

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021722\
 Data File : VN070977.D
 Acq On : 17 Feb 2022 14:14
 Operator : JC\MD
 Sample : N1581-25 40X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP02-20220215

Quant Time: Feb 18 00:44:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 16 07:52:42 2022
 Response via : Initial Calibration

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

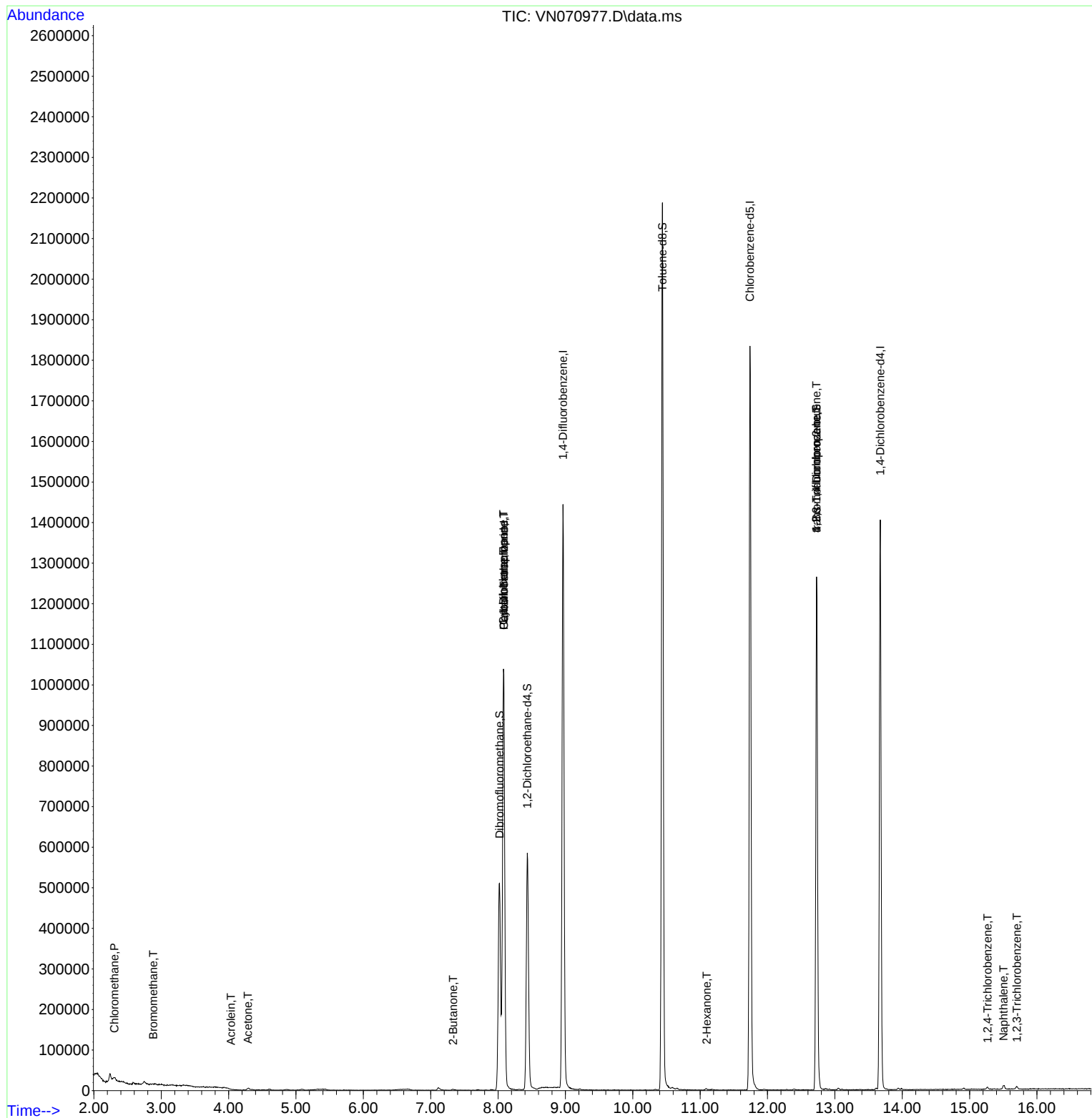
Internal Standards						
1) Pentafluorobenzene	8.086	168	831605	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1289612	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1139616	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	411177	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	478409	50.361	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.720%			
35) Dibromofluoromethane	8.022	113	386455	50.381	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.760%			
50) Toluene-d8	10.439	98	1518227	49.286	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.580%			
62) 4-Bromofluorobenzene	12.727	95	457257	41.528	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 83.060%			
Target Compounds					Qvalue	
3) Chloromethane	2.305	50	2429	0.224	ug/l #	82
5) Bromomethane	2.881	94	1607	0.260	ug/l	91
13) Acrolein	4.034	56	813	0.526	ug/l #	50
16) Acetone	4.287	43	4628	0.885	ug/l	98
18) Methyl Acetate	4.857	43	1608	Below Cal	#	79
25) 2-Butanone	7.334	43	1854	0.266	ug/l	94
31) Cyclohexane	8.081	56	16447	1.001	ug/l #	1
36) 1,1-Dichloropropene	8.081	75	60962	4.851	ug/l #	48
38) Carbon Tetrachloride	8.086	117	79034	6.383	ug/l #	15
59) 2-Hexanone	11.098	43	3272	0.368	ug/l	86
76) 1,2,3-Trichloropropane	12.727	75	232684	24.035	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	232684	77.883	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.268	180	2547	2.322	ug/l	95
95) Naphthalene	15.504	128	10820	5.519	ug/l	97
96) 1,2,3-Trichlorobenzene	15.704	180	2982	2.922	ug/l	99

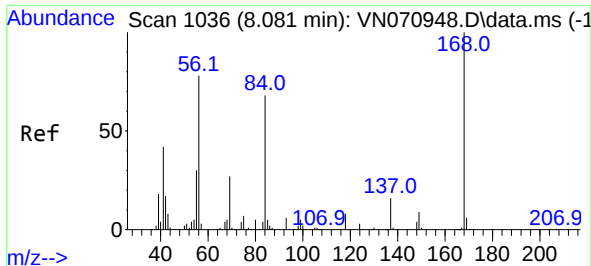
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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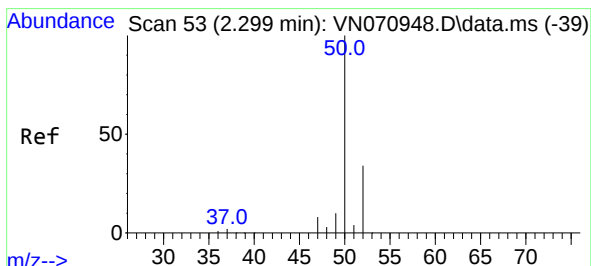
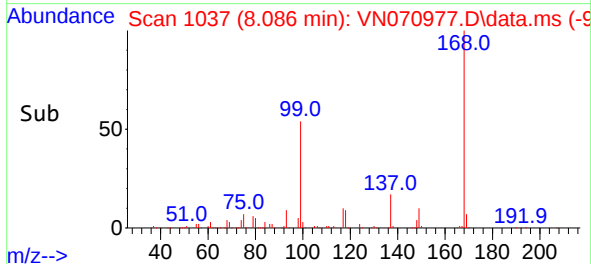
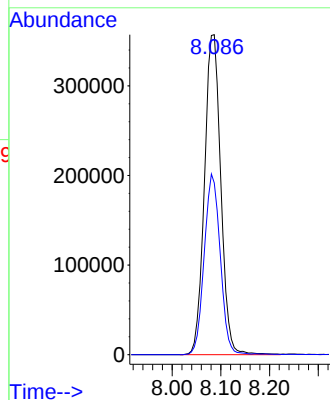
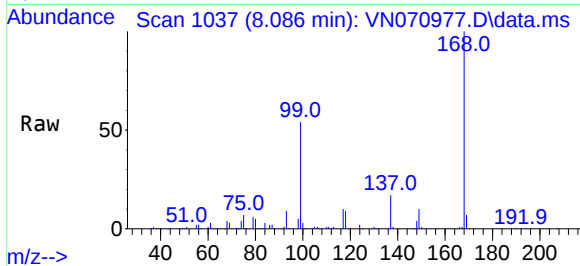




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN070977.D
Acq: 17 Feb 2022 14:14

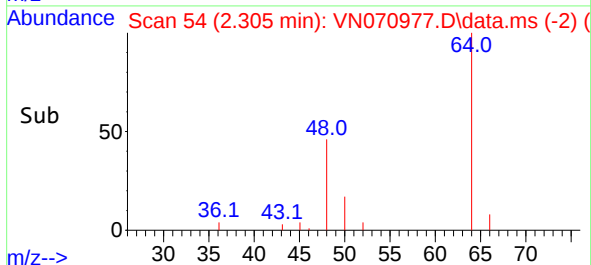
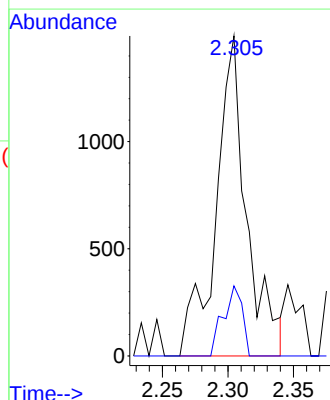
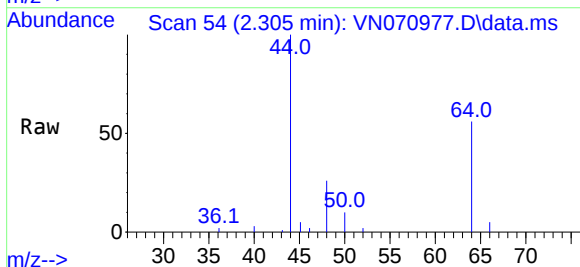
Instrument :
MSVOA_N
ClientSampleId :
DUP02-20220215

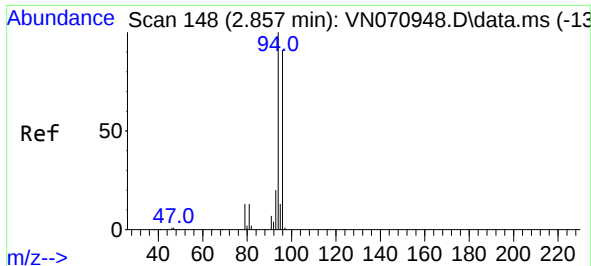
Tgt Ion:168 Resp: 831605
Ion Ratio Lower Upper
168 100
99 53.7 41.3 61.9



#3
Chloromethane
Concen: 0.224 ug/l
RT: 2.305 min Scan# 54
Delta R.T. 0.006 min
Lab File: VN070977.D
Acq: 17 Feb 2022 14:14

Tgt Ion: 50 Resp: 2429
Ion Ratio Lower Upper
50 100
52 21.9 25.4 38.0#

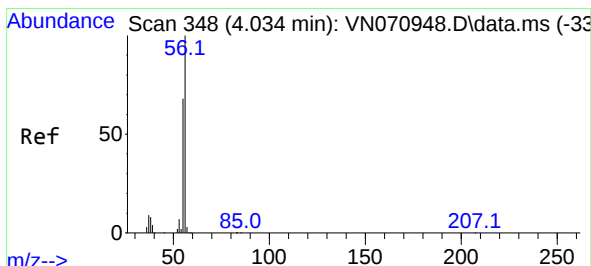
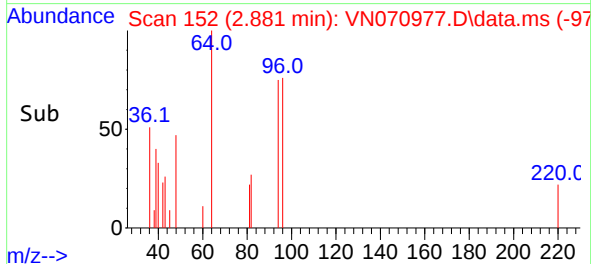
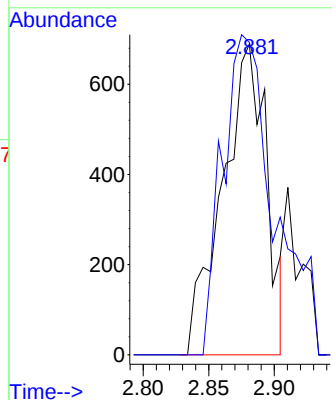
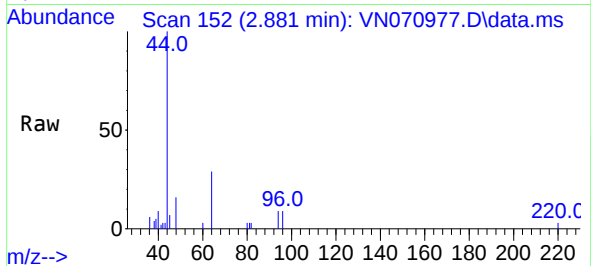




#5
Bromomethane
Concen: 0.260 ug/l
RT: 2.881 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN070977.D
Acq: 17 Feb 2022 14:14

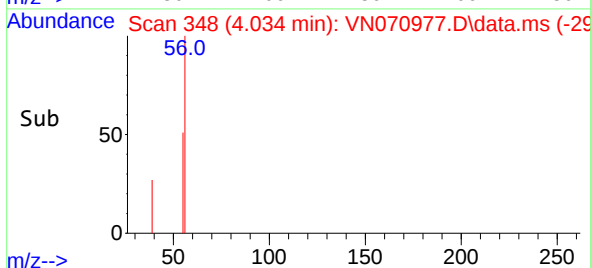
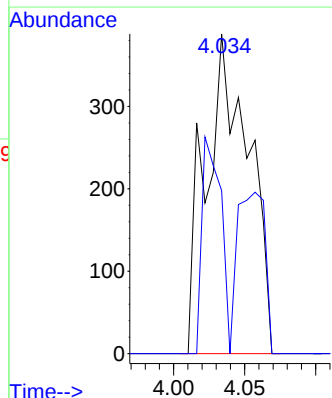
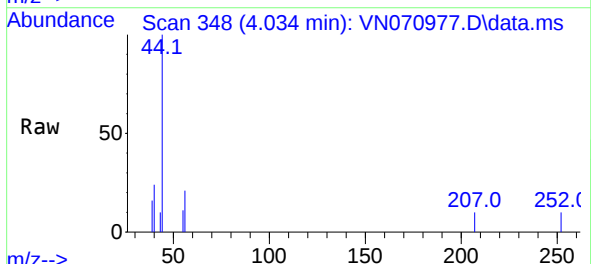
Instrument :
MSVOA_N
ClientSampleId :
DUP02-20220215

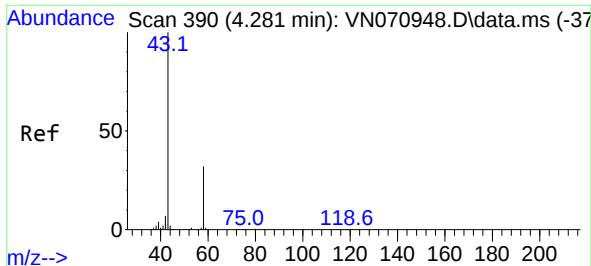
Tgt Ion: 94 Resp: 1607
Ion Ratio Lower Upper
94 100
96 100.6 73.8 110.8



#13
Acrolein
Concen: 0.526 ug/l
RT: 4.034 min Scan# 348
Delta R.T. -0.000 min
Lab File: VN070977.D
Acq: 17 Feb 2022 14:14

Tgt Ion: 56 Resp: 813
Ion Ratio Lower Upper
56 100
55 29.9 56.6 85.0#

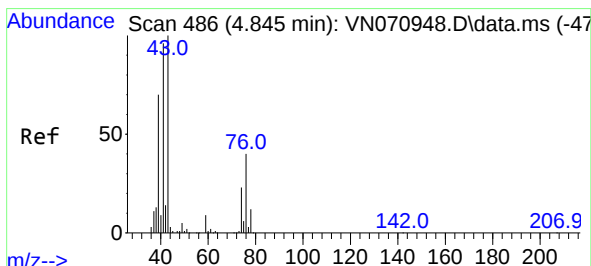
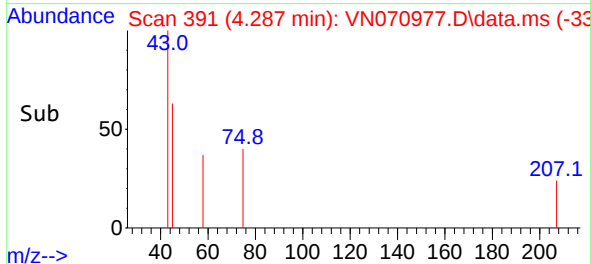
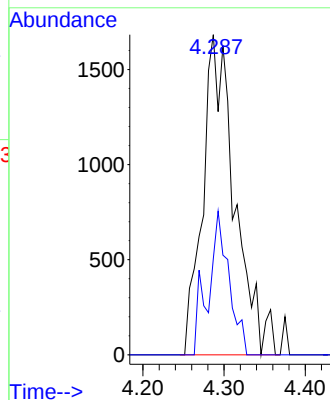
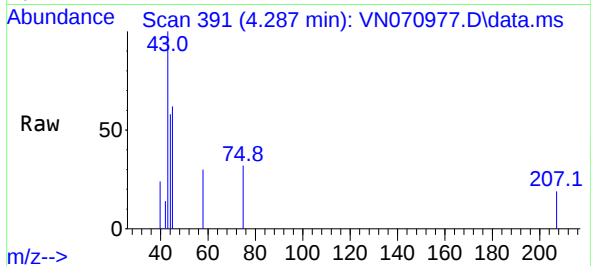




#16
Acetone
Concen: 0.885 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN070977.D
Acq: 17 Feb 2022 14:14

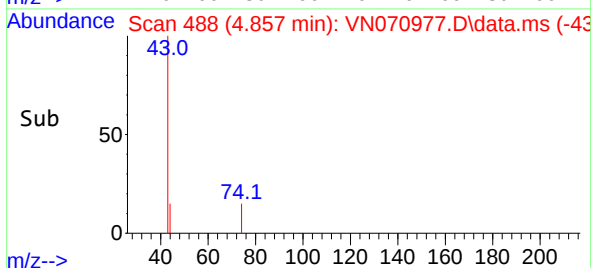
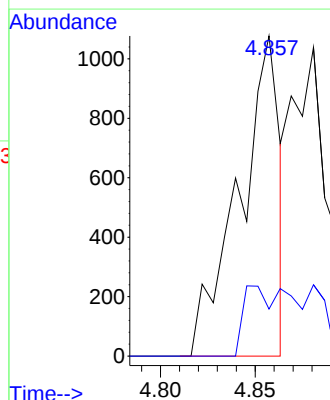
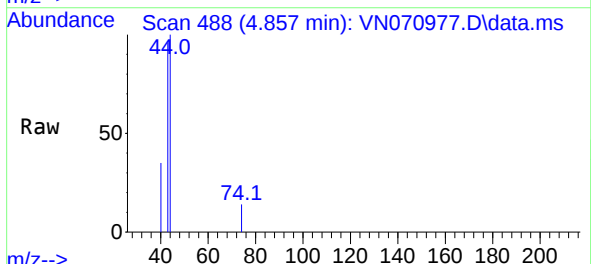
Instrument :
MSVOA_N
ClientSampleId :
DUP02-20220215

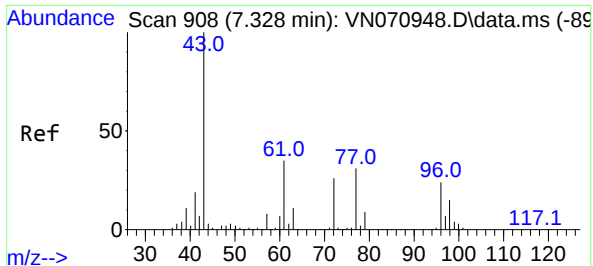
Tgt Ion: 43 Resp: 4628
Ion Ratio Lower Upper
43 100
58 30.0 23.1 34.7



#18
Methyl Acetate
Concen: Below Cal
RT: 4.857 min Scan# 488
Delta R.T. 0.012 min
Lab File: VN070977.D
Acq: 17 Feb 2022 14:14

Tgt Ion: 43 Resp: 1608
Ion Ratio Lower Upper
43 100
74 13.8 19.4 29.2#





#25

2-Butanone

Concen: 0.266 ug/l

RT: 7.334 min Scan# 908

Delta R.T. 0.006 min

Lab File: VN070977.D

Acq: 17 Feb 2022 14:14

Instrument :

MSVOA_N

ClientSampleId :

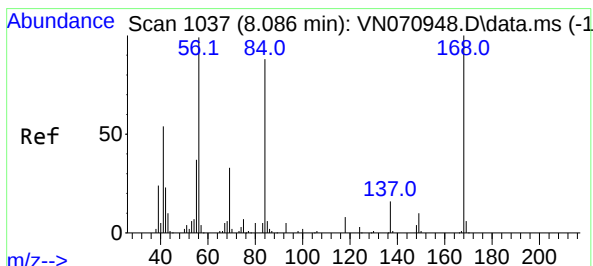
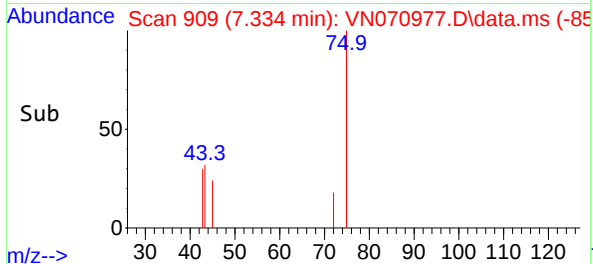
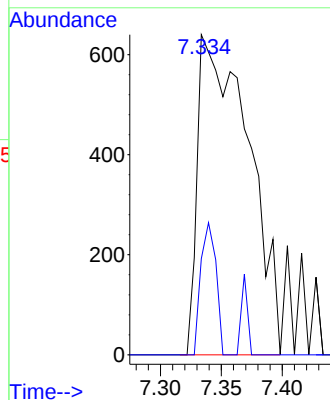
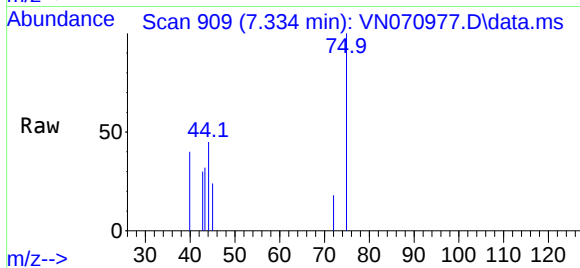
DUP02-20220215

Tgt Ion: 43 Resp: 1854

Ion Ratio Lower Upper

43 100

72 30.0 21.7 32.5



#31

Cyclohexane

Concen: 1.001 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VN070977.D

Acq: 17 Feb 2022 14:14

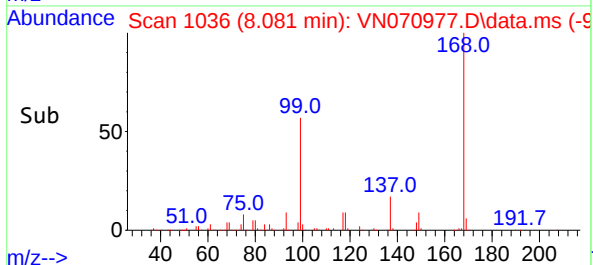
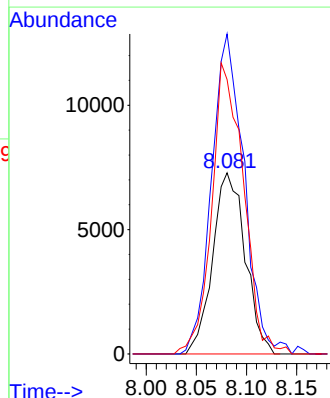
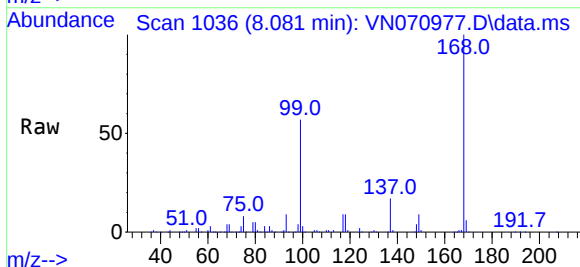
Tgt Ion: 56 Resp: 16447

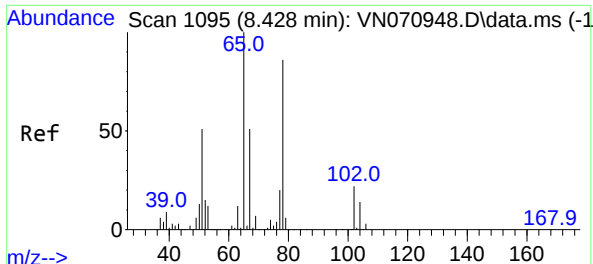
Ion Ratio Lower Upper

56 100

69 176.6 27.1 40.7#

84 148.5 73.4 110.0#

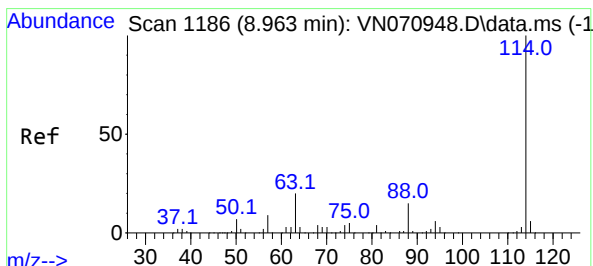
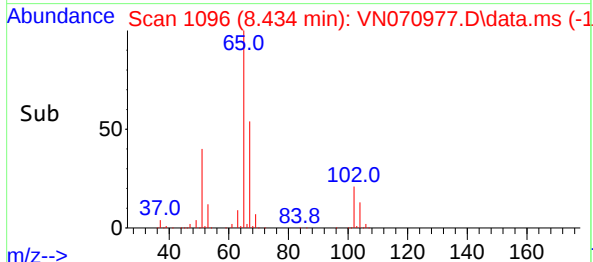
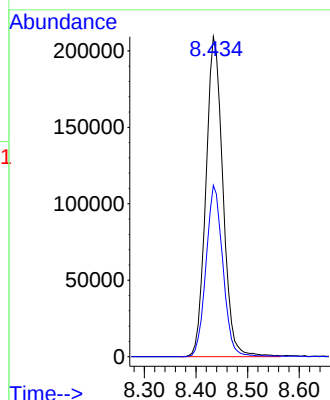
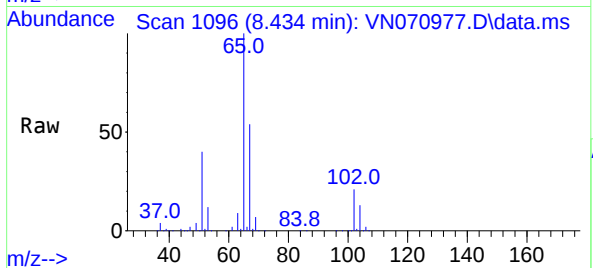




#33
1,2-Dichloroethane-d4
Concen: 50.361 ug/l
RT: 8.434 min Scan# 1095
Delta R.T. 0.006 min
Lab File: VN070977.D
Acq: 17 Feb 2022 14:14

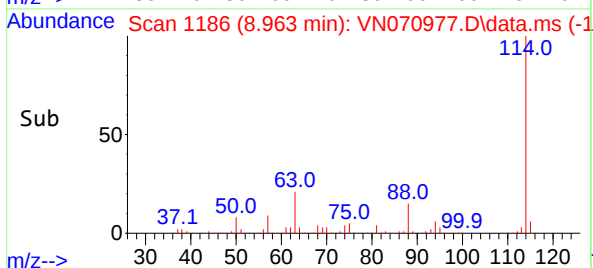
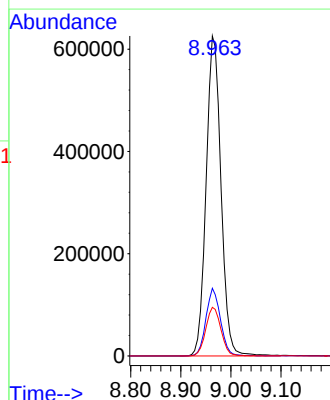
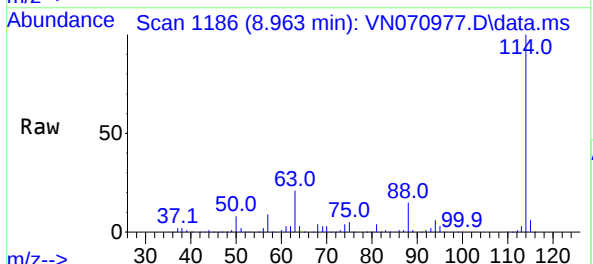
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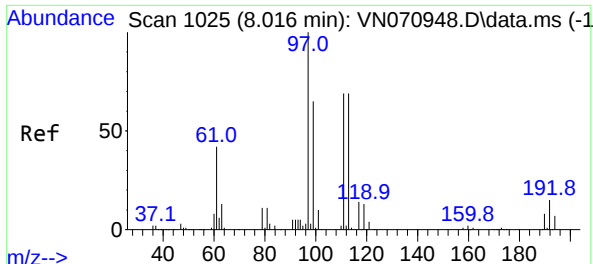
Tgt Ion: 65 Resp: 478409
Ion Ratio Lower Upper
65 100
67 52.8 0.0 103.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN070977.D
Acq: 17 Feb 2022 14:14

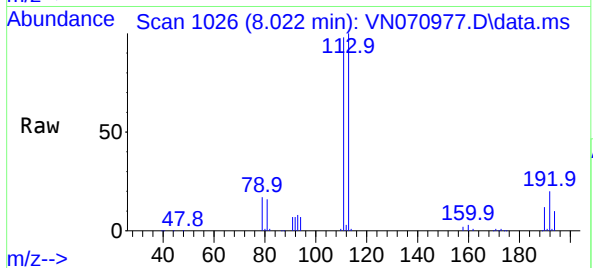
Tgt Ion:114 Resp: 1289612
Ion Ratio Lower Upper
114 100
63 21.1 0.0 37.8
88 15.2 0.0 27.4



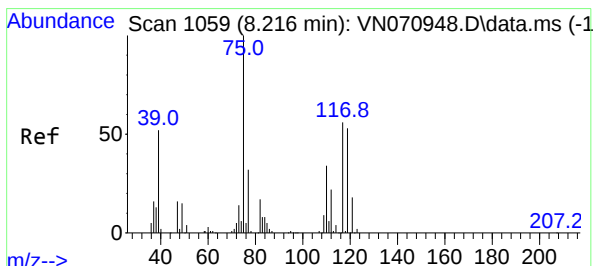
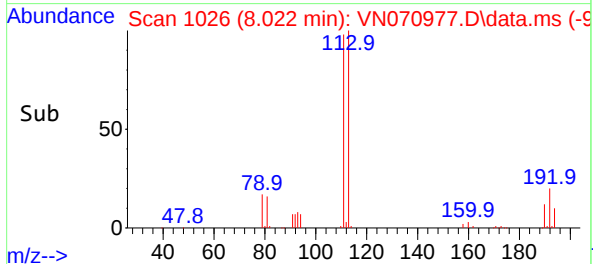
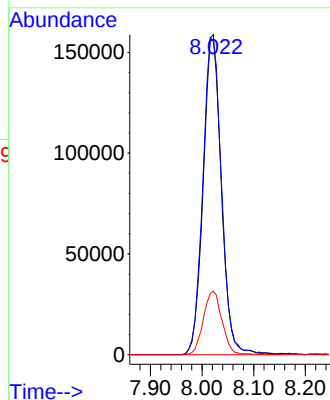


#35
Dibromofluoromethane
Concen: 50.381 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN070977.D
Acq: 17 Feb 2022 14:14

Instrument :
MSVOA_N
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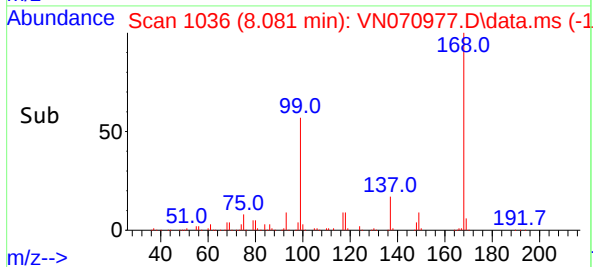
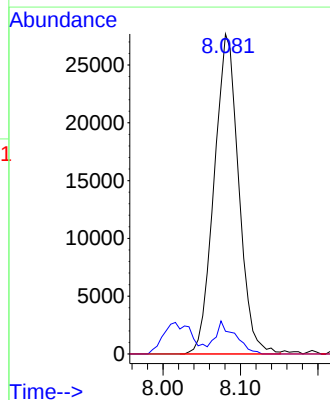
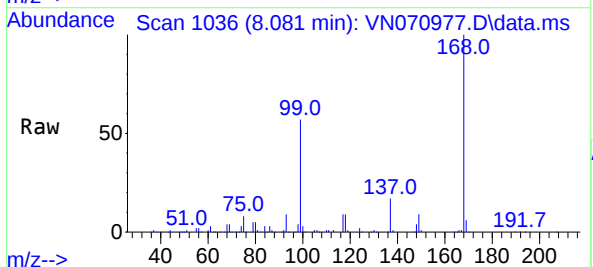


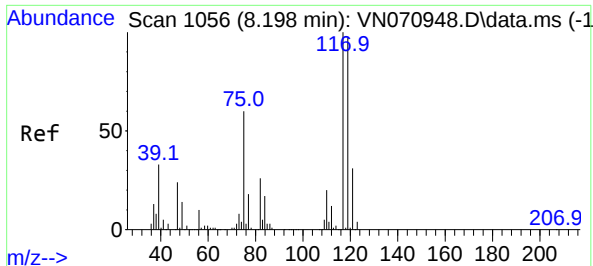
Tgt Ion:113 Resp: 386455
Ion Ratio Lower Upper
113 100
111 101.9 82.2 123.2
192 20.4 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.851 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.135 min
Lab File: VN070977.D
Acq: 17 Feb 2022 14:14

Tgt Ion: 75 Resp: 60962
Ion Ratio Lower Upper
75 100
110 8.2 18.4 55.2#
77 0.0 24.4 36.6#

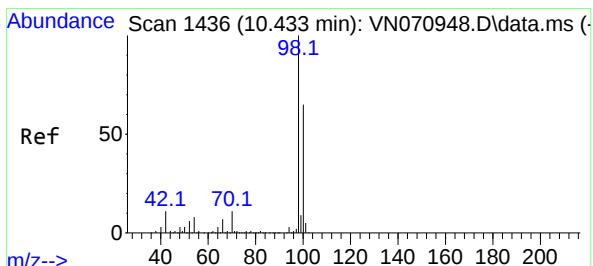
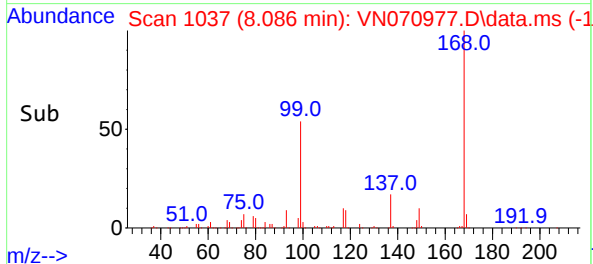
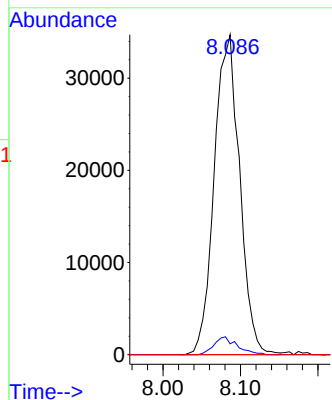
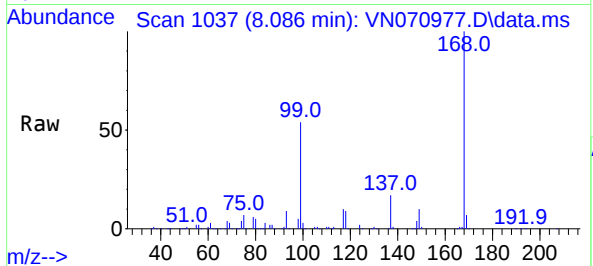




#38
Carbon Tetrachloride
Concen: 6.383 ug/l
RT: 8.086 min Scan# 1056
Delta R.T. -0.112 min
Lab File: VN070977.D
Acq: 17 Feb 2022 14:14

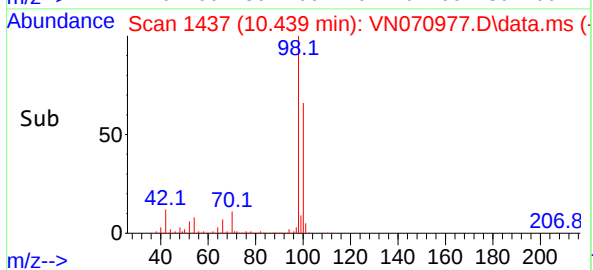
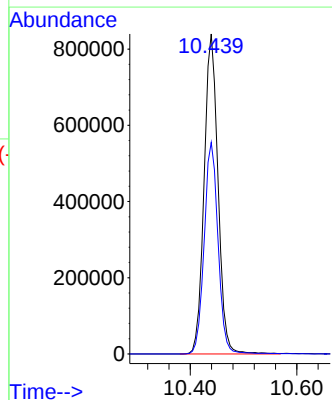
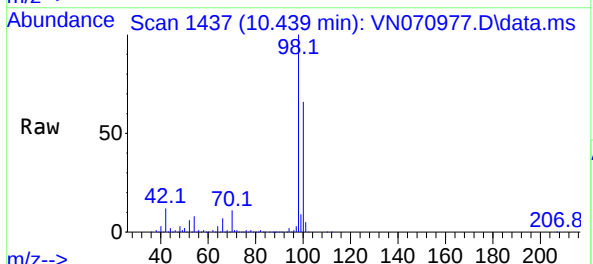
Instrument :
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ClientSampleId :
DUP02-20220215

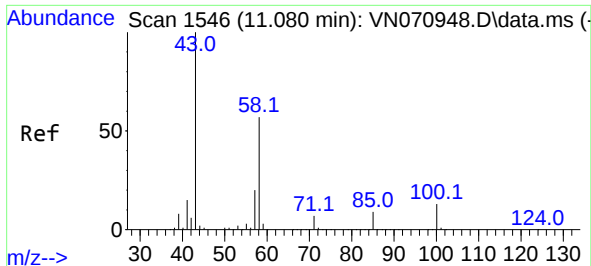
Tgt Ion:117 Resp: 79034
Ion Ratio Lower Upper
117 100
119 3.4 76.1 114.1#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 49.286 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.006 min
Lab File: VN070977.D
Acq: 17 Feb 2022 14:14

Tgt Ion: 98 Resp: 1518227
Ion Ratio Lower Upper
98 100
100 66.0 50.4 75.6

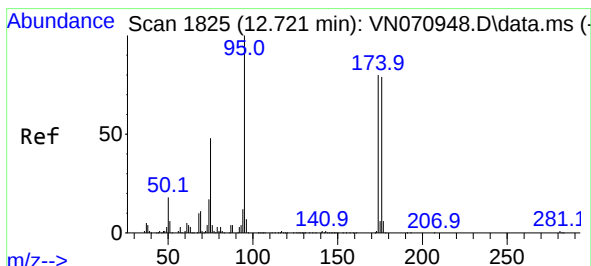
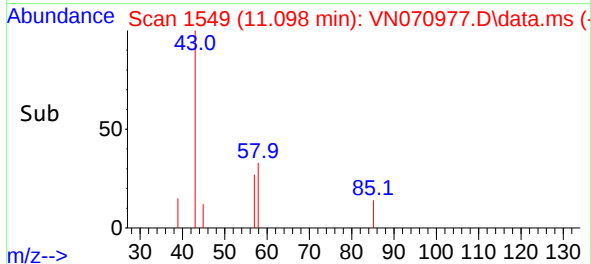
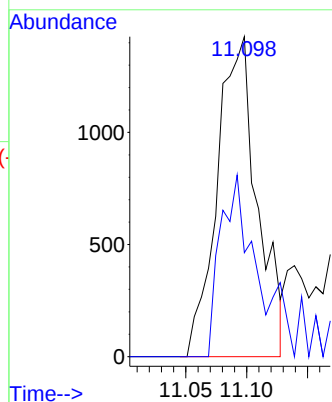
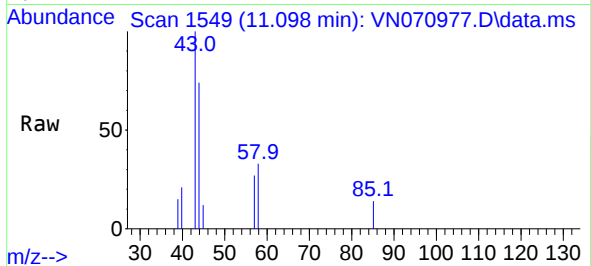




#59
2-Hexanone
Concen: 0.368 ug/l
RT: 11.098 min Scan# 11098
Delta R.T. 0.018 min
Lab File: VN070977.D
Acq: 17 Feb 2022 14:14

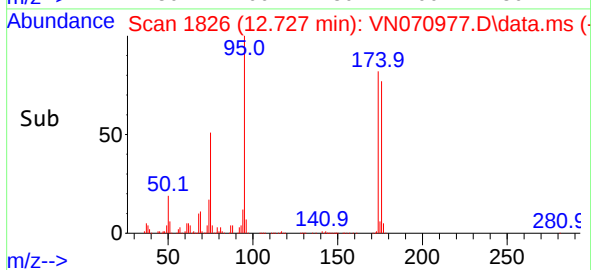
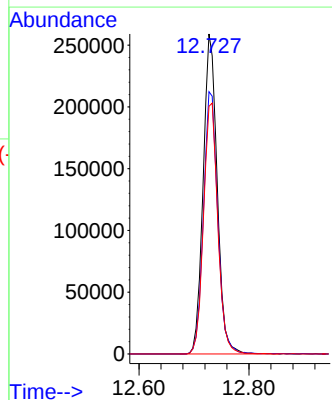
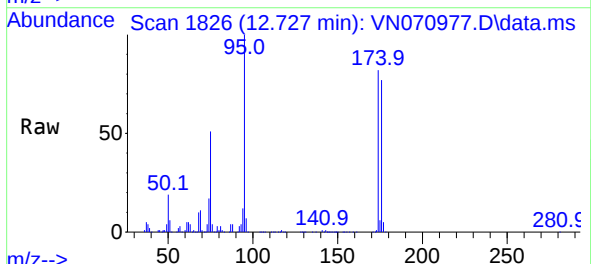
Instrument :
MSVOA_N
ClientSampleId :
DUP02-20220215

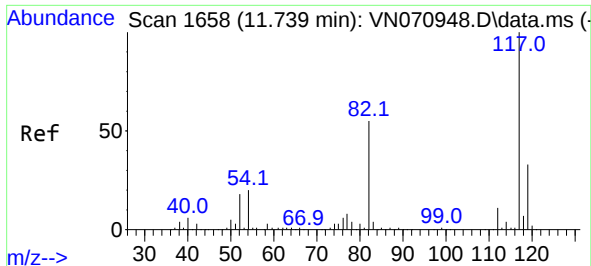
Tgt Ion: 43 Resp: 3272
Ion Ratio Lower Upper
43 100
58 43.5 26.9 80.7



#62
4-Bromofluorobenzene
Concen: 41.528 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN070977.D
Acq: 17 Feb 2022 14:14

Tgt Ion: 95 Resp: 457257
Ion Ratio Lower Upper
95 100
174 83.3 0.0 187.2
176 80.0 0.0 181.4

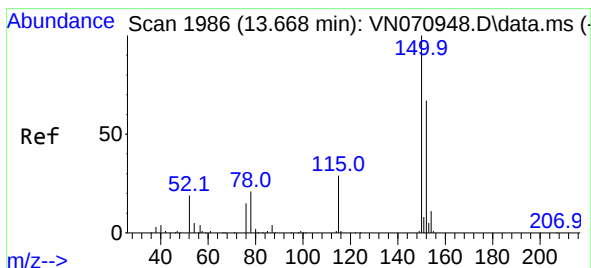
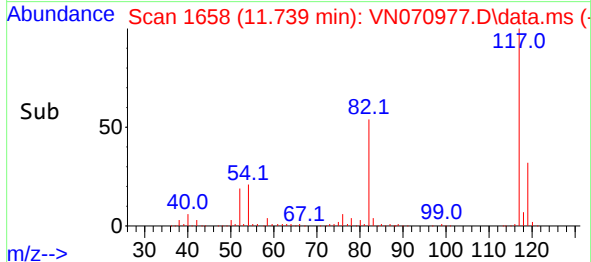
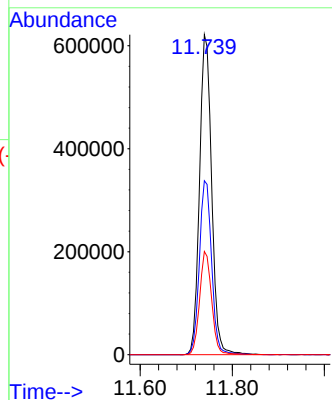
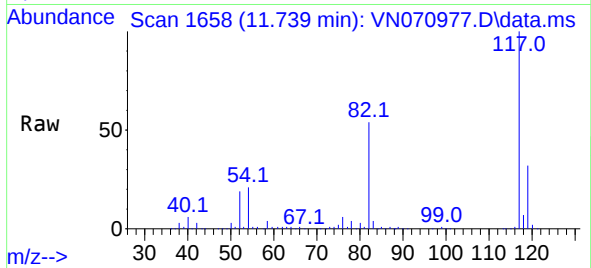




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN070977.D
Acq: 17 Feb 2022 14:14

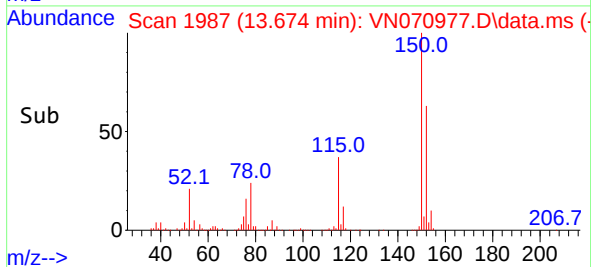
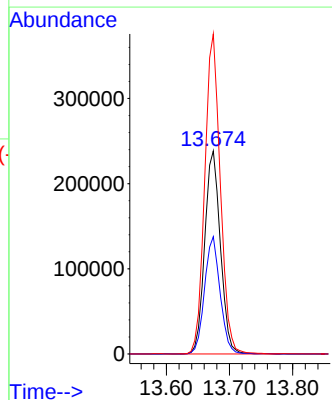
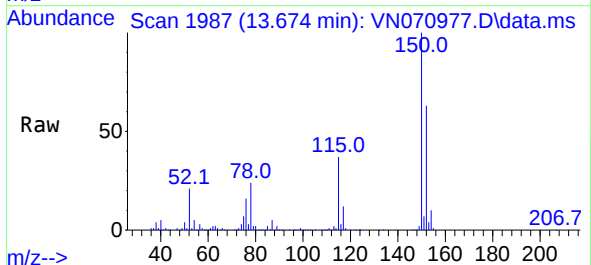
Instrument :
MSVOA_N
ClientSampleId :
DUP02-20220215

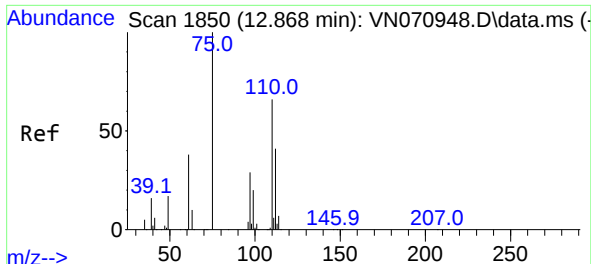
Tgt Ion:117 Resp: 1139616
Ion Ratio Lower Upper
117 100
82 54.4 42.4 63.6
119 32.3 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1987
Delta R.T. 0.006 min
Lab File: VN070977.D
Acq: 17 Feb 2022 14:14

Tgt Ion:152 Resp: 411177
Ion Ratio Lower Upper
152 100
115 57.3 27.5 82.5
150 156.6 0.0 344.4

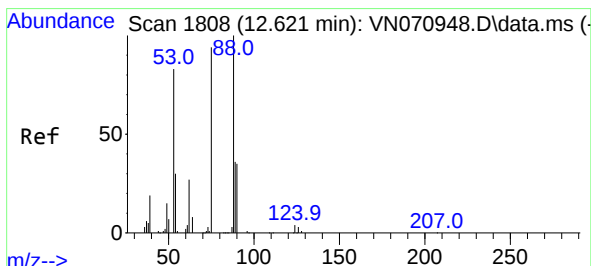
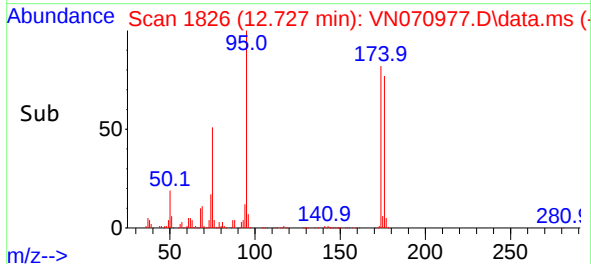
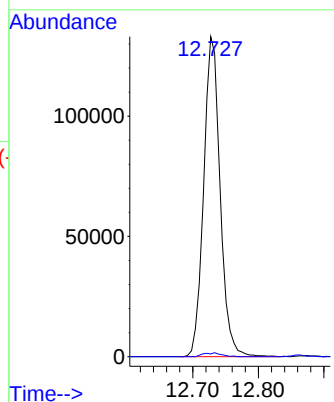
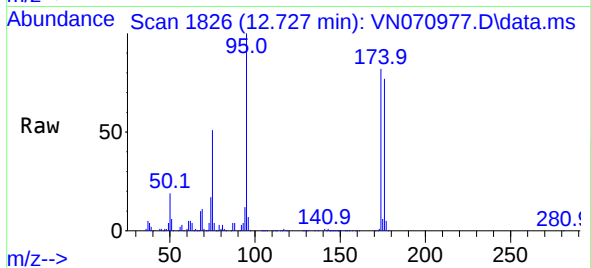




#76
 1,2,3-Trichloropropane
 Concen: 24.035 ug/l
 RT: 12.727 min Scan# 1826
 Delta R.T. -0.141 min
 Lab File: VN070977.D
 Acq: 17 Feb 2022 14:14

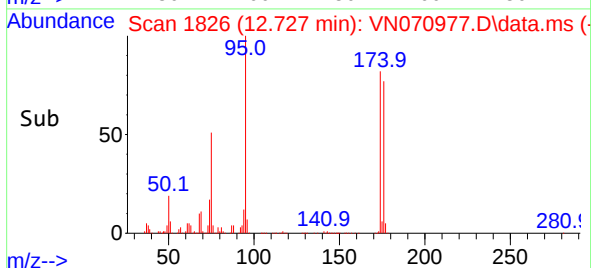
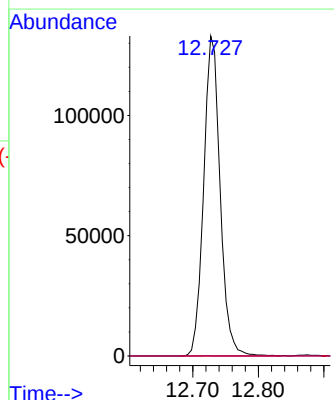
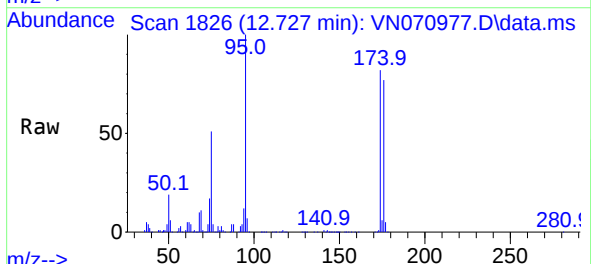
Instrument :
 MSVOA_N
 ClientSampleId :
 DUP02-20220215

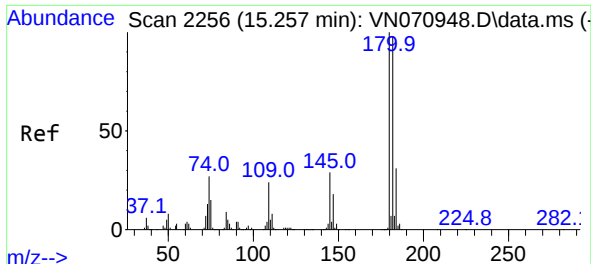
Tgt Ion: 75 Resp: 232684
 Ion Ratio Lower Upper
 75 100
 77 1.3 82.6 247.8#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 77.883 ug/l
 RT: 12.727 min Scan# 1826
 Delta R.T. 0.106 min
 Lab File: VN070977.D
 Acq: 17 Feb 2022 14:14

Tgt Ion: 75 Resp: 232684
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 38.2 57.4#

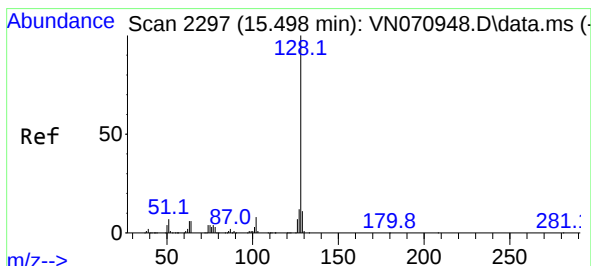
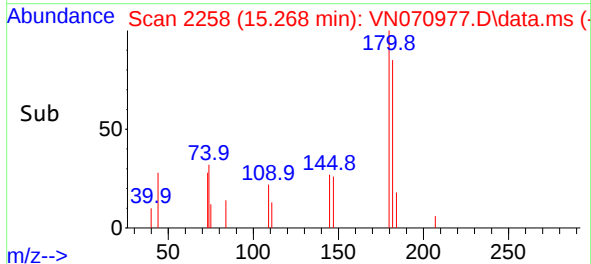
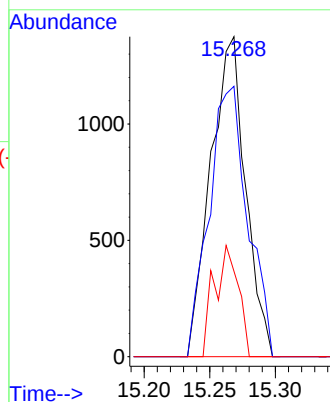
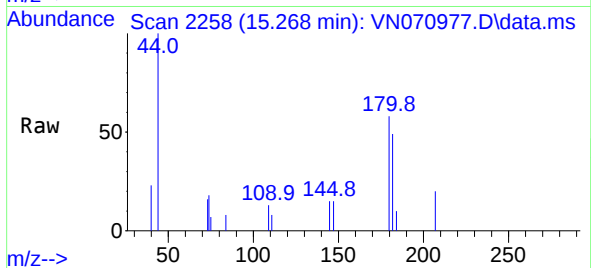




#93
1,2,4-Trichlorobenzene
Concen: 2.322 ug/l
RT: 15.268 min Scan# 21
Delta R.T. 0.011 min
Lab File: VN070977.D
Acq: 17 Feb 2022 14:14

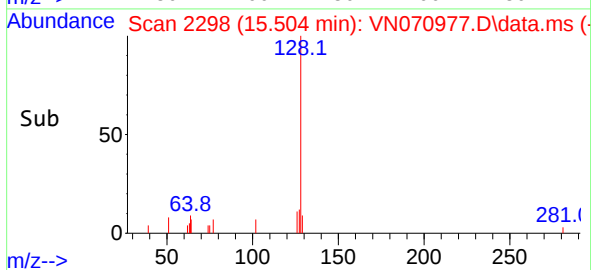
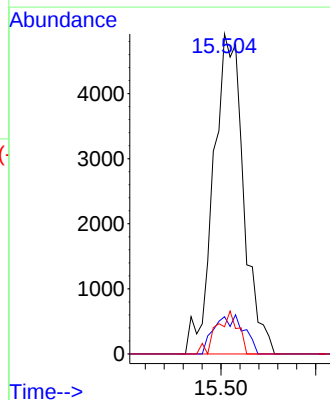
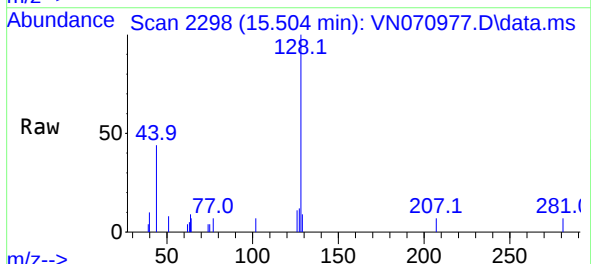
Instrument :
MSVOA_N
ClientSampleId :
DUP02-20220215

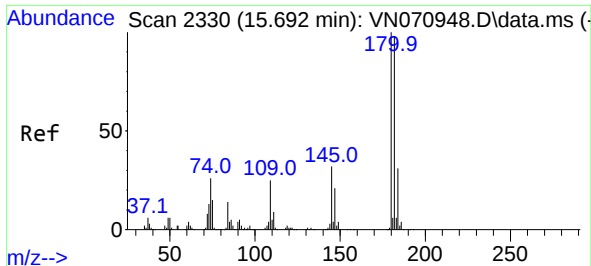
Tgt Ion:	180	Resp:	2547
Ion Ratio	Lower	Upper	
180	100		
182	93.4	48.3	144.9
145	23.8	14.5	43.5



#95
Naphthalene
Concen: 5.519 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VN070977.D
Acq: 17 Feb 2022 14:14

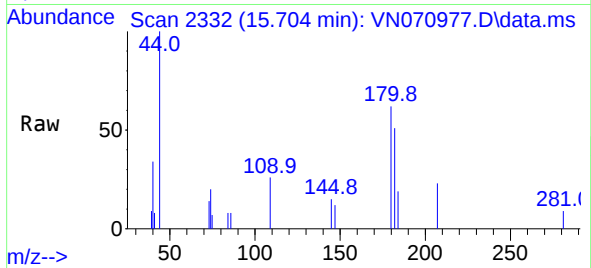
Tgt Ion:	128	Resp:	10820
Ion Ratio	Lower	Upper	
128	100		
127	12.1	10.5	15.7
129	9.5	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 2.922 ug/l
 RT: 15.704 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: VN070977.D
 Acq: 17 Feb 2022 14:14

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP02-20220215



Tgt Ion:	180	Resp:	2982
Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.4	142.2
145	31.9	15.0	45.1

