

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120522\
 Data File : VN075574.D
 Acq On : 05 Dec 2022 21:18
 Operator : JC\MD
 Sample : N5849-01ME
 Misc : 5.02g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TR-5-120222

Quant Time: Dec 06 03:27:27 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)

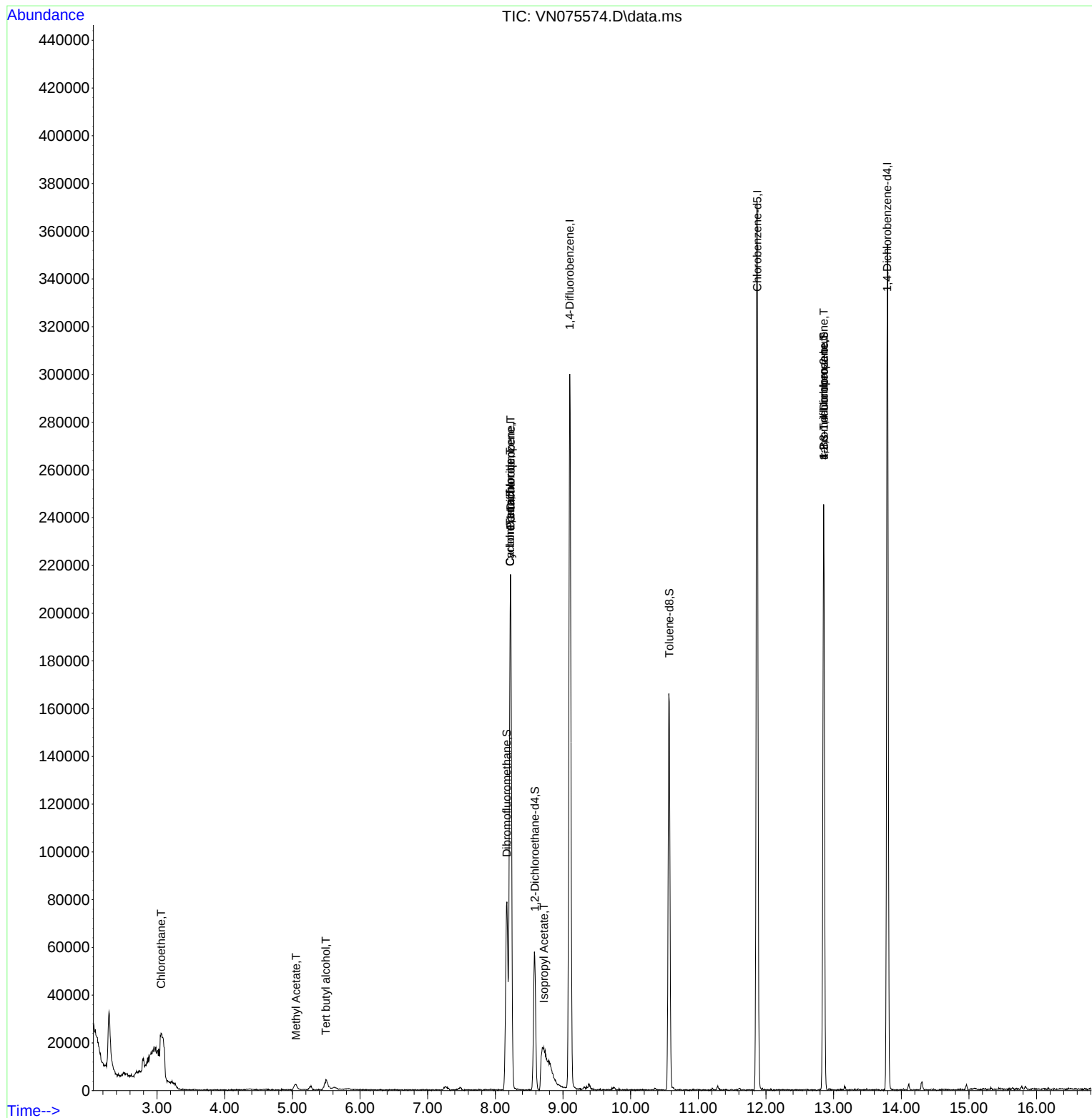
Internal Standards						
1) Pentafluorobenzene	8.224	168	170318	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	279169	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	231282	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	101670	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	45800	50.096	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.200%			
35) Dibromofluoromethane	8.171	113	58783	53.601	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.200%			
50) Toluene-d8	10.571	98	121671	49.259	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.520%			
62) 4-Bromofluorobenzene	12.853	95	82830	45.433	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 90.860%			
Target Compounds						
					Qvalue	
6) Chloroethane	3.059	64	13154	8.500	ug/l #	53
11) Tert butyl alcohol	5.494	59	3969	10.342	ug/l #	72
18) Methyl Acetate	5.053	43	5799	1.440	ug/l #	73
20) Methylene Chloride	5.259	84	1410	Below Cal	#	65
31) Cyclohexane	8.218	56	3213	1.106	ug/l #	25
36) 1,1-Dichloropropene	8.224	75	12292	5.140	ug/l #	49
38) Carbon Tetrachloride	8.218	117	16566	6.306	ug/l #	17
43) Isopropyl Acetate	8.718	43	24740	7.157	ug/l #	53
76) 1,2,3-Trichloropropane	12.853	75	40529	21.083	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	40529	62.381	ug/l #	10

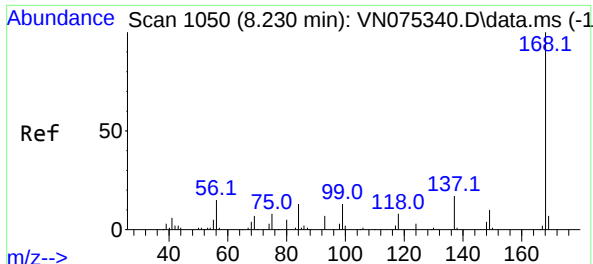
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 06 03:27:27 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





#1 Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN075574.D

Acq: 05 Dec 2022 21:18

Instrument :

MSVOA_N

ClientSampleId :

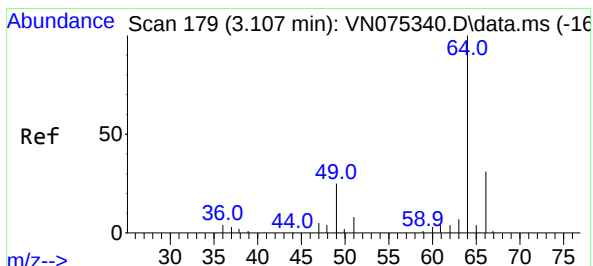
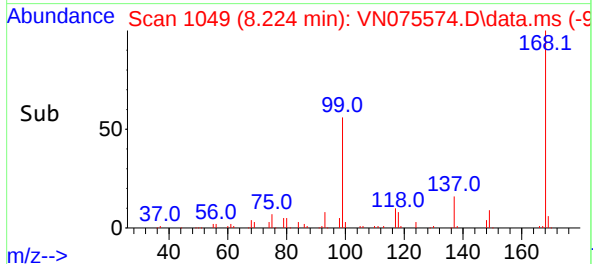
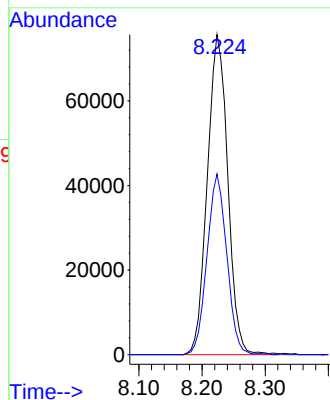
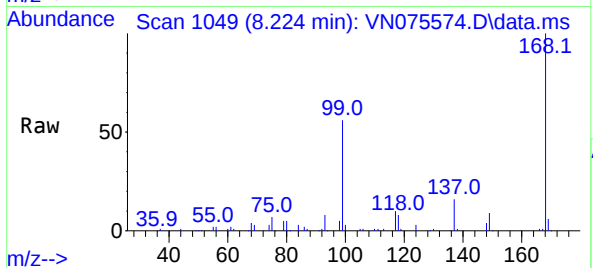
TR-5-120222

Tgt Ion:168 Resp: 170318

Ion Ratio Lower Upper

168 100

99 56.5 51.6 77.4



#6

Chloroethane

Concen: 8.500 ug/l

RT: 3.059 min Scan# 171

Delta R.T. -0.048 min

Lab File: VN075574.D

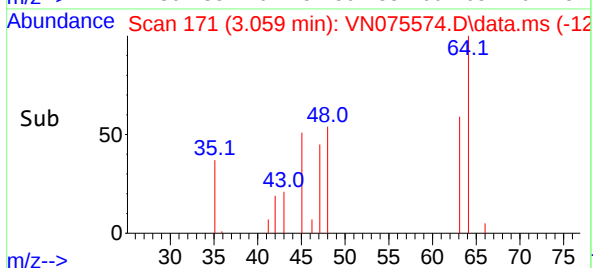
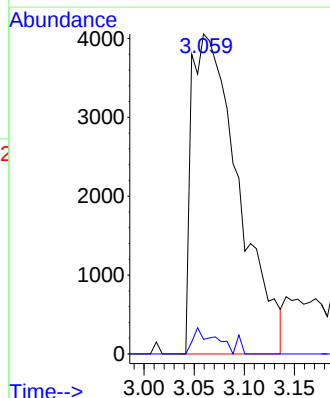
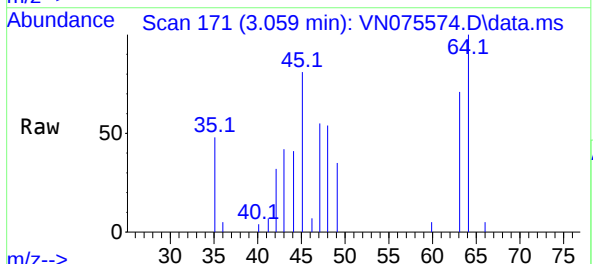
Acq: 05 Dec 2022 21:18

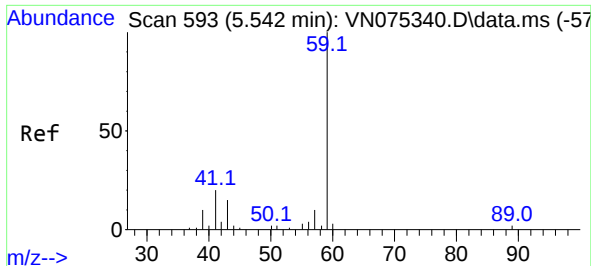
Tgt Ion: 64 Resp: 13154

Ion Ratio Lower Upper

64 100

66 4.5 23.8 35.8#





#11

Tert butyl alcohol

Concen: 10.342 ug/l

RT: 5.494 min Scan# 510

Delta R.T. -0.048 min

Lab File: VN075574.D

Acq: 05 Dec 2022 21:18

Instrument :

MSVOA_N

ClientSampleId :

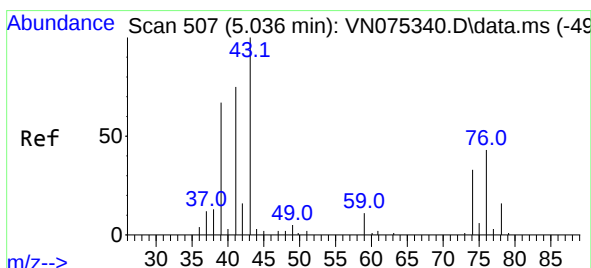
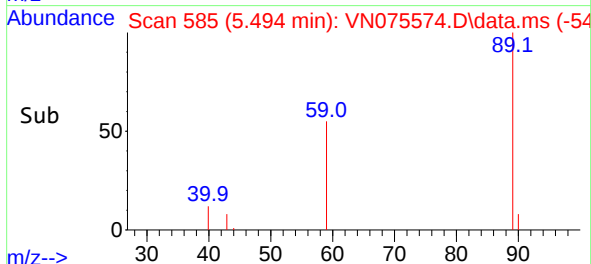
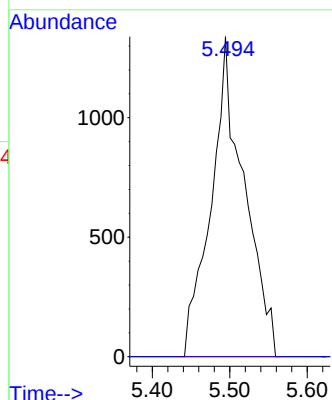
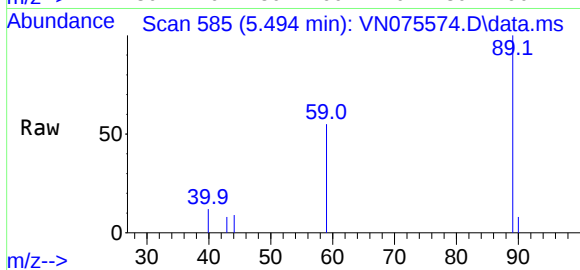
TR-5-120222

Tgt Ion: 59 Resp: 3969

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#



#18

Methyl Acetate

Concen: 1.440 ug/l

RT: 5.053 min Scan# 510

Delta R.T. 0.017 min

Lab File: VN075574.D

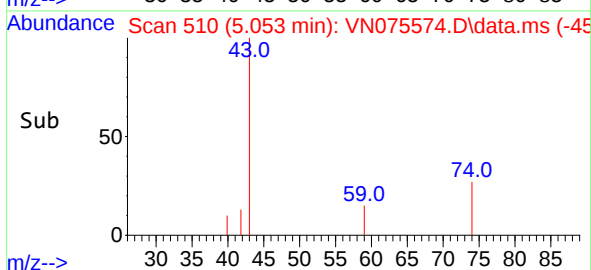
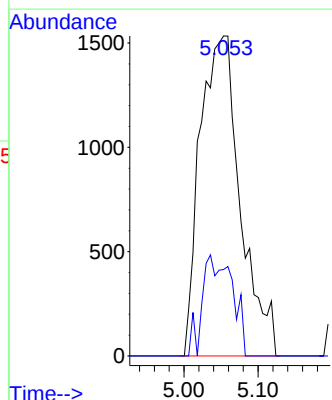
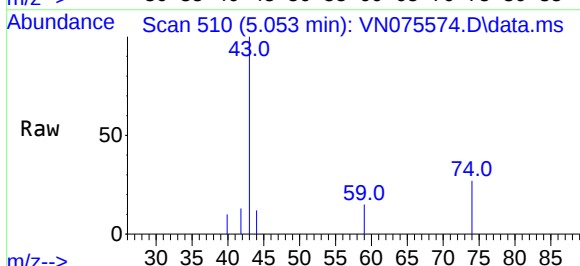
Acq: 05 Dec 2022 21:18

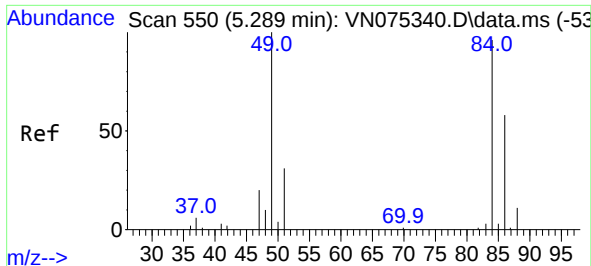
Tgt Ion: 43 Resp: 5799

Ion Ratio Lower Upper

43 100

74 13.2 22.0 33.0#



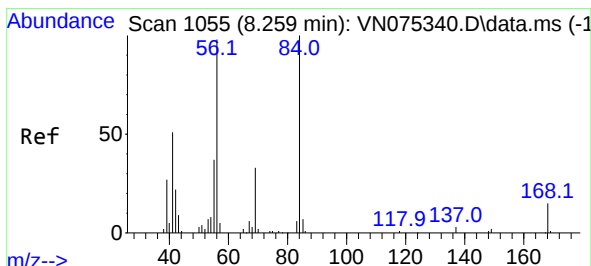
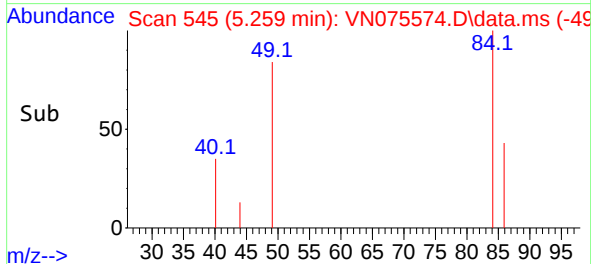
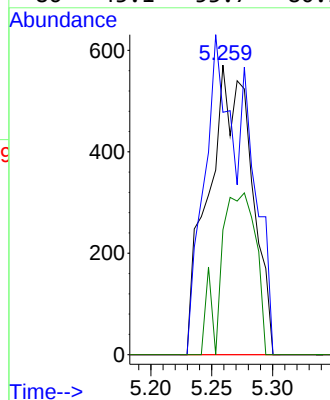
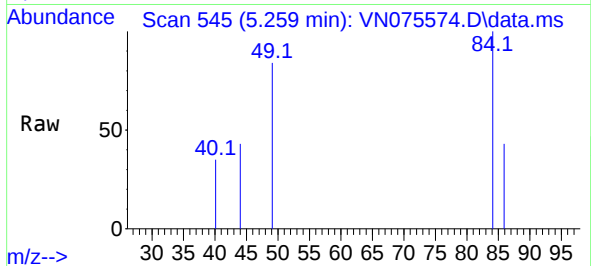


#20
Methylene Chloride
Concen: Below Cal
RT: 5.259 min Scan# 54
Delta R.T. -0.030 min
Lab File: VN075574.D
Acq: 05 Dec 2022 21:18

Instrument :
MSVOA_N
ClientSampleId :
TR-5-120222

Tgt Ion: 84 Resp: 1410

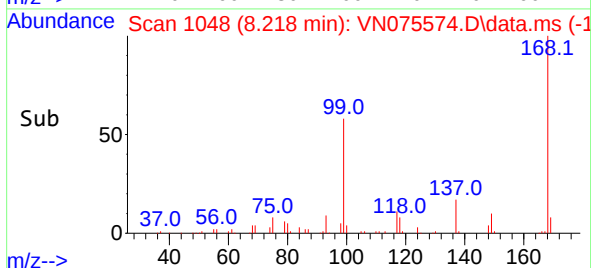
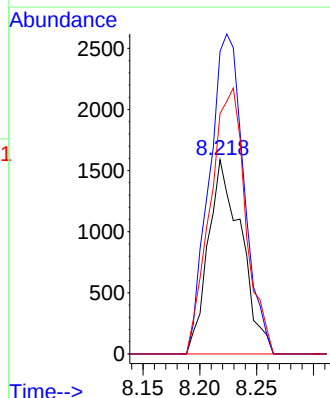
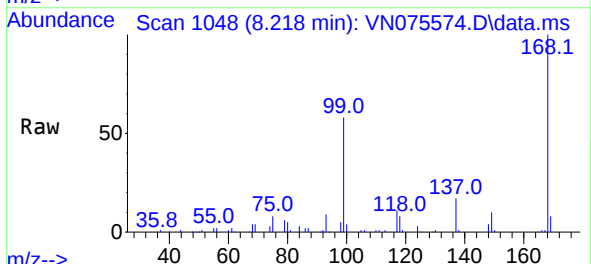
Ion	Ratio	Lower	Upper
84	100		
49	83.7	94.9	142.3#
51	0.0	26.8	40.2#
86	43.1	53.7	80.5#

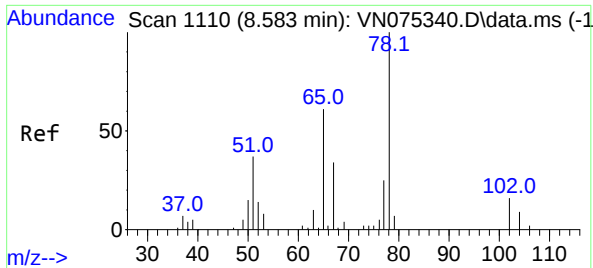


#31
Cyclohexane
Concen: 1.106 ug/l
RT: 8.218 min Scan# 1048
Delta R.T. -0.041 min
Lab File: VN075574.D
Acq: 05 Dec 2022 21:18

Tgt Ion: 56 Resp: 3213

Ion	Ratio	Lower	Upper
56	100		
69	155.8	25.2	37.8#
84	123.8	77.8	116.8#

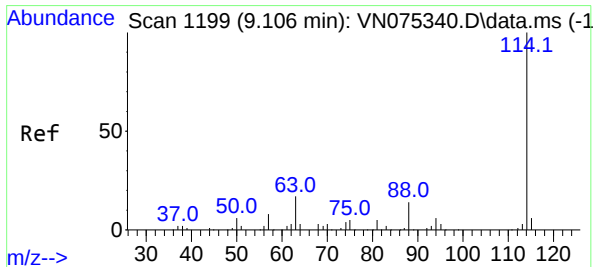
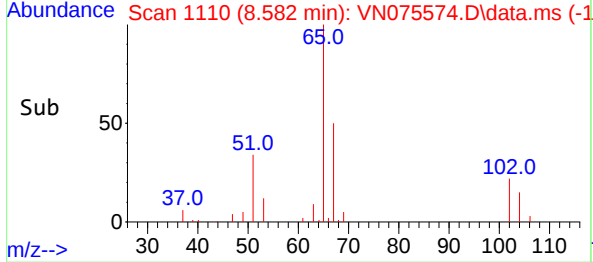
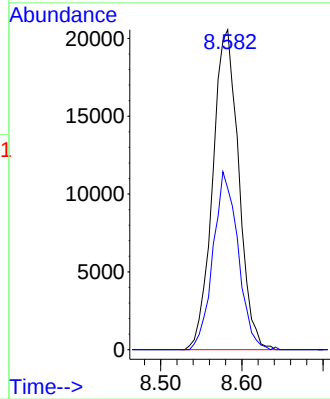
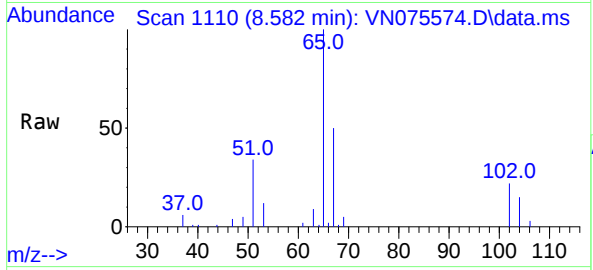




#33
1,2-Dichloroethane-d4
Concen: 50.096 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.001 min
Lab File: VN075574.D
Acq: 05 Dec 2022 21:18

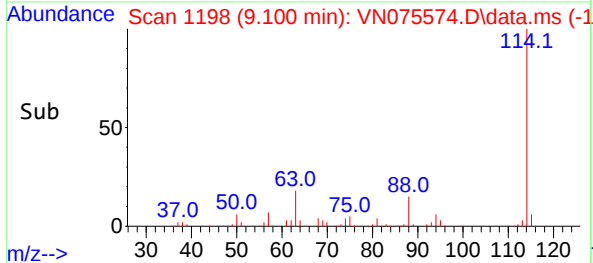
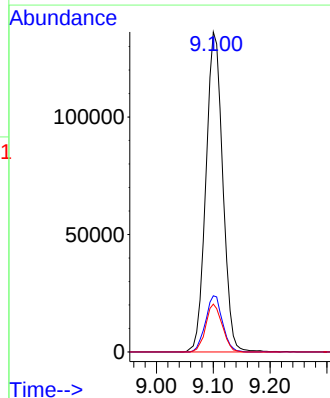
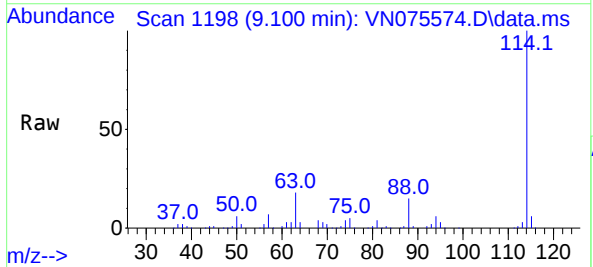
Instrument :
MSVOA_N
ClientSampleId :
TR-5-120222

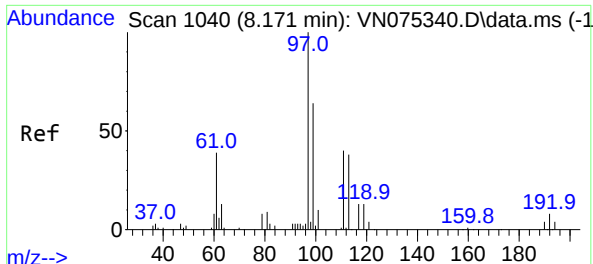
Tgt Ion: 65 Resp: 45800
Ion Ratio Lower Upper
65 100
67 53.5 0.0 102.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1198
Delta R.T. -0.006 min
Lab File: VN075574.D
Acq: 05 Dec 2022 21:18

Tgt Ion: 114 Resp: 279169
Ion Ratio Lower Upper
114 100
63 17.6 0.0 39.6
88 15.0 0.0 29.0

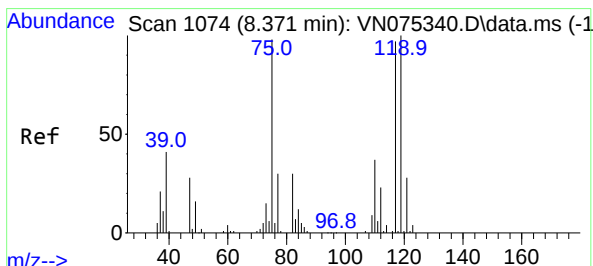
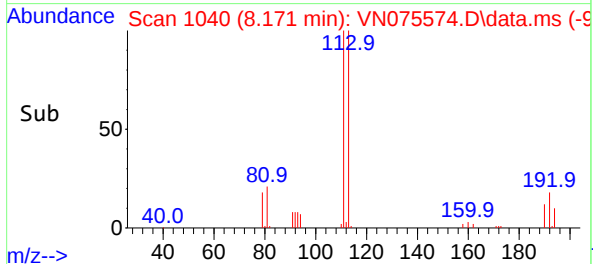
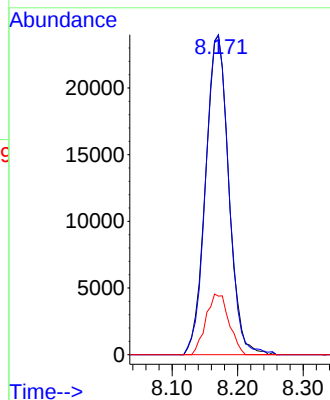
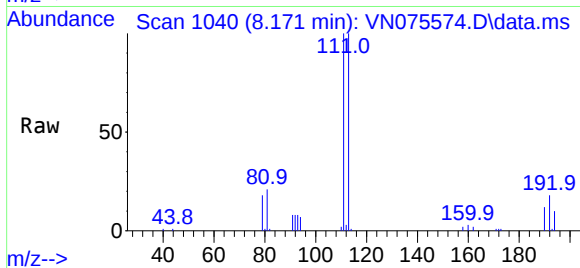




#35
Dibromofluoromethane
Concen: 53.601 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075574.D
Acq: 05 Dec 2022 21:18

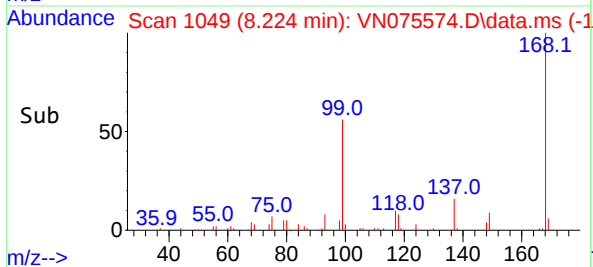
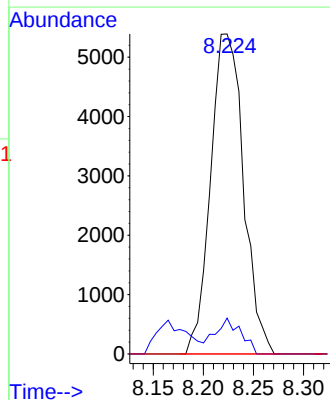
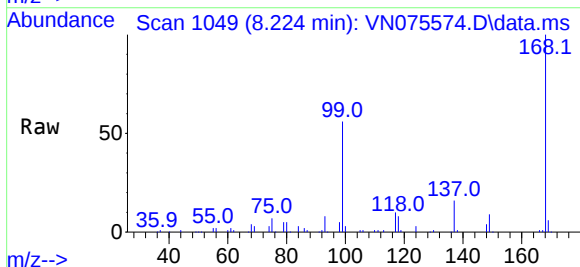
Instrument :
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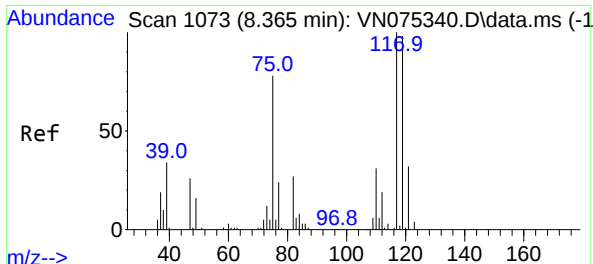
Tgt Ion:113 Resp: 58783
Ion Ratio Lower Upper
113 100
111 99.9 80.5 120.7
192 18.8 13.2 19.8



#36
1,1-Dichloropropene
Concen: 5.140 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.147 min
Lab File: VN075574.D
Acq: 05 Dec 2022 21:18

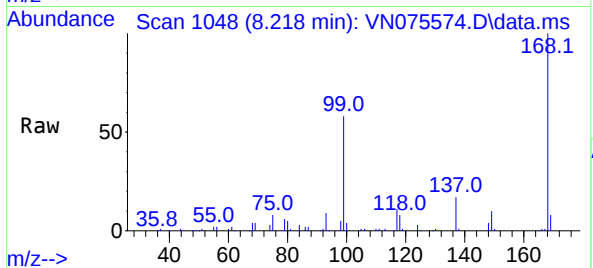
Tgt Ion: 75 Resp: 12292
Ion Ratio Lower Upper
75 100
110 8.7 17.8 53.3#
77 0.0 24.6 37.0#



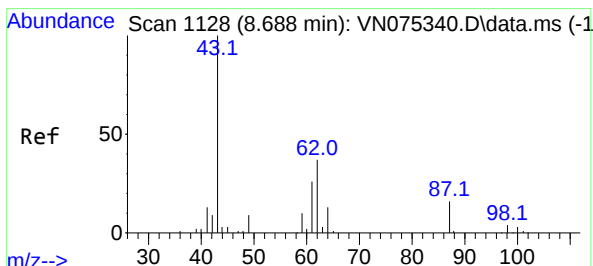
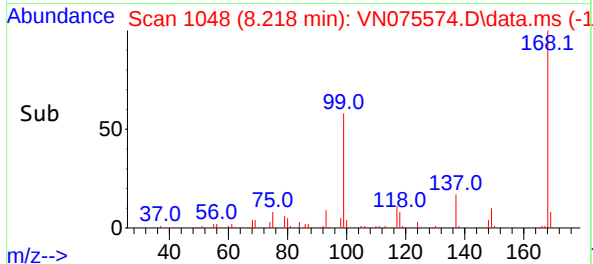
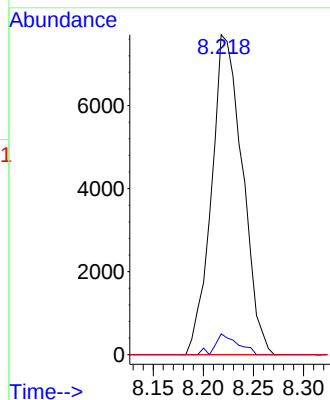


#38
Carbon Tetrachloride
Concen: 6.306 ug/l
RT: 8.218 min Scan# 1107
Delta R.T. -0.147 min
Lab File: VN075574.D
Acq: 05 Dec 2022 21:18

Instrument :
MSVOA_N
ClientSampleId :
TR-5-120222

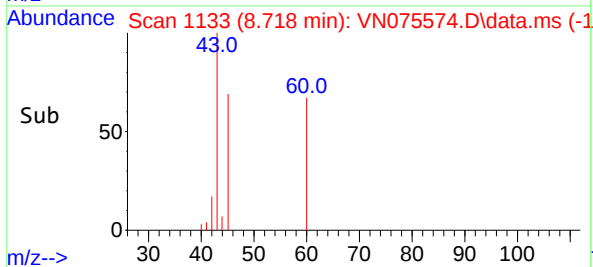
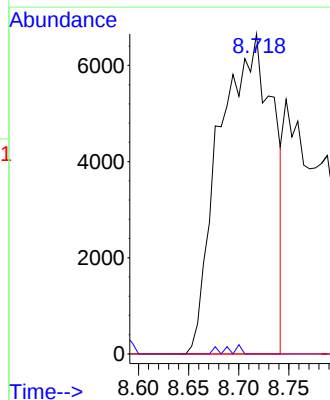
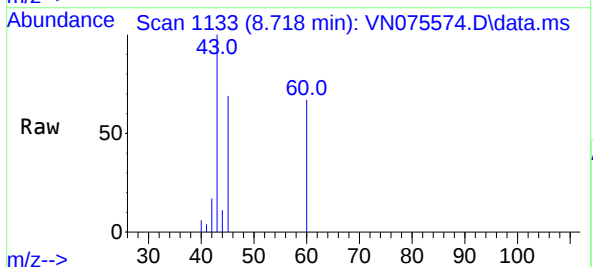


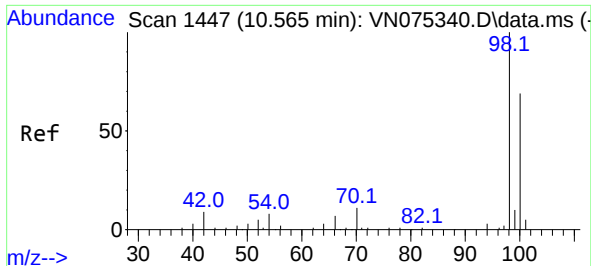
Tgt Ion:117 Resp: 16566
Ion Ratio Lower Upper
117 100
119 6.5 76.7 115.1#
121 0.0 23.9 35.9#



#43
Isopropyl Acetate
Concen: 7.157 ug/l
RT: 8.718 min Scan# 1133
Delta R.T. 0.030 min
Lab File: VN075574.D
Acq: 05 Dec 2022 21:18

Tgt Ion: 43 Resp: 24740
Ion Ratio Lower Upper
43 100
61 0.0 22.4 33.6#
87 0.0 12.5 18.7#

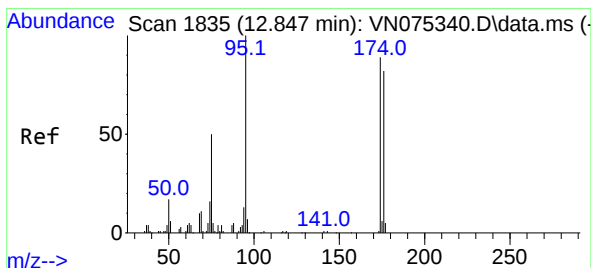
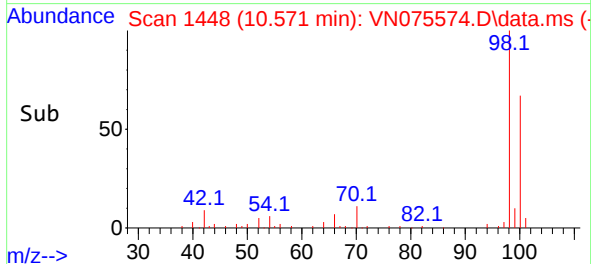
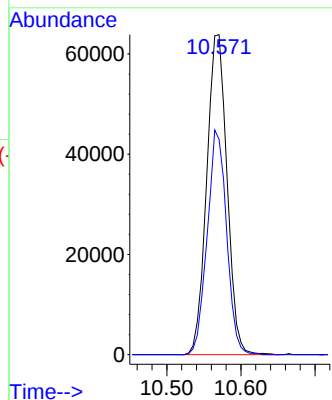
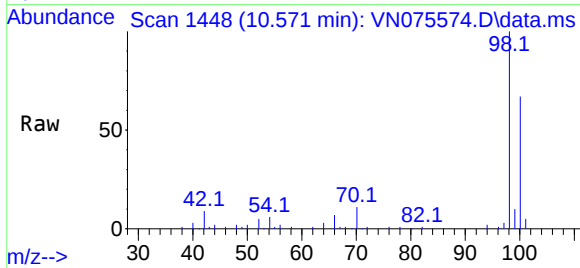




#50
Toluene-d8
Concen: 49.259 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN075574.D
Acq: 05 Dec 2022 21:18

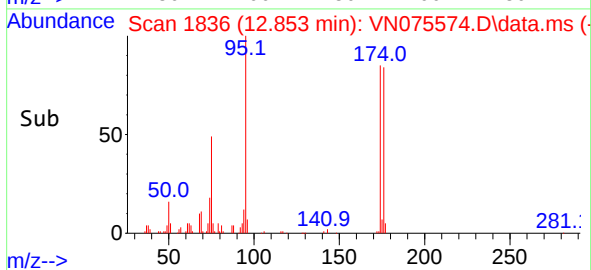
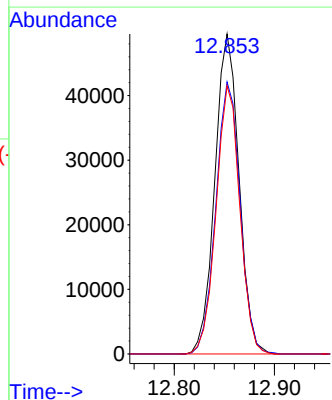
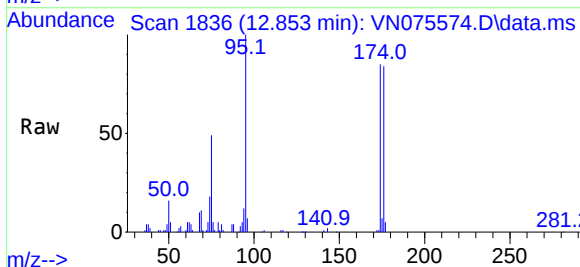
Instrument :
MSVOA_N
ClientSampleId :
TR-5-120222

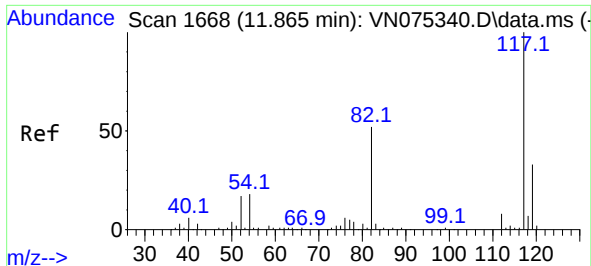
Tgt Ion: 98 Resp: 121671
Ion Ratio Lower Upper
98 100
100 66.8 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 45.433 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN075574.D
Acq: 05 Dec 2022 21:18

Tgt Ion: 95 Resp: 82830
Ion Ratio Lower Upper
95 100
174 85.5 0.0 147.4
176 82.4 0.0 142.2

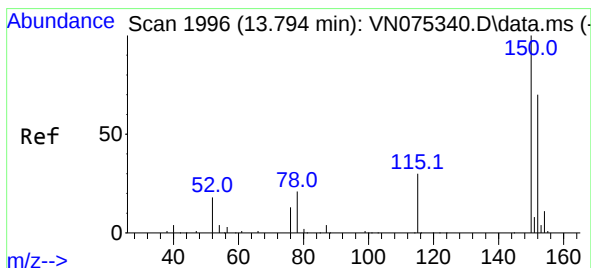
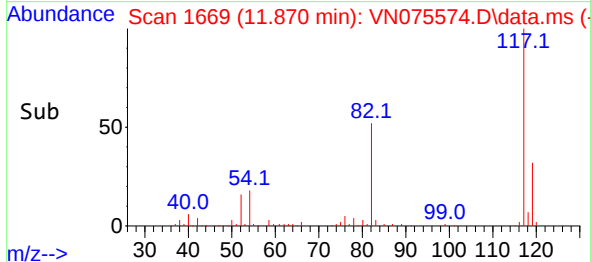
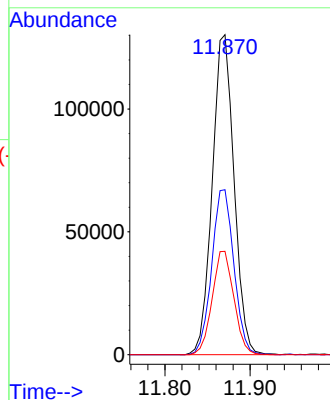
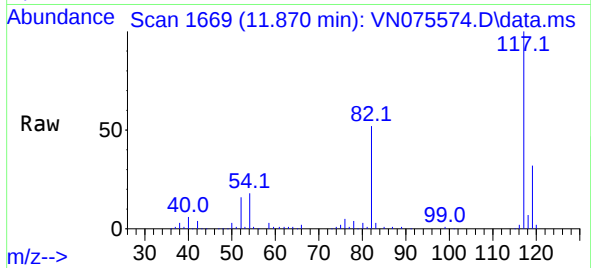




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. 0.005 min
Lab File: VN075574.D
Acq: 05 Dec 2022 21:18

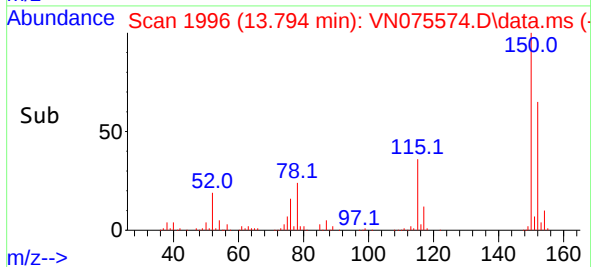
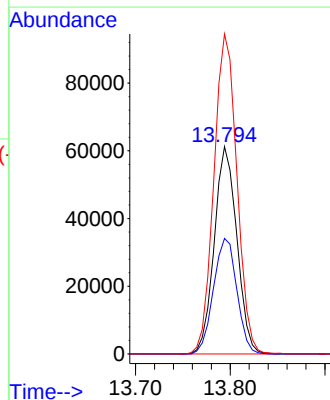
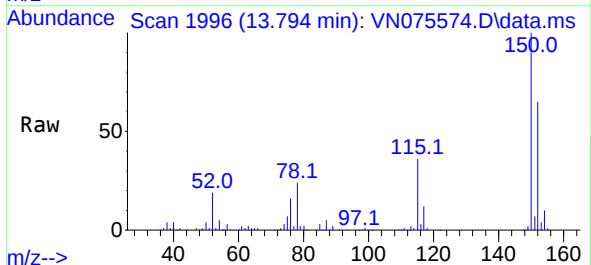
Instrument :
MSVOA_N
ClientSampleId :
TR-5-120222

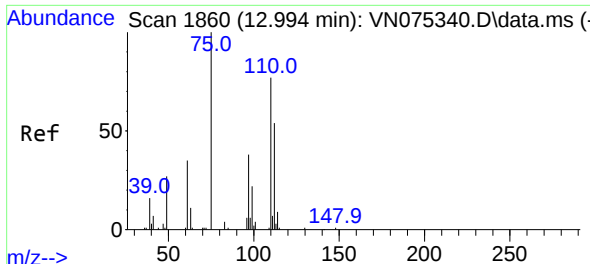
Tgt Ion:117 Resp: 231282
Ion Ratio Lower Upper
117 100
82 51.5 43.1 64.7
119 32.3 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075574.D
Acq: 05 Dec 2022 21:18

Tgt Ion:152 Resp: 101670
Ion Ratio Lower Upper
152 100
115 57.6 30.2 90.6
150 157.5 0.0 348.4

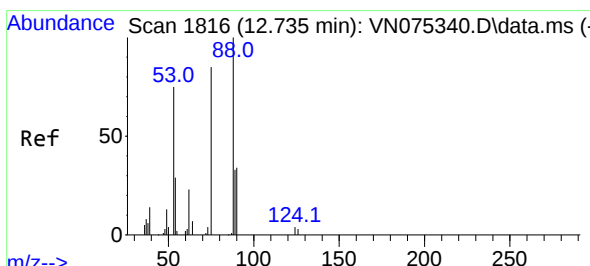
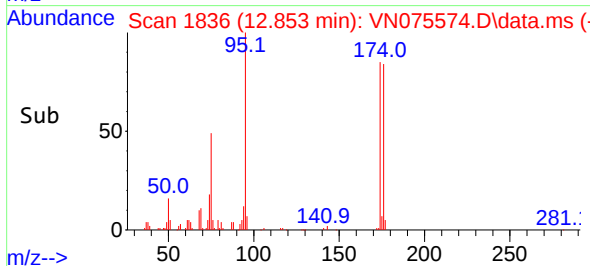
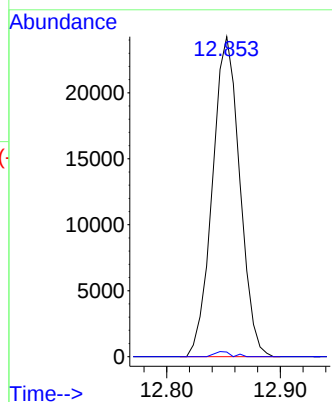
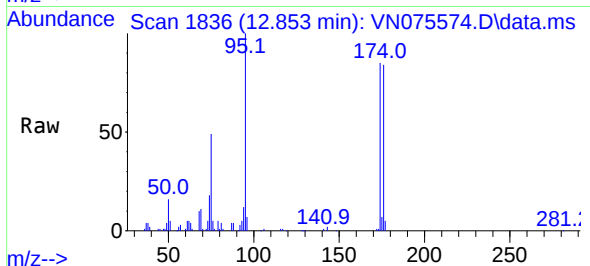




#76
1,2,3-Trichloropropane
Concen: 21.083 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN075574.D
Acq: 05 Dec 2022 21:18

Instrument :
MSVOA_N
ClientSampleId :
TR-5-120222

Tgt Ion: 75 Resp: 40529
Ion Ratio Lower Upper
75 100
77 1.0 75.6 226.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.381 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.118 min
Lab File: VN075574.D
Acq: 05 Dec 2022 21:18

Tgt Ion: 75 Resp: 40529
Ion Ratio Lower Upper
75 100
53 0.0 78.5 117.7#
89 0.0 37.7 56.5#

