

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051222\
 Data File : VN072451.D
 Acq On : 12 May 2022 14:31
 Operator : JC\MD
 Sample : N2791-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EB-2022-05-11RE

Quant Time: May 13 02:44:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051022W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 10 15:43:28 2022
 Response via : Initial Calibration

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

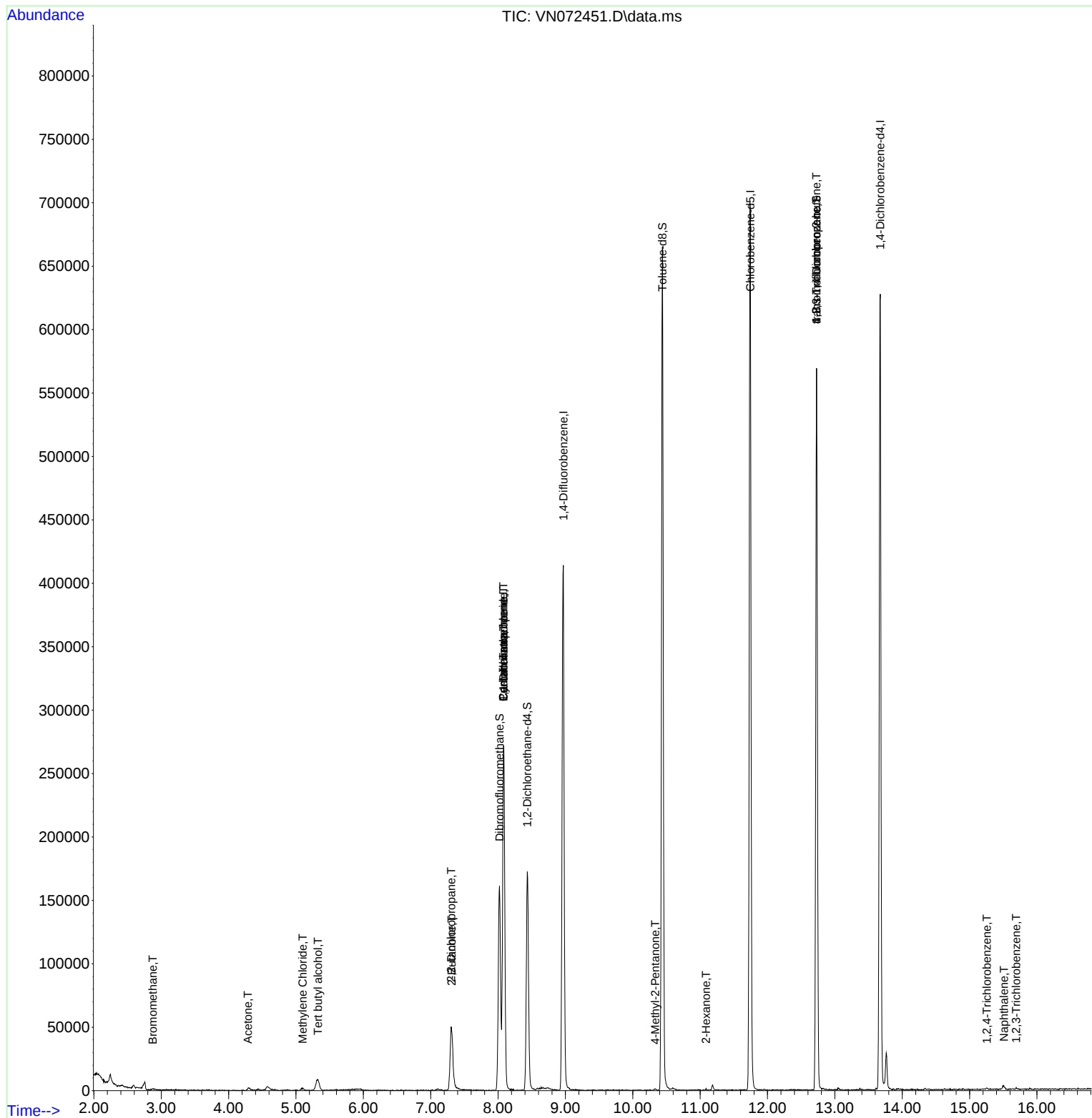
Internal Standards						
1) Pentafluorobenzene	8.080	168	197278	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.969	114	358874	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.745	117	398738	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	172575	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	157618	52.163	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 104.320%		
35) Dibromofluoromethane	8.022	113	115424	48.344	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 96.680%		
50) Toluene-d8	10.439	98	452915	49.809	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 99.620%		
62) 4-Bromofluorobenzene	12.727	95	191048	63.264	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 126.520%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.310	50	524	Below Cal	#	43
5) Bromomethane	2.875	94	602	0.483	ug/l #	44
6) Chloroethane	2.934	64	152	Below Cal	#	42
11) Tert butyl alcohol	5.328	59	9252	18.726	ug/l #	72
16) Acetone	4.287	43	3125	2.611	ug/l #	86
20) Methylene Chloride	5.098	84	1562	0.637	ug/l #	83
25) 2-Butanone	7.310	43	2672	1.415	ug/l #	45
26) 2,2-Dichloropropane	7.304	77	3494	0.981	ug/l #	53
31) Cyclohexane	8.080	56	4547	1.136	ug/l #	35
36) 1,1-Dichloropropene	8.080	75	16645	4.854	ug/l #	48
38) Carbon Tetrachloride	8.080	117	22709	5.917	ug/l #	17
51) 4-Methyl-2-Pentanone	10.333	43	1140	0.291	ug/l #	33
59) 2-Hexanone	11.086	43	923	0.335	ug/l #	40
76) 1,2,3-Trichloropropane	12.727	75	108679	24.145	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	108679	80.548	ug/l #	10
93) 1,2,4-Trichlorobenzene	15.256	180	509	0.228	ug/l #	77
95) Naphthalene	15.509	128	4392	3.675	ug/l #	90
96) 1,2,3-Trichlorobenzene	15.692	180	551	0.246	ug/l #	33

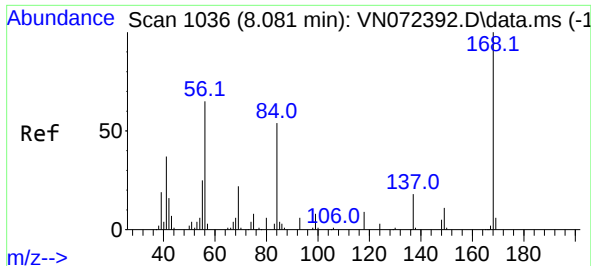
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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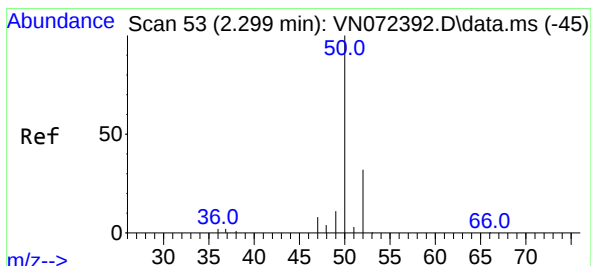
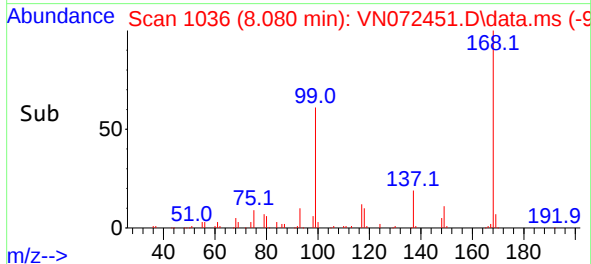
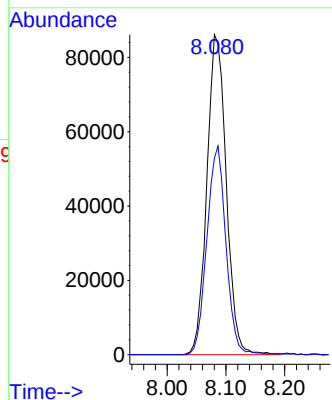
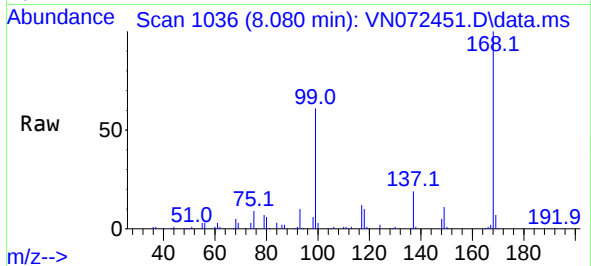




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN072451.D
Acq: 12 May 2022 14:31

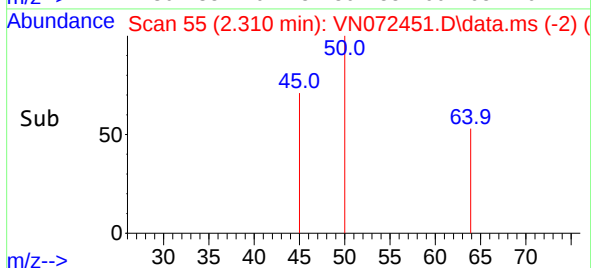
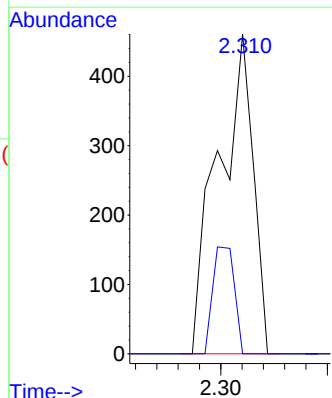
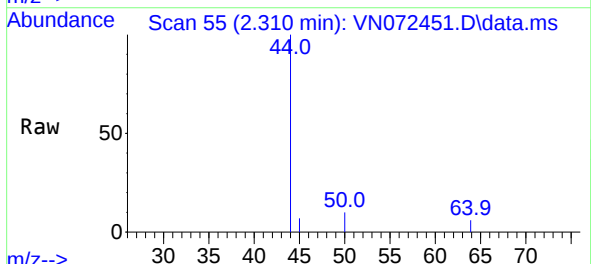
Instrument :
MSVOA_N
ClientSampleId :
EB-2022-05-11RE

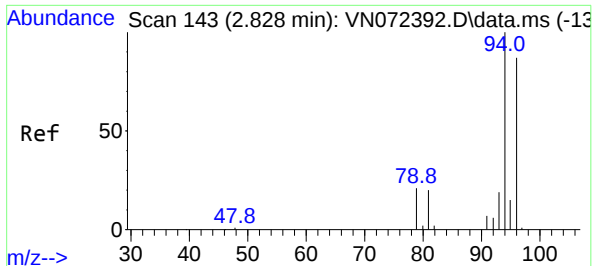
Tgt Ion:168 Resp: 197278
Ion Ratio Lower Upper
168 100
99 61.5 42.3 63.5



#3
Chloromethane
Concen: Below Cal
RT: 2.310 min Scan# 55
Delta R.T. 0.011 min
Lab File: VN072451.D
Acq: 12 May 2022 14:31

Tgt Ion: 50 Resp: 524
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

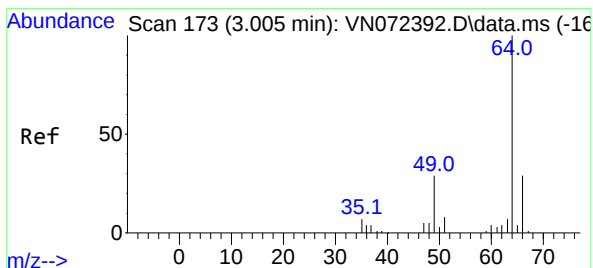
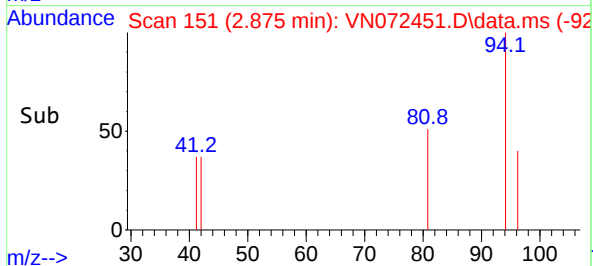
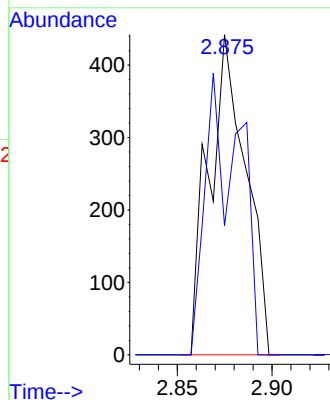
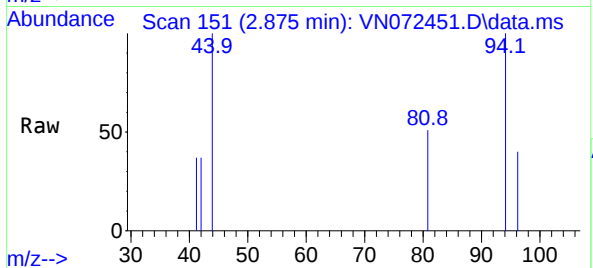




#5
Bromomethane
Concen: 0.483 ug/l
RT: 2.875 min Scan# 11
Delta R.T. 0.047 min
Lab File: VN072451.D
Acq: 12 May 2022 14:31

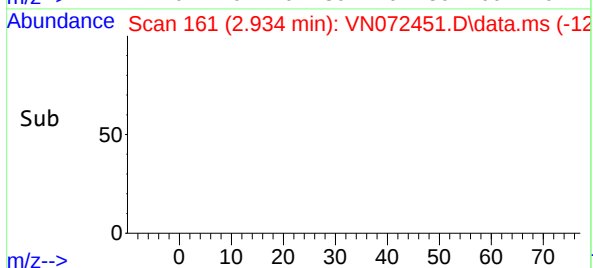
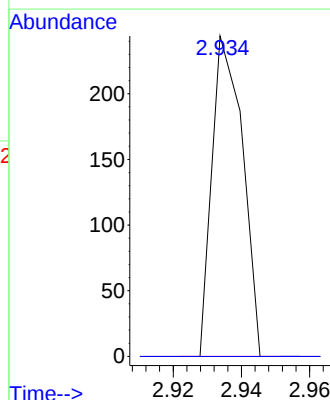
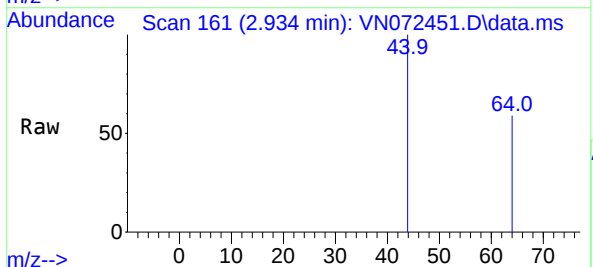
Instrument :
MSVOA_N
ClientSampleId :
EB-2022-05-11RE

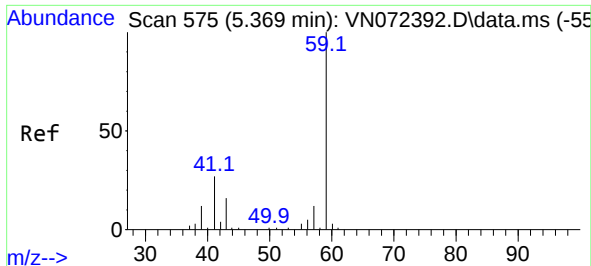
Tgt Ion: 94 Resp: 602
Ion Ratio Lower Upper
94 100
96 40.3 76.0 114.0#



#6
Chloroethane
Concen: Below Cal
RT: 2.934 min Scan# 161
Delta R.T. -0.071 min
Lab File: VN072451.D
Acq: 12 May 2022 14:31

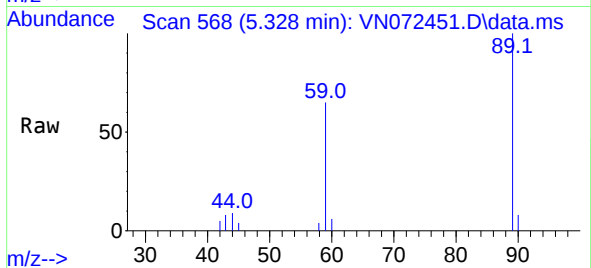
Tgt Ion: 64 Resp: 152
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



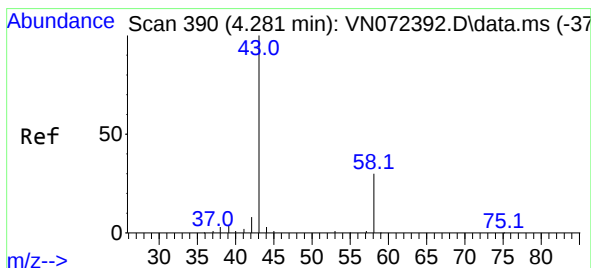
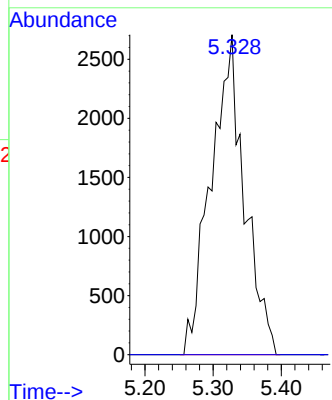
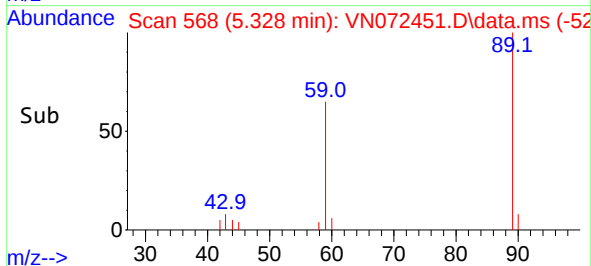


#11
Tert butyl alcohol
Concen: 18.726 ug/l
RT: 5.328 min Scan# 50
Delta R.T. -0.041 min
Lab File: VN072451.D
Acq: 12 May 2022 14:31

Instrument :
MSVOA_N
ClientSampleId :
EB-2022-05-11RE

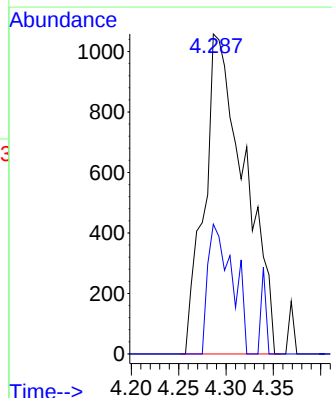
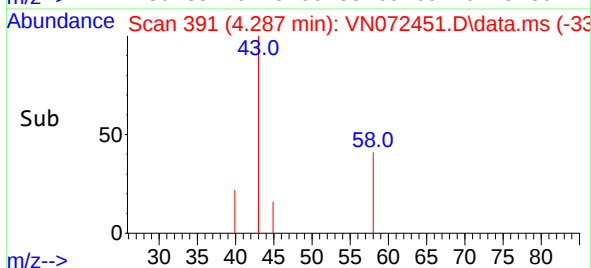
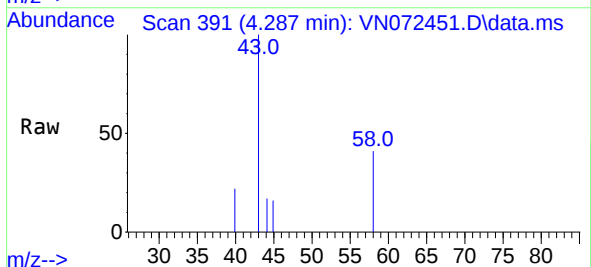


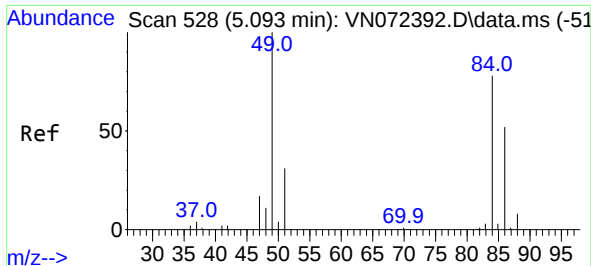
Tgt Ion: 59 Resp: 9252
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#16
Acetone
Concen: 2.611 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN072451.D
Acq: 12 May 2022 14:31

Tgt Ion: 43 Resp: 3125
Ion Ratio Lower Upper
43 100
58 40.5 26.0 39.0#

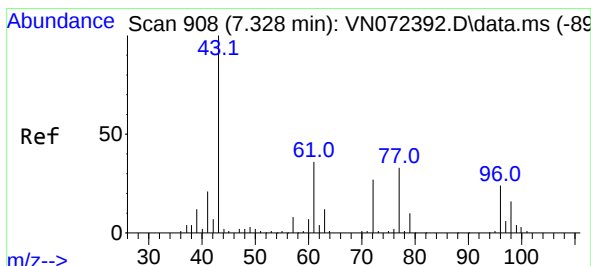
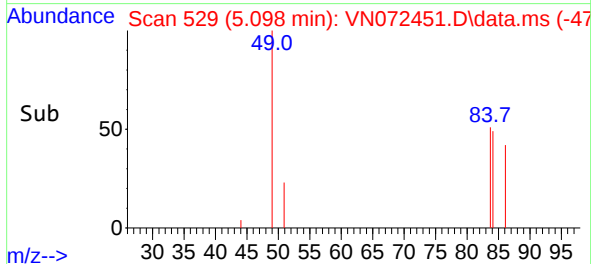
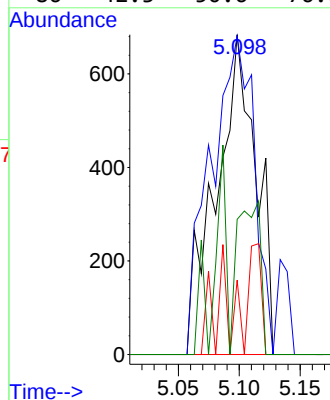
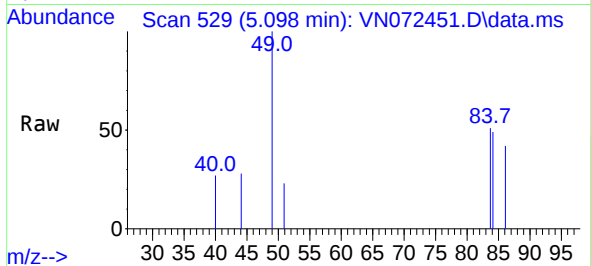




#20
Methylene Chloride
Concen: 0.637 ug/l
RT: 5.098 min Scan# 51
Delta R.T. 0.005 min
Lab File: VN072451.D
Acq: 12 May 2022 14:31

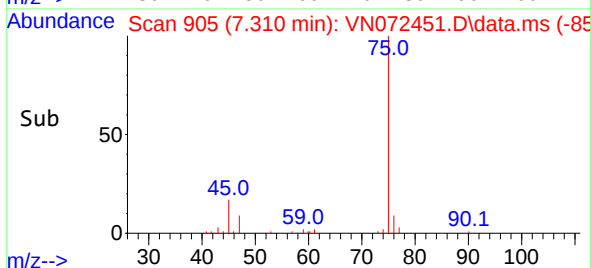
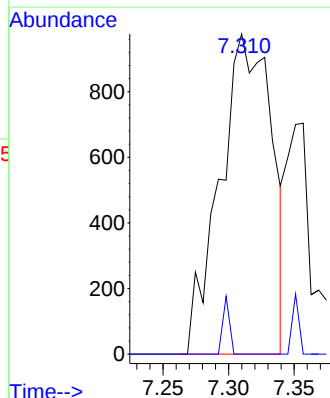
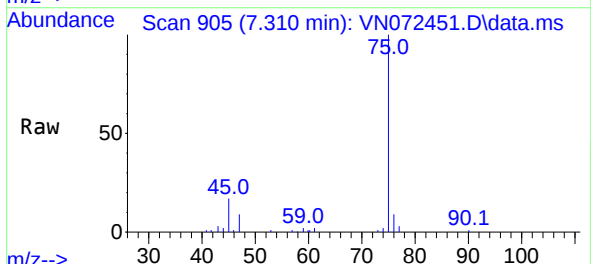
Instrument :
MSVOA_N
ClientSampleId :
EB-2022-05-11RE

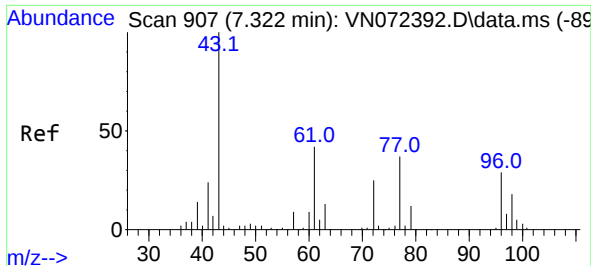
Tgt Ion:	84	Resp:	1562
Ion	Ratio	Lower	Upper
84	100		
49	99.6	88.3	132.5
51	23.2	28.2	42.2#
86	42.3	50.6	76.0#



#25
2-Butanone
Concen: 1.415 ug/l
RT: 7.310 min Scan# 905
Delta R.T. -0.018 min
Lab File: VN072451.D
Acq: 12 May 2022 14:31

Tgt Ion:	43	Resp:	2672
Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.7	35.5#





#26

2,2-Dichloropropane

Concen: 0.981 ug/l

RT: 7.304 min Scan# 907

Delta R.T. -0.018 min

Lab File: VN072451.D

Acq: 12 May 2022 14:31

Instrument :

MSVOA_N

ClientSampleId :

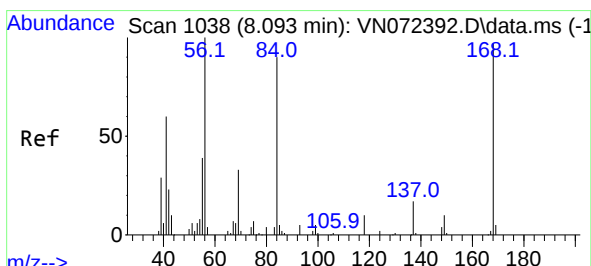
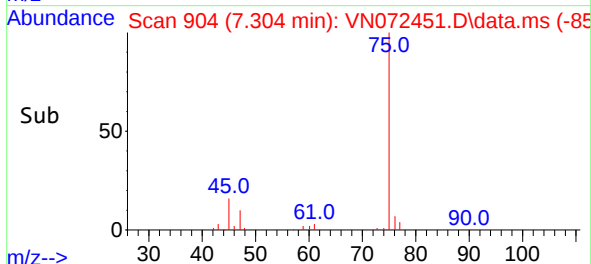
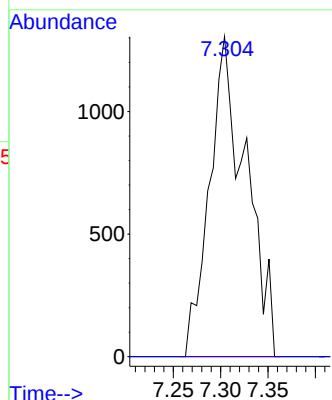
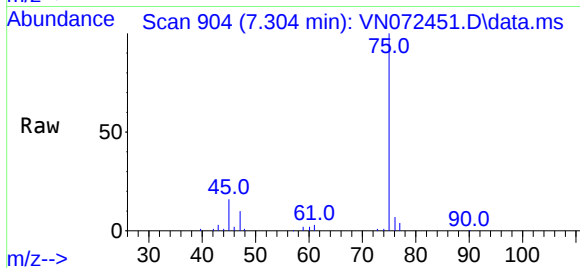
EB-2022-05-11RE

Tgt Ion: 77 Resp: 3494

Ion Ratio Lower Upper

77 100

97 0.0 11.4 34.2#



#31

Cyclohexane

Concen: 1.136 ug/l

RT: 8.080 min Scan# 1036

Delta R.T. -0.013 min

Lab File: VN072451.D

Acq: 12 May 2022 14:31

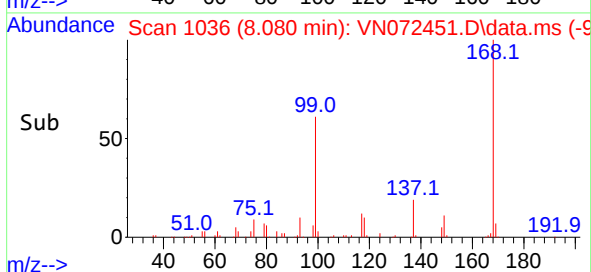
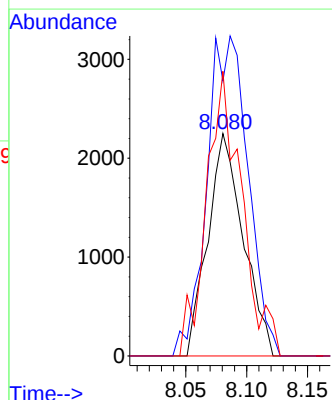
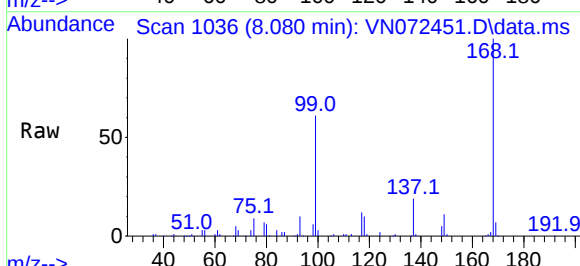
Tgt Ion: 56 Resp: 4547

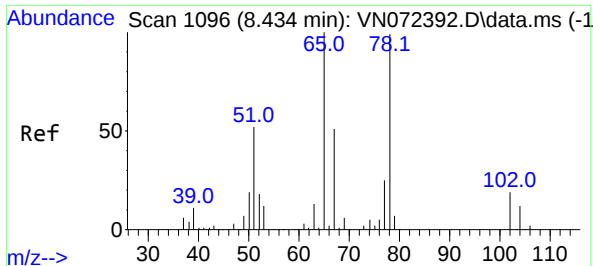
Ion Ratio Lower Upper

56 100

69 123.7 27.8 41.8#

84 128.1 76.9 115.3#





#33

1,2-Dichloroethane-d4

Concen: 52.163 ug/l

RT: 8.433 min Scan# 110

Delta R.T. -0.001 min

Lab File: VN072451.D

Acq: 12 May 2022 14:31

Instrument :

MSVOA_N

ClientSampleId :

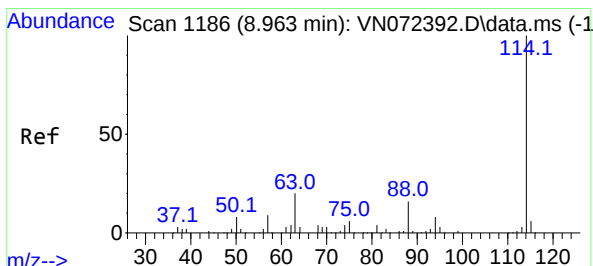
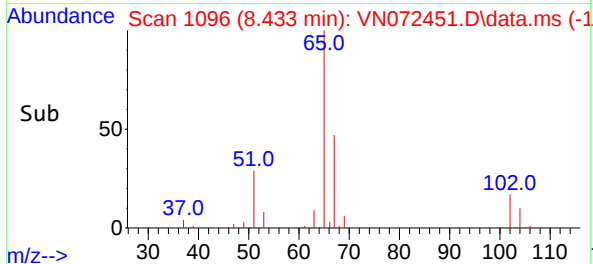
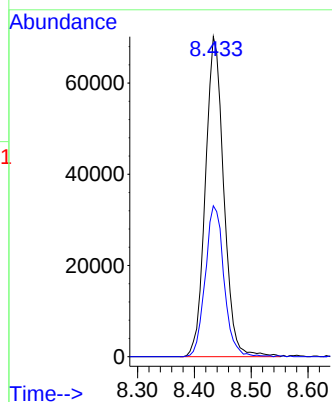
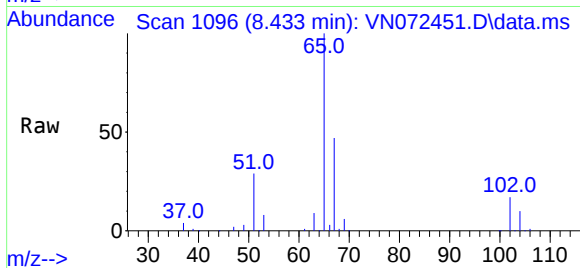
EB-2022-05-11RE

Tgt Ion: 65 Resp: 157618

Ion Ratio Lower Upper

65 100

67 48.0 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.969 min Scan# 1187

Delta R.T. 0.006 min

Lab File: VN072451.D

Acq: 12 May 2022 14:31

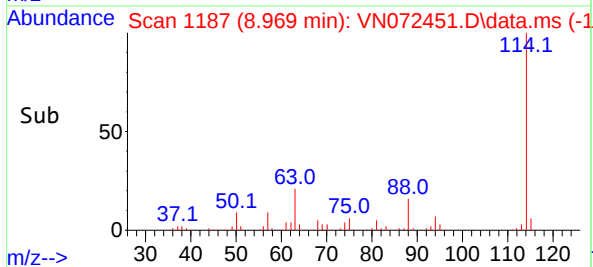
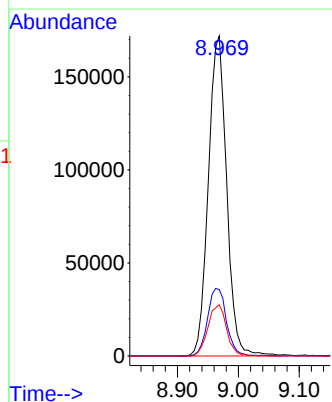
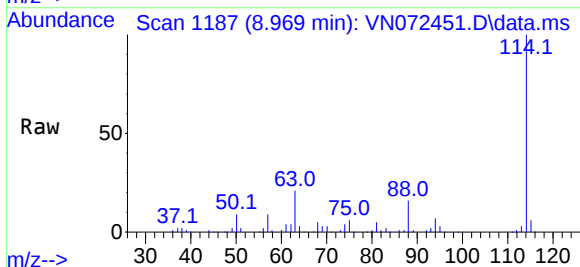
Tgt Ion: 114 Resp: 358874

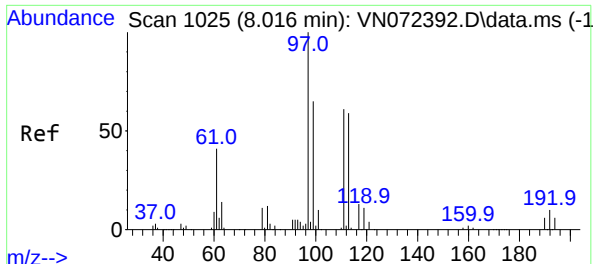
Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.0

88 16.0 0.0 32.6

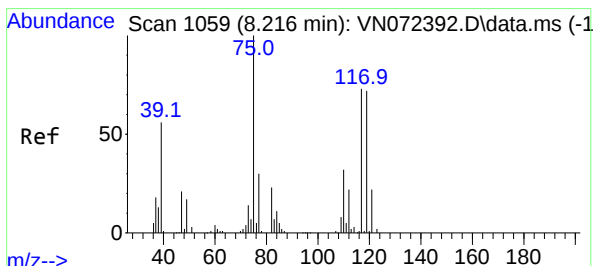
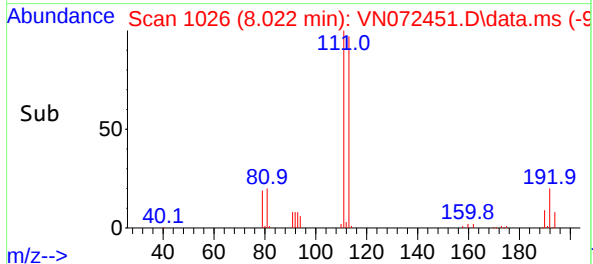
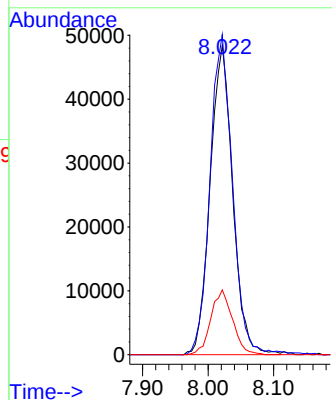
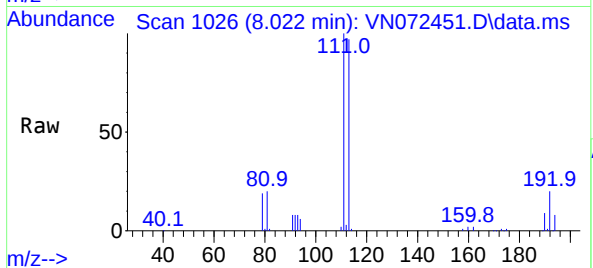




#35
Dibromofluoromethane
Concen: 48.344 ug/l
RT: 8.022 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VN072451.D
Acq: 12 May 2022 14:31

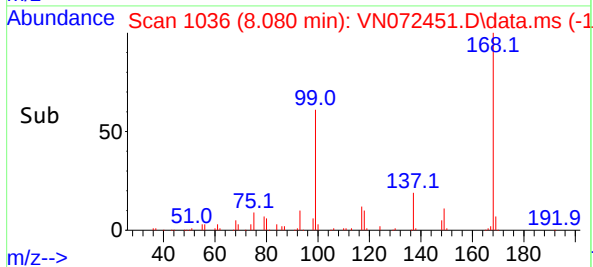
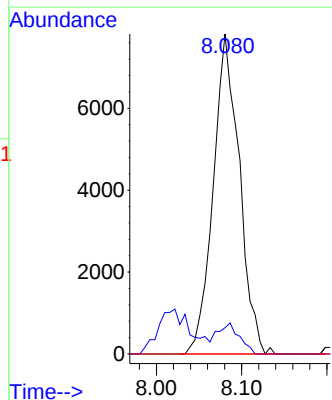
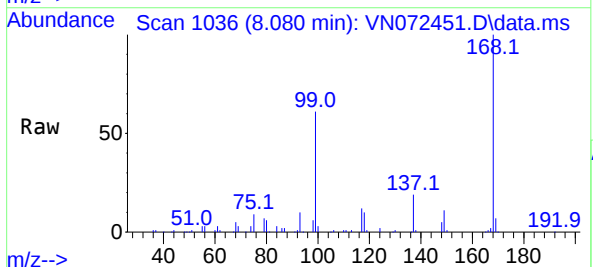
Instrument :
MSVOA_N
ClientSampleId :
EB-2022-05-11RE

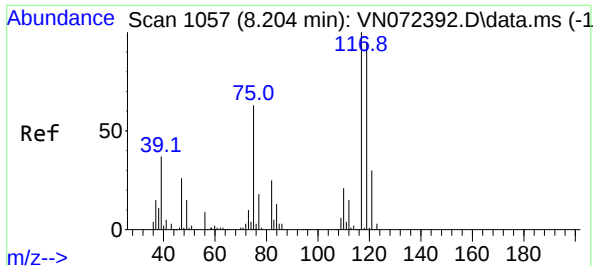
Tgt Ion:113 Resp: 115424
Ion Ratio Lower Upper
113 100
111 103.9 81.4 122.0
192 20.2 17.0 25.6



#36
1,1-Dichloropropene
Concen: 4.854 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.136 min
Lab File: VN072451.D
Acq: 12 May 2022 14:31

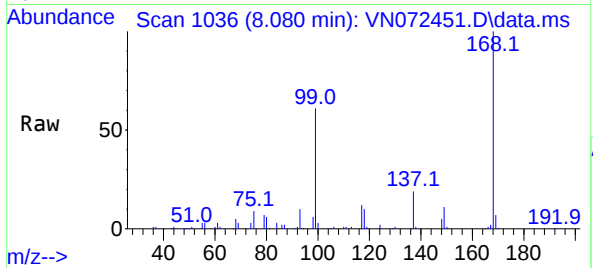
Tgt Ion: 75 Resp: 16645
Ion Ratio Lower Upper
75 100
110 8.1 18.3 54.8#
77 0.0 25.1 37.7#



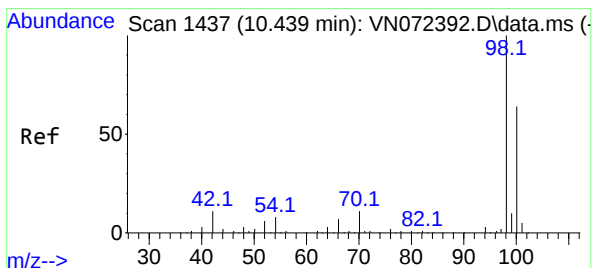
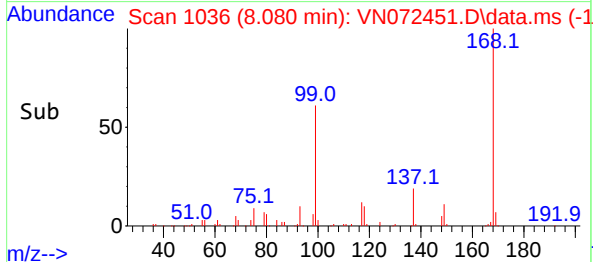
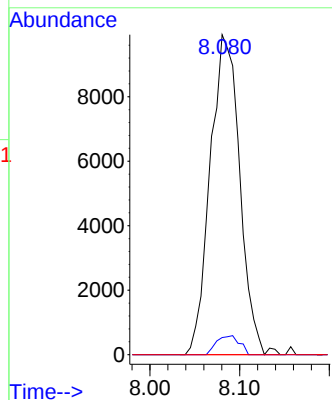


#38
Carbon Tetrachloride
Concen: 5.917 ug/l
RT: 8.080 min Scan# 117
Delta R.T. -0.124 min
Lab File: VN072451.D
Acq: 12 May 2022 14:31

Instrument :
MSVOA_N
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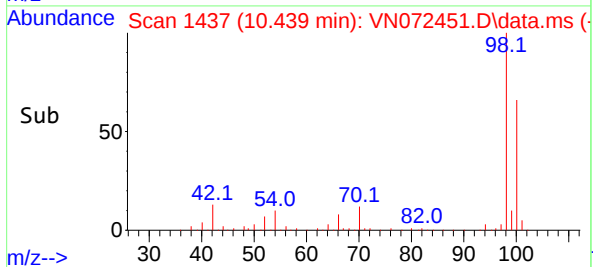
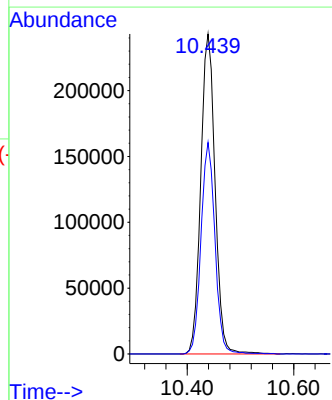
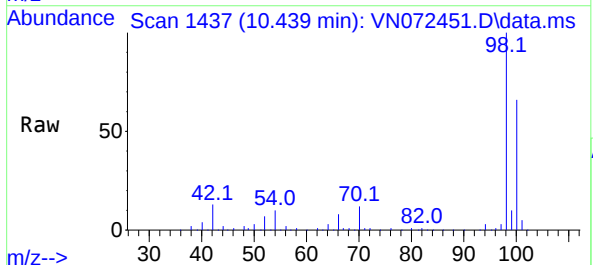


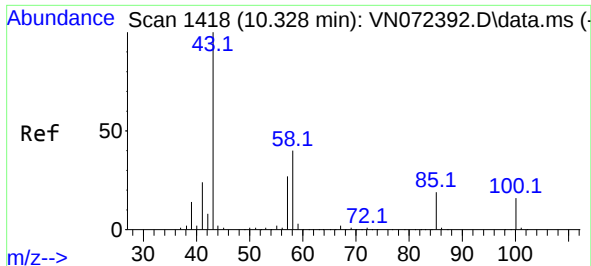
Tgt Ion:117 Resp: 22709
Ion Ratio Lower Upper
117 100
119 5.3 75.8 113.8#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 49.809 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072451.D
Acq: 12 May 2022 14:31

Tgt Ion: 98 Resp: 452915
Ion Ratio Lower Upper
98 100
100 64.5 52.6 78.8

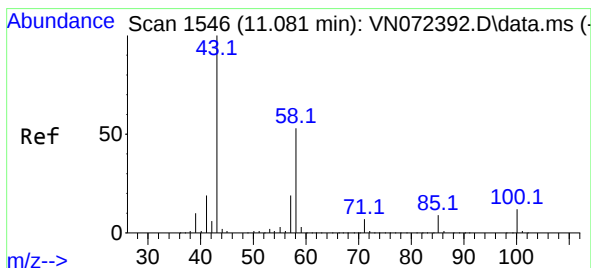
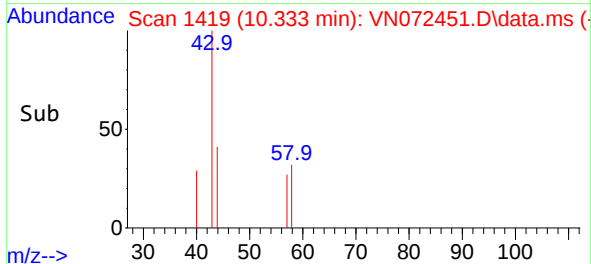
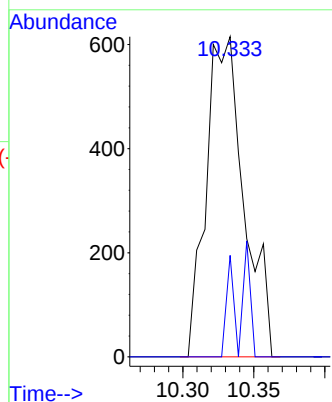
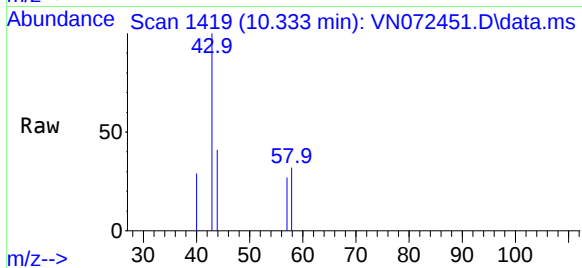




#51
4-Methyl-2-Pentanone
Concen: 0.291 ug/l
RT: 10.333 min Scan# 1419
Delta R.T. 0.005 min
Lab File: VN072451.D
Acq: 12 May 2022 14:31

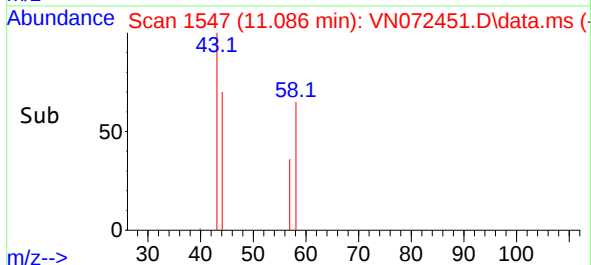
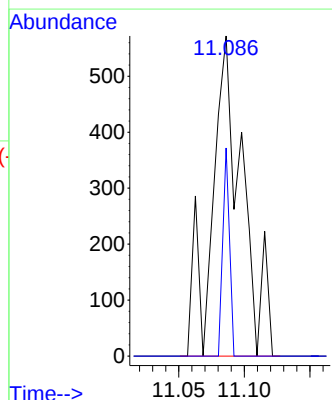
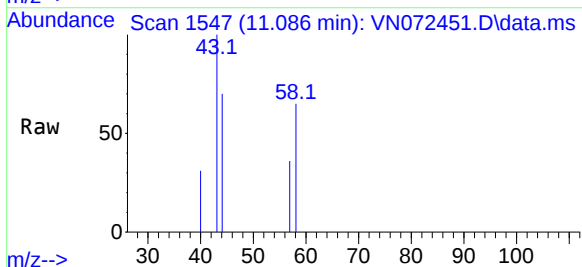
Instrument :
MSVOA_N
ClientSampleId :
EB-2022-05-11RE

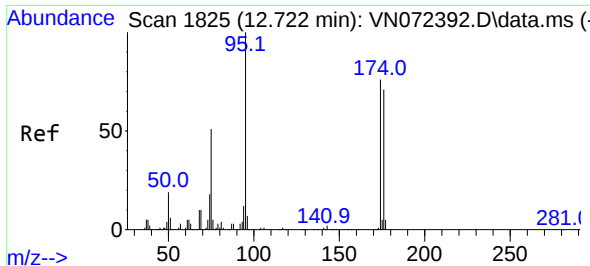
Tgt Ion: 43 Resp: 1140
Ion Ratio Lower Upper
43 100
58 0.0 34.1 51.1#



#59
2-Hexanone
Concen: 0.335 ug/l
RT: 11.086 min Scan# 1547
Delta R.T. 0.005 min
Lab File: VN072451.D
Acq: 12 May 2022 14:31

Tgt Ion: 43 Resp: 923
Ion Ratio Lower Upper
43 100
58 14.2 29.7 89.1#

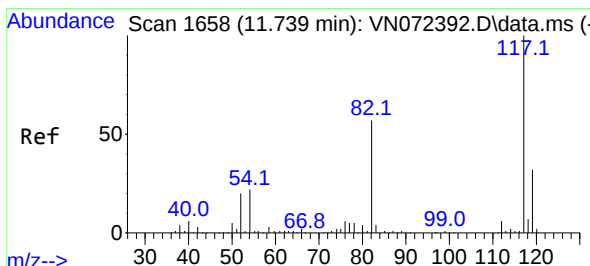
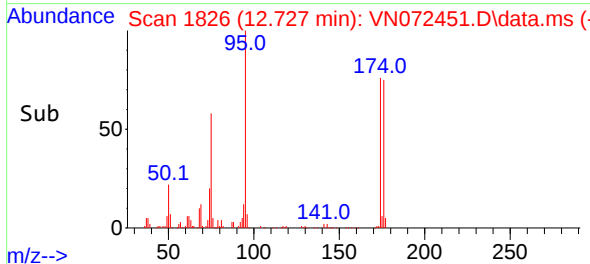
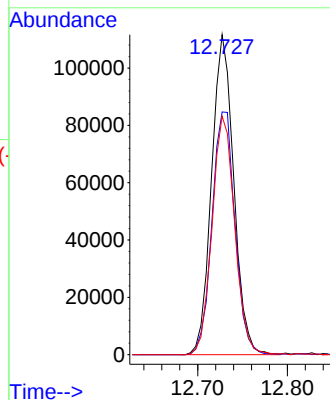
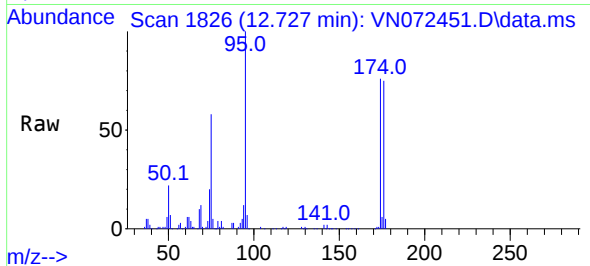




#62
4-Bromofluorobenzene
Concen: 63.264 ug/l
RT: 12.727 min Scan# 1825
Delta R.T. 0.005 min
Lab File: VN072451.D
Acq: 12 May 2022 14:31

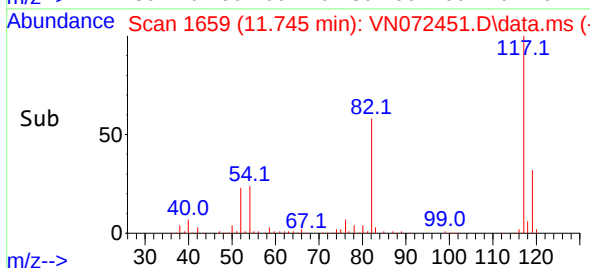
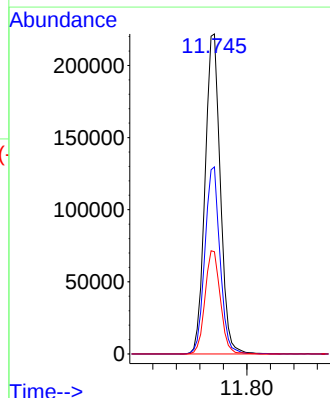
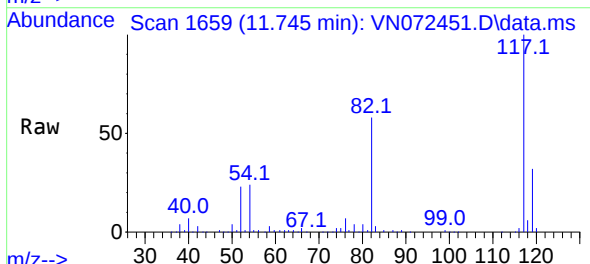
Instrument :
MSVOA_N
ClientSampleId :
EB-2022-05-11RE

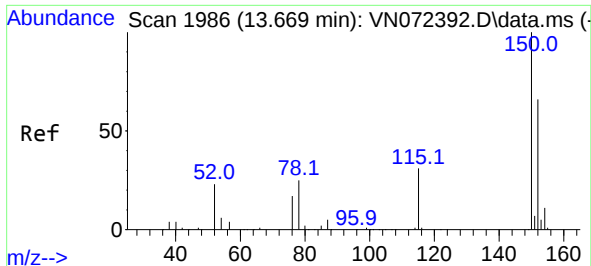
Tgt Ion: 95 Resp: 191048
Ion Ratio Lower Upper
95 100
174 79.1 0.0 167.6
176 76.2 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.745 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VN072451.D
Acq: 12 May 2022 14:31

Tgt Ion: 117 Resp: 398738
Ion Ratio Lower Upper
117 100
82 58.5 44.2 66.2
119 32.0 25.4 38.0

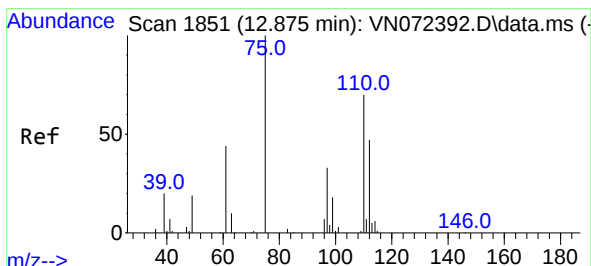
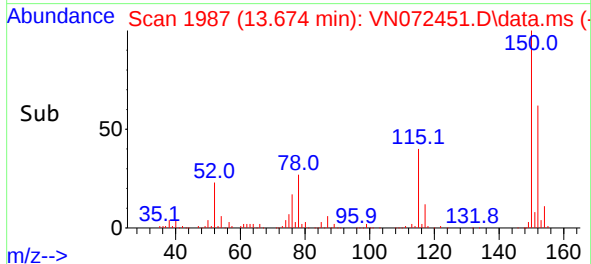
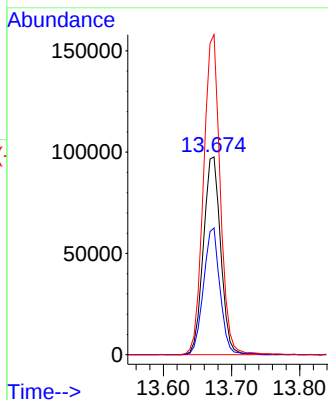
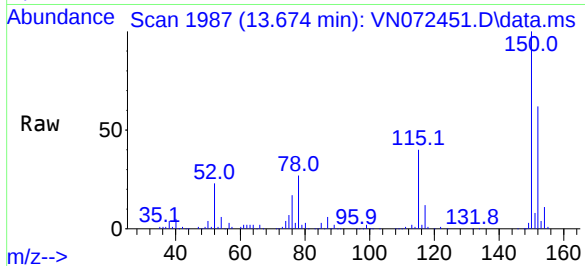




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1986
Delta R.T. 0.005 min
Lab File: VN072451.D
Acq: 12 May 2022 14:31

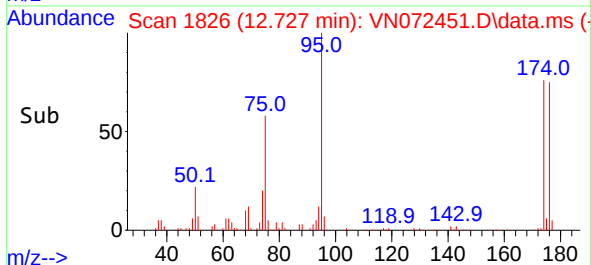
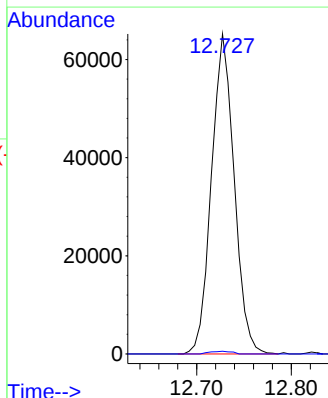
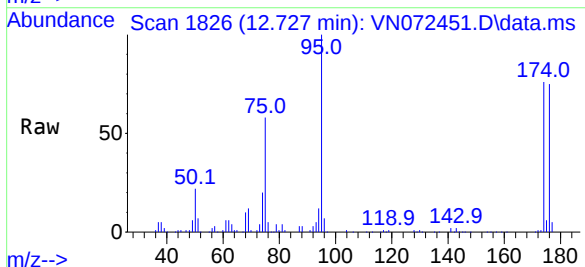
Instrument :
MSVOA_N
ClientSampleId :
EB-2022-05-11RE

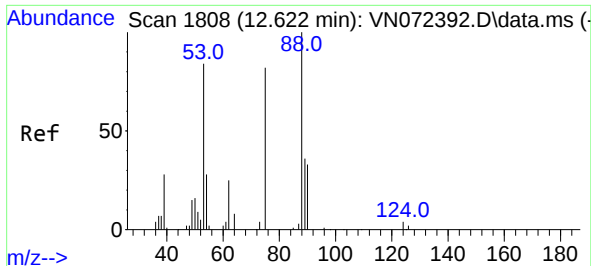
Tgt Ion:152 Resp: 172575
Ion Ratio Lower Upper
152 100
115 61.1 28.9 86.7
150 156.7 0.0 356.2



#76
1,2,3-Trichloropropane
Concen: 24.145 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.148 min
Lab File: VN072451.D
Acq: 12 May 2022 14:31

Tgt Ion: 75 Resp: 108679
Ion Ratio Lower Upper
75 100
77 0.8 98.5 295.5#

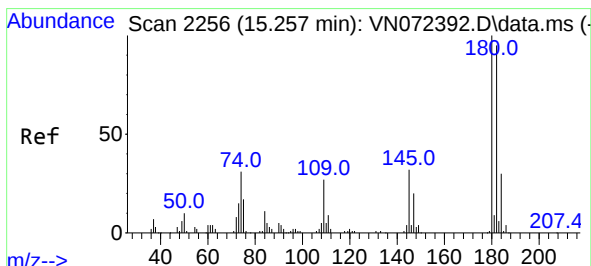
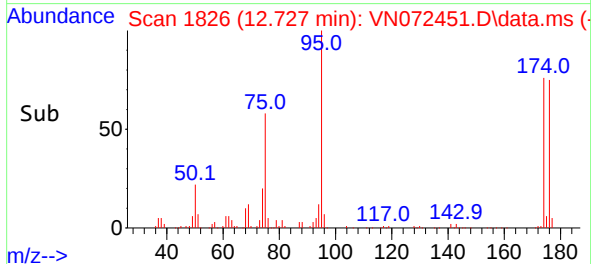
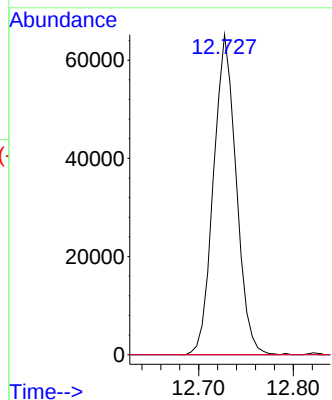
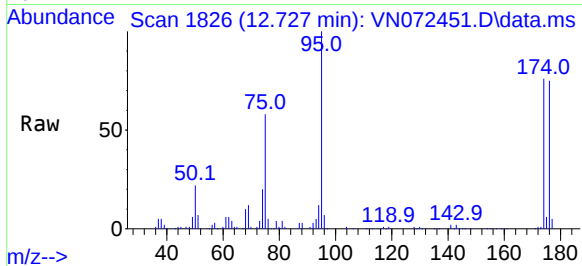




#81
trans-1,4-Dichloro-2-butene
Concen: 80.548 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.105 min
Lab File: VN072451.D
Acq: 12 May 2022 14:31

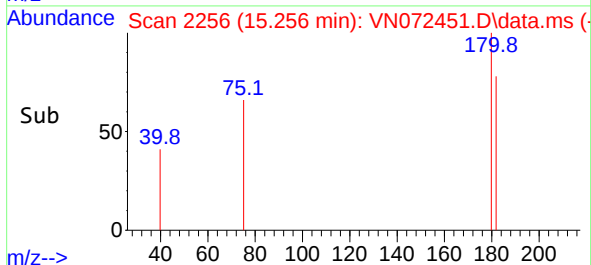
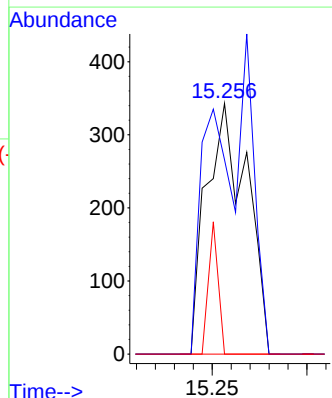
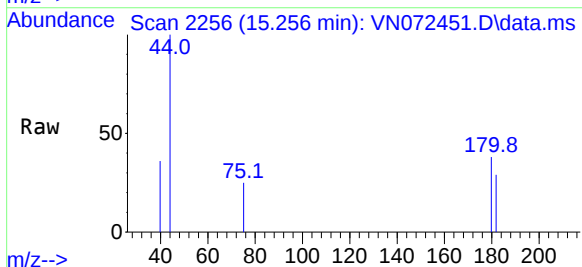
Instrument :
MSVOA_N
ClientSampleId :
EB-2022-05-11RE

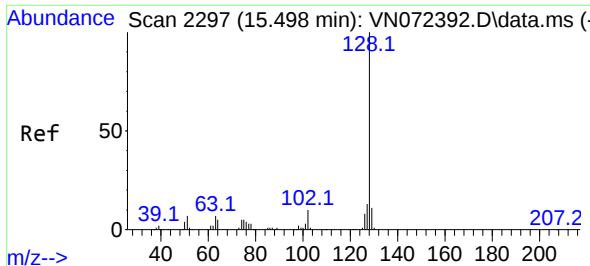
Tgt Ion: 75 Resp: 108679
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



#93
1,2,4-Trichlorobenzene
Concen: 0.228 ug/l
RT: 15.256 min Scan# 2256
Delta R.T. -0.001 min
Lab File: VN072451.D
Acq: 12 May 2022 14:31

Tgt Ion:180 Resp: 509
Ion Ratio Lower Upper
180 100
182 75.2 47.5 142.5
145 12.6 14.5 43.5#

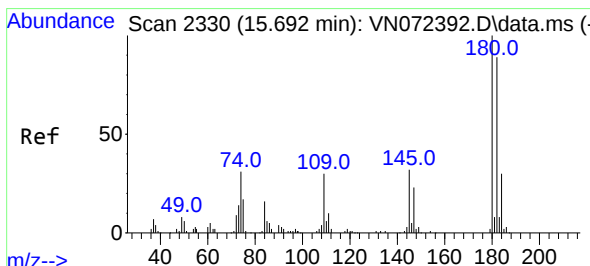
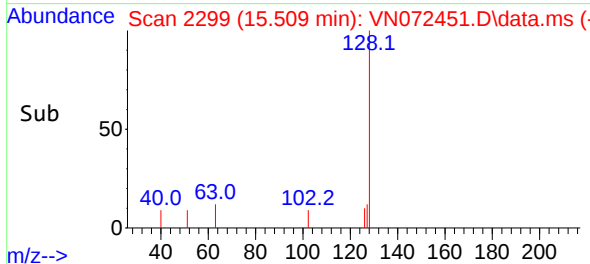
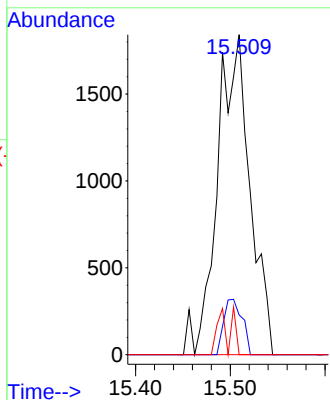
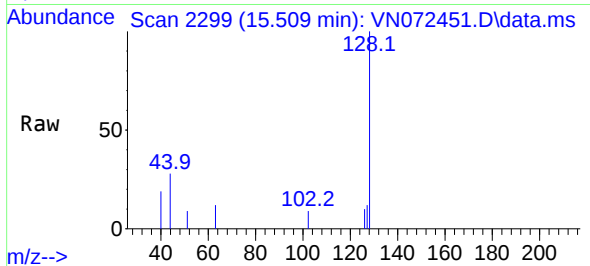




#95
Naphthalene
Concen: 3.675 ug/l
RT: 15.509 min Scan# 21
Delta R.T. 0.011 min
Lab File: VN072451.D
Acq: 12 May 2022 14:31

Instrument :
MSVOA_N
ClientSampleId :
EB-2022-05-11RE

Tgt Ion:128 Resp: 4392
Ion Ratio Lower Upper
128 100
127 9.8 10.3 15.5#
129 5.7 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 0.246 ug/l
RT: 15.692 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN072451.D
Acq: 12 May 2022 14:31

Tgt Ion:180 Resp: 551
Ion Ratio Lower Upper
180 100
182 27.4 47.8 143.3#
145 0.0 15.5 46.5#

