

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121721\
 Data File : VN070189.D
 Acq On : 18 Dec 2021 2:50
 Operator : JC/MD
 Sample : M5132-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 19 07:21:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

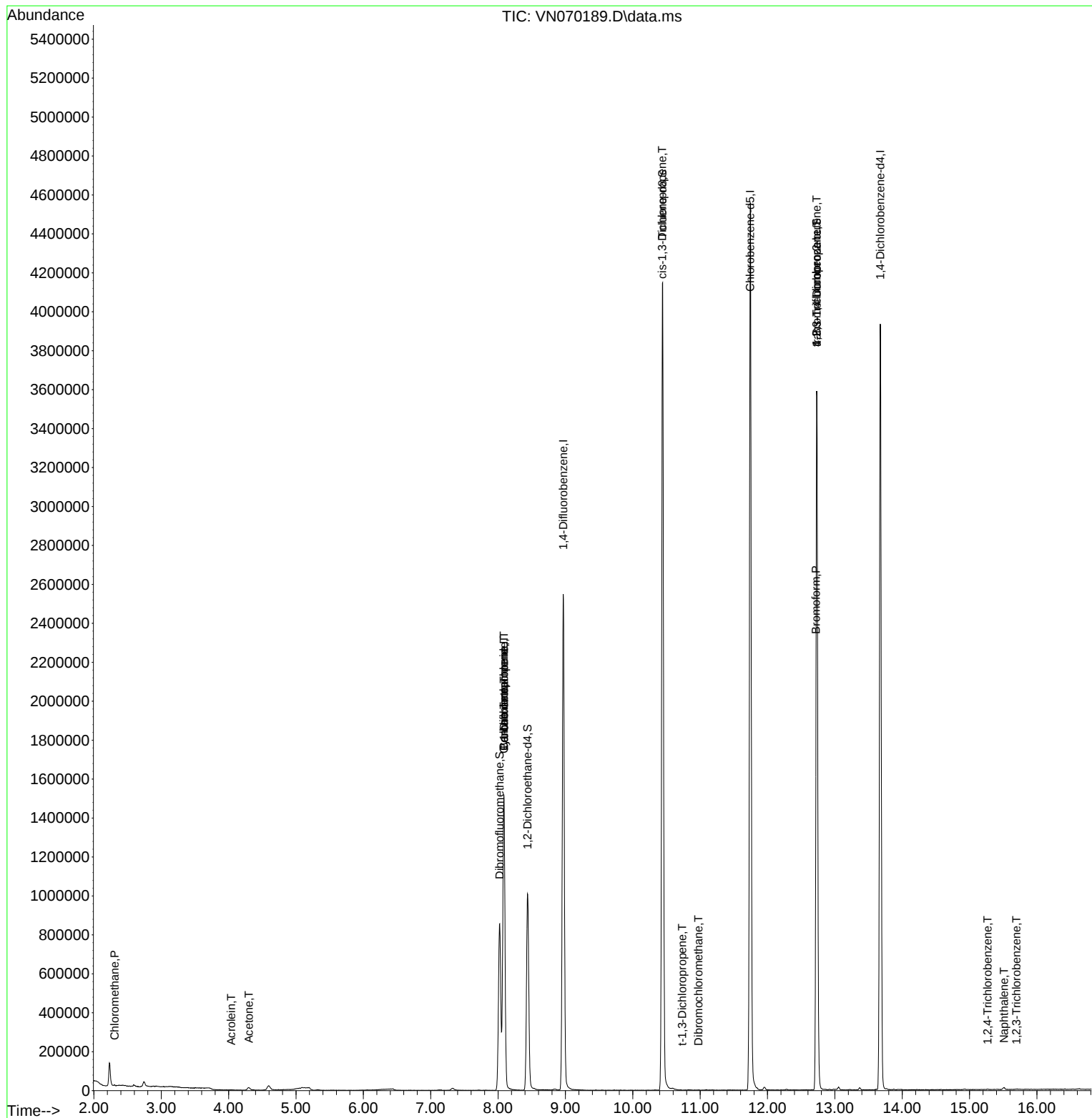
Internal Standards						
1) Pentafluorobenzene	8.086	168	1134709	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2159518	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2548588	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1050090	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	887023	50.629	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 101.260%		
35) Dibromofluoromethane	8.024	113	635652	46.992	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 93.980%		
50) Toluene-d8	10.441	98	2841568	52.317	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 104.640%		
62) 4-Bromofluorobenzene	12.731	95	1280785	65.091	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 130.180%		
Target Compounds						
						Qvalue
3) Chloromethane	2.306	50	3591	0.217	ug/l	90
13) Acrolein	4.039	56	582	0.206	ug/l #	49
16) Acetone	4.299	43	23674	2.246	ug/l	94
31) Cyclohexane	8.088	56	28445	1.167	ug/l #	34
36) 1,1-Dichloropropene	8.086	75	96681	4.703	ug/l #	49
38) Carbon Tetrachloride	8.086	117	116372	5.773	ug/l #	16
53) t-1,3-Dichloropropene	10.733	75	94	2.798	ug/l #	43
54) cis-1,3-Dichloropropene	10.438	75	1026	2.036	ug/l #	1
60) Dibromochloromethane	10.974	129	66	2.380	ug/l #	11
71) Bromoform	12.720	173	1759	2.838	ug/l #	1
76) 1,2,3-Trichloropropane	12.731	75	698003	23.179	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.731	75	698003	73.760	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.268	180	727	2.918	ug/l #	86
95) Naphthalene	15.512	128	10269	4.169	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.697	180	510	2.464	ug/l #	71

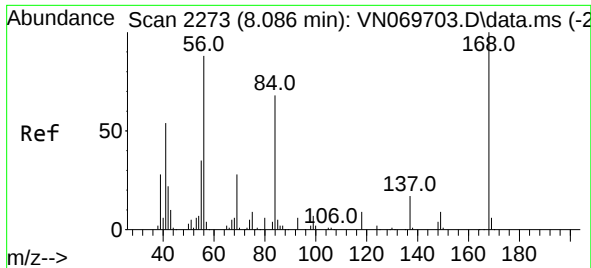
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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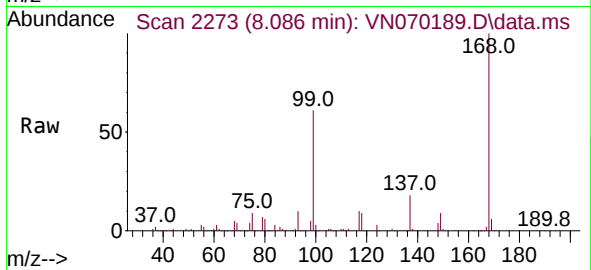
Quant Time: Dec 19 07:21:50 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 03 08:46:47 2021
Response via : Initial Calibration



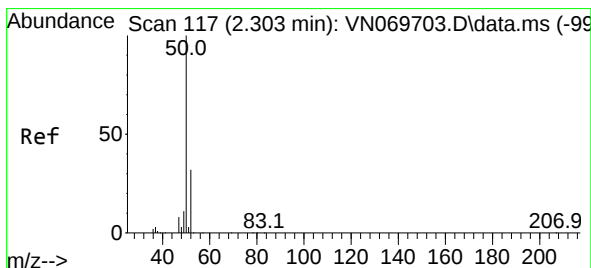
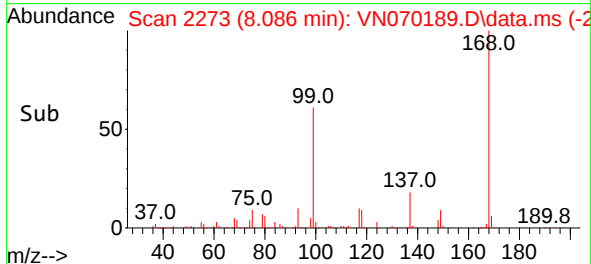
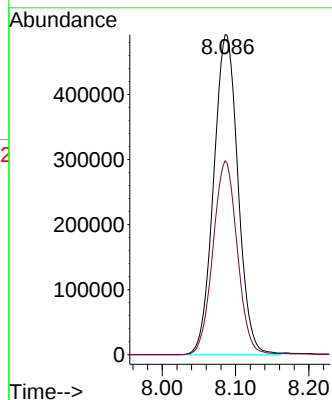


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070189.D
Acq: 18 Dec 2021 2:50

Instrument :
MSVOA_N
ClientSampleId :

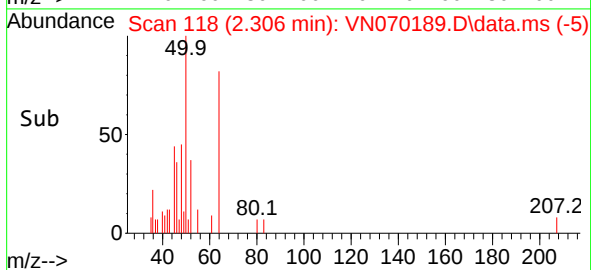
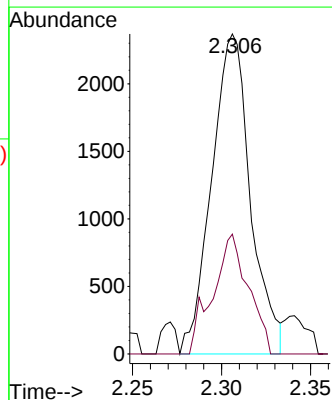
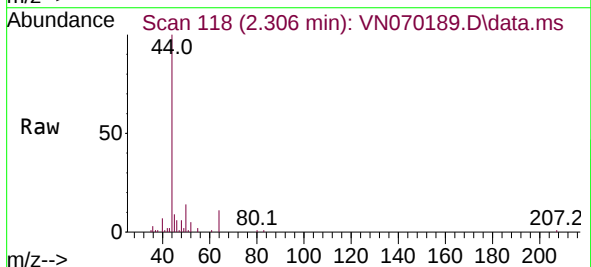


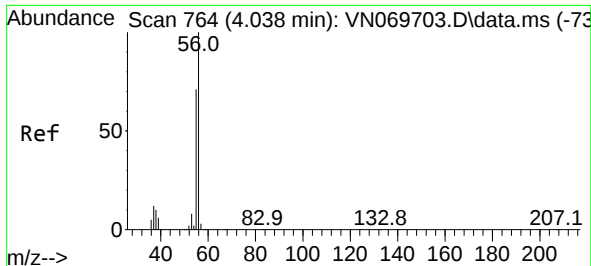
Tgt Ion:168 Resp: 1134709
Ion Ratio Lower Upper
168 100
99 60.6 41.3 61.9



#3
Chloromethane
Concen: 0.217 ug/l
RT: 2.306 min Scan# 118
Delta R.T. 0.003 min
Lab File: VN070189.D
Acq: 18 Dec 2021 2:50

Tgt Ion: 50 Resp: 3591
Ion Ratio Lower Upper
50 100
52 37.4 25.4 38.0

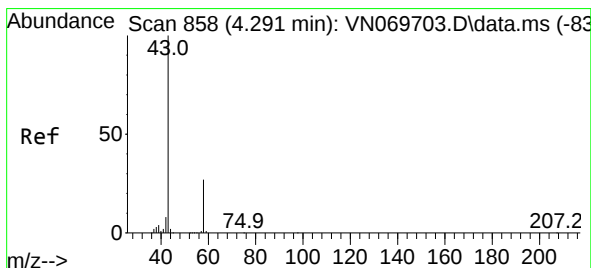
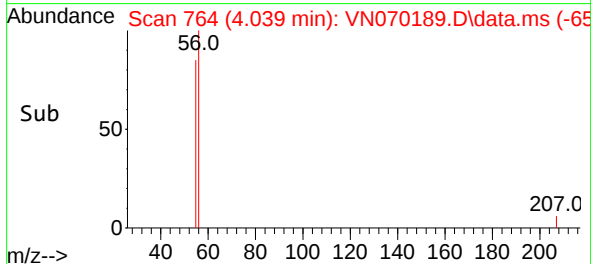
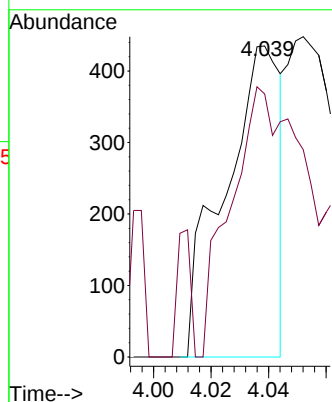
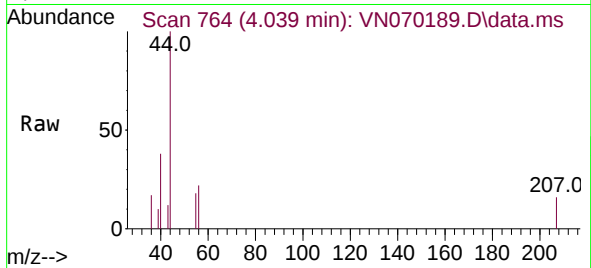




#13
Acrolein
Concen: 0.206 ug/l
RT: 4.039 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN070189.D
Acq: 18 Dec 2021 2:50

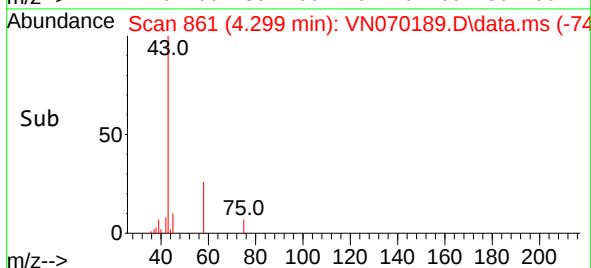
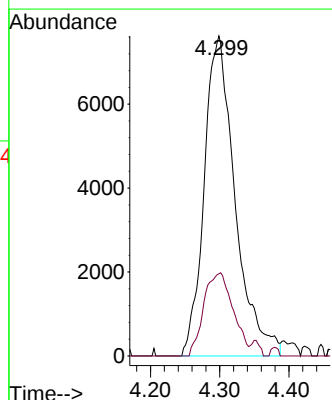
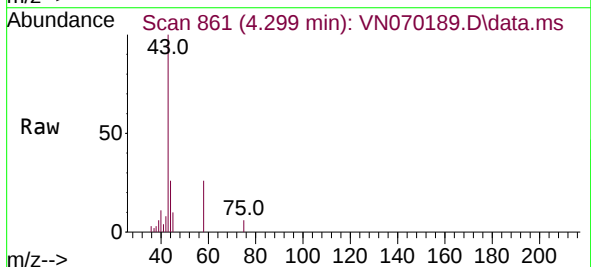
Instrument :
MSVOA_N
ClientSampleId :

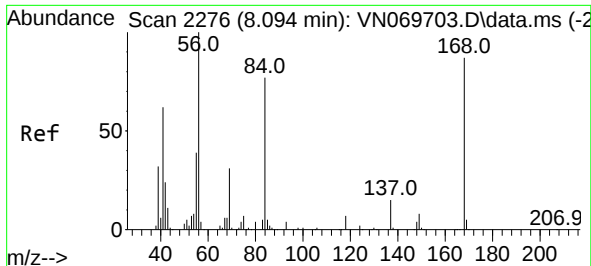
Tgt Ion: 56 Resp: 582
Ion Ratio Lower Upper
56 100
55 112.7 56.6 85.0#



#16
Acetone
Concen: 2.246 ug/l
RT: 4.299 min Scan# 861
Delta R.T. 0.008 min
Lab File: VN070189.D
Acq: 18 Dec 2021 2:50

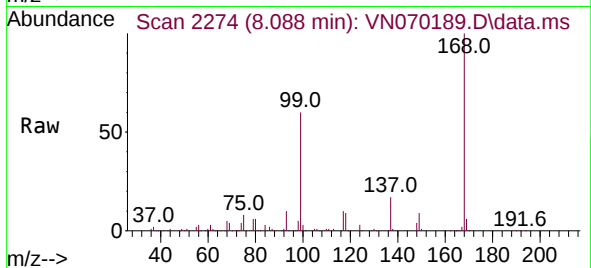
Tgt Ion: 43 Resp: 23674
Ion Ratio Lower Upper
43 100
58 25.7 23.1 34.7



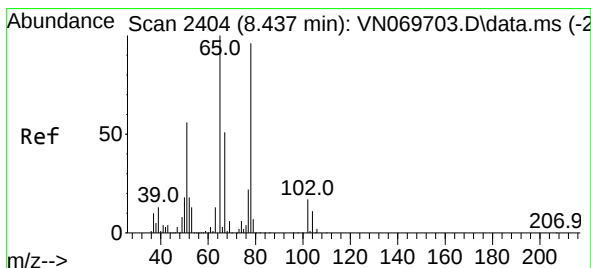
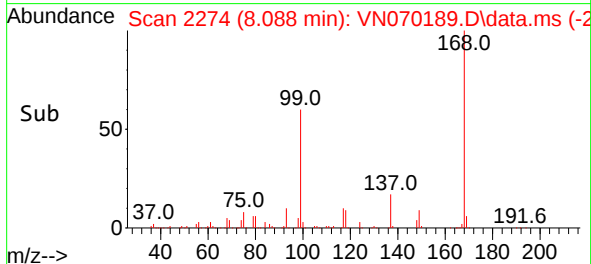
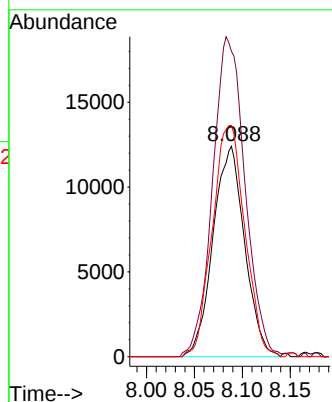


#31
Cyclohexane
Concen: 1.167 ug/l
RT: 8.088 min Scan# 21
Delta R.T. -0.005 min
Lab File: VN070189.D
Acq: 18 Dec 2021 2:50

Instrument :
MSVOA_N
ClientSampleId :

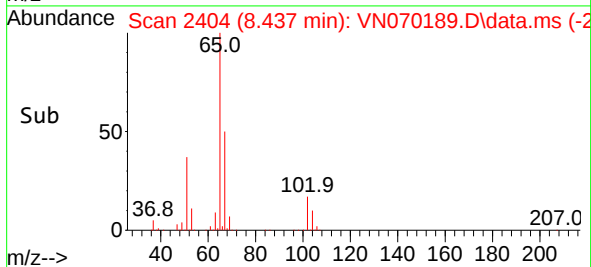
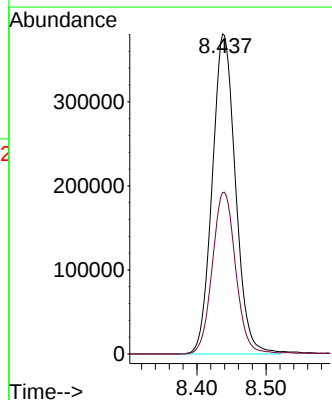
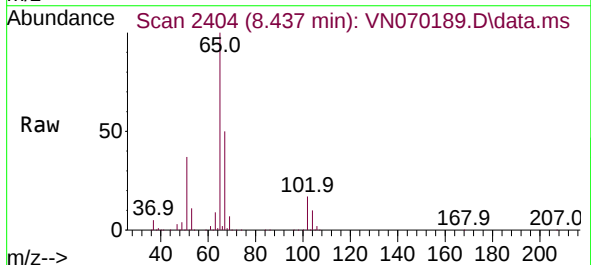


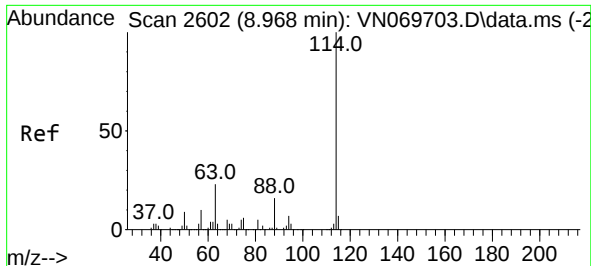
Tgt Ion: 56 Resp: 28445
Ion Ratio Lower Upper
56 100
69 145.2 27.1 40.7#
84 109.9 73.4 110.0



#33
1,2-Dichloroethane-d4
Concen: 50.629 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.000 min
Lab File: VN070189.D
Acq: 18 Dec 2021 2:50

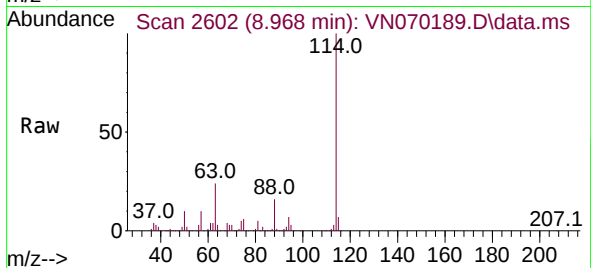
Tgt Ion: 65 Resp: 887023
Ion Ratio Lower Upper
65 100
67 50.8 0.0 103.0





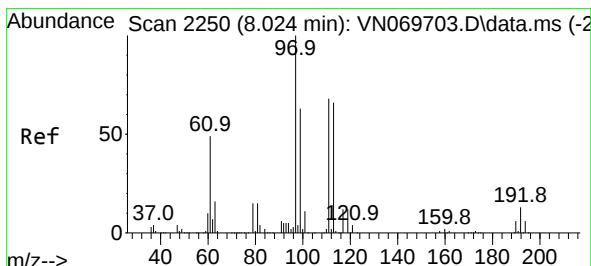
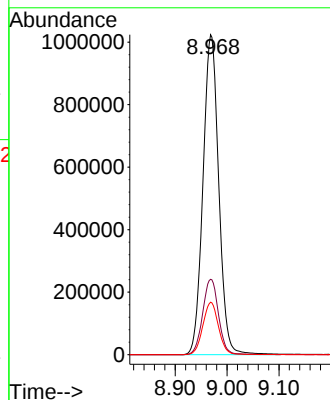
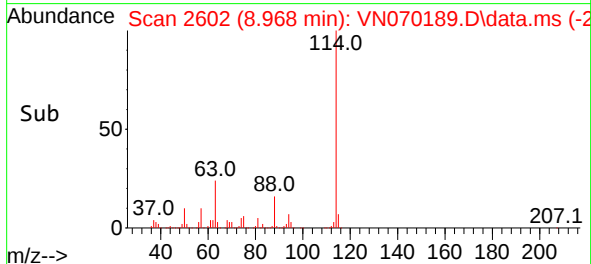
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.000 min
Lab File: VN070189.D
Acq: 18 Dec 2021 2:50

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:114 Resp: 2159518

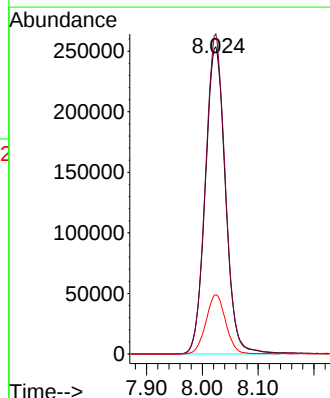
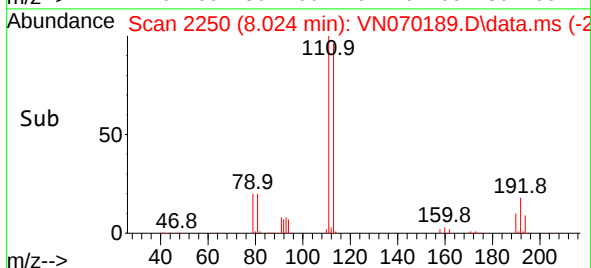
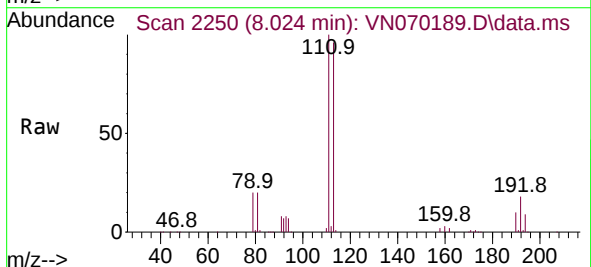
Ion	Ratio	Lower	Upper
114	100		
63	23.6	0.0	37.8
88	16.4	0.0	27.4

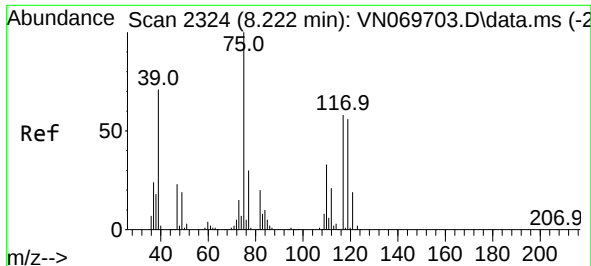


#35
Dibromofluoromethane
Concen: 46.992 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VN070189.D
Acq: 18 Dec 2021 2:50

Tgt Ion:113 Resp: 635652

Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.2	123.2
192	19.0	16.9	25.3

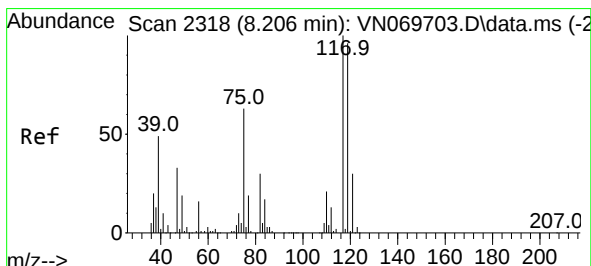
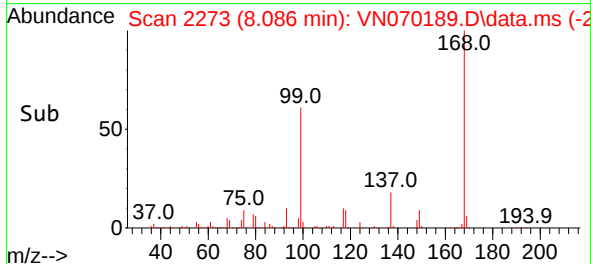
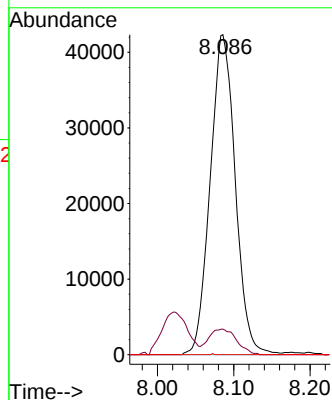
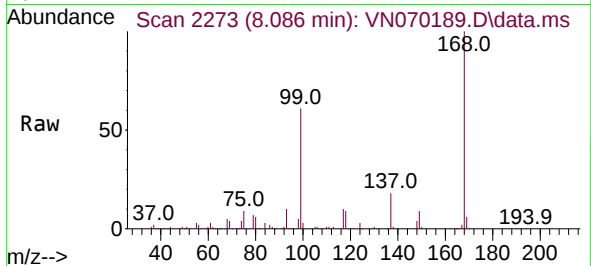




#36
1,1-Dichloropropene
Concen: 4.703 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.137 min
Lab File: VN070189.D
Acq: 18 Dec 2021 2:50

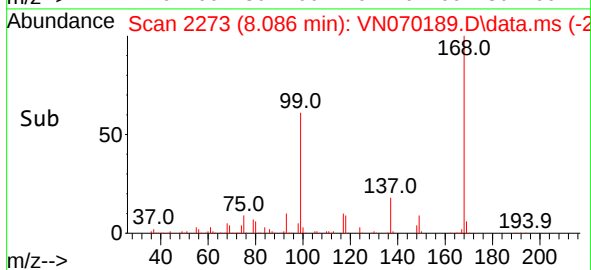
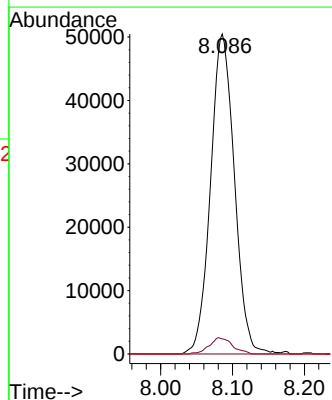
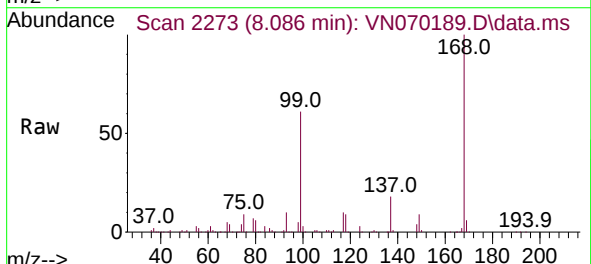
Instrument :
MSVOA_N
ClientSampleId :

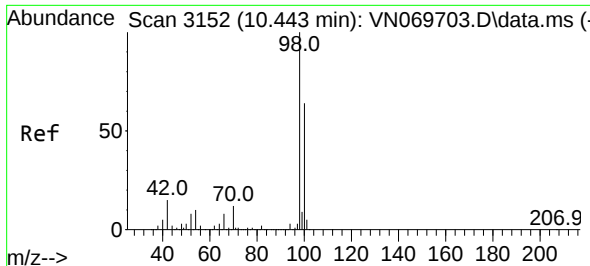
Tgt Ion: 75 Resp: 96681
Ion Ratio Lower Upper
75 100
110 9.0 18.4 55.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.773 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.120 min
Lab File: VN070189.D
Acq: 18 Dec 2021 2:50

Tgt Ion: 117 Resp: 116372
Ion Ratio Lower Upper
117 100
119 4.7 76.1 114.1#
121 0.0 24.2 36.2#

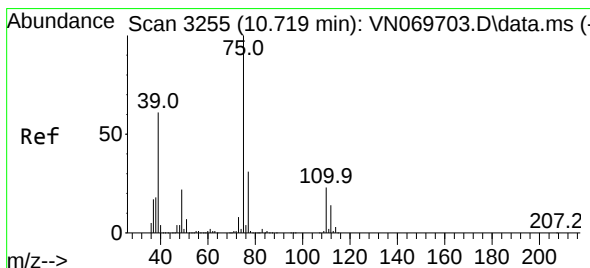
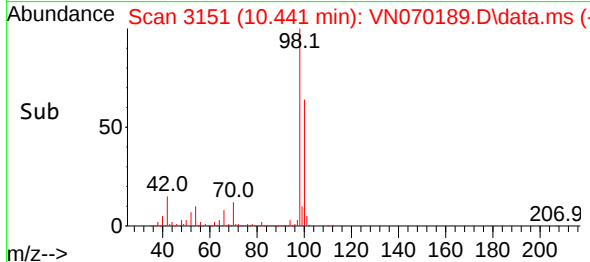
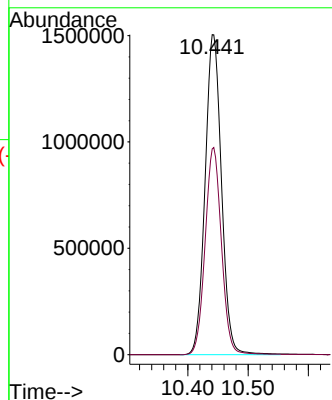
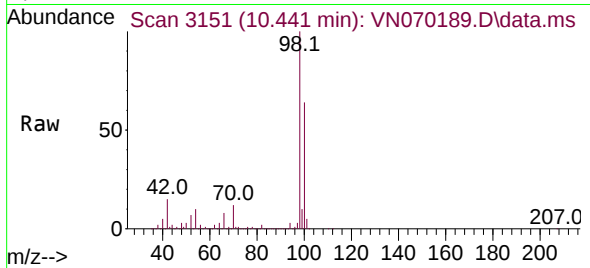




#50
Toluene-d8
Concen: 52.317 ug/l
RT: 10.441 min Scan# 3152
Delta R.T. -0.002 min
Lab File: VN070189.D
Acq: 18 Dec 2021 2:50

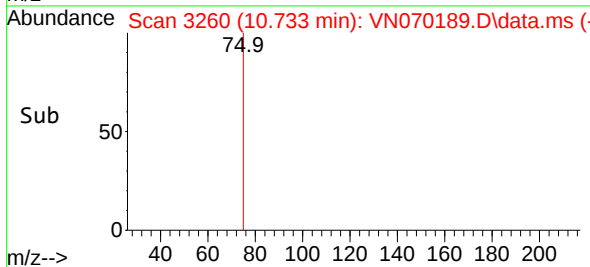
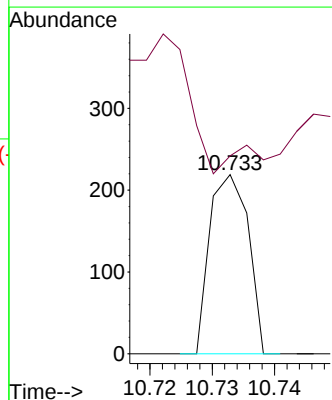
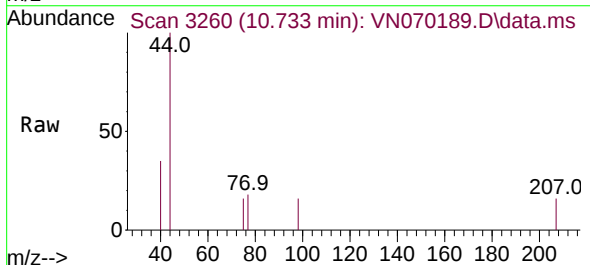
Instrument :
MSVOA_N
ClientSampleId :

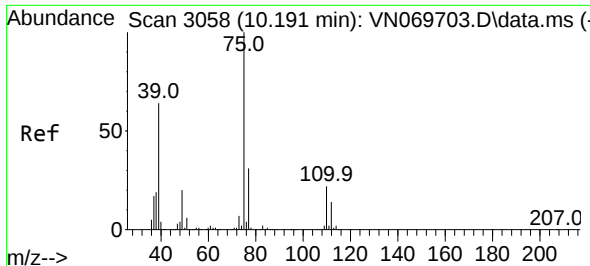
Tgt Ion: 98 Resp: 2841568
Ion Ratio Lower Upper
98 100
100 64.3 50.4 75.6



#53
t-1,3-Dichloropropene
Concen: 2.798 ug/l
RT: 10.733 min Scan# 3260
Delta R.T. 0.014 min
Lab File: VN070189.D
Acq: 18 Dec 2021 2:50

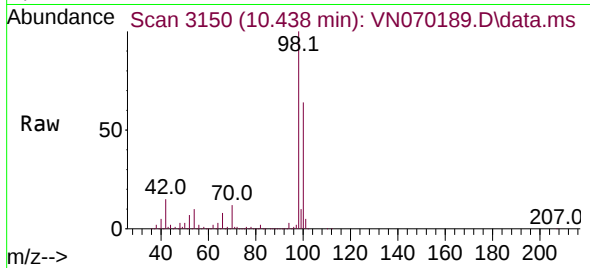
Tgt Ion: 75 Resp: 94
Ion Ratio Lower Upper
75 100
77 0.0 25.6 38.4#



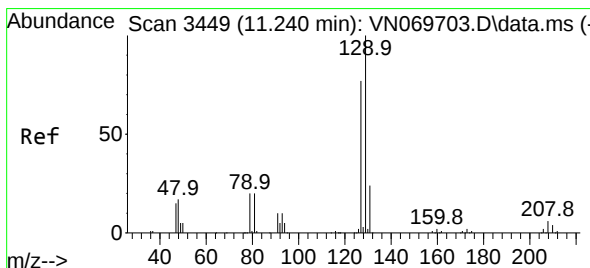
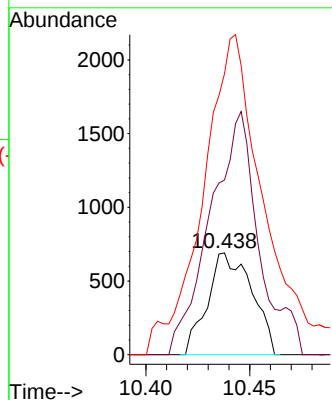
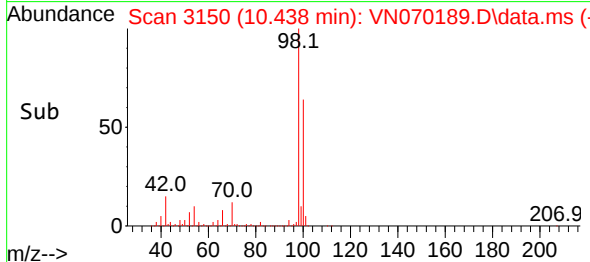


#54
 cis-1,3-Dichloropropene
 Concen: 2.036 ug/l
 RT: 10.438 min Scan# 3150
 Delta R.T. 0.247 min
 Lab File: VN070189.D
 Acq: 18 Dec 2021 2:50

Instrument :
 MSVOA_N
 ClientSampleId :

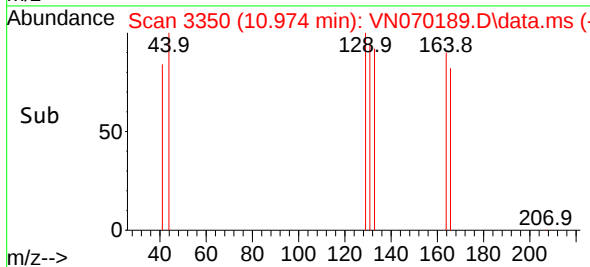
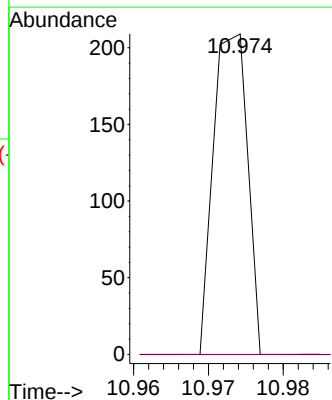
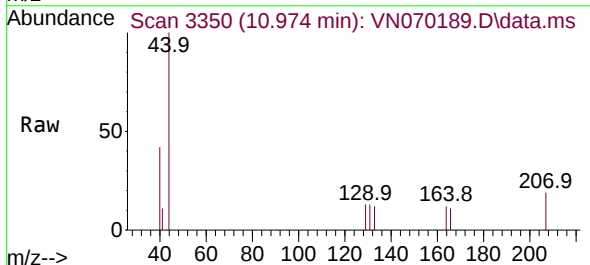


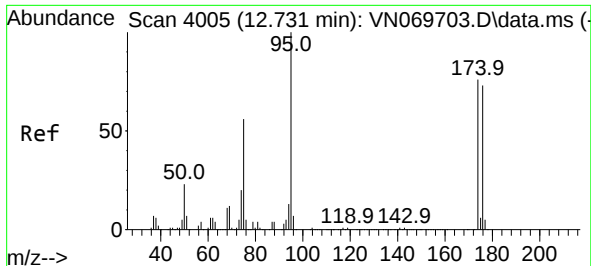
Tgt Ion	Ratio	Lower	Upper
75	100		
77	139.8	26.4	39.6#
39	217.4	42.5	63.7#



#60
 Dibromochloromethane
 Concen: 2.380 ug/l
 RT: 10.974 min Scan# 3350
 Delta R.T. -0.266 min
 Lab File: VN070189.D
 Acq: 18 Dec 2021 2:50

Tgt Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.6	116.0#

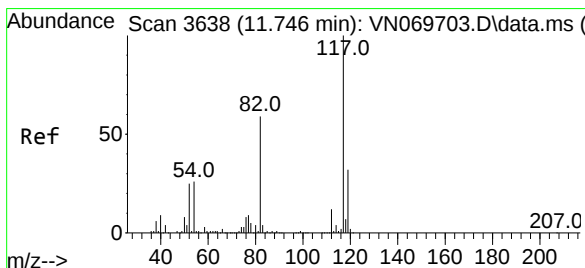
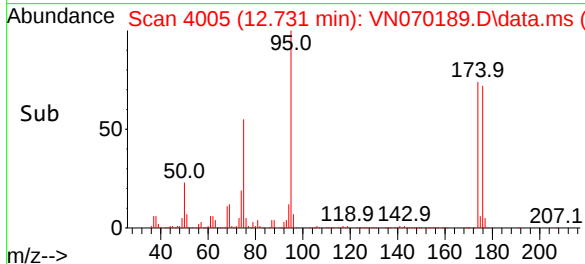
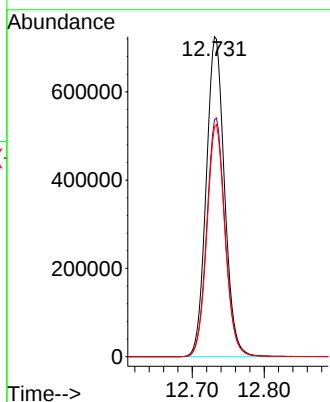
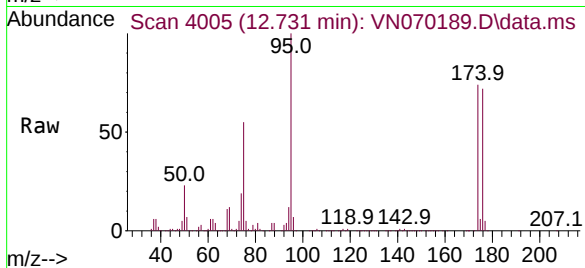




#62
4-Bromofluorobenzene
Concen: 65.091 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070189.D
Acq: 18 Dec 2021 2:50

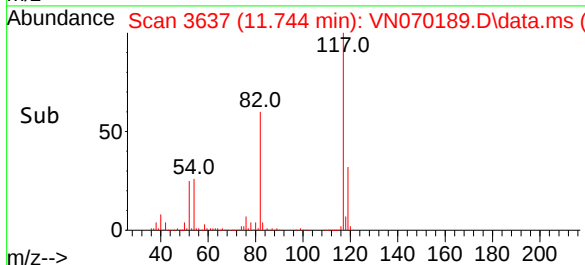
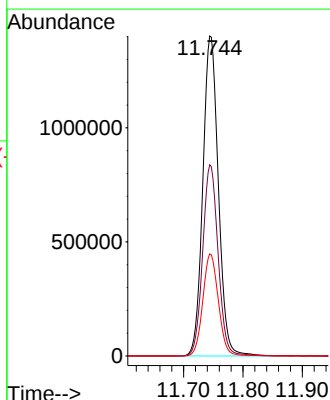
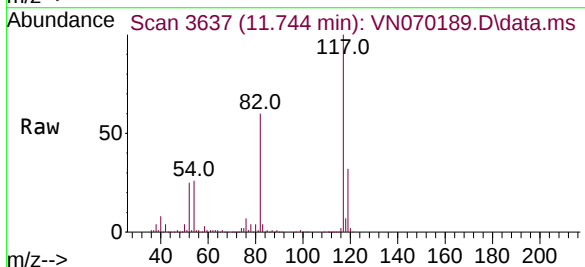
Instrument :
MSVOA_N
ClientSampleId :

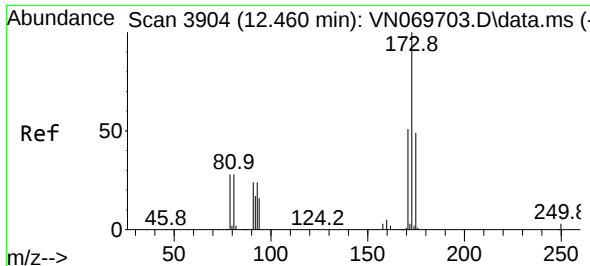
Tgt Ion: 95 Resp: 1280785
Ion Ratio Lower Upper
95 100
174 74.8 0.0 187.2
176 72.2 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN070189.D
Acq: 18 Dec 2021 2:50

Tgt Ion: 117 Resp: 2548588
Ion Ratio Lower Upper
117 100
82 59.8 42.4 63.6
119 31.9 25.4 38.2

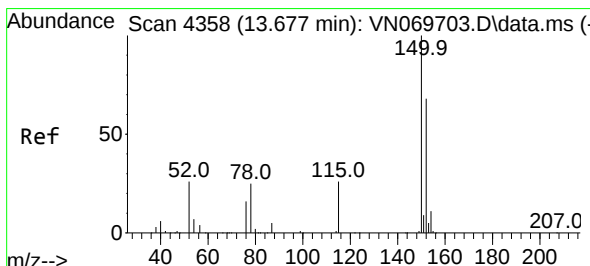
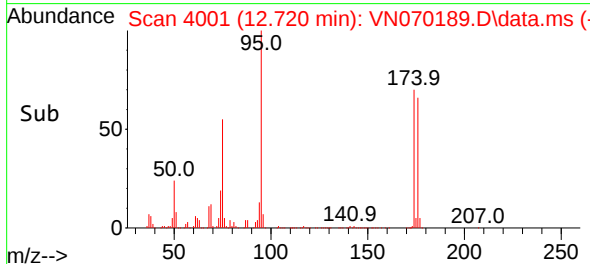
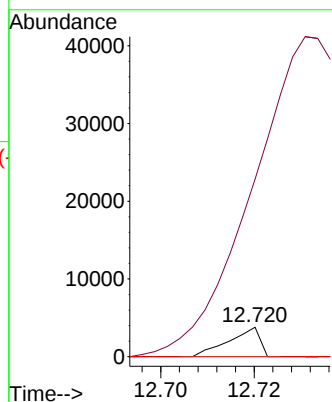
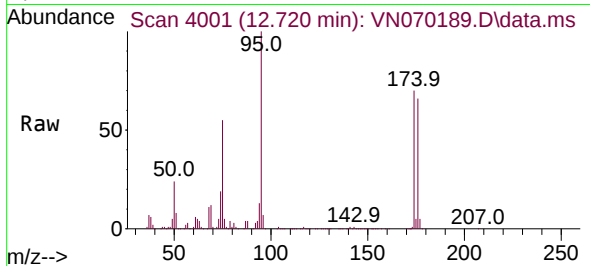




#71
Bromoform
Concen: 2.838 ug/l
RT: 12.720 min Scan# 4001
Delta R.T. 0.260 min
Lab File: VN070189.D
Acq: 18 Dec 2021 2:50

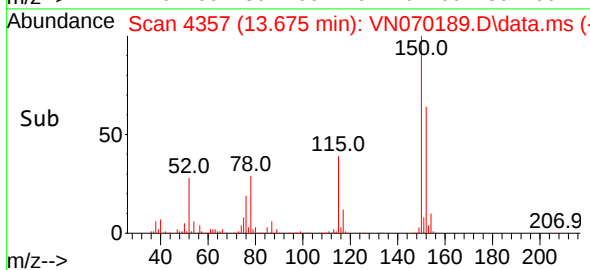
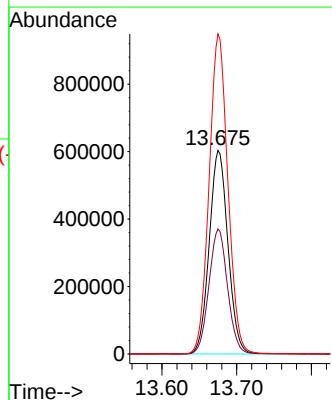
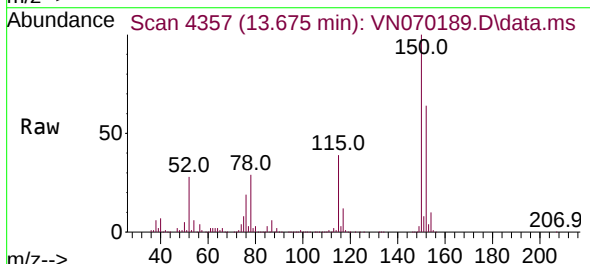
Instrument :
MSVOA_N
ClientSampleId :

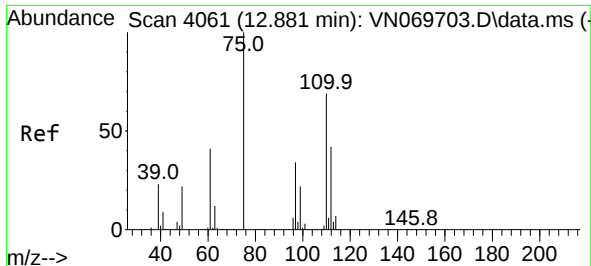
Tgt Ion:173 Resp: 1759
Ion Ratio Lower Upper
173 100
175 3773.4 24.2 72.6#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.002 min
Lab File: VN070189.D
Acq: 18 Dec 2021 2:50

Tgt Ion:152 Resp: 1050090
Ion Ratio Lower Upper
152 100
115 61.2 27.5 82.5
150 157.0 0.0 344.4

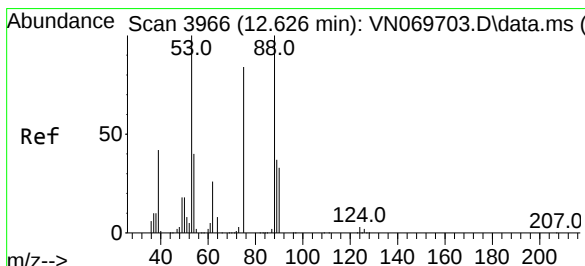
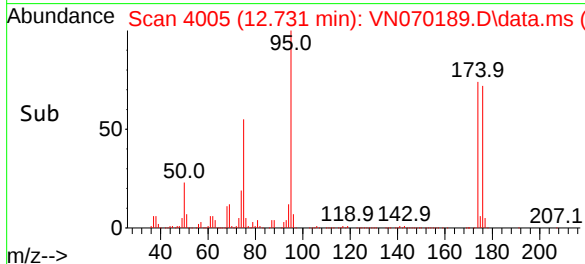
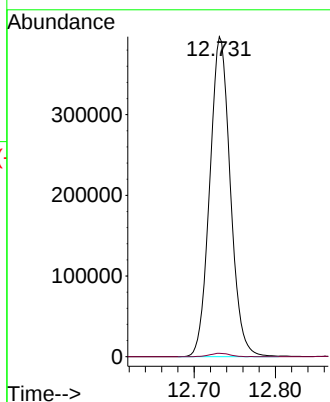
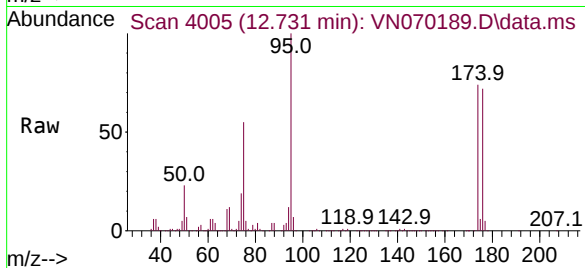




#76
1,2,3-Trichloropropane
Concen: 23.179 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.150 min
Lab File: VN070189.D
Acq: 18 Dec 2021 2:50

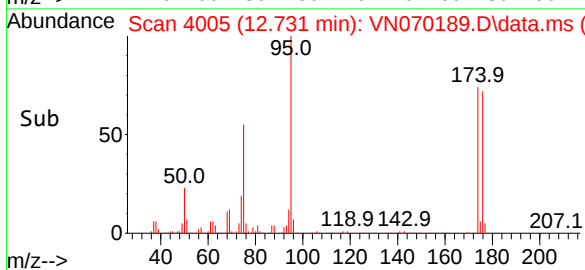
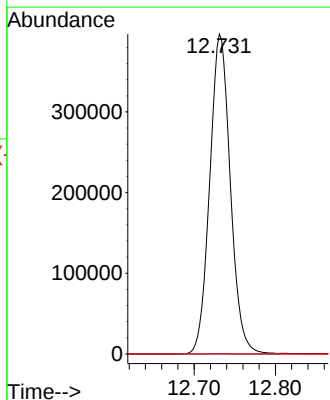
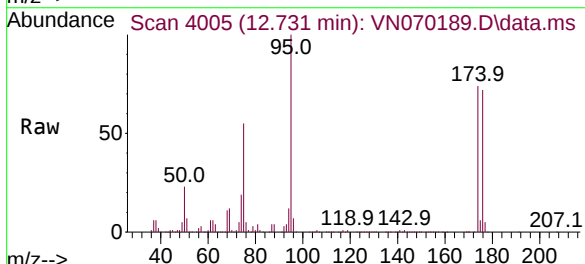
Instrument :
MSVOA_N
ClientSampleId :

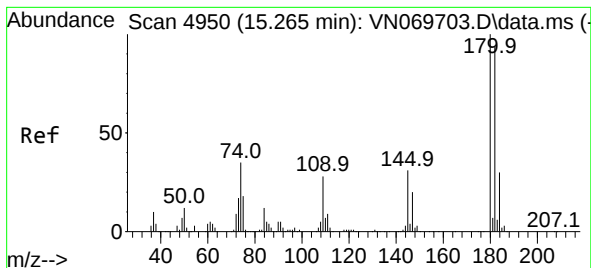
Tgt Ion: 75 Resp: 698003
Ion Ratio Lower Upper
75 100
77 1.0 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.760 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.105 min
Lab File: VN070189.D
Acq: 18 Dec 2021 2:50

Tgt Ion: 75 Resp: 698003
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: 2.918 ug/l

RT: 15.268 min Scan# 4951

Delta R.T. 0.003 min

Lab File: VN070189.D

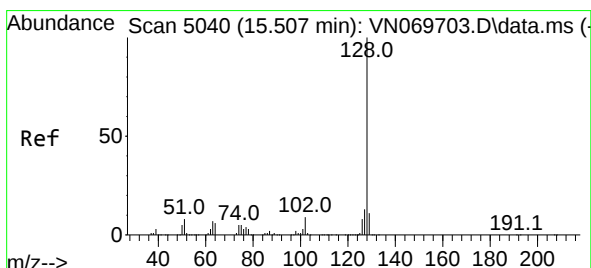
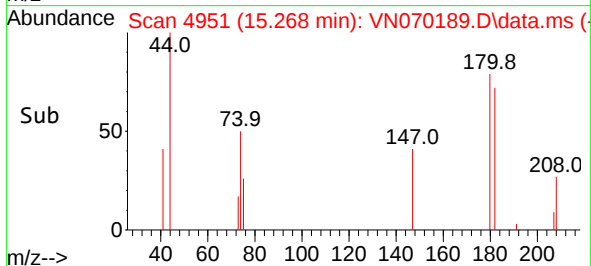
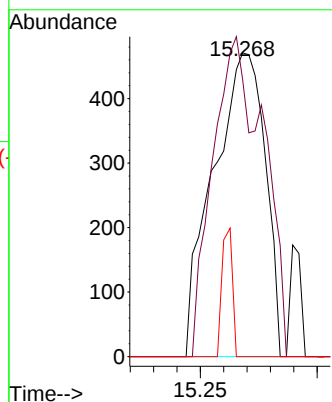
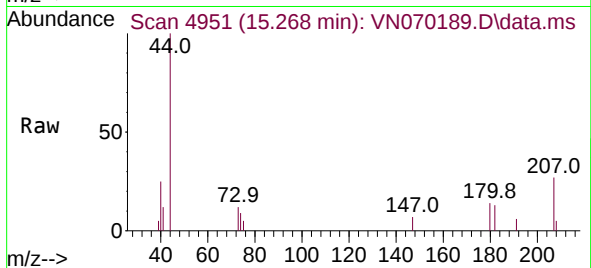
Acq: 18 Dec 2021 2:50

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:180	Resp:	727
Ion Ratio	Lower	Upper
180	100	
182	103.0	48.3 144.9
145	8.4	14.5 43.5#



#95

Naphthalene

Concen: 4.169 ug/l

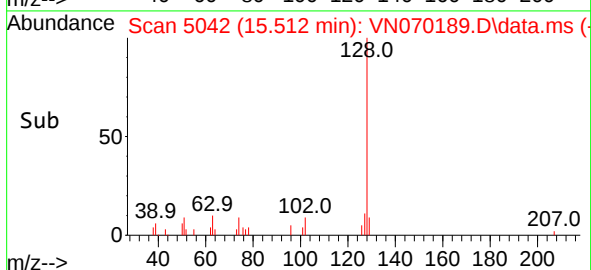
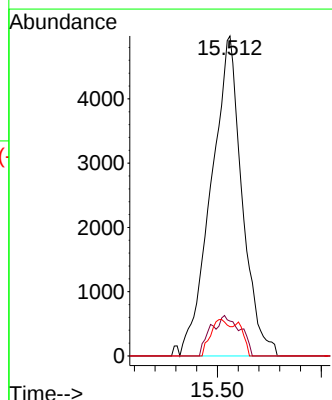
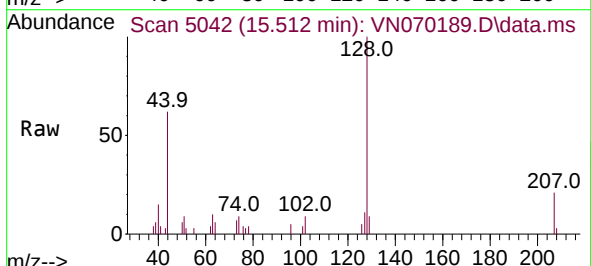
RT: 15.512 min Scan# 5042

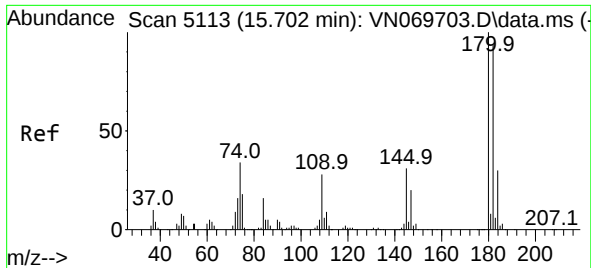
Delta R.T. 0.005 min

Lab File: VN070189.D

Acq: 18 Dec 2021 2:50

Tgt Ion:128	Resp:	10269
Ion Ratio	Lower	Upper
128	100	
127	12.1	10.5 15.7
129	7.5	8.7 13.1#





#96

1,2,3-Trichlorobenzene

Concen: 2.464 ug/l

RT: 15.697 min Scan# 5111

Delta R.T. -0.005 min

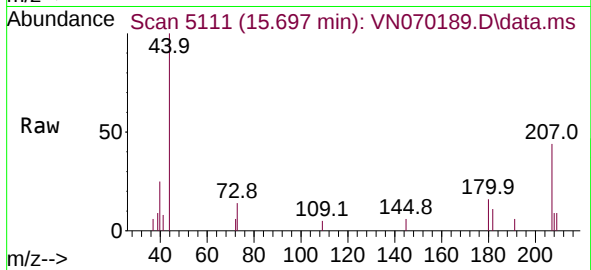
Lab File: VN070189.D

Acq: 18 Dec 2021 2:50

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:180	Resp:	510
Ion	Ratio	Lower Upper
180	100	
182	73.3	47.4 142.2
145	57.6	15.0 45.1#

