

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072721\
 Data File : VN067937.D
 Acq On : 27 Jul 2021 18:50
 Operator : JC/MD
 Sample : M3147-10
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 28 05:23:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 07 16:18:53 2021
 Response via : Initial Calibration

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

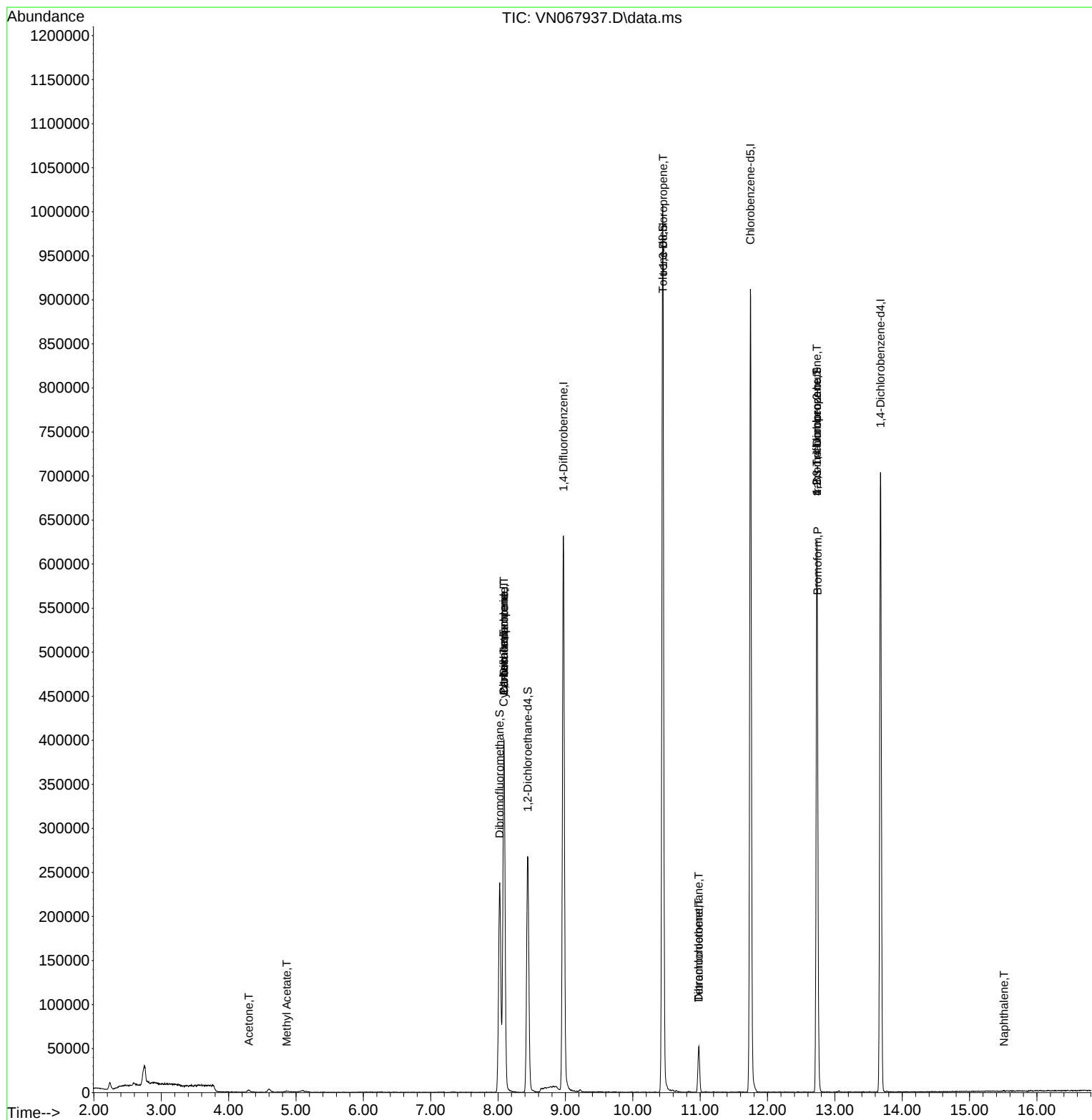
Internal Standards						
1) Pentafluorobenzene	8.088	168	287913	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	553115	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	522861	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	180240	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	232446	53.421	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery	= 106.840%		
35) Dibromofluoromethane	8.024	113	171315	51.264	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery	= 102.520%		
50) Toluene-d8	10.446	98	705520	50.438	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery	= 100.880%		
62) 4-Bromofluorobenzene	12.733	95	225044	45.543	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery	= 91.080%		
Target Compounds						Qvalue
5) Bromomethane	2.837	94	24	Below Cal	#	4
6) Chloroethane	2.872	64	24	Below Cal	#	1
13) Acrolein	4.036	56	24	Below Cal	#	14
16) Acetone	4.299	43	2648	1.934	ug/l	95
18) Methyl Acetate	4.862	43	1014	0.264	ug/l #	54
20) Methylene Chloride	5.092	84	635	Below Cal	#	62
31) Cyclohexane	8.083	56	7518	1.232	ug/l #	29
36) 1,1-Dichloropropene	8.088	75	25925	5.046	ug/l #	50
38) Carbon Tetrachloride	8.088	117	31697	6.254	ug/l #	17
53) t-1,3-Dichloropropene	10.451	75	127	1.763	ug/l #	63
60) Dibromochloromethane	10.979	129	11409	4.651	ug/l #	11
64) Tetrachloroethene	10.979	164	10831	2.935	ug/l	95
71) Bromoform	12.741	173	192	3.229	ug/l #	1
76) 1,2,3-Trichloropropane	12.733	75	127691	34.691	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.733	75	127691	111.847	ug/l #	6
95) Naphthalene	15.512	128	370	3.052	ug/l #	69

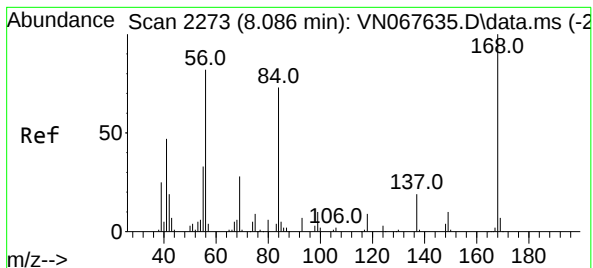
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jul 07 16:18:53 2021
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.088 min Scan# 2274

Delta R.T. 0.002 min

Lab File: VN067937.D

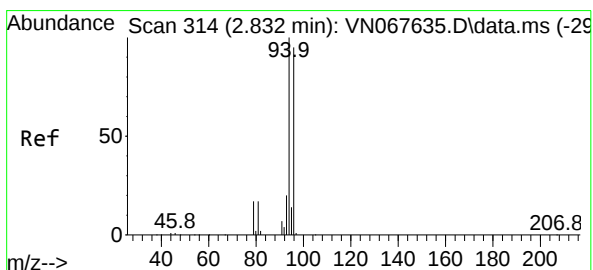
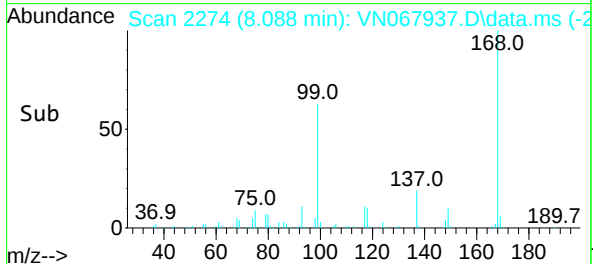
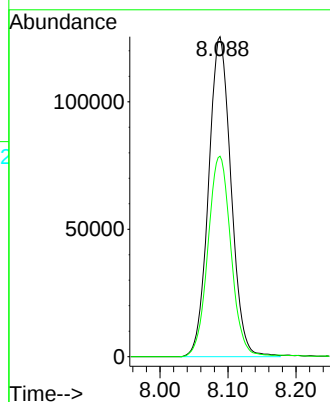
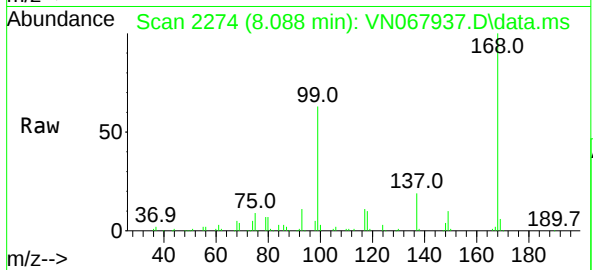
Acq: 27 Jul 2021 18:50

Tgt Ion:168 Resp: 287913

Ion Ratio Lower Upper

168 100

99 62.7 62.9 94.3#



#5

Bromomethane

Concen: Below Cal

RT: 2.837 min Scan# 316

Delta R.T. 0.005 min

Lab File: VN067937.D

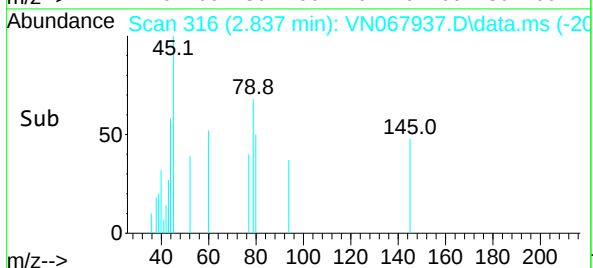
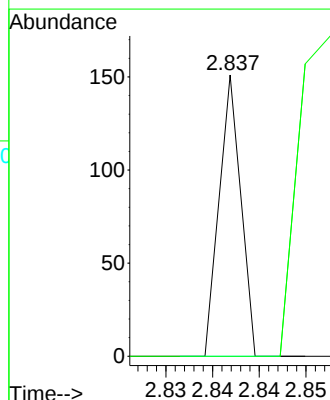
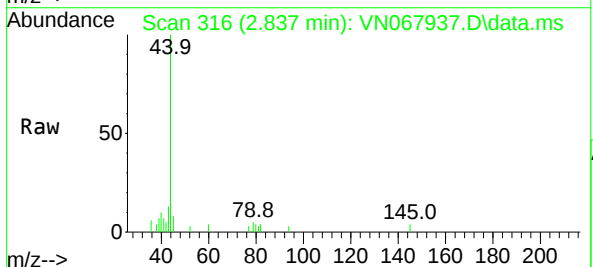
Acq: 27 Jul 2021 18:50

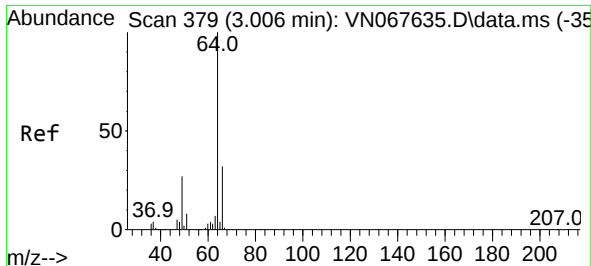
Tgt Ion: 94 Resp: 24

Ion Ratio Lower Upper

94 100

96 0.0 73.7 110.5#

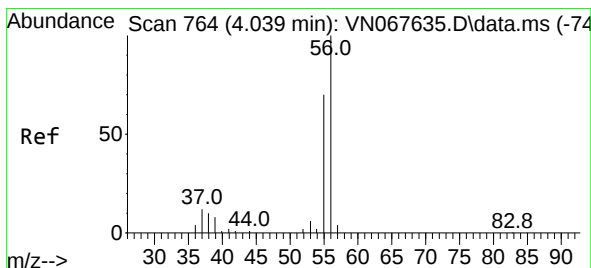
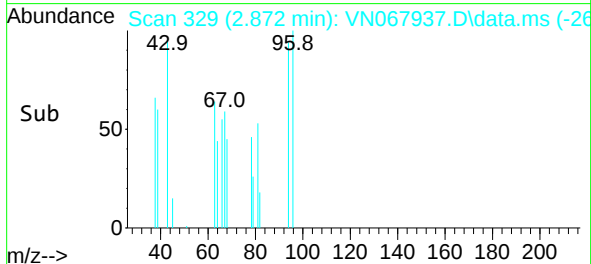
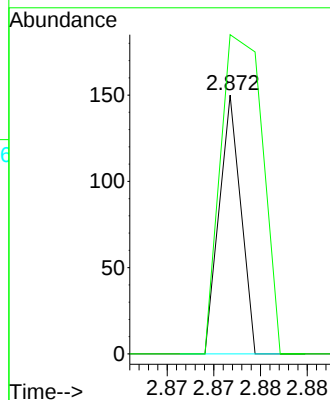
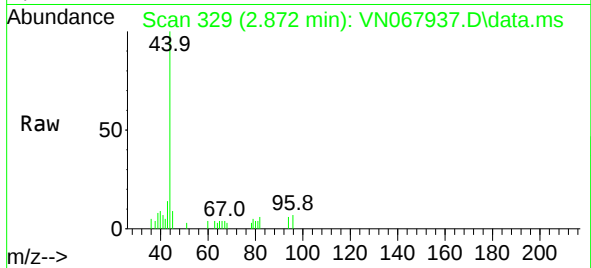




#6
Chloroethane
Concen: Below Cal
RT: 2.872 min Scan# 329
Delta R.T. -0.134 min
Lab File: VN067937.D
Acq: 27 Jul 2021 18:50

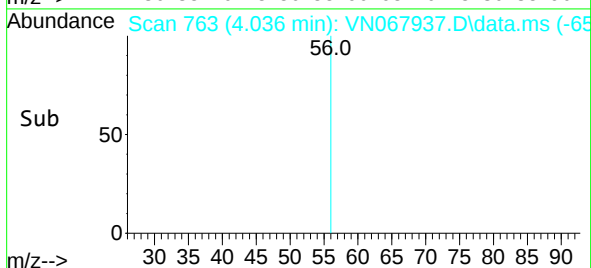
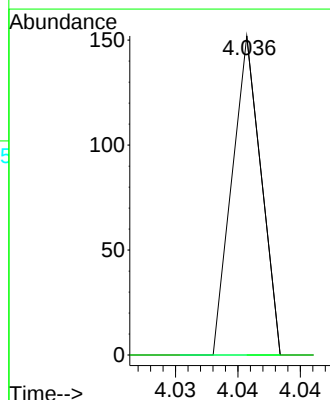
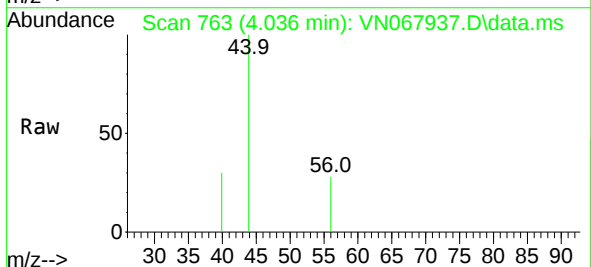
Instrument :
MSVOA_N
ClientSampleId :

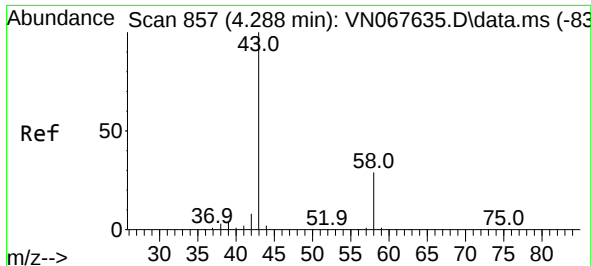
Tgt Ion: 64 Resp: 24
Ion Ratio Lower Upper
64 100
66 123.3 24.7 37.1#



#13
Acrolein
Concen: Below Cal
RT: 4.036 min Scan# 763
Delta R.T. -0.003 min
Lab File: VN067937.D
Acq: 27 Jul 2021 18:50

Tgt Ion: 56 Resp: 24
Ion Ratio Lower Upper
56 100
55 0.0 57.4 86.0#

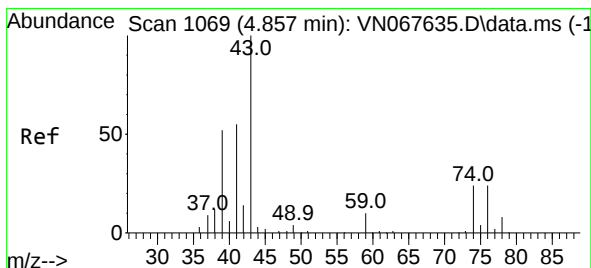
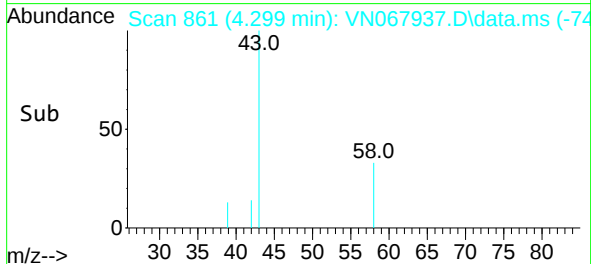
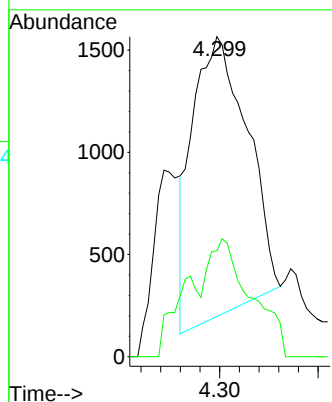
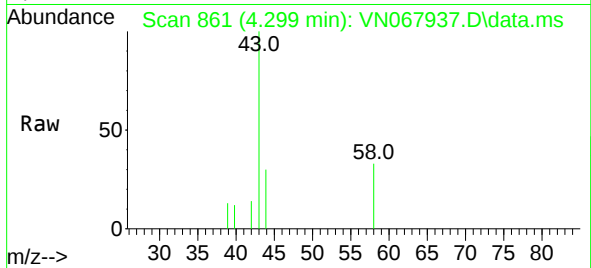




#16
Acetone
Concen: 1.934 ug/l
RT: 4.299 min Scan# 861
Delta R.T. 0.011 min
Lab File: VN067937.D
Acq: 27 Jul 2021 18:50

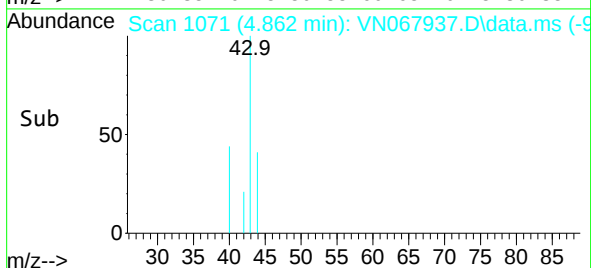
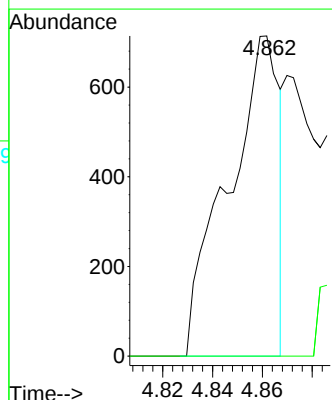
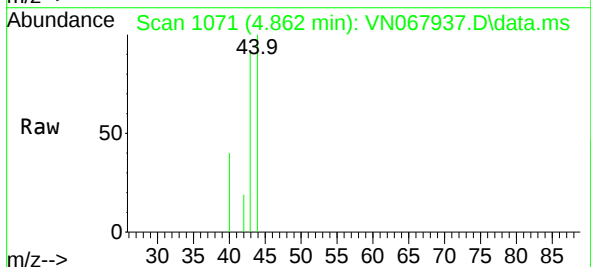
Instrument :
MSVOA_N
ClientSampled :

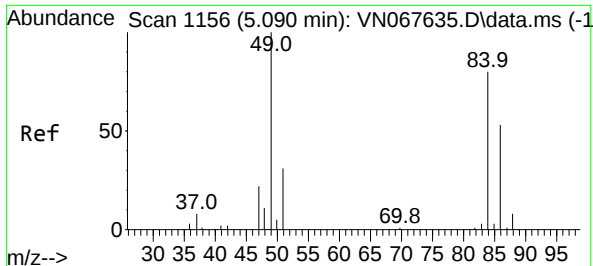
Tgt Ion: 43 Resp: 2648
Ion Ratio Lower Upper
43 100
58 29.1 21.2 31.8



#18
Methyl Acetate
Concen: 0.264 ug/l
RT: 4.862 min Scan# 1071
Delta R.T. 0.005 min
Lab File: VN067937.D
Acq: 27 Jul 2021 18:50

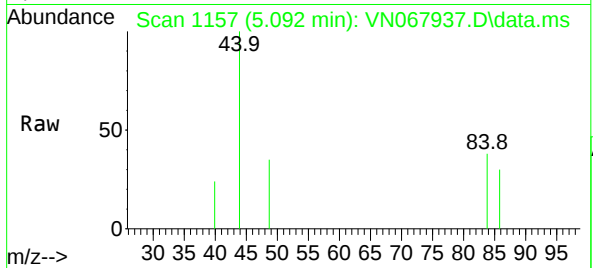
Tgt Ion: 43 Resp: 1014
Ion Ratio Lower Upper
43 100
74 0.0 17.4 26.0#



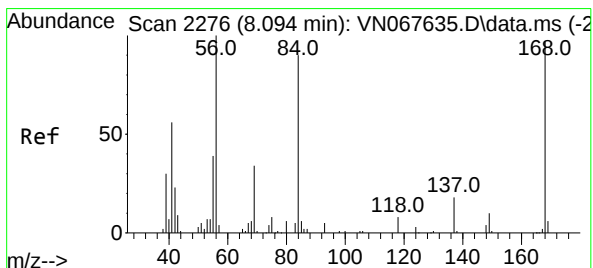
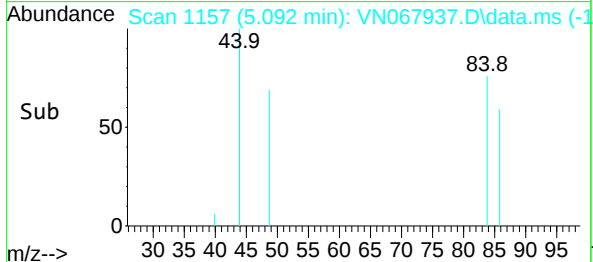
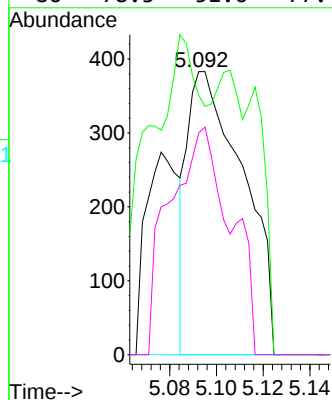


#20
Methylene Chloride
Concen: Below Cal
RT: 5.092 min Scan# 1157
Delta R.T. 0.002 min
Lab File: VN067937.D
Acq: 27 Jul 2021 18:50

Instrument :
MSVOA_N
ClientSampled :

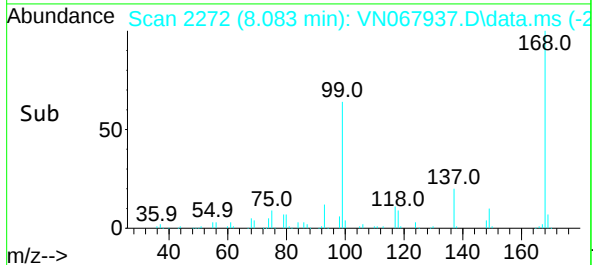
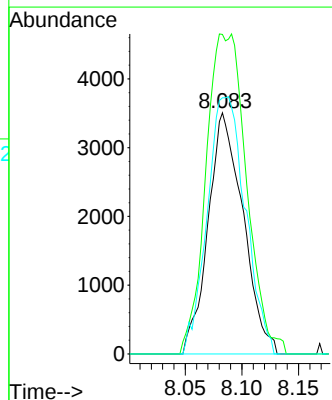
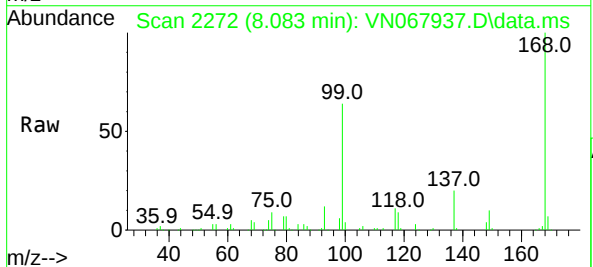


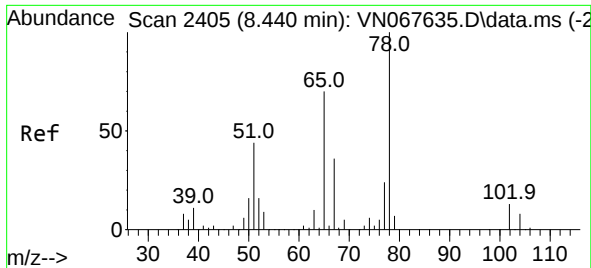
Tgt Ion:	84	Resp:	635
Ion	Ratio	Lower	Upper
84	100		
49	91.6	110.9	166.3#
51	0.0	32.6	49.0#
86	78.3	51.6	77.4#



#31
Cyclohexane
Concen: 1.232 ug/l
RT: 8.083 min Scan# 2272
Delta R.T. -0.011 min
Lab File: VN067937.D
Acq: 27 Jul 2021 18:50

Tgt Ion:	56	Resp:	7518
Ion	Ratio	Lower	Upper
56	100		
69	132.5	27.3	40.9#
84	106.3	64.9	97.3#

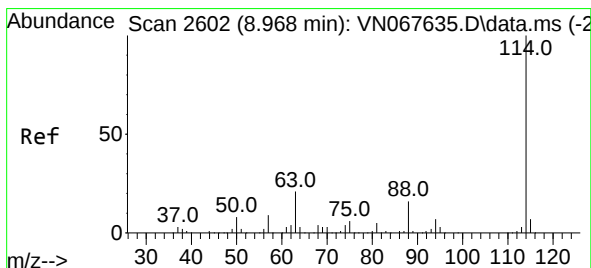
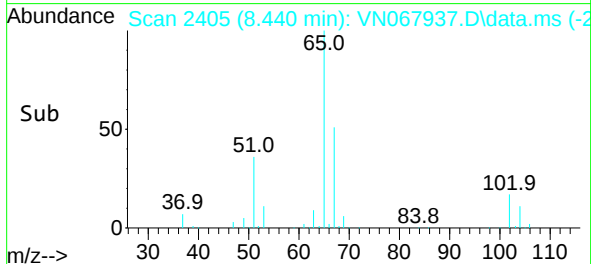
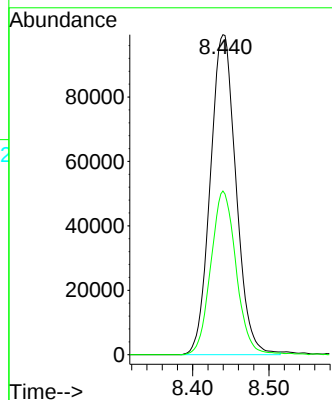
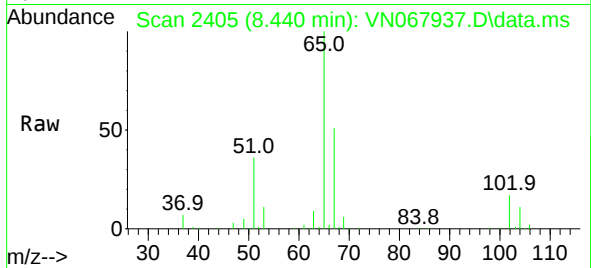




#33
 1,2-Dichloroethane-d4
 Concen: 53.421 ug/l
 RT: 8.440 min Scan# 2405
 Delta R.T. -0.000 min
 Lab File: VN067937.D
 Acq: 27 Jul 2021 18:50

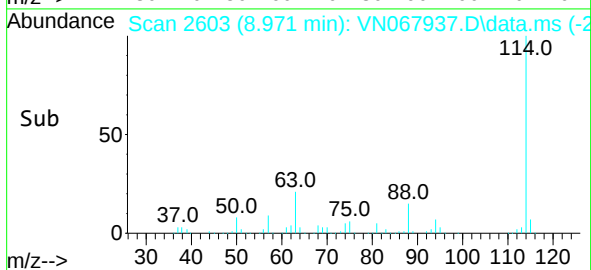
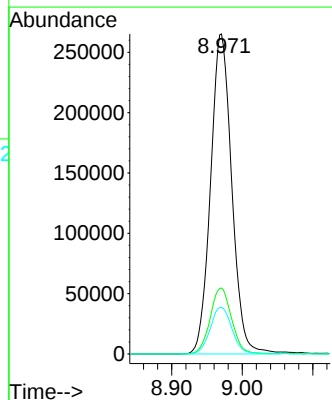
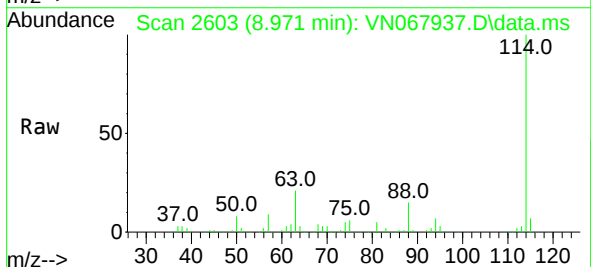
Instrument :
 MSVOA_N
 ClientSampleId :

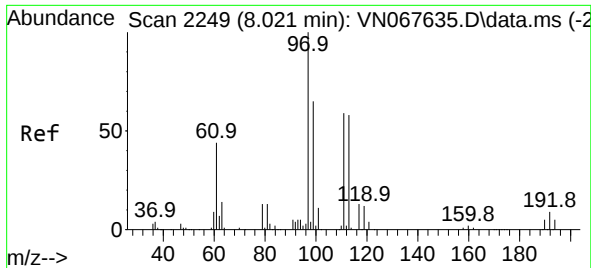
Tgt Ion: 65 Resp: 232446
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 98.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.971 min Scan# 2603
 Delta R.T. 0.003 min
 Lab File: VN067937.D
 Acq: 27 Jul 2021 18:50

Tgt Ion: 114 Resp: 553115
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 49.0
 88 14.6 0.0 36.6

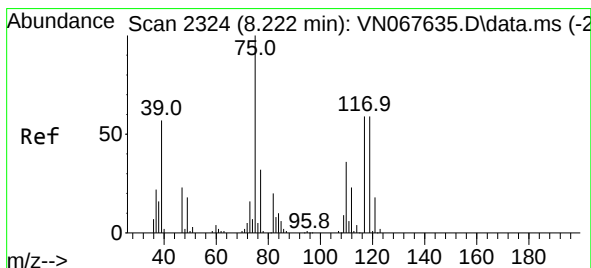
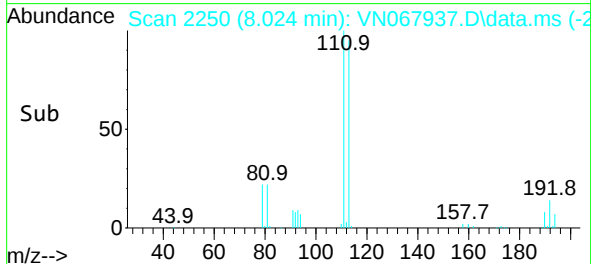
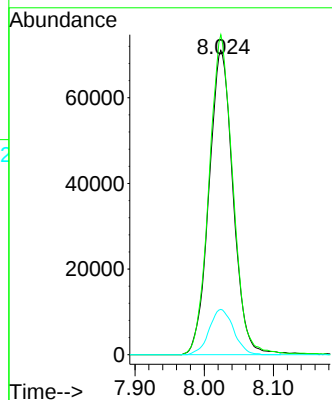
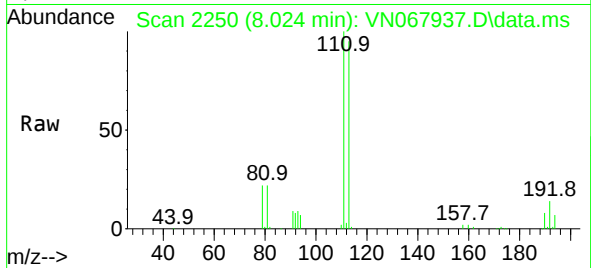




#35
Dibromofluoromethane
Concen: 51.264 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN067937.D
Acq: 27 Jul 2021 18:50

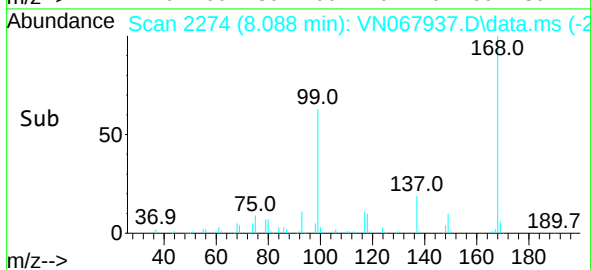
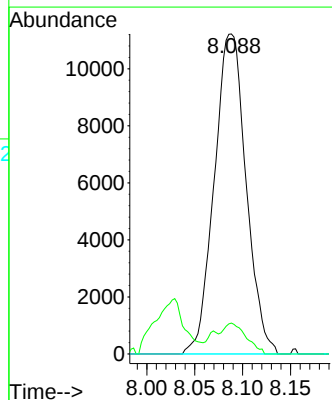
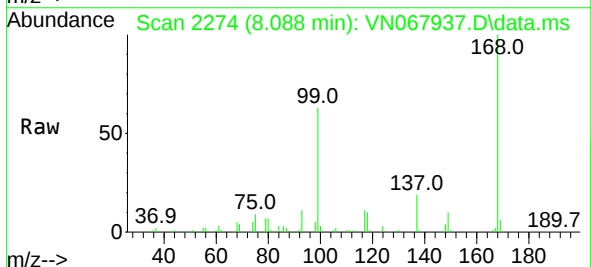
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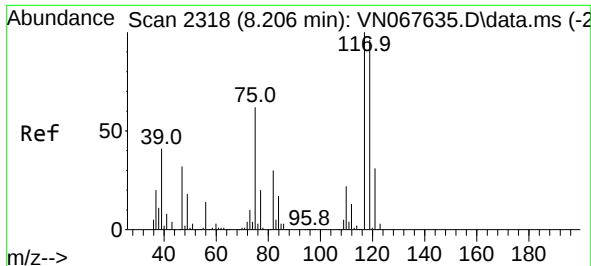
Tgt Ion:113 Resp: 171315
Ion Ratio Lower Upper
113 100
111 104.2 83.8 125.8
192 15.1 13.4 20.0



#36
1,1-Dichloropropene
Concen: 5.046 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.134 min
Lab File: VN067937.D
Acq: 27 Jul 2021 18:50

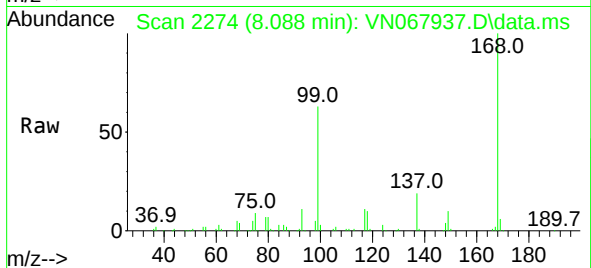
Tgt Ion: 75 Resp: 25925
Ion Ratio Lower Upper
75 100
110 6.6 15.7 47.0#
77 0.0 24.6 37.0#



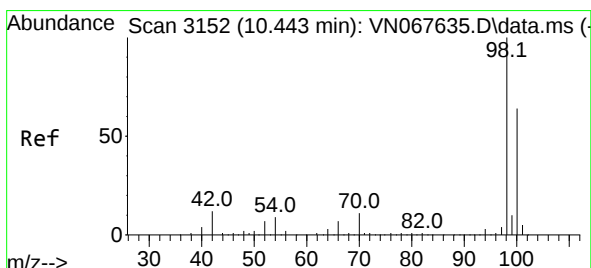
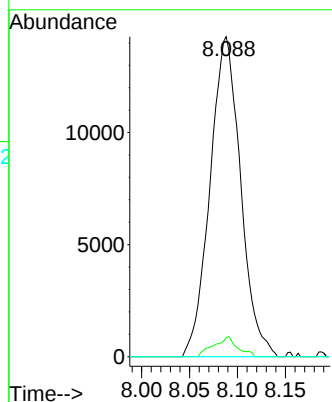
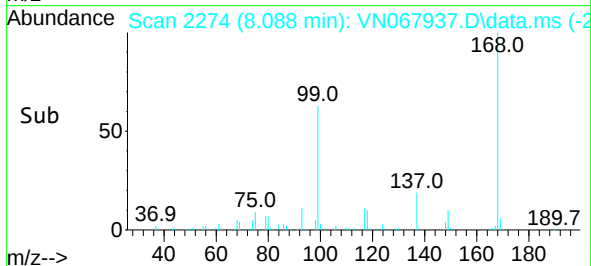


#38
Carbon Tetrachloride
Concen: 6.254 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.118 min
Lab File: VN067937.D
Acq: 27 Jul 2021 18:50

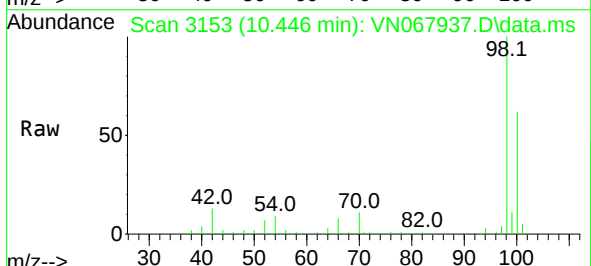
Instrument :
MSVOA_N
ClientSampleId :



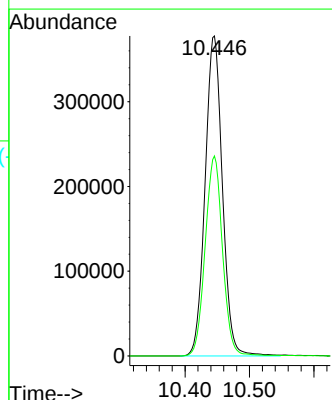
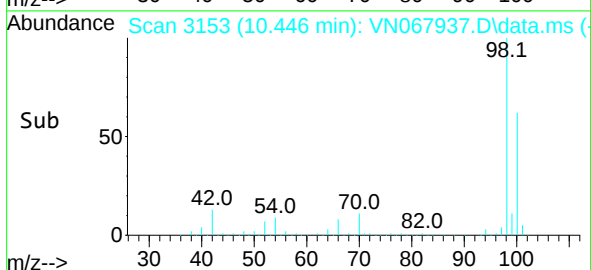
Tgt Ion:117 Resp: 31697
Ion Ratio Lower Upper
117 100
119 5.9 75.4 113.2#
121 0.0 23.5 35.3#

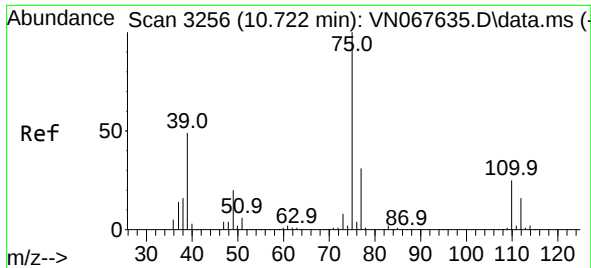


#50
Toluene-d8
Concen: 50.438 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN067937.D
Acq: 27 Jul 2021 18:50



Tgt Ion: 98 Resp: 705520
Ion Ratio Lower Upper
98 100
100 62.7 51.7 77.5

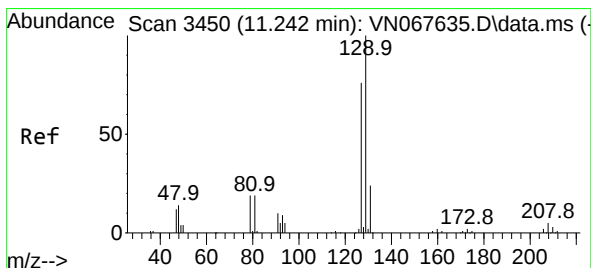
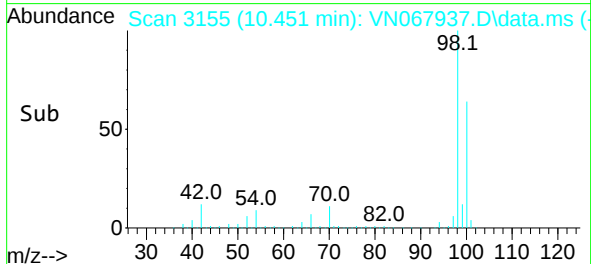
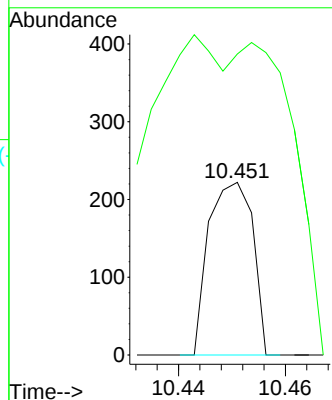
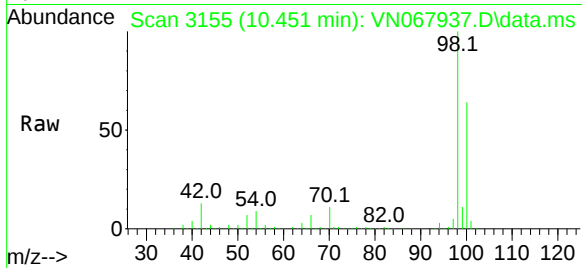




#53
t-1,3-Dichloropropene
Concen: 1.763 ug/l
RT: 10.451 min Scan# 3155
Delta R.T. -0.271 min
Lab File: VN067937.D
Acq: 27 Jul 2021 18:50

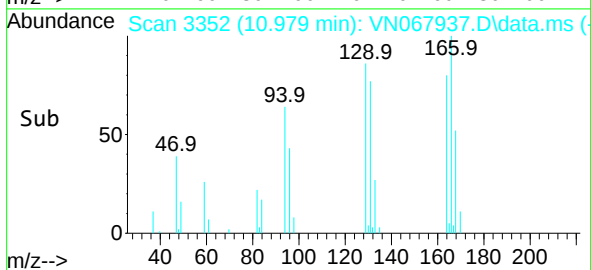
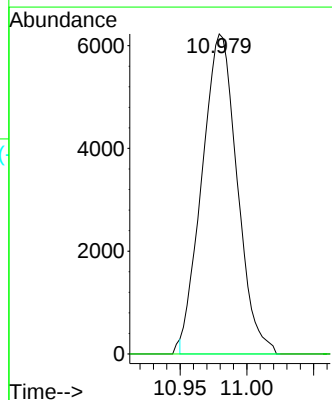
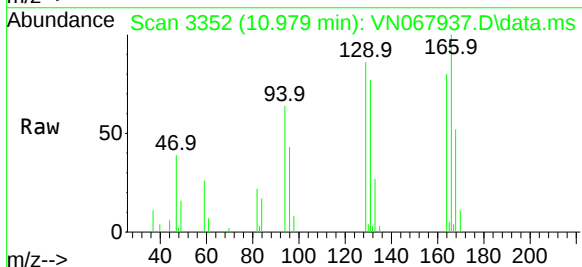
Instrument :
MSVOA_N
ClientSampled :

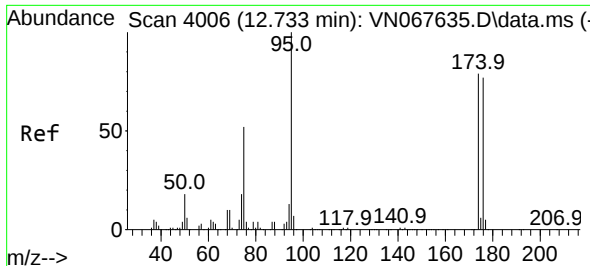
Tgt Ion: 75 Resp: 127
Ion Ratio Lower Upper
75 100
77 10.8 25.1 37.7#



#60
Dibromochloromethane
Concen: 4.651 ug/l
RT: 10.979 min Scan# 3352
Delta R.T. -0.263 min
Lab File: VN067937.D
Acq: 27 Jul 2021 18:50

Tgt Ion:129 Resp: 11409
Ion Ratio Lower Upper
129 100
127 0.0 38.6 115.8#

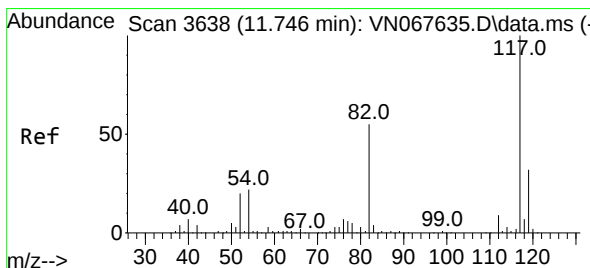
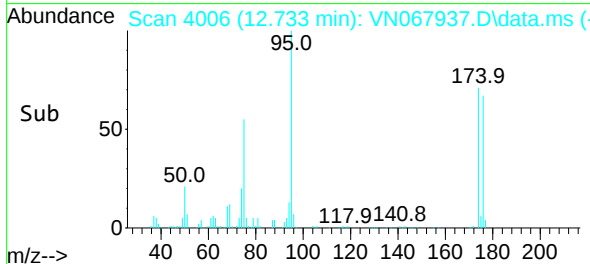
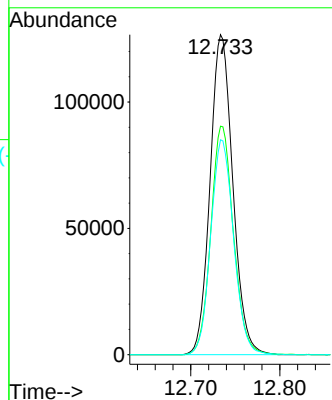
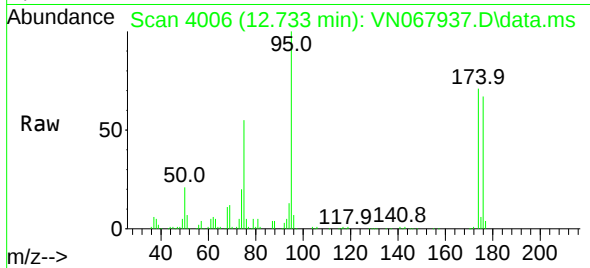




#62
4-Bromofluorobenzene
Concen: 45.543 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN067937.D
Acq: 27 Jul 2021 18:50

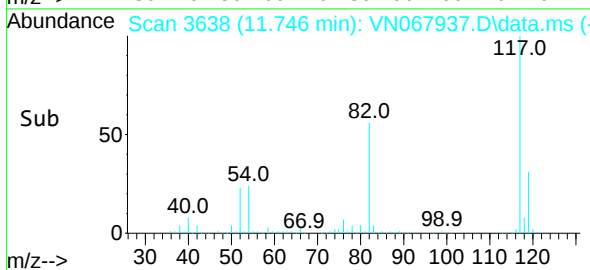
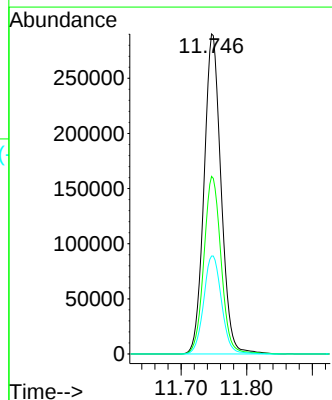
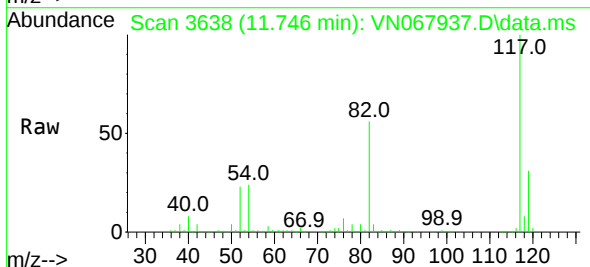
Instrument :
MSVOA_N
ClientSampled :

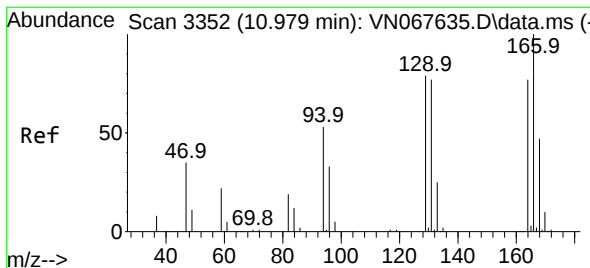
Tgt Ion: 95 Resp: 225044
Ion Ratio Lower Upper
95 100
174 71.2 0.0 122.0
176 67.5 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN067937.D
Acq: 27 Jul 2021 18:50

Tgt Ion: 117 Resp: 522861
Ion Ratio Lower Upper
117 100
82 55.5 53.1 79.7
119 30.6 25.5 38.3

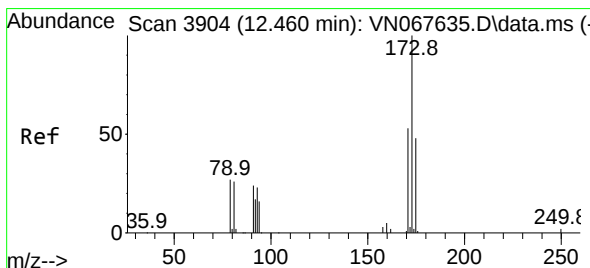
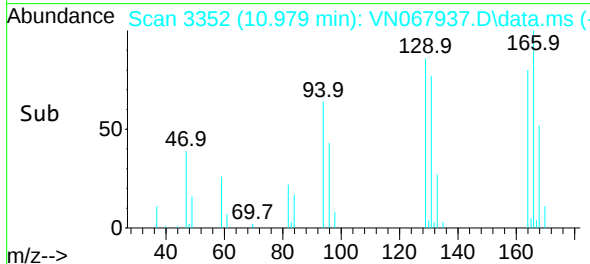
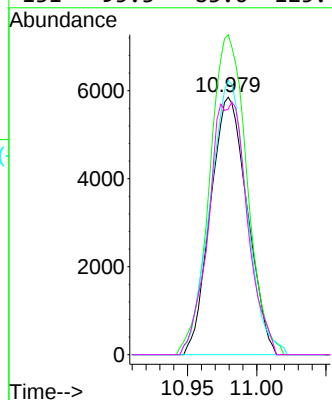
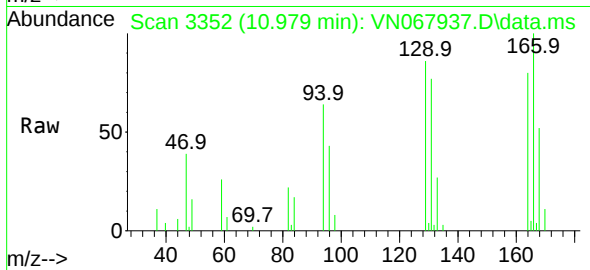




#64
Tetrachloroethene
Concen: 2.935 ug/l
RT: 10.979 min Scan# 3352
Delta R.T. 0.000 min
Lab File: VN067937.D
Acq: 27 Jul 2021 18:50

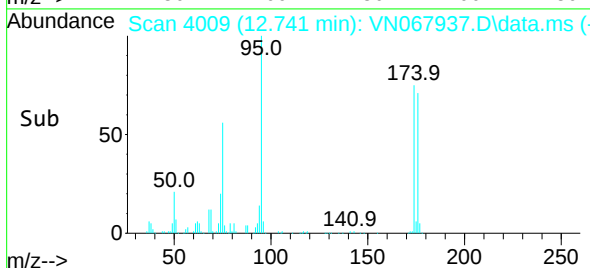
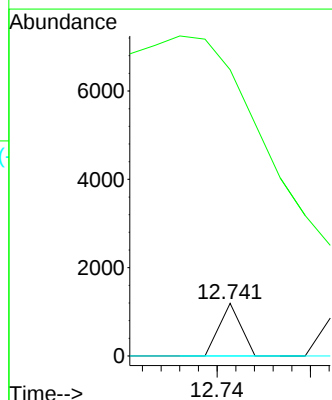
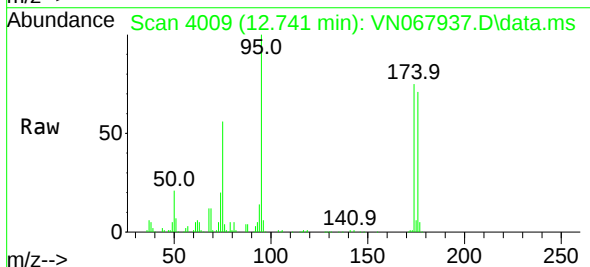
Instrument :
MSVOA_N
ClientSampled :

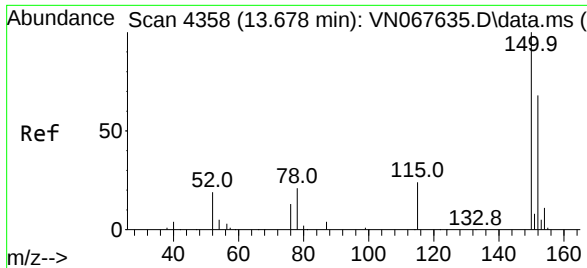
Tgt Ion:	164	Resp:	10831
Ion	Ratio	Lower	Upper
164	100		
166	121.6	102.1	153.1
129	106.4	86.9	130.3
131	95.3	83.6	125.4



#71
Bromoform
Concen: 3.229 ug/l
RT: 12.741 min Scan# 4009
Delta R.T. 0.281 min
Lab File: VN067937.D
Acq: 27 Jul 2021 18:50

Tgt Ion:	173	Resp:	192
Ion	Ratio	Lower	Upper
173	100		
175	6195.3	23.9	71.8#
254	0.0	0.0	0.0

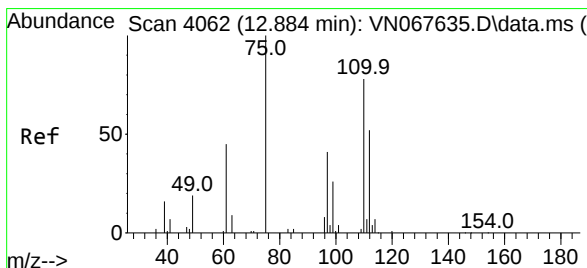
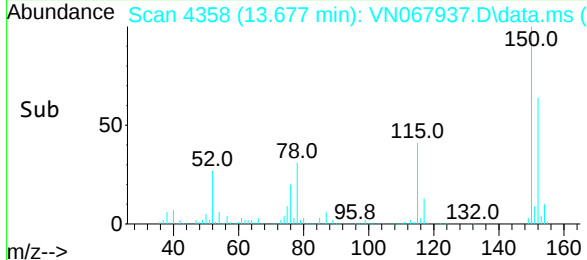
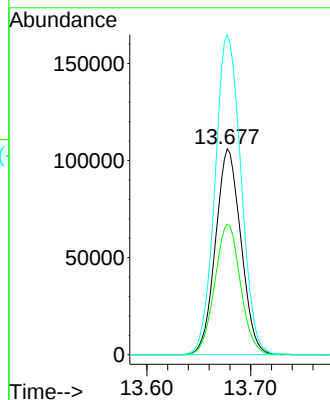
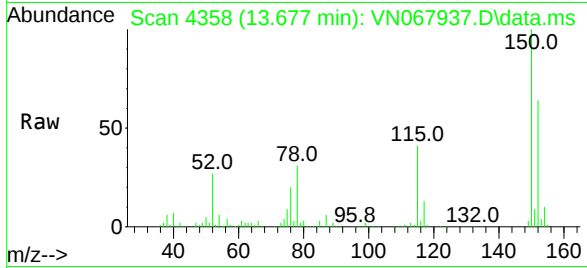




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.677 min Scan# 4358
 Delta R.T. -0.000 min
 Lab File: VN067937.D
 Acq: 27 Jul 2021 18:50

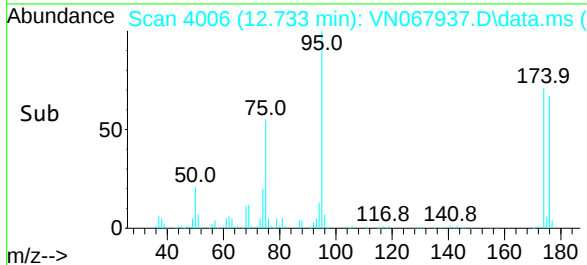
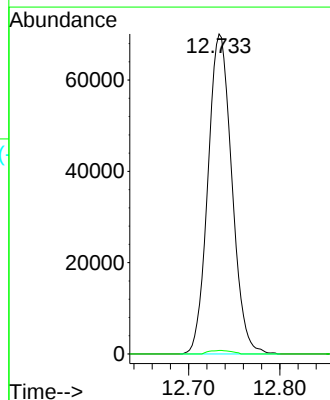
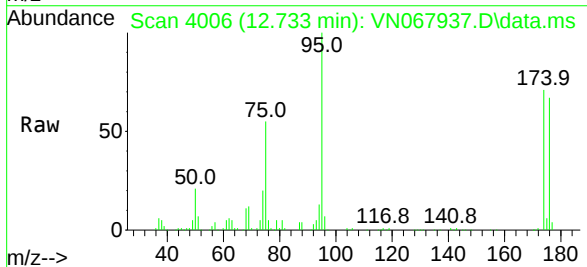
Instrument :
 MSVOA_N
 ClientSampleId :

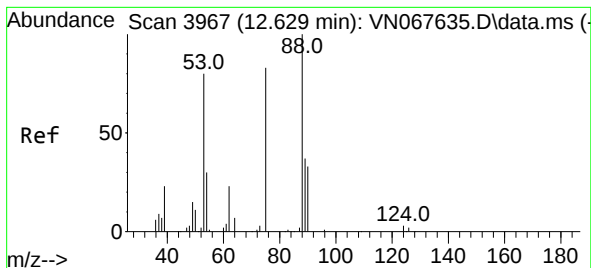
Tgt Ion:152 Resp: 180240
 Ion Ratio Lower Upper
 152 100
 115 64.3 36.1 108.5
 150 159.5 0.0 351.8



#76
 1,2,3-Trichloropropane
 Concen: 34.691 ug/l
 RT: 12.733 min Scan# 4006
 Delta R.T. -0.151 min
 Lab File: VN067937.D
 Acq: 27 Jul 2021 18:50

Tgt Ion: 75 Resp: 127691
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#

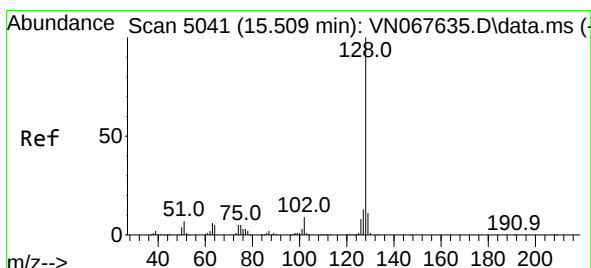
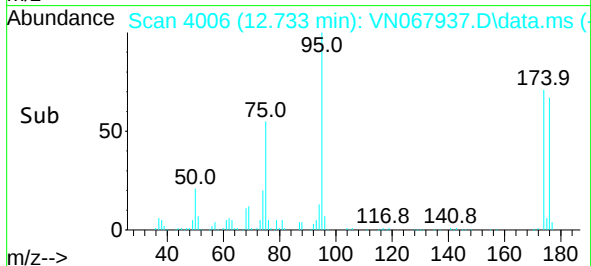
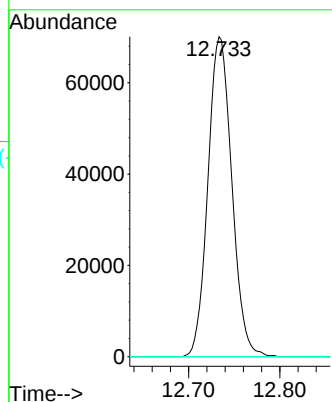
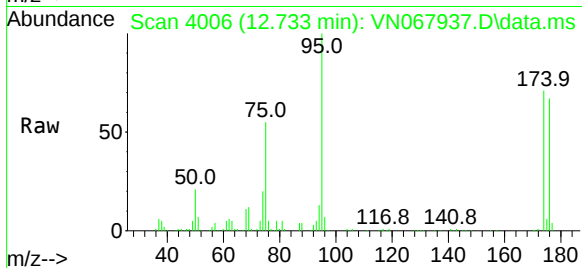




#81
trans-1,4-Dichloro-2-butene
Concen: 111.847 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.104 min
Lab File: VN067937.D
Acq: 27 Jul 2021 18:50

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 127691
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#



#95
Naphthalene
Concen: 3.052 ug/l
RT: 15.512 min Scan# 5042
Delta R.T. 0.003 min
Lab File: VN067937.D
Acq: 27 Jul 2021 18:50

Tgt Ion:128 Resp: 370
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 0.0 8.6 12.8#

