

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100121\
 Data File : VN068787.D
 Acq On : 1 Oct 2021 16:52
 Operator : JC/MD
 Sample : M3915-13
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 02 04:01:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092921W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 29 23:31:35 2021
 Response via : Initial Calibration

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

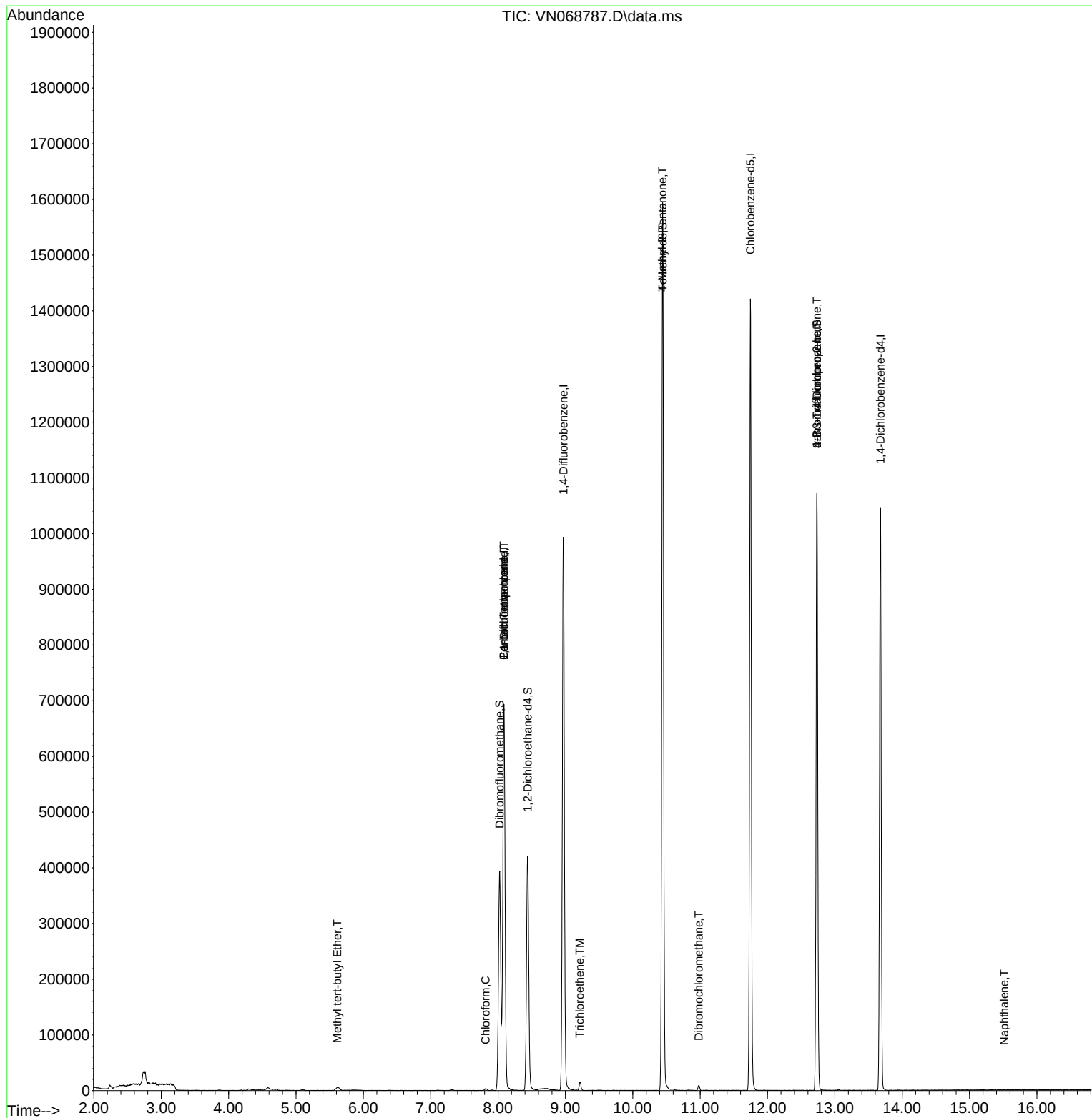
Internal Standards						
1) Pentafluorobenzene	8.088	168	503589	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	867612	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	790491	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	263150	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	353187	50.336	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.680%			
35) Dibromofluoromethane	8.021	113	276321	51.259	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.520%			
50) Toluene-d8	10.443	98	1091331	55.402	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 110.800%			
62) 4-Bromofluorobenzene	12.734	95	339562	49.609	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 99.220%			
Target Compounds						
						Qvalue
3) Chloromethane	2.301	50	1416	Below Cal	#	80
5) Bromomethane	2.853	94	610	Below Cal	#	58
6) Chloroethane	3.017	64	556	Below Cal	#	79
16) Acetone	4.296	43	2362	Below Cal	#	83
17) Carbon Disulfide	4.535	76	145	Below Cal	#	74
19) Methyl tert-butyl Ether	5.613	73	4854	0.258	ug/l #	90
30) Chloroform	7.815	83	2890	0.232	ug/l #	67
31) Cyclohexane	8.086	56	14329	Below Cal	#	55
36) 1,1-Dichloropropene	8.086	75	42493	5.207	ug/l #	49
38) Carbon Tetrachloride	8.086	117	56499	5.829	ug/l #	17
44) Trichloroethene	9.212	130	2755	0.415	ug/l	88
51) 4-Methyl-2-Pentanone	10.440	43	5332	0.619	ug/l #	1
60) Dibromochloromethane	10.977	129	1803	0.243	ug/l #	11
76) 1,2,3-Trichloropropane	12.734	75	198922	33.991	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.734	75	198922	98.812	ug/l #	6
95) Naphthalene	15.515	128	222	1.464	ug/l #	69

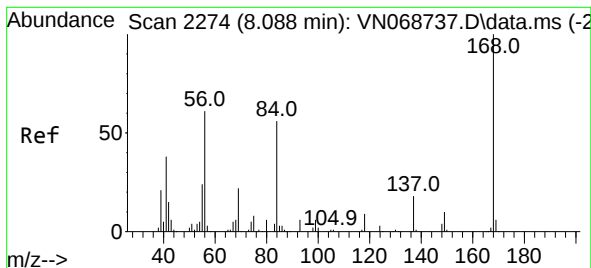
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Sep 29 23:31:35 2021
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.088 min Scan# 2274

Delta R.T. 0.000 min

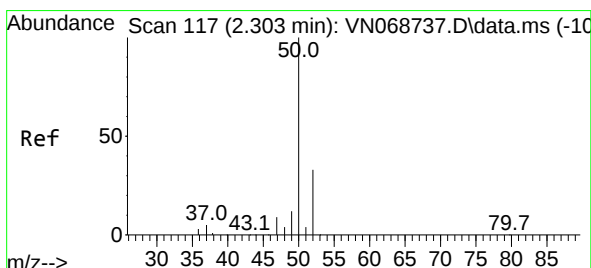
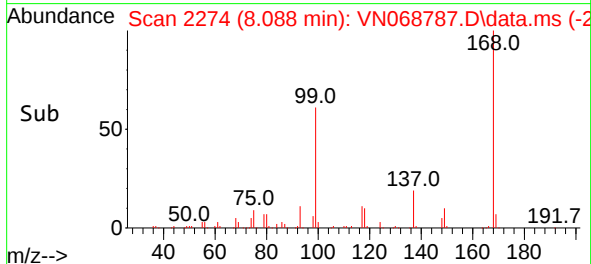
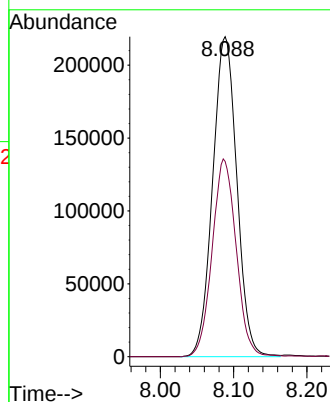
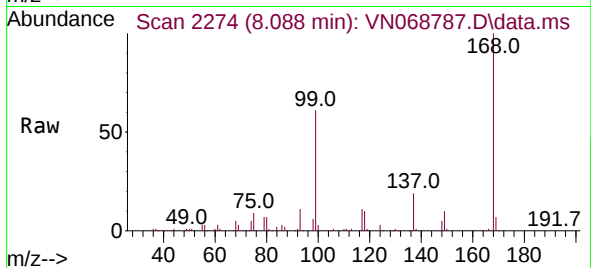
Lab File: VN068787.D

Acq: 1 Oct 2021 16:52

Tgt Ion:168 Resp: 503589

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
168	100		
99	61.0	62.9	94.3#



#3

Chloromethane

Concen: Below Cal

RT: 2.301 min Scan# 116

Delta R.T. -0.002 min

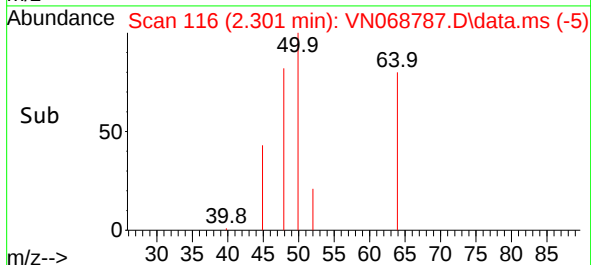
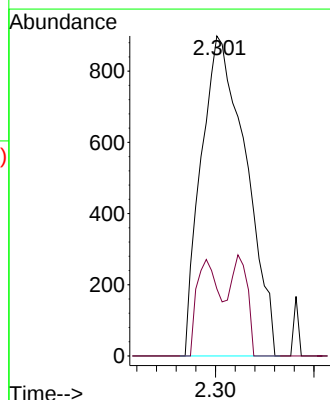
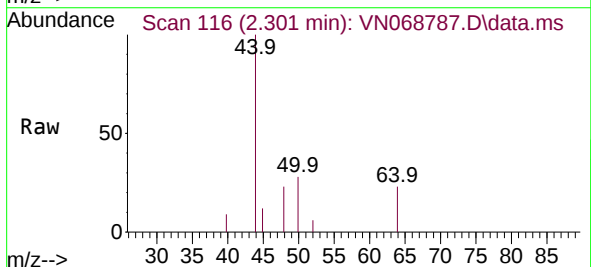
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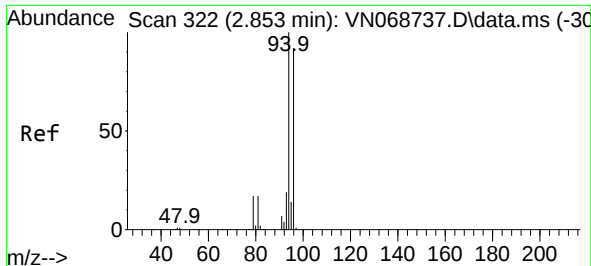
Acq: 1 Oct 2021 16:52

Tgt Ion: 50 Resp: 1416

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
50	100		
52	21.0	25.6	38.4#

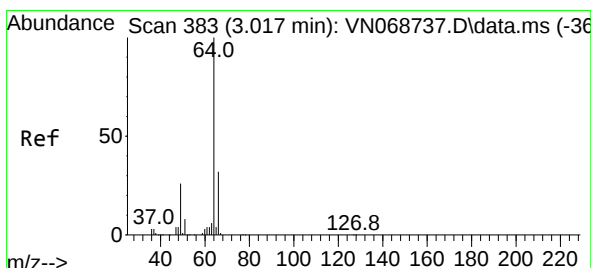
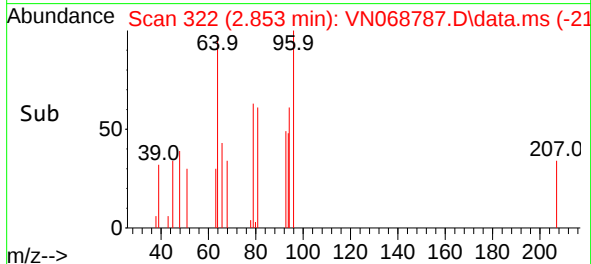
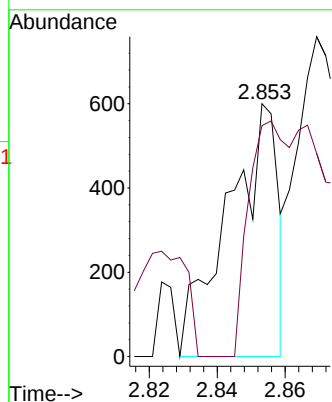
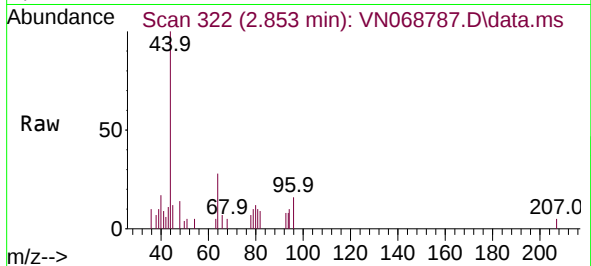




#5
Bromomethane
Concen: Below Cal
RT: 2.853 min Scan# 322
Delta R.T. 0.000 min
Lab File: VN068787.D
Acq: 1 Oct 2021 16:52

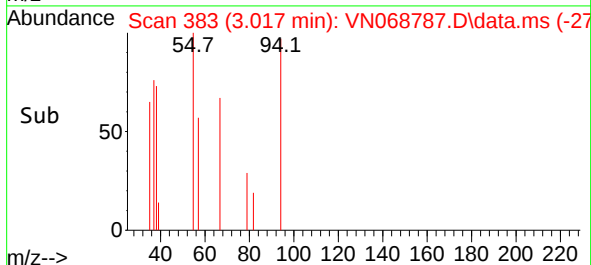
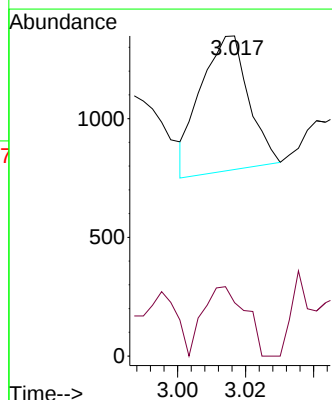
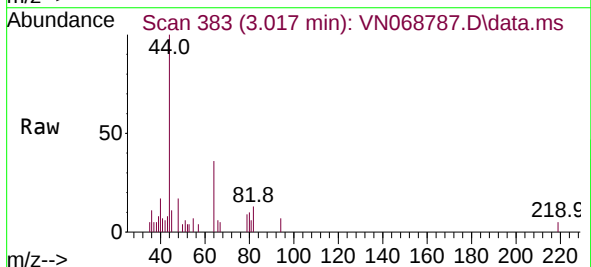
Instrument :
MSVOA_N
ClientSampled :

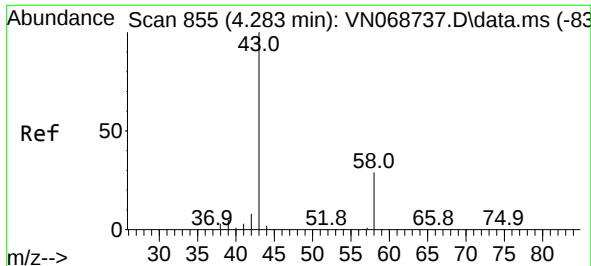
Tgt Ion: 94 Resp: 610
Ion Ratio Lower Upper
94 100
96 52.2 73.7 110.5#



#6
Chloroethane
Concen: Below Cal
RT: 3.017 min Scan# 383
Delta R.T. -0.000 min
Lab File: VN068787.D
Acq: 1 Oct 2021 16:52

Tgt Ion: 64 Resp: 556
Ion Ratio Lower Upper
64 100
66 42.3 24.7 37.1#

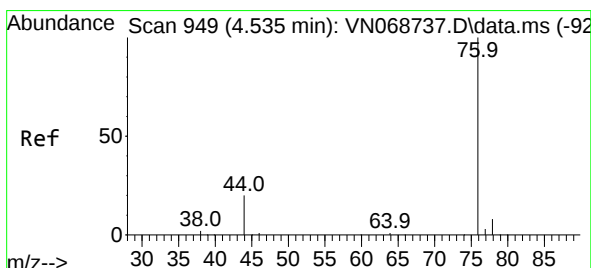
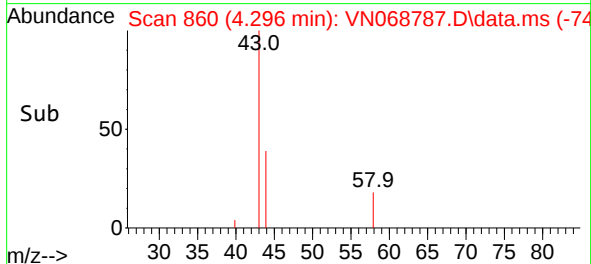
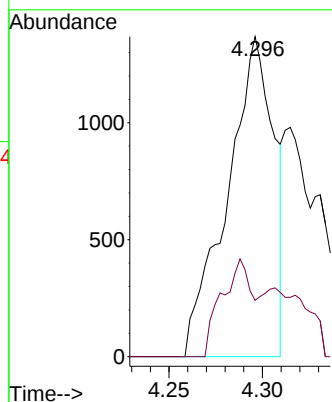
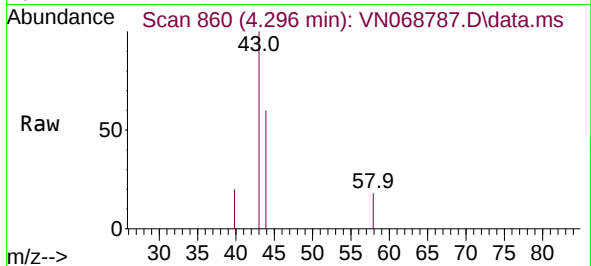




#16
Acetone
Concen: Below Cal
RT: 4.296 min Scan# 860
Delta R.T. 0.013 min
Lab File: VN068787.D
Acq: 1 Oct 2021 16:52

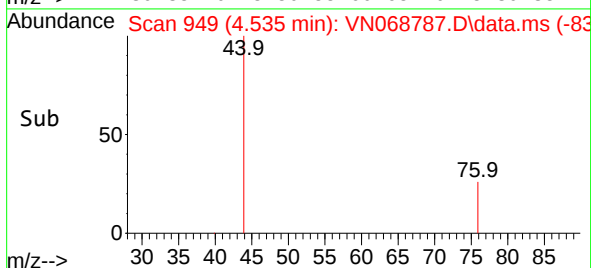
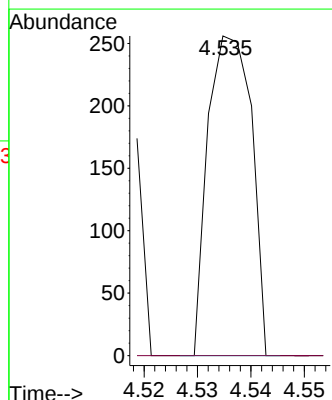
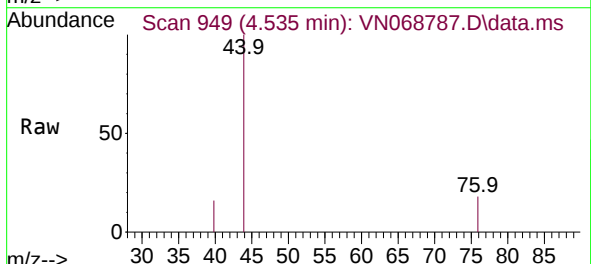
Instrument :
MSVOA_N
ClientSampled :

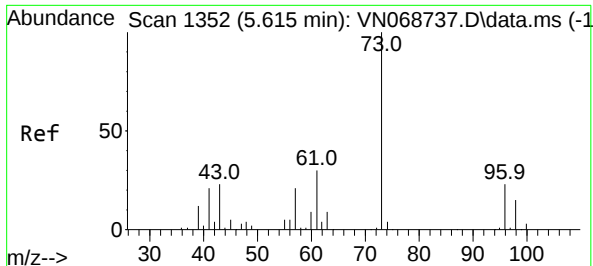
Tgt Ion: 43 Resp: 2362
Ion Ratio Lower Upper
43 100
58 17.6 21.2 31.8#



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.535 min Scan# 949
Delta R.T. -0.000 min
Lab File: VN068787.D
Acq: 1 Oct 2021 16:52

Tgt Ion: 76 Resp: 145
Ion Ratio Lower Upper
76 100
78 0.0 7.7 11.5#



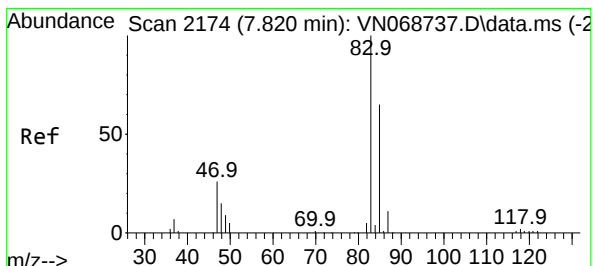
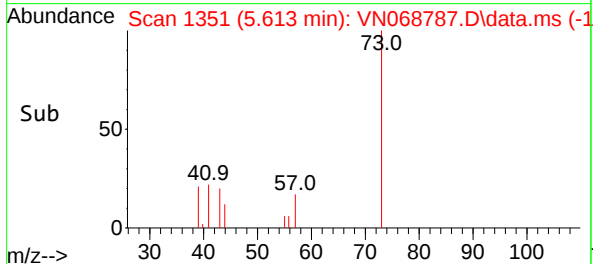
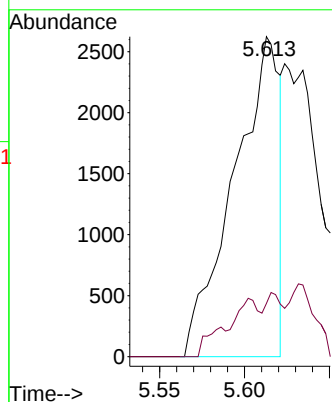
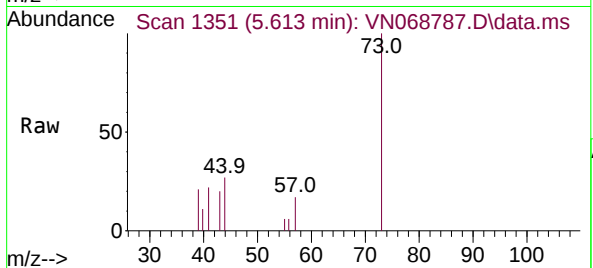


#19

Methyl tert-butyl Ether
Concen: 0.258 ug/l
RT: 5.613 min Scan# 1351
Delta R.T. -0.002 min
Lab File: VN068787.D
Acq: 1 Oct 2021 16:52

Instrument :
MSVOA_N
ClientSampled :

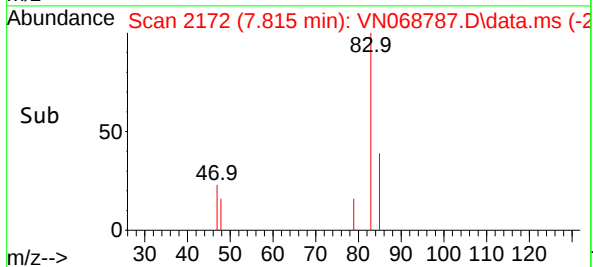
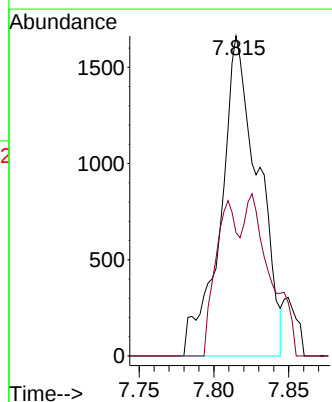
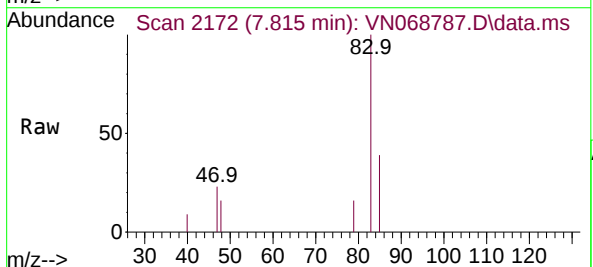
Tgt Ion: 73 Resp: 4854
Ion Ratio Lower Upper
73 100
57 16.6 17.0 25.6#

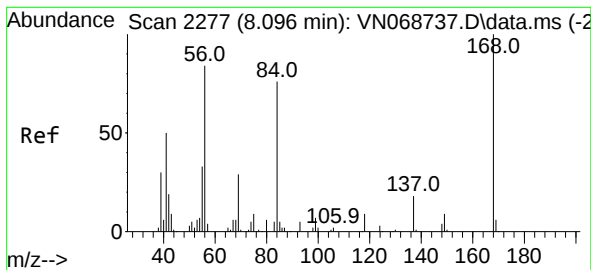


#30

Chloroform
Concen: 0.232 ug/l
RT: 7.815 min Scan# 2172
Delta R.T. -0.005 min
Lab File: VN068787.D
Acq: 1 Oct 2021 16:52

Tgt Ion: 83 Resp: 2890
Ion Ratio Lower Upper
83 100
85 38.5 51.5 77.3#

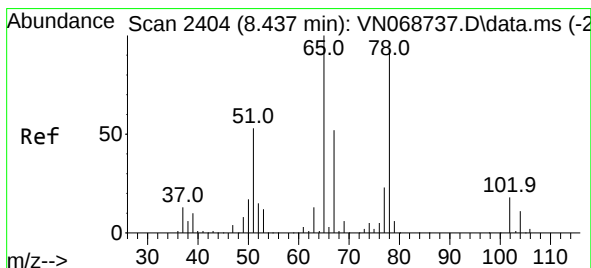
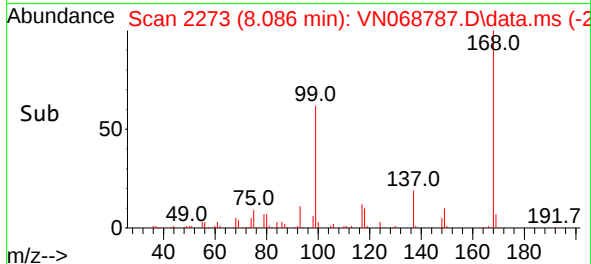
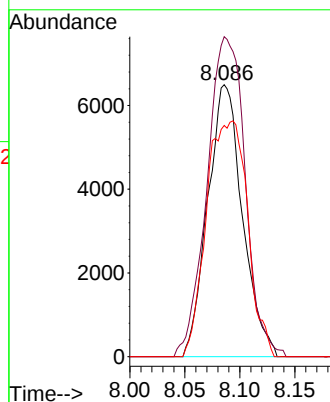
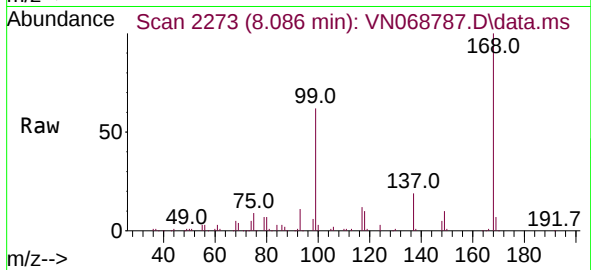




#31
Cyclohexane
Concen: Below Cal
RT: 8.086 min Scan# 2273
Delta R.T. -0.010 min
Lab File: VN068787.D
Acq: 1 Oct 2021 16:52

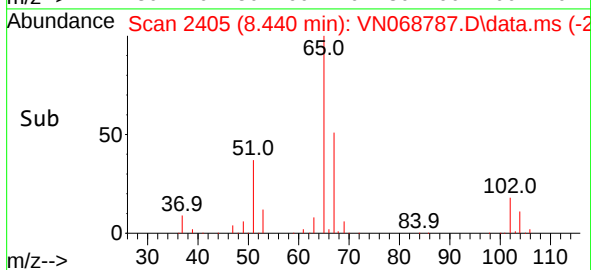
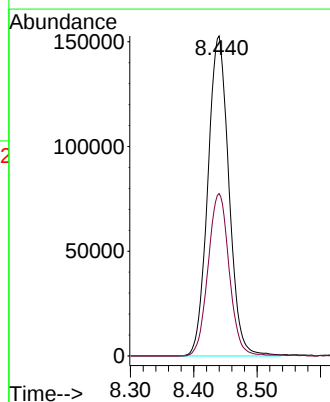
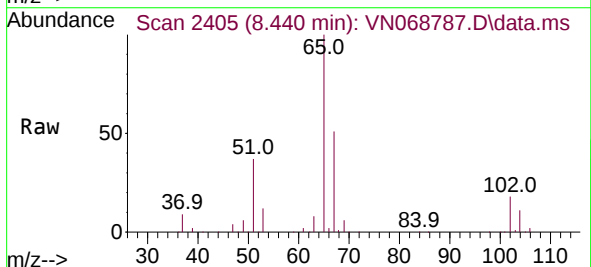
Instrument :
MSVOA_N
ClientSampled :

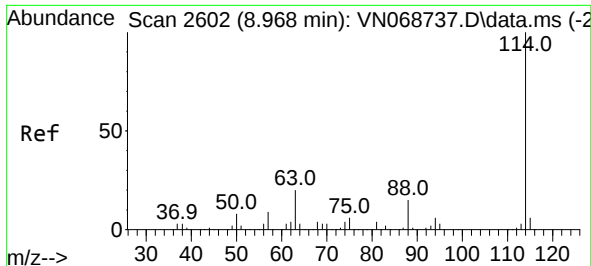
Tgt Ion: 56 Resp: 14329
Ion Ratio Lower Upper
56 100
69 115.2 27.3 40.9#
84 85.0 64.9 97.3



#33
1,2-Dichloroethane-d4
Concen: 50.336 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN068787.D
Acq: 1 Oct 2021 16:52

Tgt Ion: 65 Resp: 353187
Ion Ratio Lower Upper
65 100
67 50.8 0.0 98.6

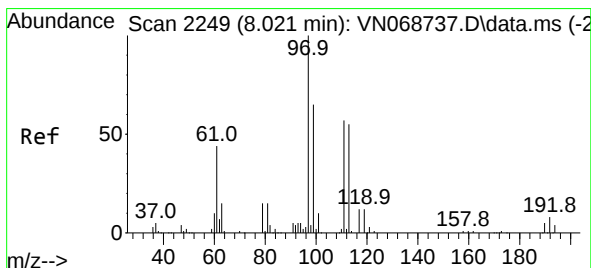
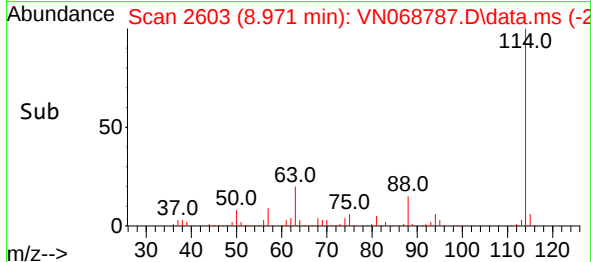
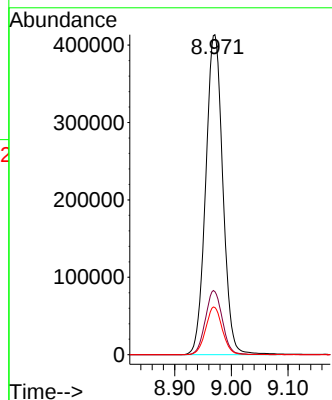
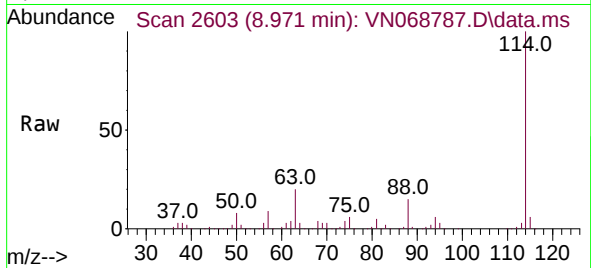




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068787.D
Acq: 1 Oct 2021 16:52

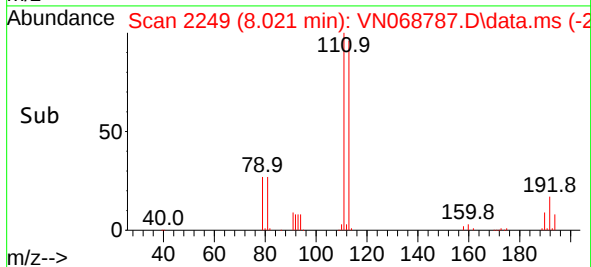
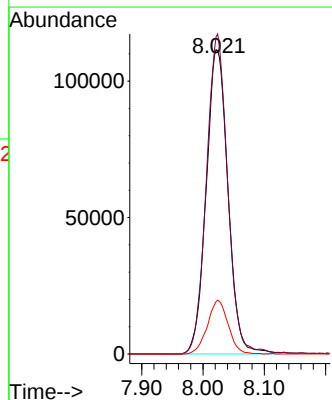
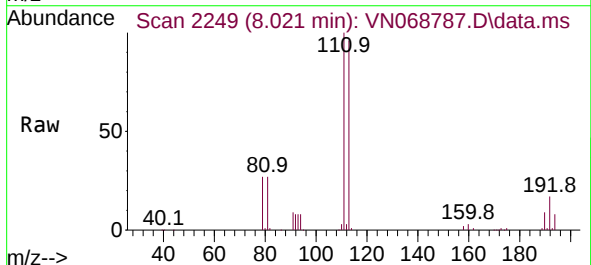
Instrument :
MSVOA_N
ClientSampled :

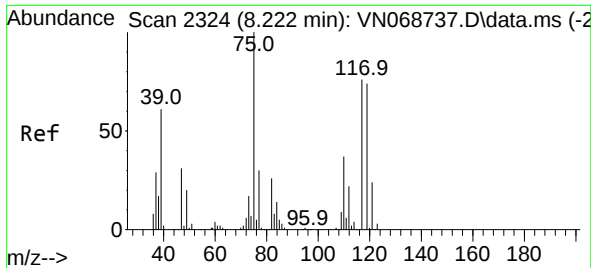
Tgt Ion:114 Resp: 867612
Ion Ratio Lower Upper
114 100
63 19.7 0.0 49.0
88 14.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 51.259 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VN068787.D
Acq: 1 Oct 2021 16:52

Tgt Ion:113 Resp: 276321
Ion Ratio Lower Upper
113 100
111 101.5 83.8 125.8
192 16.8 13.4 20.0

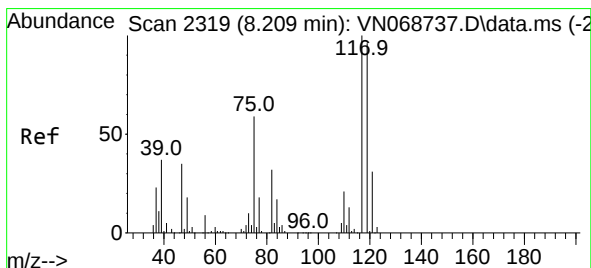
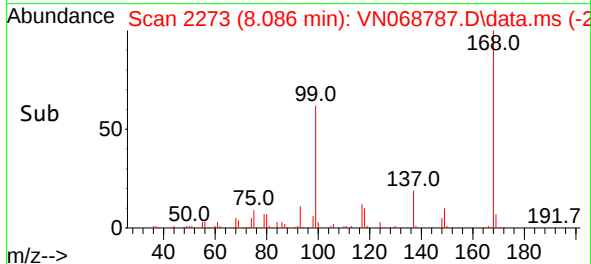
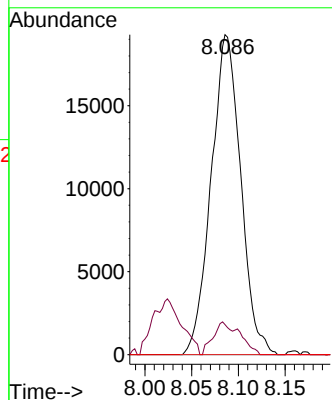
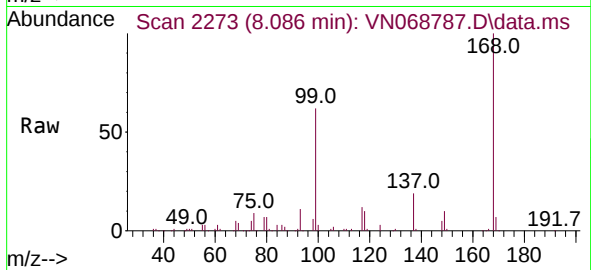




#36
 1,1-Dichloropropene
 Concen: 5.207 ug/l
 RT: 8.086 min Scan# 2273
 Delta R.T. -0.136 min
 Lab File: VN068787.D
 Acq: 1 Oct 2021 16:52

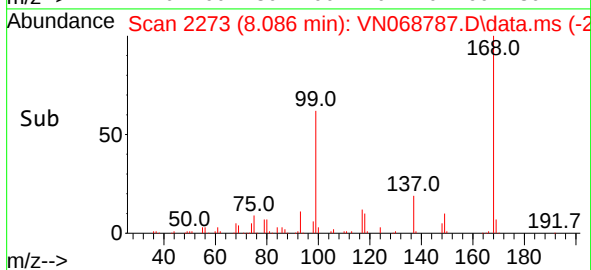
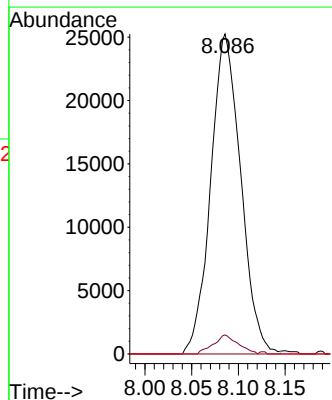
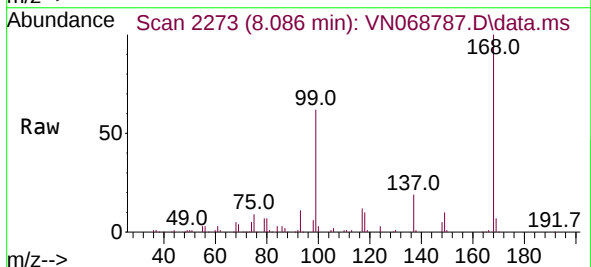
Instrument :
 MSVOA_N
 ClientSampleId :

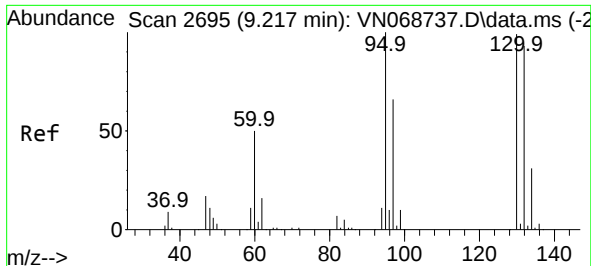
Tgt Ion: 75 Resp: 42493
 Ion Ratio Lower Upper
 75 100
 110 6.1 15.7 47.0#
 77 0.0 24.6 37.0#



#38
 Carbon Tetrachloride
 Concen: 5.829 ug/l
 RT: 8.086 min Scan# 2273
 Delta R.T. -0.123 min
 Lab File: VN068787.D
 Acq: 1 Oct 2021 16:52

Tgt Ion: 117 Resp: 56499
 Ion Ratio Lower Upper
 117 100
 119 6.0 75.4 113.2#
 121 0.0 23.5 35.3#

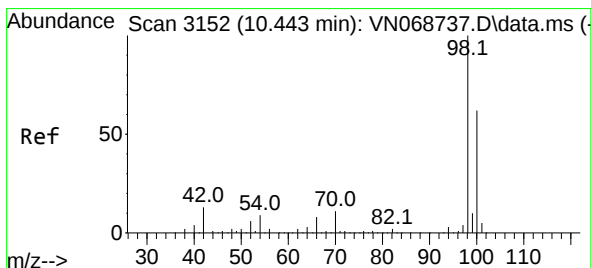
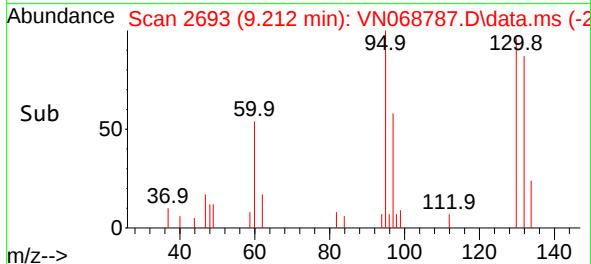
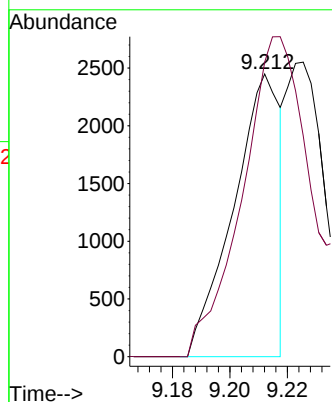
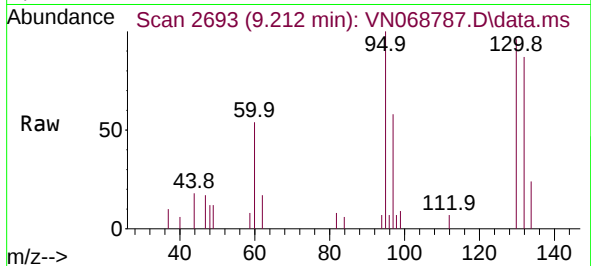




#44
Trichloroethene
Concen: 0.415 ug/l
RT: 9.212 min Scan# 2693
Delta R.T. -0.005 min
Lab File: VN068787.D
Acq: 1 Oct 2021 16:52

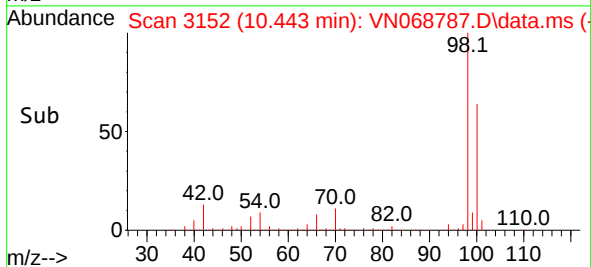
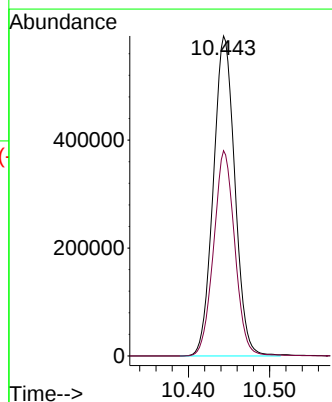
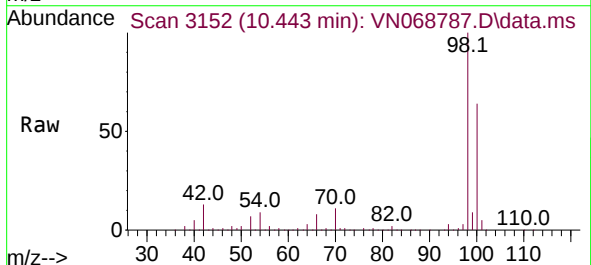
Instrument :
MSVOA_N
ClientSampled :

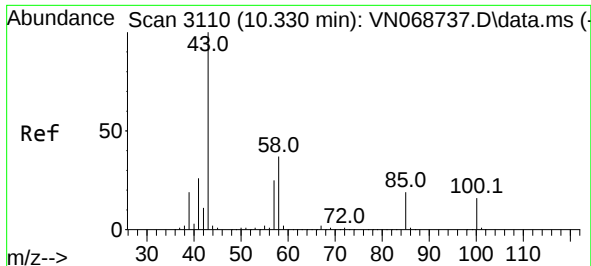
Tgt Ion:130 Resp: 2755
Ion Ratio Lower Upper
130 100
95 104.2 0.0 234.4



#50
Toluene-d8
Concen: 55.402 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068787.D
Acq: 1 Oct 2021 16:52

Tgt Ion: 98 Resp: 1091331
Ion Ratio Lower Upper
98 100
100 63.2 51.7 77.5

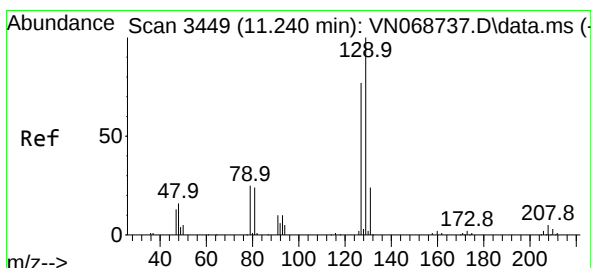
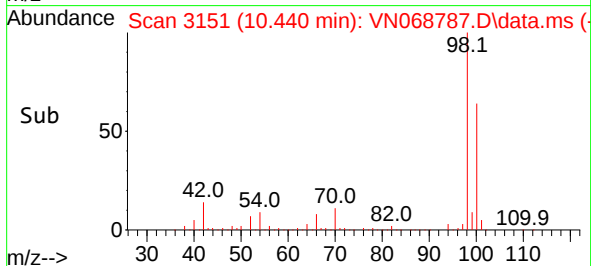
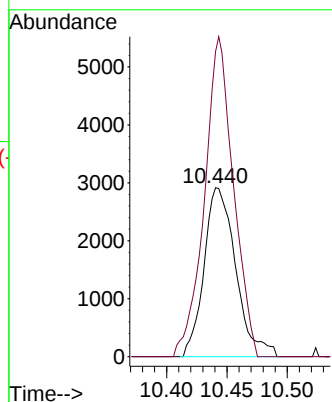
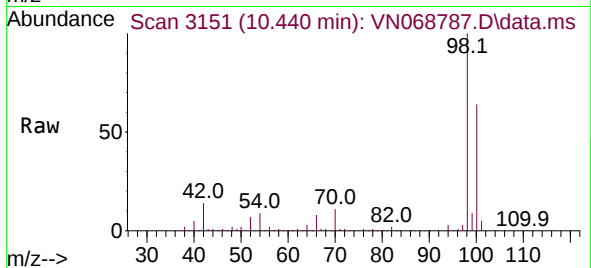




#51
4-Methyl-2-Pentanone
Concen: 0.619 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.110 min
Lab File: VN068787.D
Acq: 1 Oct 2021 16:52

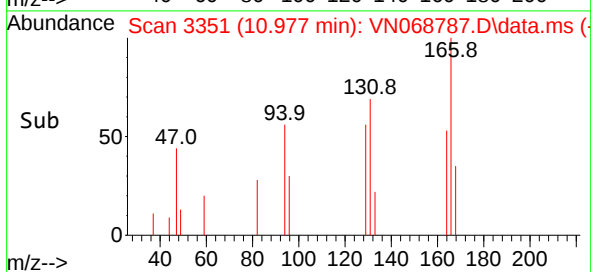
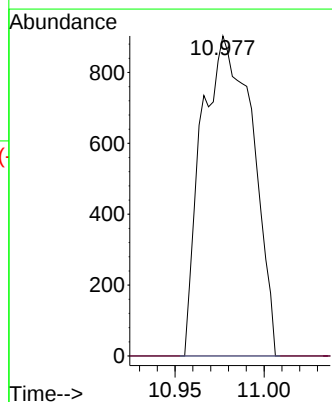
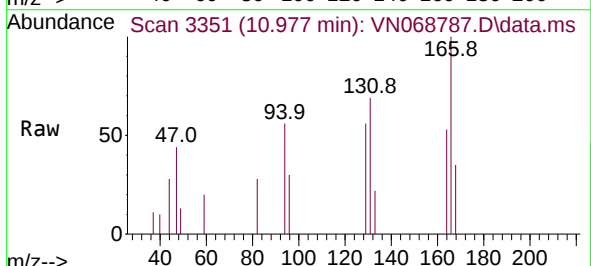
Instrument :
MSVOA_N
ClientSampled :

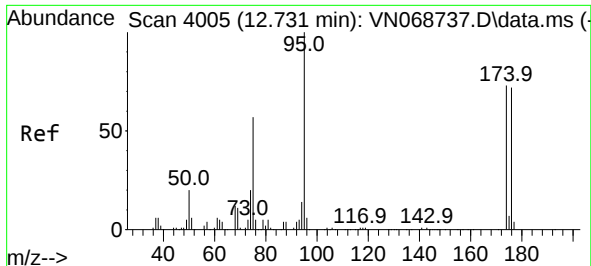
Tgt Ion: 43 Resp: 5332
Ion Ratio Lower Upper
43 100
58 172.9 28.6 43.0#



#60
Dibromochloromethane
Concen: 0.243 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.263 min
Lab File: VN068787.D
Acq: 1 Oct 2021 16:52

Tgt Ion: 129 Resp: 1803
Ion Ratio Lower Upper
129 100
127 0.0 38.6 115.8#

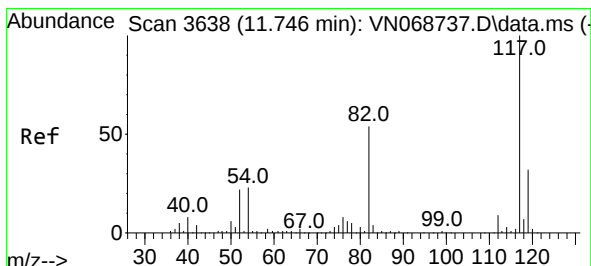
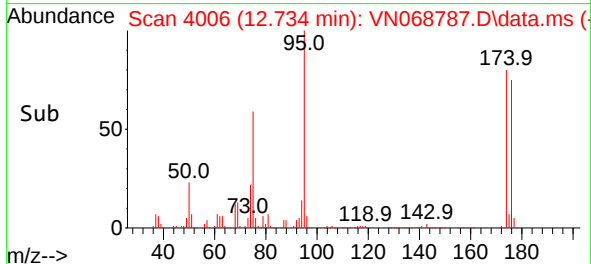
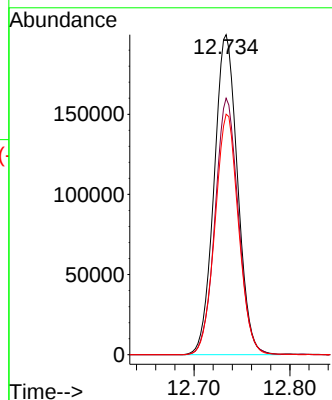
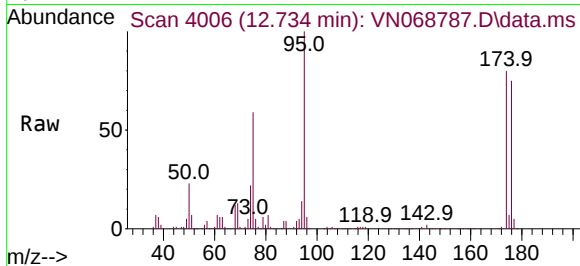




#62
4-Bromofluorobenzene
Concen: 49.609 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.003 min
Lab File: VN068787.D
Acq: 1 Oct 2021 16:52

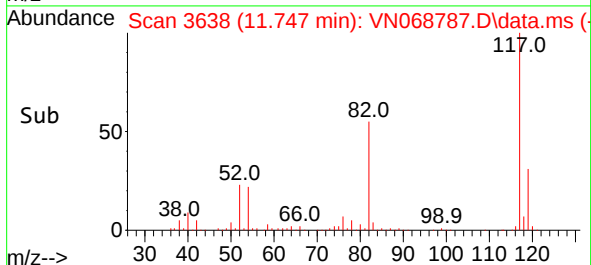
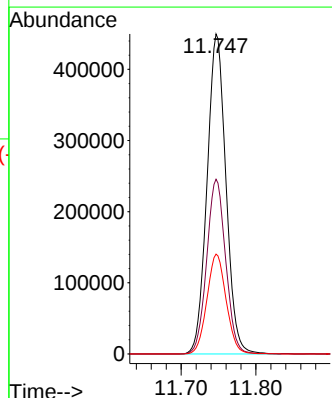
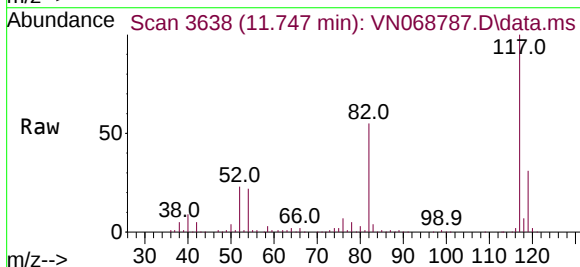
Instrument :
MSVOA_N
ClientSampled :

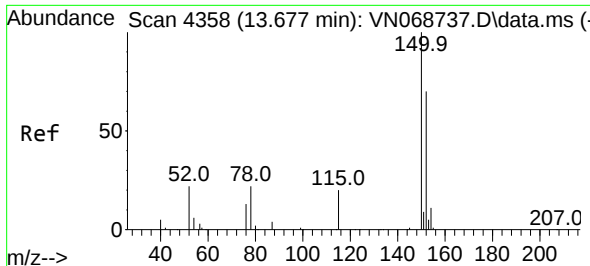
Tgt Ion: 95 Resp: 339562
Ion Ratio Lower Upper
95 100
174 79.4 0.0 122.0
176 75.2 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.001 min
Lab File: VN068787.D
Acq: 1 Oct 2021 16:52

Tgt Ion: 117 Resp: 790491
Ion Ratio Lower Upper
117 100
82 54.6 53.1 79.7
119 31.2 25.5 38.3

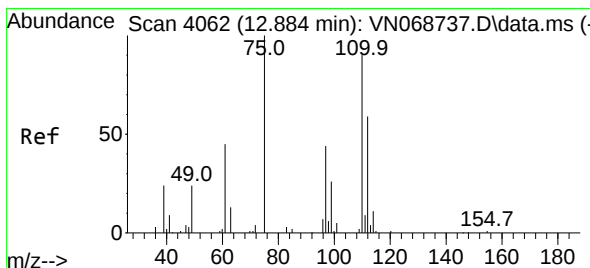
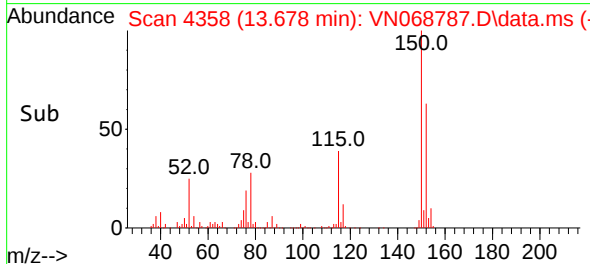
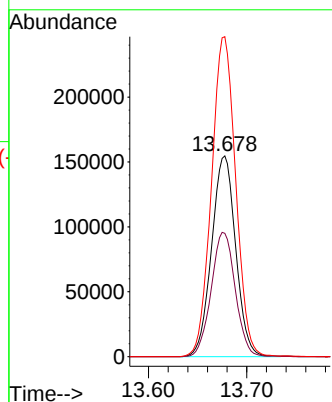
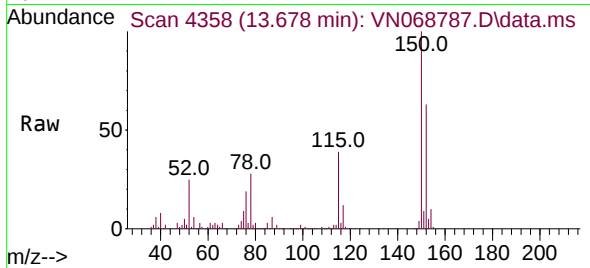




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.001 min
Lab File: VN068787.D
Acq: 1 Oct 2021 16:52

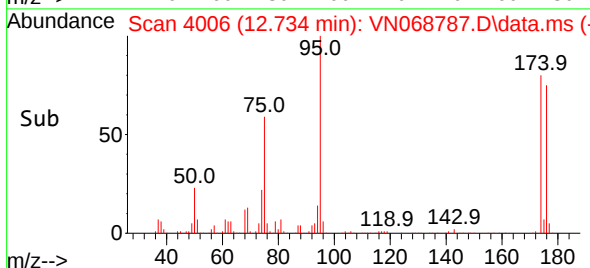
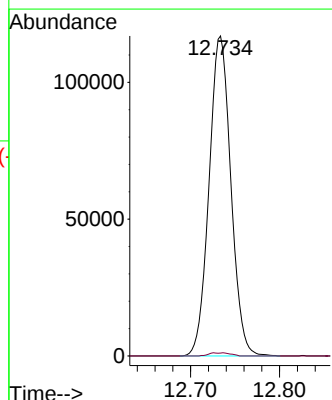
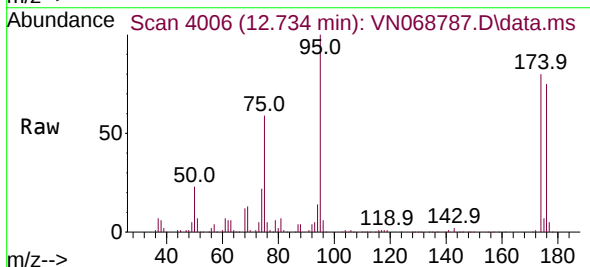
Instrument :
MSVOA_N
ClientSampled :

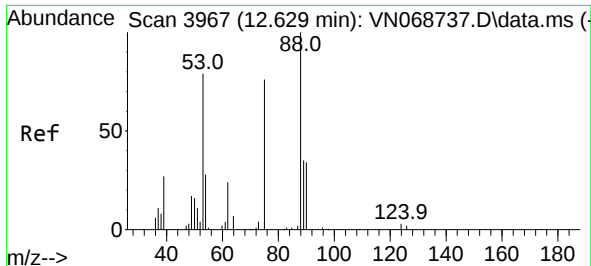
Tgt Ion:152 Resp: 263150
Ion Ratio Lower Upper
152 100
115 61.9 36.1 108.5
150 160.1 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 33.991 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.150 min
Lab File: VN068787.D
Acq: 1 Oct 2021 16:52

Tgt Ion: 75 Resp: 198922
Ion Ratio Lower Upper
75 100
77 0.5 0.0 0.0#

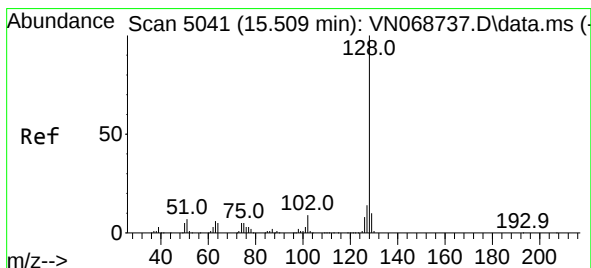
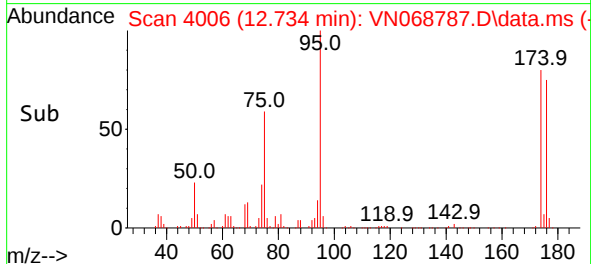
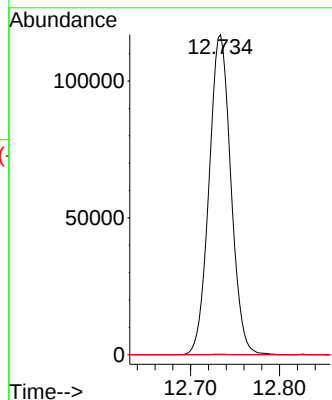
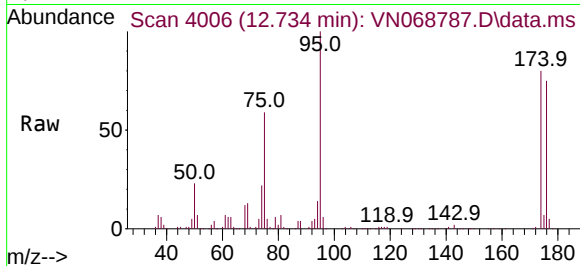




#81
trans-1,4-Dichloro-2-butene
Concen: 98.812 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.105 min
Lab File: VN068787.D
Acq: 1 Oct 2021 16:52

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion: 75 Resp: 198922
Ion Ratio Lower Upper
75 100
53 0.1 87.6 131.4#
89 0.0 37.8 56.8#



#95
Naphthalene
Concen: 1.464 ug/l
RT: 15.515 min Scan# 5043
Delta R.T. 0.006 min
Lab File: VN068787.D
Acq: 1 Oct 2021 16:52

Tgt Ion:128 Resp: 222
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 0.0 8.6 12.8#

