

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051922\
 Data File : VN072561.D
 Acq On : 19 May 2022 17:39
 Operator : JC\MD
 Sample : N2965-03 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 30984

Quant Time: May 20 06:55:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051822W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 02:22:47 2022
 Response via : Initial Calibration

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

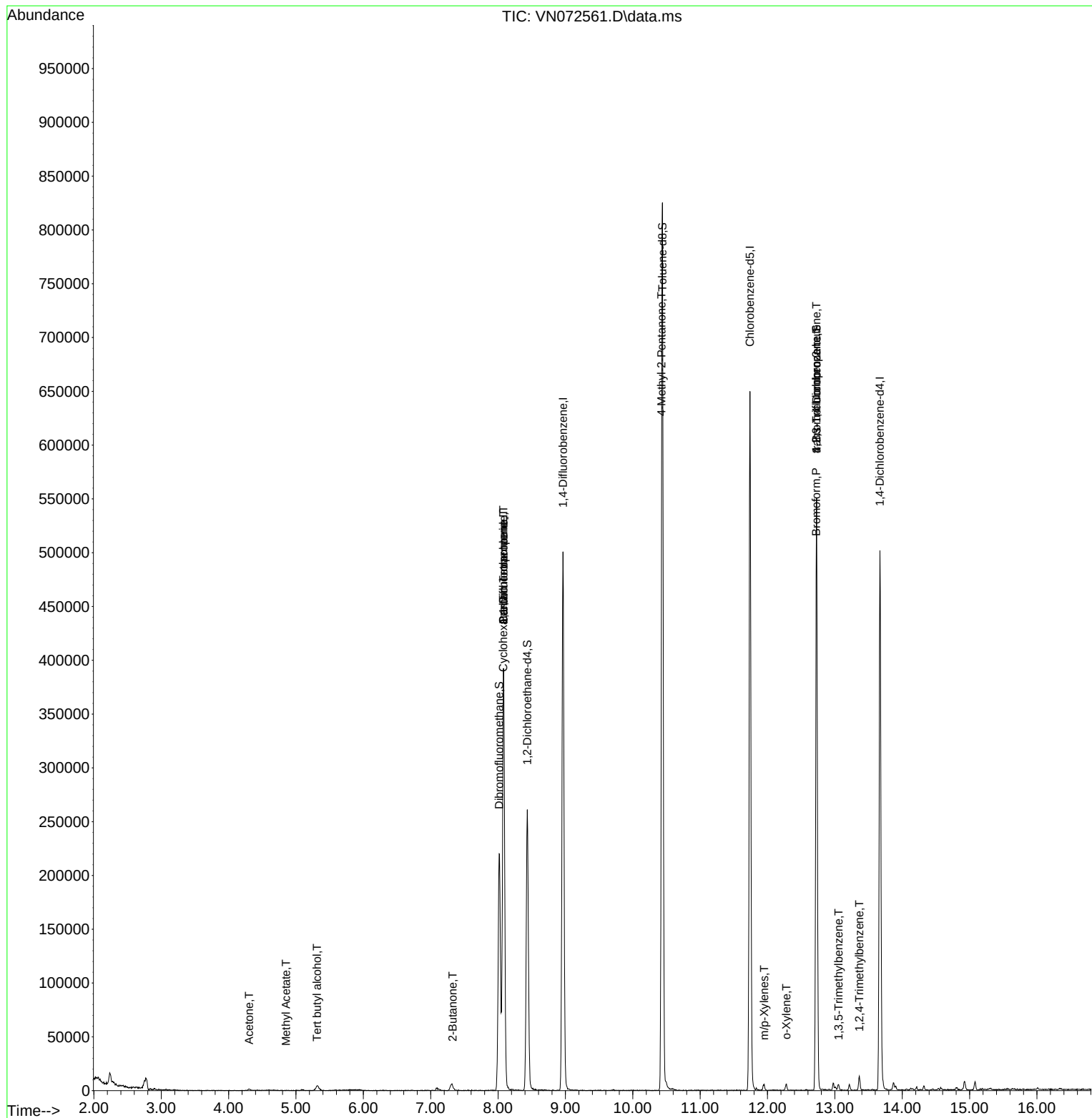
Internal Standards						
1) Pentafluorobenzene	8.081	168	284238	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	418745	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	361087	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	137661	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	238025	53.897	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 107.800%		
35) Dibromofluoromethane	8.016	113	157418	55.715	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 111.420%		
50) Toluene-d8	10.439	98	564551	52.787	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 105.580%		
62) 4-Bromofluorobenzene	12.727	95	179557	44.199	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 88.400%		
Target Compounds						
					Qvalue	
6) Chloroethane	2.928	64	83	Below Cal	#	42
11) Tert butyl alcohol	5.310	59	4186	10.362	ug/l #	72
16) Acetone	4.304	43	1358	1.014	ug/l #	42
18) Methyl Acetate	4.851	43	59	0.295	ug/l #	48
25) 2-Butanone	7.328	43	603	0.286	ug/l #	45
31) Cyclohexane	8.075	56	6865	1.399	ug/l #	30
36) 1,1-Dichloropropene	8.081	75	22865	5.944	ug/l #	50
38) Carbon Tetrachloride	8.081	117	30234	6.351	ug/l #	17
51) 4-Methyl-2-Pentanone	10.428	43	2641	0.589	ug/l #	1
68) m/p-Xylenes	11.951	106	1792	0.363	ug/l	80
69) o-Xylene	12.280	106	1923	0.383	ug/l	90
71) Bromoform	12.722	173	1086	0.475	ug/l #	28
76) 1,2,3-Trichloropropane	12.727	75	105092	25.271	ug/l #	1
80) 1,3,5-Trimethylbenzene	13.057	105	3076	0.312	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.727	75	105092	105.353	ug/l #	10
84) 1,2,4-Trimethylbenzene	13.363	105	7564	0.799	ug/l	94

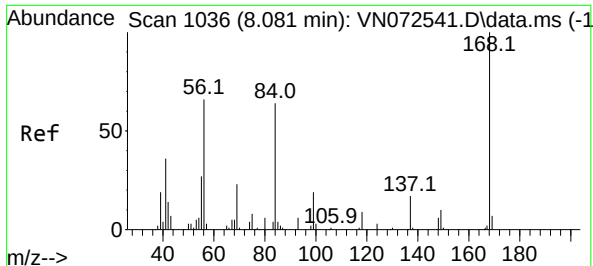
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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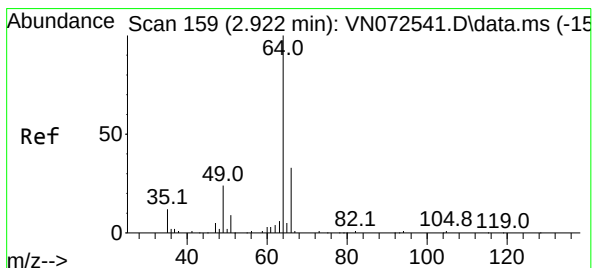
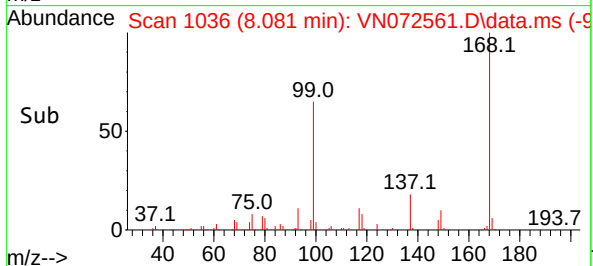
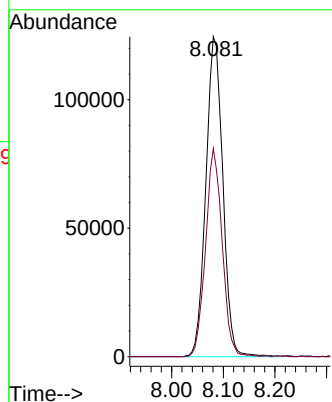
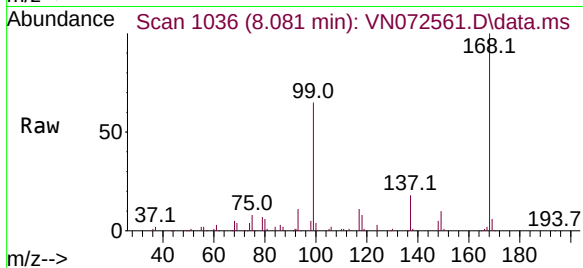




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072561.D
Acq: 19 May 2022 17:39

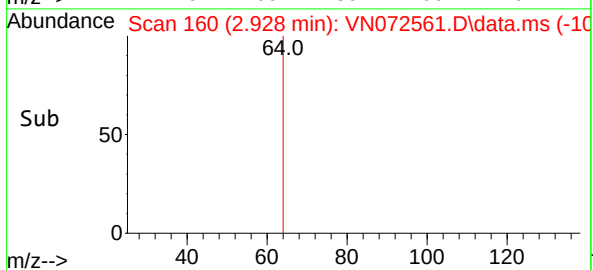
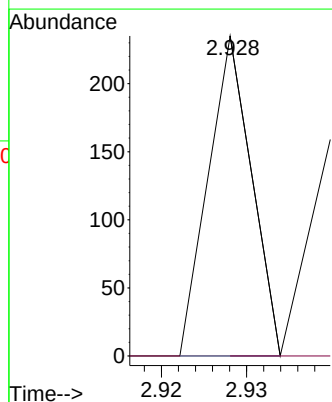
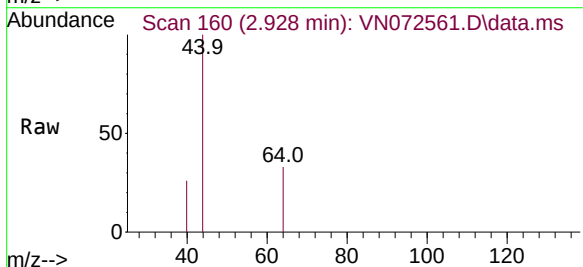
Instrument :
MSVOA_N
ClientSampleId :
30984

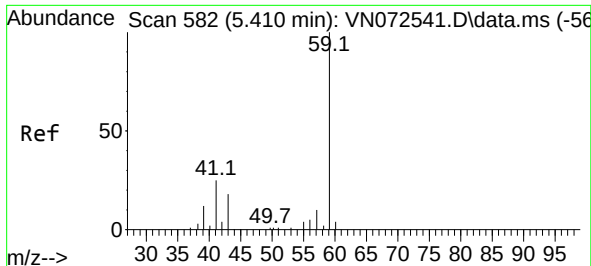
Tgt Ion:168 Resp: 284238
Ion Ratio Lower Upper
168 100
99 65.0 42.3 63.5#



#6
Chloroethane
Concen: Below Cal
RT: 2.928 min Scan# 160
Delta R.T. 0.006 min
Lab File: VN072561.D
Acq: 19 May 2022 17:39

Tgt Ion: 64 Resp: 83
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#

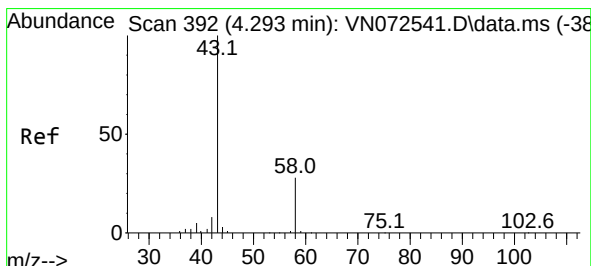
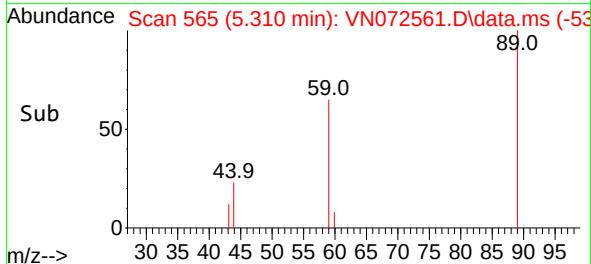
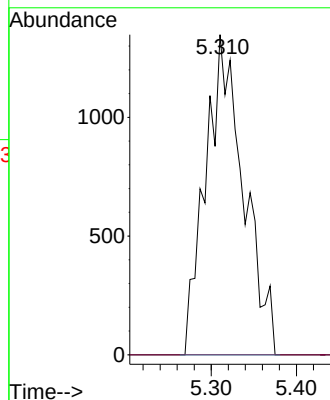
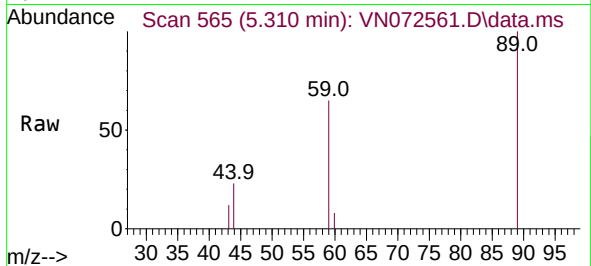




#11
Tert butyl alcohol
Concen: 10.362 ug/l
RT: 5.310 min Scan# 50
Delta R.T. -0.100 min
Lab File: VN072561.D
Acq: 19 May 2022 17:39

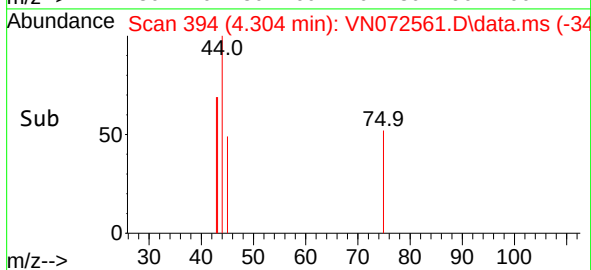
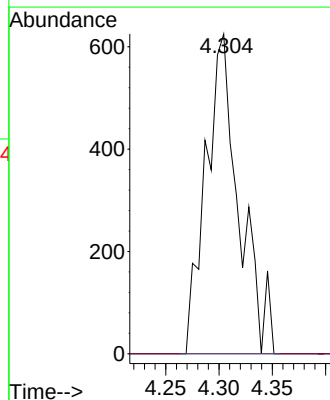
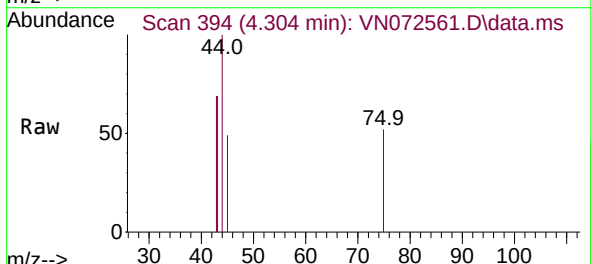
Instrument :
MSVOA_N
ClientSampleId :
30984

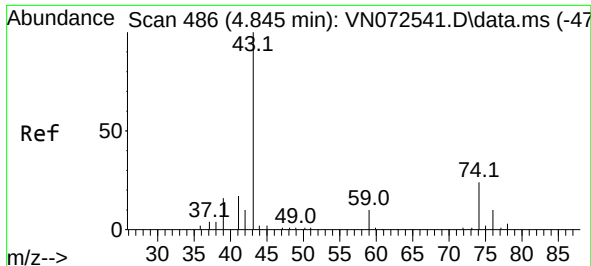
Tgt Ion: 59 Resp: 4186
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#16
Acetone
Concen: 1.014 ug/l
RT: 4.304 min Scan# 394
Delta R.T. 0.011 min
Lab File: VN072561.D
Acq: 19 May 2022 17:39

Tgt Ion: 43 Resp: 1358
Ion Ratio Lower Upper
43 100
58 0.0 26.0 39.0#





#18

Methyl Acetate

Concen: 0.295 ug/l

RT: 4.851 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN072561.D

Acq: 19 May 2022 17:39

Instrument :

MSVOA_N

ClientSampleId :

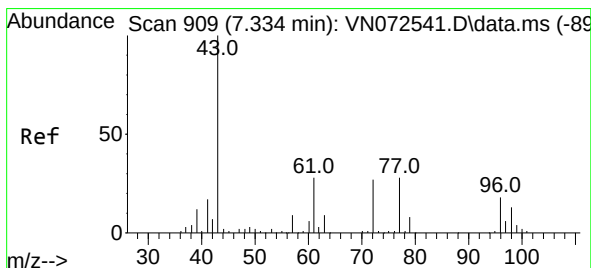
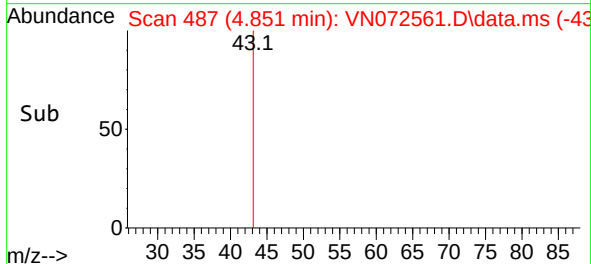
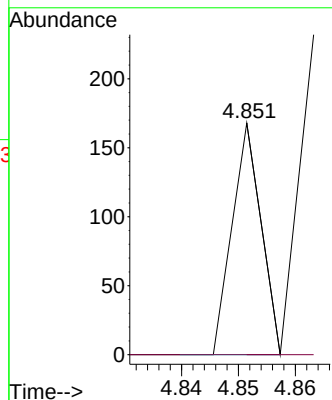
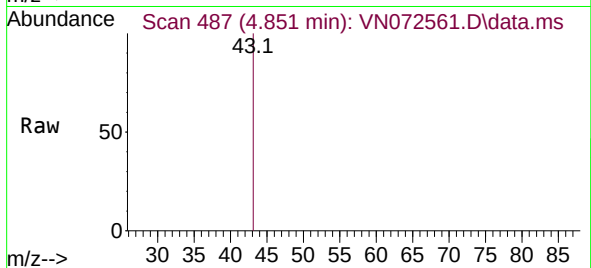
30984

Tgt Ion: 43 Resp: 59

Ion Ratio Lower Upper

43 100

74 0.0 21.6 32.4#



#25

2-Butanone

Concen: 0.286 ug/l

RT: 7.328 min Scan# 908

Delta R.T. -0.006 min

Lab File: VN072561.D

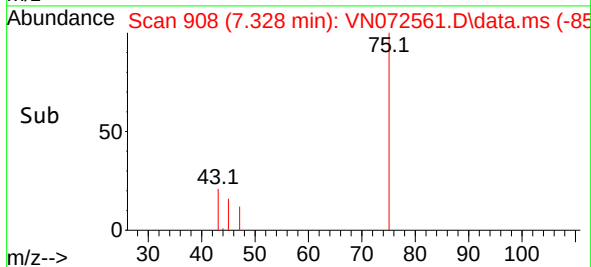
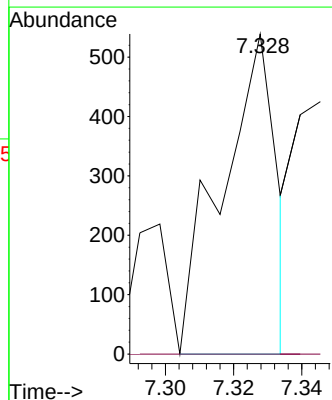
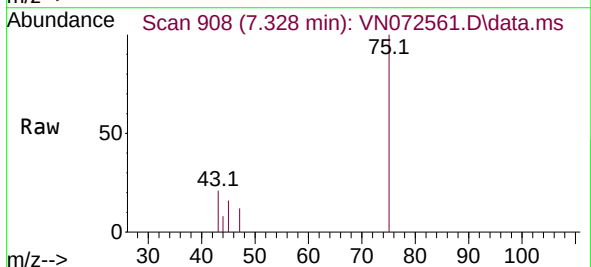
Acq: 19 May 2022 17:39

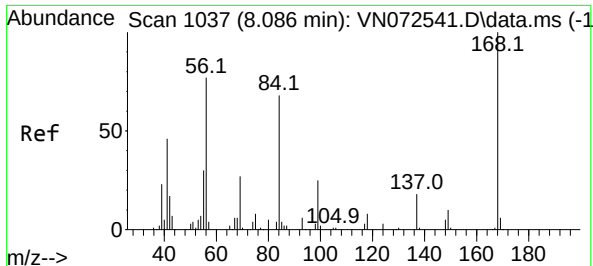
Tgt Ion: 43 Resp: 603

Ion Ratio Lower Upper

43 100

72 0.0 23.7 35.5#

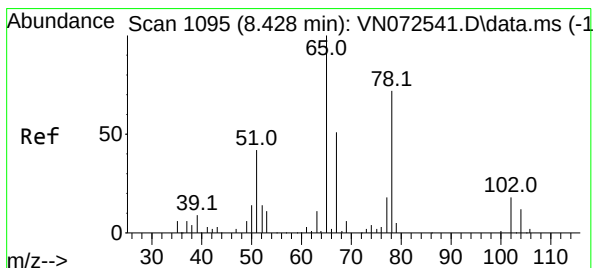
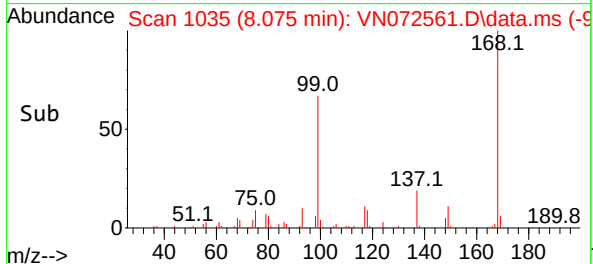
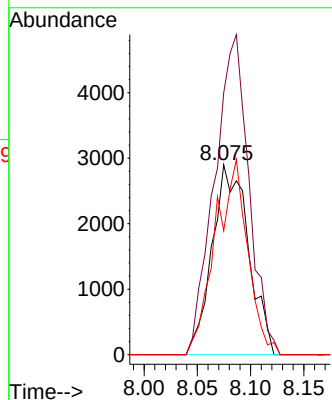
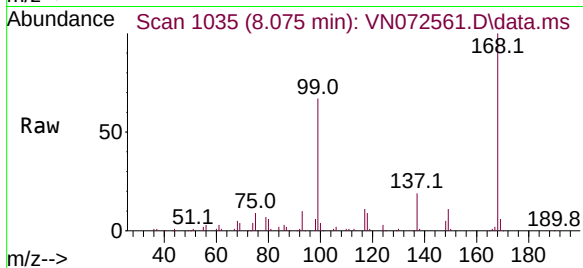




#31
Cyclohexane
Concen: 1.399 ug/l
RT: 8.075 min Scan# 1035
Delta R.T. -0.011 min
Lab File: VN072561.D
Acq: 19 May 2022 17:39

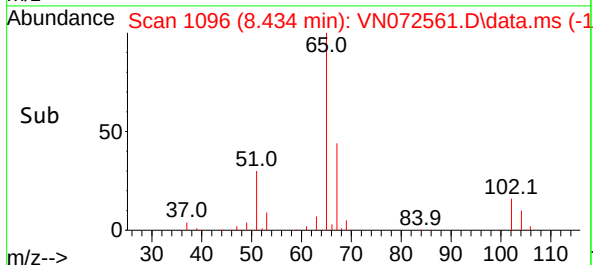
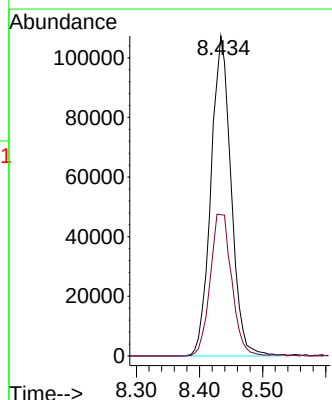
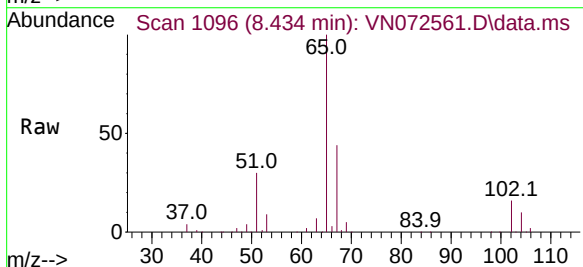
Instrument :
MSVOA_N
ClientSampleId :
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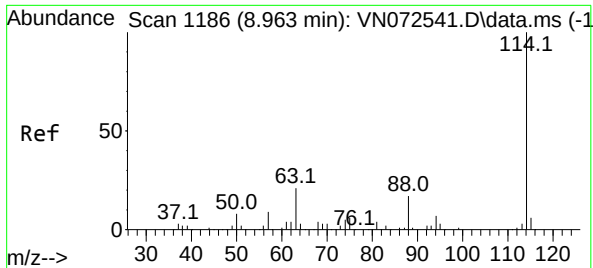
Tgt Ion: 56 Resp: 6865
Ion Ratio Lower Upper
56 100
69 137.9 27.8 41.8#
84 65.3 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 53.897 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. 0.006 min
Lab File: VN072561.D
Acq: 19 May 2022 17:39

Tgt Ion: 65 Resp: 238025
Ion Ratio Lower Upper
65 100
67 47.4 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: VN072561.D

Acq: 19 May 2022 17:39

Instrument :

MSVOA_N

ClientSampleId :

30984

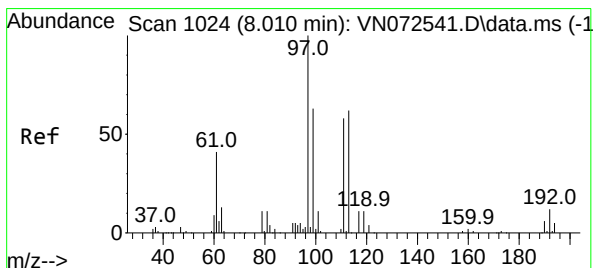
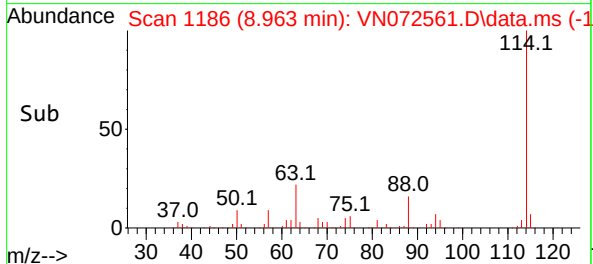
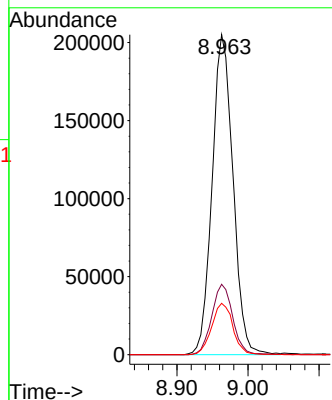
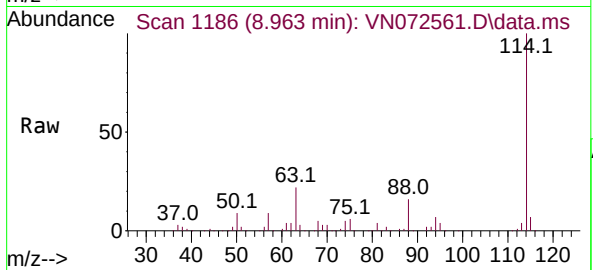
Tgt Ion:114 Resp: 418745

Ion Ratio Lower Upper

114 100

63 22.0 0.0 40.0

88 16.1 0.0 32.6



#35

Dibromofluoromethane

Concen: 55.715 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. 0.006 min

Lab File: VN072561.D

Acq: 19 May 2022 17:39

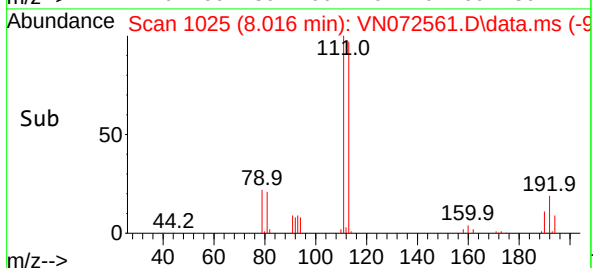
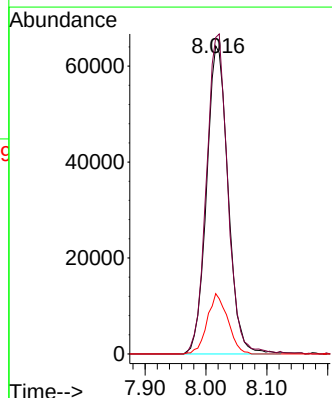
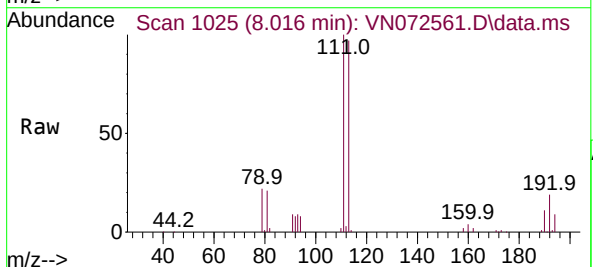
Tgt Ion:113 Resp: 157418

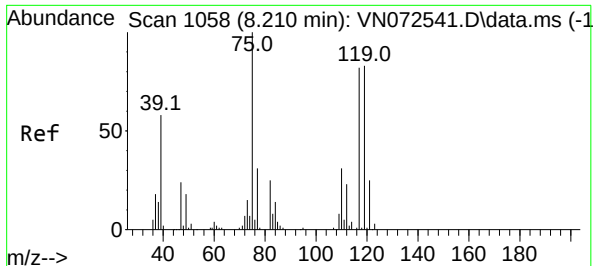
Ion Ratio Lower Upper

113 100

111 103.6 81.4 122.0

192 18.7 17.0 25.6





#36

1,1-Dichloropropene

Concen: 5.944 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.129 min

Lab File: VN072561.D

Acq: 19 May 2022 17:39

Instrument :

MSVOA_N

ClientSampleId :

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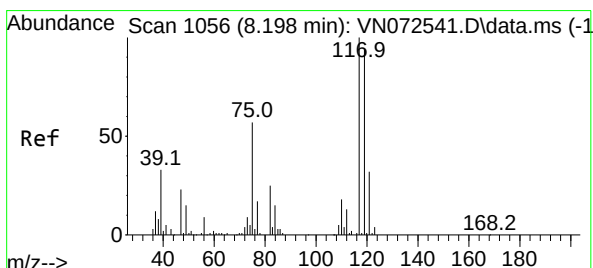
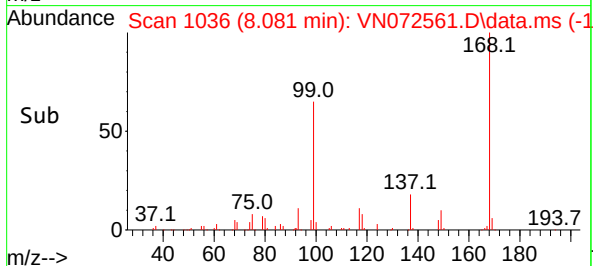
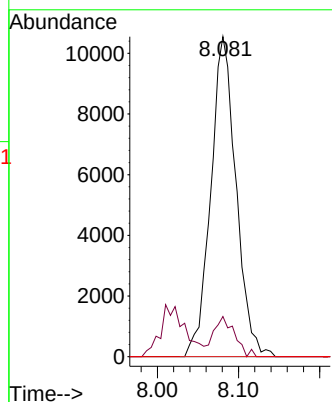
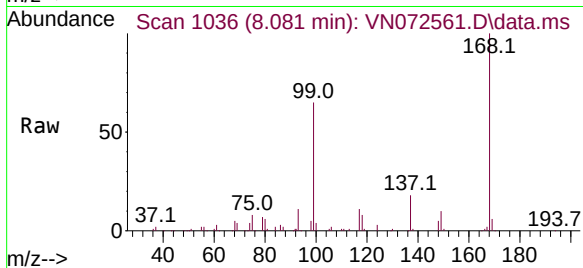
Tgt Ion: 75 Resp: 22865

Ion Ratio Lower Upper

75 100

110 10.4 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 6.351 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.117 min

Lab File: VN072561.D

Acq: 19 May 2022 17:39

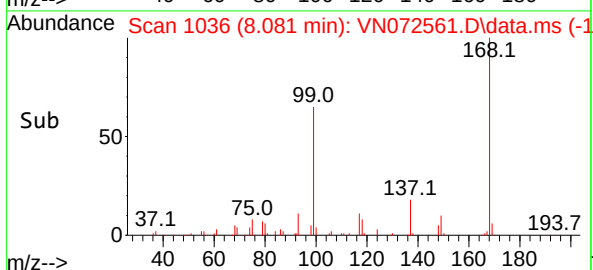
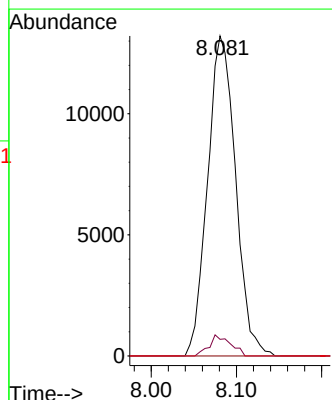
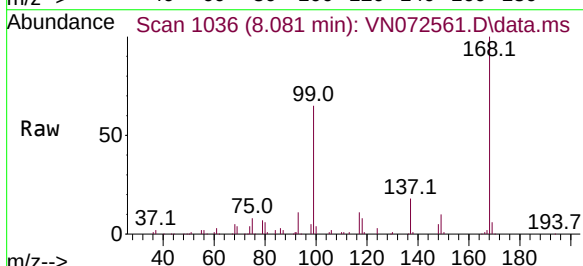
Tgt Ion: 117 Resp: 30234

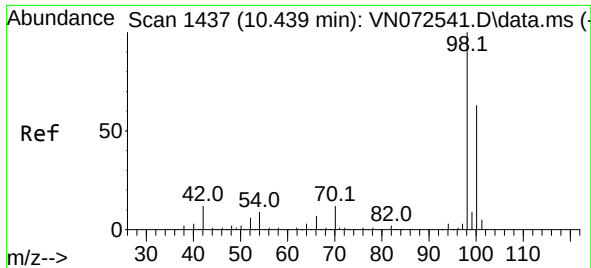
Ion Ratio Lower Upper

117 100

119 5.2 75.8 113.8#

121 0.0 24.6 37.0#

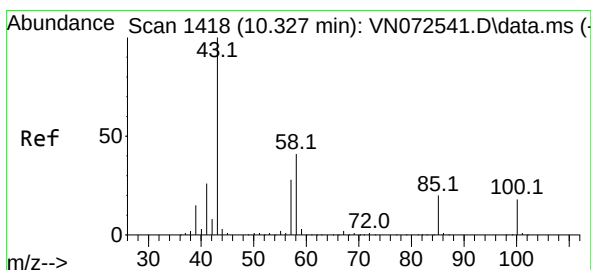
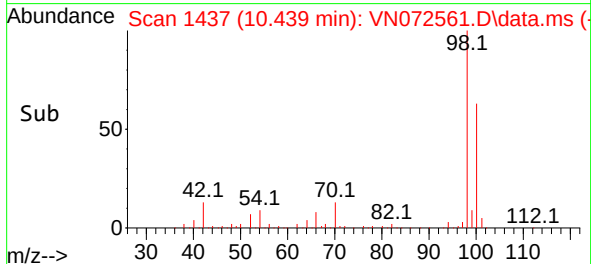
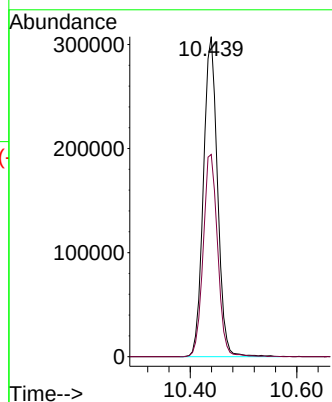
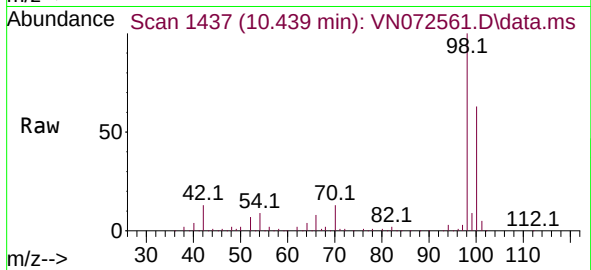




#50
Toluene-d8
Concen: 52.787 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072561.D
Acq: 19 May 2022 17:39

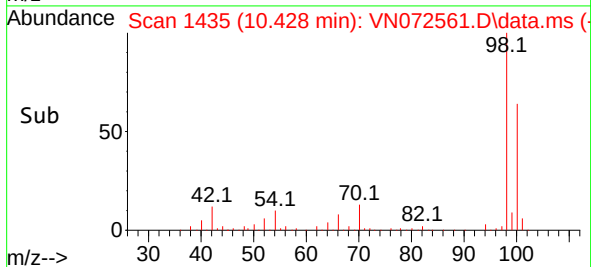
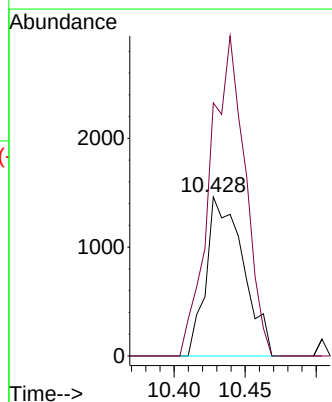
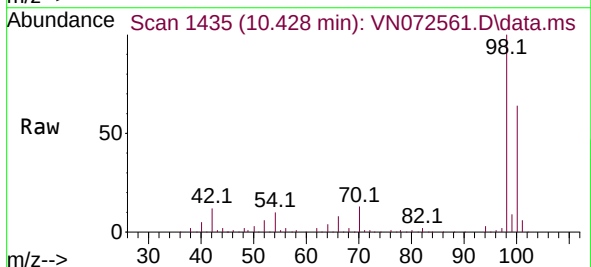
Instrument :
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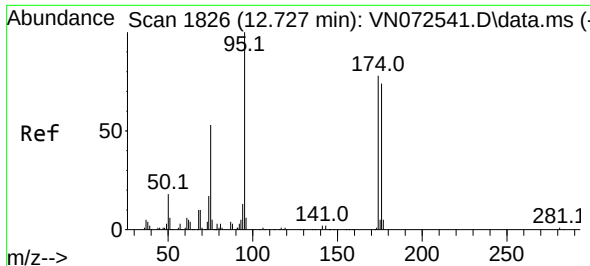
Tgt Ion: 98 Resp: 564551
Ion Ratio Lower Upper
98 100
100 64.7 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.589 ug/l
RT: 10.428 min Scan# 1435
Delta R.T. 0.101 min
Lab File: VN072561.D
Acq: 19 May 2022 17:39

Tgt Ion: 43 Resp: 2641
Ion Ratio Lower Upper
43 100
58 191.0 34.1 51.1#

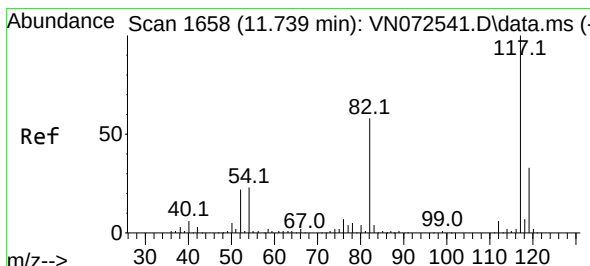
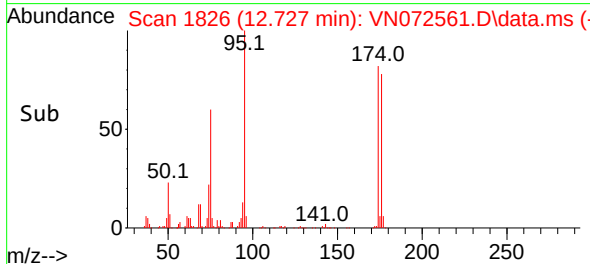
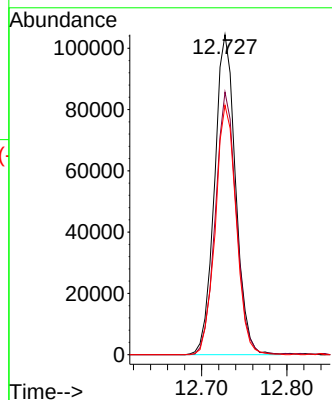
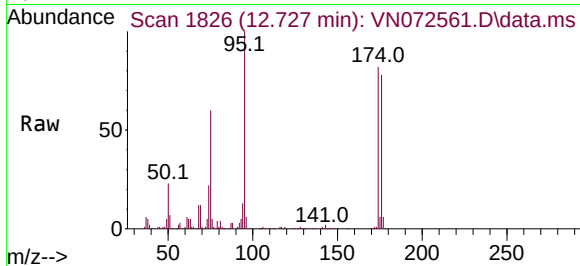




#62
4-Bromofluorobenzene
Concen: 44.199 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072561.D
Acq: 19 May 2022 17:39

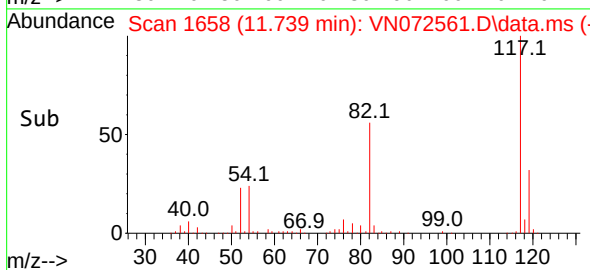
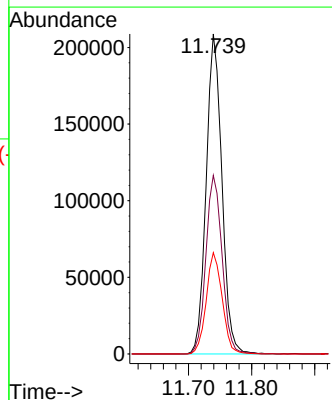
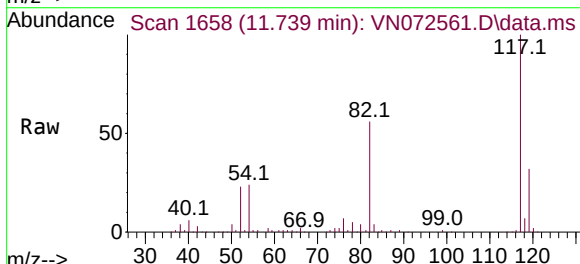
Instrument :
MSVOA_N
ClientSampleId :
30984

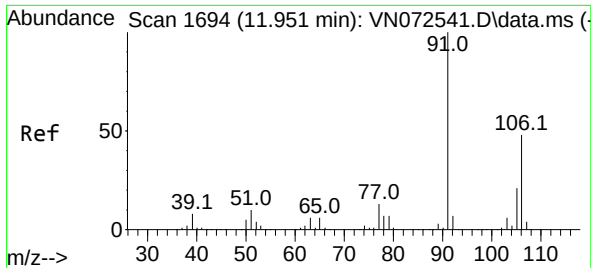
Tgt Ion: 95 Resp: 179557
Ion Ratio Lower Upper
95 100
174 81.2 0.0 167.6
176 77.1 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072561.D
Acq: 19 May 2022 17:39

Tgt Ion: 117 Resp: 361087
Ion Ratio Lower Upper
117 100
82 55.8 44.2 66.2
119 31.6 25.4 38.0

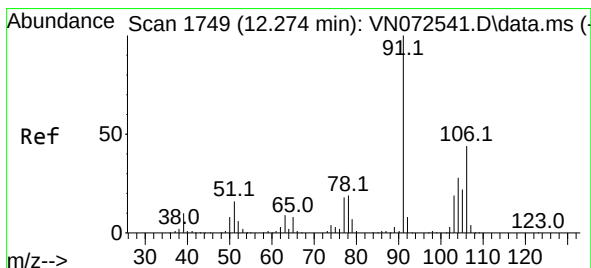
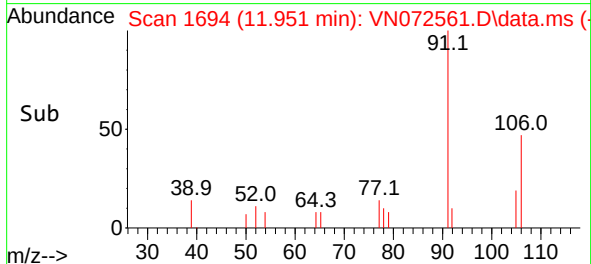
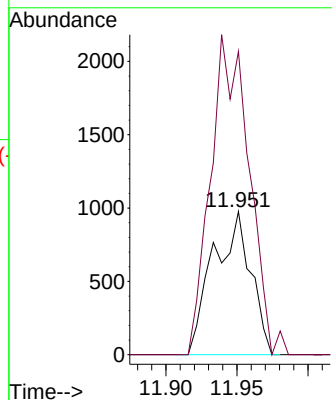
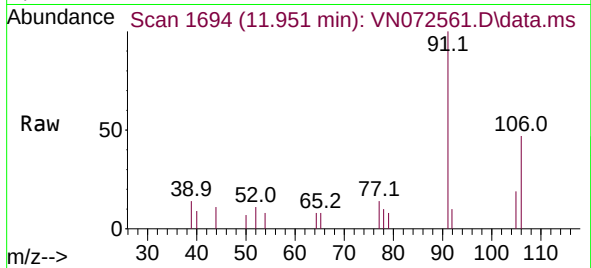




#68
m/p-Xylenes
Concen: 0.363 ug/l
RT: 11.951 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VN072561.D
Acq: 19 May 2022 17:39

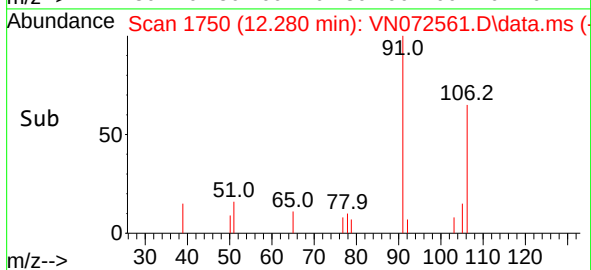
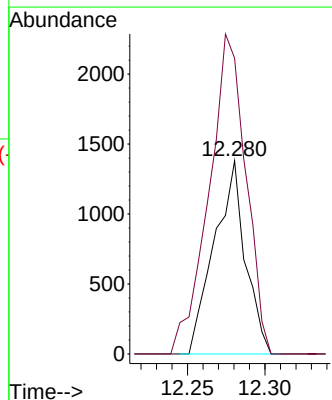
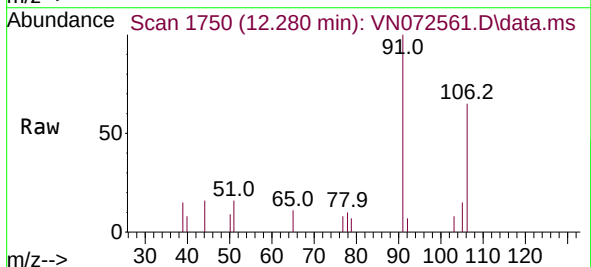
Instrument :
MSVOA_N
ClientSampleId :
30984

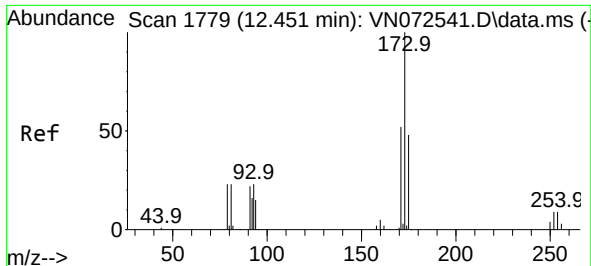
Tgt Ion:106 Resp: 1792
Ion Ratio Lower Upper
106 100
91 228.8 158.9 238.3



#69
o-Xylene
Concen: 0.383 ug/l
RT: 12.280 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VN072561.D
Acq: 19 May 2022 17:39

Tgt Ion:106 Resp: 1923
Ion Ratio Lower Upper
106 100
91 196.3 106.0 318.0

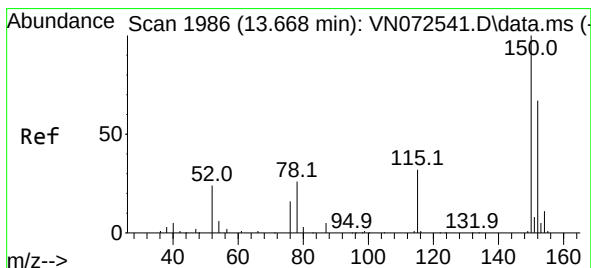
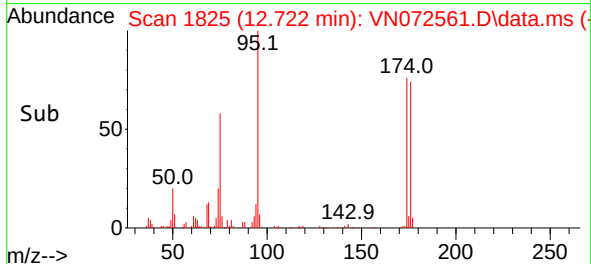
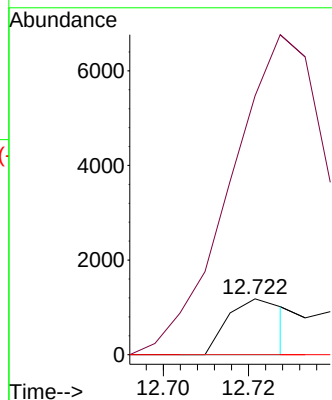
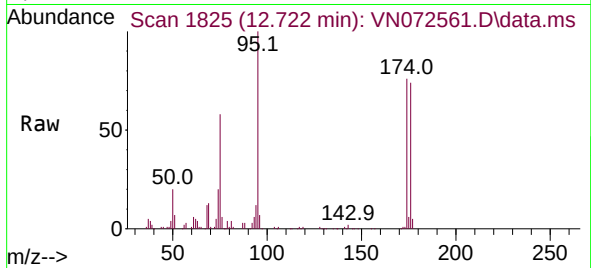




#71
Bromoform
Concen: 0.475 ug/l
RT: 12.722 min Scan# 11
Delta R.T. 0.271 min
Lab File: VN072561.D
Acq: 19 May 2022 17:39

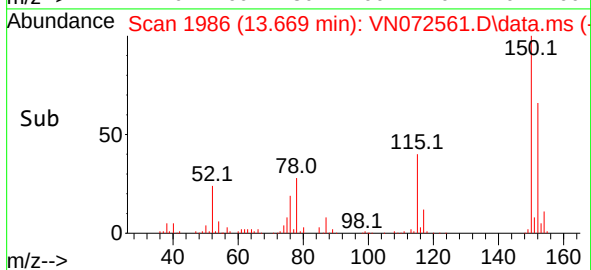
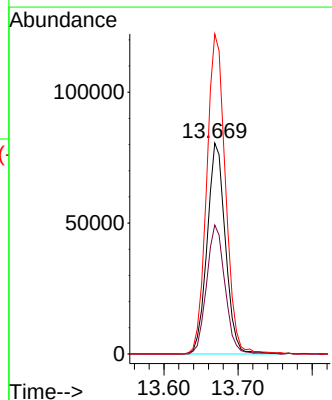
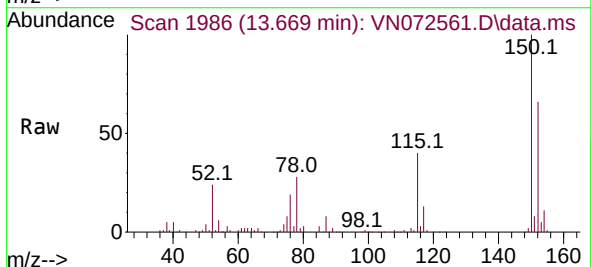
Instrument :
MSVOA_N
ClientSampleId :
30984

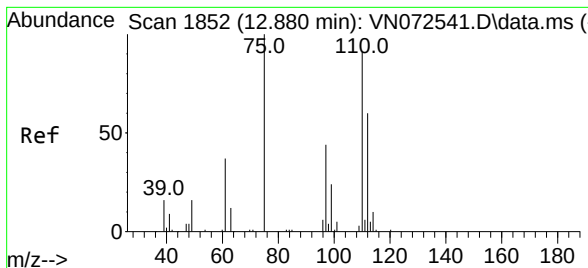
Tgt Ion:173 Resp: 1086
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.6#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. 0.001 min
Lab File: VN072561.D
Acq: 19 May 2022 17:39

Tgt Ion:152 Resp: 137661
Ion Ratio Lower Upper
152 100
115 61.6 28.9 86.7
150 156.0 0.0 356.2

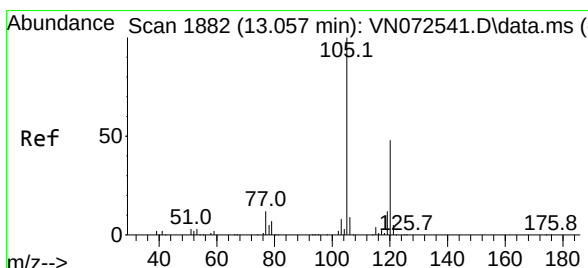
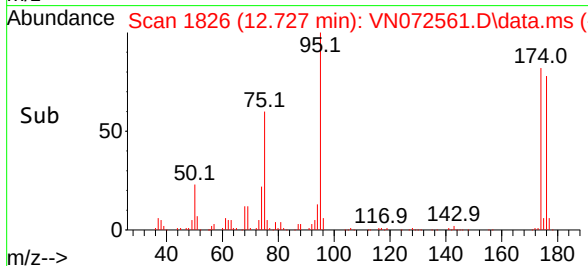
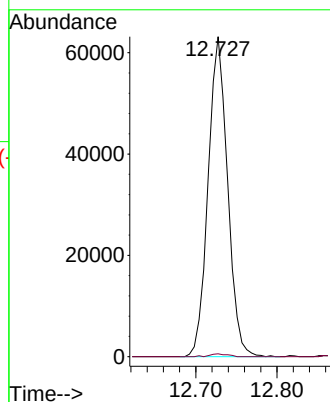
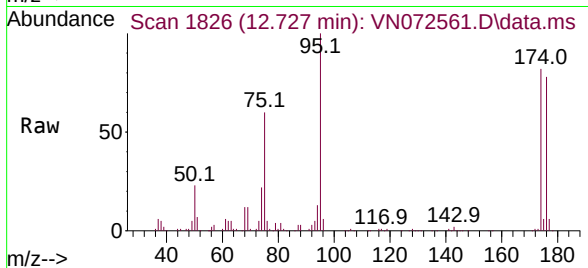




#76
1,2,3-Trichloropropane
Concen: 25.271 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.153 min
Lab File: VN072561.D
Acq: 19 May 2022 17:39

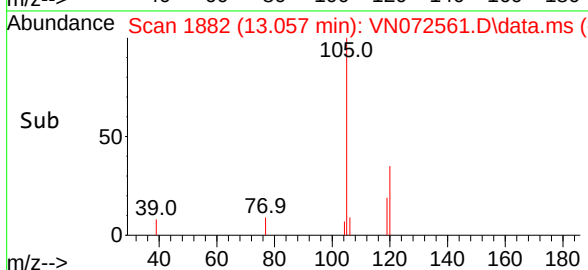
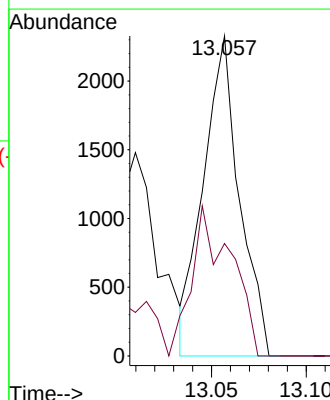
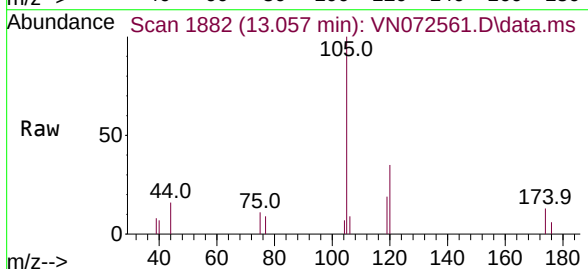
Instrument :
MSVOA_N
ClientSampleId :
30984

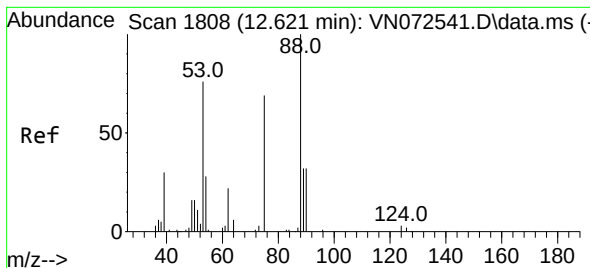
Tgt Ion: 75 Resp: 105092
Ion Ratio Lower Upper
75 100
77 0.8 98.5 295.5#



#80
1,3,5-Trimethylbenzene
Concen: 0.312 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VN072561.D
Acq: 19 May 2022 17:39

Tgt Ion:105 Resp: 3076
Ion Ratio Lower Upper
105 100
120 51.4 24.9 74.7

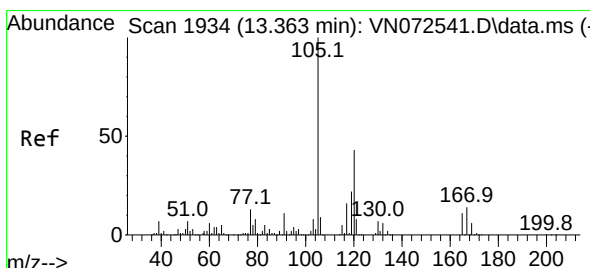
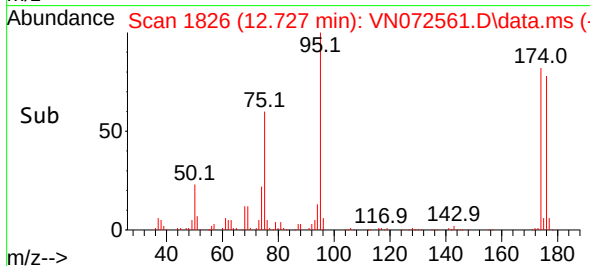
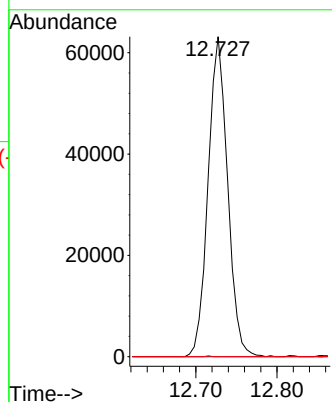
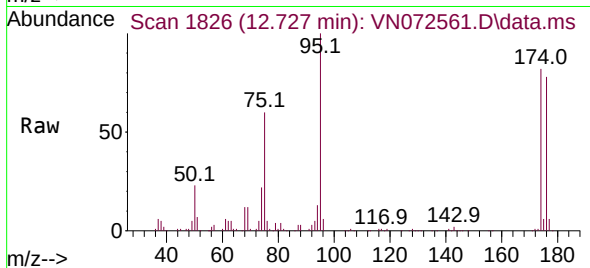




#81
trans-1,4-Dichloro-2-butene
Concen: 105.353 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.106 min
Lab File: VN072561.D
Acq: 19 May 2022 17:39

Instrument :
MSVOA_N
ClientSampleId :
30984

Tgt Ion: 75 Resp: 105092
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.1 37.2 55.8#



#84
1,2,4-Trimethylbenzene
Concen: 0.799 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072561.D
Acq: 19 May 2022 17:39

Tgt Ion: 105 Resp: 7564
Ion Ratio Lower Upper
105 100
120 42.5 23.3 69.8

