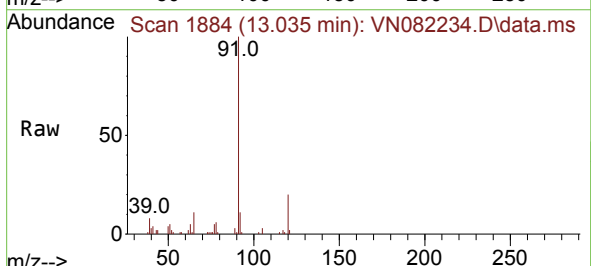
Acq: 21 May 2024 12:40

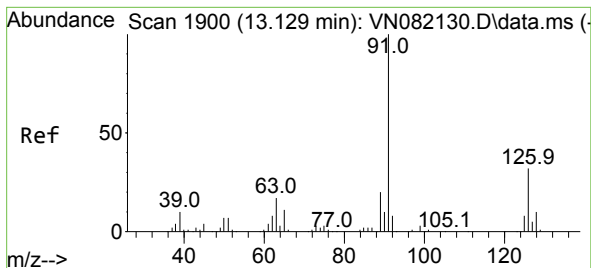
Tgt Ion: 91 Resp: 35141

Ion Ratio Lower Upper

91 100

120 20.6 11.7 35.0

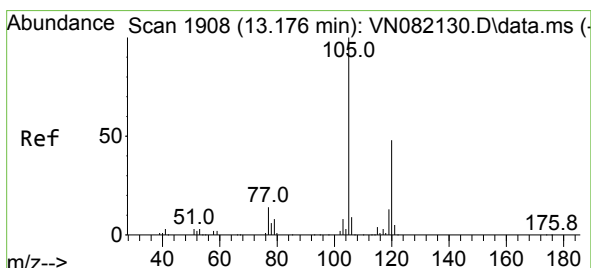
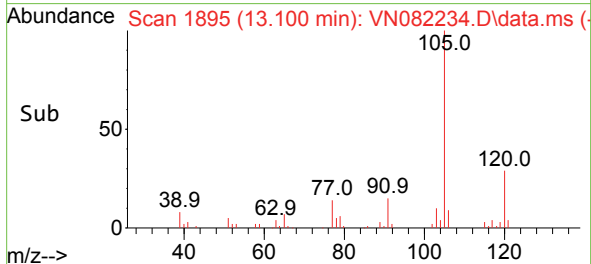
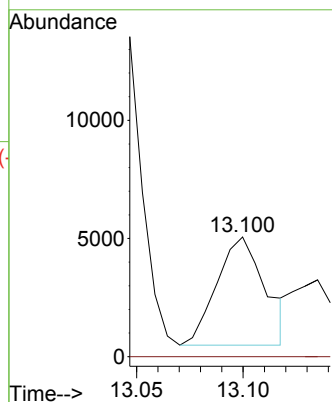
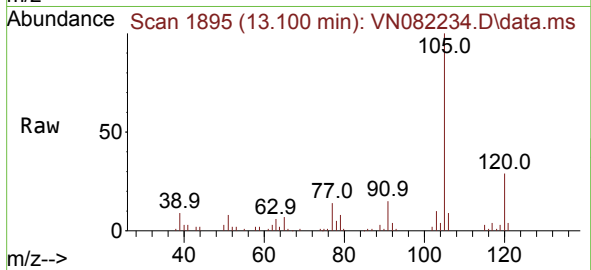




#79
2-Chlorotoluene
Concen: 1.003 ug/l
RT: 13.100 min Scan# 11
Delta R.T. -0.030 min
Lab File: VN082234.D
Acq: 21 May 2024 12:40

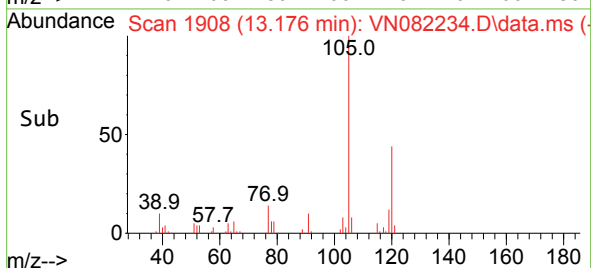
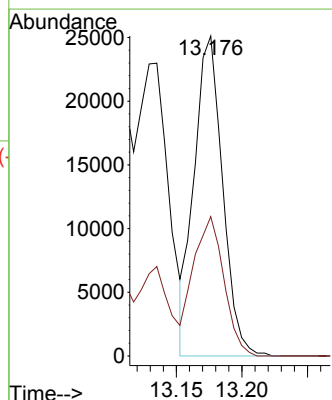
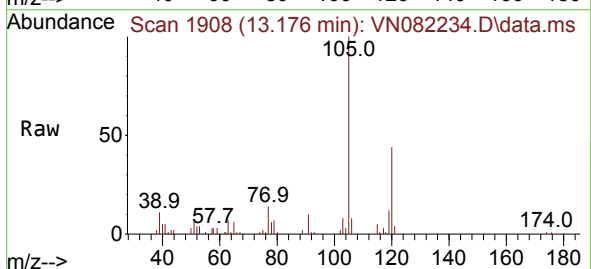
Instrument :
MSVOA_N
ClientSampleId :
50322DL

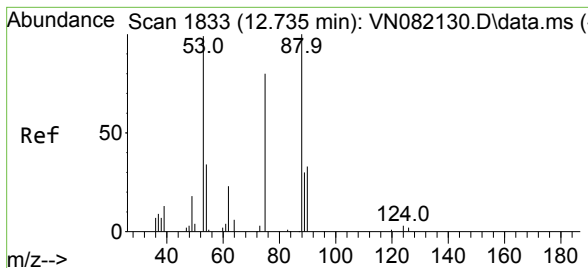
Tgt Ion: 91 Resp: 7228
Ion Ratio Lower Upper
91 100
126 0.0 17.5 52.5#



#80
1,3,5-Trimethylbenzene
Concen: 4.823 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN082234.D
Acq: 21 May 2024 12:40

Tgt Ion: 105 Resp: 37791
Ion Ratio Lower Upper
105 100
120 47.0 24.8 74.3

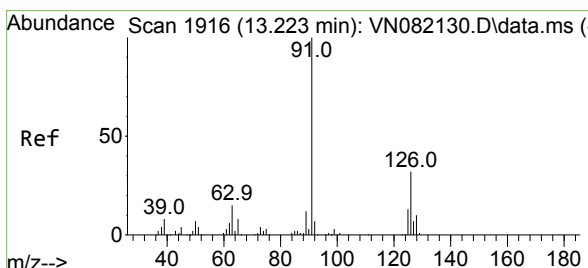
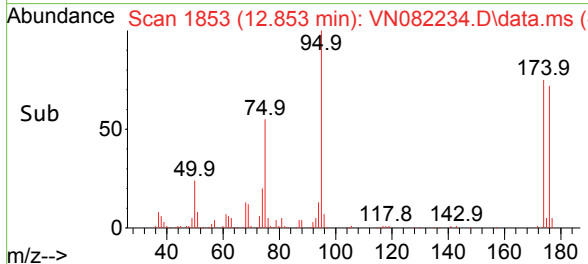
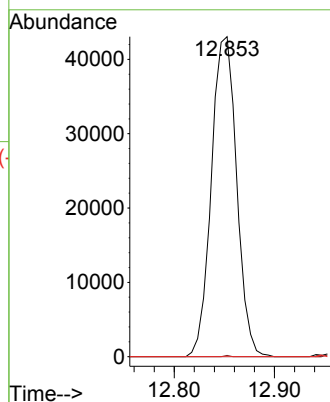
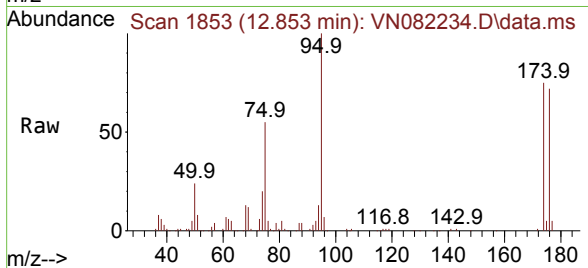




#81
trans-1,4-Dichloro-2-butene
Concen: 68.774 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.117 min
Lab File: VN082234.D
Acq: 21 May 2024 12:40

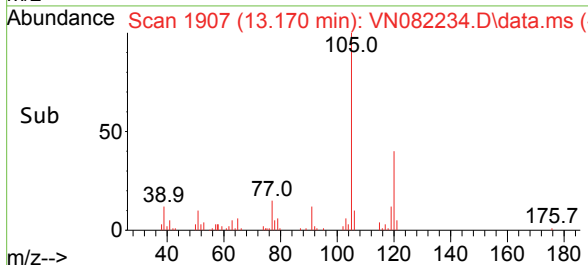
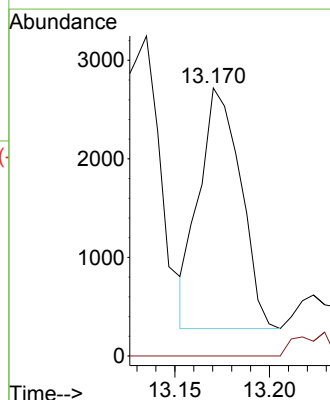
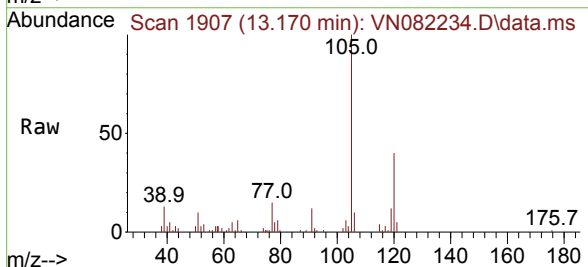
Instrument :
MSVOA_N
ClientSampleId :
50322DL

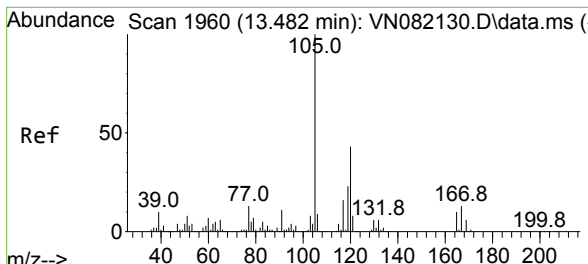
Tgt Ion: 75 Resp: 75485
Ion Ratio Lower Upper
75 100
53 0.1 72.9 109.3#
89 0.0 39.1 58.7#



#82
4-Chlorotoluene
Concen: 0.527 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.053 min
Lab File: VN082234.D
Acq: 21 May 2024 12:40

Tgt Ion: 91 Resp: 3713
Ion Ratio Lower Upper
91 100
126 0.0 17.4 52.3#

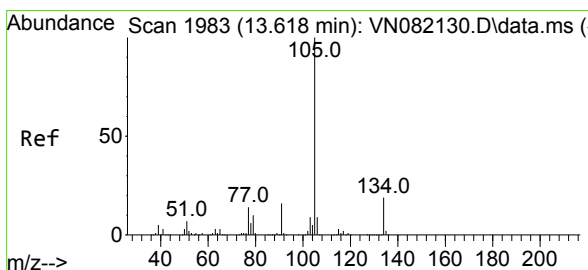
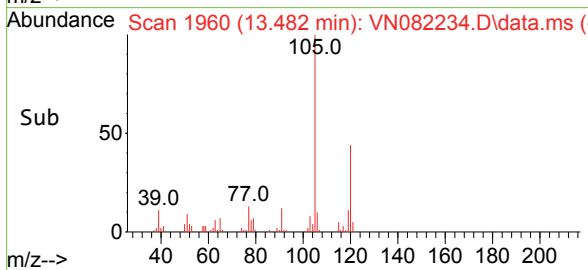
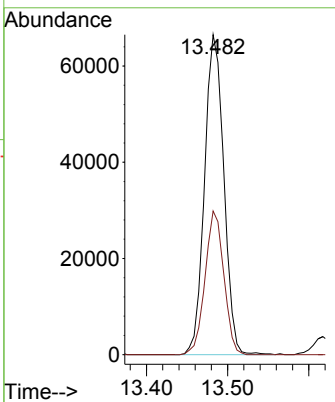
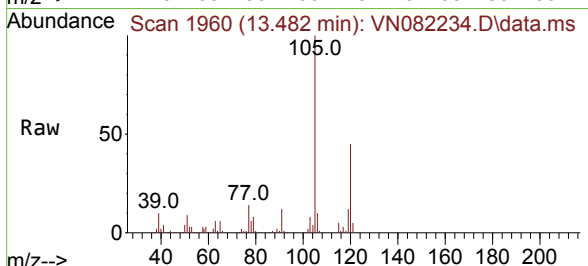




#84
 1,2,4-Trimethylbenzene
 Concen: 13.678 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. -0.000 min
 Lab File: VN082234.D
 Acq: 21 May 2024 12:40

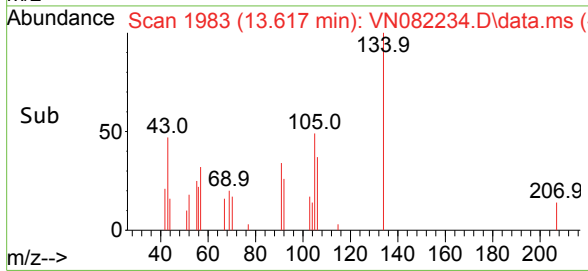
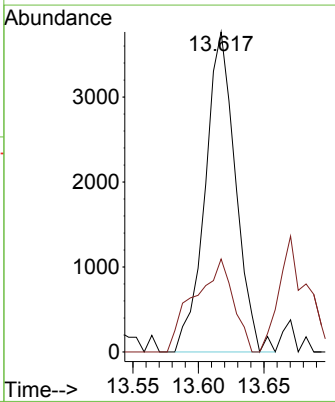
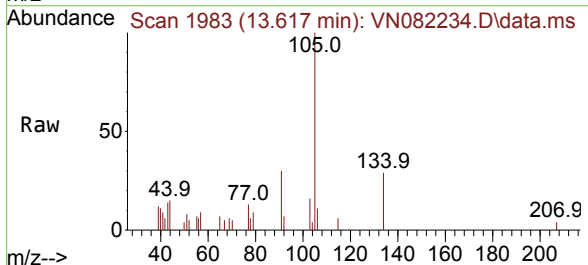
Instrument : MSVOA_N
 ClientSampleId : 50322DL

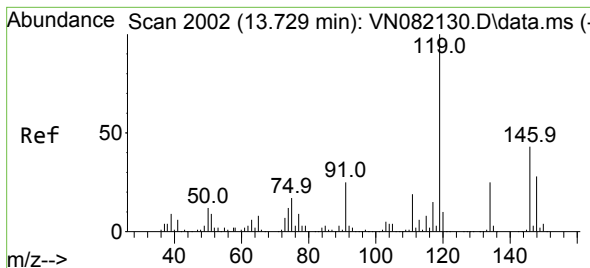
Tgt Ion:	105	Resp:	109643
Ion Ratio	Lower	Upper	
105	100		
120	43.7	22.9	68.7



#85
 sec-Butylbenzene
 Concen: 0.639 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN082234.D
 Acq: 21 May 2024 12:40

Tgt Ion:	105	Resp:	6073
Ion Ratio	Lower	Upper	
105	100		
134	37.2	10.2	30.4#

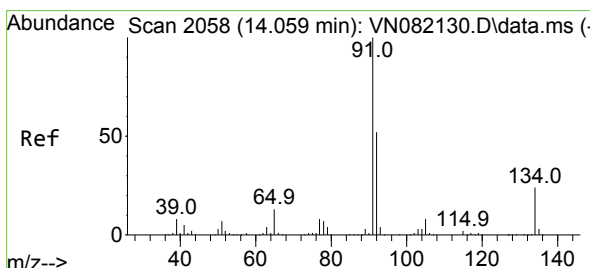
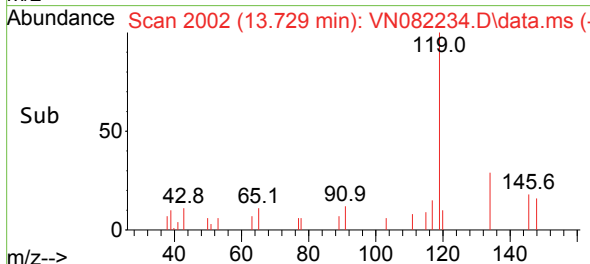
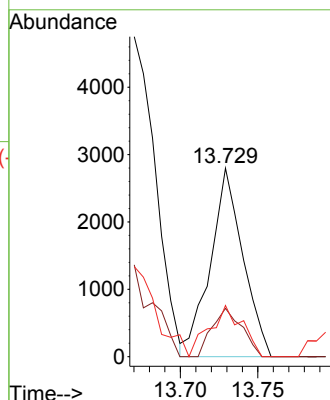
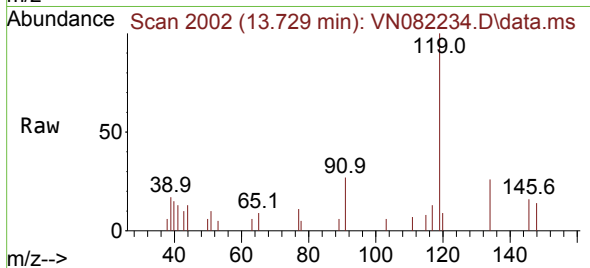




#86
p-Isopropyltoluene
Concen: 0.529 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN082234.D
Acq: 21 May 2024 12:40

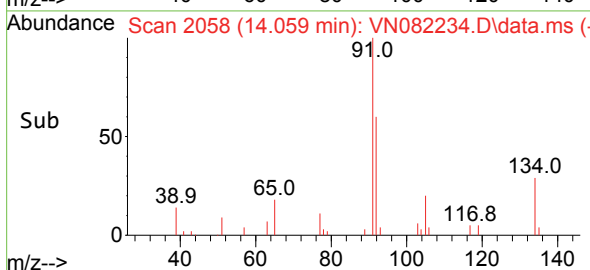
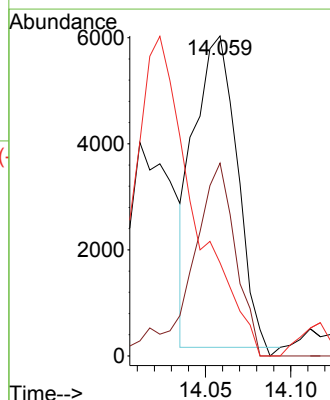
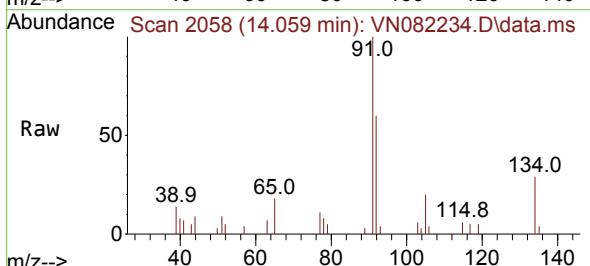
Instrument :
MSVOA_N
ClientSampleId :
50322DL

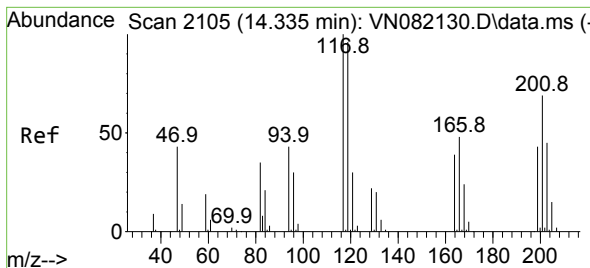
Tgt Ion:	119	Resp:	4085
Ion	Ratio	Lower	Upper
119	100		
134	23.5	13.2	39.5
91	27.4	11.8	35.3



#89
n-Butylbenzene
Concen: 1.462 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN082234.D
Acq: 21 May 2024 12:40

Tgt Ion:	91	Resp:	10147
Ion	Ratio	Lower	Upper
91	100		
92	62.2	26.2	78.5
134	0.0	13.2	39.5#





#90

Hexachloroethane

Concen: 2.677 ug/l

RT: 14.329 min Scan# 2104

Delta R.T. -0.006 min

Lab File: VN082234.D

Acq: 21 May 2024 12:40

Instrument :

MSVOA_N

ClientSampleId :

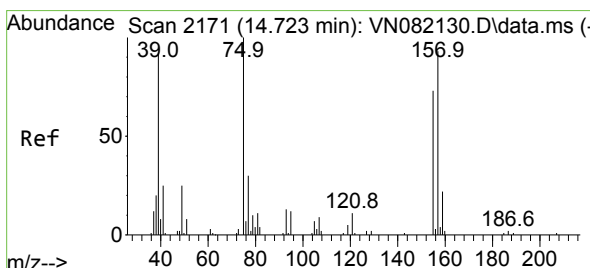
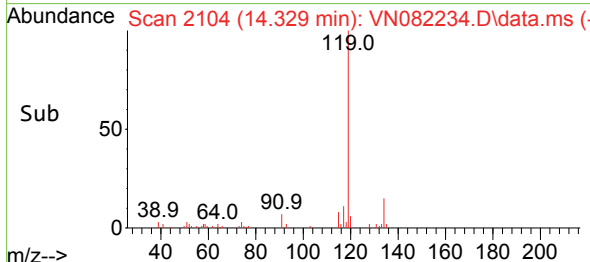
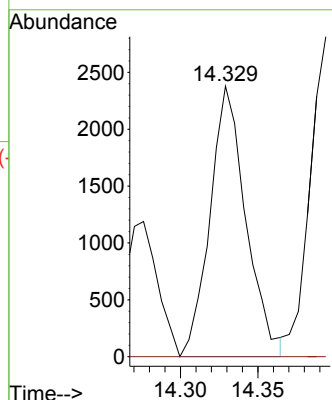
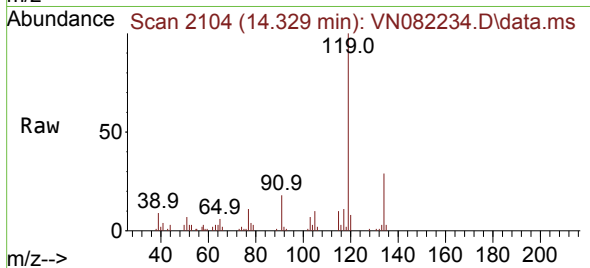
50322DL

Tgt Ion:117 Resp: 3830

Ion Ratio Lower Upper

117 100

201 0.0 33.3 99.8#



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.423 ug/l

RT: 14.923 min Scan# 2205

Delta R.T. 0.200 min

Lab File: VN082234.D

Acq: 21 May 2024 12:40

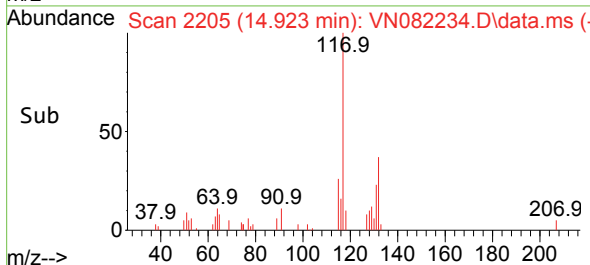
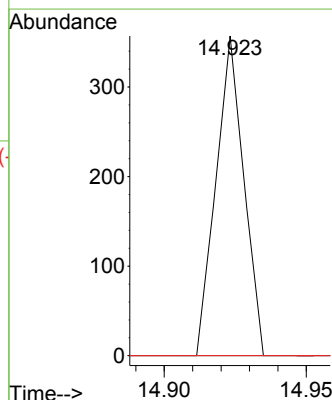
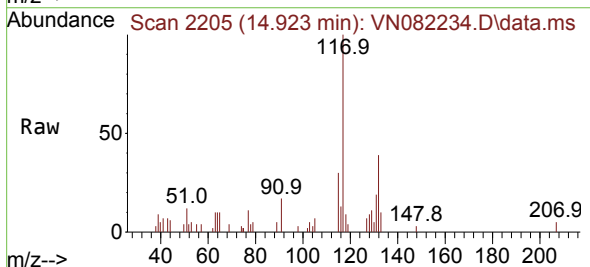
Tgt Ion: 75 Resp: 243

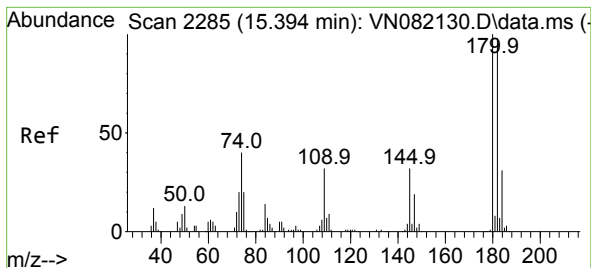
Ion Ratio Lower Upper

75 100

155 0.0 42.6 128.0#

157 0.0 53.0 159.0#





#93

1,2,4-Trichlorobenzene

Concen: 0.296 ug/l

RT: 15.400 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN082234.D

Acq: 21 May 2024 12:40

Instrument :

MSVOA_N

ClientSampleId :

50322DL

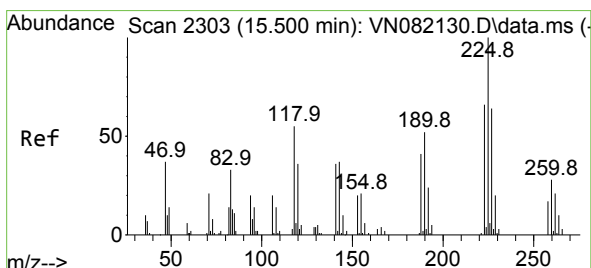
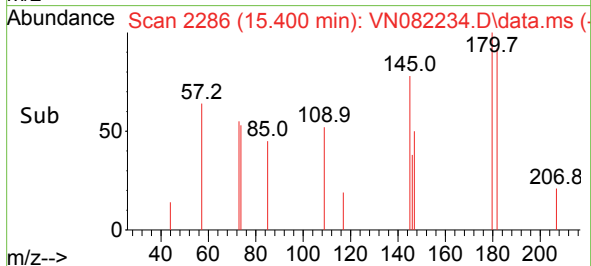
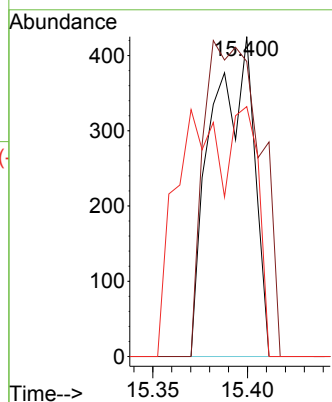
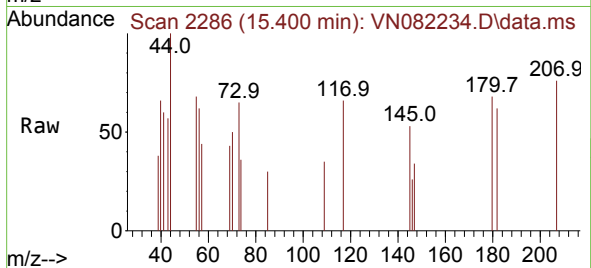
Tgt Ion:180 Resp: 658

Ion Ratio Lower Upper

180 100

182 0.0 46.7 140.0#

145 49.2 16.2 48.6#



#94

Hexachlorobutadiene

Concen: 0.611 ug/l

RT: 15.505 min Scan# 2304

Delta R.T. 0.006 min

Lab File: VN082234.D

Acq: 21 May 2024 12:40

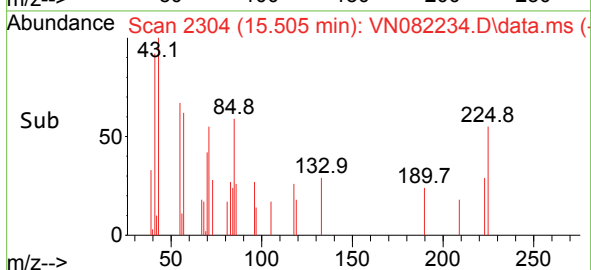
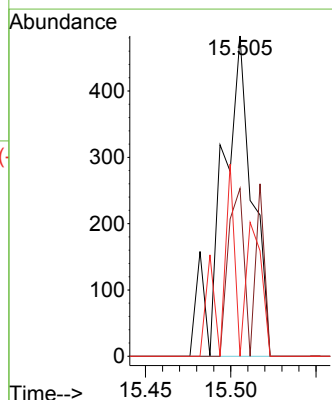
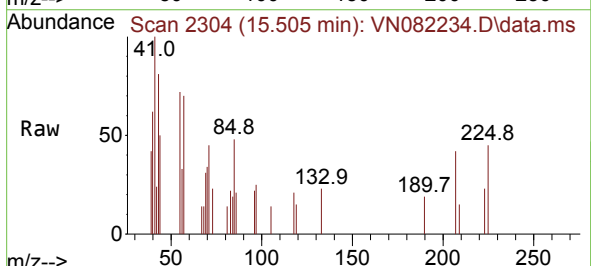
Tgt Ion:225 Resp: 595

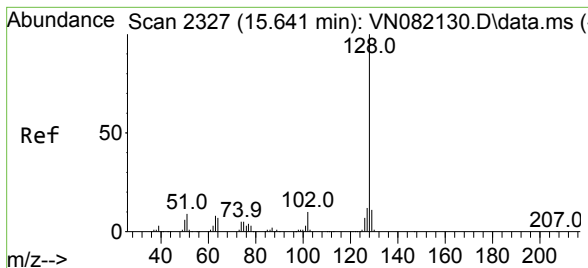
Ion Ratio Lower Upper

225 100

223 42.7 31.1 93.2

227 26.2 30.6 91.6#





#95

Naphthalene

Concen: 2.005 ug/l

RT: 15.647 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN082234.D

Acq: 21 May 2024 12:40

Instrument :

MSVOA_N

ClientSampleId :

50322DL

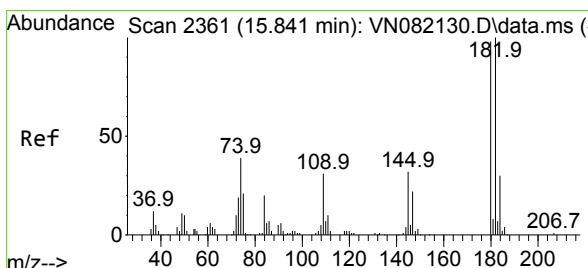
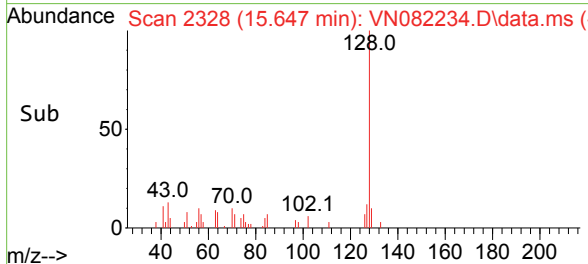
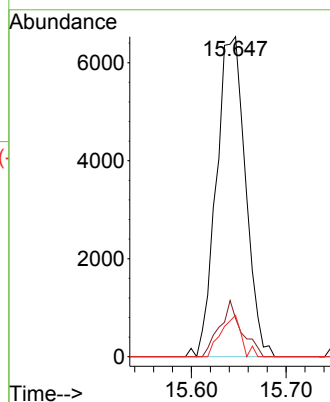
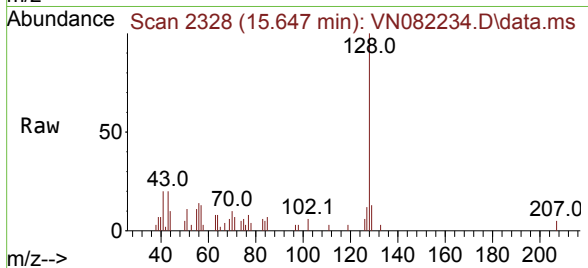
Tgt Ion:128 Resp: 13949

Ion Ratio Lower Upper

128 100

127 13.2 10.1 15.1

129 9.1 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 0.521 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN082234.D

Acq: 21 May 2024 12:40

Tgt Ion:180 Resp: 1157

Ion Ratio Lower Upper

180 100

182 76.9 46.0 137.8

145 50.8 17.1 51.3

