

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052024\
 Data File : VN082223.D
 Acq On : 20 May 2024 20:36
 Operator : JC\MD
 Sample : P2541-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 50322

Quant Time: May 21 03:54:35 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	8.230	168	173147	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	305146	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	284022	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	134634	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	140189	51.275	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.560%	
35) Dibromofluoromethane	8.165	113	97829	52.117	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.240%	
50) Toluene-d8	10.571	98	389065	54.061	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 108.120%	
62) 4-Bromofluorobenzene	12.847	95	134229	52.256	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 104.520%	

Target Compounds						Qvalue
3) Chloromethane	2.365	50	635	0.224	ug/l #	77
11) Tert butyl alcohol	5.518	59	125649	286.299	ug/l	97
13) Acrolein	4.183	56	581	1.786	ug/l #	15
14) Allyl chloride	4.965	41	1133	0.280	ug/l #	16
15) Acrylonitrile	5.812	53	6711	5.904	ug/l #	36
16) Acetone	4.424	43	716376	638.738	ug/l	91
18) Methyl Acetate	5.106	43	1800	0.644	ug/l #	47
20) Methylene Chloride	5.271	84	735	0.325	ug/l #	1
25) 2-Butanone	7.488	43	73324	43.120	ug/l #	87
26) 2,2-Dichloropropane	7.430	77	49531	13.571	ug/l #	53
29) Tetrahydrofuran	7.847	42	674	0.617	ug/l #	29
30) Chloroform	7.941	83	12096	2.907	ug/l #	24
31) Cyclohexane	8.224	56	38013	8.705	ug/l #	56
37) Ethyl Acetate	7.488	43	73349	20.819	ug/l #	68
38) Carbon Tetrachloride	8.230	117	19083	5.980	ug/l #	17
39) Methylcyclohexane	9.600	83	43685	12.659	ug/l #	79
40) Benzene	8.612	78	3124	0.333	ug/l #	71
41) Methacrylonitrile	7.753	41	552	0.266	ug/l #	29
43) Isopropyl Acetate	8.694	43	51448	8.241	ug/l #	54
45) 1,2-Dichloropropane	9.588	63	715	0.295	ug/l #	1
47) Bromodichloromethane	9.877	83	7931	2.362	ug/l #	25
48) Methyl methacrylate	9.653	41	11763	3.954	ug/l #	30
51) 4-Methyl-2-Pentanone	10.453	43	13841	3.902	ug/l	92
52) Toluene	10.629	92	5075	0.901	ug/l	87
55) 1,1,2-Trichloroethane	11.012	97	9058	4.424	ug/l #	26
56) Ethyl methacrylate	10.929	69	1579	0.454	ug/l #	1
59) 2-Hexanone	11.059	43	3862	1.487	ug/l	85
67) Ethyl Benzene	11.965	91	79939	7.122	ug/l	96
68) m/p-Xylenes	12.071	106	113563	27.606	ug/l	93
69) o-Xylene	12.400	106	37245	9.347	ug/l	86
70) Styrene	12.412	104	7995	1.208	ug/l #	12
71) Bromoform	12.847	173	1057	1.335	ug/l #	1
73) Isopropylbenzene	12.700	105	54025	5.051	ug/l	98
74) N-amyl acetate	12.459	43	13482	2.292	ug/l #	44
75) 1,1,2,2-Tetrachloroethane	12.947	83	971	0.315	ug/l #	11
76) 1,2,3-Trichloropropane	12.959	75	4271	1.507	ug/l #	1

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

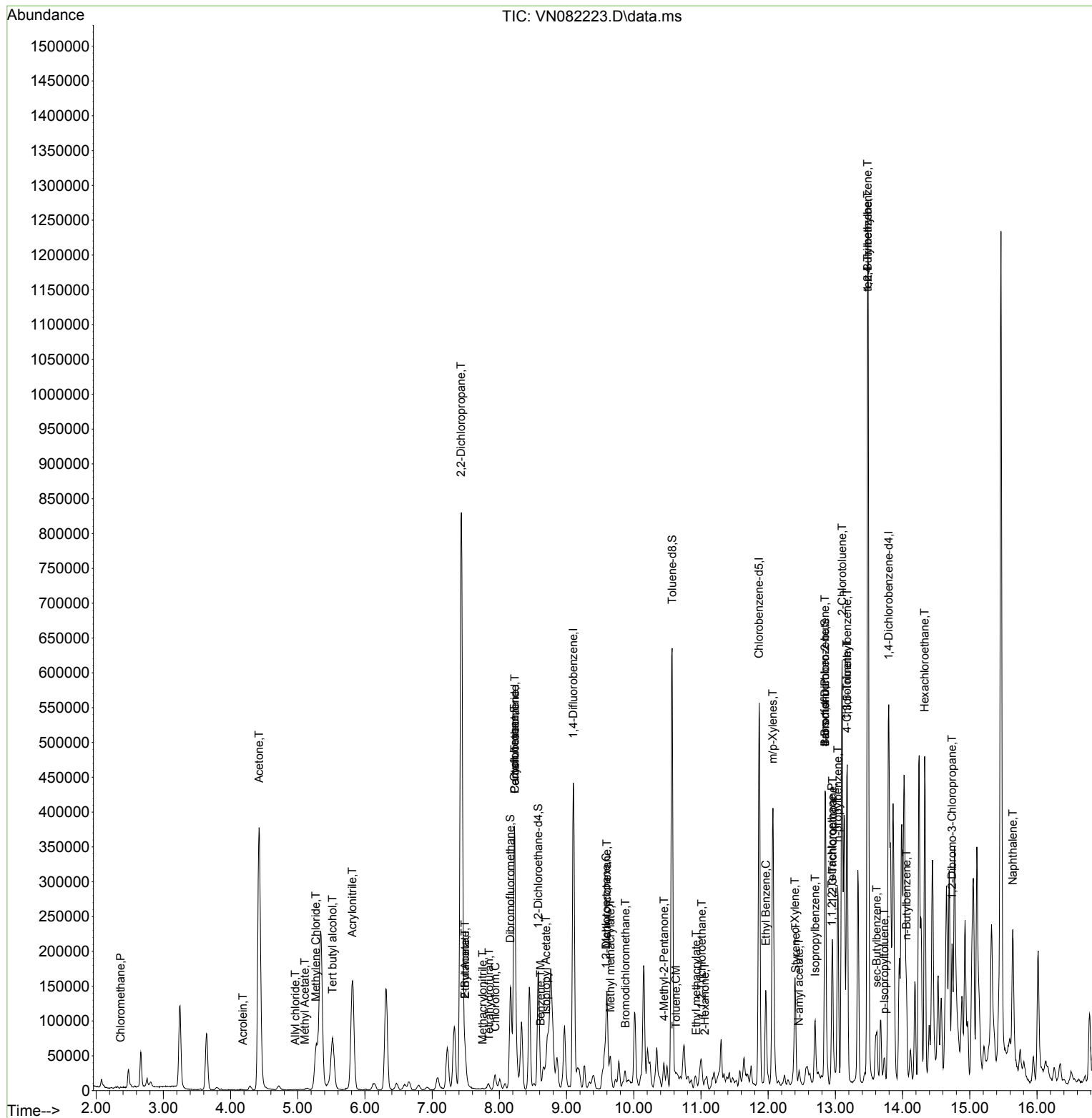
78) n-propylbenzene	13.035	91	217022	17.135	ug/l	96
79) 2-Chlorotoluene	13.100	91	45389	5.707	ug/l #	40
80) 1,3,5-Trimethylbenzene	13.176	105	228133	26.378	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.847	75	79584	65.689	ug/l #	13
82) 4-Chlorotoluene	13.170	91	26529	3.412	ug/l #	40
83) tert-Butylbenzene	13.482	119	83022	10.973	ug/l #	58
84) 1,2,4-Trimethylbenzene	13.482	105	687175	77.662	ug/l	97
85) sec-Butylbenzene	13.617	105	33166	3.162	ug/l #	59
86) p-Isopropyltoluene	13.729	119	18152	2.130	ug/l	99
89) n-Butylbenzene	14.059	91	69234	9.037	ug/l #	80
90) Hexachloroethane	14.329	117	22665	14.353	ug/l #	17
92) 1,2-Dibromo-3-Chloropr...	14.735	75	509	0.803	ug/l #	2
95) Naphthalene	15.641	128	77111	10.042	ug/l #	96

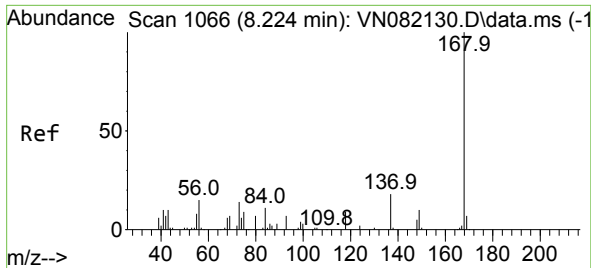
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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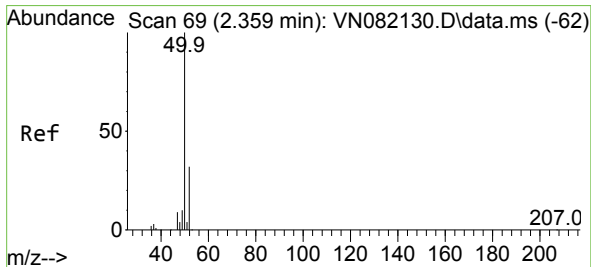
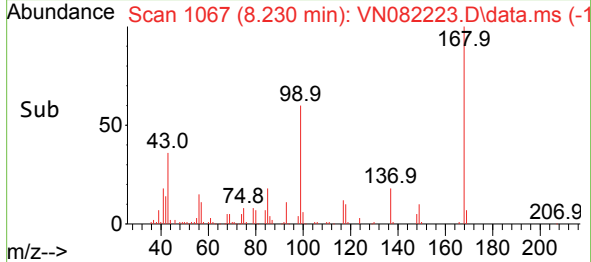
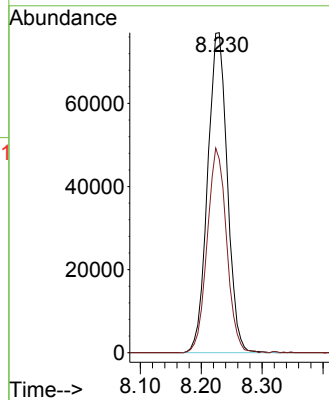
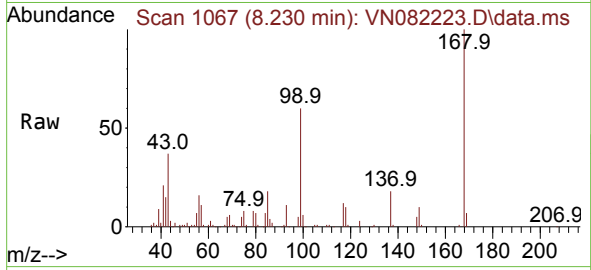




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN082223.D
Acq: 20 May 2024 20:36

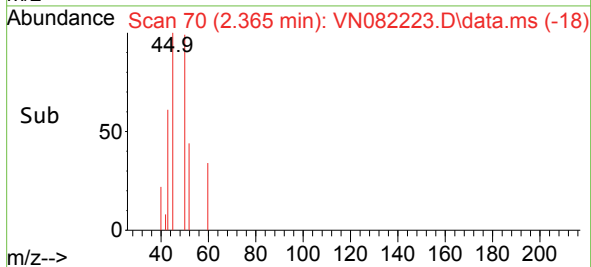
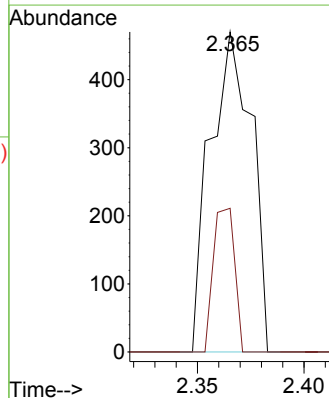
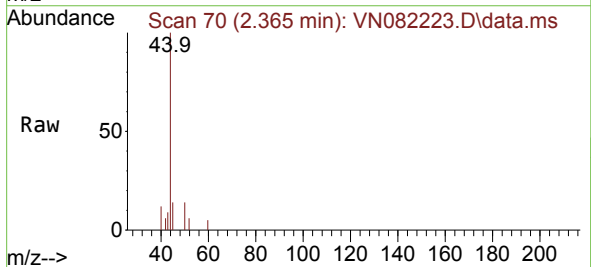
Instrument :
MSVOA_N
ClientSampleId :
50322

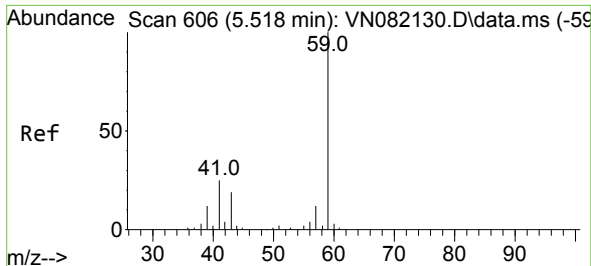
Tgt Ion:168 Resp: 173147
Ion Ratio Lower Upper
168 100
99 60.5 48.2 72.4



#3
Chloromethane
Concen: 0.224 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN082223.D
Acq: 20 May 2024 20:36

Tgt Ion: 50 Resp: 635
Ion Ratio Lower Upper
50 100
52 44.9 25.5 38.3#

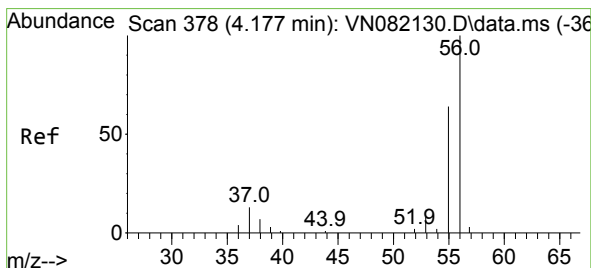
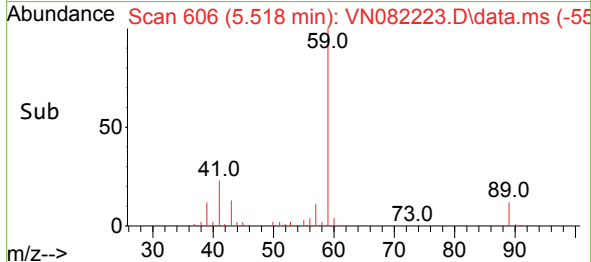
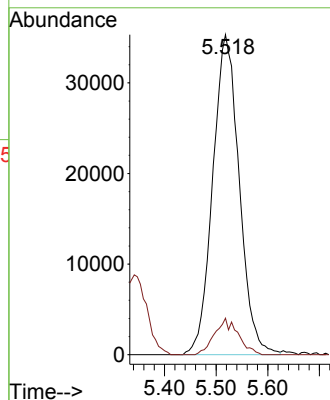
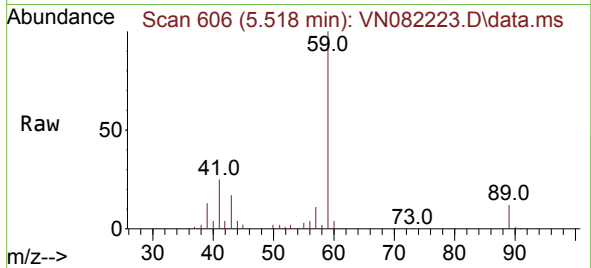




#11
Tert butyl alcohol
Concen: 286.299 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.000 min
Lab File: VN082223.D
Acq: 20 May 2024 20:36

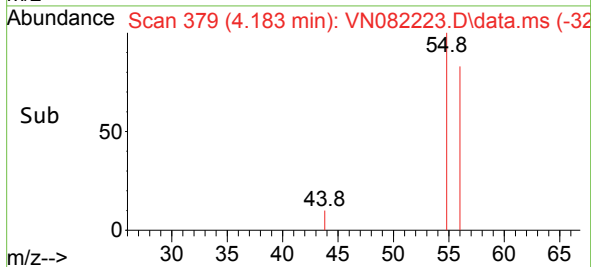
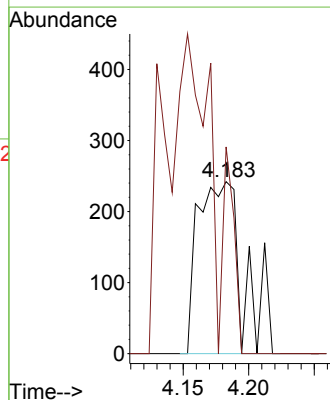
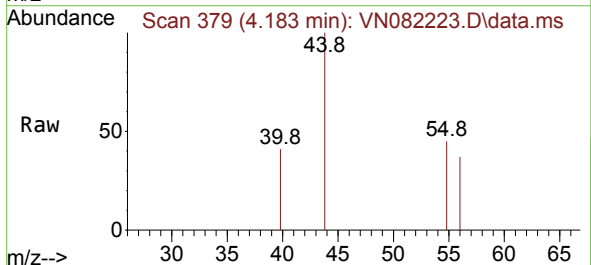
Instrument :
MSVOA_N
ClientSampleId :
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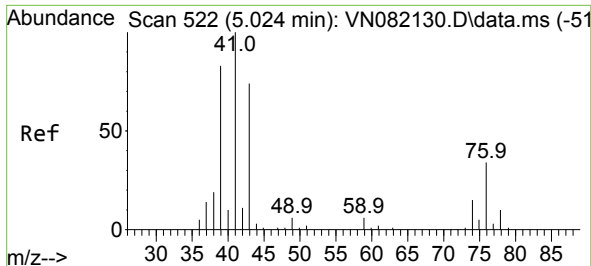
Tgt Ion: 59 Resp: 125649
Ion Ratio Lower Upper
59 100
57 10.1 8.9 13.3



#13
Acrolein
Concen: 1.786 ug/l
RT: 4.183 min Scan# 379
Delta R.T. 0.006 min
Lab File: VN082223.D
Acq: 20 May 2024 20:36

Tgt Ion: 56 Resp: 581
Ion Ratio Lower Upper
56 100
55 0.0 55.8 83.8#

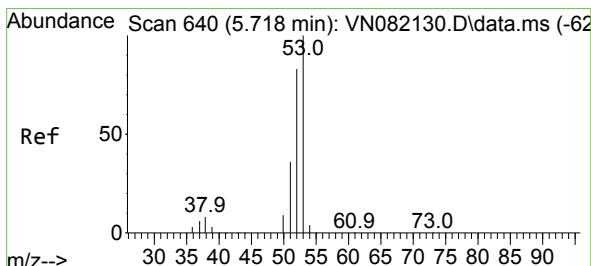
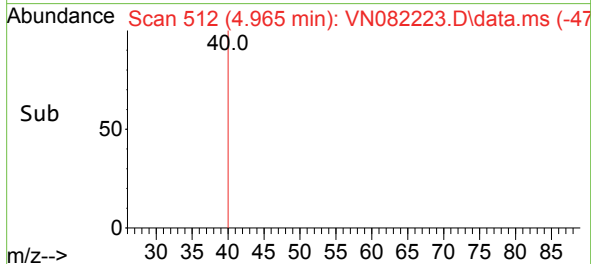
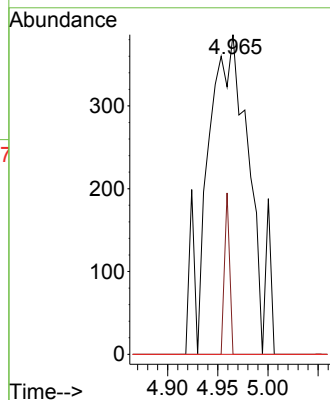
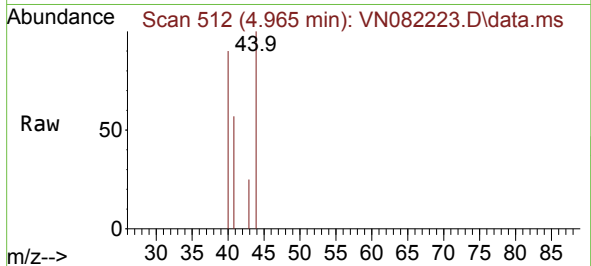




#14
 Allyl chloride
 Concen: 0.280 ug/l
 RT: 4.965 min Scan# 51
 Delta R.T. -0.059 min
 Lab File: VN082223.D
 Acq: 20 May 2024 20:36

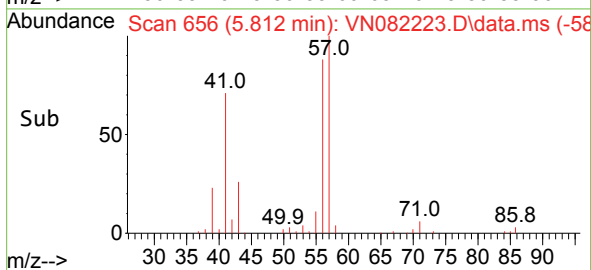
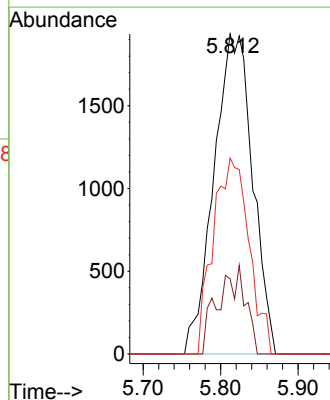
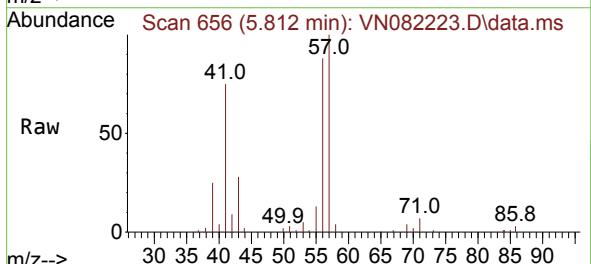
Instrument :
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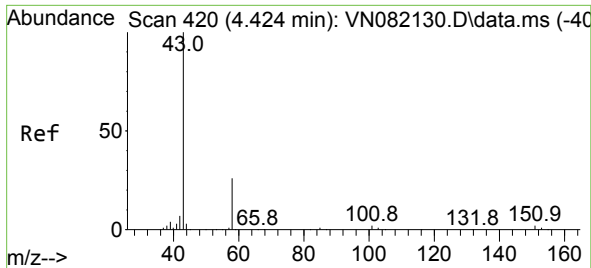
Tgt Ion: 41 Resp: 1133
 Ion Ratio Lower Upper
 41 100
 39 0.0 65.4 98.0#
 76 0.0 37.3 55.9#



#15
 Acrylonitrile
 Concen: 5.904 ug/l
 RT: 5.812 min Scan# 656
 Delta R.T. 0.094 min
 Lab File: VN082223.D
 Acq: 20 May 2024 20:36

Tgt Ion: 53 Resp: 6711
 Ion Ratio Lower Upper
 53 100
 52 12.7 66.1 99.1#
 51 56.7 29.4 44.2#

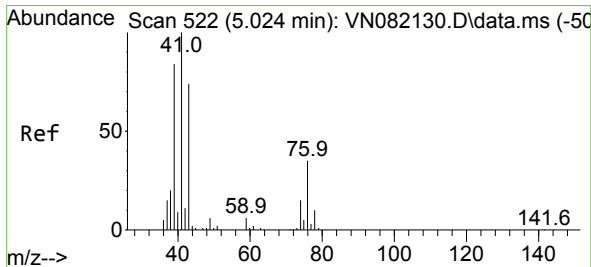
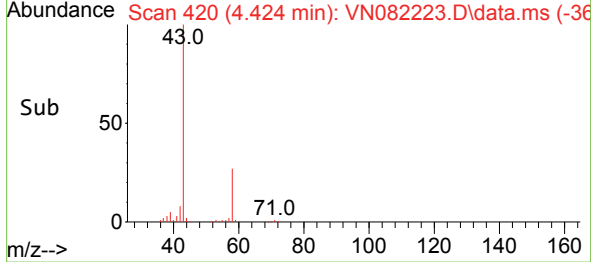
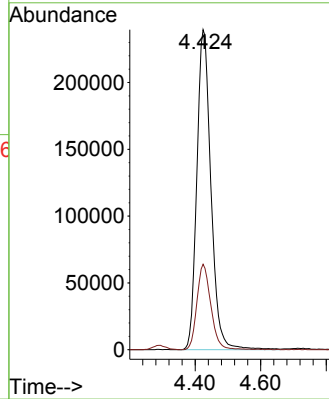
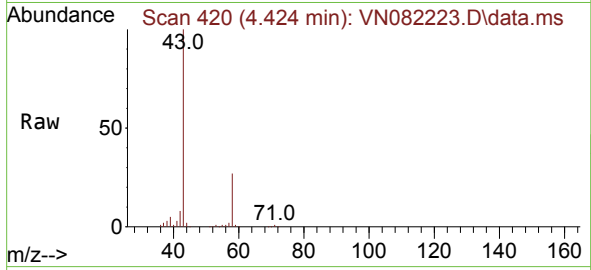




#16
Acetone
Concen: 638.738 ug/l
RT: 4.424 min Scan# 431
Delta R.T. -0.000 min
Lab File: VN082223.D
Acq: 20 May 2024 20:36

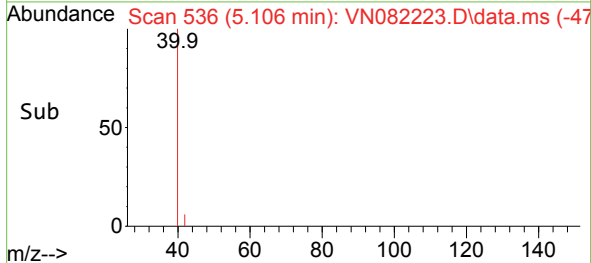
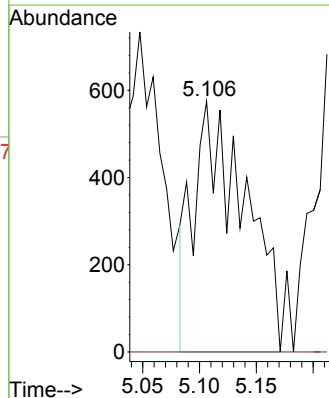
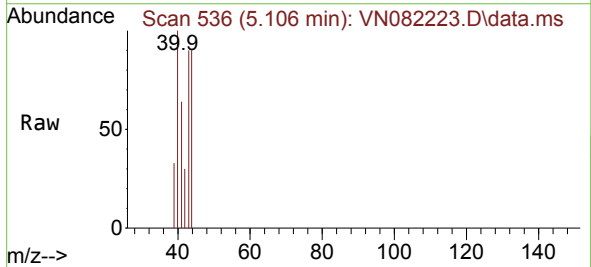
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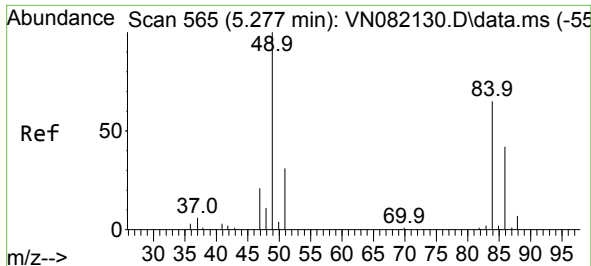
Tgt Ion: 43 Resp: 716376
Ion Ratio Lower Upper
43 100
58 26.7 25.2 37.8



#18
Methyl Acetate
Concen: 0.644 ug/l
RT: 5.106 min Scan# 536
Delta R.T. 0.082 min
Lab File: VN082223.D
Acq: 20 May 2024 20:36

Tgt Ion: 43 Resp: 1800
Ion Ratio Lower Upper
43 100
74 0.0 22.2 33.2#

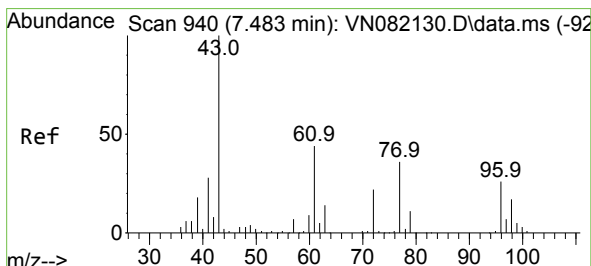
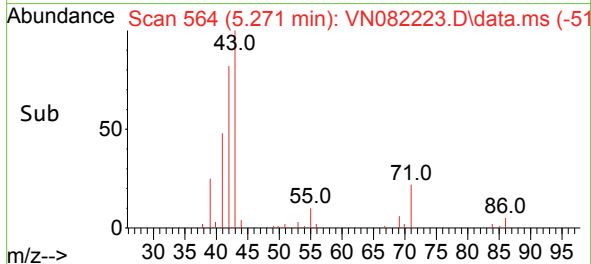
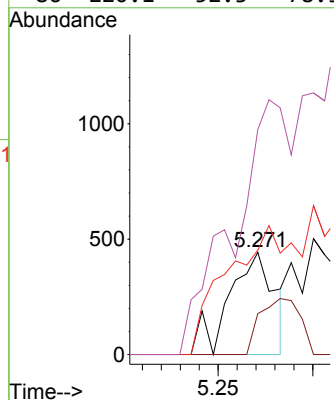
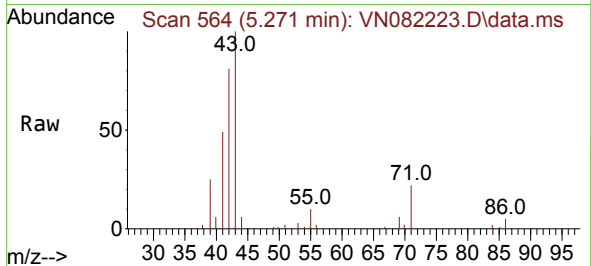




#20
Methylene Chloride
Concen: 0.325 ug/l
RT: 5.271 min Scan# 50
Delta R.T. -0.006 min
Lab File: VN082223.D
Acq: 20 May 2024 20:36

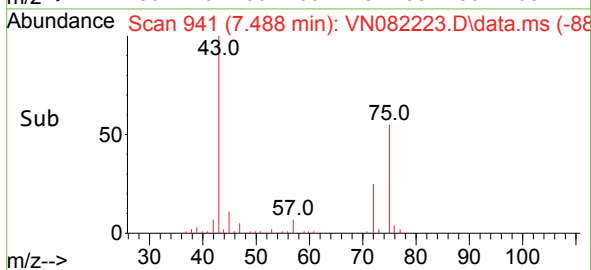
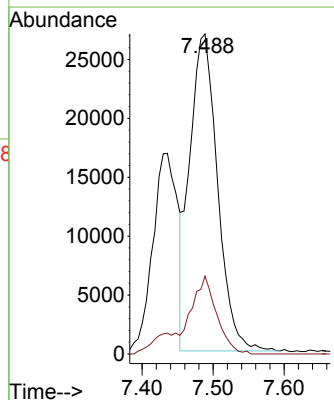
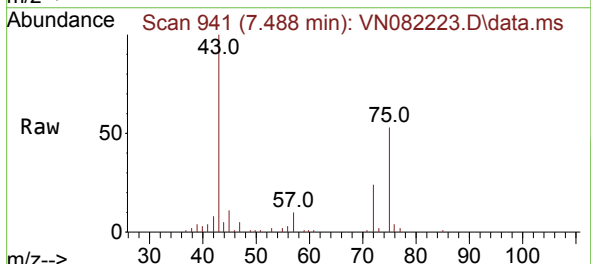
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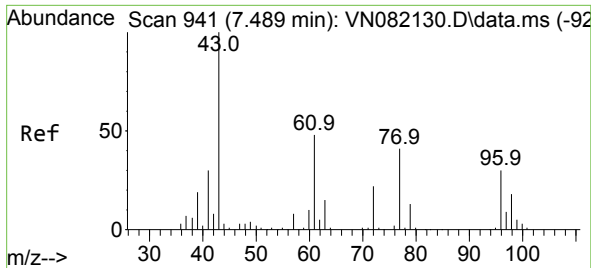
Tgt Ion:	84	Resp:	735
Ion	Ratio	Lower	Upper
84	100		
49	40.2	84.9	127.3#
51	102.0	27.0	40.6#
86	220.1	52.3	78.5#



#25
2-Butanone
Concen: 43.120 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN082223.D
Acq: 20 May 2024 20:36

Tgt Ion:	43	Resp:	73324
Ion	Ratio	Lower	Upper
43	100		
72	24.5	25.3	37.9#

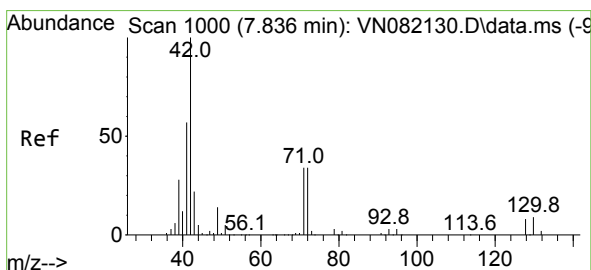
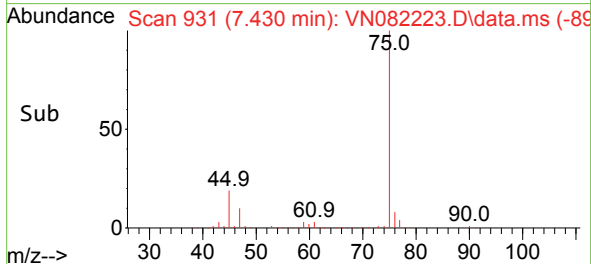
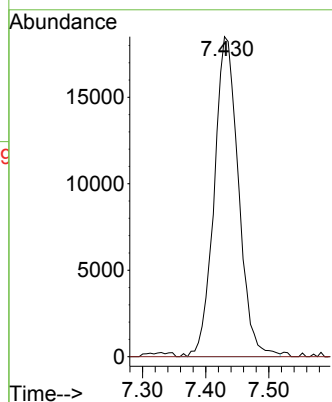
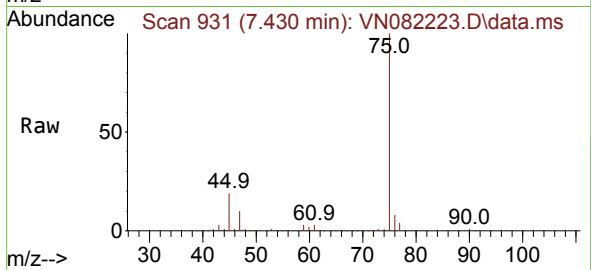




#26
2,2-Dichloropropane
Concen: 13.571 ug/l
RT: 7.430 min Scan# 91
Delta R.T. -0.059 min
Lab File: VN082223.D
Acq: 20 May 2024 20:36

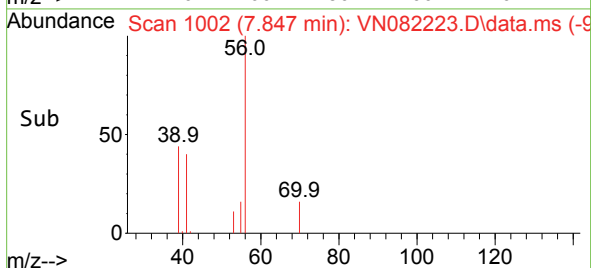
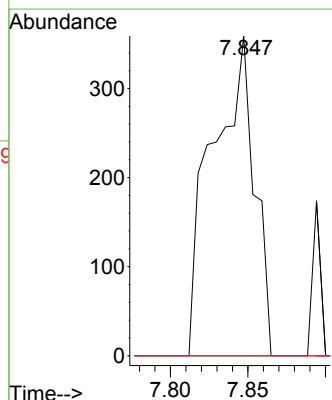
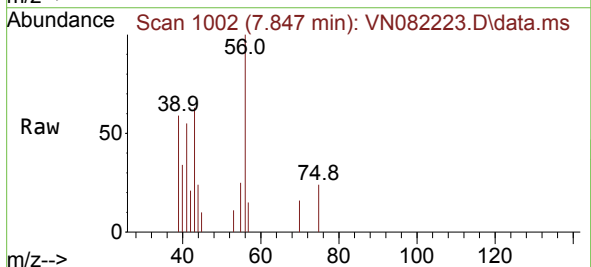
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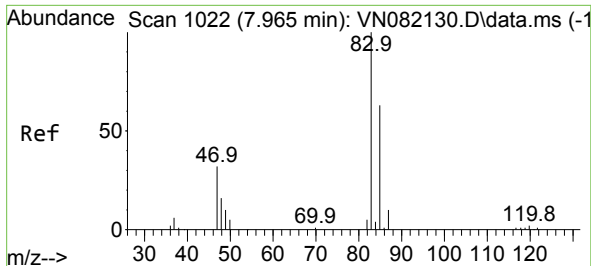
Tgt Ion: 77 Resp: 49531
Ion Ratio Lower Upper
77 100
97 0.0 11.3 33.9#



#29
Tetrahydrofuran
Concen: 0.617 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. 0.011 min
Lab File: VN082223.D
Acq: 20 May 2024 20:36

Tgt Ion: 42 Resp: 674
Ion Ratio Lower Upper
42 100
72 0.0 39.3 58.9#
71 0.0 37.4 56.0#

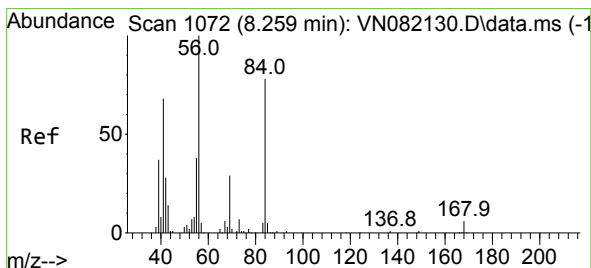
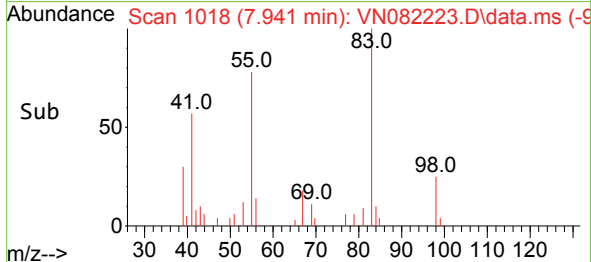
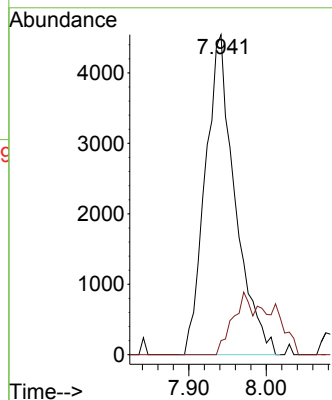
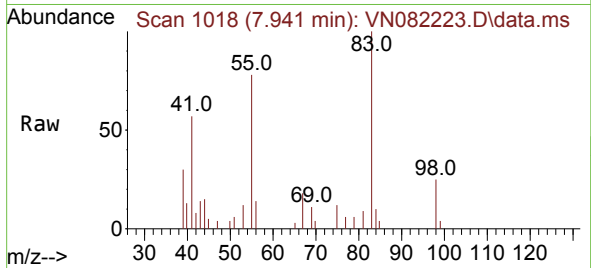




#30
Chloroform
Concen: 2.907 ug/l
RT: 7.941 min Scan# 1018
Delta R.T. -0.024 min
Lab File: VN082223.D
Acq: 20 May 2024 20:36

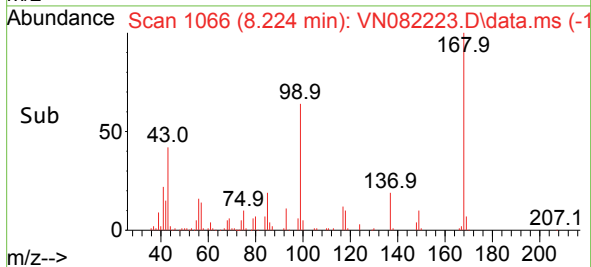
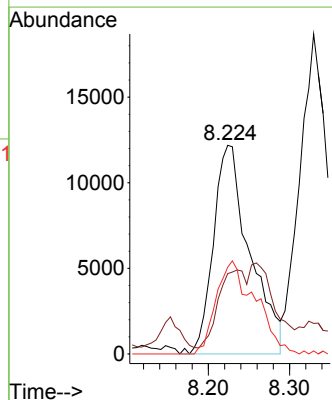
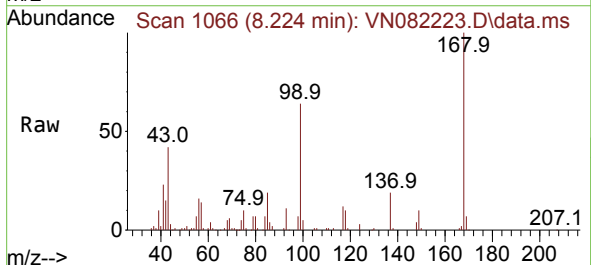
Instrument :
MSVOA_N
ClientSampleId :
50322

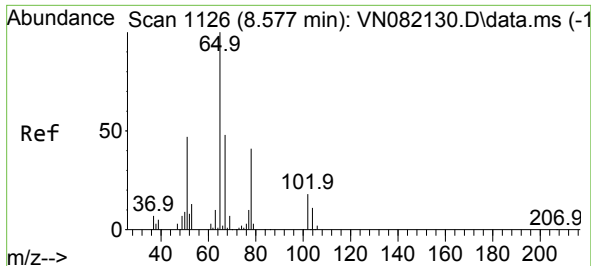
Tgt Ion: 83 Resp: 12096
Ion Ratio Lower Upper
83 100
85 4.4 50.7 76.1#



#31
Cyclohexane
Concen: 8.705 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082223.D
Acq: 20 May 2024 20:36

Tgt Ion: 56 Resp: 38013
Ion Ratio Lower Upper
56 100
69 27.1 24.4 36.6
84 41.5 77.0 115.4#





#33

1,2-Dichloroethane-d4

Concen: 51.275 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN082223.D

Acq: 20 May 2024 20:36

Instrument :

MSVOA_N

ClientSampleId :

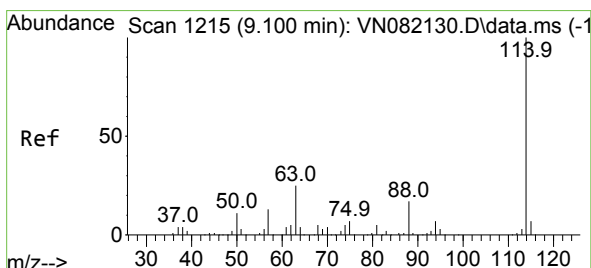
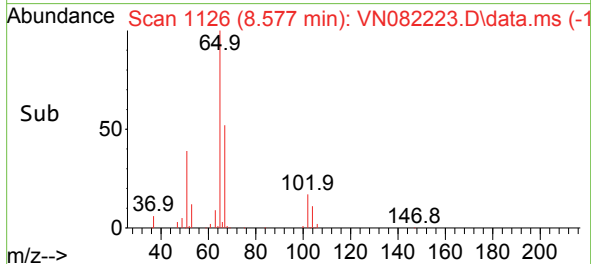
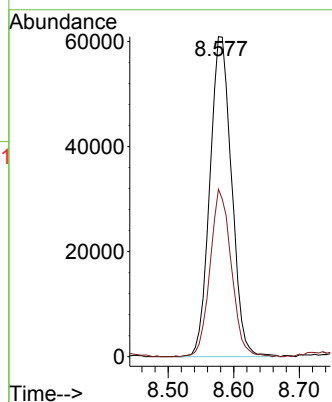
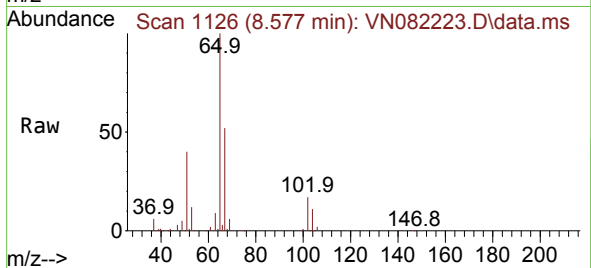
50322

Tgt Ion: 65 Resp: 140189

Ion Ratio Lower Upper

65 100

67 51.3 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: VN082223.D

Acq: 20 May 2024 20:36

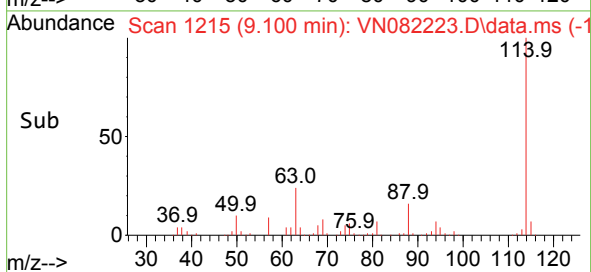
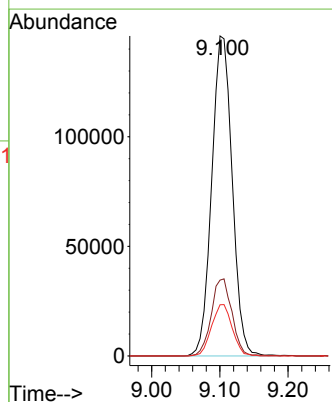
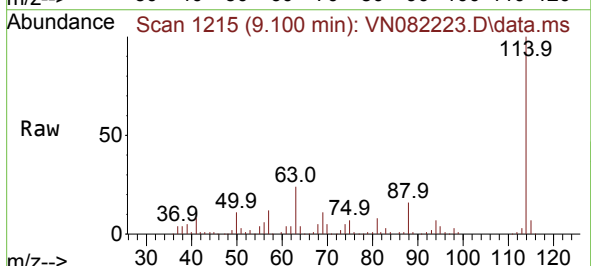
Tgt Ion: 114 Resp: 305146

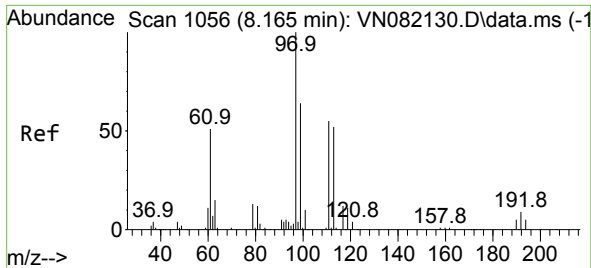
Ion Ratio Lower Upper

114 100

63 23.7 0.0 41.0

88 16.0 0.0 31.4

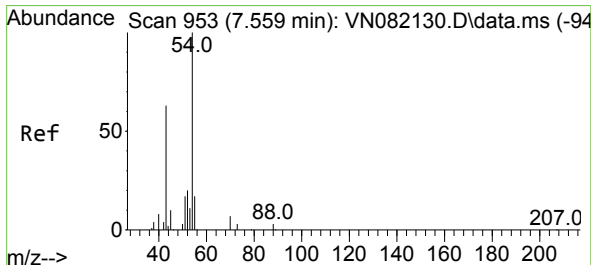
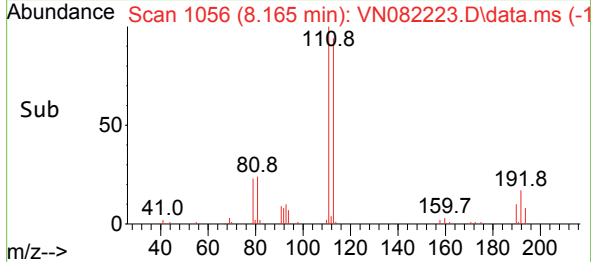
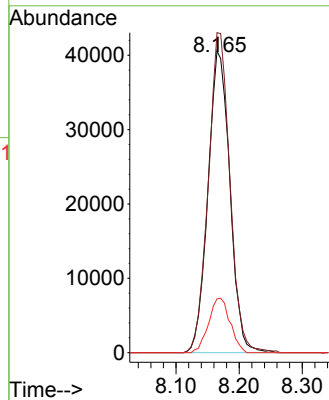
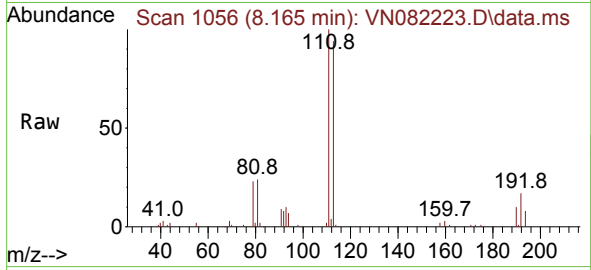




#35
Dibromofluoromethane
Concen: 52.117 ug/l
RT: 8.165 min Scan# 110
Delta R.T. -0.000 min
Lab File: VN082223.D
Acq: 20 May 2024 20:36

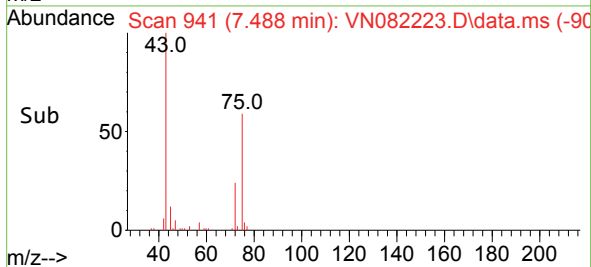
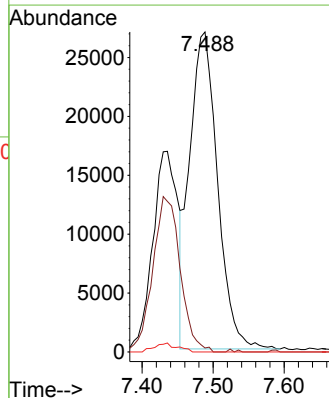
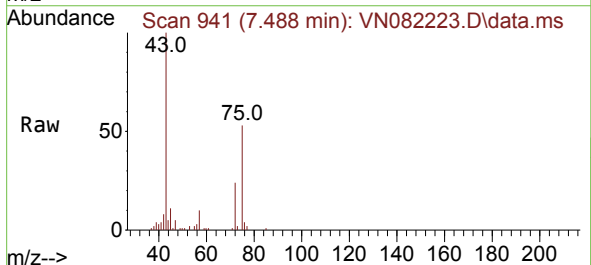
Instrument :
MSVOA_N
ClientSampleId :
50322

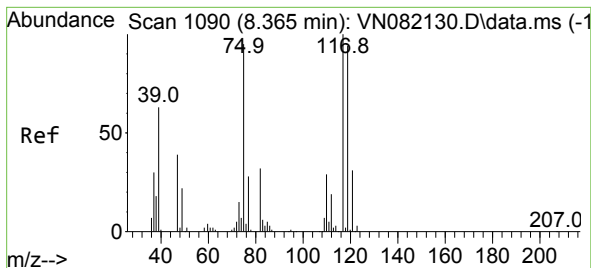
Tgt Ion:113 Resp: 97829
Ion Ratio Lower Upper
113 100
111 104.8 83.4 125.2
192 17.7 14.0 21.0



#37
Ethyl Acetate
Concen: 20.819 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.071 min
Lab File: VN082223.D
Acq: 20 May 2024 20:36

Tgt Ion: 43 Resp: 73349
Ion Ratio Lower Upper
43 100
61 0.0 11.3 16.9#
70 0.0 8.7 13.1#





#38

Carbon Tetrachloride

Concen: 5.980 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.135 min

Lab File: VN082223.D

Acq: 20 May 2024 20:36

Instrument :

MSVOA_N

ClientSampleId :

50322

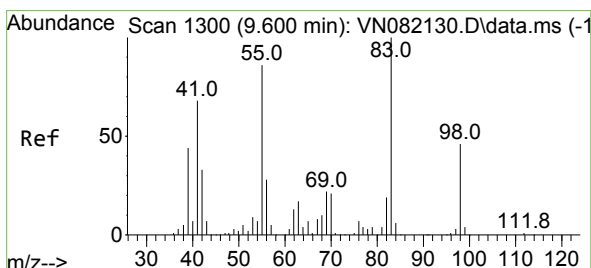
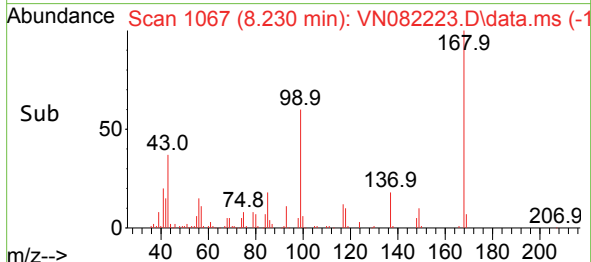
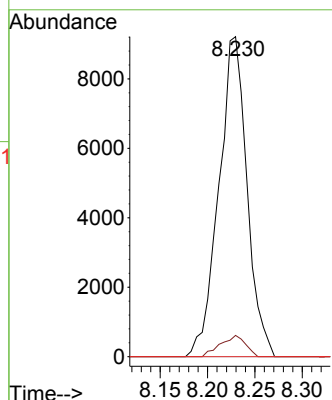
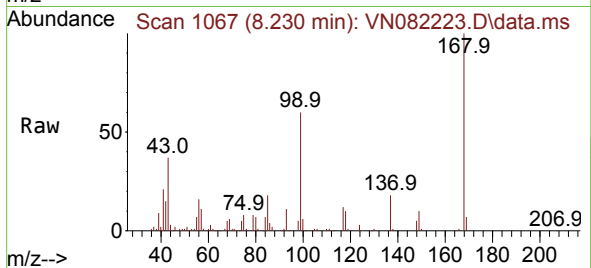
Tgt Ion:117 Resp: 19083

Ion Ratio Lower Upper

117 100

119 6.7 76.5 114.7#

121 0.0 23.9 35.9#



#39

Methylcyclohexane

Concen: 12.659 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN082223.D

Acq: 20 May 2024 20:36

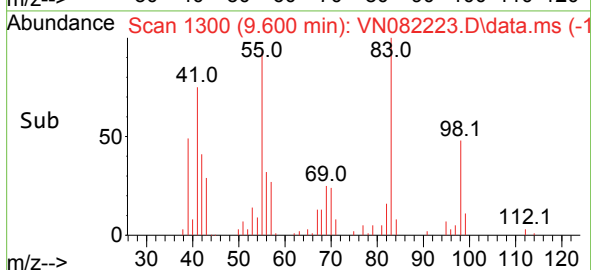
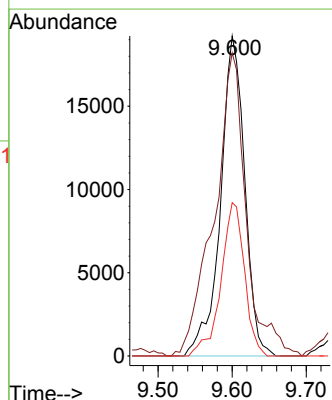
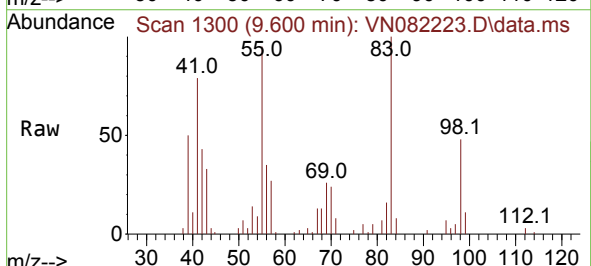
Tgt Ion: 83 Resp: 43685

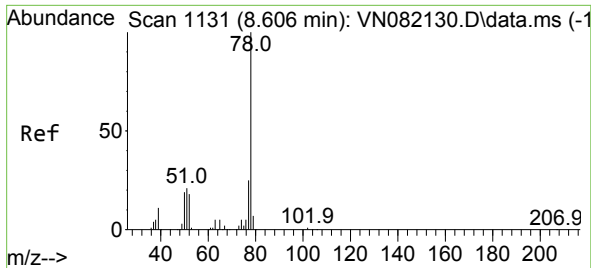
Ion Ratio Lower Upper

83 100

55 93.6 53.0 79.6#

98 47.9 37.1 55.7





#40

Benzene

Concen: 0.333 ug/l

RT: 8.612 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VN082223.D

Acq: 20 May 2024 20:36

Instrument :

MSVOA_N

ClientSampleId :

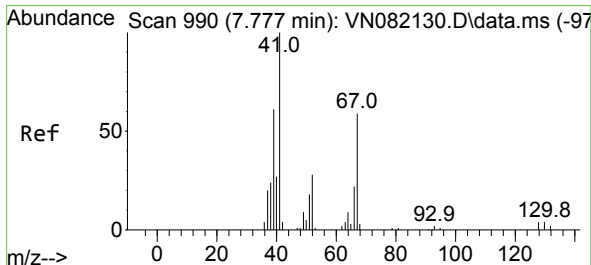
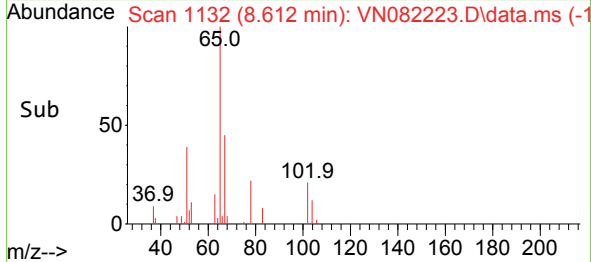
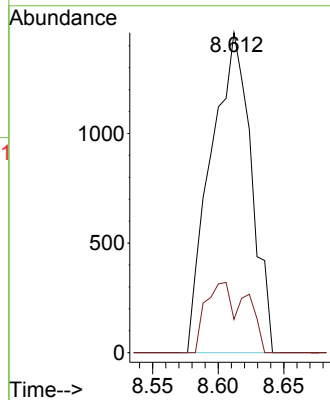
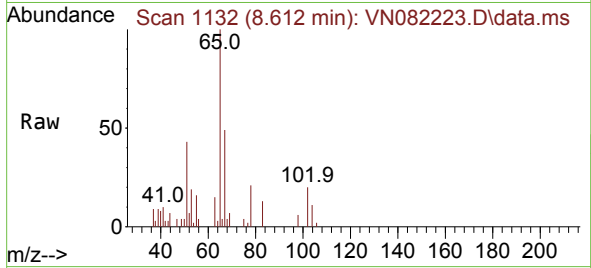
50322

Tgt Ion: 78 Resp: 3124

Ion Ratio Lower Upper

78 100

77 10.4 20.0 30.0#



#41

Methacrylonitrile

Concen: 0.266 ug/l

RT: 7.753 min Scan# 986

Delta R.T. -0.024 min

Lab File: VN082223.D

Acq: 20 May 2024 20:36

Tgt Ion: 41 Resp: 552

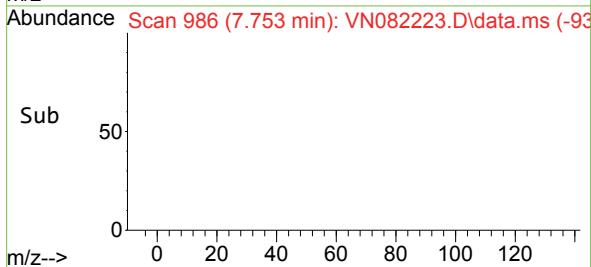
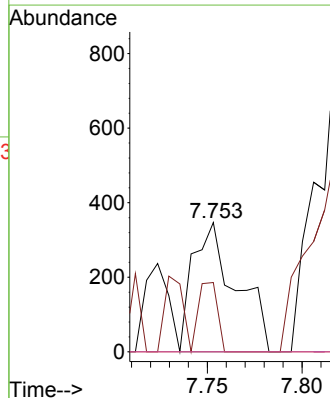
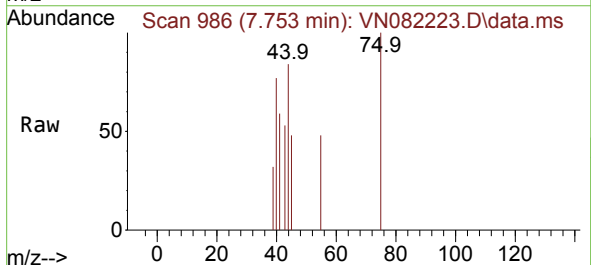
Ion Ratio Lower Upper

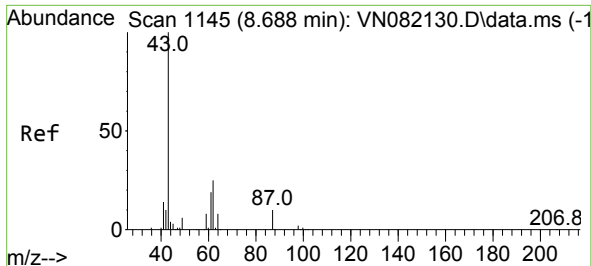
41 100

39 23.6 46.6 69.8#

67 0.0 67.3 100.9#

52 0.0 27.3 40.9#

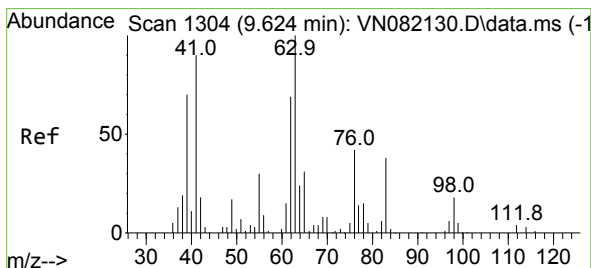
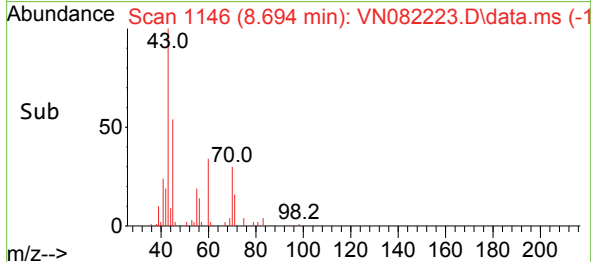
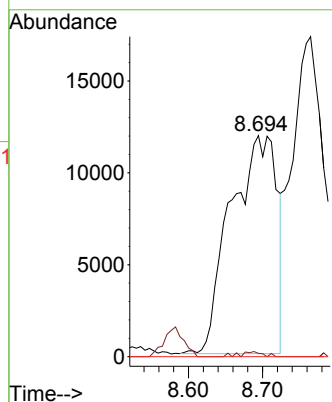
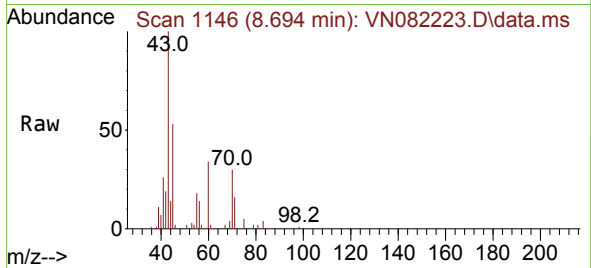




#43
Isopropyl Acetate
Concen: 8.241 ug/l
RT: 8.694 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN082223.D
Acq: 20 May 2024 20:36

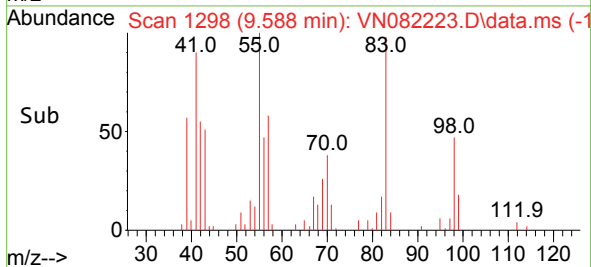
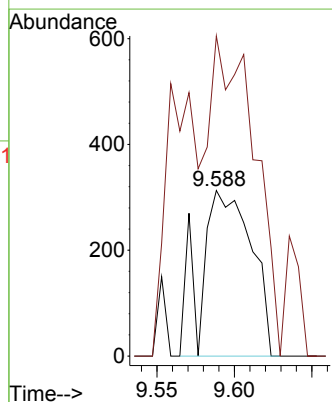
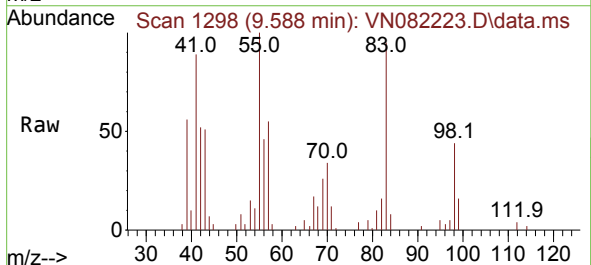
Instrument :
MSVOA_N
ClientSampleId :
50322

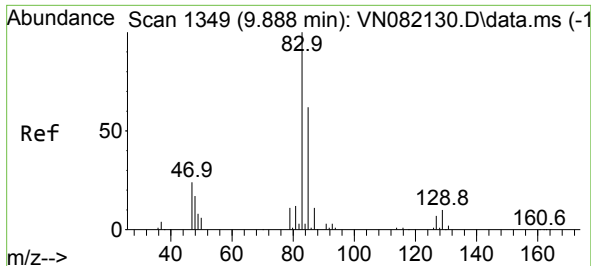
Tgt Ion: 43 Resp: 51448
Ion Ratio Lower Upper
43 100
61 1.0 22.8 34.2#
87 0.0 12.0 18.0#



#45
1,2-Dichloropropane
Concen: 0.295 ug/l
RT: 9.588 min Scan# 1298
Delta R.T. -0.035 min
Lab File: VN082223.D
Acq: 20 May 2024 20:36

Tgt Ion: 63 Resp: 715
Ion Ratio Lower Upper
63 100
65 193.3 24.1 36.1#





#47

Bromodichloromethane

Concen: 2.362 ug/l

RT: 9.877 min Scan# 11

Delta R.T. -0.012 min

Lab File: VN082223.D

Acq: 20 May 2024 20:36

Instrument :

MSVOA_N

ClientSampleId :

50322

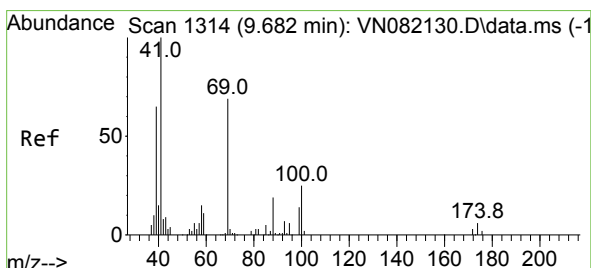
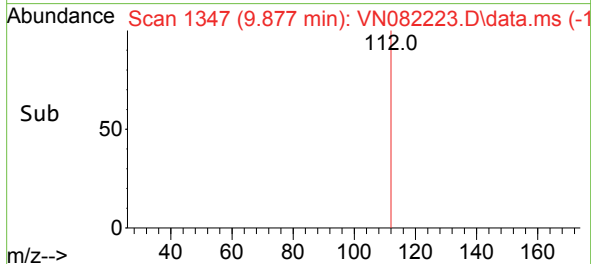
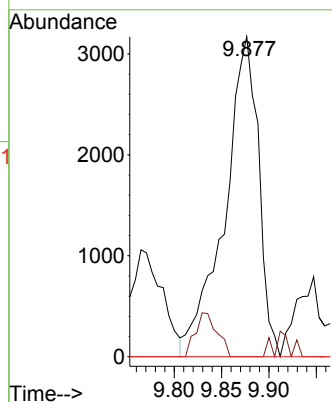
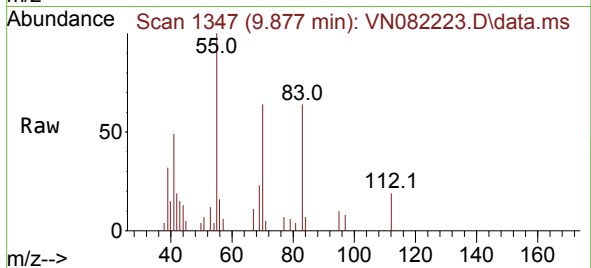
Tgt Ion: 83 Resp: 7931

Ion Ratio Lower Upper

83 100

85 0.0 51.9 77.9#

127 0.0 7.5 11.3#



#48

Methyl methacrylate

Concen: 3.954 ug/l

RT: 9.653 min Scan# 1309

Delta R.T. -0.029 min

Lab File: VN082223.D

Acq: 20 May 2024 20:36

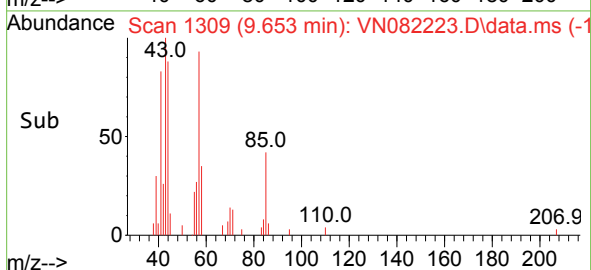
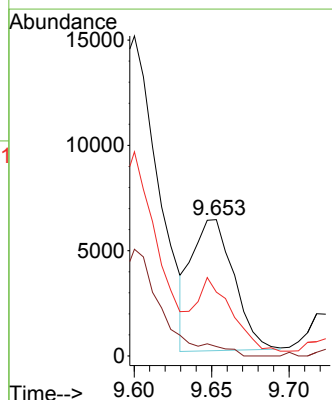
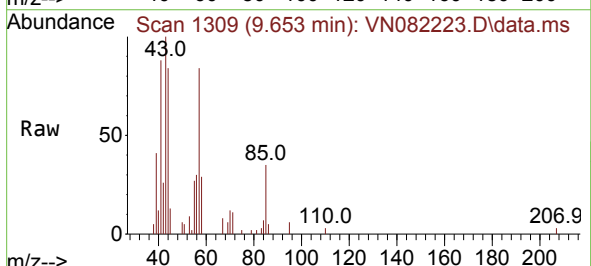
Tgt Ion: 41 Resp: 11763

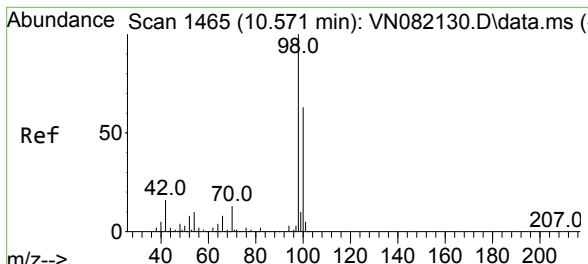
Ion Ratio Lower Upper

41 100

69 0.0 77.9 116.9#

39 44.1 50.9 76.3#

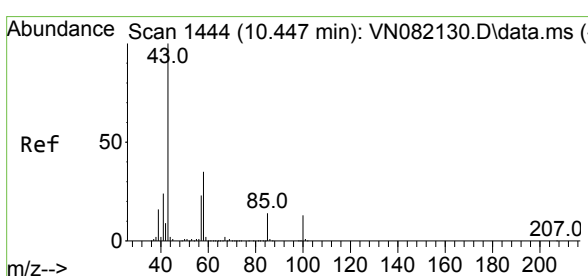
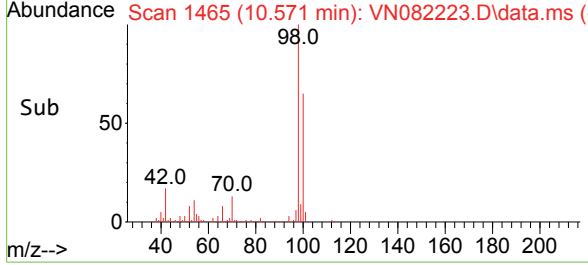
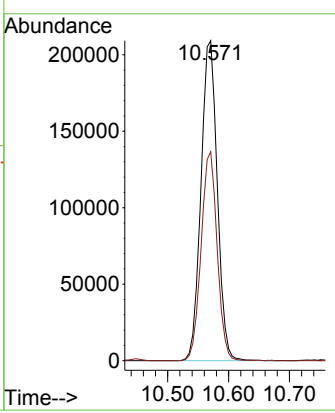
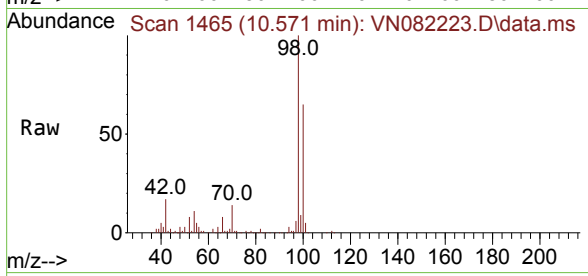




#50
 Toluene-d8
 Concen: 54.061 ug/l
 RT: 10.571 min Scan# 1465
 Delta R.T. -0.000 min
 Lab File: VN082223.D
 Acq: 20 May 2024 20:36

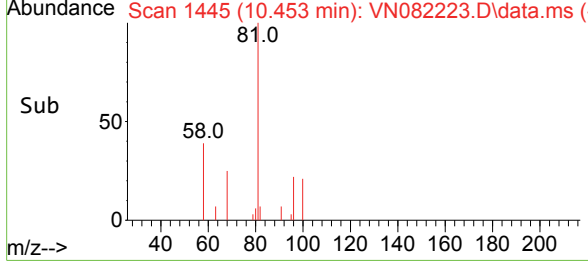
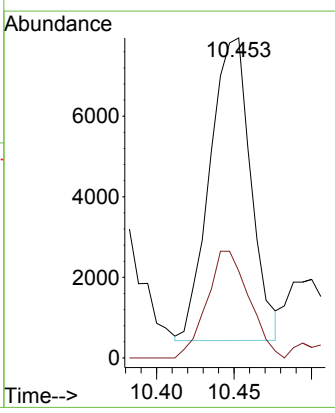
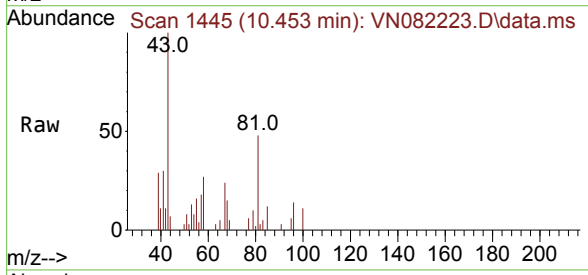
Instrument : MSVOA_N
 ClientSampleId : 50322

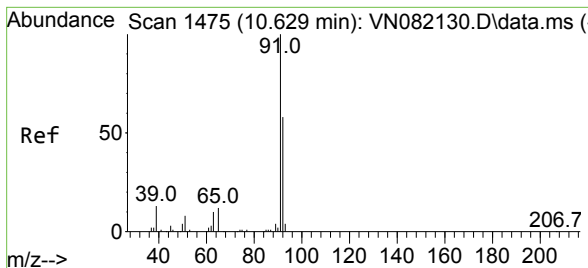
Tgt Ion:	98	Resp:	389065
Ion Ratio	Lower	Upper	
98	100		
100	64.1	51.8	77.6



#51
 4-Methyl-2-Pentanone
 Concen: 3.902 ug/l
 RT: 10.453 min Scan# 1445
 Delta R.T. 0.006 min
 Lab File: VN082223.D
 Acq: 20 May 2024 20:36

Tgt Ion:	43	Resp:	13841
Ion Ratio	Lower	Upper	
43	100		
58	36.2	33.2	49.8





#52

Toluene

Concen: 0.901 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VN082223.D

Acq: 20 May 2024 20:36

Instrument :

MSVOA_N

ClientSampleId :

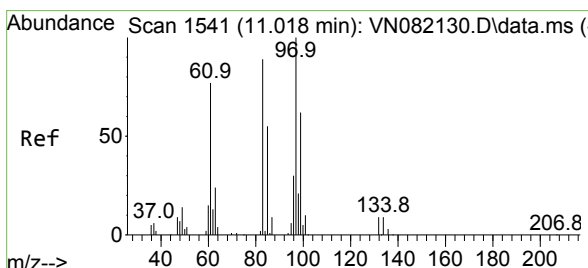
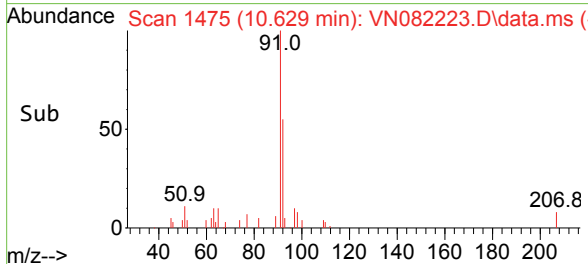
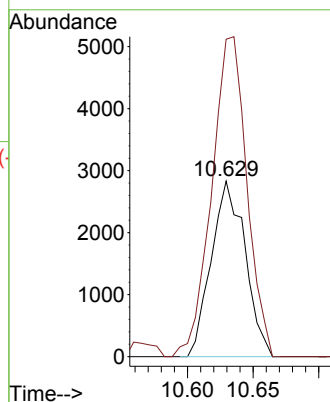
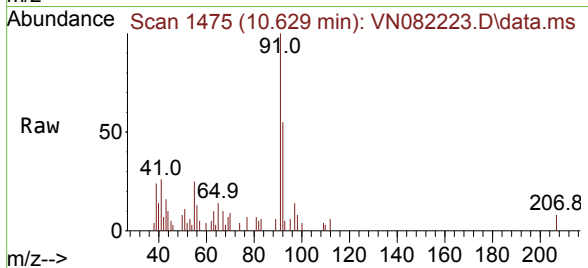
50322

Tgt Ion: 92 Resp: 5075

Ion Ratio Lower Upper

92 100

91 189.4 136.7 205.1



#55

1,1,2-Trichloroethane

Concen: 4.424 ug/l

RT: 11.012 min Scan# 1540

Delta R.T. -0.006 min

Lab File: VN082223.D

Acq: 20 May 2024 20:36

Tgt Ion: 97 Resp: 9058

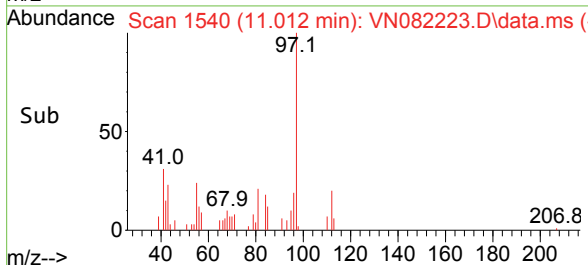
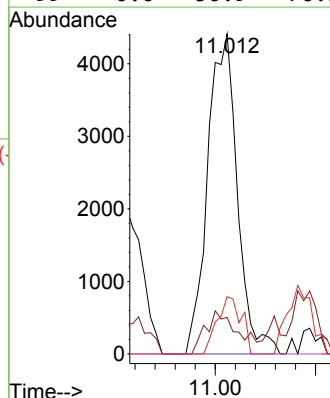
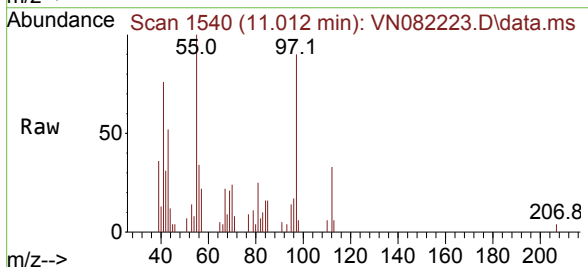
Ion Ratio Lower Upper

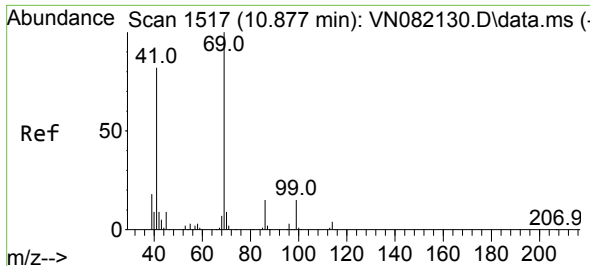
97 100

83 11.4 70.4 105.6#

85 17.9 45.6 68.4#

99 0.0 50.9 76.3#

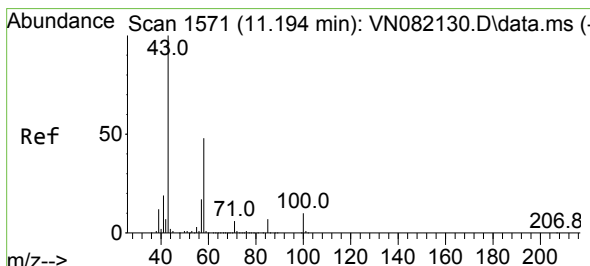
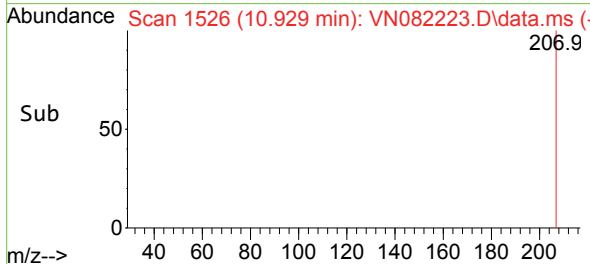
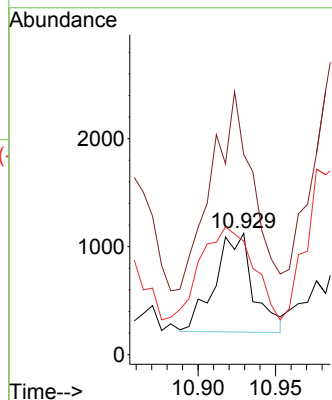
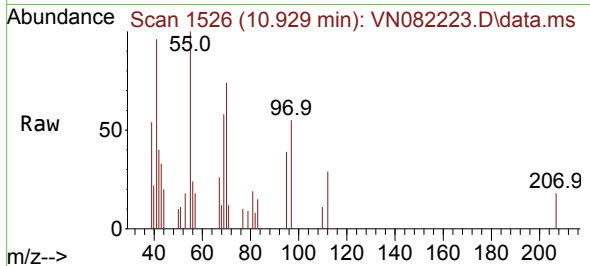




#56
Ethyl methacrylate
Concen: 0.454 ug/l
RT: 10.929 min Scan# 1526
Delta R.T. 0.053 min
Lab File: VN082223.D
Acq: 20 May 2024 20:36

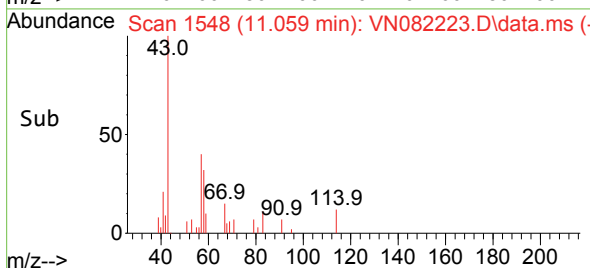
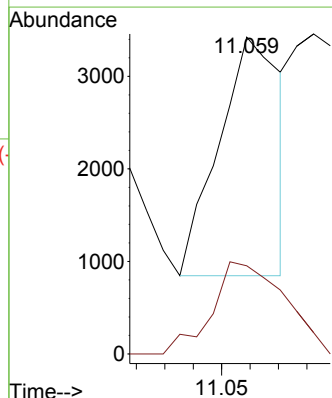
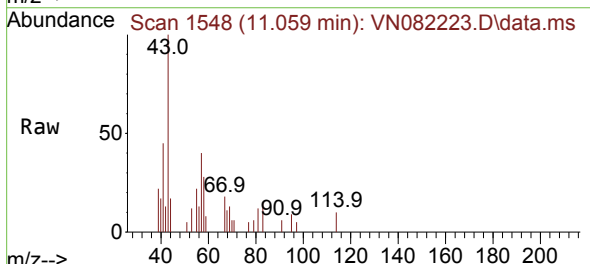
Instrument :
MSVOA_N
ClientSampleId :
50322

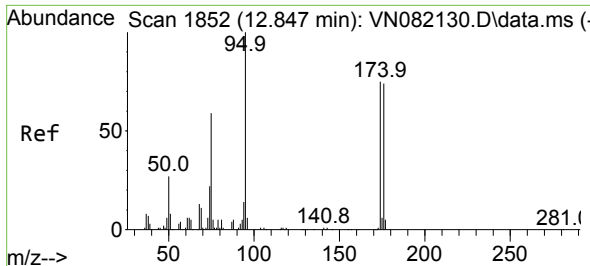
Tgt Ion: 69 Resp: 1579
Ion Ratio Lower Upper
69 100
41 224.7 46.6 70.0#
39 137.2 26.5 39.7#



#59
2-Hexanone
Concen: 1.487 ug/l
RT: 11.059 min Scan# 1548
Delta R.T. -0.135 min
Lab File: VN082223.D
Acq: 20 May 2024 20:36

Tgt Ion: 43 Resp: 3862
Ion Ratio Lower Upper
43 100
58 45.6 28.3 84.9

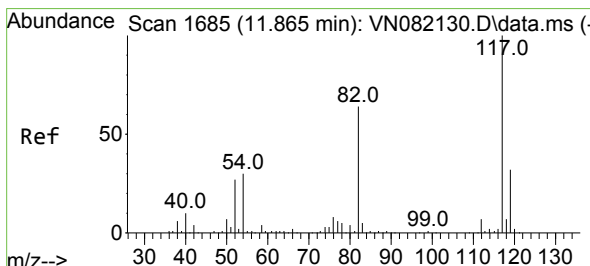
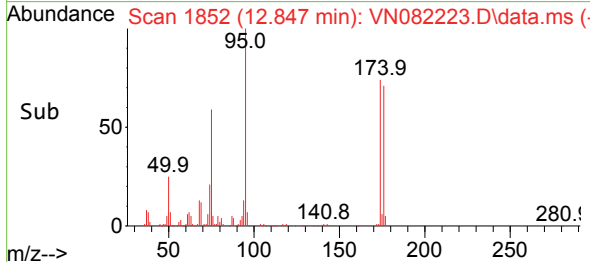
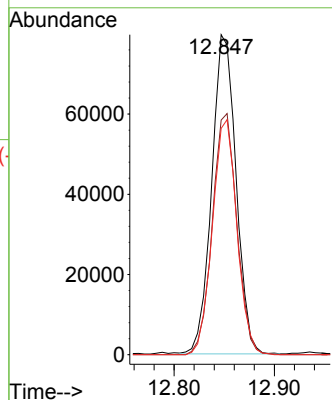
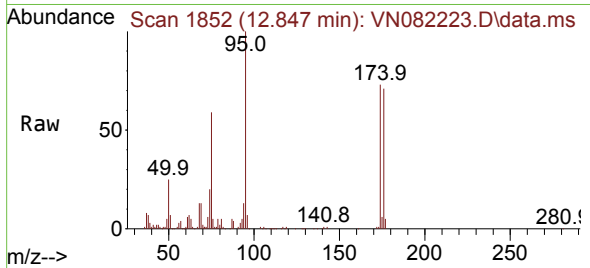




#62
4-Bromofluorobenzene
Concen: 52.256 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN082223.D
Acq: 20 May 2024 20:36

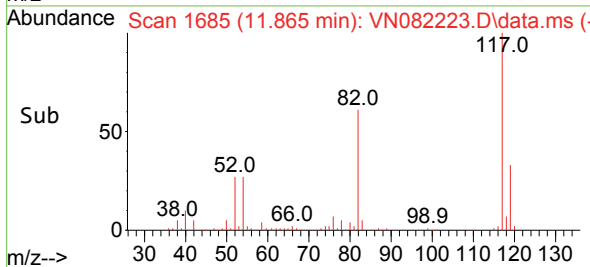
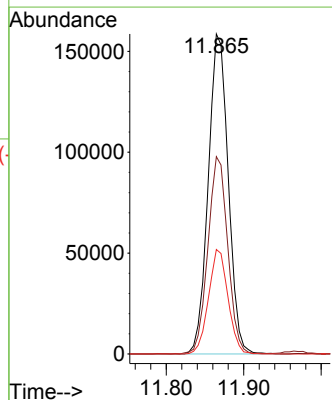
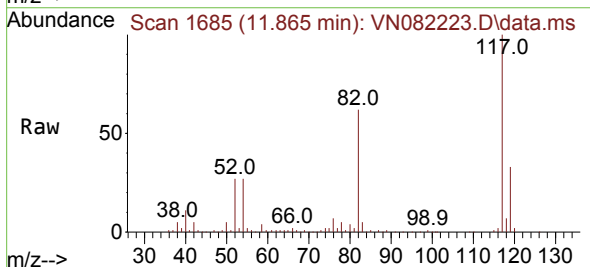
Instrument :
MSVOA_N
ClientSampleId :
50322

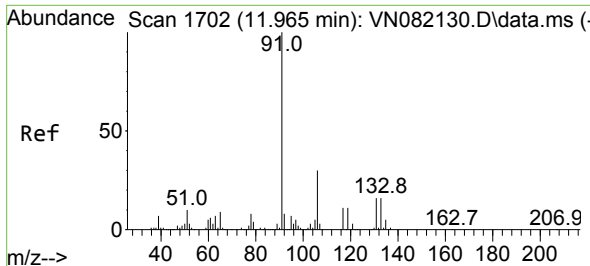
Tgt Ion: 95 Resp: 134229
Ion Ratio Lower Upper
95 100
174 76.2 0.0 160.6
176 74.0 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN082223.D
Acq: 20 May 2024 20:36

Tgt Ion: 117 Resp: 284022
Ion Ratio Lower Upper
117 100
82 61.6 44.6 66.8
119 32.6 25.9 38.9

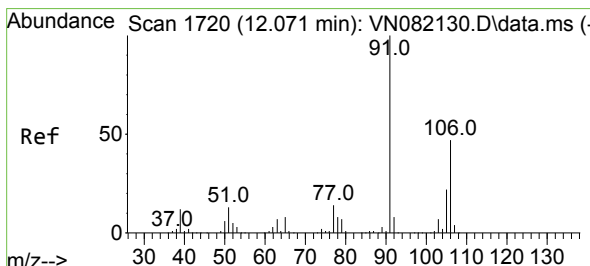
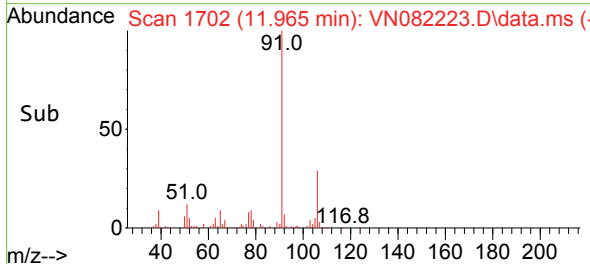
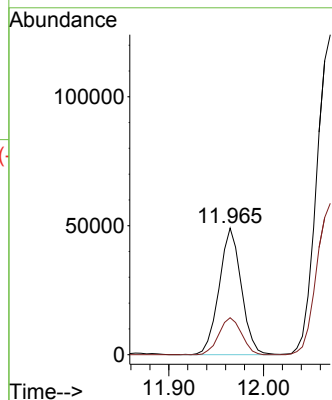
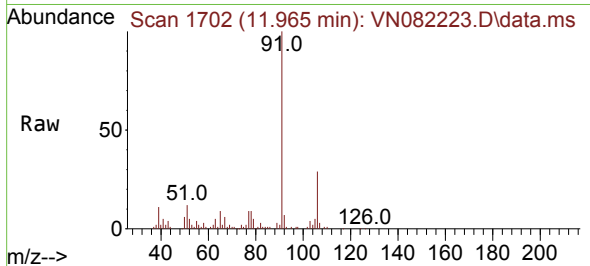




#67
Ethyl Benzene
Concen: 7.122 ug/l
RT: 11.965 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082223.D
Acq: 20 May 2024 20:36

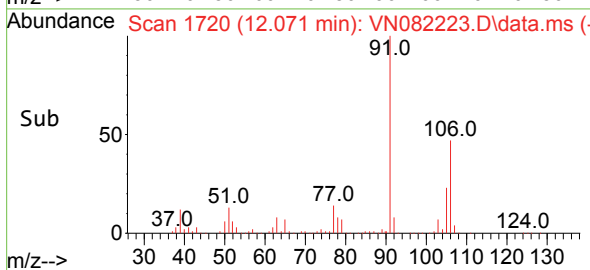
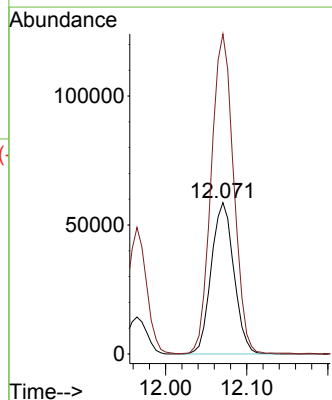
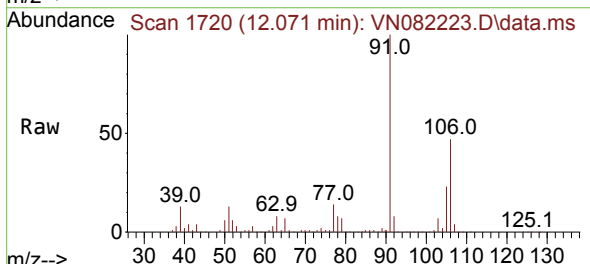
Instrument :
MSVOA_N
ClientSampleId :
50322

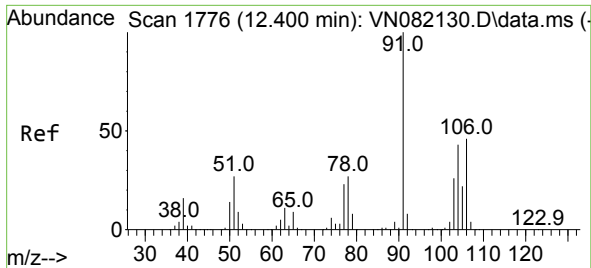
Tgt Ion: 91 Resp: 79939
Ion Ratio Lower Upper
91 100
106 29.3 25.3 37.9



#68
m/p-Xylenes
Concen: 27.606 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN082223.D
Acq: 20 May 2024 20:36

Tgt Ion:106 Resp: 113563
Ion Ratio Lower Upper
106 100
91 210.0 159.4 239.0

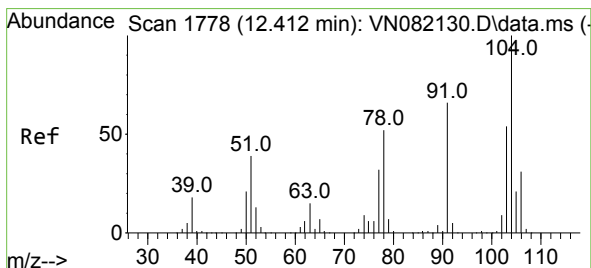
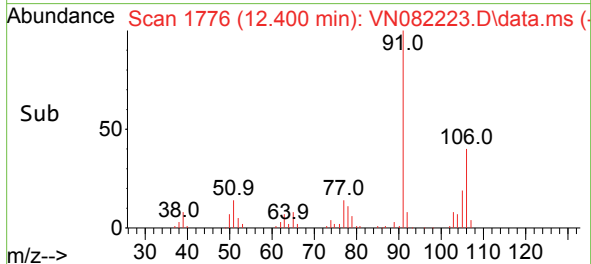
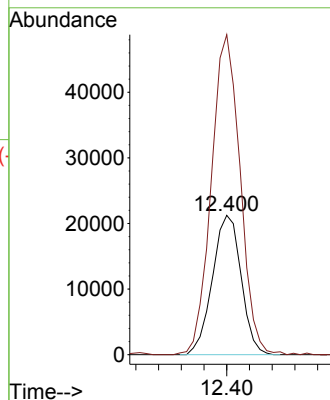
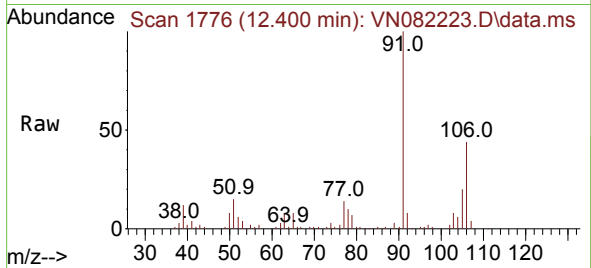




#69
o-Xylene
Concen: 9.347 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN082223.D
Acq: 20 May 2024 20:36

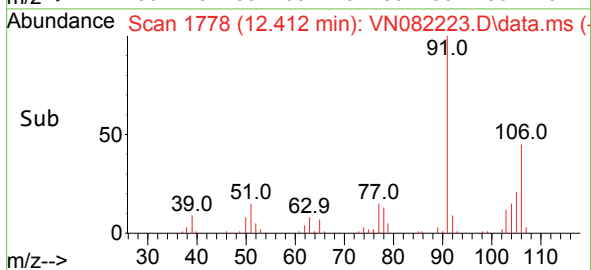
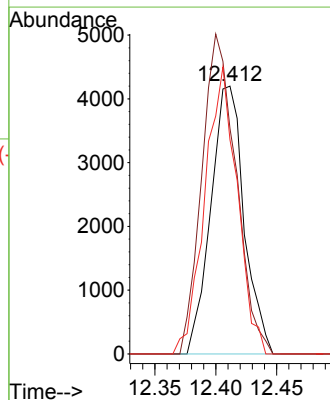
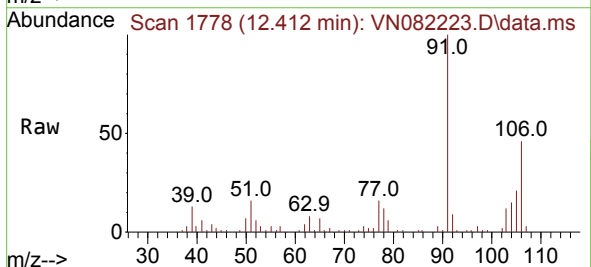
Instrument :
MSVOA_N
ClientSampleId :
50322

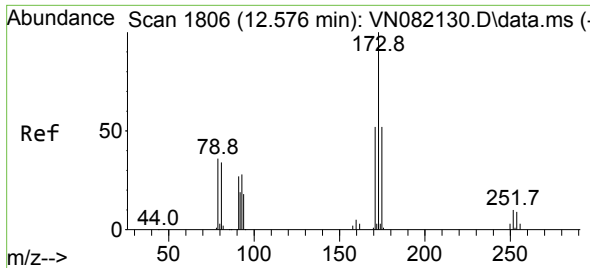
Tgt Ion:106 Resp: 37245
Ion Ratio Lower Upper
106 100
91 231.3 104.7 314.1



#70
Styrene
Concen: 1.208 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN082223.D
Acq: 20 May 2024 20:36

Tgt Ion:104 Resp: 7995
Ion Ratio Lower Upper
104 100
78 122.4 38.6 58.0#
103 104.0 43.8 65.6#

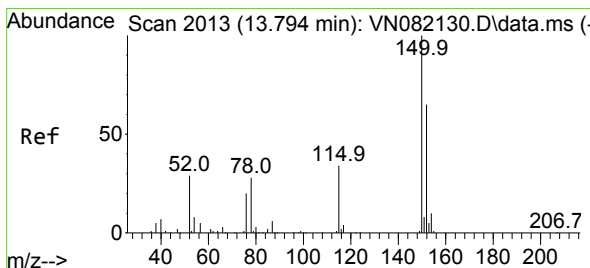
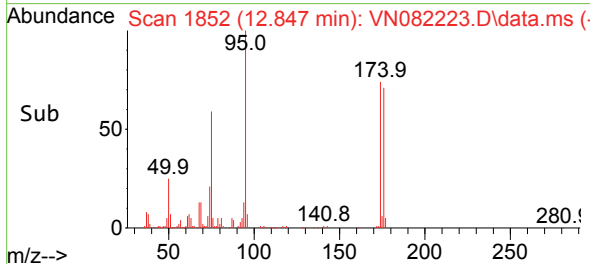
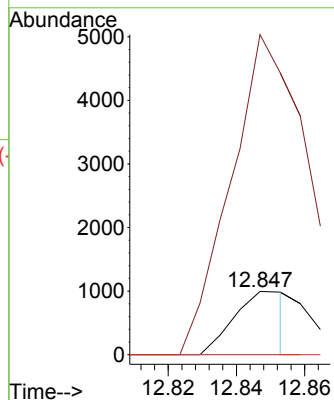
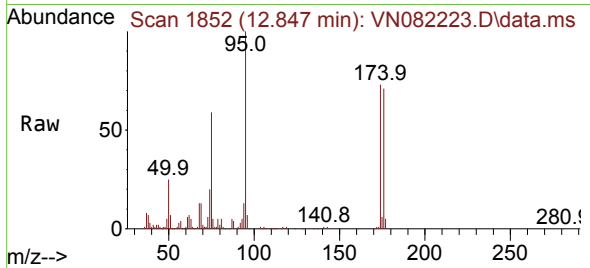




#71
Bromoform
Concen: 1.335 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.271 min
Lab File: VN082223.D
Acq: 20 May 2024 20:36

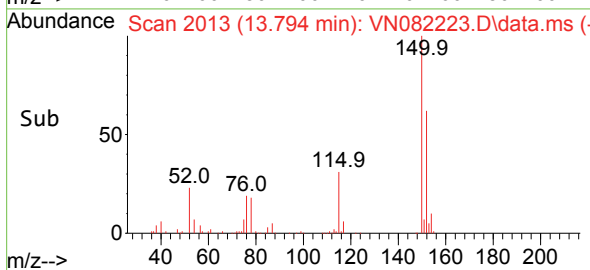
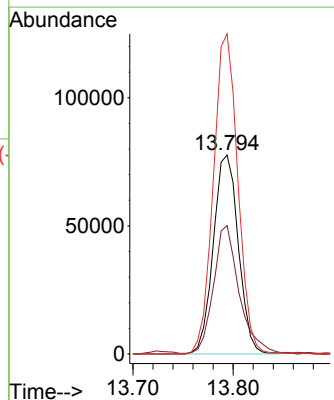
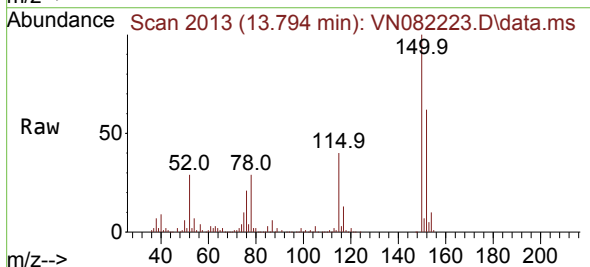
Instrument :
MSVOA_N
ClientSampleId :
50322

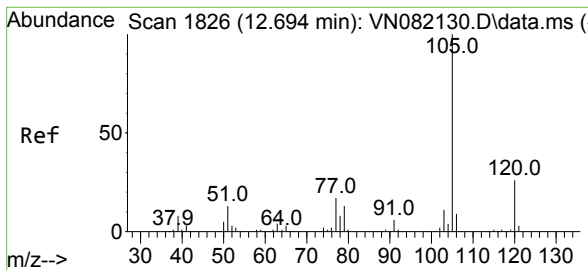
Tgt Ion:173 Resp: 1057
Ion Ratio Lower Upper
173 100
175 522.2 24.6 74.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082223.D
Acq: 20 May 2024 20:36

Tgt Ion:152 Resp: 134634
Ion Ratio Lower Upper
152 100
115 65.8 30.4 91.3
150 157.3 0.0 353.2





#73

Isopropylbenzene

Concen: 5.051 ug/l

RT: 12.700 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN082223.D

Acq: 20 May 2024 20:36

Instrument :

MSVOA_N

ClientSampleId :

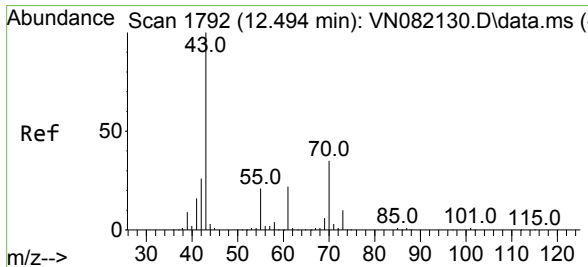
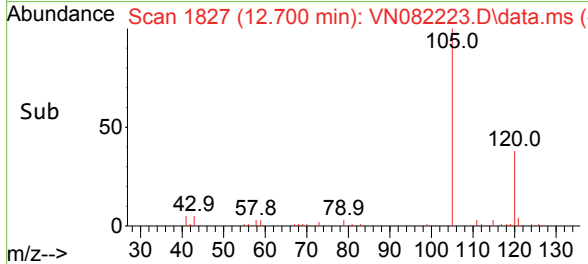
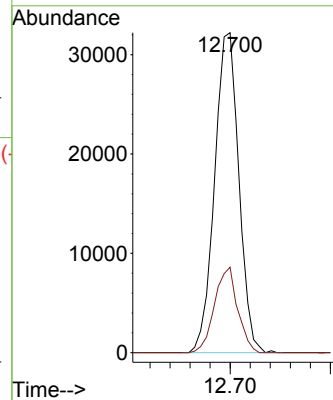
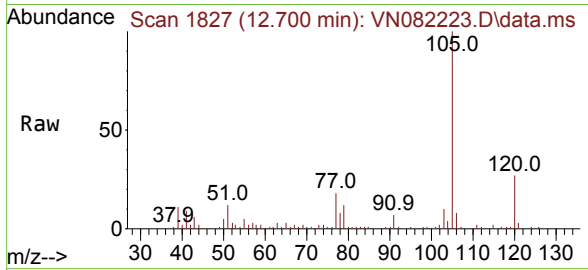
50322

Tgt Ion:105 Resp: 54025

Ion Ratio Lower Upper

105 100

120 25.5 13.4 40.1



#74

N-ethyl acetate

Concen: 2.292 ug/l

RT: 12.459 min Scan# 1786

Delta R.T. -0.035 min

Lab File: VN082223.D

Acq: 20 May 2024 20:36

Tgt Ion: 43 Resp: 13482

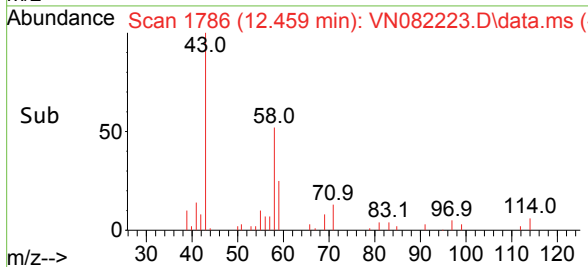
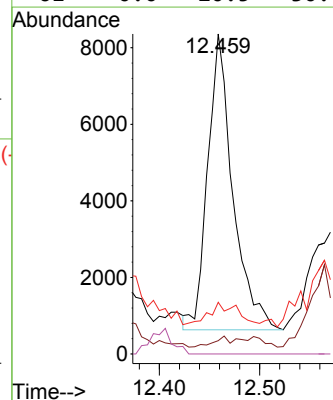
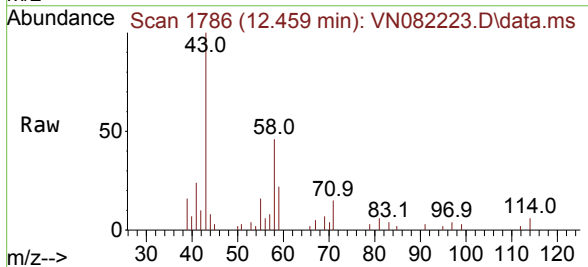
Ion Ratio Lower Upper

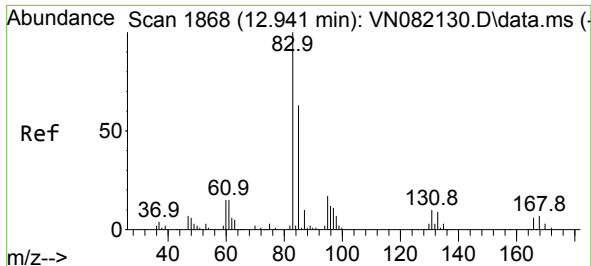
43 100

70 2.0 39.0 58.4#

55 7.0 21.3 31.9#

61 0.0 20.5 30.7#

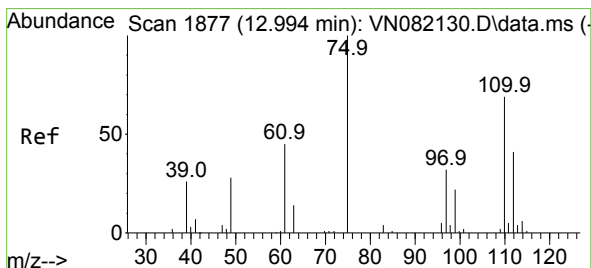
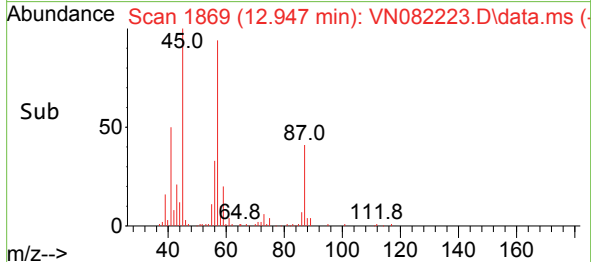
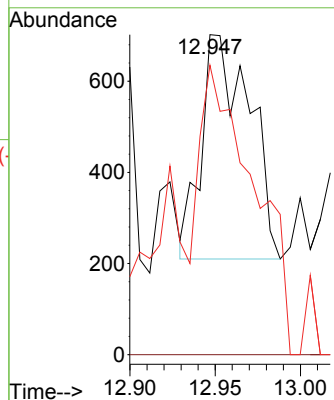
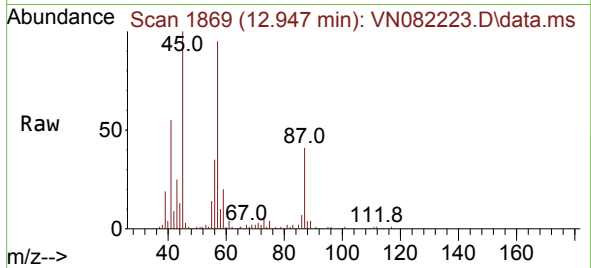




#75
1,1,2,2-Tetrachloroethane
Concen: 0.315 ug/l
RT: 12.947 min Scan# 1869
Delta R.T. 0.006 min
Lab File: VN082223.D
Acq: 20 May 2024 20:36

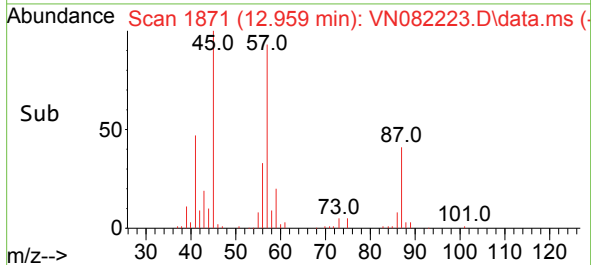
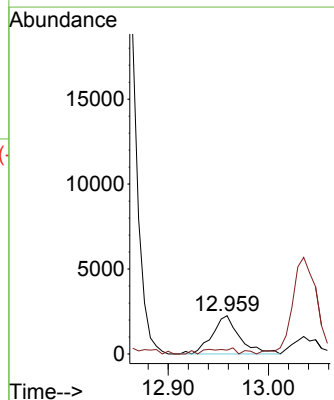
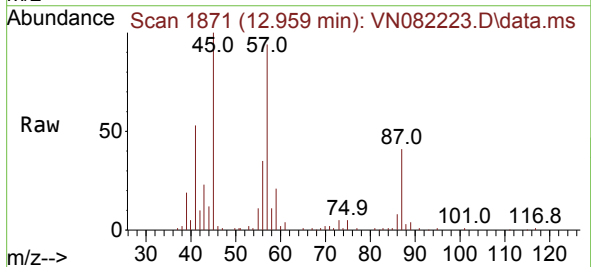
Instrument :
MSVOA_N
ClientSampleId :
50322

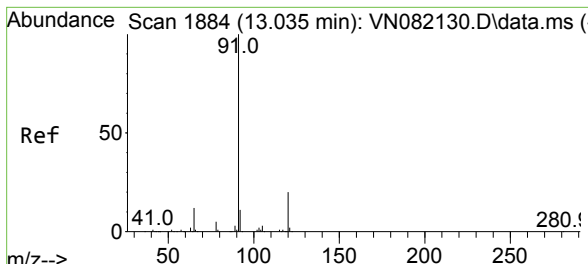
Tgt Ion: 83 Resp: 971
Ion Ratio Lower Upper
83 100
131 0.0 5.5 16.4#
85 144.3 32.9 98.6#



#76
1,2,3-Trichloropropane
Concen: 1.507 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. -0.035 min
Lab File: VN082223.D
Acq: 20 May 2024 20:36

Tgt Ion: 75 Resp: 4271
Ion Ratio Lower Upper
75 100
77 0.0 90.5 271.3#

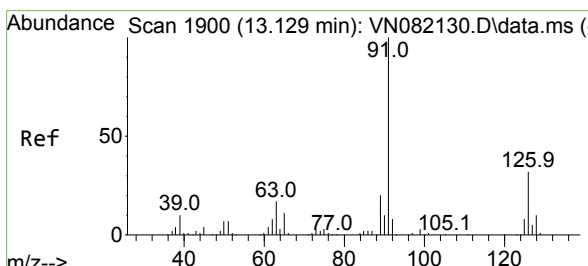
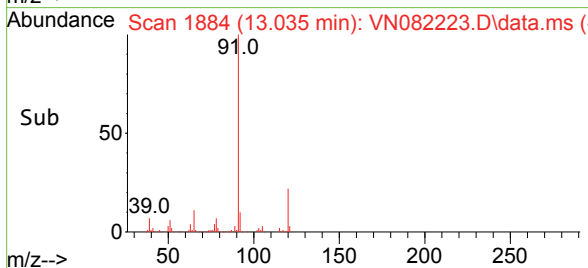
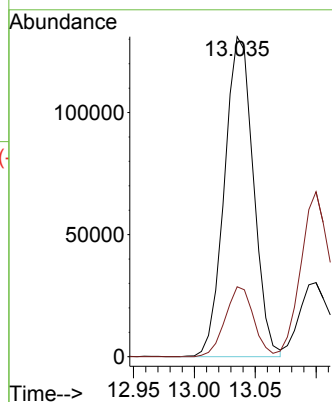
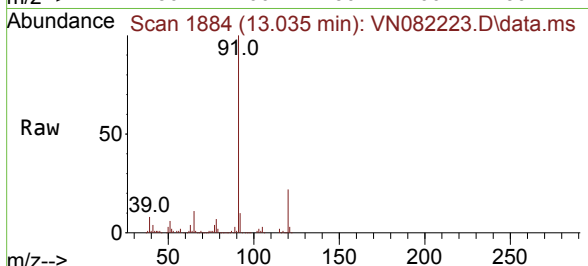




#78
n-propylbenzene
Concen: 17.135 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN082223.D
Acq: 20 May 2024 20:36

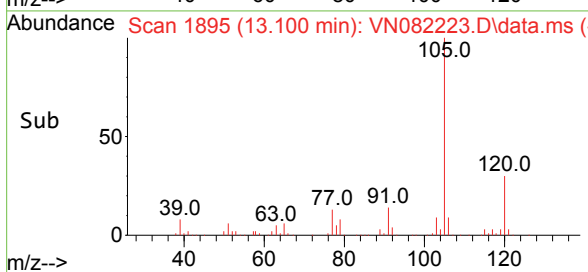
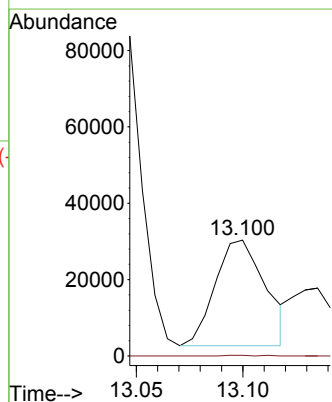
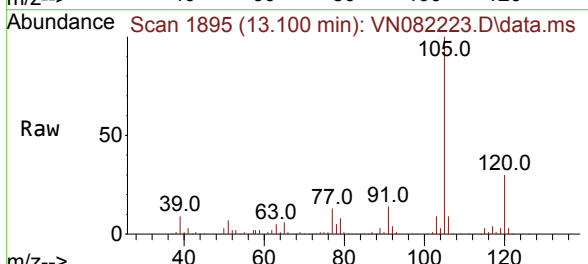
Instrument :
MSVOA_N
ClientSampleId :
50322

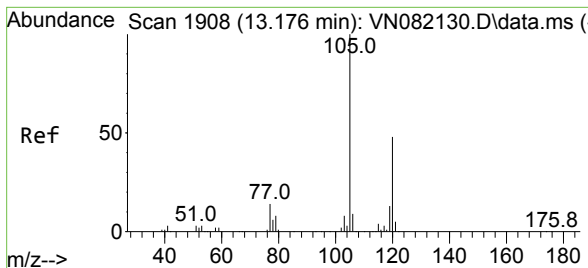
Tgt Ion: 91 Resp: 217022
Ion Ratio Lower Upper
91 100
120 21.4 11.7 35.0



#79
2-Chlorotoluene
Concen: 5.707 ug/l
RT: 13.100 min Scan# 1895
Delta R.T. -0.029 min
Lab File: VN082223.D
Acq: 20 May 2024 20:36

Tgt Ion: 91 Resp: 45389
Ion Ratio Lower Upper
91 100
126 0.4 17.5 52.5#

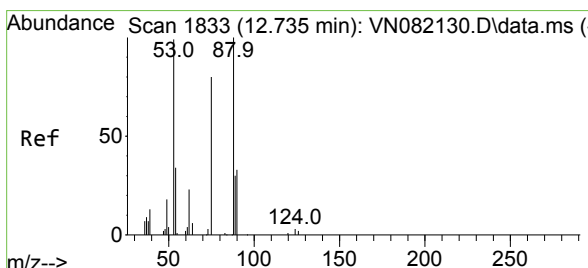
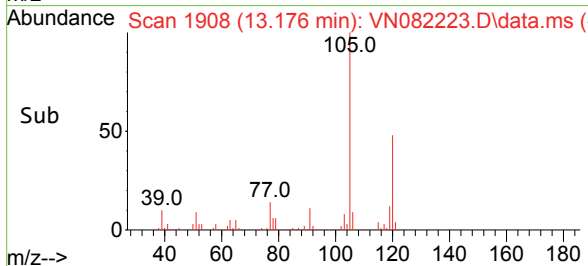
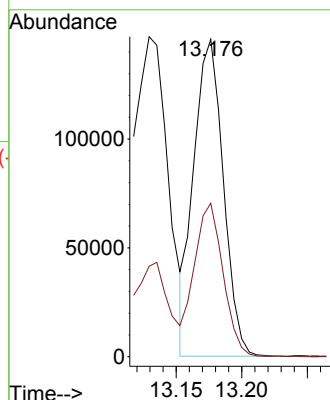
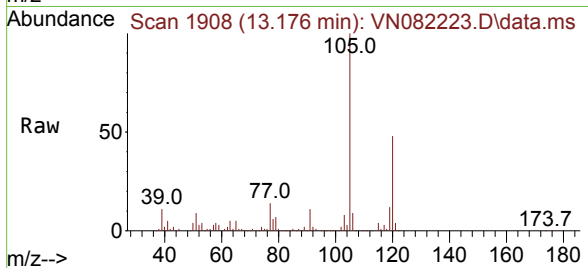




#80
1,3,5-Trimethylbenzene
Concen: 26.378 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN082223.D
Acq: 20 May 2024 20:36

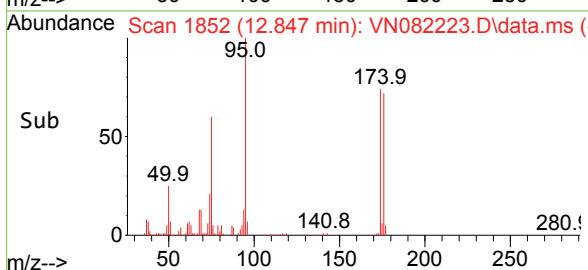
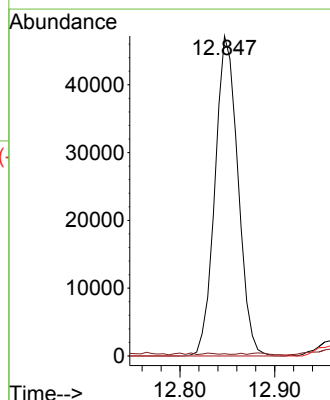
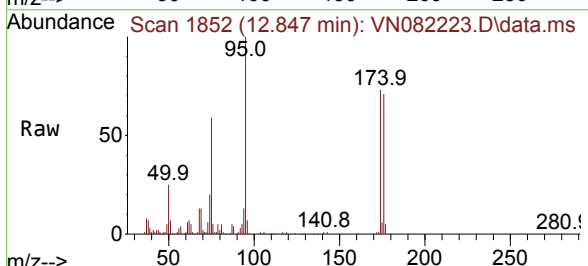
Instrument :
MSVOA_N
ClientSampleId :
50322

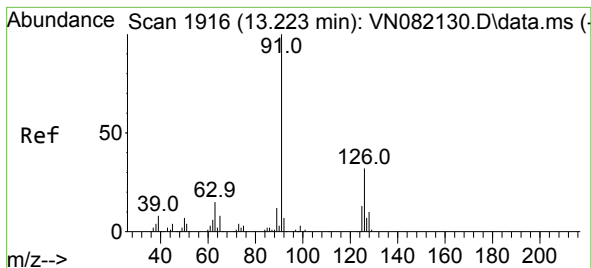
Tgt Ion:105 Resp: 228133
Ion Ratio Lower Upper
105 100
120 47.5 24.8 74.3



#81
trans-1,4-Dichloro-2-butene
Concen: 65.689 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN082223.D
Acq: 20 May 2024 20:36

Tgt Ion: 75 Resp: 79584
Ion Ratio Lower Upper
75 100
53 0.2 72.9 109.3#
89 0.0 39.1 58.7#





#82

4-Chlorotoluene

Concen: 3.412 ug/l

RT: 13.170 min Scan# 1916

Delta R.T. -0.053 min

Lab File: VN082223.D

Acq: 20 May 2024 20:36

Instrument :

MSVOA_N

ClientSampleId :

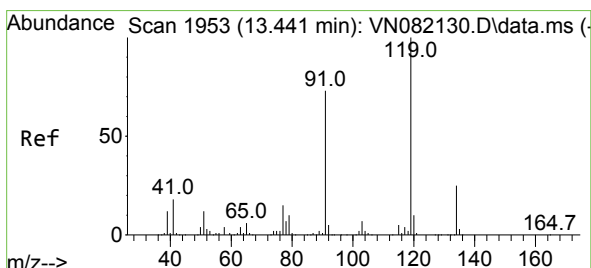
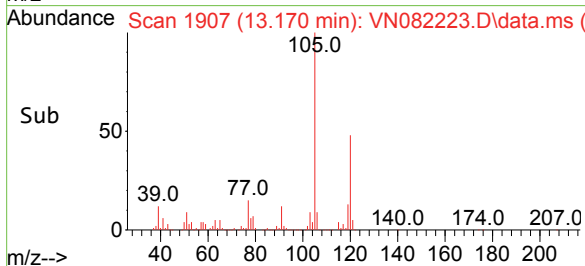
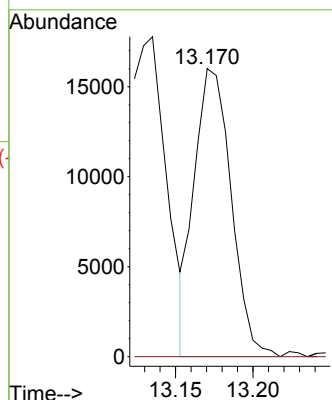
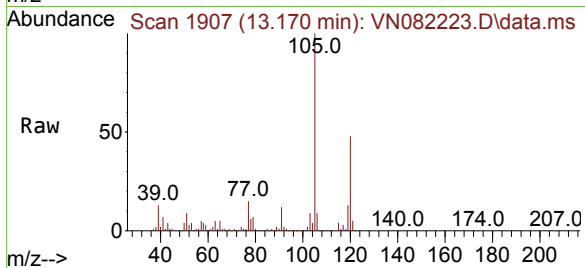
50322

Tgt Ion: 91 Resp: 26529

Ion Ratio Lower Upper

91 100

126 0.0 17.4 52.3#



#83

tert-Butylbenzene

Concen: 10.973 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.041 min

Lab File: VN082223.D

Acq: 20 May 2024 20:36

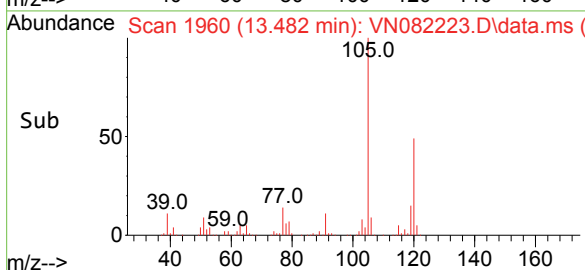
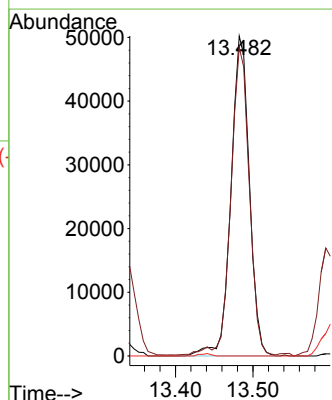
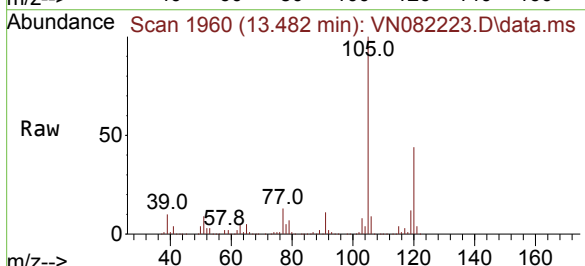
Tgt Ion: 119 Resp: 83022

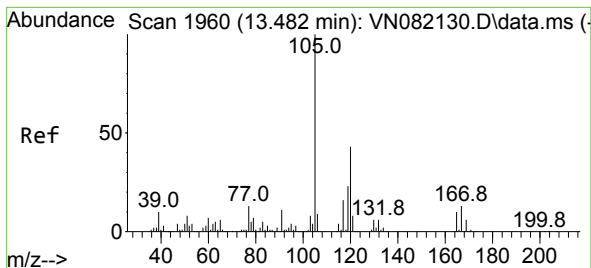
Ion Ratio Lower Upper

119 100

91 96.1 32.6 97.8

134 0.0 12.4 37.0#





#84

1,2,4-Trimethylbenzene

Concen: 77.662 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN082223.D

Acq: 20 May 2024 20:36

Instrument :

MSVOA_N

ClientSampleId :

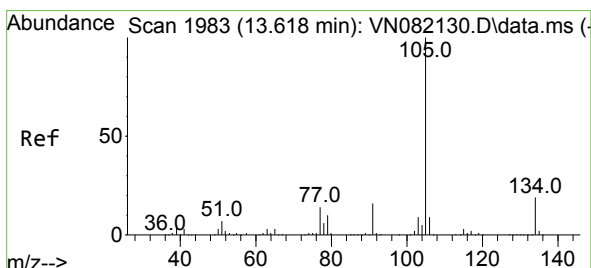
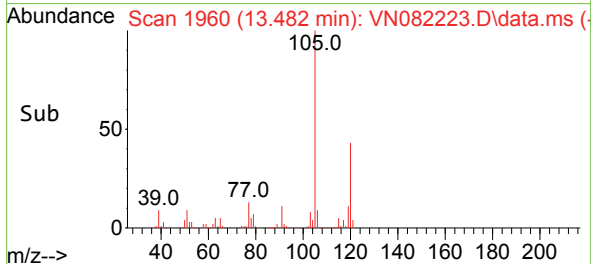
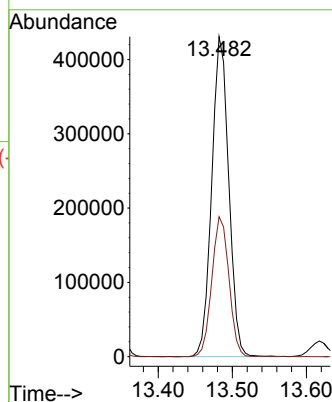
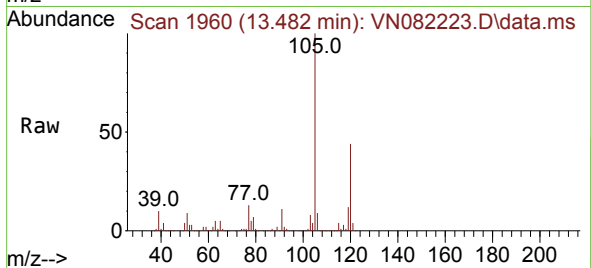
50322

Tgt Ion:105 Resp: 687175

Ion Ratio Lower Upper

105 100

120 44.0 22.9 68.7



#85

sec-Butylbenzene

Concen: 3.162 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VN082223.D

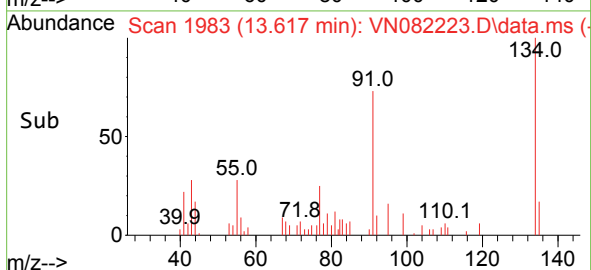
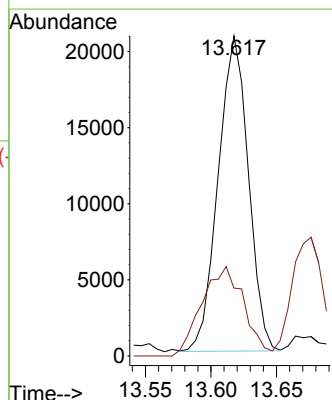
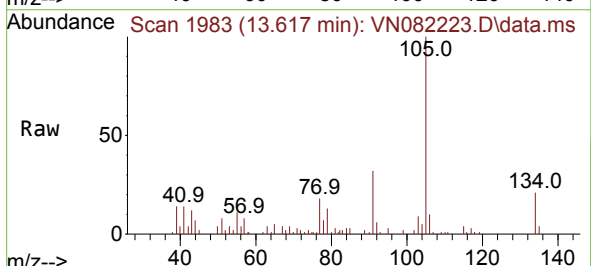
Acq: 20 May 2024 20:36

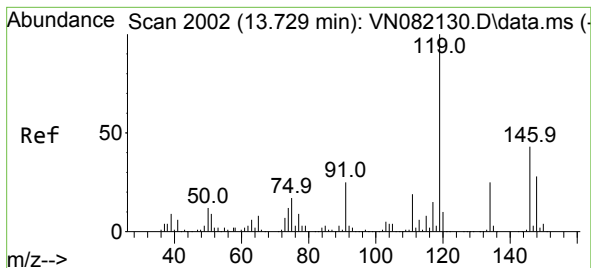
Tgt Ion:105 Resp: 33166

Ion Ratio Lower Upper

105 100

134 39.3 10.2 30.4#





#86

p-Isopropyltoluene

Concen: 2.130 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN082223.D

Acq: 20 May 2024 20:36

Instrument :

MSVOA_N

ClientSampleId :

50322

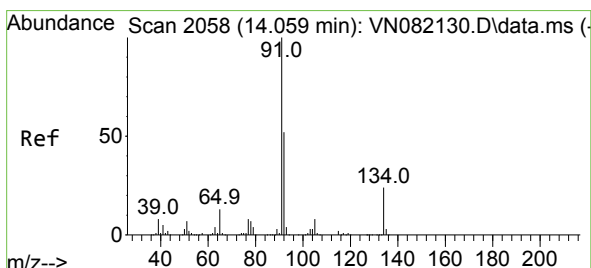
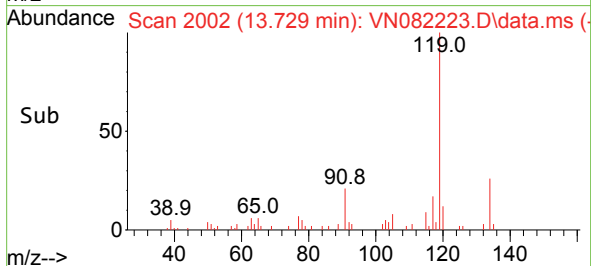
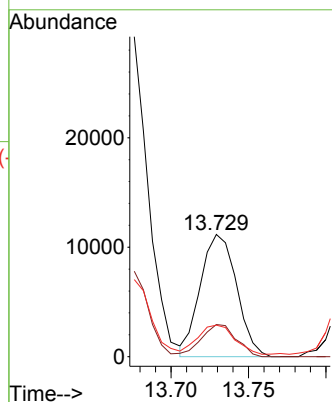
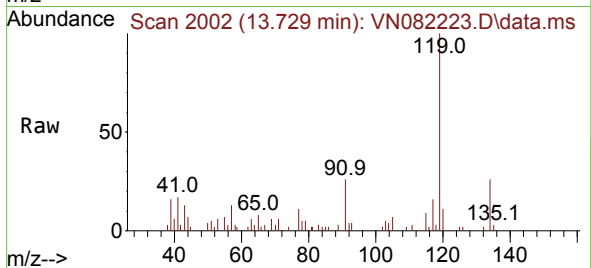
Tgt Ion:119 Resp: 18152

Ion Ratio Lower Upper

119 100

134 25.0 13.2 39.5

91 23.6 11.8 35.3



#89

n-Butylbenzene

Concen: 9.037 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN082223.D

Acq: 20 May 2024 20:36

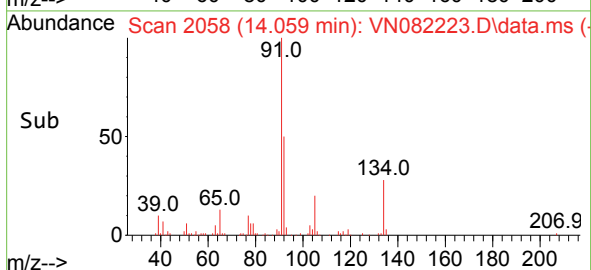
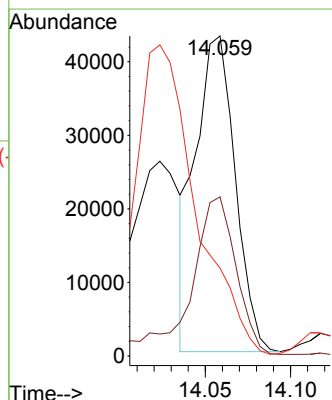
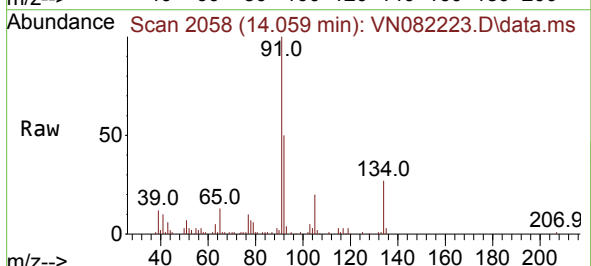
Tgt Ion: 91 Resp: 69234

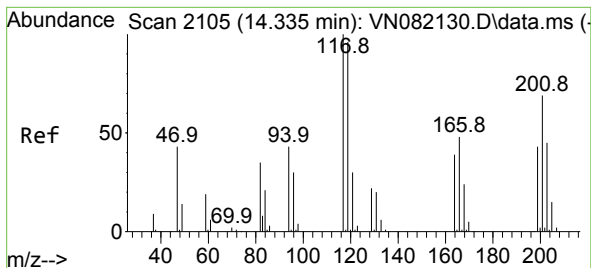
Ion Ratio Lower Upper

91 100

92 54.9 26.2 78.5

134 0.0 13.2 39.5#





#90

Hexachloroethane

Concen: 14.353 ug/l

RT: 14.329 min Scan# 2104

Delta R.T. -0.006 min

Lab File: VN082223.D

Acq: 20 May 2024 20:36

Instrument :

MSVOA_N

ClientSampleId :

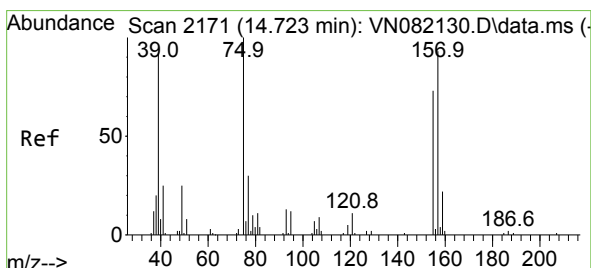
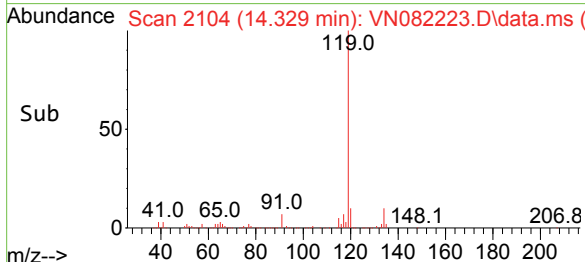
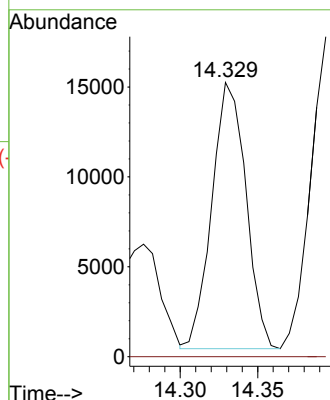
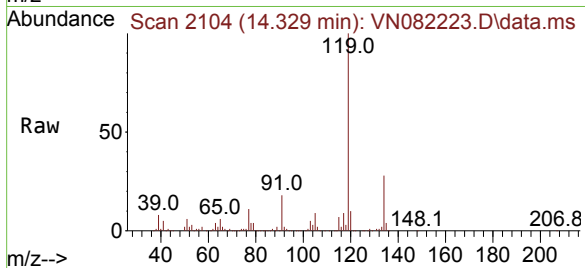
50322

Tgt Ion:117 Resp: 22665

Ion Ratio Lower Upper

117 100

201 0.0 33.3 99.8#



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.803 ug/l

RT: 14.735 min Scan# 2173

Delta R.T. 0.012 min

Lab File: VN082223.D

Acq: 20 May 2024 20:36

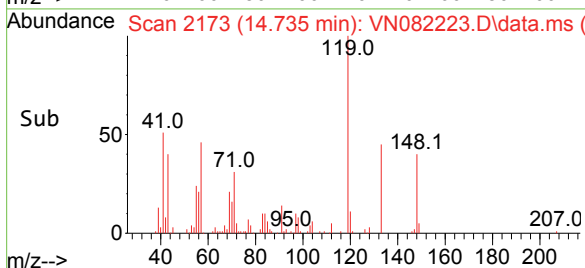
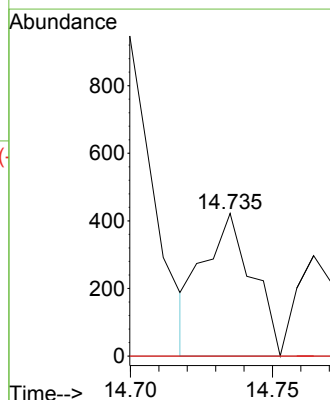
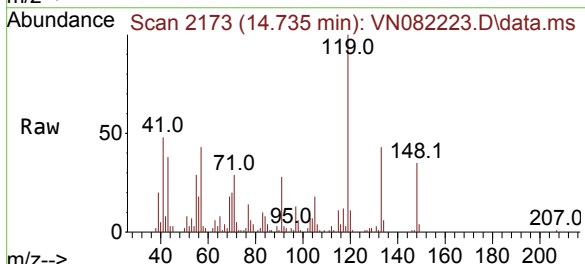
Tgt Ion: 75 Resp: 509

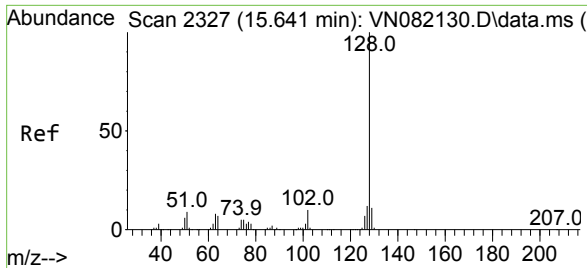
Ion Ratio Lower Upper

75 100

155 0.0 42.6 128.0#

157 0.0 53.0 159.0#





#95

Naphthalene

Concen: 10.042 ug/l

RT: 15.641 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN082223.D

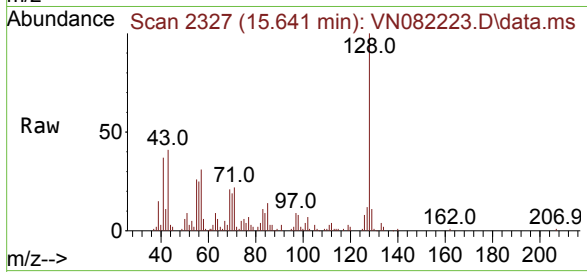
Acq: 20 May 2024 20:36

Instrument :

MSVOA_N

ClientSampleId :

50322



Tgt Ion:128 Resp: 77111

Ion Ratio Lower Upper

128 100

127 13.1 10.1 15.1

129 13.5 8.9 13.3#

