

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041122\
 Data File : VN071948.D
 Acq On : 11 Apr 2022 20:05
 Operator : JC\MD
 Sample : PB143992ZHE#10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 12 08:42:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

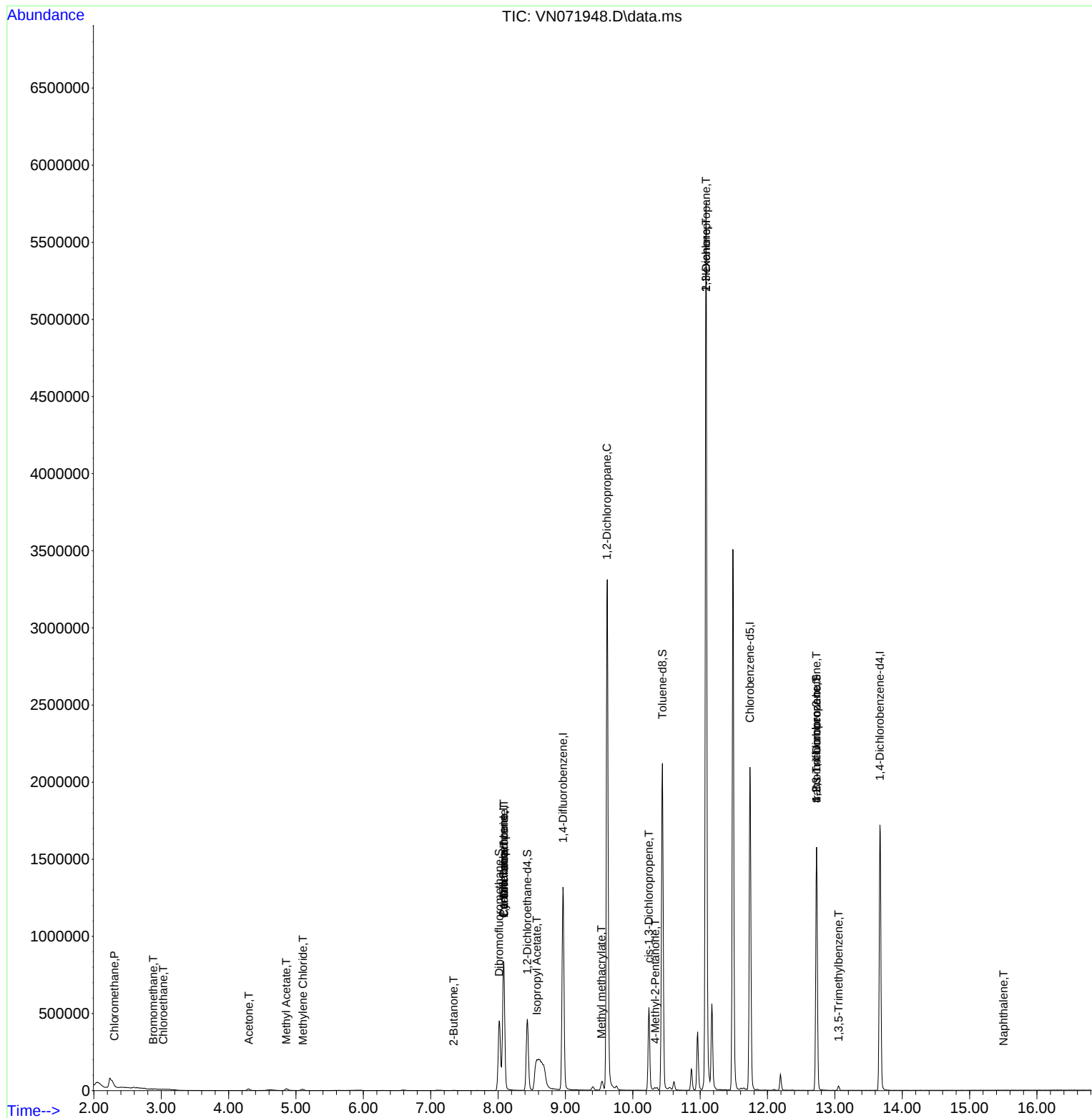
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.081	168	708619	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1225094	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1298983	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	523922	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	385714	47.680	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.360%
35) Dibromofluoromethane	8.016	113	346601	48.079	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.160%
50) Toluene-d8	10.439	98	1547146	52.463	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	104.920%
62) 4-Bromofluorobenzene	12.727	95	563410	59.072	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	118.140%
Target Compounds						
					Qvalue	
3) Chloromethane	2.304	50	2131	0.299	ug/l #	82
5) Bromomethane	2.881	94	1172	0.230	ug/l #	45
6) Chloroethane	3.028	64	3551	0.630	ug/l	89
16) Acetone	4.298	43	16372	4.736	ug/l	92
18) Methyl Acetate	4.857	43	25754	1.541	ug/l	97
20) Methylene Chloride	5.104	84	7277	0.999	ug/l #	86
25) 2-Butanone	7.339	43	3549	0.712	ug/l	92
31) Cyclohexane	8.086	56	10668	0.970	ug/l #	1
36) 1,1-Dichloropropene	8.086	75	46829	4.652	ug/l #	48
38) Carbon Tetrachloride	8.086	117	63645	6.451	ug/l #	17
43) Isopropyl Acetate	8.575	43	203451	11.101	ug/l #	69
45) 1,2-Dichloropropane	9.616	63	5112	0.643	ug/l #	44
48) Methyl methacrylate	9.533	41	15139	1.991	ug/l #	10
49) 1,4-Dioxane	9.616	88	469	Below Cal	#	1
51) 4-Methyl-2-Pentanone	10.333	43	9502	0.902	ug/l	89
54) cis-1,3-Dichloropropene	10.239	75	111552	9.072	ug/l #	57
57) 1,3-Dichloropropane	11.086	76	68366	4.942	ug/l #	43
59) 2-Hexanone	11.086	43	799428	107.757	ug/l #	49
76) 1,2,3-Trichloropropane	12.727	75	267800	22.065	ug/l #	1
80) 1,3,5-Trimethylbenzene	13.057	105	14172	0.405	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.727	75	267800	68.378	ug/l #	10
95) Naphthalene	15.504	128	153	3.809	ug/l #	69

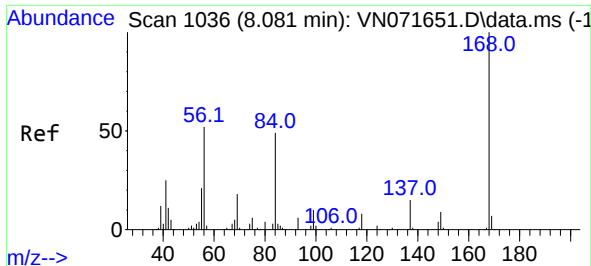
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041122\
Data File : VN071948.D
Acq On : 11 Apr 2022 20:05
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Sample : PB143992ZHE#10
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

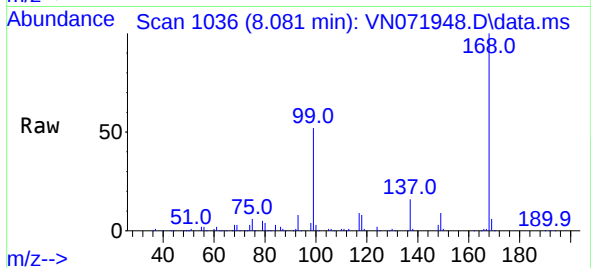
Quant Time: Apr 12 08:42:55 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 31 01:57:54 2022
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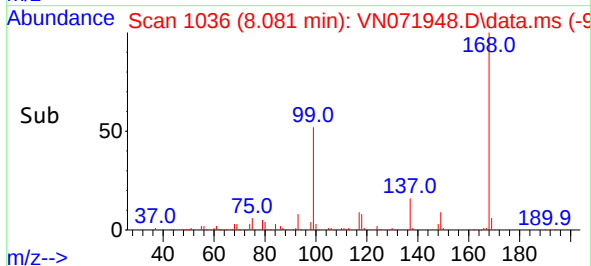
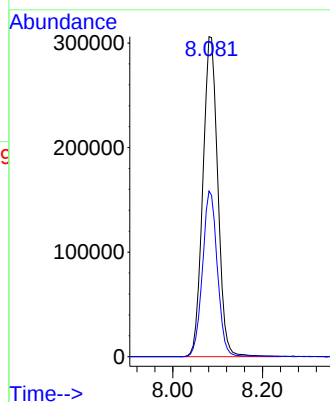


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN071948.D
Acq: 11 Apr 2022 20:05

Instrument :
MSVOA_N
ClientSampleId :

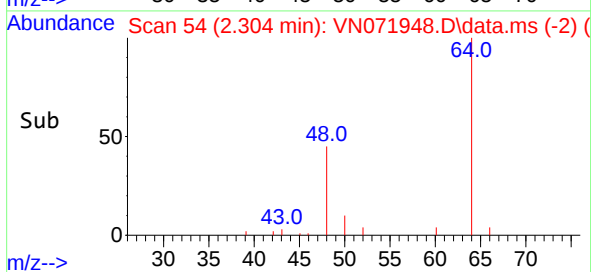
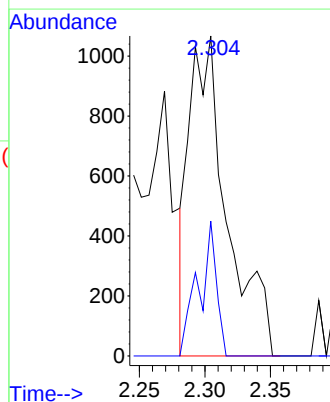
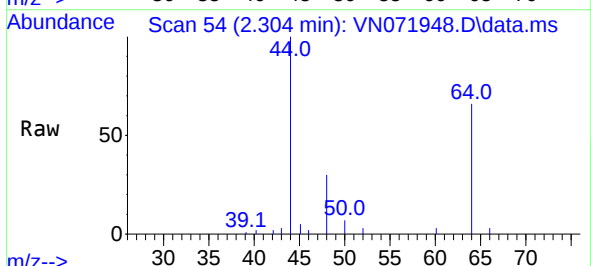


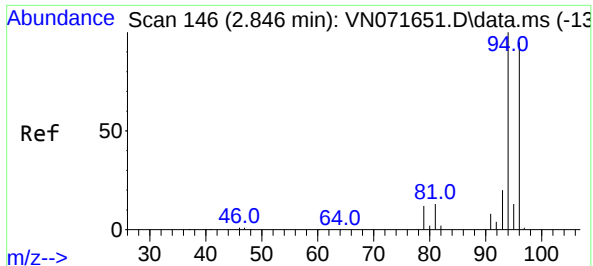
Tgt Ion:168 Resp: 708619
Ion Ratio Lower Upper
168 100
99 51.8 42.3 63.5



#3
Chloromethane
Concen: 0.299 ug/l
RT: 2.304 min Scan# 54
Delta R.T. 0.005 min
Lab File: VN071948.D
Acq: 11 Apr 2022 20:05

Tgt Ion: 50 Resp: 2131
Ion Ratio Lower Upper
50 100
52 42.2 25.7 38.5#

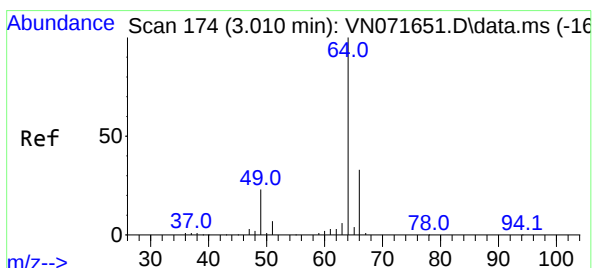
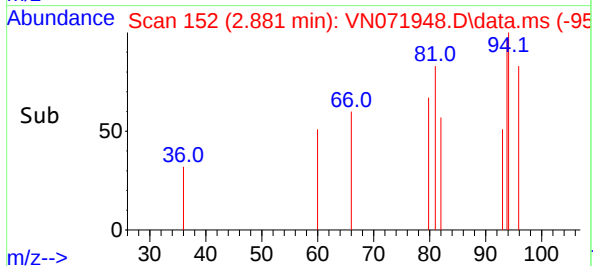
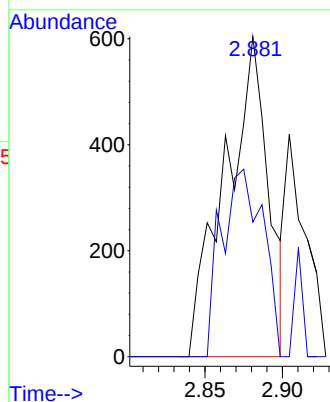
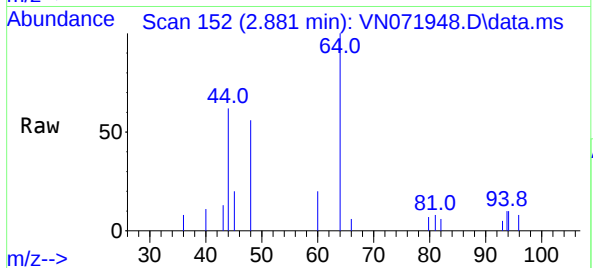




#5
Bromomethane
Concen: 0.230 ug/l
RT: 2.881 min Scan# 1172
Delta R.T. 0.035 min
Lab File: VN071948.D
Acq: 11 Apr 2022 20:05

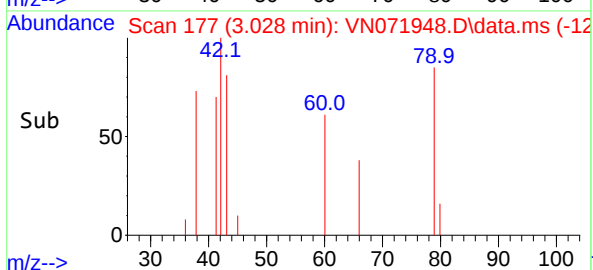
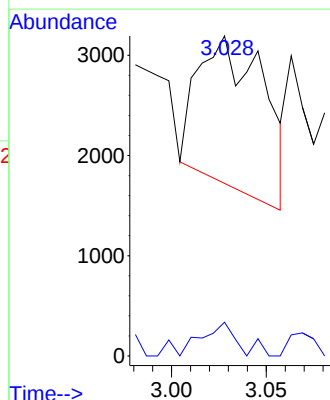
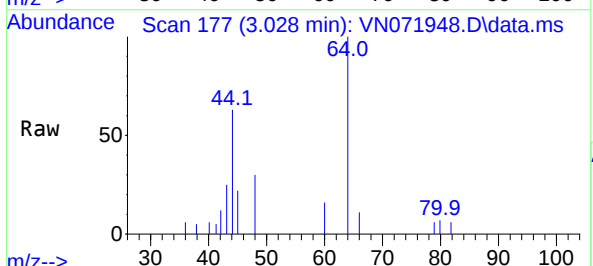
Instrument :
MSVOA_N
ClientSampleId :

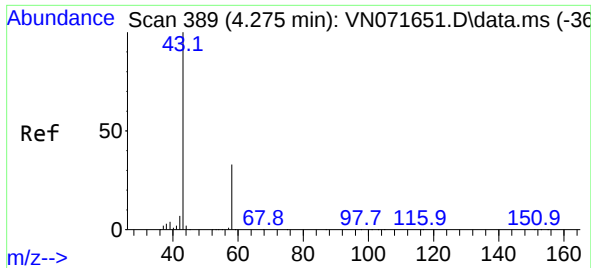
Tgt Ion: 94 Resp: 1172
Ion Ratio Lower Upper
94 100
96 42.1 76.0 114.0#



#6
Chloroethane
Concen: 0.630 ug/l
RT: 3.028 min Scan# 177
Delta R.T. 0.018 min
Lab File: VN071948.D
Acq: 11 Apr 2022 20:05

Tgt Ion: 64 Resp: 3551
Ion Ratio Lower Upper
64 100
66 26.8 26.2 39.4

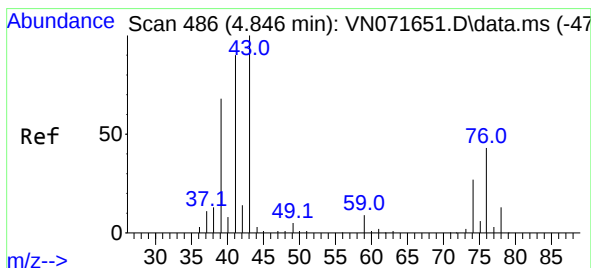
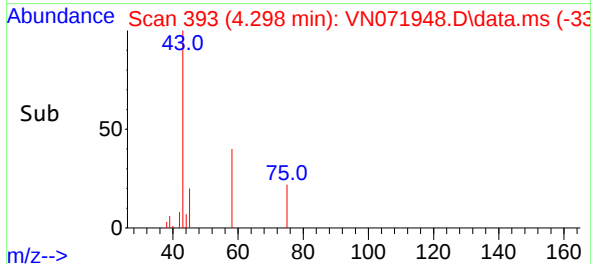
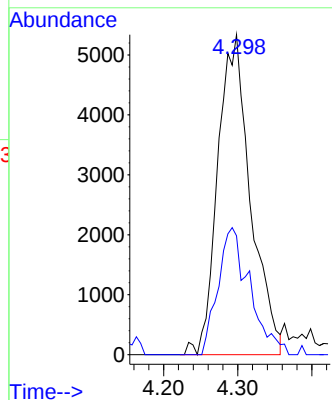
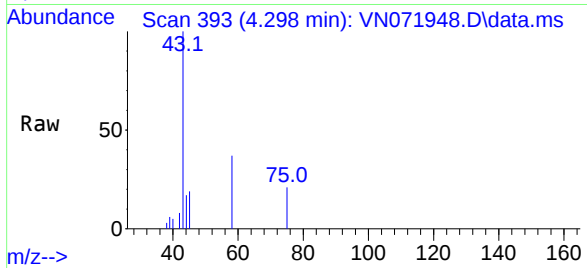




#16
Acetone
Concen: 4.736 ug/l
RT: 4.298 min Scan# 393
Delta R.T. 0.023 min
Lab File: VN071948.D
Acq: 11 Apr 2022 20:05

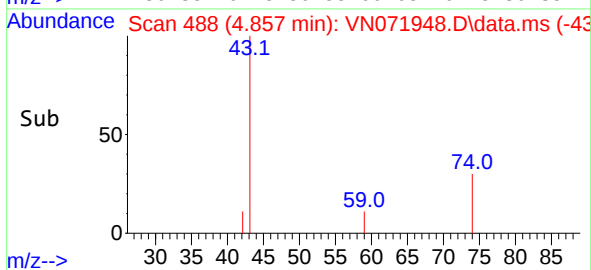
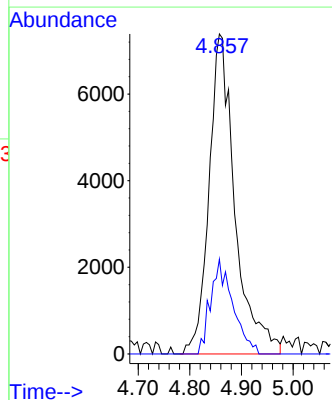
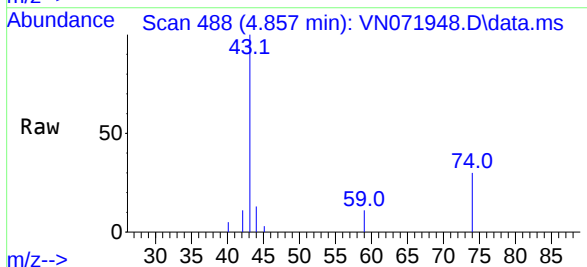
Instrument :
MSVOA_N
ClientSampleId :

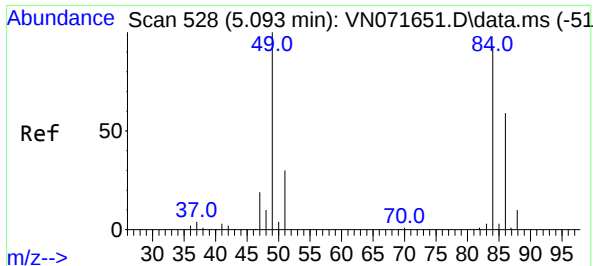
Tgt Ion: 43 Resp: 16372
Ion Ratio Lower Upper
43 100
58 37.1 26.0 39.0



#18
Methyl Acetate
Concen: 1.541 ug/l
RT: 4.857 min Scan# 488
Delta R.T. 0.011 min
Lab File: VN071948.D
Acq: 11 Apr 2022 20:05

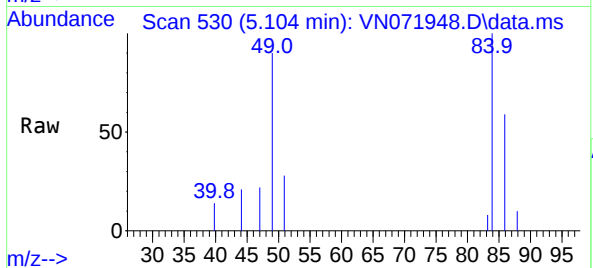
Tgt Ion: 43 Resp: 25754
Ion Ratio Lower Upper
43 100
74 25.4 21.6 32.4





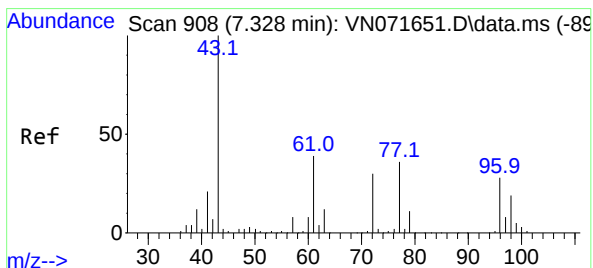
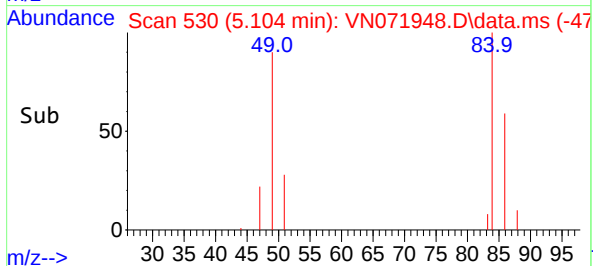
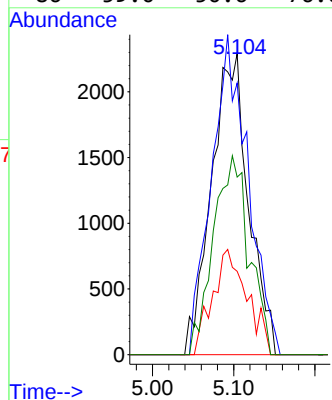
#20
Methylene Chloride
Concen: 0.999 ug/l
RT: 5.104 min Scan# 51
Delta R.T. 0.011 min
Lab File: VN071948.D
Acq: 11 Apr 2022 20:05

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 84 Resp: 7277

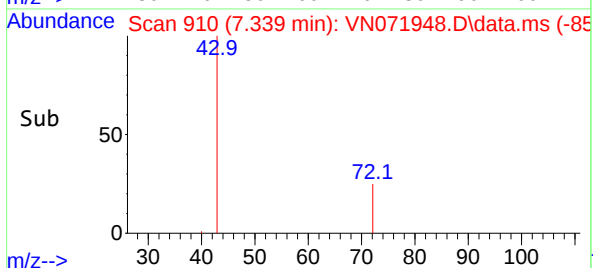
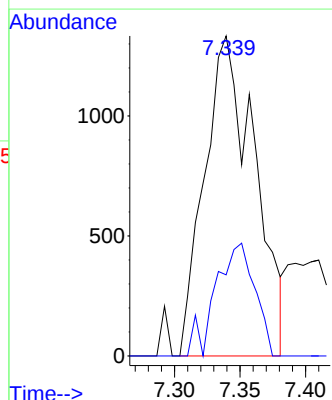
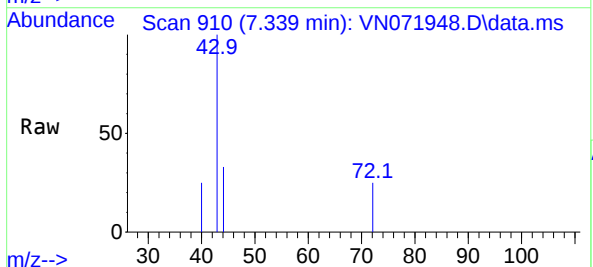
Ion	Ratio	Lower	Upper
84	100		
49	90.2	88.3	132.5
51	27.7	28.2	42.2#
86	59.0	50.6	76.0

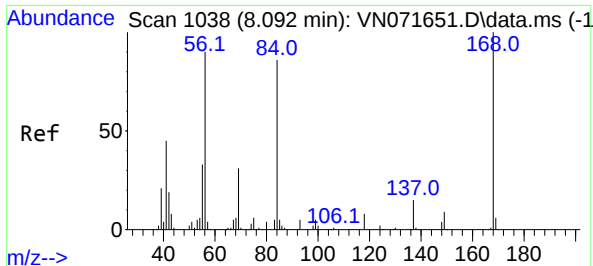


#25
2-Butanone
Concen: 0.712 ug/l
RT: 7.339 min Scan# 910
Delta R.T. 0.011 min
Lab File: VN071948.D
Acq: 11 Apr 2022 20:05

Tgt Ion: 43 Resp: 3549

Ion	Ratio	Lower	Upper
43	100		
72	25.4	23.7	35.5





#31

Cyclohexane

Concen: 0.970 ug/l

RT: 8.086 min Scan# 1037

Delta R.T. -0.006 min

Lab File: VN071948.D

Acq: 11 Apr 2022 20:05

Instrument :

MSVOA_N

ClientSampleId :

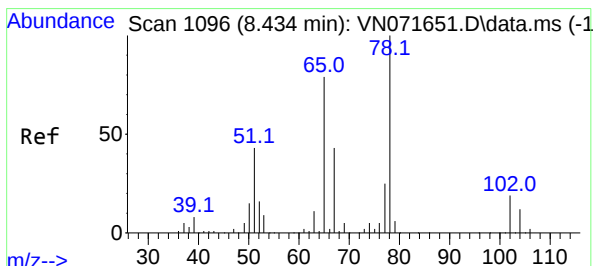
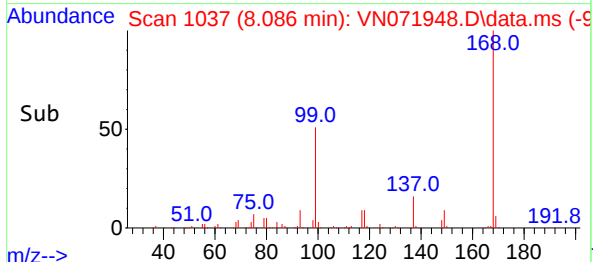
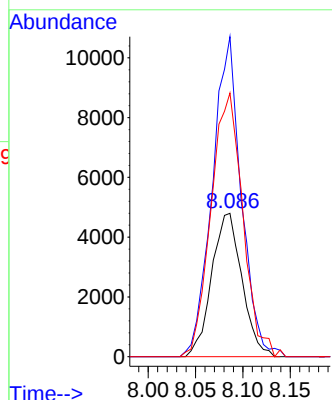
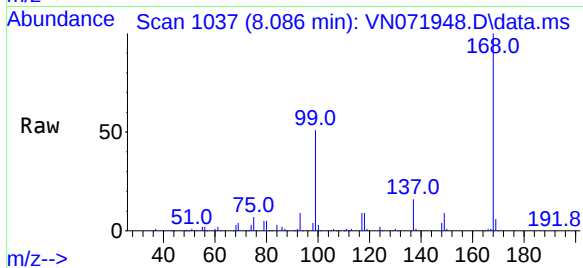
Tgt Ion: 56 Resp: 10668

Ion Ratio Lower Upper

56 100

69 223.1 27.8 41.8#

84 183.9 76.9 115.3#



#33

1,2-Dichloroethane-d4

Concen: 47.680 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. -0.001 min

Lab File: VN071948.D

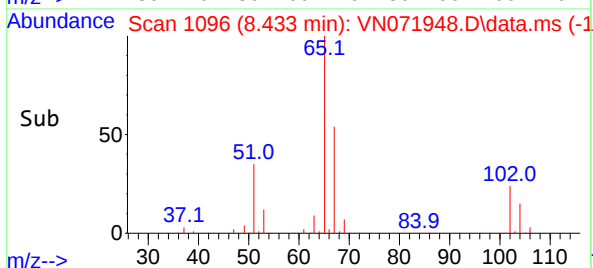
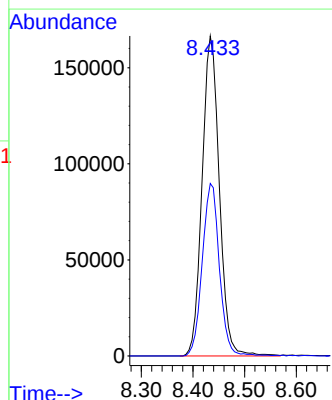
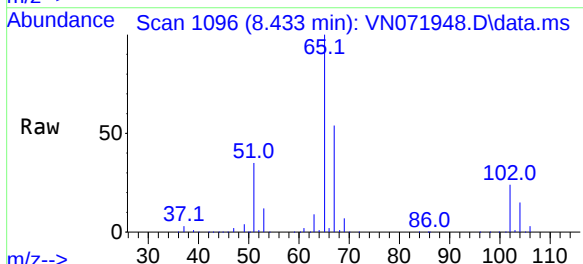
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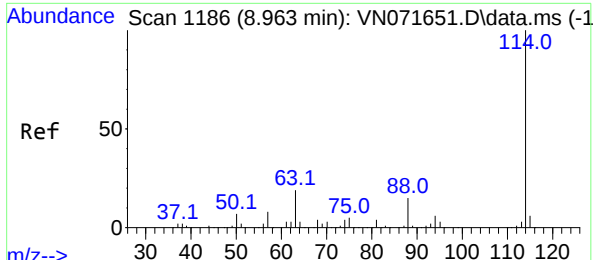
Tgt Ion: 65 Resp: 385714

Ion Ratio Lower Upper

65 100

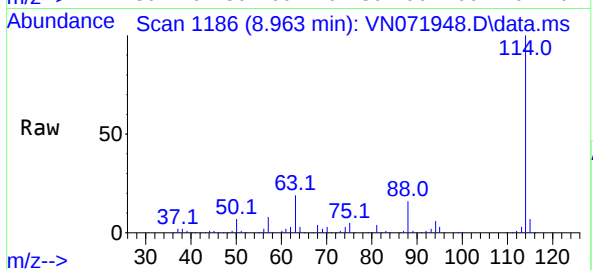
67 53.6 0.0 104.8



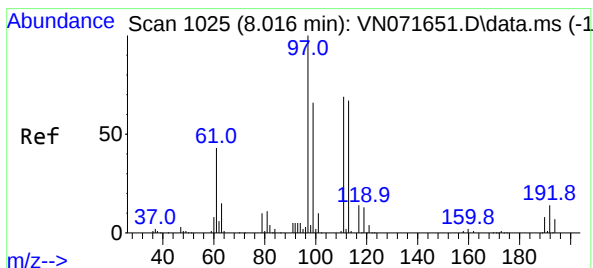
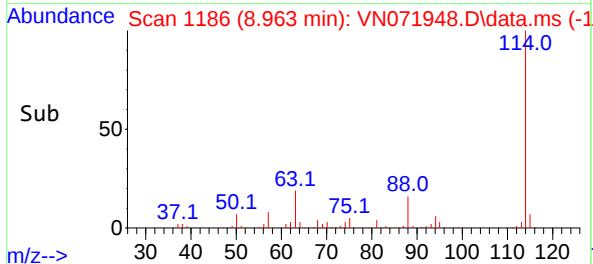
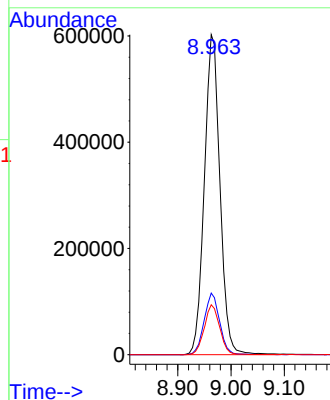


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071948.D
Acq: 11 Apr 2022 20:05

Instrument :
MSVOA_N
ClientSampleId :

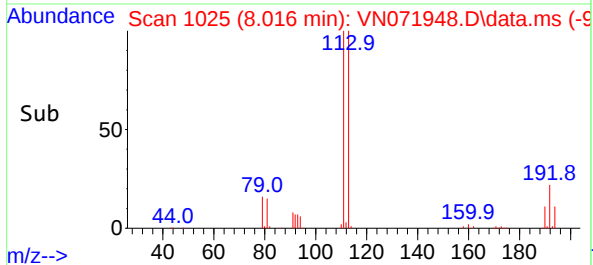
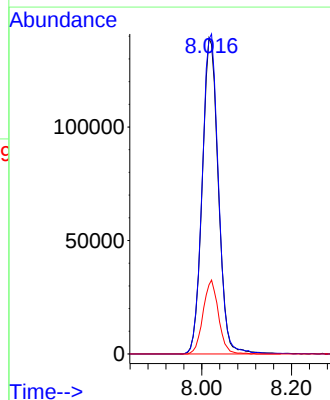
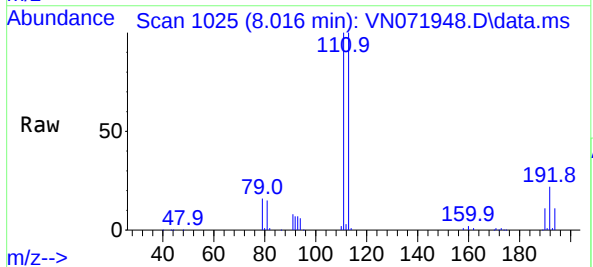


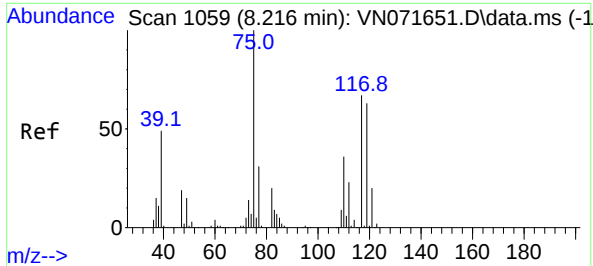
Tgt Ion:114 Resp: 1225094
Ion Ratio Lower Upper
114 100
63 19.2 0.0 40.0
88 15.6 0.0 32.6



#35
Dibromofluoromethane
Concen: 48.079 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN071948.D
Acq: 11 Apr 2022 20:05

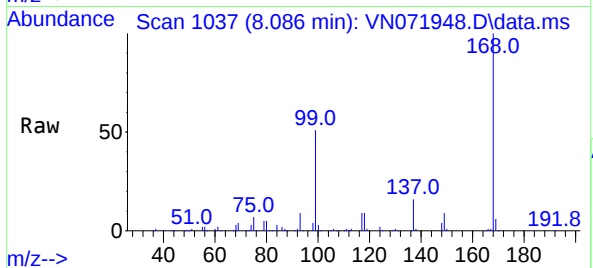
Tgt Ion:113 Resp: 346601
Ion Ratio Lower Upper
113 100
111 101.9 81.4 122.0
192 22.4 17.0 25.6



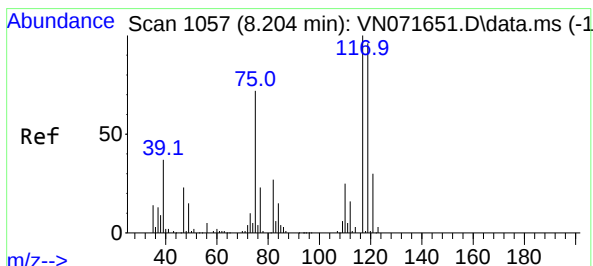
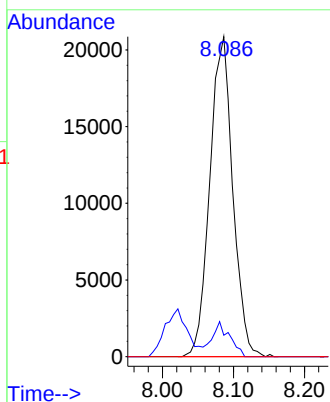
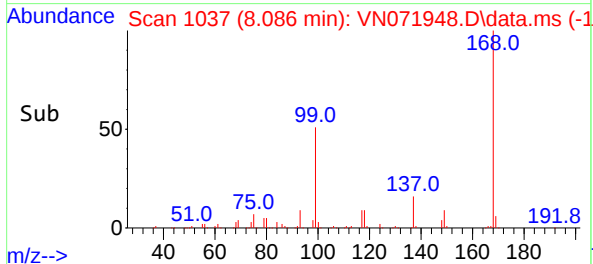


#36
1,1-Dichloropropene
Concen: 4.652 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. -0.130 min
Lab File: VN071948.D
Acq: 11 Apr 2022 20:05

Instrument :
MSVOA_N
ClientSampleId :

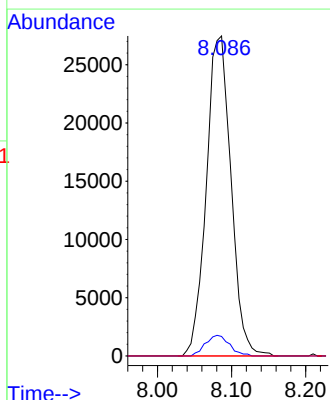
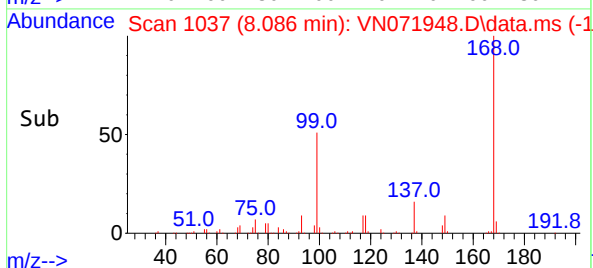
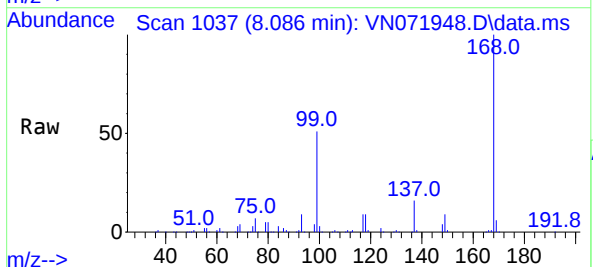


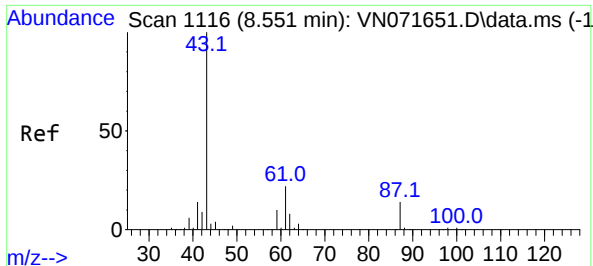
Tgt Ion: 75 Resp: 46829
Ion Ratio Lower Upper
75 100
110 8.3 18.3 54.8#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 6.451 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. -0.118 min
Lab File: VN071948.D
Acq: 11 Apr 2022 20:05

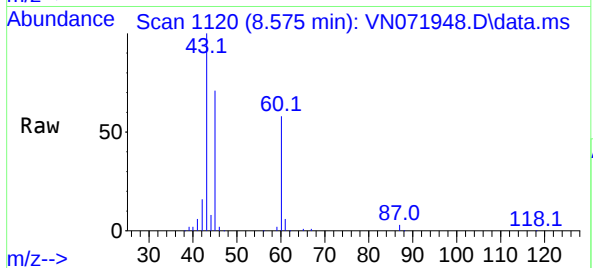
Tgt Ion: 117 Resp: 63645
Ion Ratio Lower Upper
117 100
119 6.1 75.8 113.8#
121 0.0 24.6 37.0#



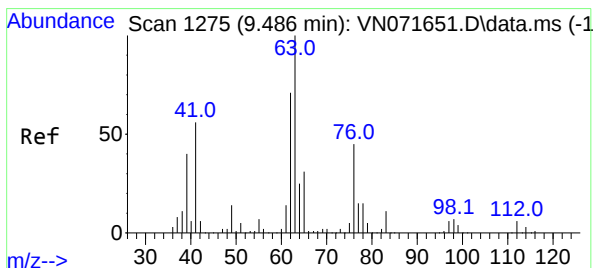
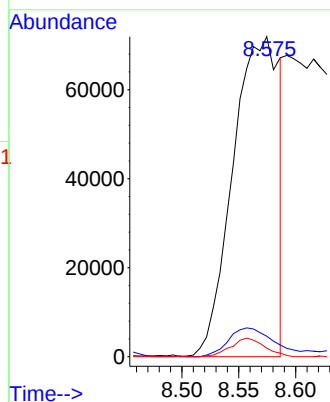
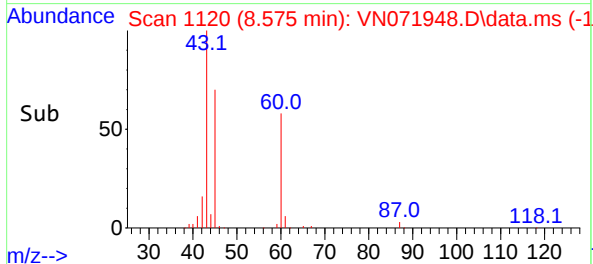


#43
Isopropyl Acetate
Concen: 11.101 ug/l
RT: 8.575 min Scan# 1116
Delta R.T. 0.024 min
Lab File: VN071948.D
Acq: 11 Apr 2022 20:05

Instrument :
MSVOA_N
ClientSampleId :

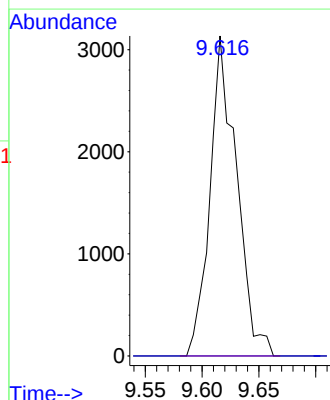
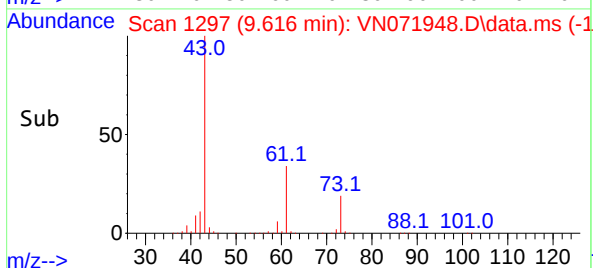
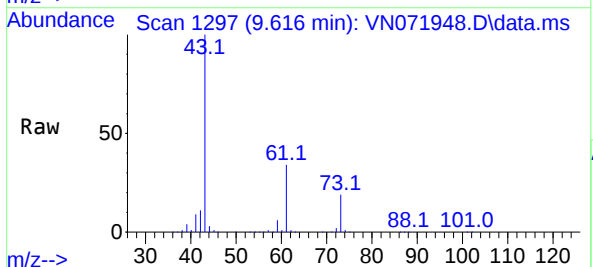


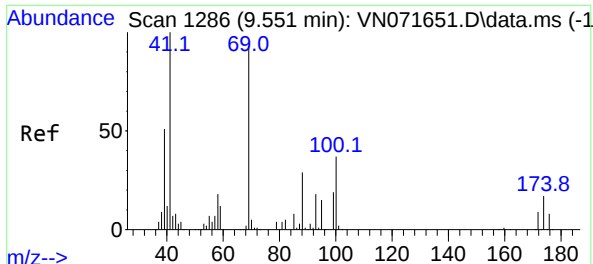
Tgt Ion: 43 Resp: 203451
Ion Ratio Lower Upper
43 100
61 9.4 21.9 32.9#
87 4.3 12.0 18.0#



#45
1,2-Dichloropropane
Concen: 0.643 ug/l
RT: 9.616 min Scan# 1297
Delta R.T. 0.130 min
Lab File: VN071948.D
Acq: 11 Apr 2022 20:05

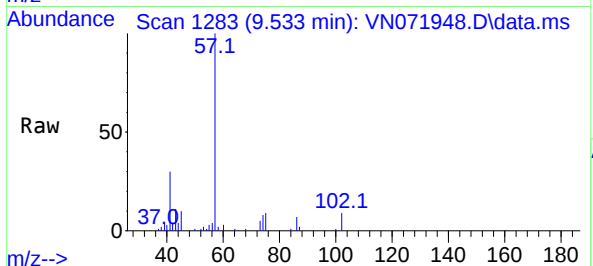
Tgt Ion: 63 Resp: 5112
Ion Ratio Lower Upper
63 100
65 0.0 24.9 37.3#



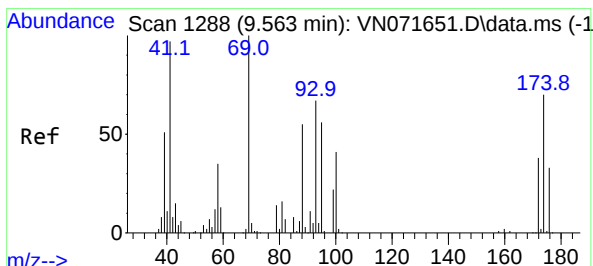
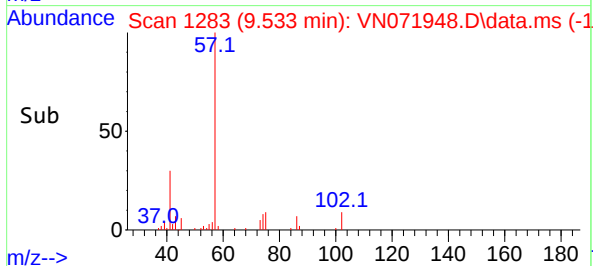
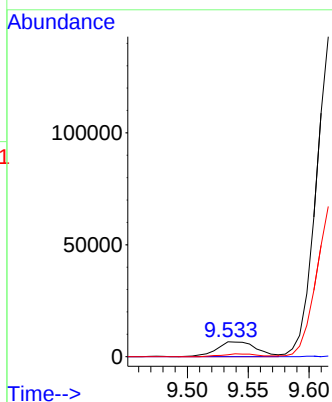


#48
Methyl methacrylate
Concen: 1.991 ug/l
RT: 9.533 min Scan# 1283
Delta R.T. -0.018 min
Lab File: VN071948.D
Acq: 11 Apr 2022 20:05

Instrument :
MSVOA_N
ClientSampleId :

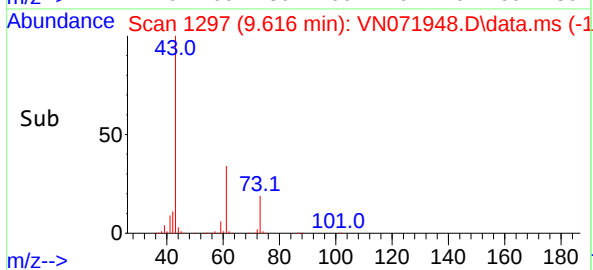
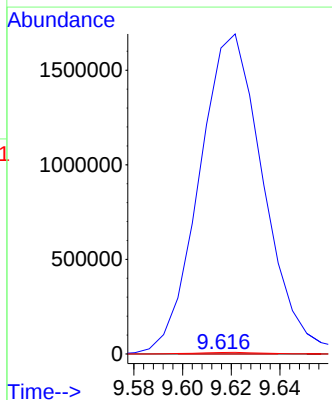
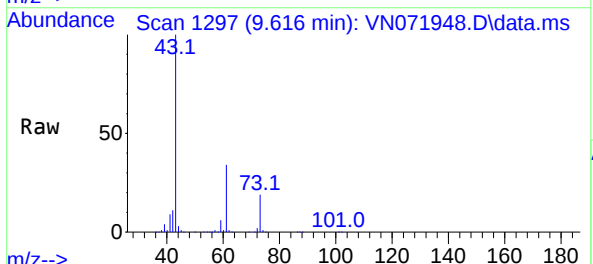


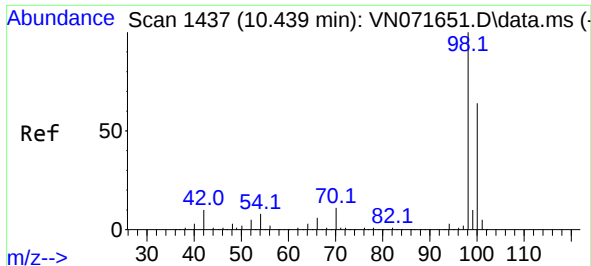
Tgt Ion: 41 Resp: 15139
Ion Ratio Lower Upper
41 100
69 0.0 74.7 112.1#
39 0.0 45.6 68.4#



#49
1,4-Dioxane
Concen: Below Cal
RT: 9.616 min Scan# 1297
Delta R.T. 0.053 min
Lab File: VN071948.D
Acq: 11 Apr 2022 20:05

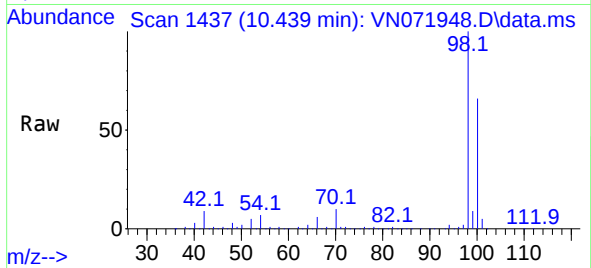
Tgt Ion: 88 Resp: 469
Ion Ratio Lower Upper
88 100
43 675947.3 20.2 30.4#
58 3277.8 54.2 81.4#



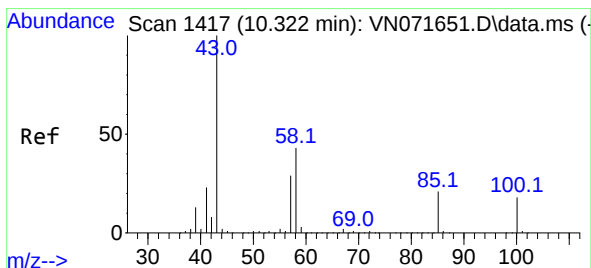
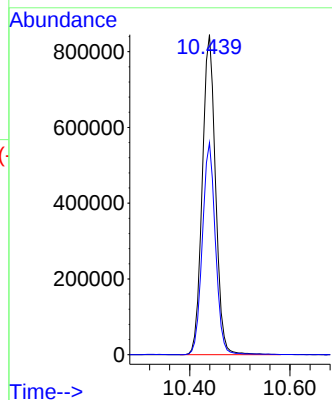
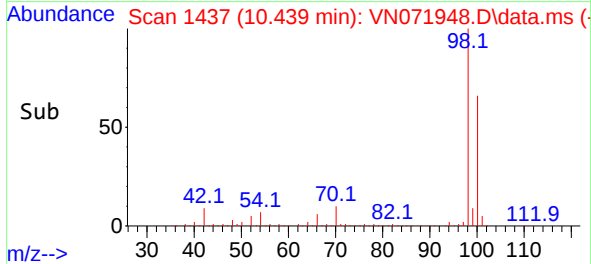


#50
Toluene-d8
Concen: 52.463 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071948.D
Acq: 11 Apr 2022 20:05

Instrument :
MSVOA_N
ClientSampleId :

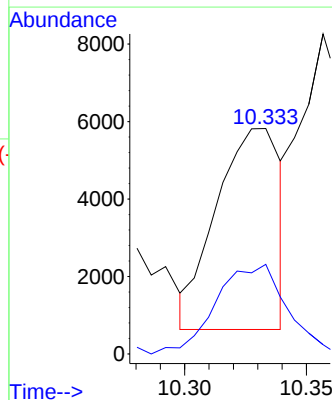
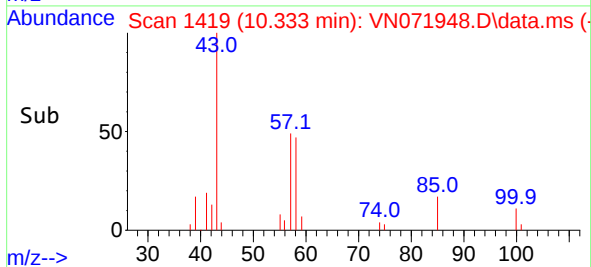
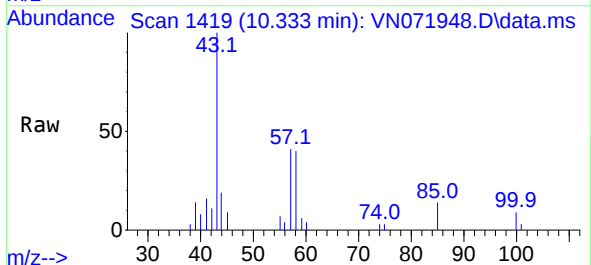


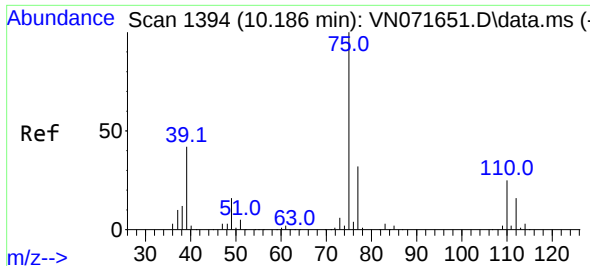
Tgt Ion: 98 Resp: 1547146
Ion Ratio Lower Upper
98 100
100 65.7 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.902 ug/l
RT: 10.333 min Scan# 1419
Delta R.T. 0.011 min
Lab File: VN071948.D
Acq: 11 Apr 2022 20:05

Tgt Ion: 43 Resp: 9502
Ion Ratio Lower Upper
43 100
58 49.4 34.1 51.1

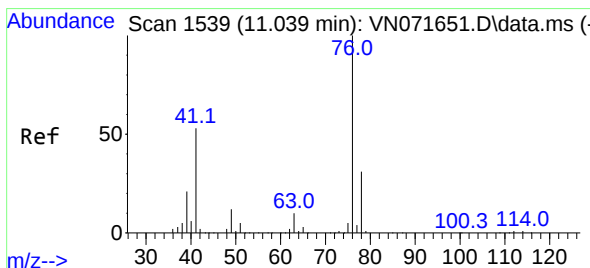
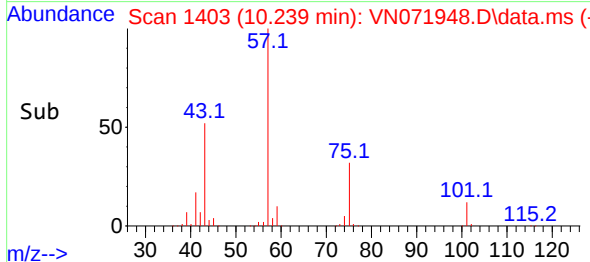
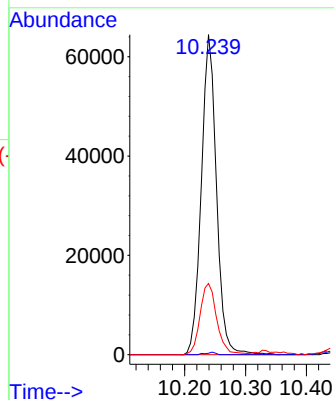
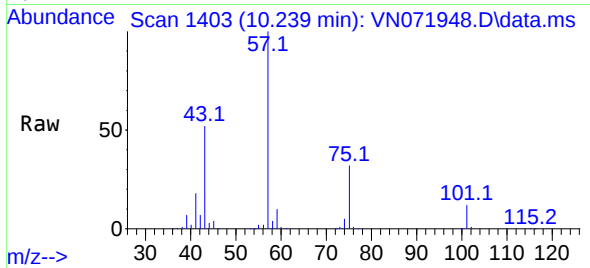




#54
cis-1,3-Dichloropropene
Concen: 9.072 ug/l
RT: 10.239 min Scan# 1403
Delta R.T. 0.053 min
Lab File: VN071948.D
Acq: 11 Apr 2022 20:05

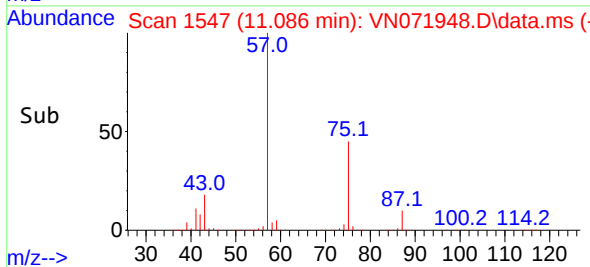
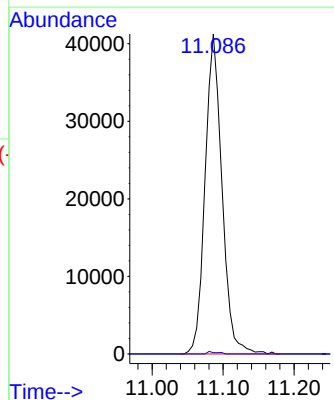
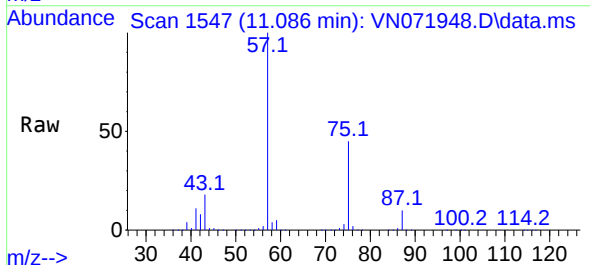
Instrument :
MSVOA_N
ClientSampleId :

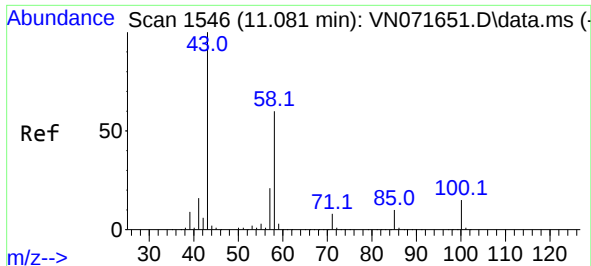
Tgt Ion: 75 Resp: 111552
Ion Ratio Lower Upper
75 100
77 0.5 25.2 37.8#
39 22.2 35.7 53.5#



#57
1,3-Dichloropropane
Concen: 4.942 ug/l
RT: 11.086 min Scan# 1547
Delta R.T. 0.047 min
Lab File: VN071948.D
Acq: 11 Apr 2022 20:05

Tgt Ion: 76 Resp: 68366
Ion Ratio Lower Upper
76 100
78 0.4 26.2 39.2#





#59

2-Hexanone

Concen: 107.757 ug/l

RT: 11.086 min Scan# 1547

Delta R.T. 0.005 min

Lab File: VN071948.D

Acq: 11 Apr 2022 20:05

Instrument :

MSVOA_N

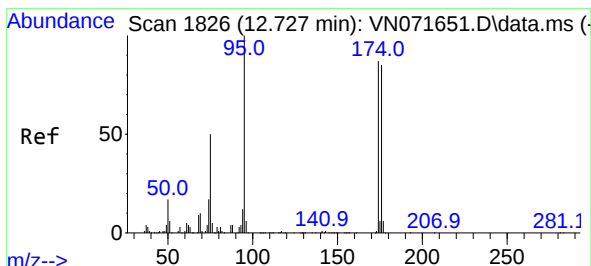
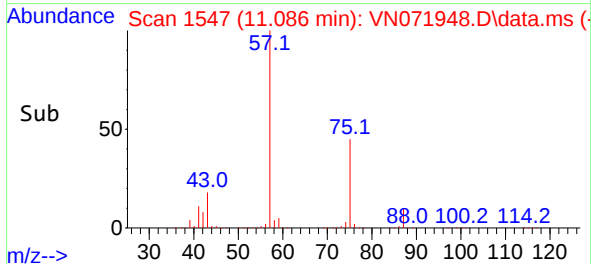
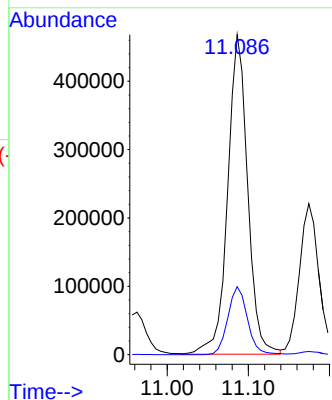
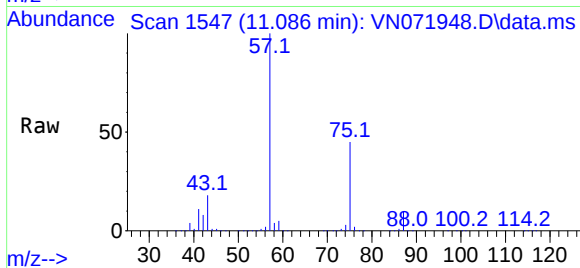
ClientSampleId :

Tgt Ion: 43 Resp: 799428

Ion Ratio Lower Upper

43 100

58 20.9 29.7 89.1#



#62

4-Bromofluorobenzene

Concen: 59.072 ug/l

RT: 12.727 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN071948.D

Acq: 11 Apr 2022 20:05

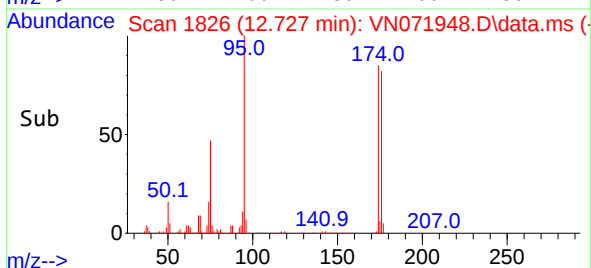
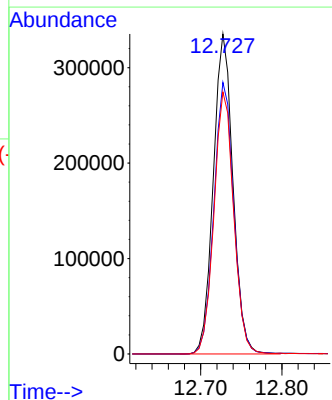
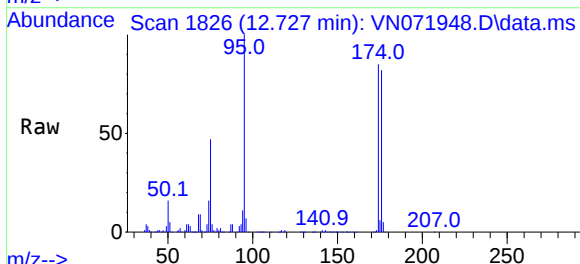
Tgt Ion: 95 Resp: 563410

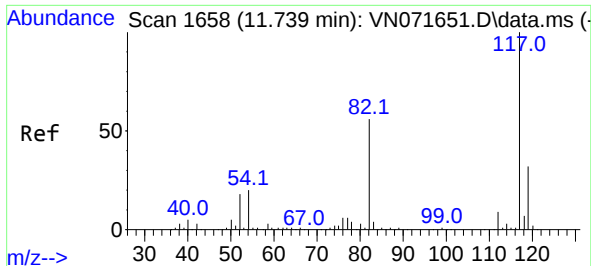
Ion Ratio Lower Upper

95 100

174 85.8 0.0 167.6

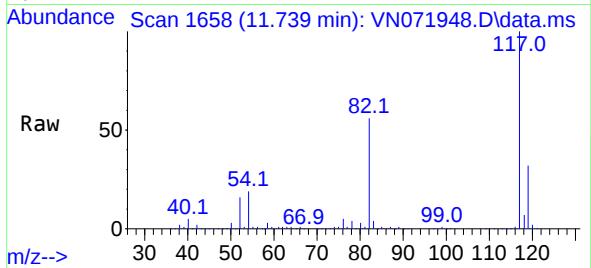
176 82.3 0.0 163.4





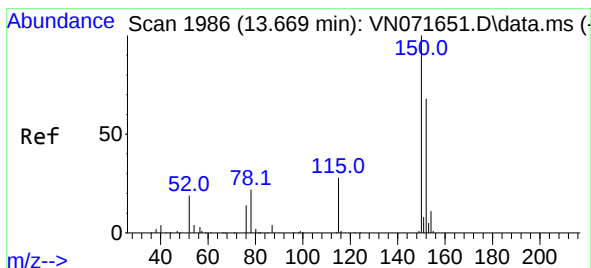
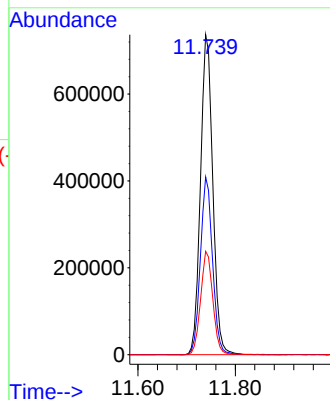
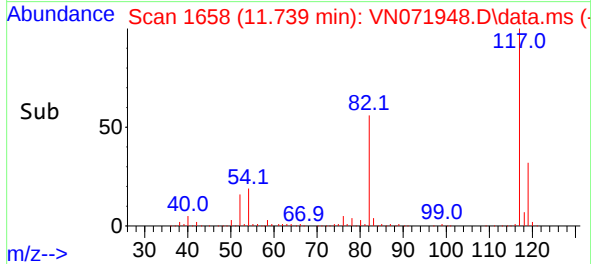
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN071948.D
Acq: 11 Apr 2022 20:05

Instrument :
MSVOA_N
ClientSampleId :

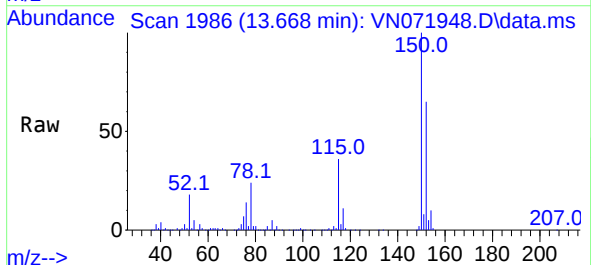


Tgt Ion:117 Resp: 1298983

Ion	Ratio	Lower	Upper
117	100		
82	55.5	44.2	66.2
119	32.3	25.4	38.0

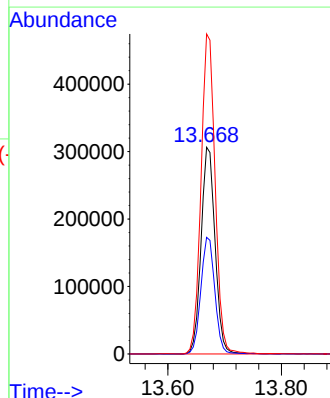
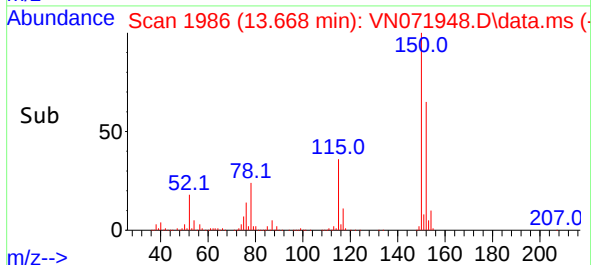


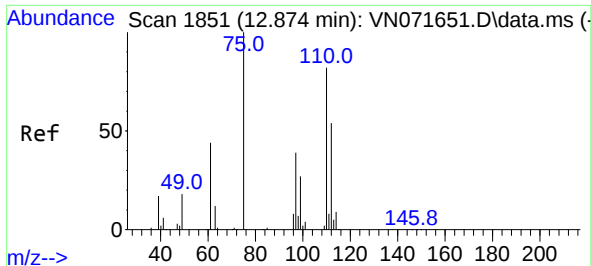
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN071948.D
Acq: 11 Apr 2022 20:05



Tgt Ion:152 Resp: 523922

Ion	Ratio	Lower	Upper
152	100		
115	56.5	28.9	86.7
150	156.7	0.0	356.2

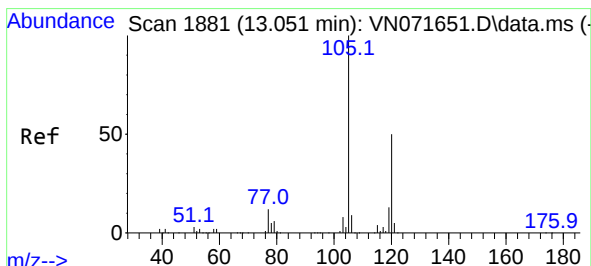
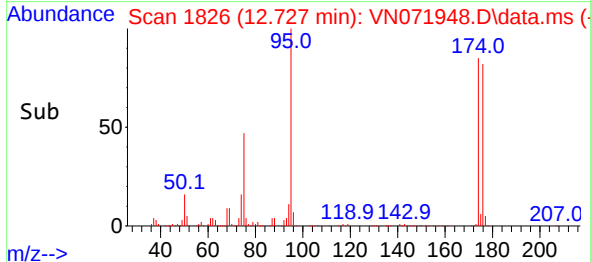
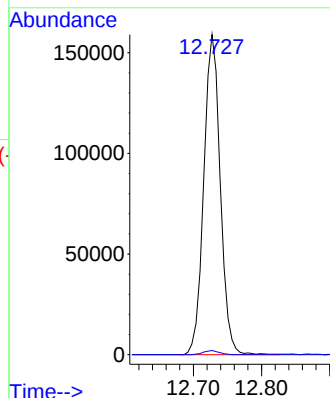
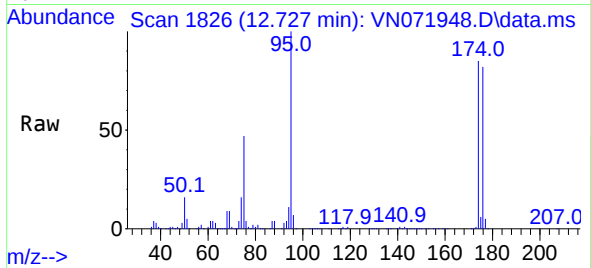




#76
1,2,3-Trichloropropane
Concen: 22.065 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN071948.D
Acq: 11 Apr 2022 20:05

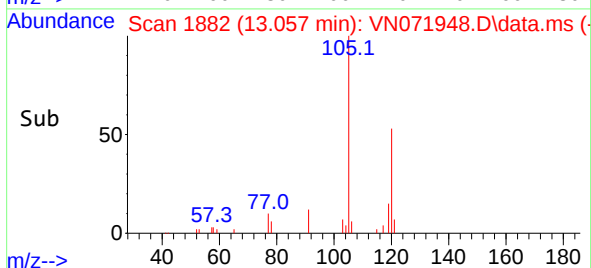
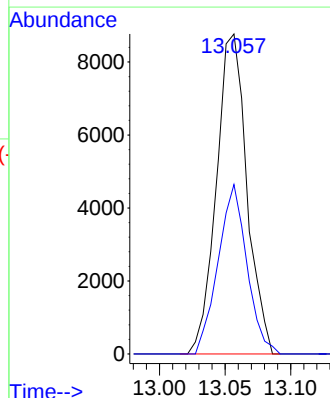
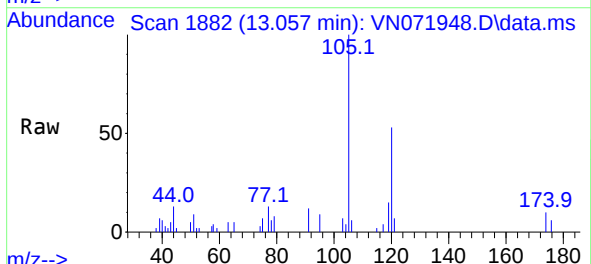
Instrument :
MSVOA_N
ClientSampleId :

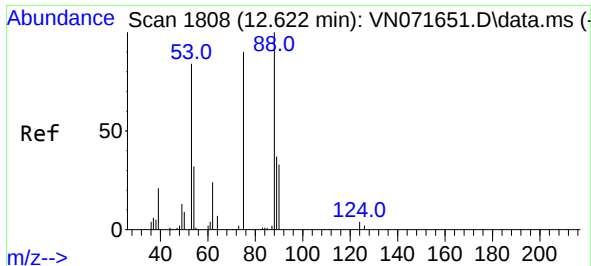
Tgt Ion: 75 Resp: 267800
Ion Ratio Lower Upper
75 100
77 1.2 98.5 295.5#



#80
1,3,5-Trimethylbenzene
Concen: 0.405 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN071948.D
Acq: 11 Apr 2022 20:05

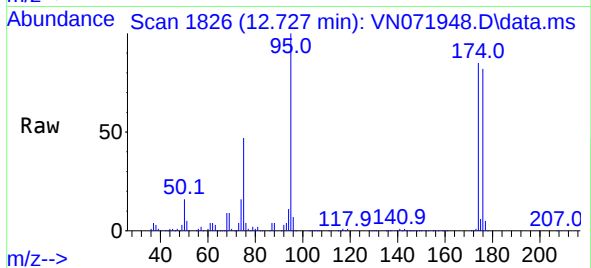
Tgt Ion: 105 Resp: 14172
Ion Ratio Lower Upper
105 100
120 50.0 24.9 74.7



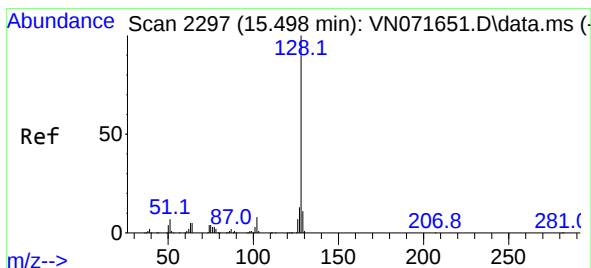
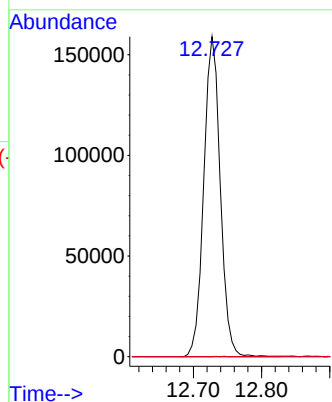
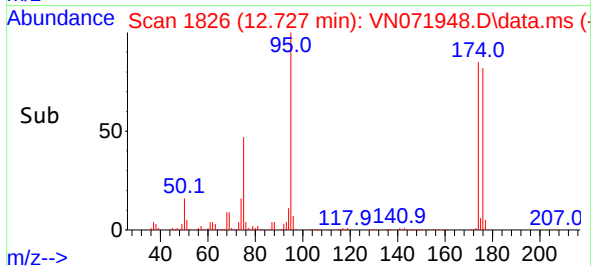


#81
trans-1,4-Dichloro-2-butene
Concen: 68.378 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.105 min
Lab File: VN071948.D
Acq: 11 Apr 2022 20:05

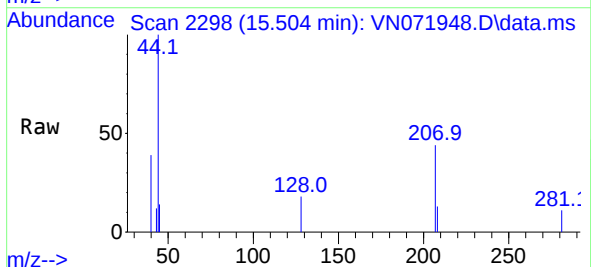
Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 267800
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



#95
Naphthalene
Concen: 3.809 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VN071948.D
Acq: 11 Apr 2022 20:05



Tgt Ion: 128 Resp: 153
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.6 13.0#

