

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051222\
 Data File : VN072444.D
 Acq On : 12 May 2022 11:29
 Operator : JC\MD
 Sample : VN0512MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0512MBL01

Quant Time: May 13 02:40:52 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)

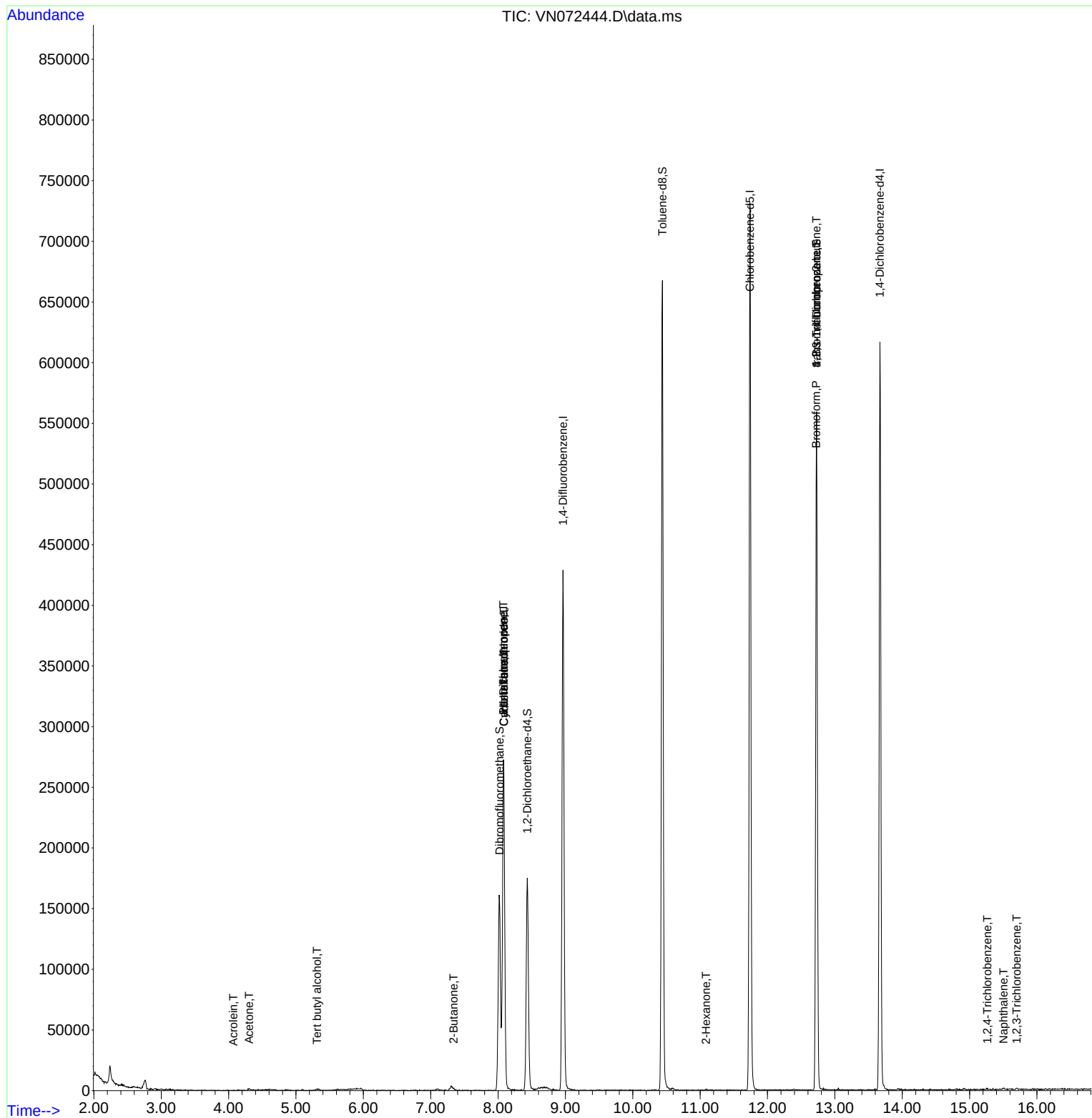
Internal Standards						
1) Pentafluorobenzene	8.081	168	197202	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	361438	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	405875	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	164618	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	159005	52.642	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 105.280%			
35) Dibromofluoromethane	8.022	113	115992	48.237	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 96.480%			
50) Toluene-d8	10.439	98	457249	49.928	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.860%			
62) 4-Bromofluorobenzene	12.727	95	189329	62.250	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 124.500%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.299	50	393	Below Cal	#	43
6) Chloroethane	2.999	64	900	Below Cal	#	42
11) Tert butyl alcohol	5.310	59	674	1.365	ug/l #	72
13) Acrolein	4.069	56	145	0.300	ug/l #	16
16) Acetone	4.304	43	1447	1.210	ug/l	89
25) 2-Butanone	7.339	43	1003	0.531	ug/l #	45
31) Cyclohexane	8.086	56	4391	1.097	ug/l #	47
36) 1,1-Dichloropropene	8.081	75	17148	4.965	ug/l #	49
38) Carbon Tetrachloride	8.086	117	22051	5.705	ug/l #	16
59) 2-Hexanone	11.086	43	894	0.323	ug/l #	48
71) Bromoform	12.721	173	1051	0.429	ug/l #	28
76) 1,2,3-Trichloropropane	12.727	75	106304	24.759	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	106304	82.597	ug/l #	10
93) 1,2,4-Trichlorobenzene	15.262	180	555	0.261	ug/l #	46
95) Naphthalene	15.504	128	1798	3.391	ug/l #	79
96) 1,2,3-Trichlorobenzene	15.698	180	664	0.311	ug/l #	72

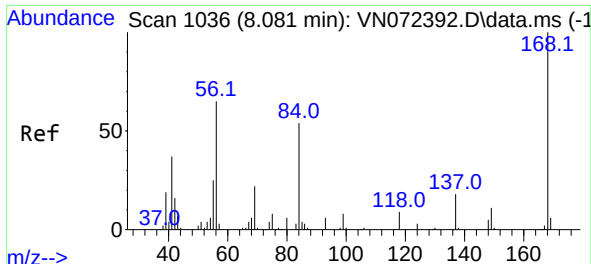
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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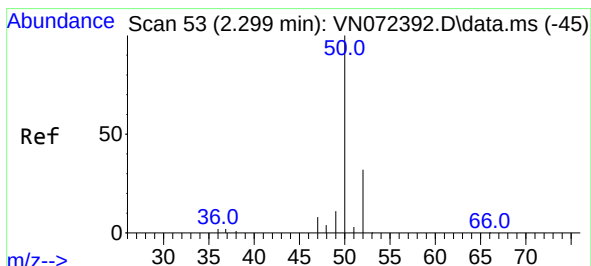
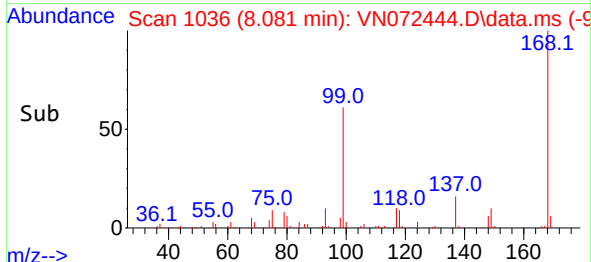
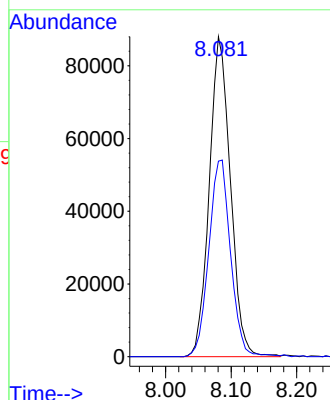
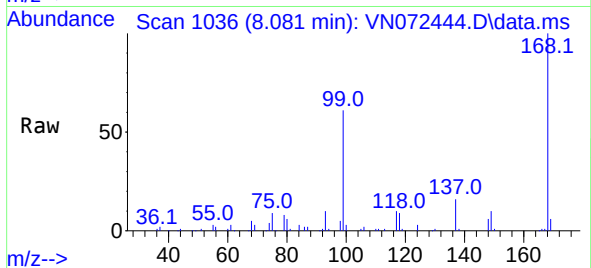




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN072444.D
Acq: 12 May 2022 11:29

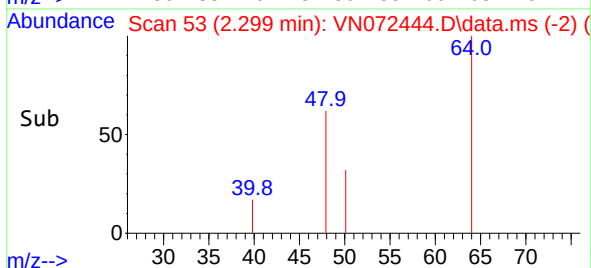
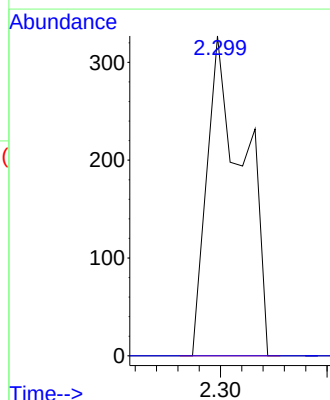
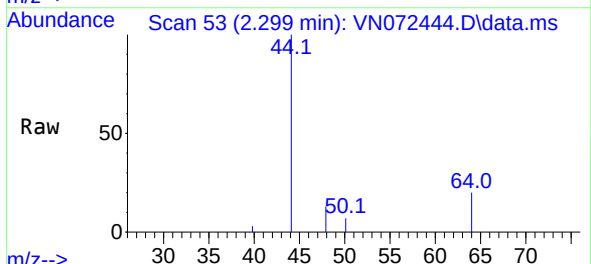
Instrument :
MSVOA_N
ClientSampleId :
VN0512MBL01

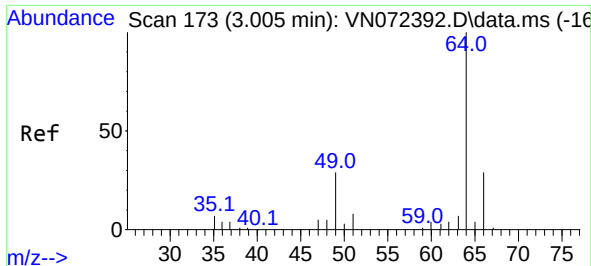
Tgt Ion:168 Resp: 197202
Ion Ratio Lower Upper
168 100
99 61.1 42.3 63.5



#3
Chloromethane
Concen: Below Cal
RT: 2.299 min Scan# 53
Delta R.T. -0.000 min
Lab File: VN072444.D
Acq: 12 May 2022 11:29

Tgt Ion: 50 Resp: 393
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

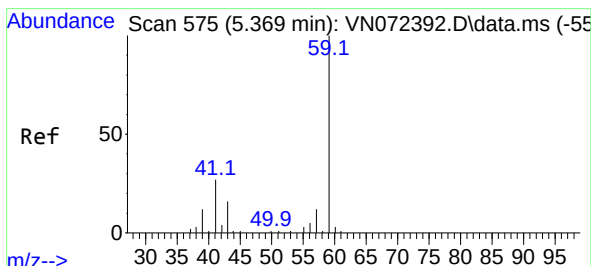
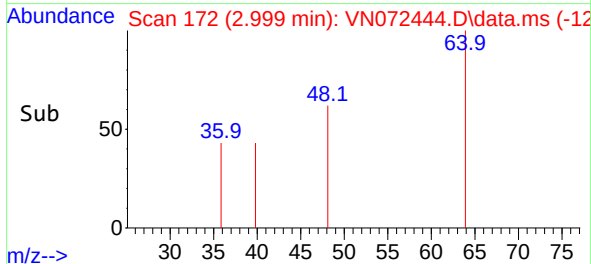
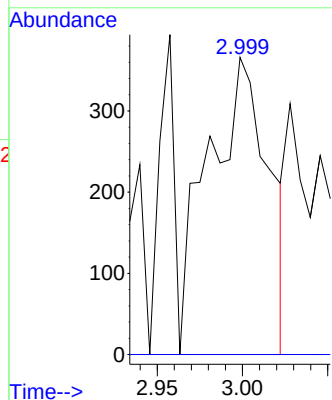
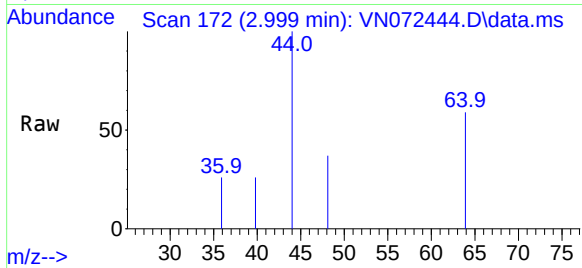




#6
Chloroethane
Concen: Below Cal
RT: 2.999 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN072444.D
Acq: 12 May 2022 11:29

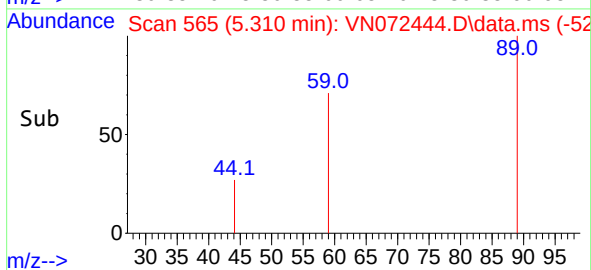
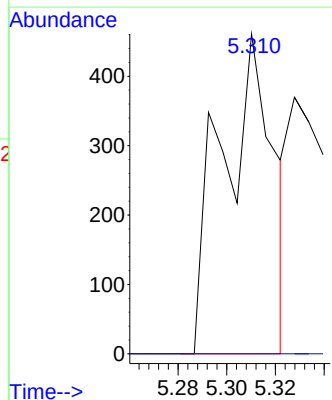
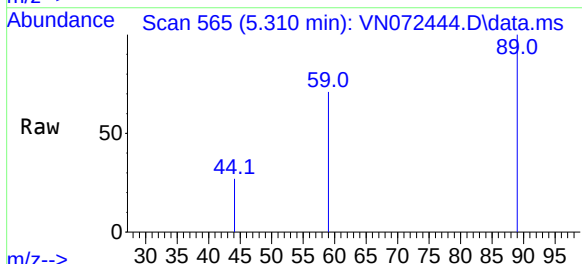
Instrument :
MSVOA_N
ClientSampleId :
VN0512MBL01

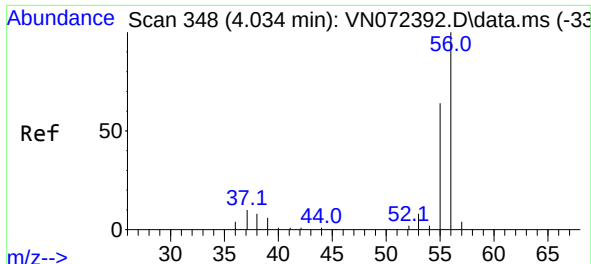
Tgt Ion: 64 Resp: 900
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#11
Tert butyl alcohol
Concen: 1.365 ug/l
RT: 5.310 min Scan# 565
Delta R.T. -0.059 min
Lab File: VN072444.D
Acq: 12 May 2022 11:29

Tgt Ion: 59 Resp: 674
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

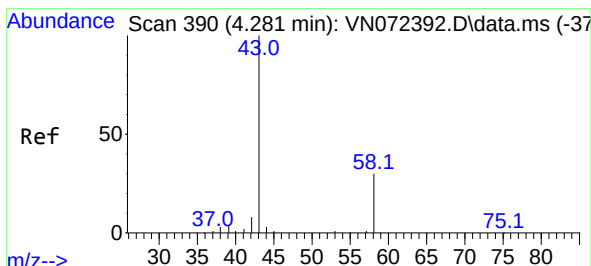
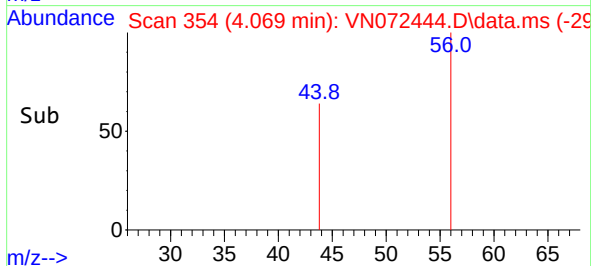
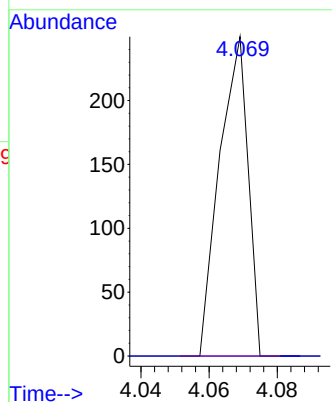
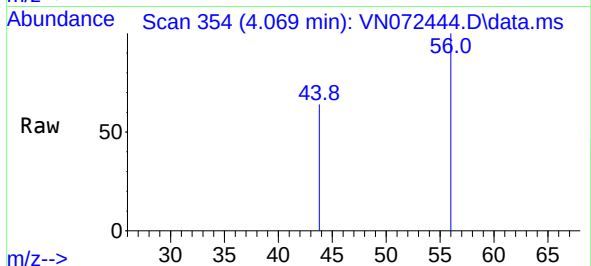




#13
Acrolein
Concen: 0.300 ug/l
RT: 4.069 min Scan# 31
Delta R.T. 0.035 min
Lab File: VN072444.D
Acq: 12 May 2022 11:29

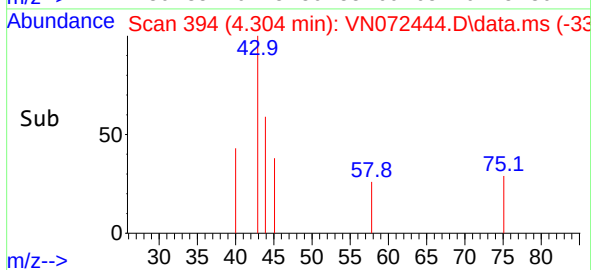
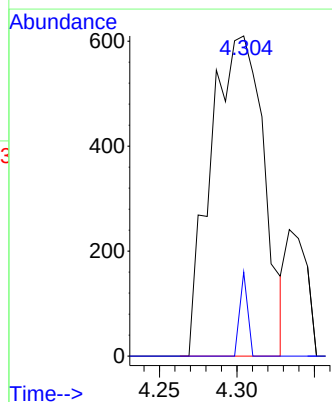
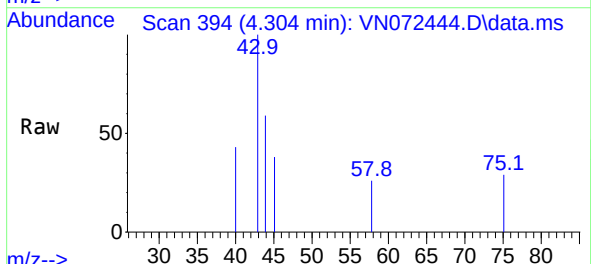
Instrument :
MSVOA_N
ClientSampleId :
VN0512MBL01

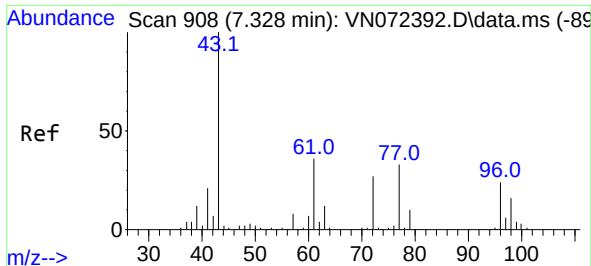
Tgt Ion: 56 Resp: 145
Ion Ratio Lower Upper
56 100
55 0.0 54.8 82.2#



#16
Acetone
Concen: 1.210 ug/l
RT: 4.304 min Scan# 394
Delta R.T. 0.023 min
Lab File: VN072444.D
Acq: 12 May 2022 11:29

Tgt Ion: 43 Resp: 1447
Ion Ratio Lower Upper
43 100
58 26.2 26.0 39.0

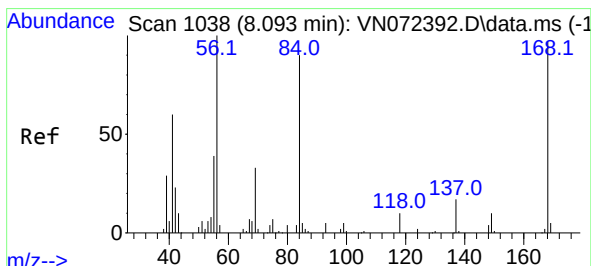
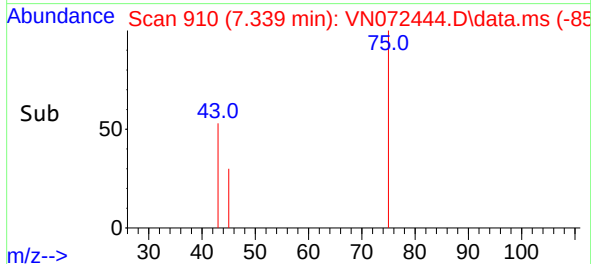
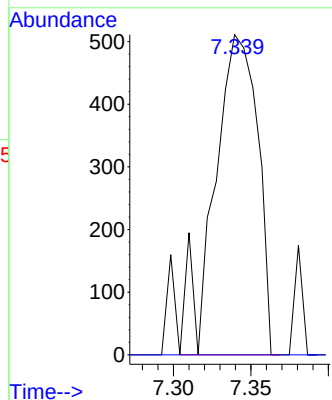
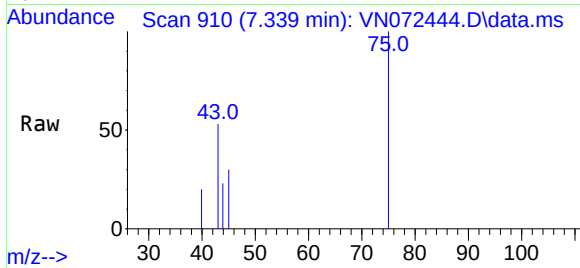




#25
2-Butanone
Concen: 0.531 ug/l
RT: 7.339 min Scan# 910
Delta R.T. 0.011 min
Lab File: VN072444.D
Acq: 12 May 2022 11:29

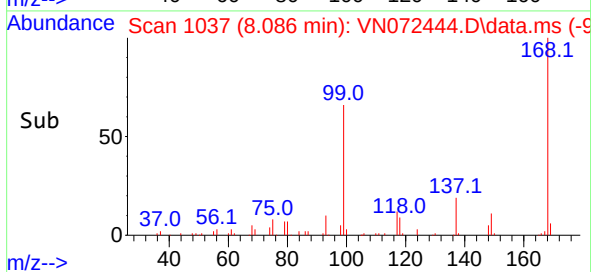
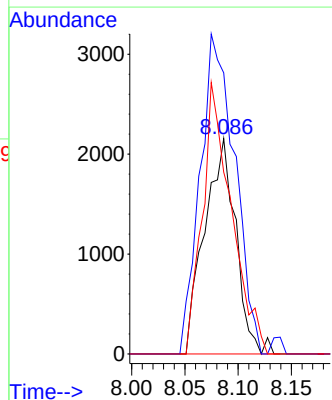
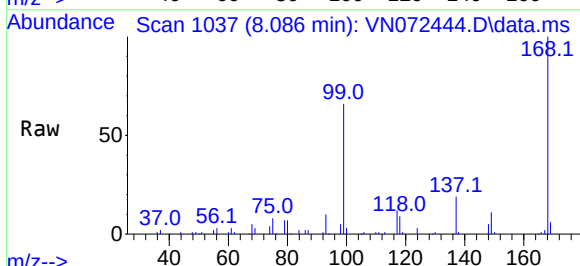
Instrument :
MSVOA_N
ClientSampleId :
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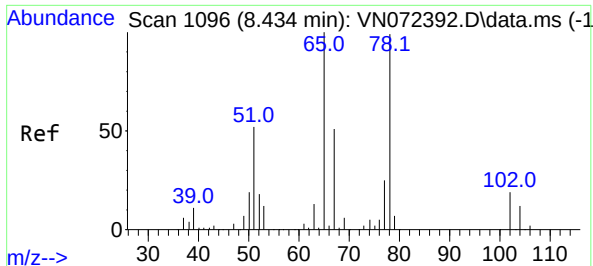
Tgt Ion: 43 Resp: 1003
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#31
Cyclohexane
Concen: 1.097 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. -0.007 min
Lab File: VN072444.D
Acq: 12 May 2022 11:29

Tgt Ion: 56 Resp: 4391
Ion Ratio Lower Upper
56 100
69 130.5 27.8 41.8#
84 84.4 76.9 115.3





#33

1,2-Dichloroethane-d4

Concen: 52.642 ug/l

RT: 8.434 min Scan# 1096

Delta R.T. -0.000 min

Lab File: VN072444.D

Acq: 12 May 2022 11:29

Instrument :

MSVOA_N

ClientSampleId :

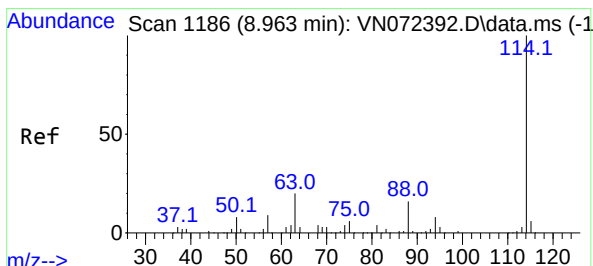
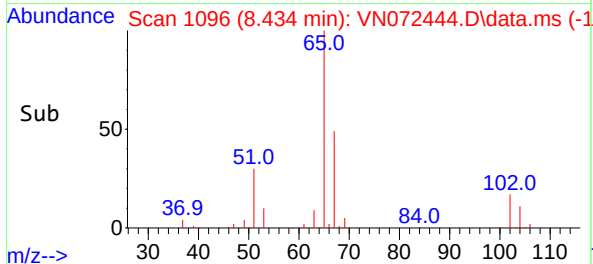
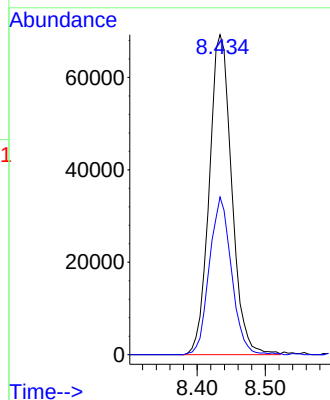
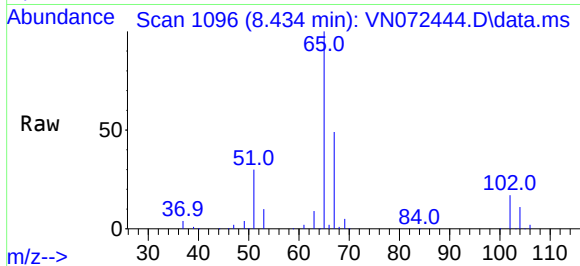
VN0512MBL01

Tgt Ion: 65 Resp: 159005

Ion Ratio Lower Upper

65 100

67 48.5 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072444.D

Acq: 12 May 2022 11:29

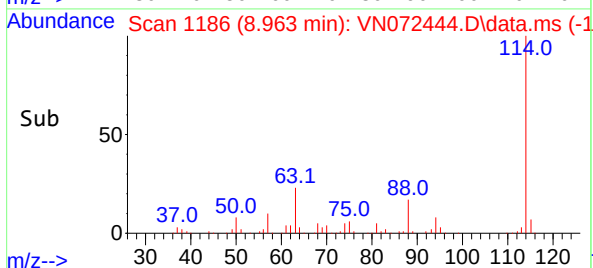
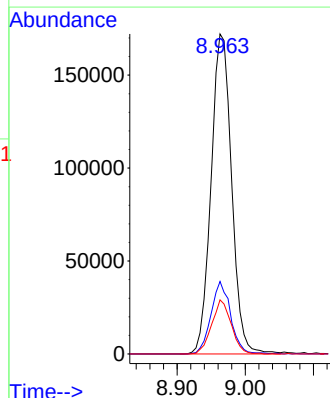
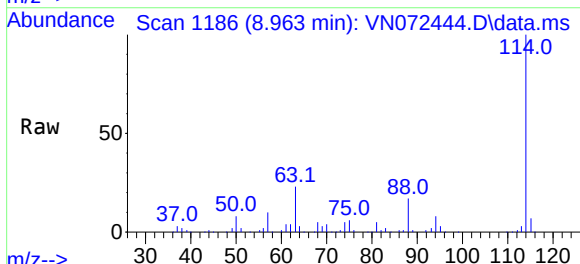
Tgt Ion: 114 Resp: 361438

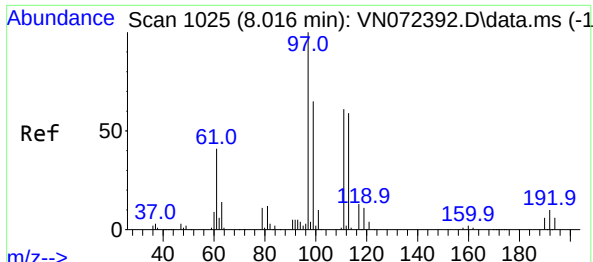
Ion Ratio Lower Upper

114 100

63 22.7 0.0 40.0

88 16.9 0.0 32.6

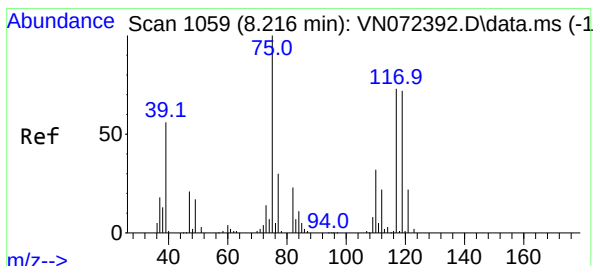
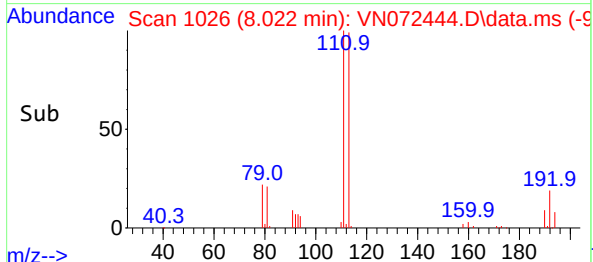
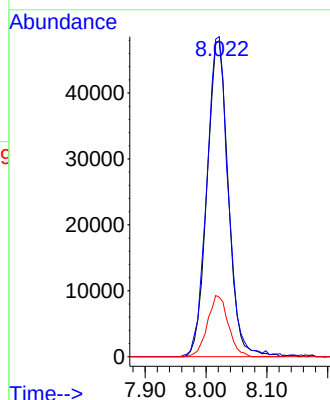
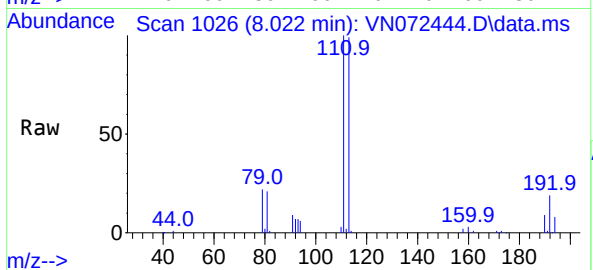




#35
Dibromofluoromethane
Concen: 48.237 ug/l
RT: 8.022 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VN072444.D
Acq: 12 May 2022 11:29

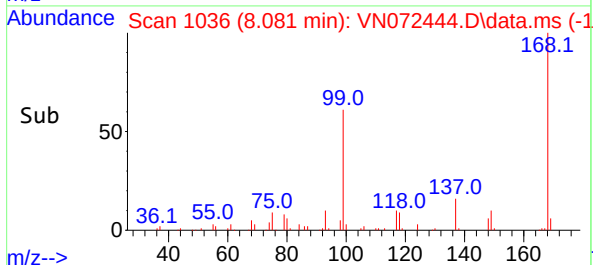
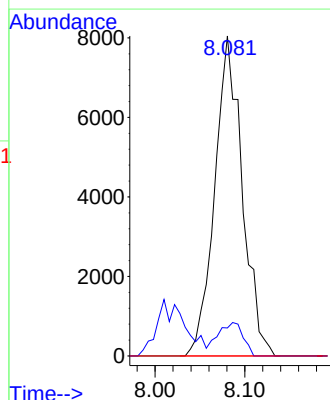
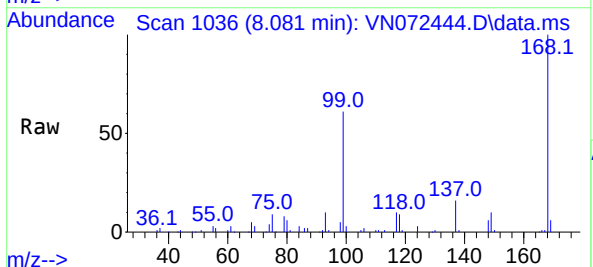
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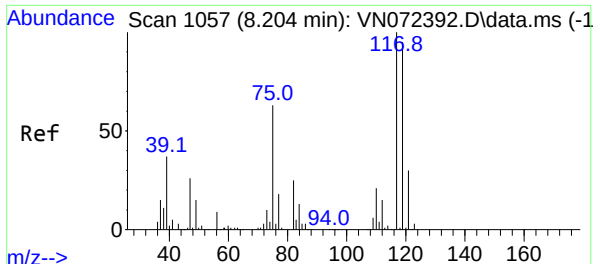
Tgt Ion:113 Resp: 115992
Ion Ratio Lower Upper
113 100
111 102.8 81.4 122.0
192 18.9 17.0 25.6



#36
1,1-Dichloropropene
Concen: 4.965 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.135 min
Lab File: VN072444.D
Acq: 12 May 2022 11:29

Tgt Ion: 75 Resp: 17148
Ion Ratio Lower Upper
75 100
110 9.6 18.3 54.8#
77 0.0 25.1 37.7#

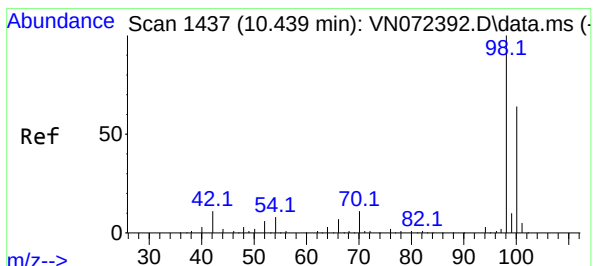
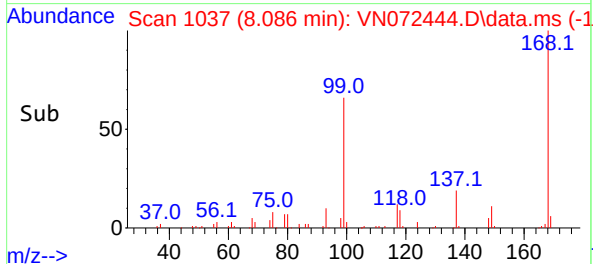
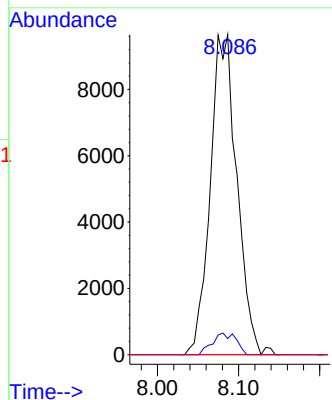
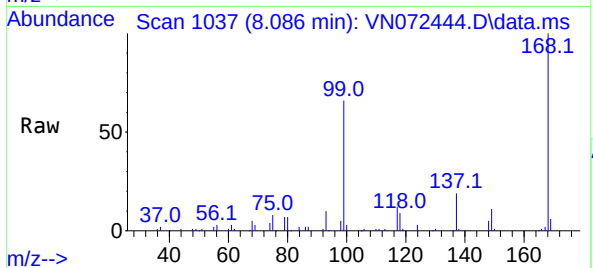




#38
Carbon Tetrachloride
Concen: 5.705 ug/l
RT: 8.086 min Scan# 117
Delta R.T. -0.118 min
Lab File: VN072444.D
Acq: 12 May 2022 11:29

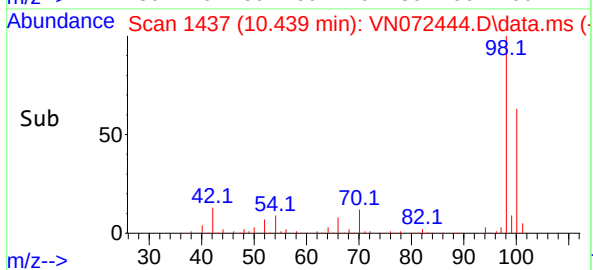
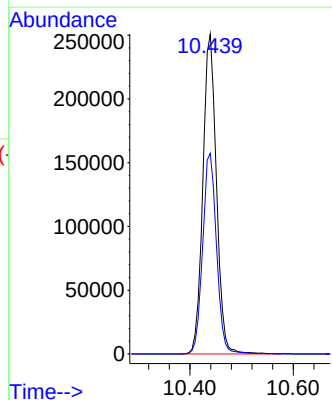
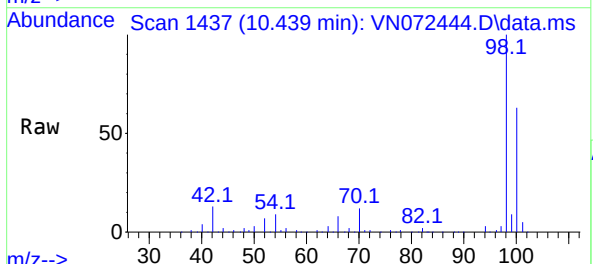
Instrument :
MSVOA_N
ClientSampleId :
VN0512MBL01

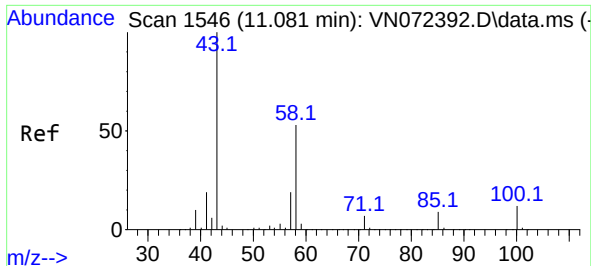
Tgt Ion:117 Resp: 22051
Ion Ratio Lower Upper
117 100
119 5.1 75.8 113.8#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 49.928 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072444.D
Acq: 12 May 2022 11:29

Tgt Ion: 98 Resp: 457249
Ion Ratio Lower Upper
98 100
100 64.0 52.6 78.8

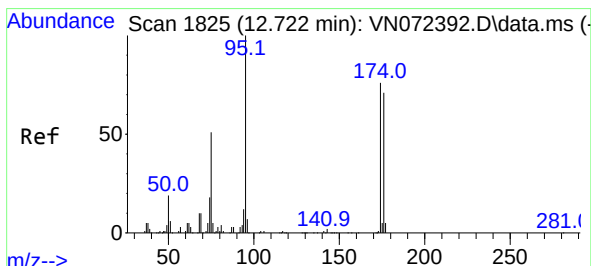
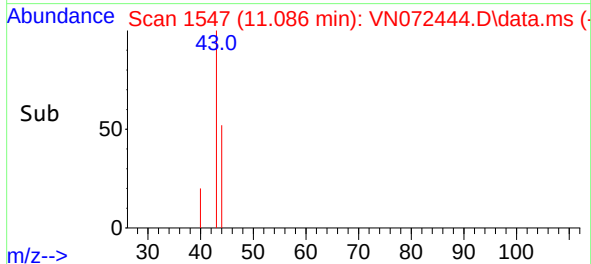
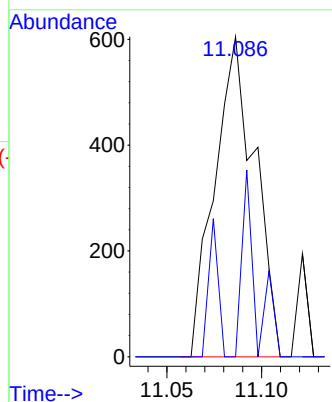
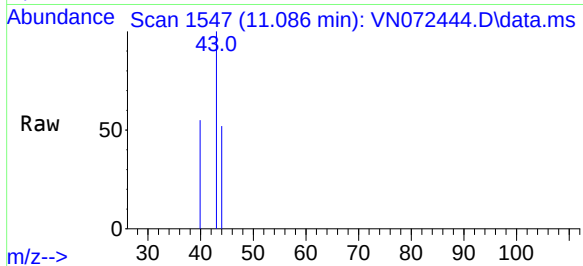




#59
2-Hexanone
Concen: 0.323 ug/l
RT: 11.086 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN072444.D
Acq: 12 May 2022 11:29

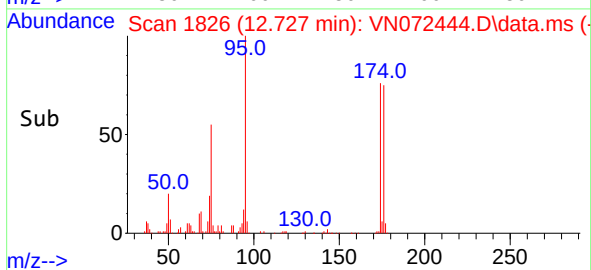
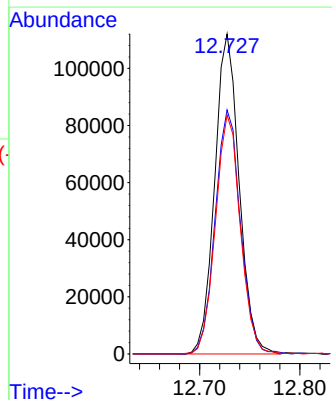
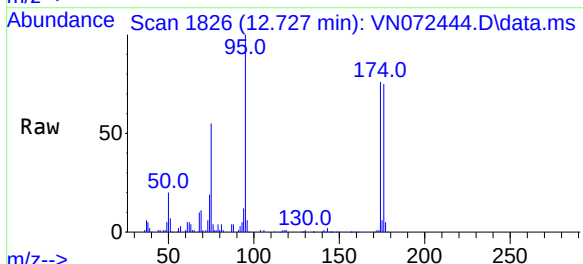
Instrument :
MSVOA_N
ClientSampleId :
VN0512MBL01

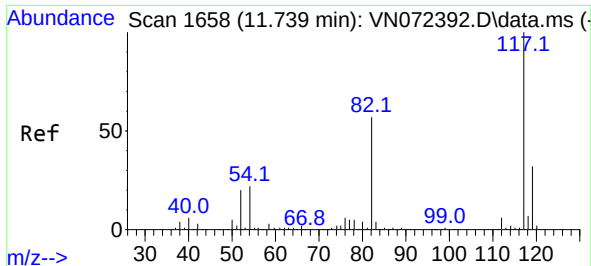
Tgt Ion: 43 Resp: 894
Ion Ratio Lower Upper
43 100
58 20.4 29.7 89.1#



#62
4-Bromofluorobenzene
Concen: 62.250 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.005 min
Lab File: VN072444.D
Acq: 12 May 2022 11:29

Tgt Ion: 95 Resp: 189329
Ion Ratio Lower Upper
95 100
174 78.9 0.0 167.6
176 76.0 0.0 163.4

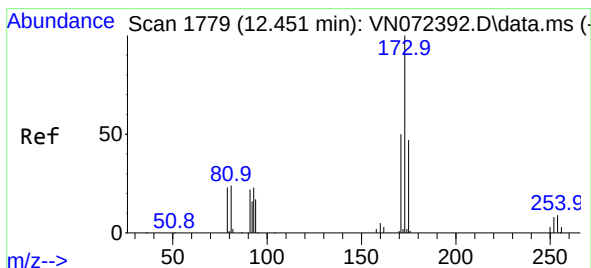
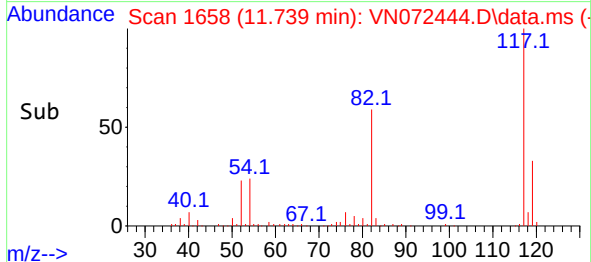
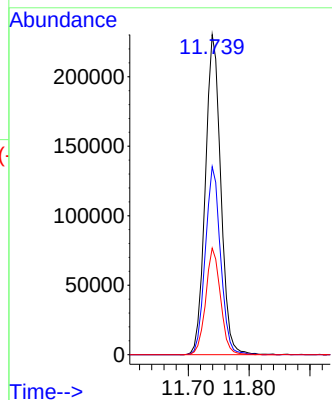
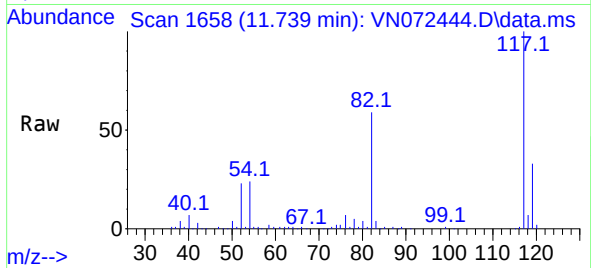




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072444.D
Acq: 12 May 2022 11:29

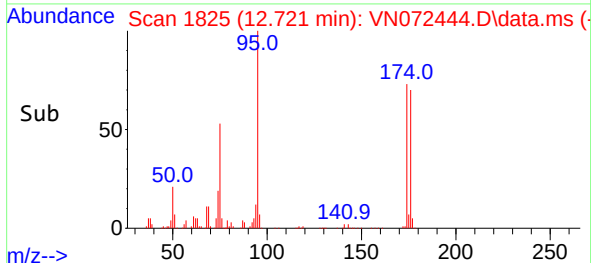
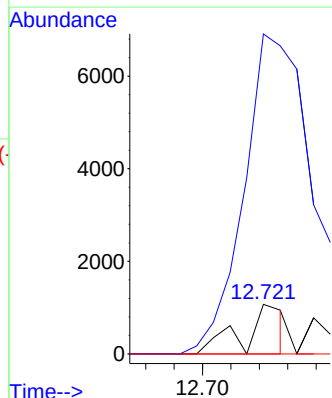
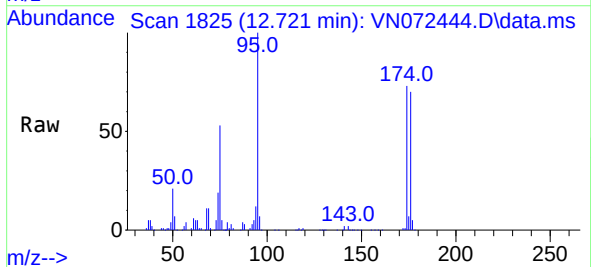
Instrument :
MSVOA_N
ClientSampleId :
VN0512MBL01

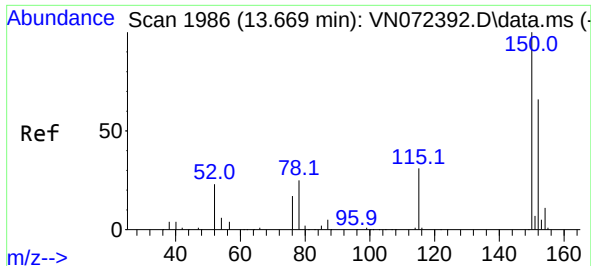
Tgt Ion:117 Resp: 405875
Ion Ratio Lower Upper
117 100
82 58.8 44.2 66.2
119 33.3 25.4 38.0



#71
Bromoform
Concen: 0.429 ug/l
RT: 12.721 min Scan# 1825
Delta R.T. 0.270 min
Lab File: VN072444.D
Acq: 12 May 2022 11:29

Tgt Ion:173 Resp: 1051
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.6#
254 0.0 0.1 0.1#

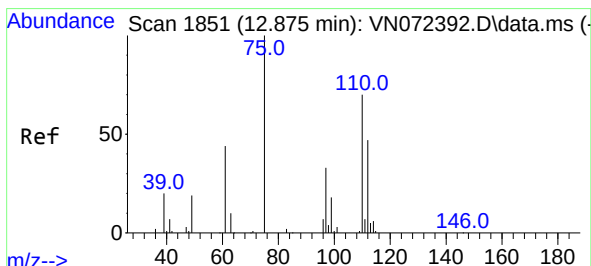
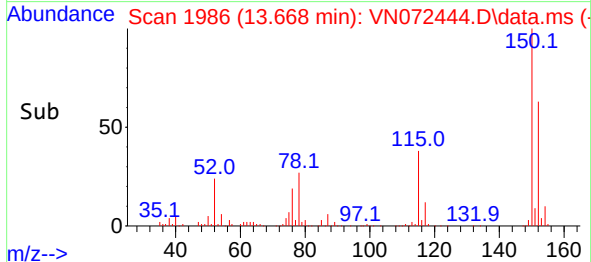
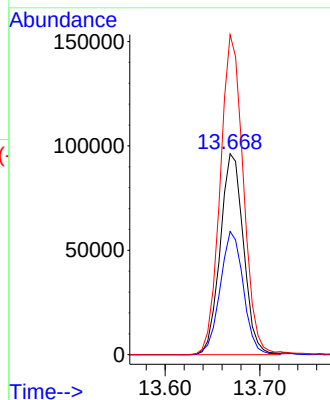
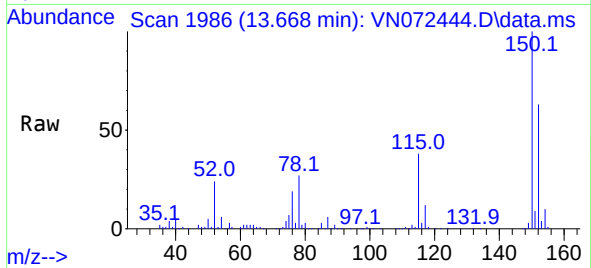




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072444.D
Acq: 12 May 2022 11:29

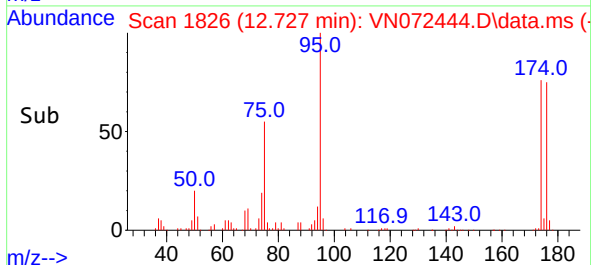
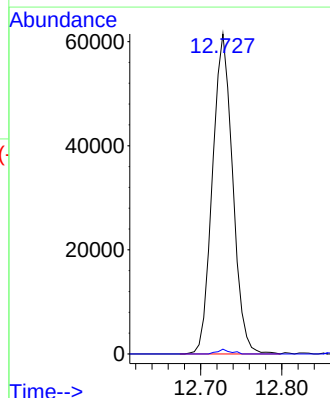
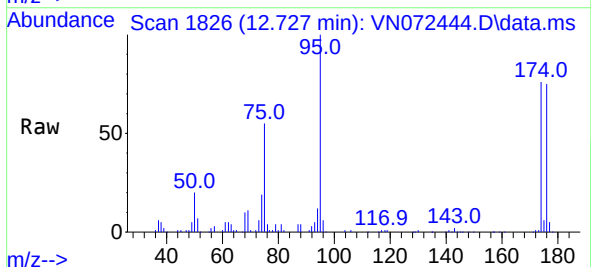
Instrument :
MSVOA_N
ClientSampleId :
VN0512MBL01

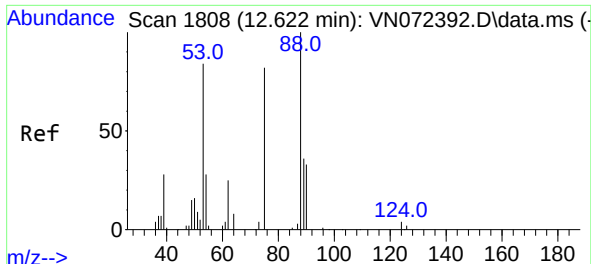
Tgt Ion:152 Resp: 164618
Ion Ratio Lower Upper
152 100
115 61.3 28.9 86.7
150 159.1 0.0 356.2



#76
1,2,3-Trichloropropane
Concen: 24.759 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.148 min
Lab File: VN072444.D
Acq: 12 May 2022 11:29

Tgt Ion: 75 Resp: 106304
Ion Ratio Lower Upper
75 100
77 0.9 98.5 295.5#

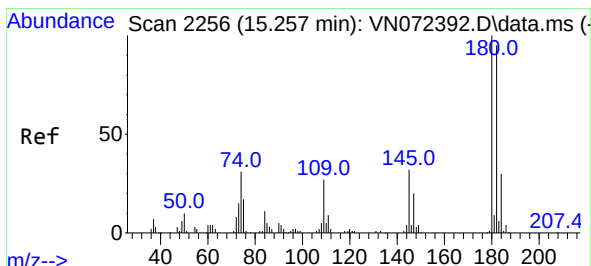
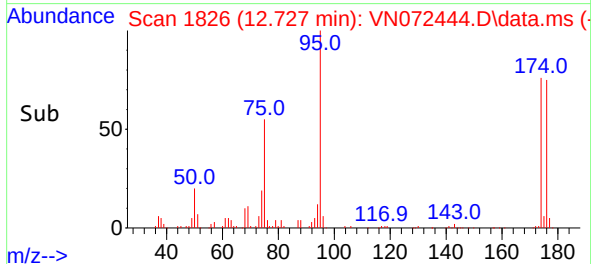
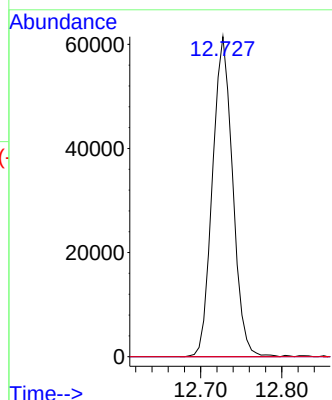
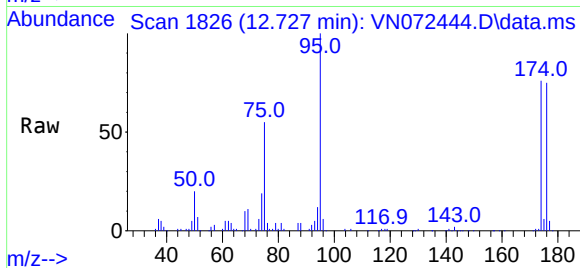




#81
trans-1,4-Dichloro-2-butene
Concen: 82.597 ug/l
RT: 12.727 min Scan# 1808
Delta R.T. 0.105 min
Lab File: VN072444.D
Acq: 12 May 2022 11:29

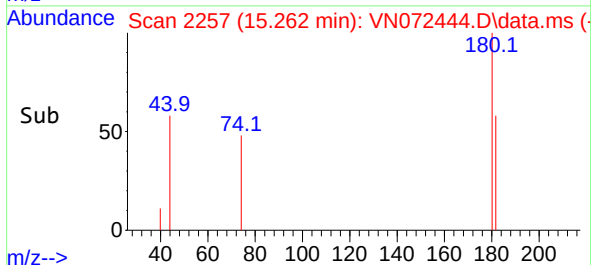
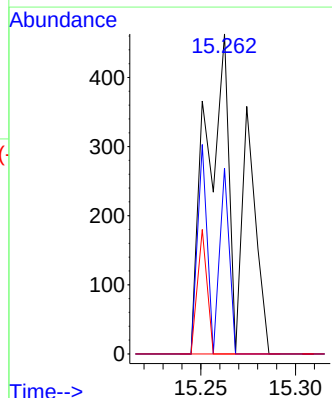
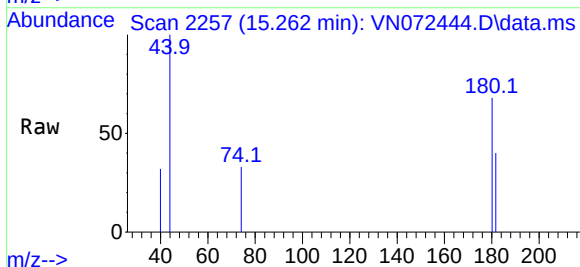
Instrument :
MSVOA_N
ClientSampleId :
VN0512MBL01

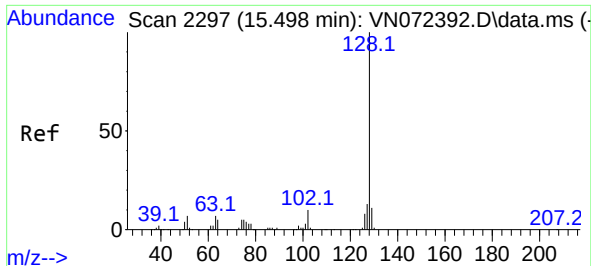
Tgt Ion: 75 Resp: 106304
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



#93
1,2,4-Trichlorobenzene
Concen: 0.261 ug/l
RT: 15.262 min Scan# 2257
Delta R.T. 0.005 min
Lab File: VN072444.D
Acq: 12 May 2022 11:29

Tgt Ion:180 Resp: 555
Ion Ratio Lower Upper
180 100
182 36.4 47.5 142.5#
145 11.5 14.5 43.5#

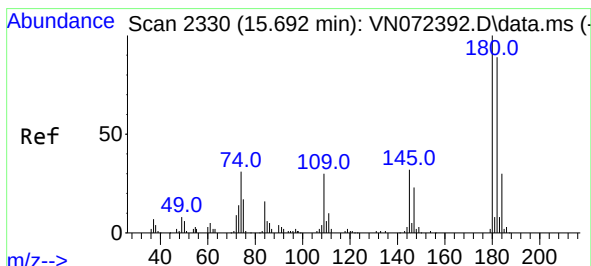
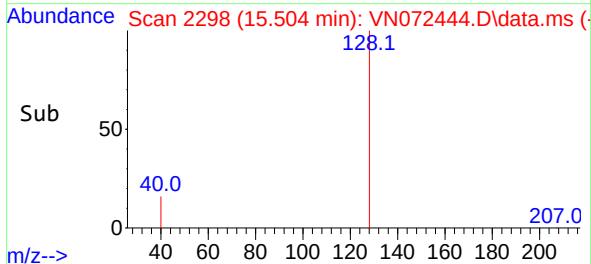
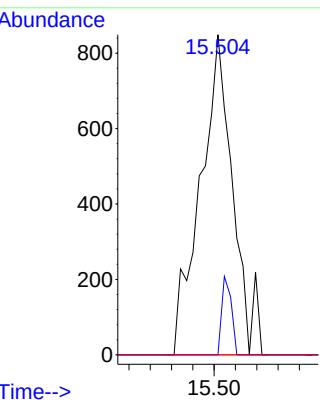
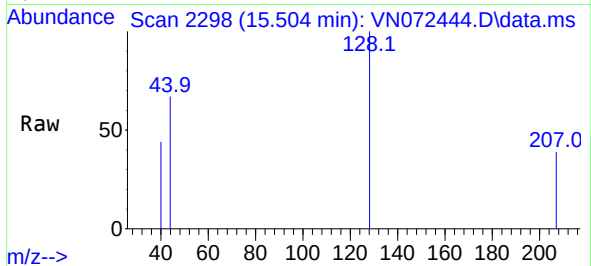




#95
Naphthalene
Concen: 3.391 ug/l
RT: 15.504 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN072444.D
Acq: 12 May 2022 11:29

Instrument :
MSVOA_N
ClientSampleId :
VN0512MBL01

Tgt Ion:128	Resp:	1798
Ion	Ratio	Lower Upper
128	100	
127	7.1	10.3 15.5#
129	0.0	8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 0.311 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN072444.D
Acq: 12 May 2022 11:29

Tgt Ion:180	Resp:	664
Ion	Ratio	Lower Upper
180	100	
182	76.7	47.8 143.3
145	0.0	15.5 46.5#

