

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112522\
 Data File : VN075433.D
 Acq On : 25 Nov 2022 20:05
 Operator : JC\MD
 Sample : N5757-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 28 03:39:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

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

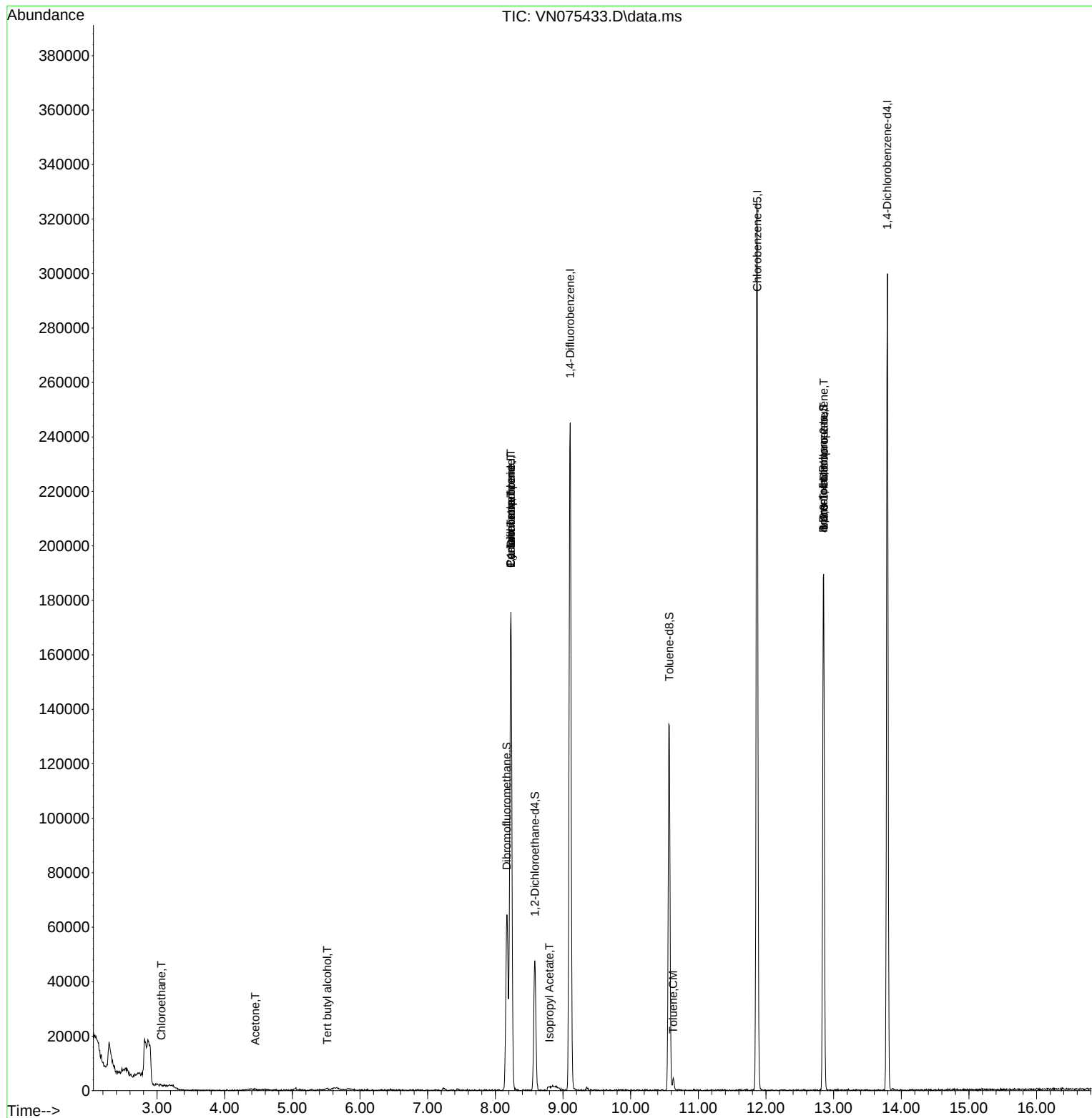
Internal Standards						
1) Pentafluorobenzene	8.230	168	136840	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	234976	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	200354	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	83865	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	39386	53.620	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 107.240%		
35) Dibromofluoromethane	8.171	113	47853	51.842	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 103.680%		
50) Toluene-d8	10.571	98	98961	47.600	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 95.200%		
62) 4-Bromofluorobenzene	12.847	95	68150	44.411	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 88.820%		
Target Compounds						
					Qvalue	
6) Chloroethane	3.065	64	656	0.528	ug/l #	45
11) Tert butyl alcohol	5.518	59	119	0.386	ug/l #	72
16) Acetone	4.453	43	300	0.438	ug/l #	43
18) Methyl Acetate	5.047	43	1437	Below Cal	#	77
20) Methylene Chloride	5.283	84	54	Below Cal	#	7
31) Cyclohexane	8.230	56	2181	0.935	ug/l #	9
36) 1,1-Dichloropropene	8.230	75	9763	4.850	ug/l #	50
38) Carbon Tetrachloride	8.230	117	13615	6.157	ug/l #	15
43) Isopropyl Acetate	8.800	43	1136	0.390	ug/l #	53
52) Toluene	10.629	92	2239	0.564	ug/l	93
71) Bromoform	12.847	173	261	0.222	ug/l #	28
76) 1,2,3-Trichloropropane	12.853	75	34226	21.585	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	34226	63.864	ug/l #	10

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

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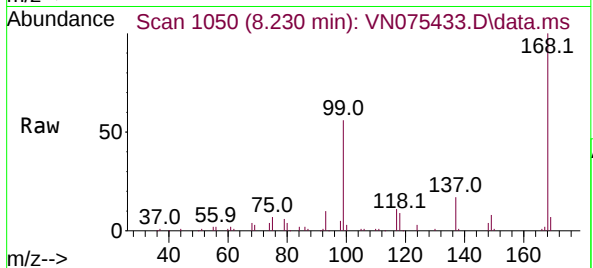
Quant Time: Nov 28 03:39:24 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 23 00:18:03 2022
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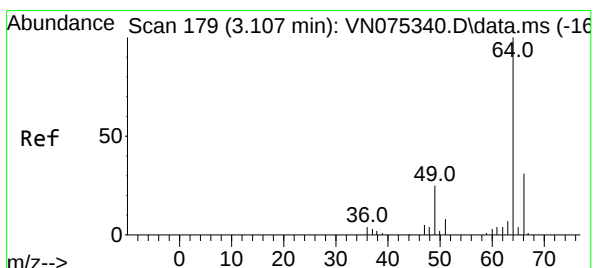
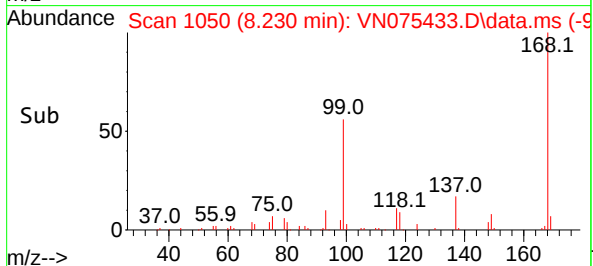
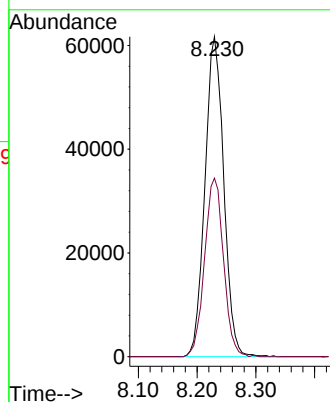


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN075433.D
Acq: 25 Nov 2022 20:05

Instrument :
MSVOA_N
ClientSampleId :

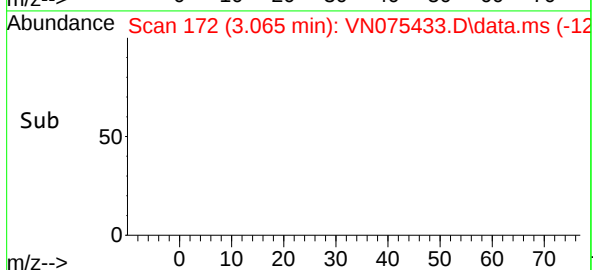
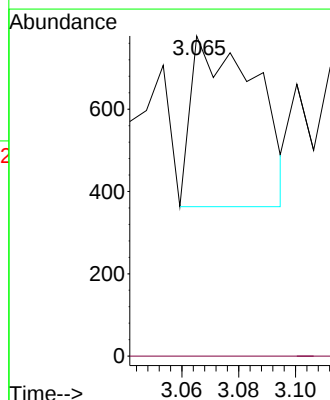
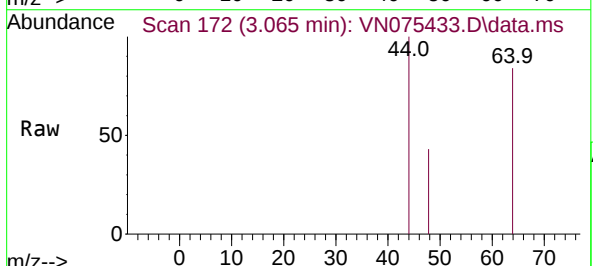


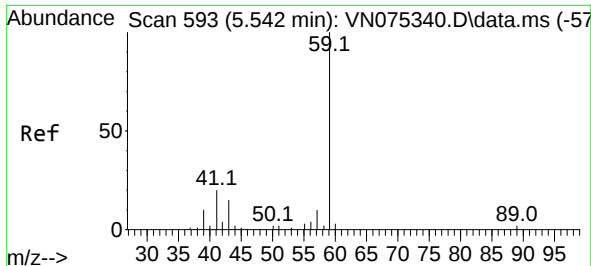
Tgt Ion:168 Resp: 136840
Ion Ratio Lower Upper
168 100
99 55.8 51.6 77.4



#6
Chloroethane
Concen: 0.528 ug/l
RT: 3.065 min Scan# 172
Delta R.T. -0.042 min
Lab File: VN075433.D
Acq: 25 Nov 2022 20:05

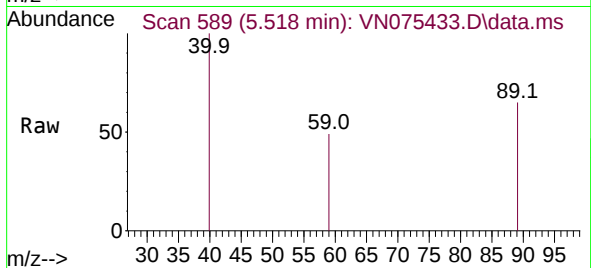
Tgt Ion: 64 Resp: 656
Ion Ratio Lower Upper
64 100
66 0.0 23.8 35.8#



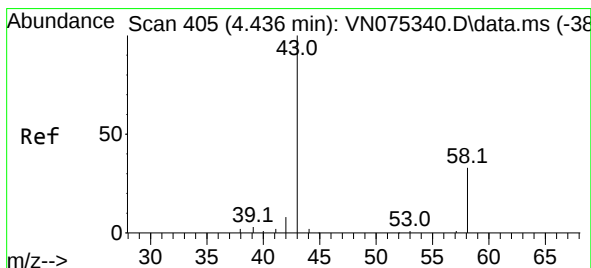
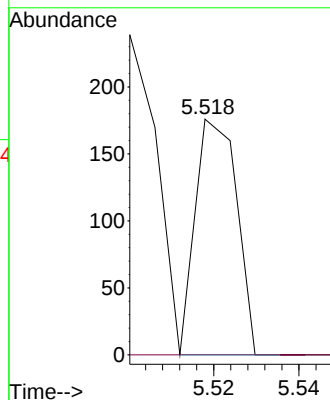
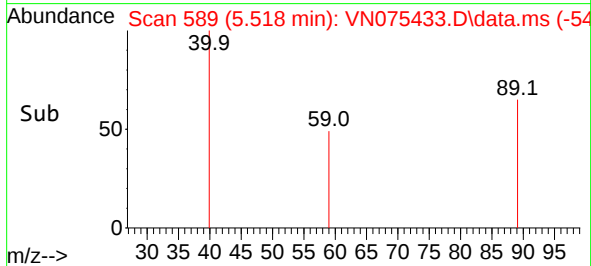


#11
Tert butyl alcohol
Concen: 0.386 ug/l
RT: 5.518 min Scan# 51
Delta R.T. -0.024 min
Lab File: VN075433.D
Acq: 25 Nov 2022 20:05

Instrument :
MSVOA_N
ClientSampleId :

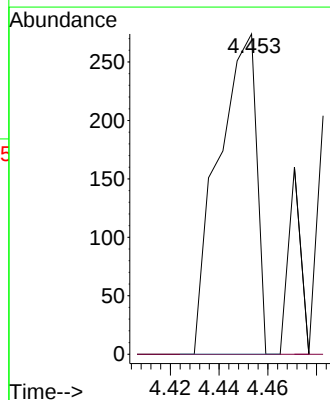
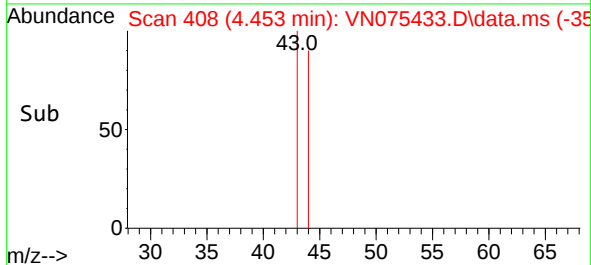
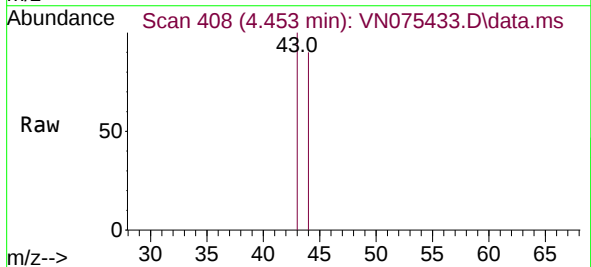


Tgt Ion: 59 Resp: 119
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



#16
Acetone
Concen: 0.438 ug/l
RT: 4.453 min Scan# 408
Delta R.T. 0.017 min
Lab File: VN075433.D
Acq: 25 Nov 2022 20:05

Tgt Ion: 43 Resp: 300
Ion Ratio Lower Upper
43 100
58 0.0 25.5 38.3#

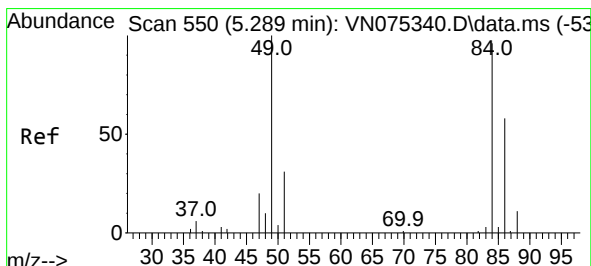
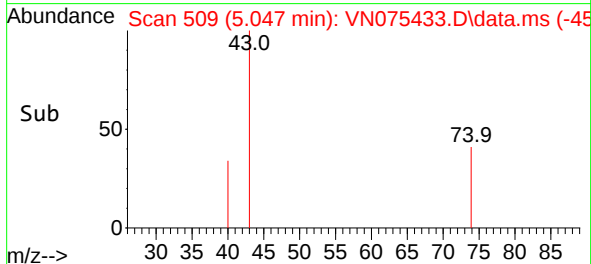
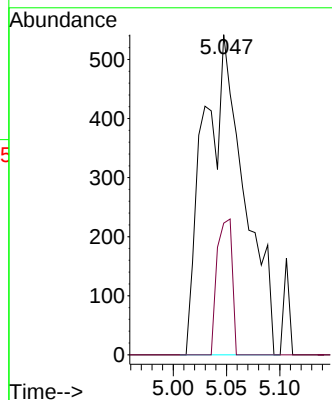
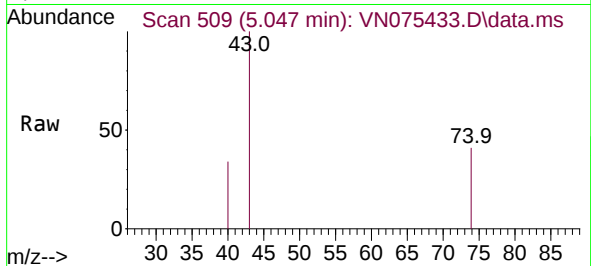




#18
Methyl Acetate
Concen: Below Cal
RT: 5.047 min Scan# 509
Delta R.T. 0.011 min
Lab File: VN075433.D
Acq: 25 Nov 2022 20:05

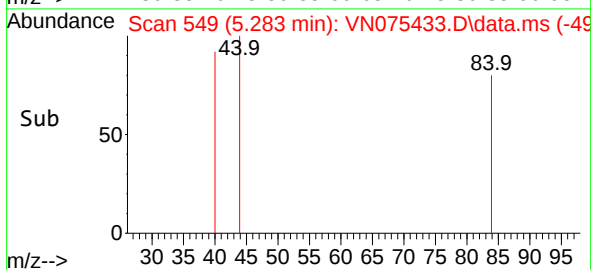
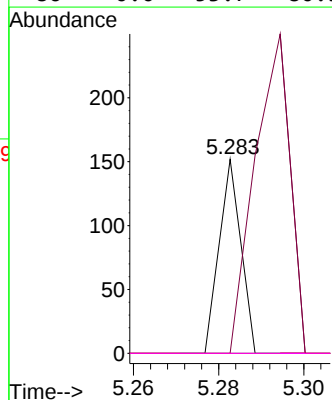
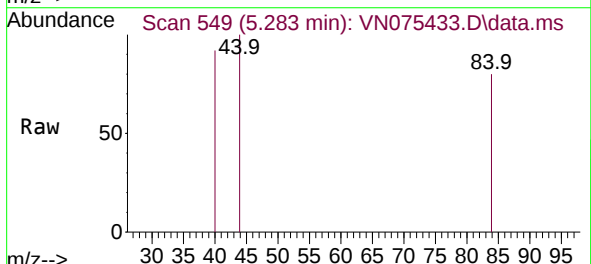
Instrument :
MSVOA_N
ClientSampleId :

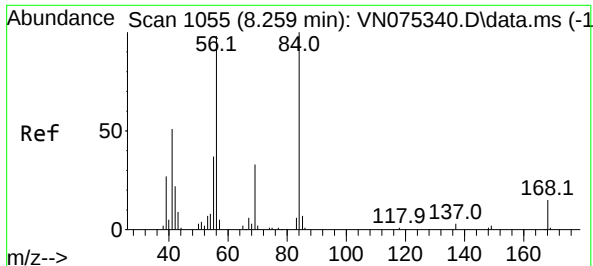
Tgt Ion: 43 Resp: 1437
Ion Ratio Lower Upper
43 100
74 15.6 22.0 33.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.283 min Scan# 549
Delta R.T. -0.006 min
Lab File: VN075433.D
Acq: 25 Nov 2022 20:05

Tgt Ion: 84 Resp: 54
Ion Ratio Lower Upper
84 100
49 0.0 94.9 142.3#
51 0.0 26.8 40.2#
86 0.0 53.7 80.5#





#31

Cyclohexane

Concen: 0.935 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.029 min

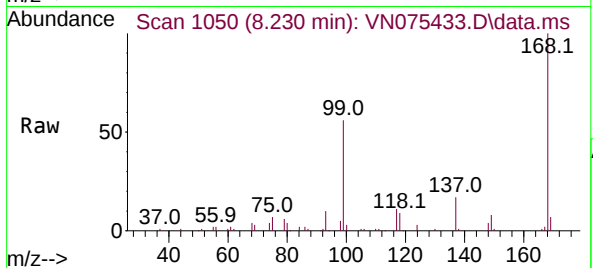
Lab File: VN075433.D

Acq: 25 Nov 2022 20:05

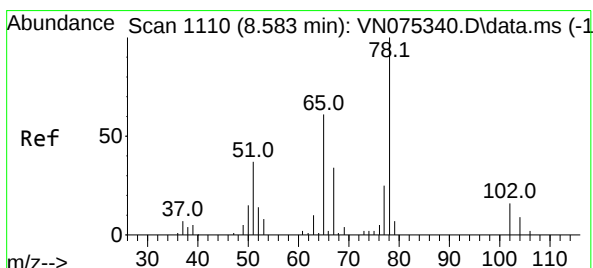
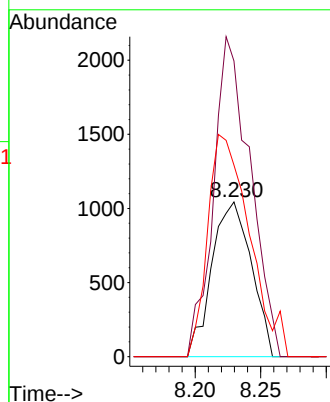
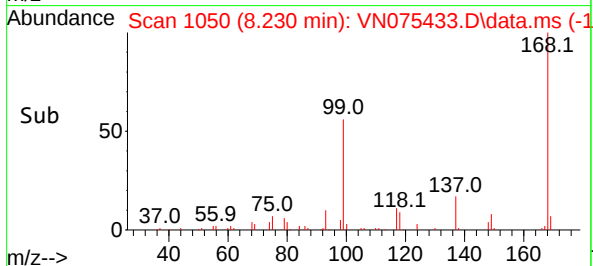
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	56	Resp:	2181
Ion Ratio	Lower	Upper	
56	100		
69	191.1	25.2	37.8#
84	123.8	77.8	116.8#



#33

1,2-Dichloroethane-d4

Concen: 53.620 ug/l

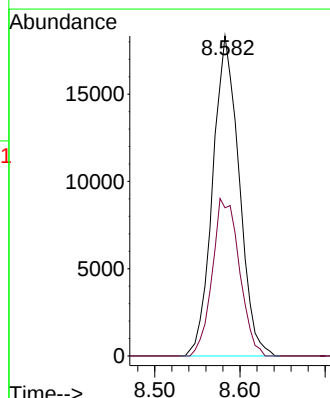
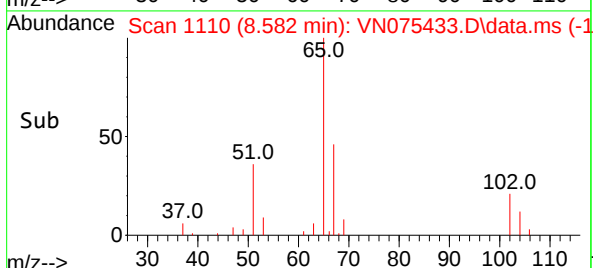
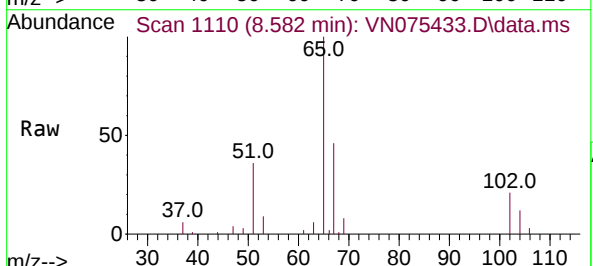
RT: 8.582 min Scan# 1110

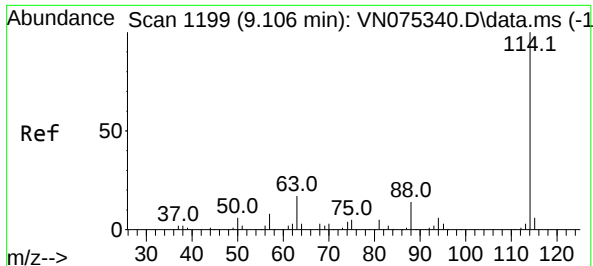
Delta R.T. -0.001 min

Lab File: VN075433.D

Acq: 25 Nov 2022 20:05

Tgt Ion:	65	Resp:	39386
Ion Ratio	Lower	Upper	
65	100		
67	50.5	0.0	102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075433.D

Acq: 25 Nov 2022 20:05

Instrument :

MSVOA_N

ClientSampleId :

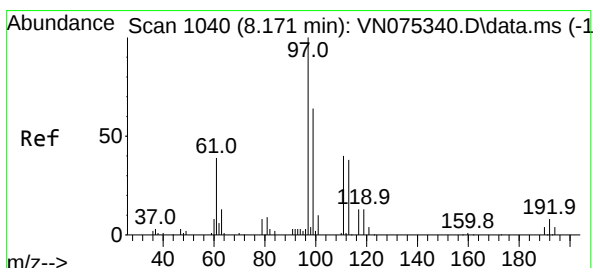
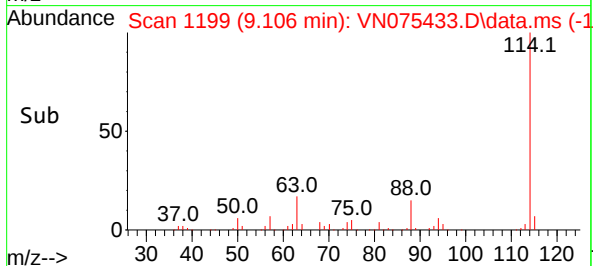
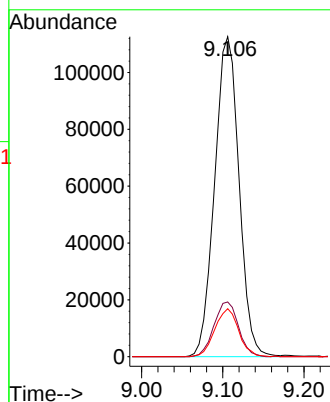
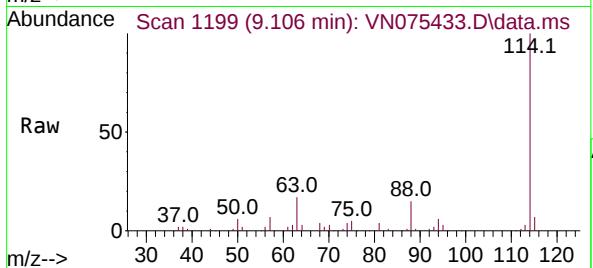
Tgt Ion:114 Resp: 234976

Ion Ratio Lower Upper

114 100

63 17.1 0.0 39.6

88 15.0 0.0 29.0



#35

Dibromofluoromethane

Concen: 51.842 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075433.D

Acq: 25 Nov 2022 20:05

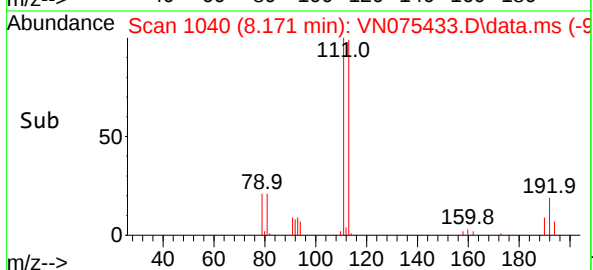
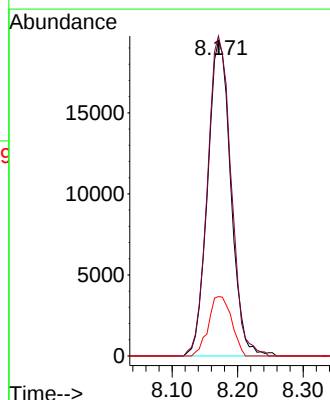
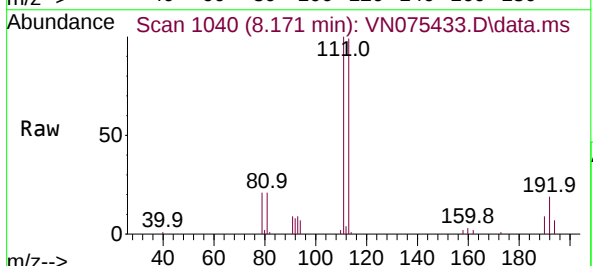
Tgt Ion:113 Resp: 47853

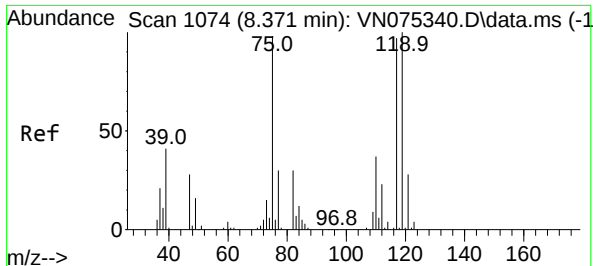
Ion Ratio Lower Upper

113 100

111 103.4 80.5 120.7

192 18.7 13.2 19.8





#36

1,1-Dichloropropene

Concen: 4.850 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.141 min

Lab File: VN075433.D

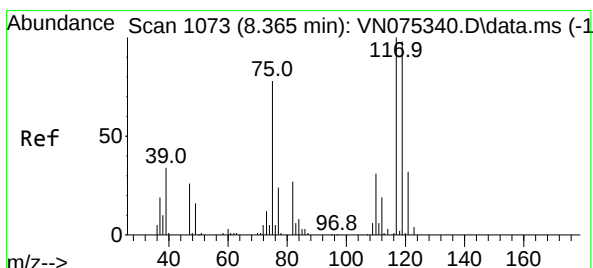
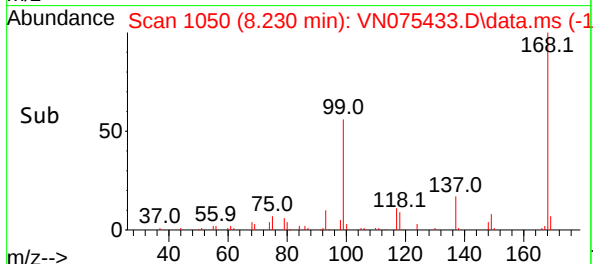
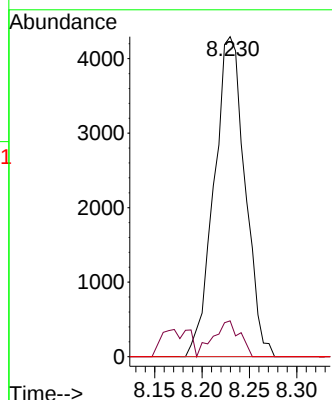
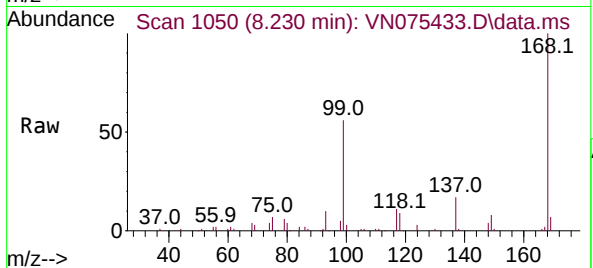
Acq: 25 Nov 2022 20:05

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 75	Resp: 9763
Ion Ratio	Lower Upper
75	100
110	9.5 17.8 53.3#
77	0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 6.157 ug/l

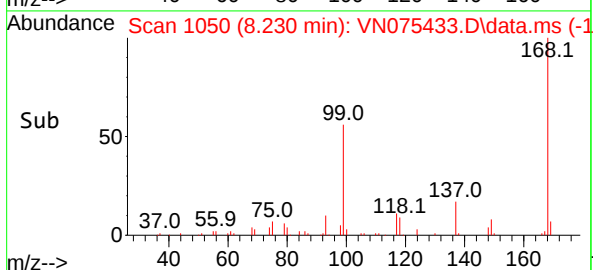
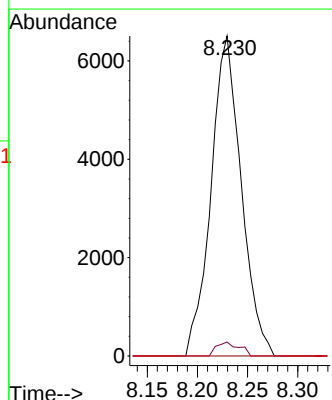
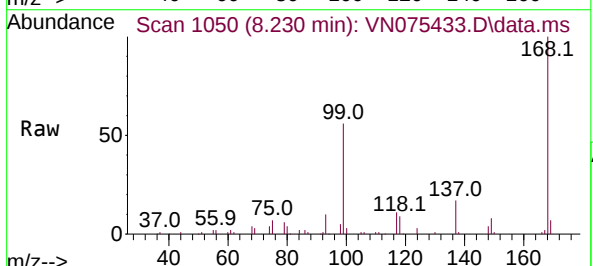
RT: 8.230 min Scan# 1050

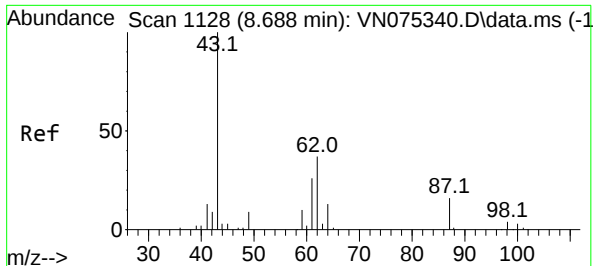
Delta R.T. -0.135 min

Lab File: VN075433.D

Acq: 25 Nov 2022 20:05

Tgt Ion: 117	Resp: 13615
Ion Ratio	Lower Upper
117	100
119	4.3 76.7 115.1#
121	0.0 23.9 35.9#





#43

Isopropyl Acetate

Concen: 0.390 ug/l

RT: 8.800 min Scan# 1128

Delta R.T. 0.112 min

Lab File: VN075433.D

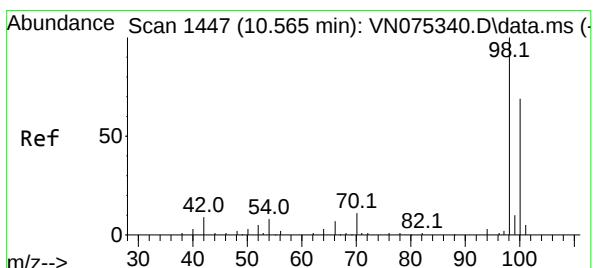
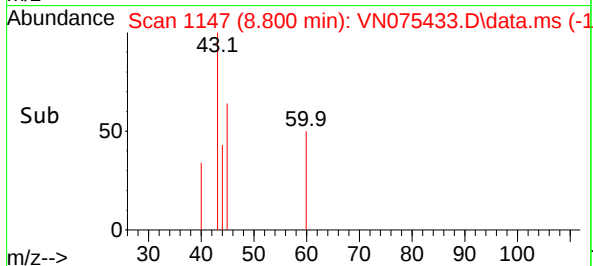
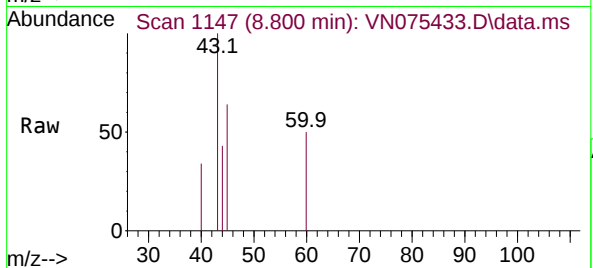
Acq: 25 Nov 2022 20:05

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 43	Resp: 1136
Ion Ratio	Lower Upper
43	100
61	0.0 22.4 33.6#
87	0.0 12.5 18.7#



#50

Toluene-d8

Concen: 47.600 ug/l

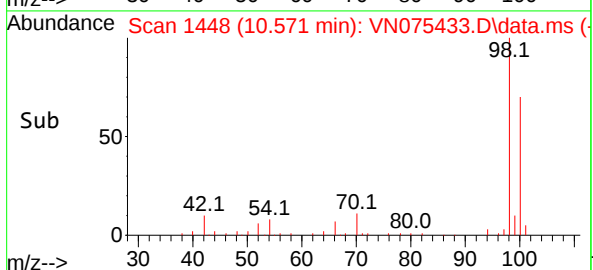
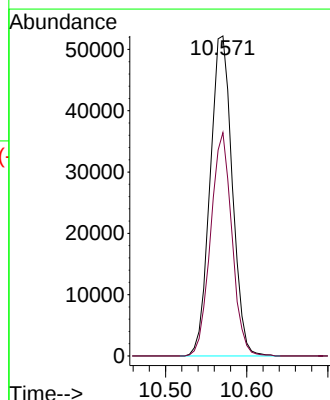
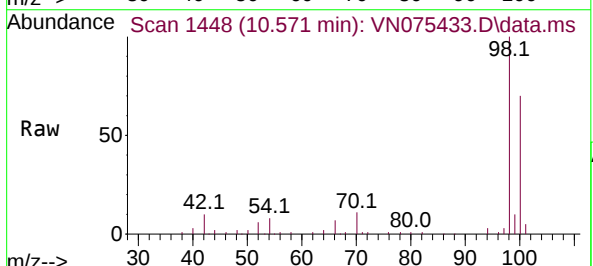
RT: 10.571 min Scan# 1448

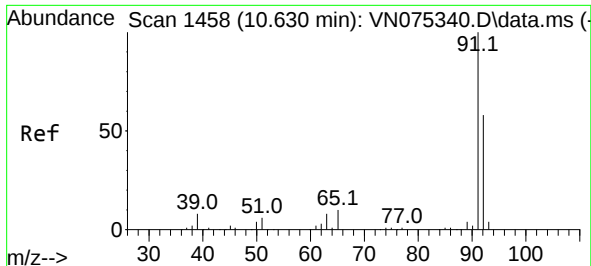
Delta R.T. 0.006 min

Lab File: VN075433.D

Acq: 25 Nov 2022 20:05

Tgt Ion: 98	Resp: 98961
Ion Ratio	Lower Upper
98	100
100	67.0 53.0 79.6

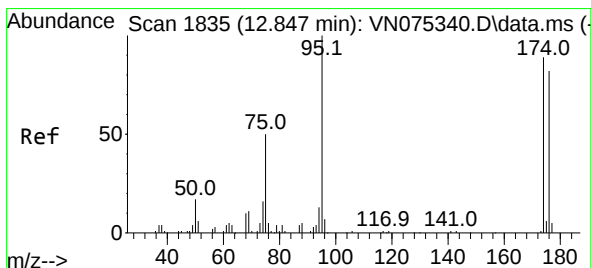
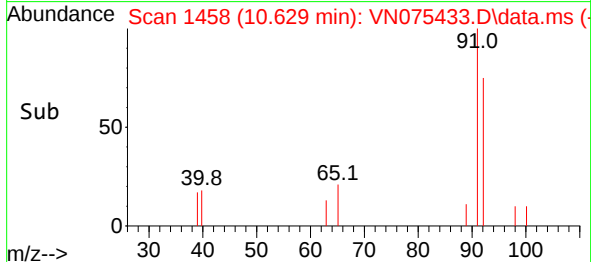
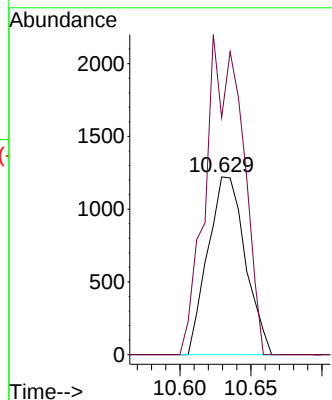
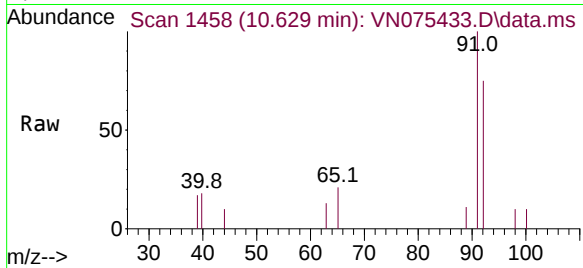




#52
Toluene
Concen: 0.564 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.001 min
Lab File: VN075433.D
Acq: 25 Nov 2022 20:05

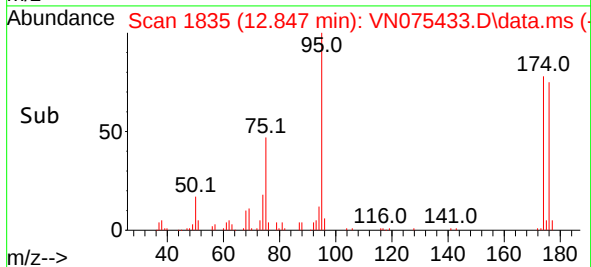
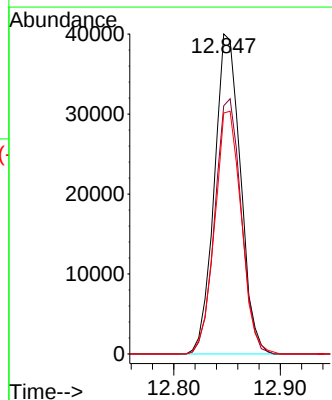
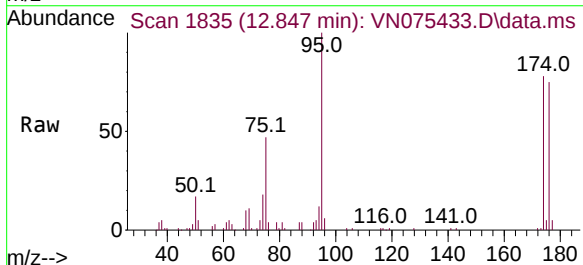
Instrument :
MSVOA_N
ClientSampleId :

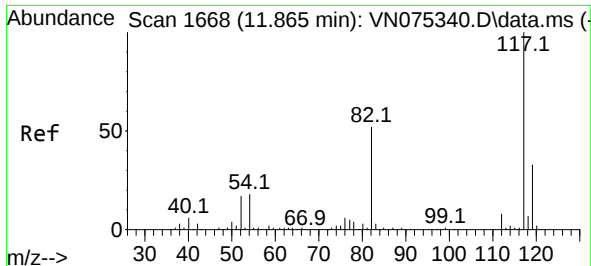
Tgt Ion: 92 Resp: 2239
Ion Ratio Lower Upper
92 100
91 178.3 135.4 203.2



#62
4-Bromofluorobenzene
Concen: 44.411 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.000 min
Lab File: VN075433.D
Acq: 25 Nov 2022 20:05

Tgt Ion: 95 Resp: 68150
Ion Ratio Lower Upper
95 100
174 80.3 0.0 147.4
176 77.3 0.0 142.2

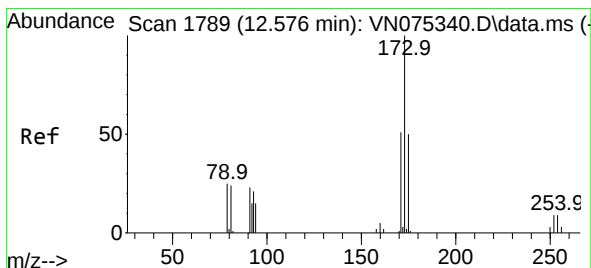
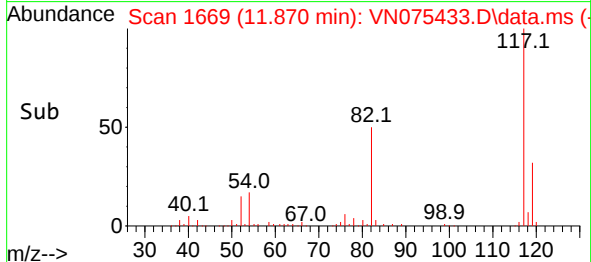
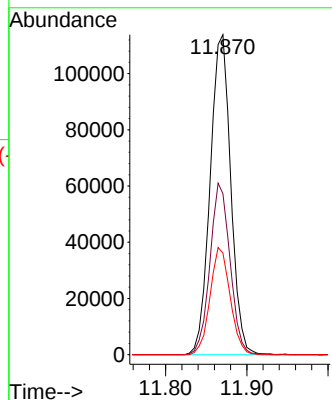
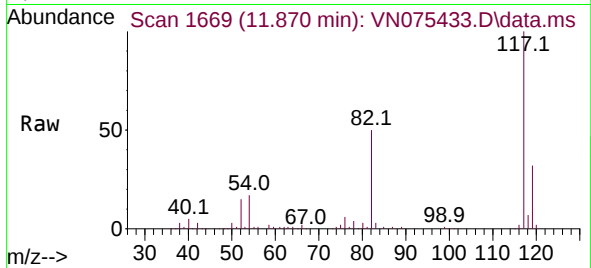




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN075433.D
Acq: 25 Nov 2022 20:05

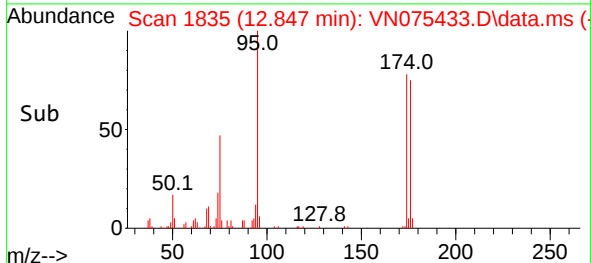
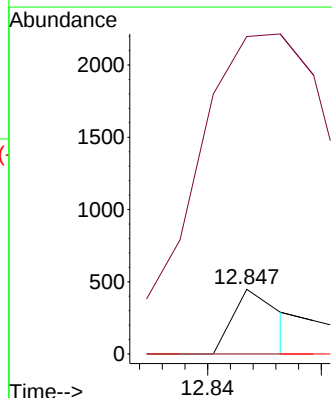
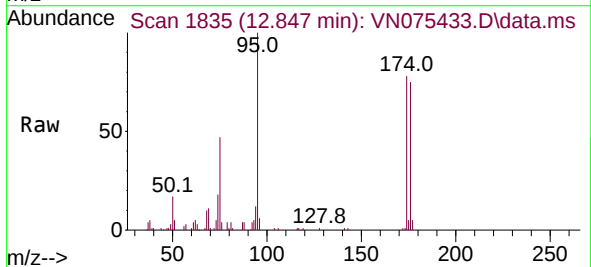
Instrument :
MSVOA_N
ClientSampleId :

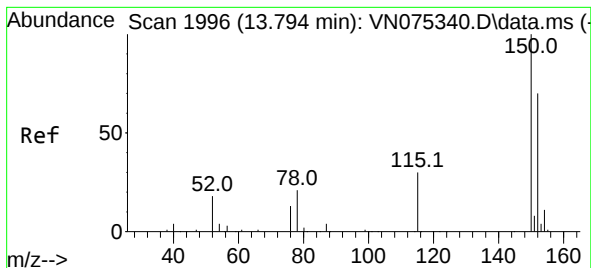
Tgt Ion:117 Resp: 200354
Ion Ratio Lower Upper
117 100
82 50.3 43.1 64.7
119 31.8 25.5 38.3



#71
Bromoform
Concen: 0.222 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.271 min
Lab File: VN075433.D
Acq: 25 Nov 2022 20:05

Tgt Ion:173 Resp: 261
Ion Ratio Lower Upper
173 100
175 0.0 24.6 74.0#
254 0.0 0.0 0.0

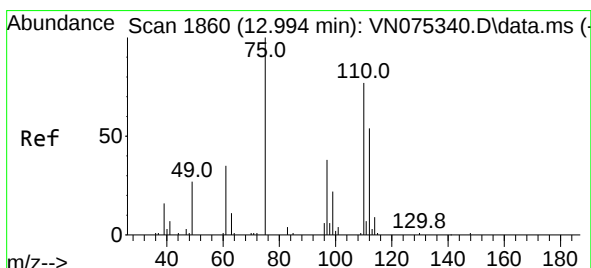
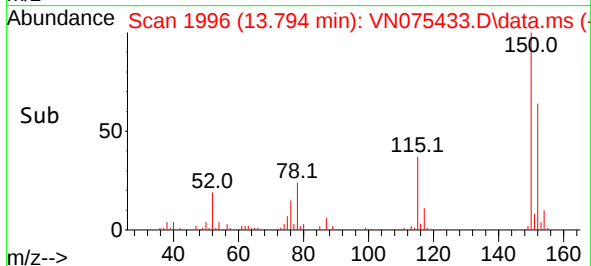
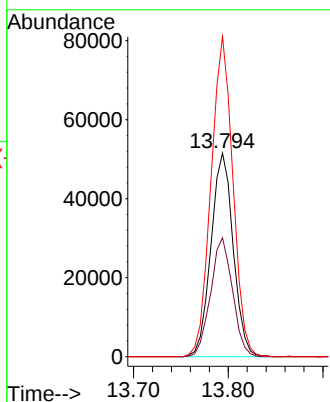
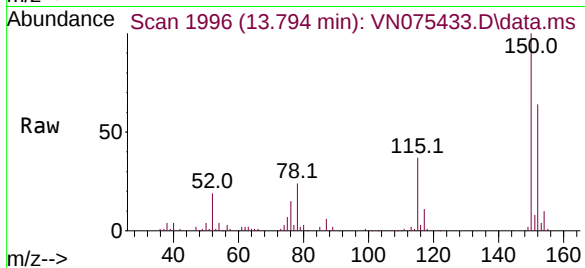




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. -0.000 min
 Lab File: VN075433.D
 Acq: 25 Nov 2022 20:05

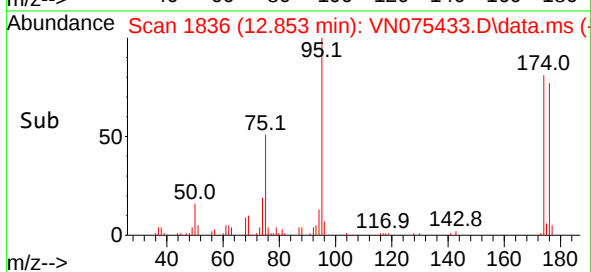
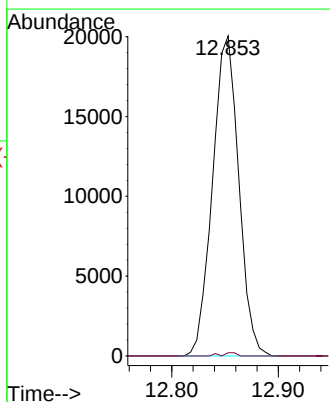
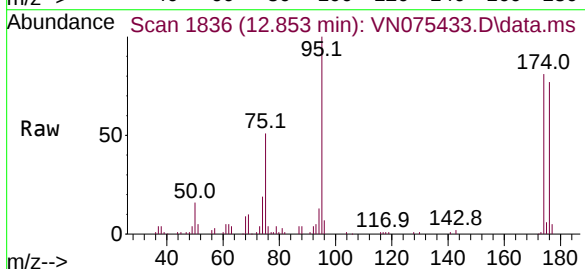
Instrument :
 MSVOA_N
 ClientSampleId :

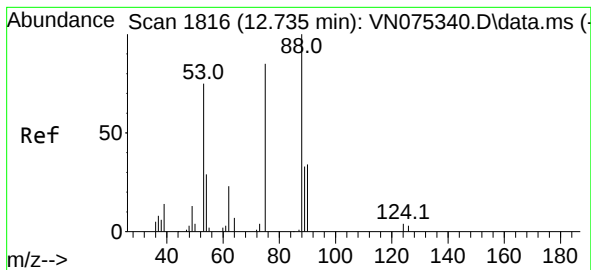
Tgt Ion:152 Resp: 83865
 Ion Ratio Lower Upper
 152 100
 115 57.6 30.2 90.6
 150 155.0 0.0 348.4



#76
 1,2,3-Trichloropropane
 Concen: 21.585 ug/l
 RT: 12.853 min Scan# 1836
 Delta R.T. -0.141 min
 Lab File: VN075433.D
 Acq: 25 Nov 2022 20:05

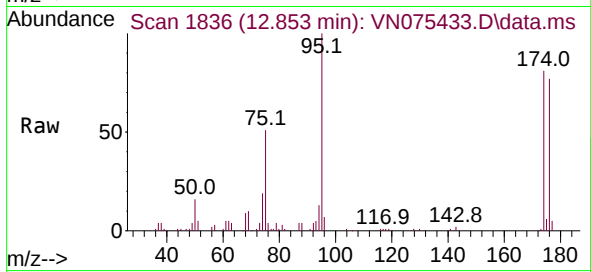
Tgt Ion: 75 Resp: 34226
 Ion Ratio Lower Upper
 75 100
 77 0.6 75.6 226.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.864 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.118 min
 Lab File: VN075433.D
 Acq: 25 Nov 2022 20:05

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 34226
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.5 117.7#
 89 0.0 37.7 56.5#

