

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122122\
 Data File : VN075914.D
 Acq On : 21 Dec 2022 13:05
 Operator : JC\MD
 Sample : N6112-01ME
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-03-121622

Quant Time: Dec 21 14:15:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

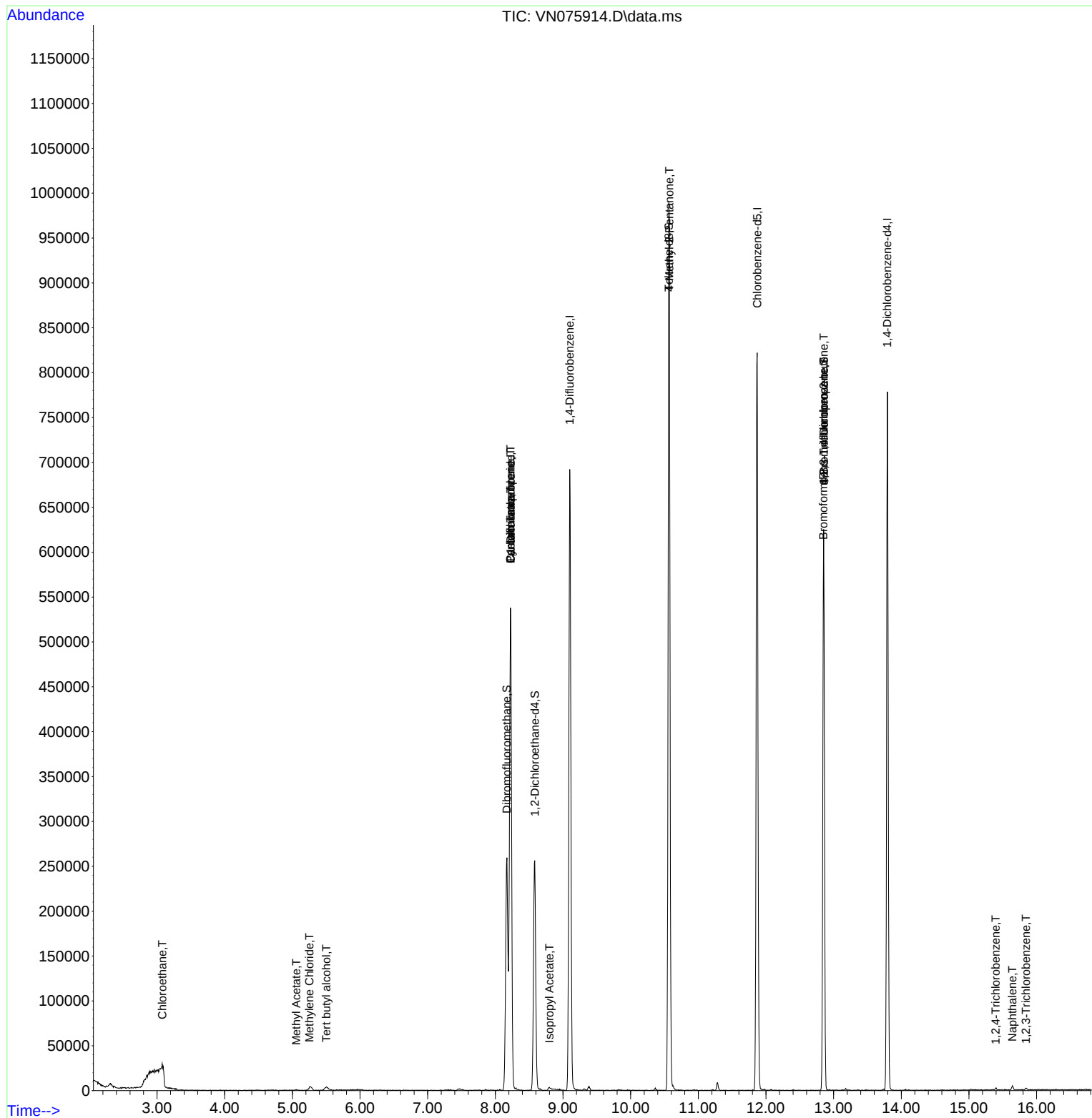
Internal Standards						
1) Pentafluorobenzene	8.224	168	418487	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	639935	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	523628	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	215917	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	205165	45.064	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	90.120%		
35) Dibromofluoromethane	8.171	113	182710	46.104	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.200%		
50) Toluene-d8	10.565	98	720863	48.650	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.300%		
62) 4-Bromofluorobenzene	12.853	95	208771	42.540	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	85.080%		
Target Compounds						Qvalue
6) Chloroethane	3.077	64	4349	1.332	ug/l #	65
11) Tert butyl alcohol	5.500	59	3718	5.771	ug/l #	72
18) Methyl Acetate	5.059	43	1012	0.218	ug/l #	55
20) Methylene Chloride	5.253	84	3690	0.242	ug/l #	82
31) Cyclohexane	8.224	56	7488	1.148	ug/l #	9
36) 1,1-Dichloropropene	8.224	75	28209	5.358	ug/l #	49
38) Carbon Tetrachloride	8.224	117	40321	6.843	ug/l #	16
43) Isopropyl Acetate	8.800	43	2481	0.356	ug/l #	50
51) 4-Methyl-2-Pentanone	10.571	43	2770	0.657	ug/l #	1
71) Bromoform	12.847	173	1162	0.401	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	107800	24.768	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	107800	89.153	ug/l #	12
93) 1,2,4-Trichlorobenzene	15.394	180	826	0.232	ug/l #	75
95) Naphthalene	15.641	128	4624	2.554	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.841	180	1081	0.325	ug/l #	79

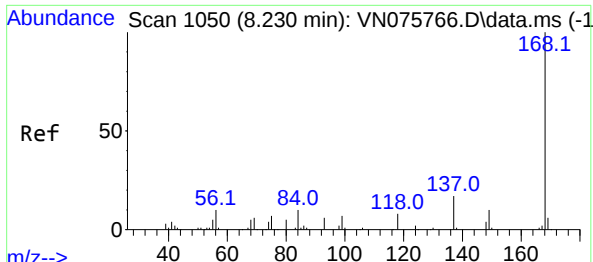
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Dec 14 13:03:41 2022
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1049

Delta R.T. -0.006 min

Lab File: VN075914.D

Acq: 21 Dec 2022 13:05

Instrument :

MSVOA_N

ClientSampleId :

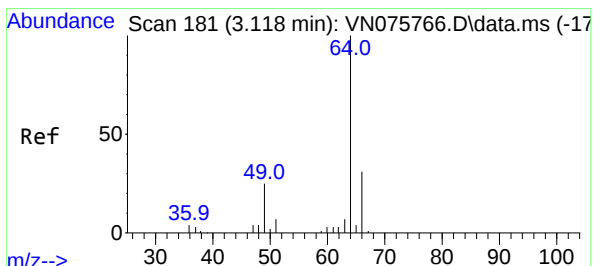
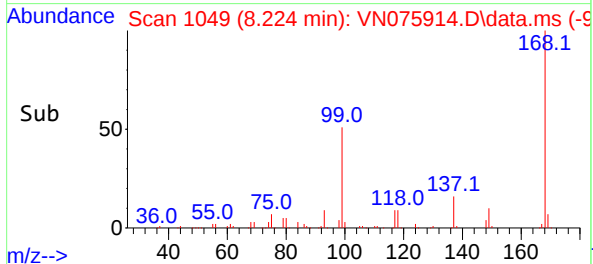
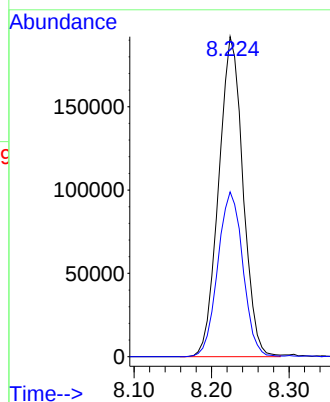
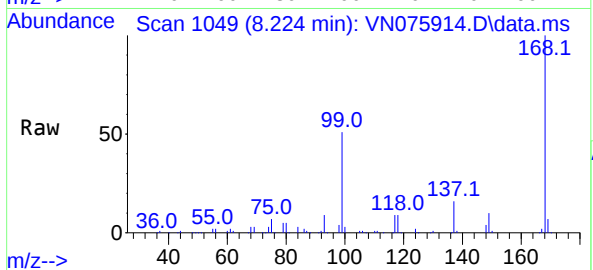
OR-03-121622

Tgt Ion:168 Resp: 418487

Ion Ratio Lower Upper

168 100

99 51.5 44.2 66.4



#6

Chloroethane

Concen: 1.332 ug/l

RT: 3.077 min Scan# 174

Delta R.T. -0.041 min

Lab File: VN075914.D

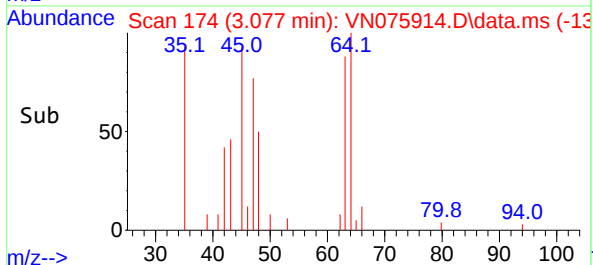
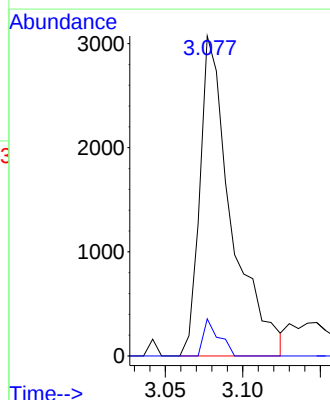
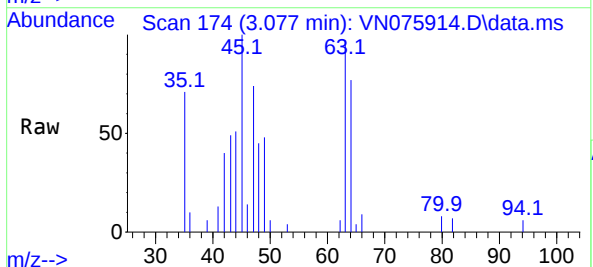
Acq: 21 Dec 2022 13:05

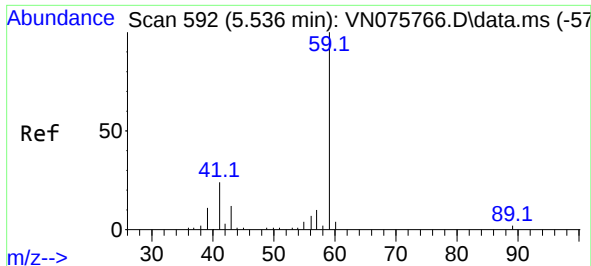
Tgt Ion: 64 Resp: 4349

Ion Ratio Lower Upper

64 100

66 11.6 24.6 36.8#

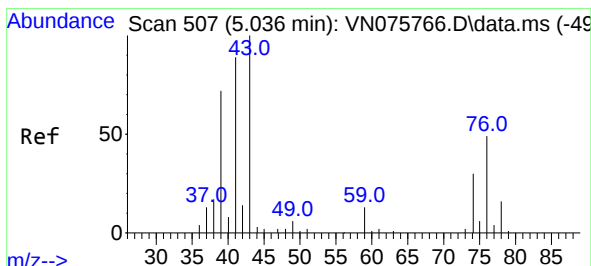
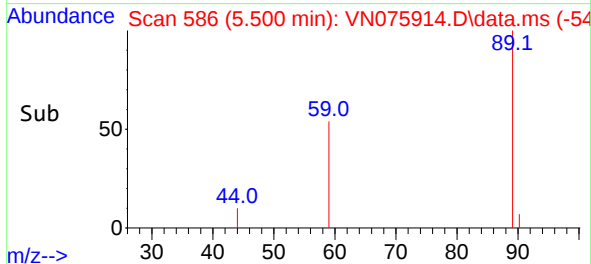
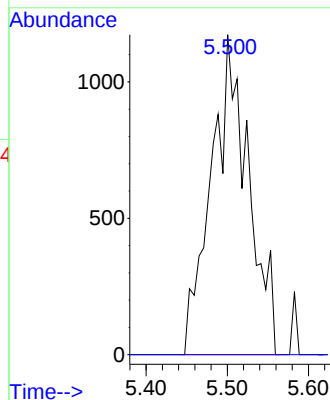
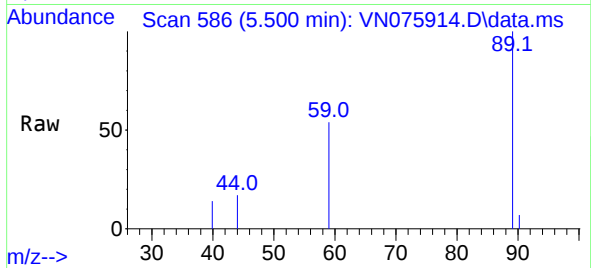




#11
Tert butyl alcohol
Concen: 5.771 ug/l
RT: 5.500 min Scan# 511
Delta R.T. -0.035 min
Lab File: VN075914.D
Acq: 21 Dec 2022 13:05

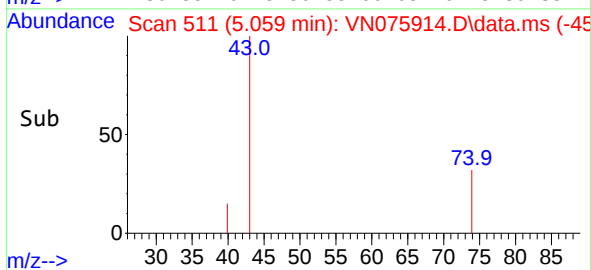
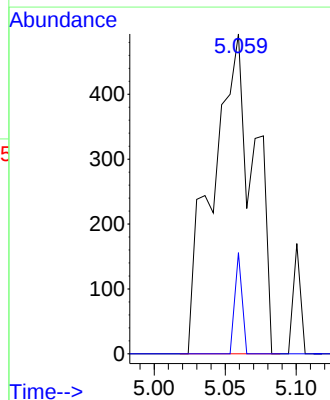
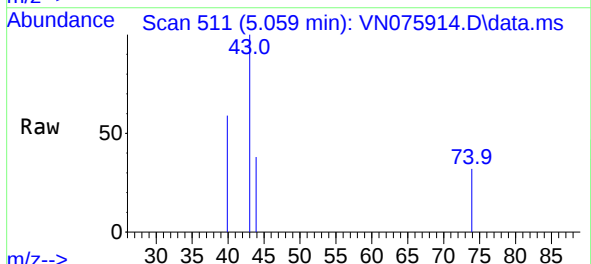
Instrument :
MSVOA_N
ClientSampleId :
OR-03-121622

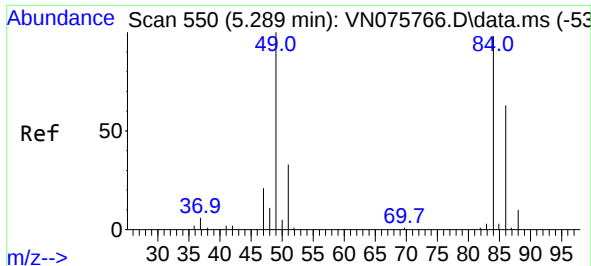
Tgt Ion: 59 Resp: 3718
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#18
Methyl Acetate
Concen: 0.218 ug/l
RT: 5.059 min Scan# 511
Delta R.T. 0.024 min
Lab File: VN075914.D
Acq: 21 Dec 2022 13:05

Tgt Ion: 43 Resp: 1012
Ion Ratio Lower Upper
43 100
74 5.4 23.6 35.4#



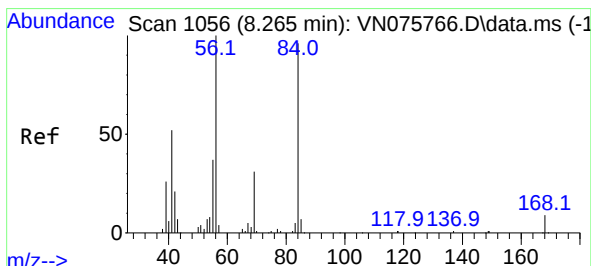
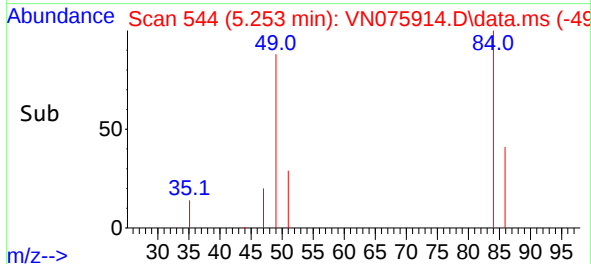
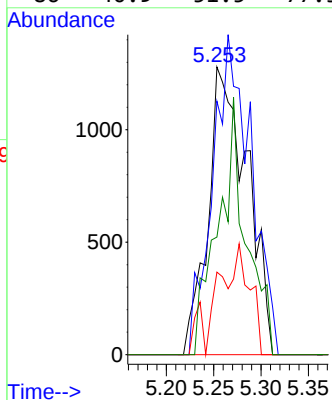
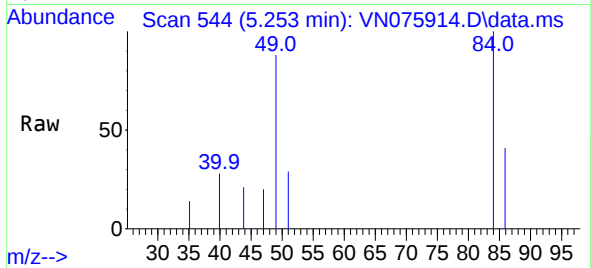


#20
Methylene Chloride
Concen: 0.242 ug/l
RT: 5.253 min Scan# 54
Delta R.T. -0.036 min
Lab File: VN075914.D
Acq: 21 Dec 2022 13:05

Instrument :
MSVOA_N
ClientSampleId :
OR-03-121622

Tgt Ion: 84 Resp: 3690

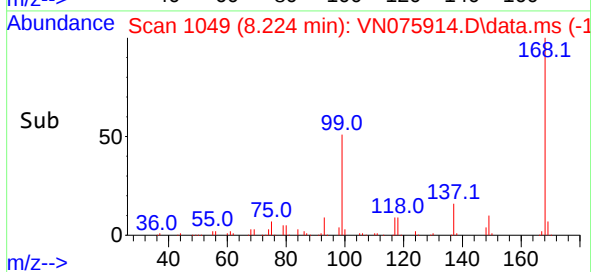
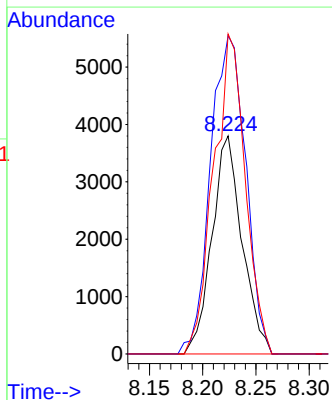
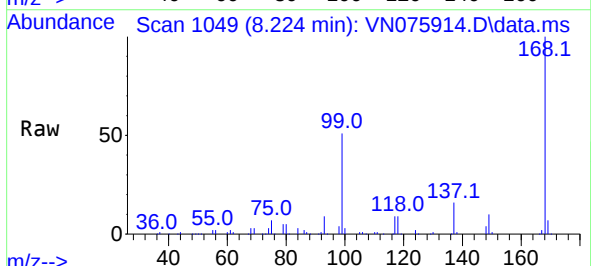
Ion	Ratio	Lower	Upper
84	100		
49	88.1	81.8	122.6
51	28.7	26.7	40.1
86	40.9	51.5	77.3

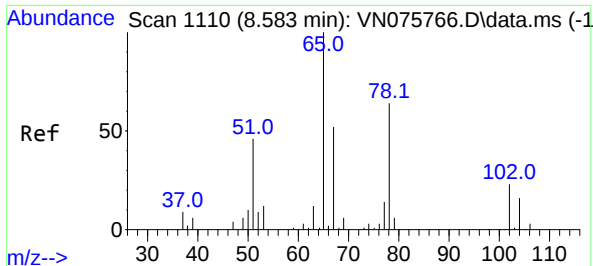


#31
Cyclohexane
Concen: 1.148 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.041 min
Lab File: VN075914.D
Acq: 21 Dec 2022 13:05

Tgt Ion: 56 Resp: 7488

Ion	Ratio	Lower	Upper
56	100		
69	146.0	24.7	37.1
84	146.8	76.5	114.7

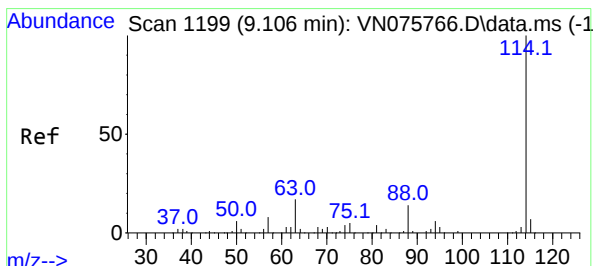
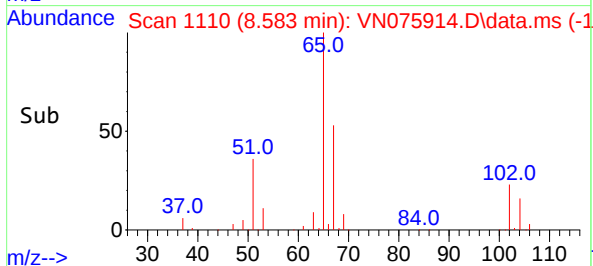
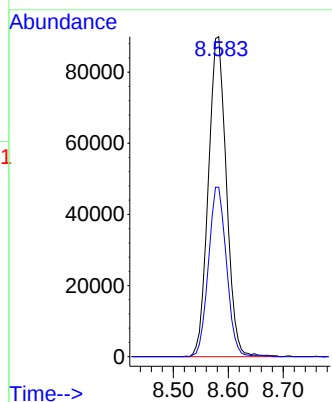
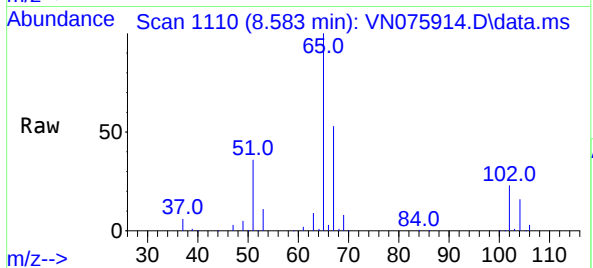




#33
 1,2-Dichloroethane-d4
 Concen: 45.064 ug/l
 RT: 8.583 min Scan# 1110
 Delta R.T. 0.000 min
 Lab File: VN075914.D
 Acq: 21 Dec 2022 13:05

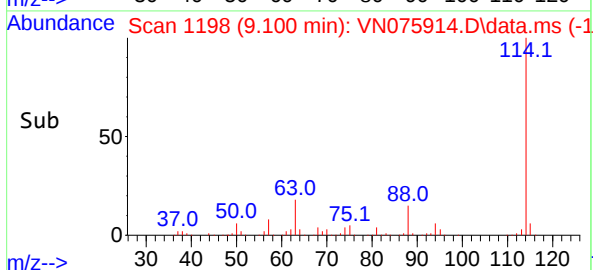
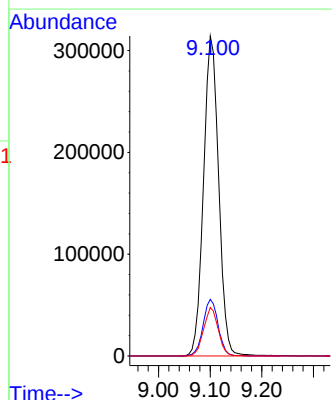
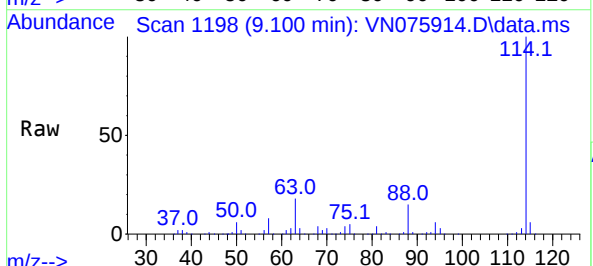
Instrument :
 MSVOA_N
 ClientSampleId :
 OR-03-121622

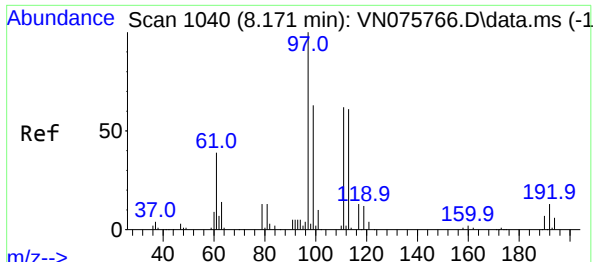
Tgt Ion: 65 Resp: 205165
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1198
 Delta R.T. -0.006 min
 Lab File: VN075914.D
 Acq: 21 Dec 2022 13:05

Tgt Ion: 114 Resp: 639935
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 34.4
 88 15.2 0.0 28.8

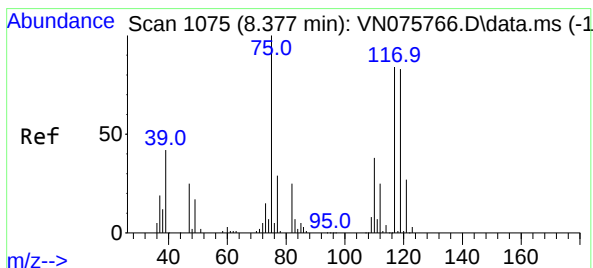
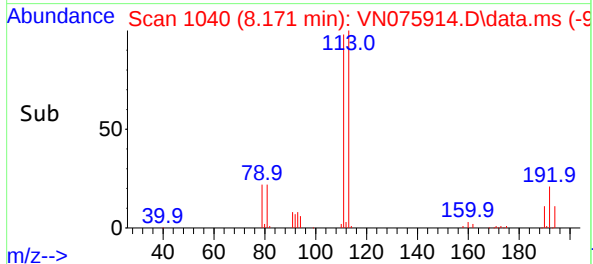
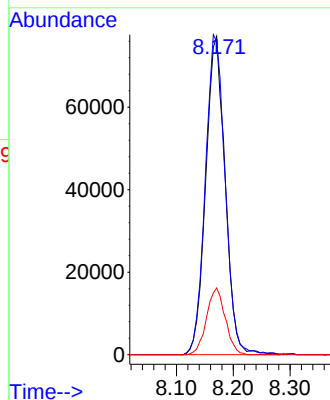
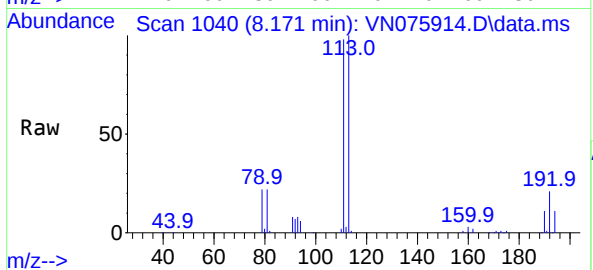




#35
Dibromofluoromethane
Concen: 46.104 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VN075914.D
Acq: 21 Dec 2022 13:05

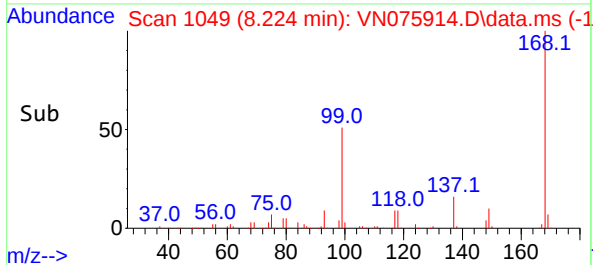
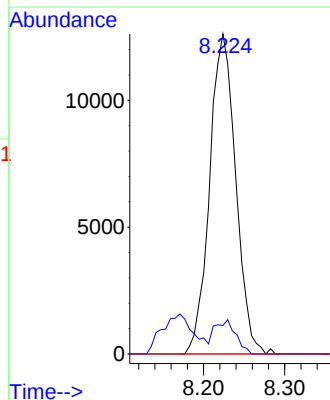
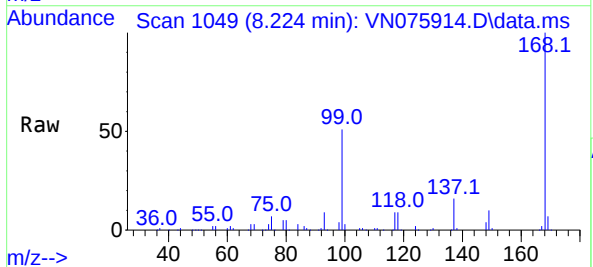
Instrument :
MSVOA_N
ClientSampleId :
OR-03-121622

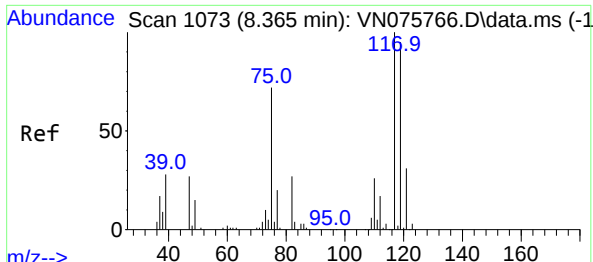
Tgt Ion:113 Resp: 182710
Ion Ratio Lower Upper
113 100
111 102.9 83.4 125.2
192 20.2 16.1 24.1



#36
1,1-Dichloropropene
Concen: 5.358 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.153 min
Lab File: VN075914.D
Acq: 21 Dec 2022 13:05

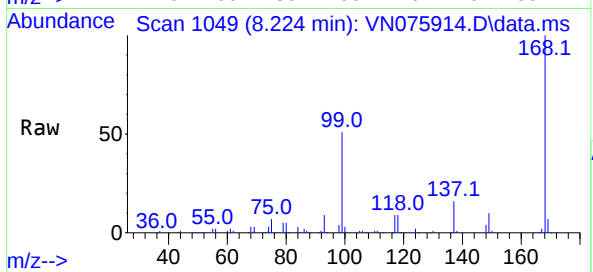
Tgt Ion: 75 Resp: 28209
Ion Ratio Lower Upper
75 100
110 8.6 18.8 56.4#
77 0.0 24.1 36.1#



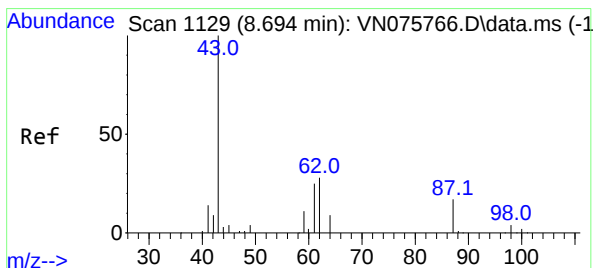
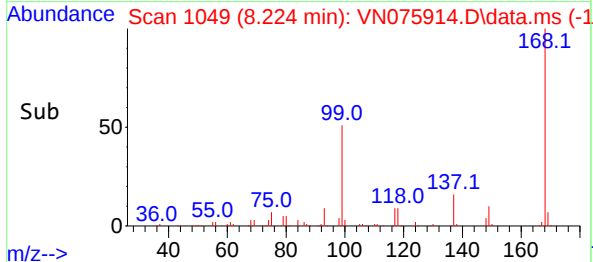
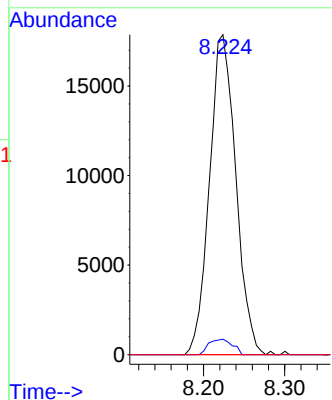


#38
Carbon Tetrachloride
Concen: 6.843 ug/l
RT: 8.224 min Scan# 1107
Delta R.T. -0.141 min
Lab File: VN075914.D
Acq: 21 Dec 2022 13:05

Instrument :
MSVOA_N
ClientSampleId :
OR-03-121622

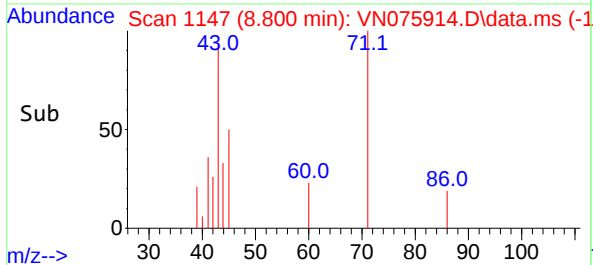
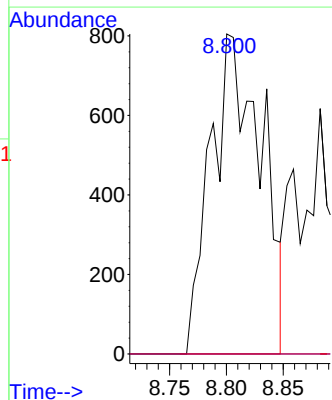
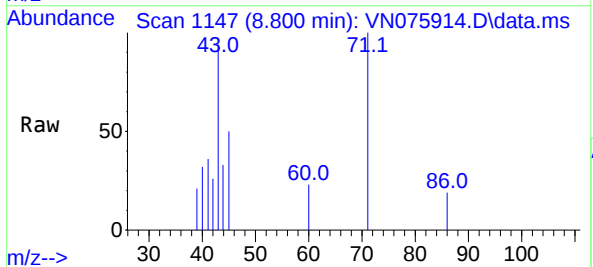


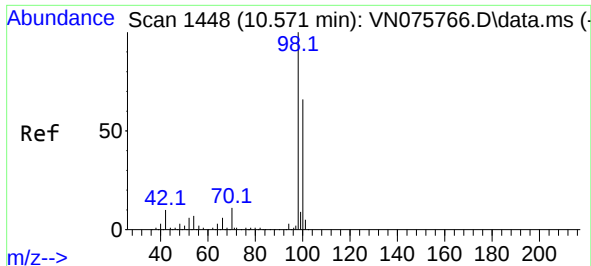
Tgt Ion:117 Resp: 40321
Ion Ratio Lower Upper
117 100
119 4.9 76.1 114.1#
121 0.0 24.5 36.7#



#43
Isopropyl Acetate
Concen: 0.356 ug/l
RT: 8.800 min Scan# 1147
Delta R.T. 0.106 min
Lab File: VN075914.D
Acq: 21 Dec 2022 13:05

Tgt Ion: 43 Resp: 2481
Ion Ratio Lower Upper
43 100
61 0.0 24.2 36.4#
87 0.0 13.3 19.9#

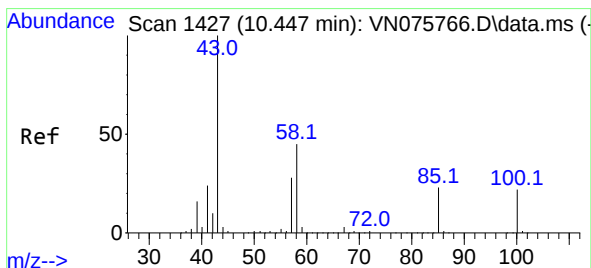
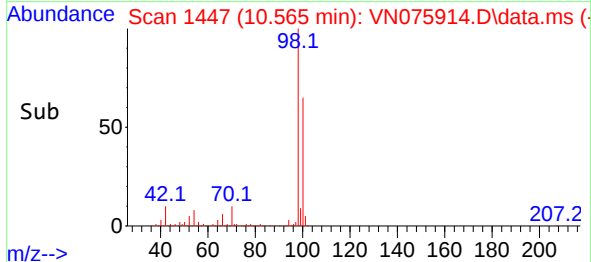
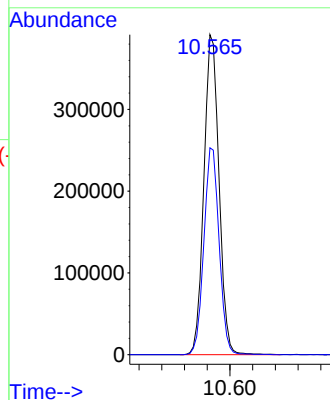
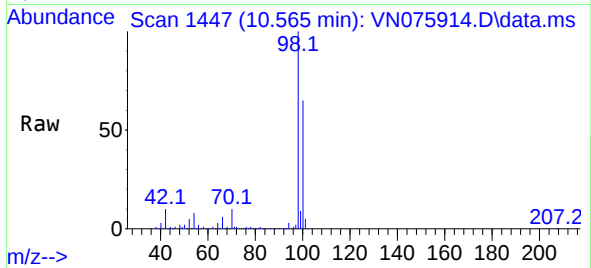




#50
Toluene-d8
Concen: 48.650 ug/l
RT: 10.565 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VN075914.D
Acq: 21 Dec 2022 13:05

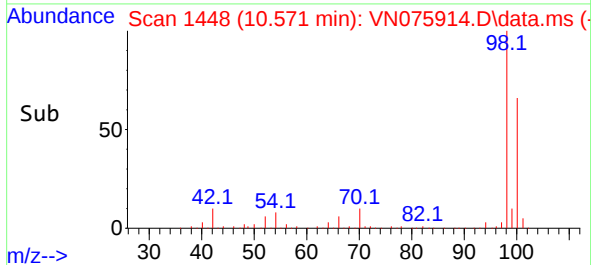
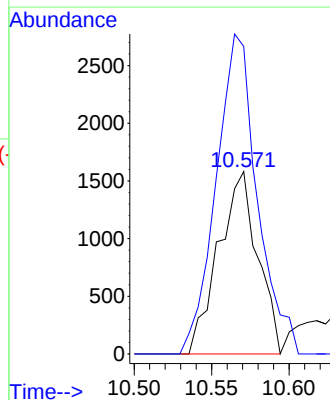
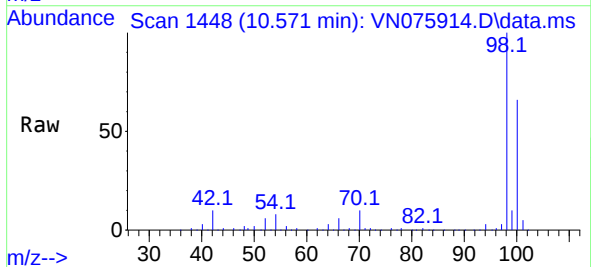
Instrument :
MSVOA_N
ClientSampleId :
OR-03-121622

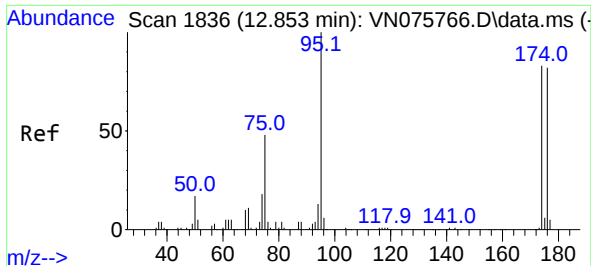
Tgt Ion: 98 Resp: 720863
Ion Ratio Lower Upper
98 100
100 65.1 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 0.657 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.124 min
Lab File: VN075914.D
Acq: 21 Dec 2022 13:05

Tgt Ion: 43 Resp: 2770
Ion Ratio Lower Upper
43 100
58 184.9 35.5 53.3#

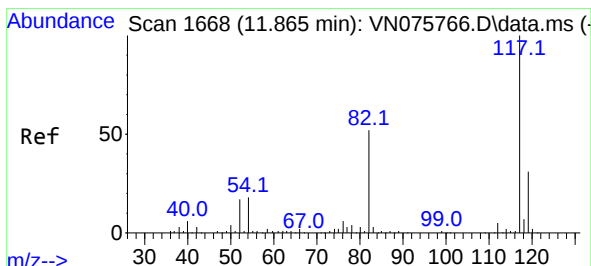
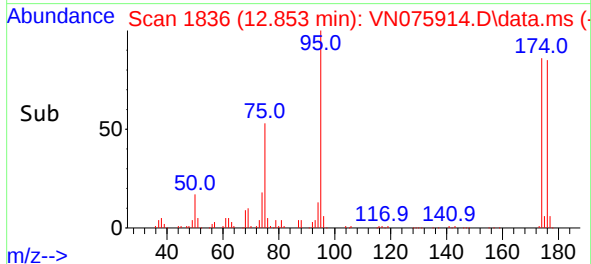
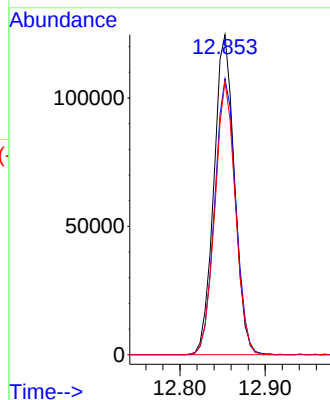
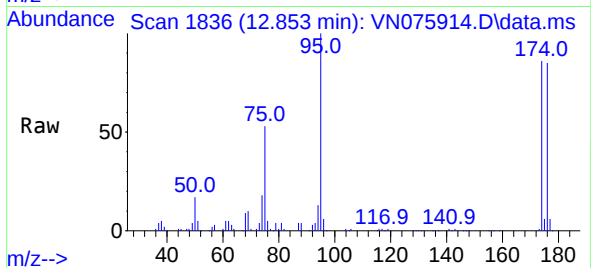




#62
4-Bromofluorobenzene
Concen: 42.540 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075914.D
Acq: 21 Dec 2022 13:05

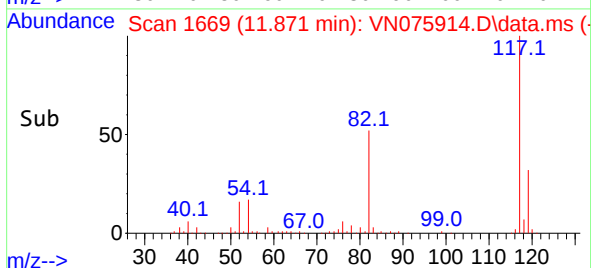
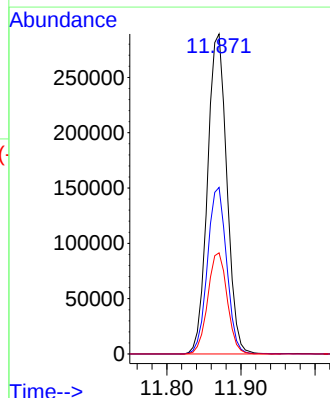
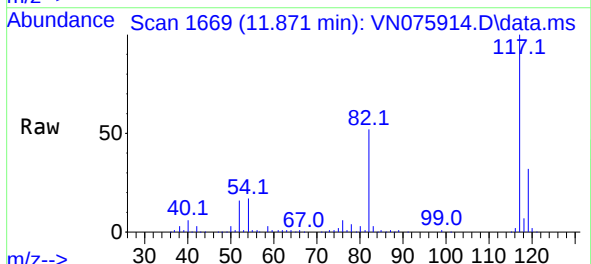
Instrument :
MSVOA_N
ClientSampleId :
OR-03-121622

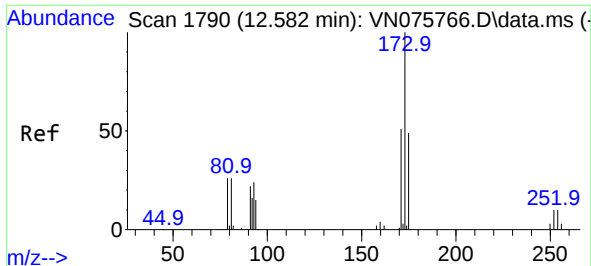
Tgt Ion: 95 Resp: 208771
Ion Ratio Lower Upper
95 100
174 88.2 0.0 171.6
176 84.7 0.0 169.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075914.D
Acq: 21 Dec 2022 13:05

Tgt Ion: 117 Resp: 523628
Ion Ratio Lower Upper
117 100
82 52.0 41.3 61.9
119 31.6 24.6 37.0

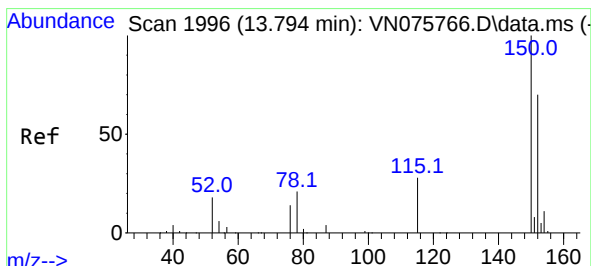
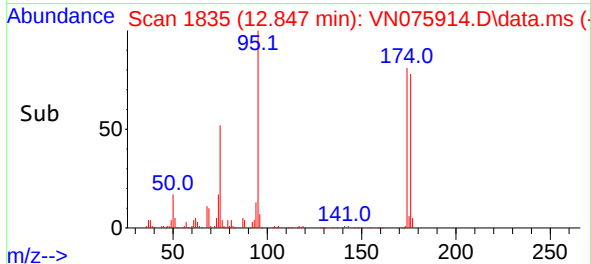
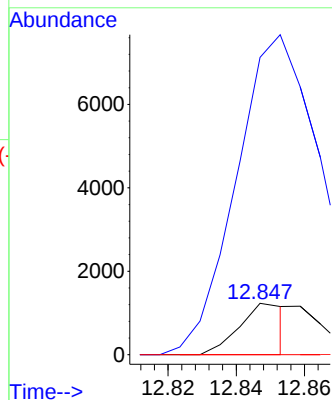
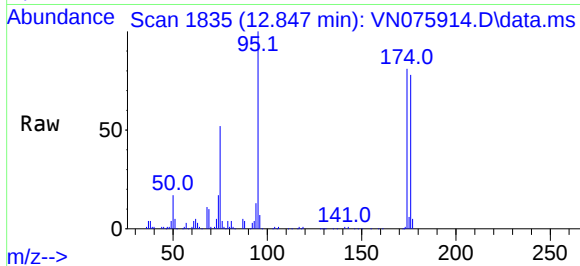




#71
Bromoform
Concen: 0.401 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.265 min
Lab File: VN075914.D
Acq: 21 Dec 2022 13:05

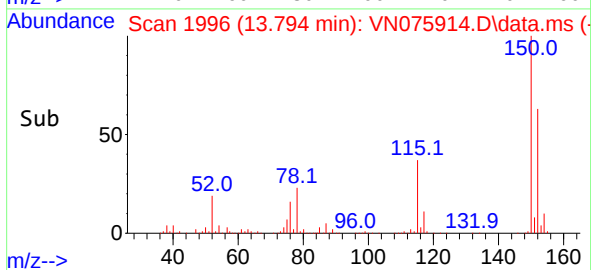
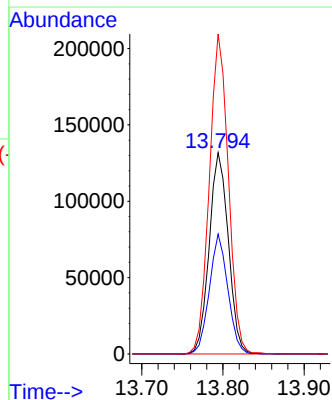
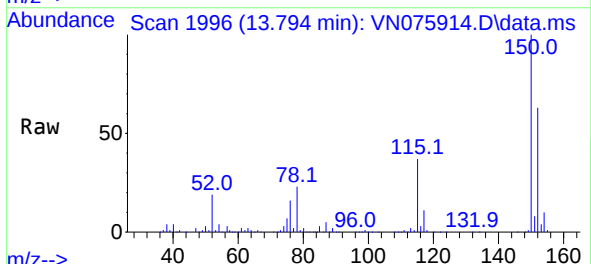
Instrument :
MSVOA_N
ClientSampleId :
OR-03-121622

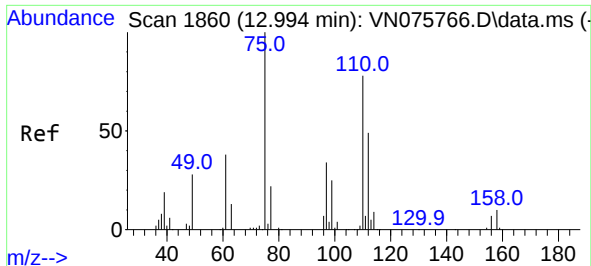
Tgt Ion:173 Resp: 1162
Ion Ratio Lower Upper
173 100
175 888.0 24.3 72.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075914.D
Acq: 21 Dec 2022 13:05

Tgt Ion:152 Resp: 215917
Ion Ratio Lower Upper
152 100
115 57.4 29.1 87.4
150 157.9 0.0 347.0

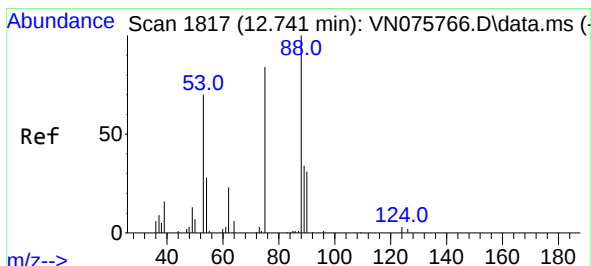
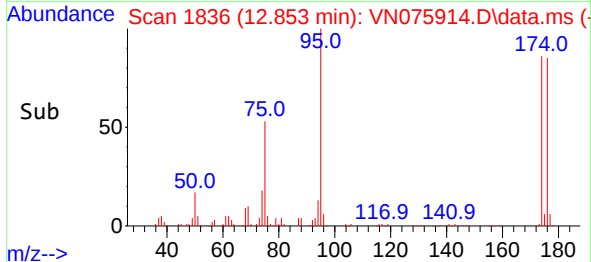
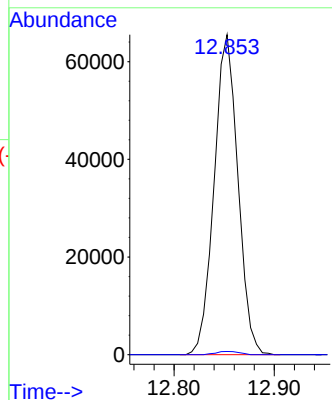
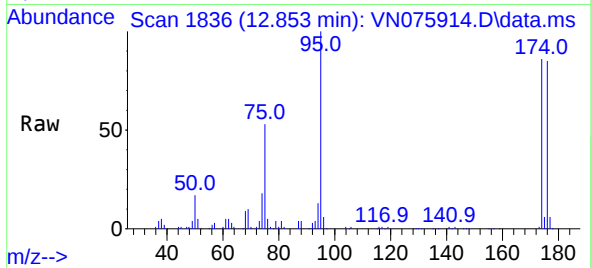




#76
1,2,3-Trichloropropane
Concen: 24.768 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN075914.D
Acq: 21 Dec 2022 13:05

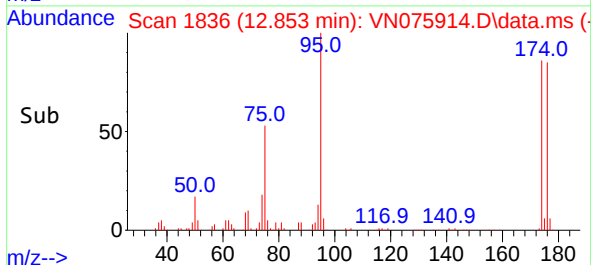
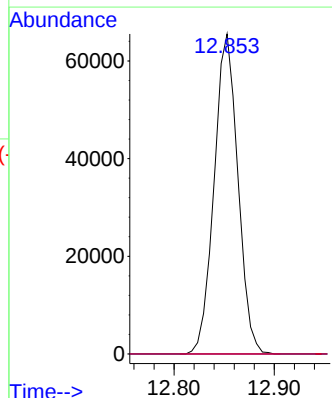
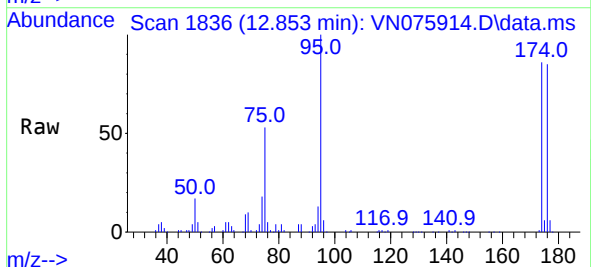
Instrument :
MSVOA_N
ClientSampleId :
OR-03-121622

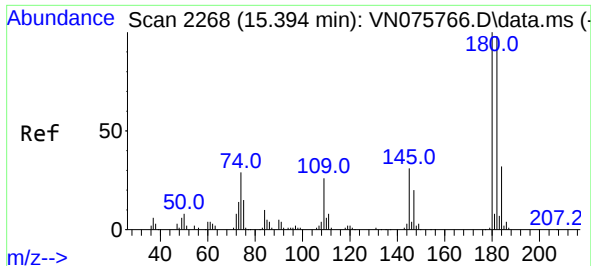
Tgt Ion: 75 Resp: 107800
Ion Ratio Lower Upper
75 100
77 1.0 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.153 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.112 min
Lab File: VN075914.D
Acq: 21 Dec 2022 13:05

Tgt Ion: 75 Resp: 107800
Ion Ratio Lower Upper
75 100
53 0.0 73.8 110.6#
89 0.0 39.5 59.3#

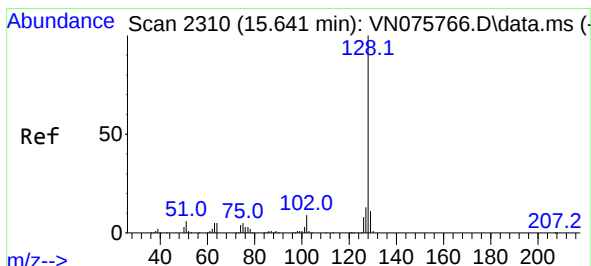
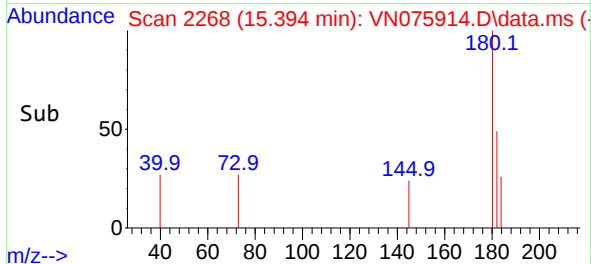
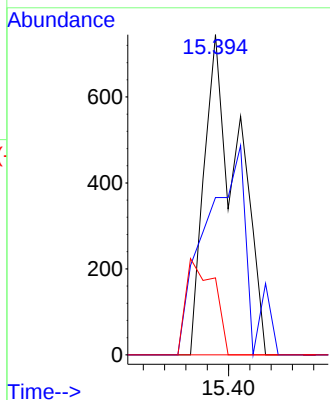
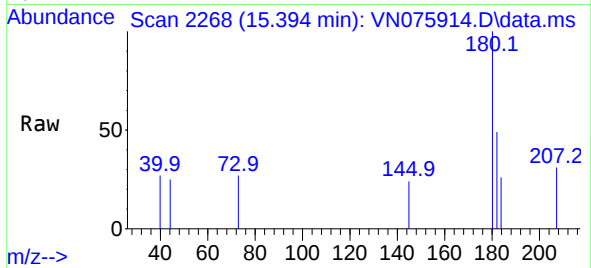




#93
1,2,4-Trichlorobenzene
Concen: 0.232 ug/l
RT: 15.394 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN075914.D
Acq: 21 Dec 2022 13:05

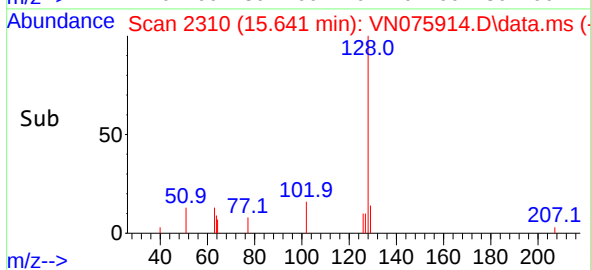
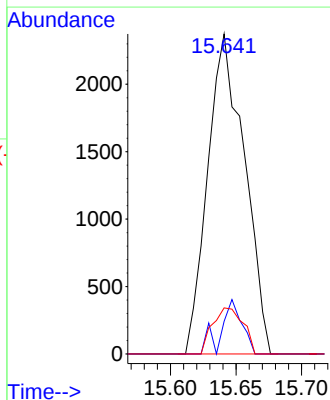
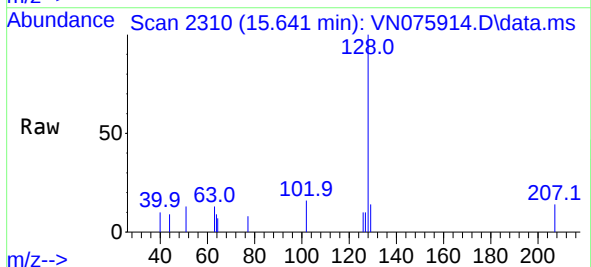
Instrument :
MSVOA_N
ClientSampleId :
OR-03-121622

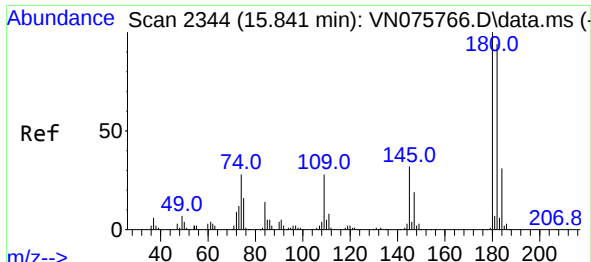
Tgt Ion:180 Resp: 826
Ion Ratio Lower Upper
180 100
182 80.3 47.5 142.5
145 0.0 15.3 45.8#



#95
Naphthalene
Concen: 2.554 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075914.D
Acq: 21 Dec 2022 13:05

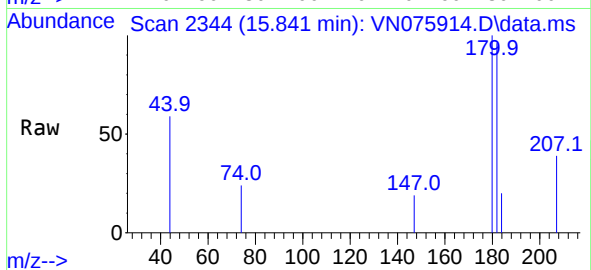
Tgt Ion:128 Resp: 4624
Ion Ratio Lower Upper
128 100
127 9.8 10.4 15.6#
129 12.0 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 0.325 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN075914.D
 Acq: 21 Dec 2022 13:05

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-03-121622



Tgt Ion:180 Resp: 1081
 Ion Ratio Lower Upper
 180 100
 182 78.3 47.0 141.0
 145 12.8 16.0 47.9#

