

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062921\
 Data File : VN067563.D
 Acq On : 29 Jun 2021 19:19
 Operator : JC/MD
 Sample : M2827-06
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 30 03:40:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062821W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 28 14:31:03 2021
 Response via : Initial Calibration

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

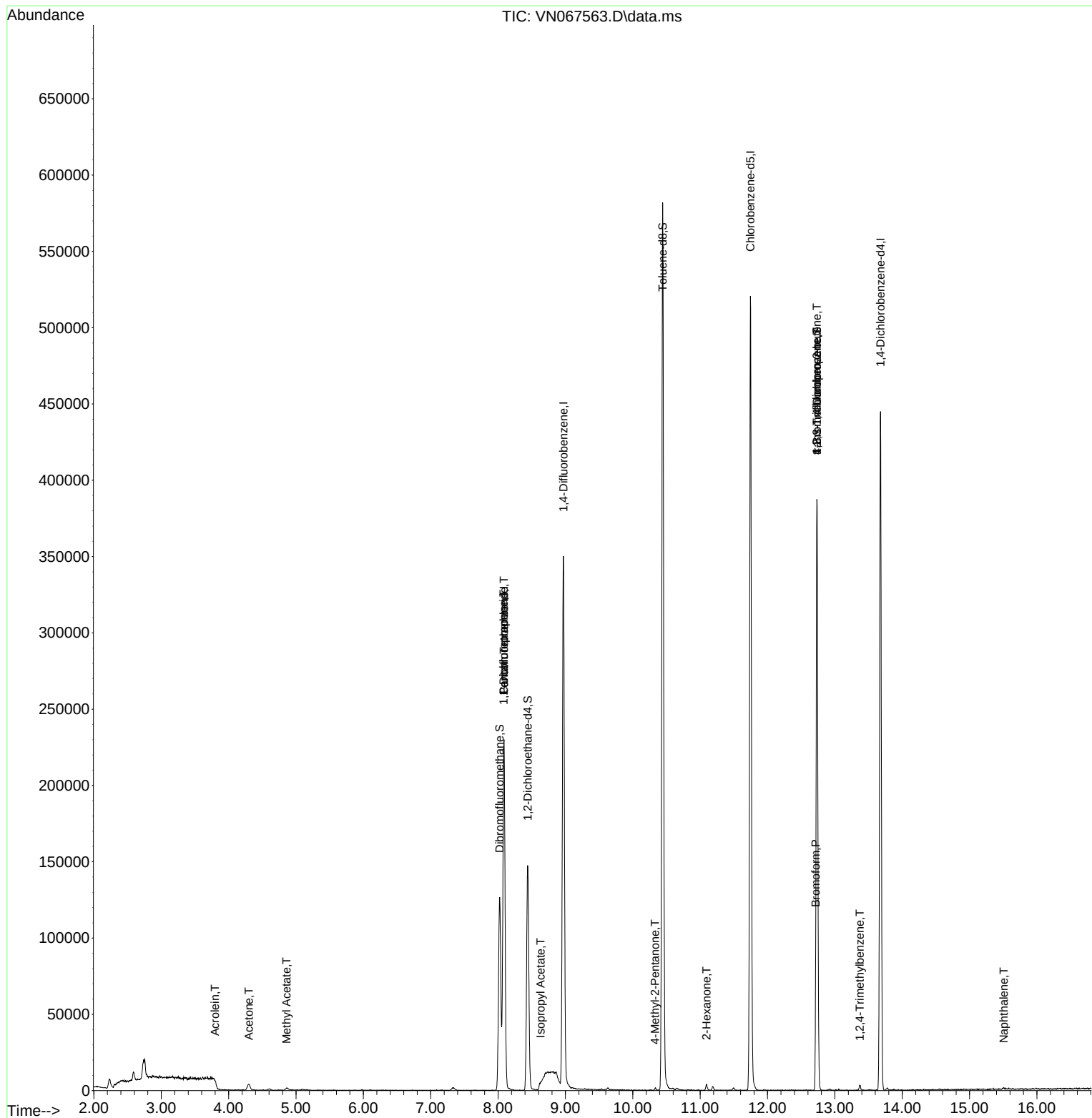
Internal Standards						
1) Pentafluorobenzene	8.088	168	163493	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	307452	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	294155	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	111845	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	123757	55.309	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 110.620%		
35) Dibromofluoromethane	8.024	113	90429	47.440	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 94.880%		
50) Toluene-d8	10.443	98	411114	53.092	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 106.180%		
62) 4-Bromofluorobenzene	12.734	95	132480	48.980	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 97.960%		
Target Compounds						
					Qvalue	
13) Acrolein	3.797	56	110	2.722	ug/l #	14
16) Acetone	4.299	43	7867	10.659	ug/l #	89
18) Methyl Acetate	4.859	43	1304	0.662	ug/l #	75
20) Methylene Chloride	5.101	84	111	Below Cal	#	49
31) Cyclohexane	8.083	56	4435	Below Cal	#	15
36) 1,1-Dichloropropene	8.083	75	15422	5.556	ug/l #	52
38) Carbon Tetrachloride	8.088	117	18215	6.126	ug/l #	16
43) Isopropyl Acetate	8.630	43	2657	0.610	ug/l #	58
51) 4-Methyl-2-Pentanone	10.328	43	687	0.262	ug/l	92
59) 2-Hexanone	11.095	43	992	0.535	ug/l #	32
71) Bromoform	12.715	173	113	3.516	ug/l #	29
76) 1,2,3-Trichloropropane	12.734	75	76946	34.323	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.734	75	76946	98.680	ug/l #	6
84) 1,2,4-Trimethylbenzene	13.369	105	2696	0.355	ug/l	91
95) Naphthalene	15.507	128	1271	3.399	ug/l #	72

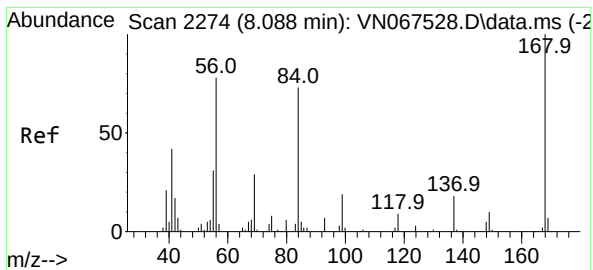
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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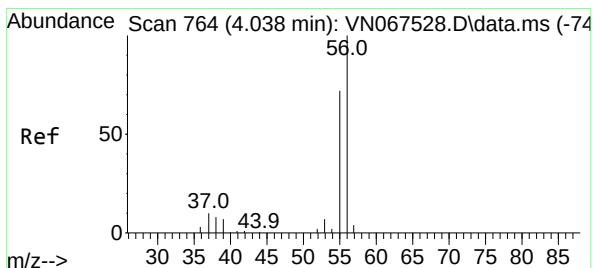
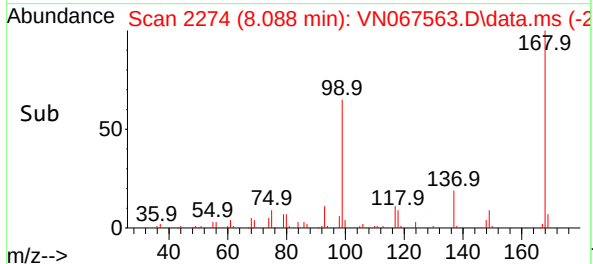
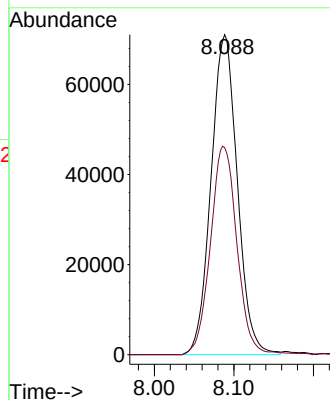
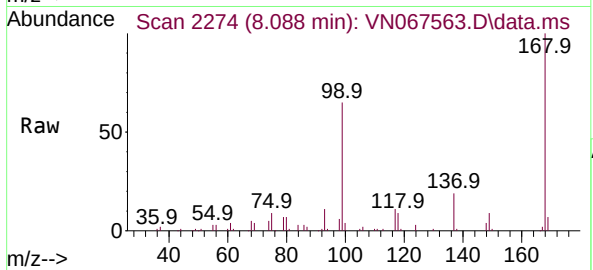




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN067563.D
Acq: 29 Jun 2021 19:19

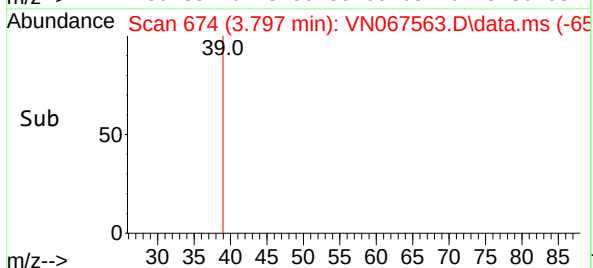
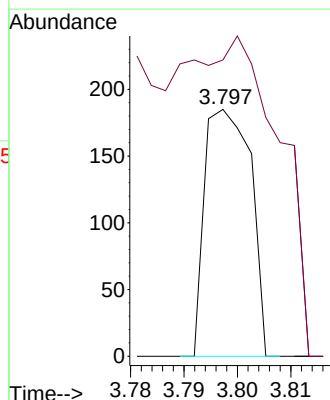
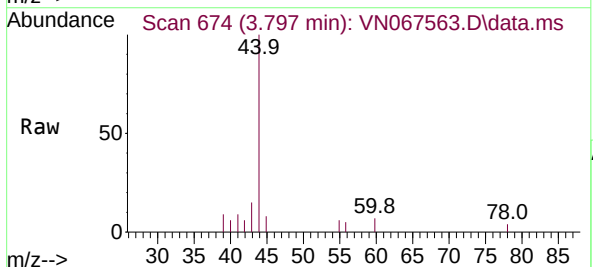
Instrument :
MSVOA_N
ClientSampled :

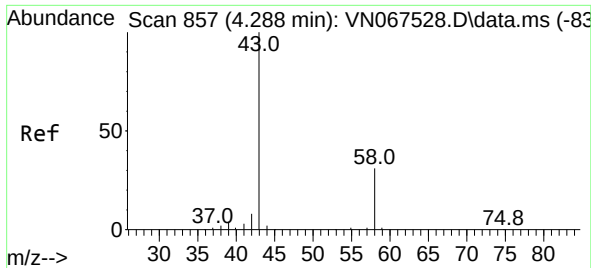
Tgt Ion:168 Resp: 163493
Ion Ratio Lower Upper
168 100
99 64.7 62.9 94.3



#13
Acrolein
Concen: 2.722 ug/l
RT: 3.797 min Scan# 674
Delta R.T. -0.241 min
Lab File: VN067563.D
Acq: 29 Jun 2021 19:19

Tgt Ion: 56 Resp: 110
Ion Ratio Lower Upper
56 100
55 0.0 57.4 86.0#

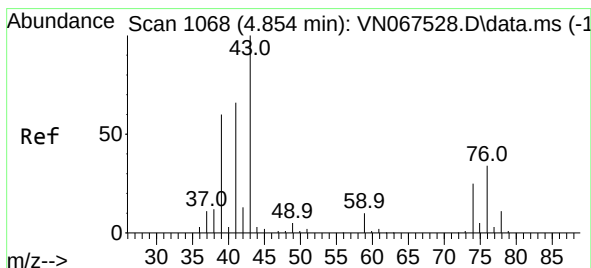
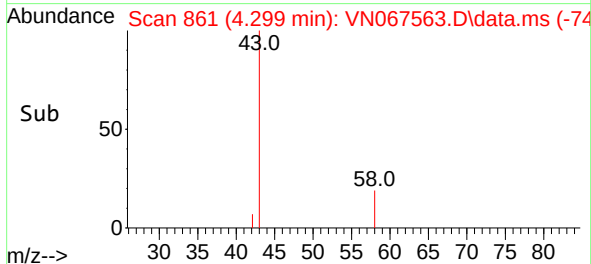
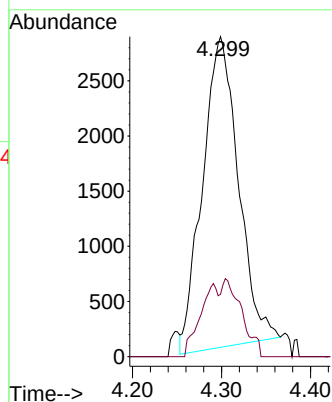
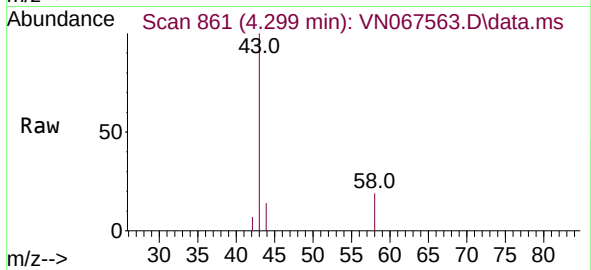




#16
Acetone
Concen: 10.659 ug/l
RT: 4.299 min Scan# 861
Delta R.T. 0.011 min
Lab File: VN067563.D
Acq: 29 Jun 2021 19:19

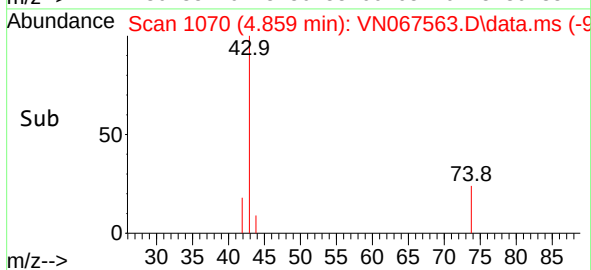
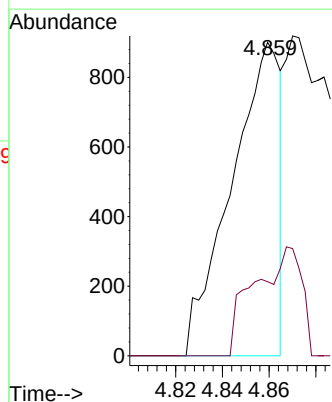
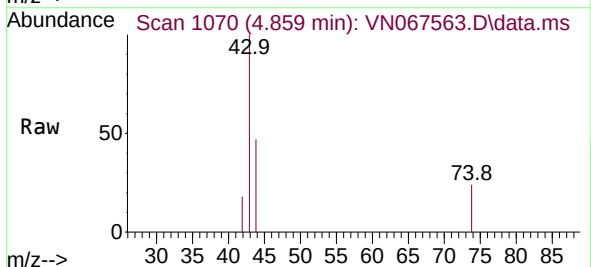
Instrument :
MSVOA_N
ClientSampleId :

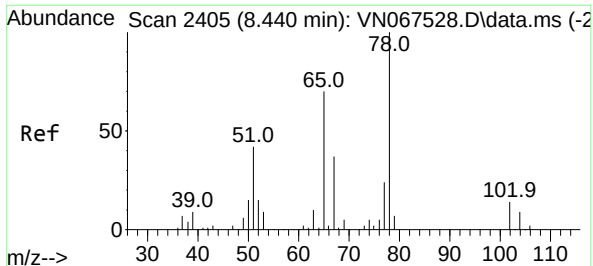
Tgt Ion: 43 Resp: 7867
Ion Ratio Lower Upper
43 100
58 20.7 21.2 31.8#



#18
Methyl Acetate
Concen: 0.662 ug/l
RT: 4.859 min Scan# 1070
Delta R.T. 0.005 min
Lab File: VN067563.D
Acq: 29 Jun 2021 19:19

Tgt Ion: 43 Resp: 1304
Ion Ratio Lower Upper
43 100
74 33.5 17.4 26.0#

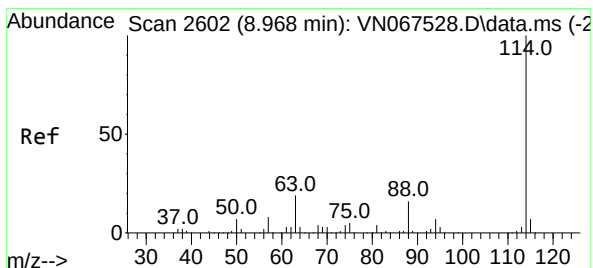
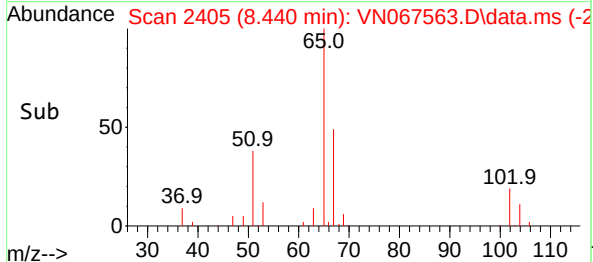
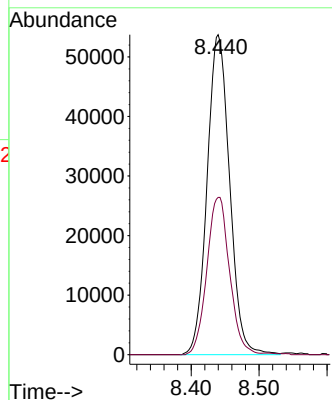
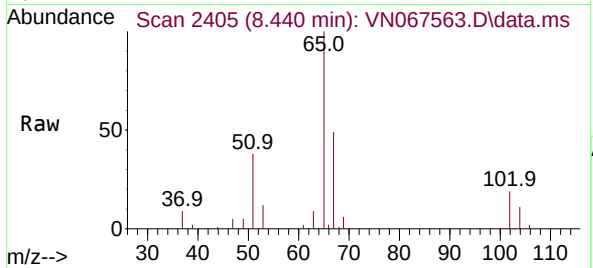




#33
 1,2-Dichloroethane-d4
 Concen: 55.309 ug/l
 RT: 8.440 min Scan# 2405
 Delta R.T. -0.000 min
 Lab File: VN067563.D
 Acq: 29 Jun 2021 19:19

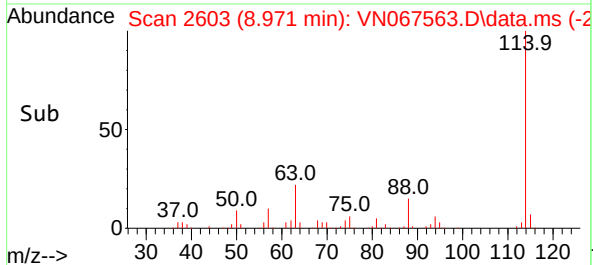
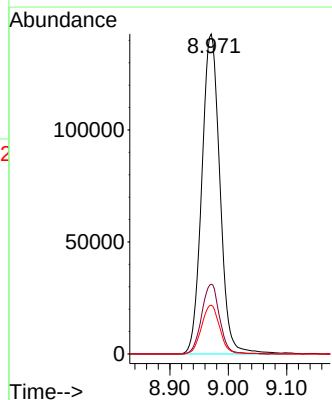
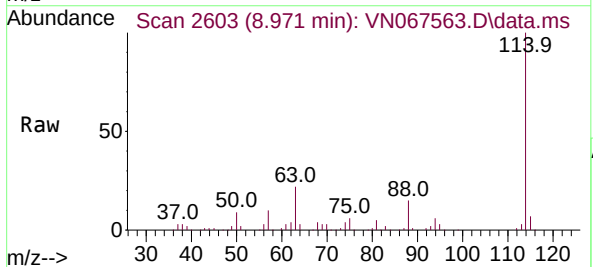
Instrument :
 MSVOA_N
 ClientSampled :

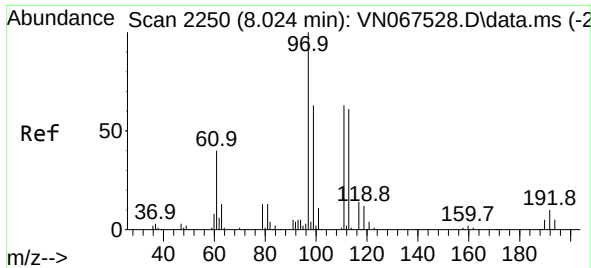
Tgt Ion: 65 Resp: 123757
 Ion Ratio Lower Upper
 65 100
 67 49.5 0.0 98.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.971 min Scan# 2603
 Delta R.T. 0.003 min
 Lab File: VN067563.D
 Acq: 29 Jun 2021 19:19

Tgt Ion: 114 Resp: 307452
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 49.0
 88 15.3 0.0 36.6

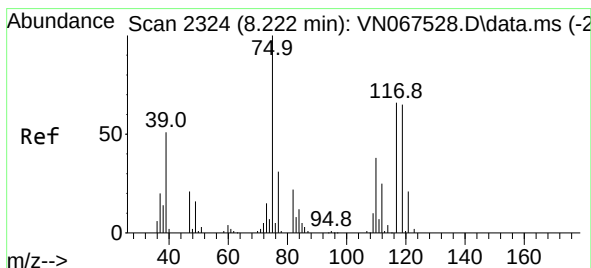
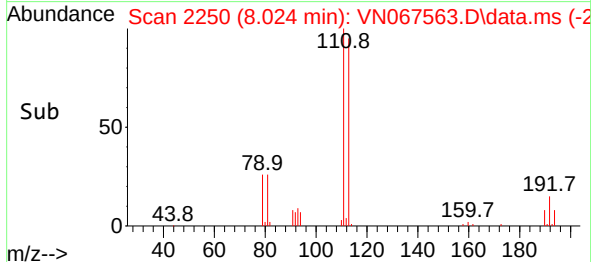
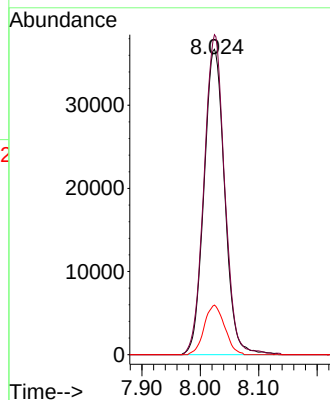
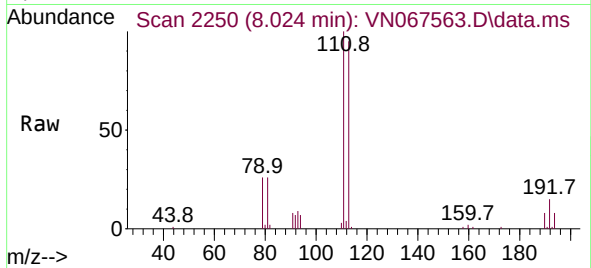




#35
Dibromofluoromethane
Concen: 47.440 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VN067563.D
Acq: 29 Jun 2021 19:19

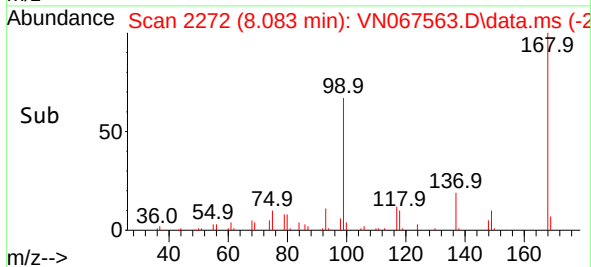
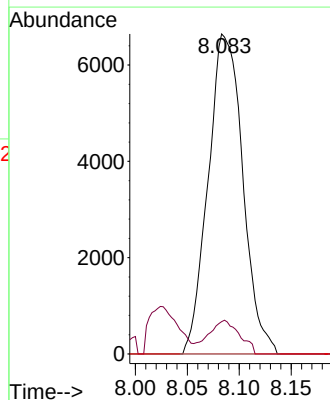
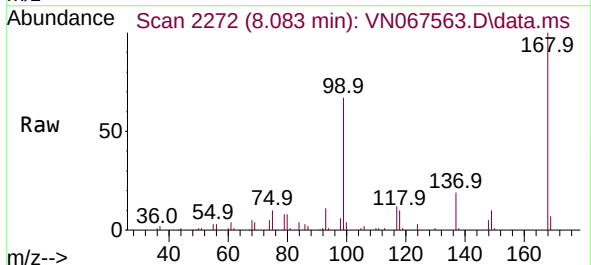
Instrument :
MSVOA_N
ClientSampled :

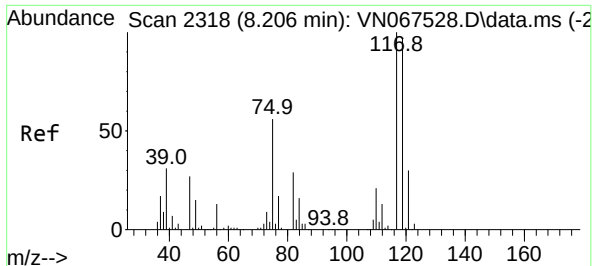
Tgt Ion:113 Resp: 90429
Ion Ratio Lower Upper
113 100
111 104.5 83.8 125.8
192 16.0 13.4 20.0



#36
1,1-Dichloropropene
Concen: 5.556 ug/l
RT: 8.083 min Scan# 2272
Delta R.T. -0.139 min
Lab File: VN067563.D
Acq: 29 Jun 2021 19:19

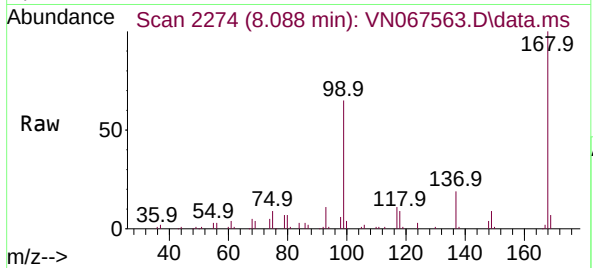
Tgt Ion: 75 Resp: 15422
Ion Ratio Lower Upper
75 100
110 9.3 15.7 47.0#
77 0.0 24.6 37.0#



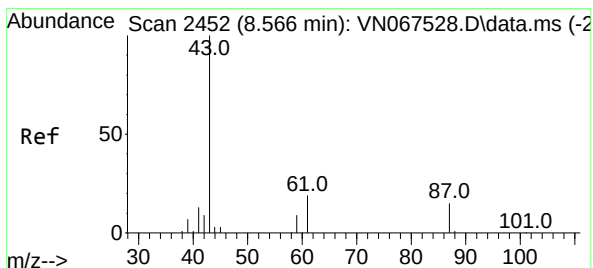
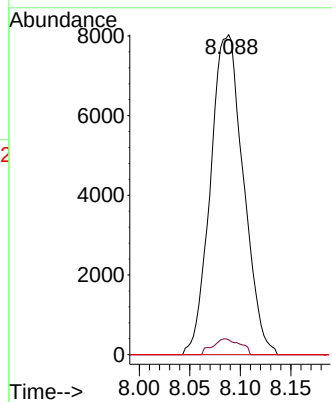
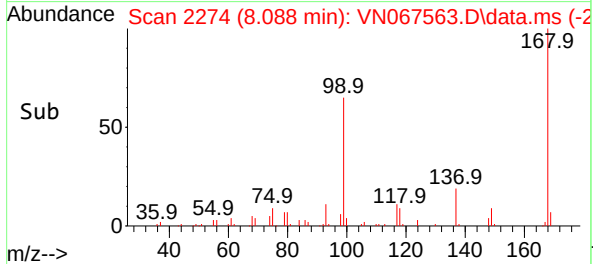


#38
Carbon Tetrachloride
Concen: 6.126 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.118 min
Lab File: VN067563.D
Acq: 29 Jun 2021 19:19

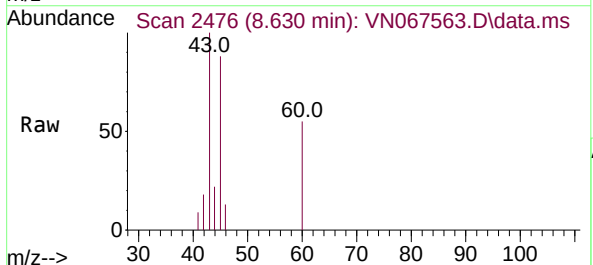
Instrument :
MSVOA_N
ClientSampled :



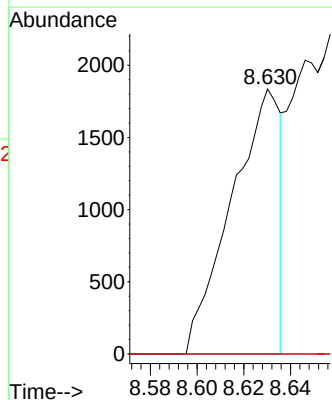
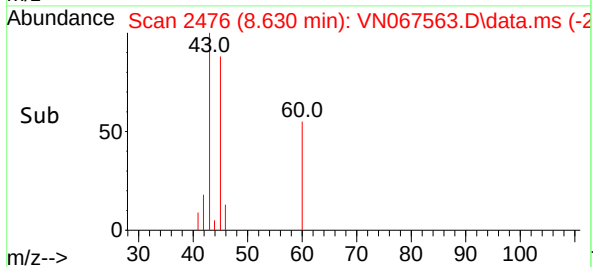
Tgt Ion:117 Resp: 18215
Ion Ratio Lower Upper
117 100
119 4.7 75.4 113.2#
121 0.0 23.5 35.3#

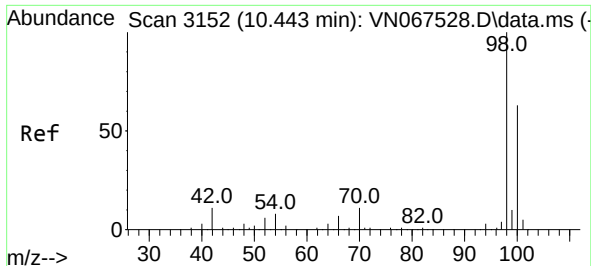


#43
Isopropyl Acetate
Concen: 0.610 ug/l
RT: 8.630 min Scan# 2476
Delta R.T. 0.064 min
Lab File: VN067563.D
Acq: 29 Jun 2021 19:19



Tgt Ion: 43 Resp: 2657
Ion Ratio Lower Upper
43 100
61 0.0 19.0 28.4#
87 0.0 9.5 14.3#

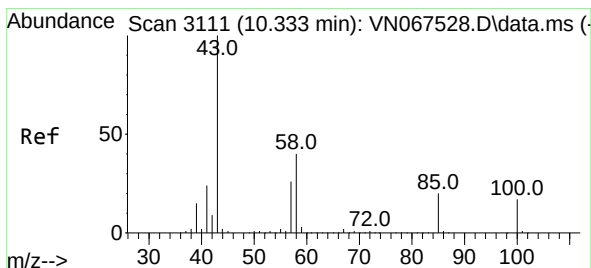
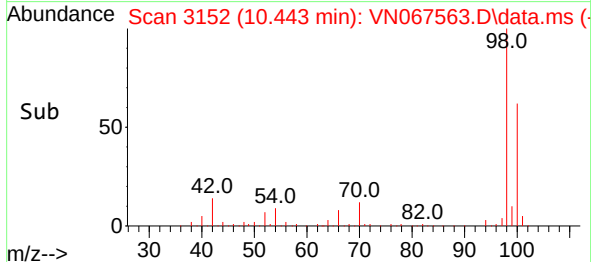
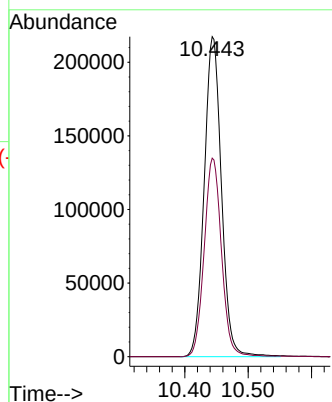
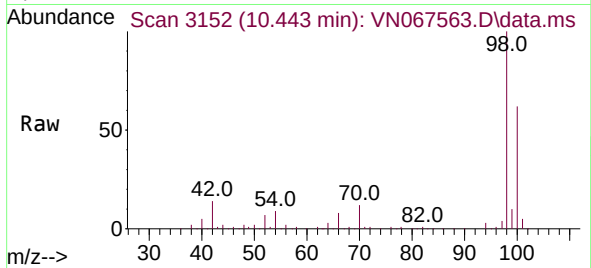




#50
Toluene-d8
Concen: 53.092 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN067563.D
Acq: 29 Jun 2021 19:19

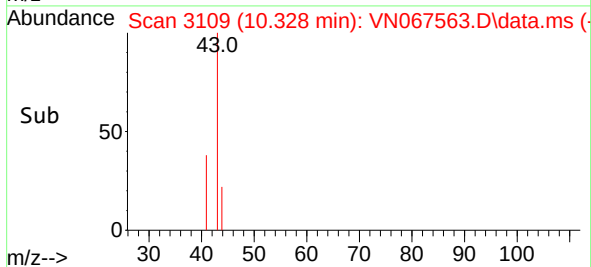
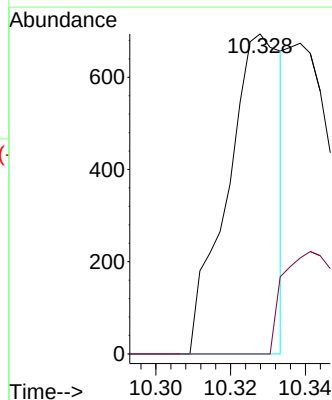
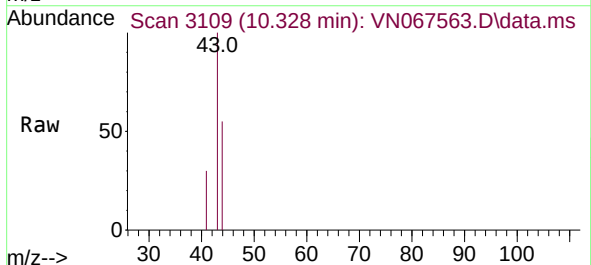
Instrument :
MSVOA_N
ClientSampled :

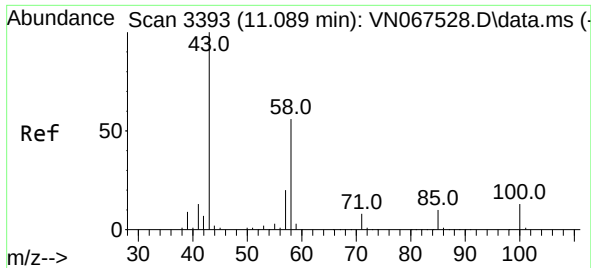
Tgt Ion: 98 Resp: 411114
Ion Ratio Lower Upper
98 100
100 62.2 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 0.262 ug/l
RT: 10.328 min Scan# 3109
Delta R.T. -0.005 min
Lab File: VN067563.D
Acq: 29 Jun 2021 19:19

Tgt Ion: 43 Resp: 687
Ion Ratio Lower Upper
43 100
58 31.3 28.6 43.0

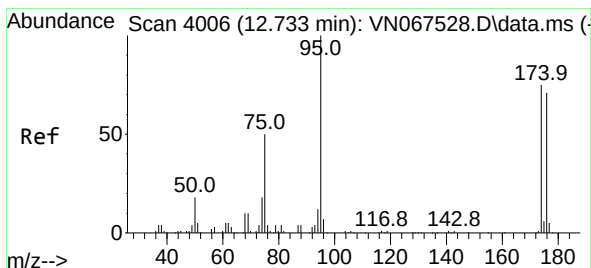
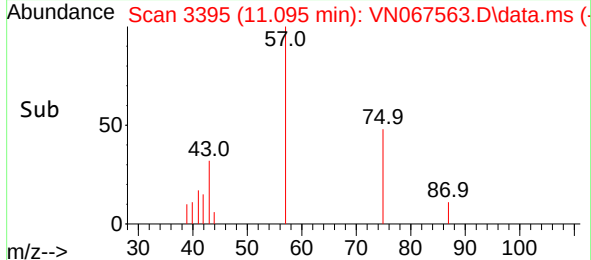
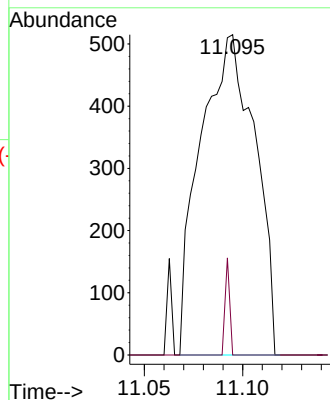
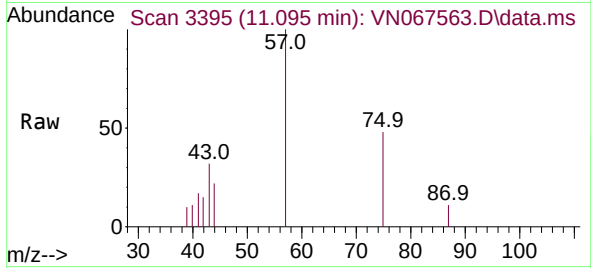




#59
2-Hexanone
Concen: 0.535 ug/l
RT: 11.095 min Scan# 3395
Delta R.T. 0.006 min
Lab File: VN067563.D
Acq: 29 Jun 2021 19:19

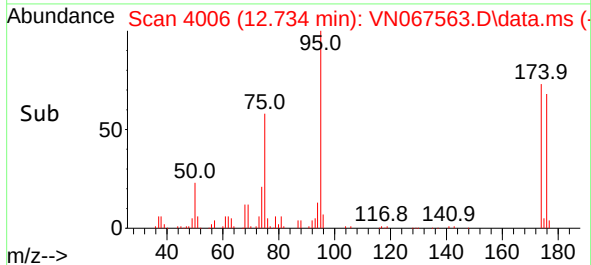
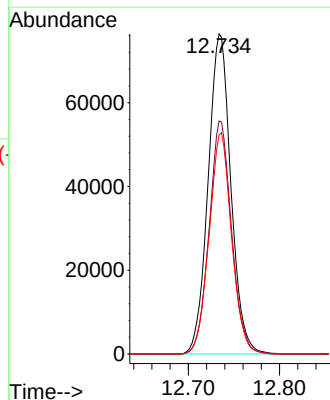
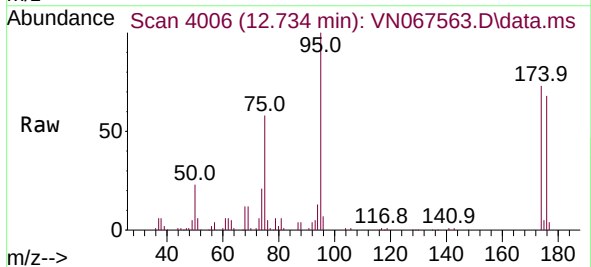
Instrument :
MSVOA_N
ClientSampled :

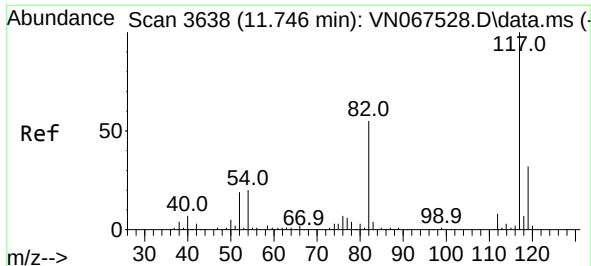
Tgt Ion: 43 Resp: 992
Ion Ratio Lower Upper
43 100
58 2.5 24.7 74.1#



#62
4-Bromofluorobenzene
Concen: 48.980 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.001 min
Lab File: VN067563.D
Acq: 29 Jun 2021 19:19

Tgt Ion: 95 Resp: 132480
Ion Ratio Lower Upper
95 100
174 71.7 0.0 122.0
176 68.1 0.0 117.6

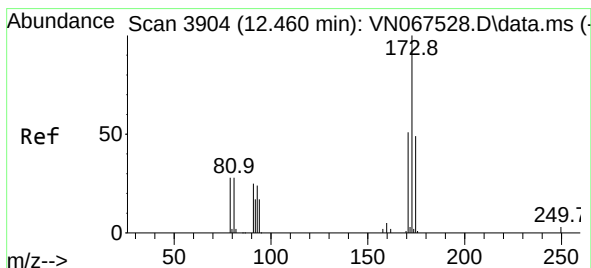
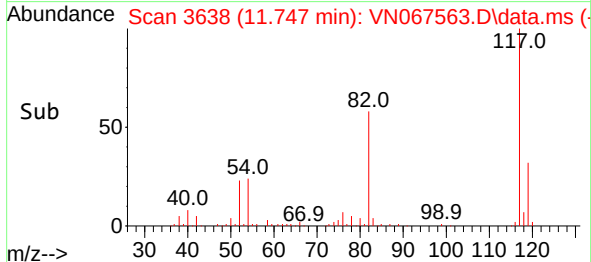
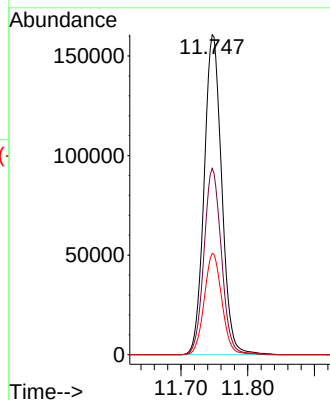
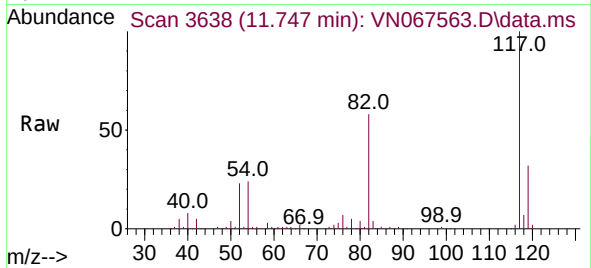




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.001 min
Lab File: VN067563.D
Acq: 29 Jun 2021 19:19

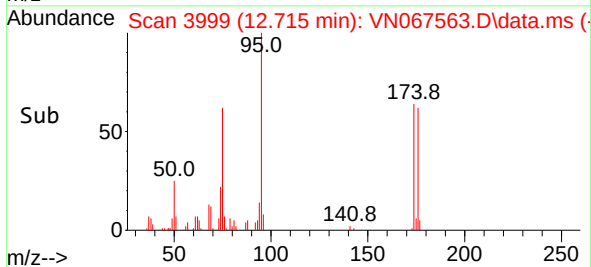
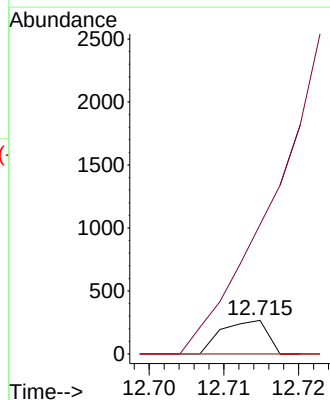
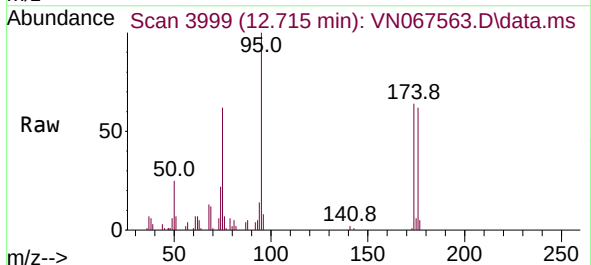
Instrument :
MSVOA_N
ClientSampleId :

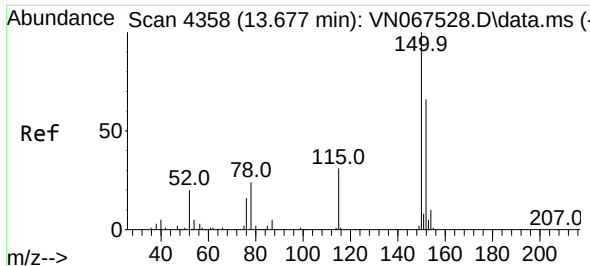
Tgt Ion:117 Resp: 294155
Ion Ratio Lower Upper
117 100
82 58.2 53.1 79.7
119 31.7 25.5 38.3



#71
Bromoform
Concen: 3.516 ug/l
RT: 12.715 min Scan# 3999
Delta R.T. 0.255 min
Lab File: VN067563.D
Acq: 29 Jun 2021 19:19

Tgt Ion:173 Resp: 113
Ion Ratio Lower Upper
173 100
175 0.0 23.9 71.8#
254 0.0 0.0 0.0

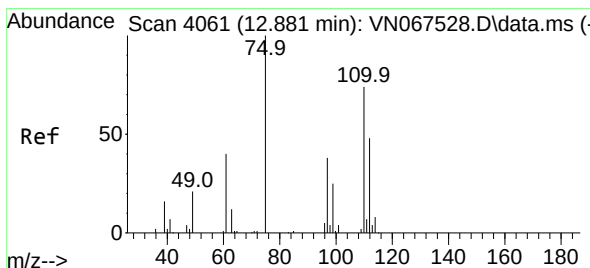
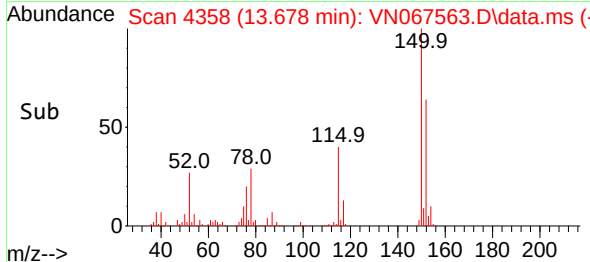
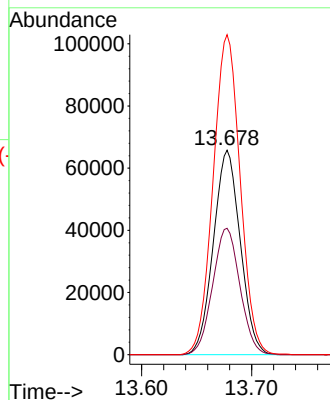
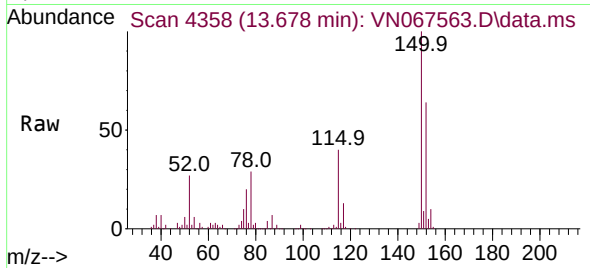




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.001 min
Lab File: VN067563.D
Acq: 29 Jun 2021 19:19

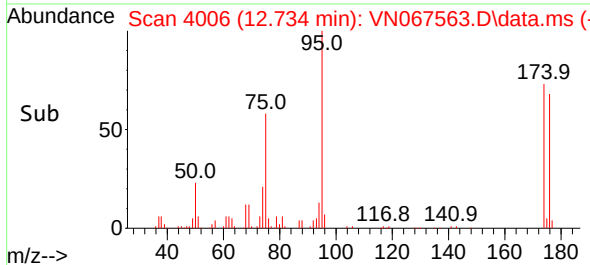
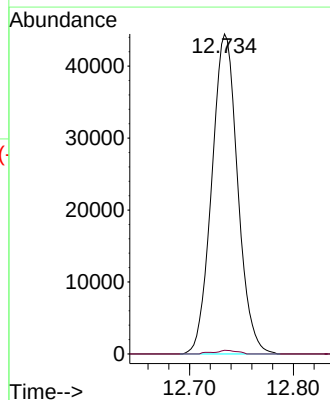
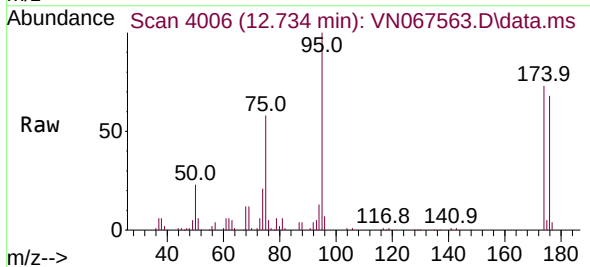
Instrument :
MSVOA_N
ClientSampleId :

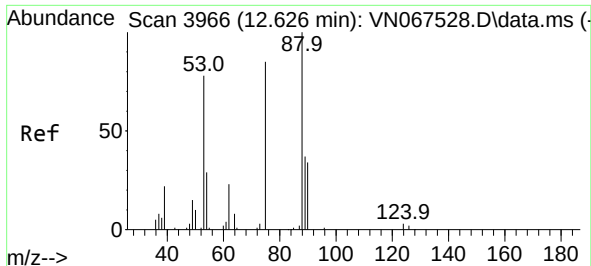
Tgt Ion:152 Resp: 111845
Ion Ratio Lower Upper
152 100
115 62.6 36.1 108.5
150 157.3 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 34.323 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.147 min
Lab File: VN067563.D
Acq: 29 Jun 2021 19:19

Tgt Ion: 75 Resp: 76946
Ion Ratio Lower Upper
75 100
77 0.8 0.0 0.0#

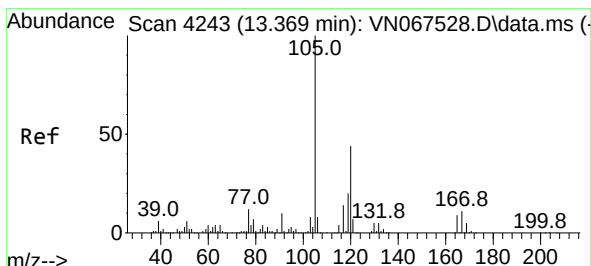
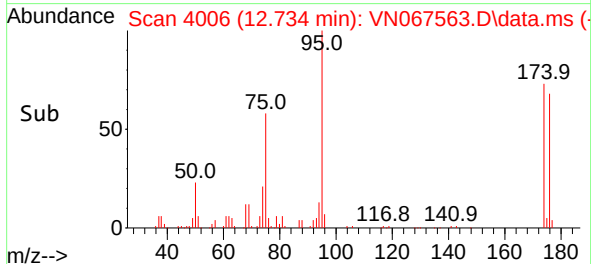
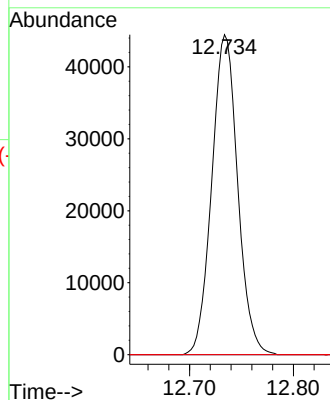
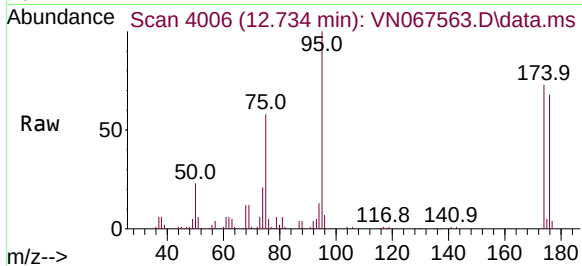




#81
trans-1,4-Dichloro-2-butene
Concen: 98.680 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.108 min
Lab File: VN067563.D
Acq: 29 Jun 2021 19:19

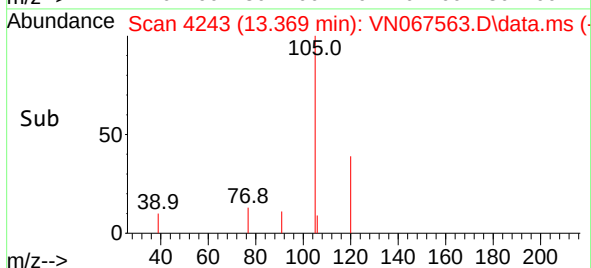
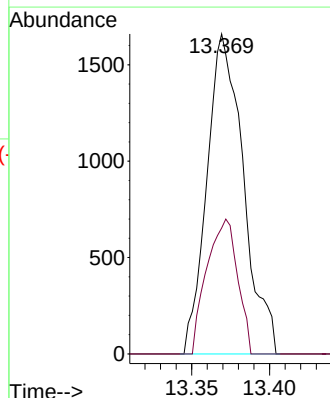
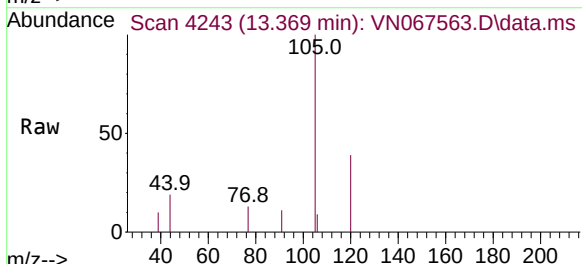
Instrument :
MSVOA_N
ClientSampled :

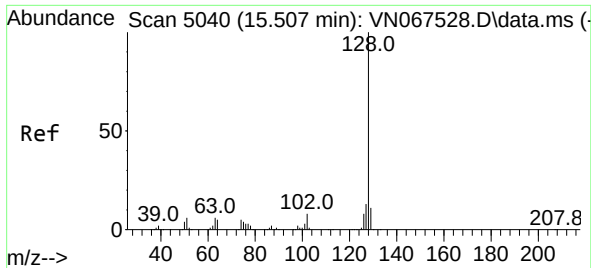
Tgt Ion: 75 Resp: 76946
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#



#84
1,2,4-Trimethylbenzene
Concen: 0.355 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN067563.D
Acq: 29 Jun 2021 19:19

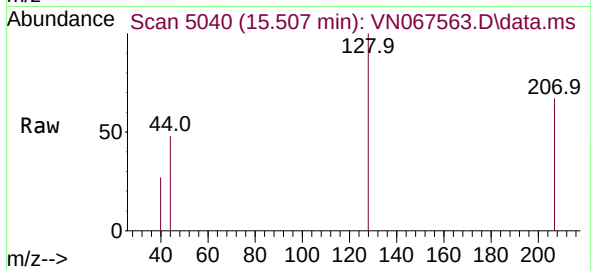
Tgt Ion: 105 Resp: 2696
Ion Ratio Lower Upper
105 100
120 35.5 20.6 61.8





#95
Naphthalene
Concen: 3.399 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN067563.D
Acq: 29 Jun 2021 19:19

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:	128	Resp:	1271
Ion	Ratio	Lower	Upper
128	100		
127	2.0	10.6	15.8#
129	0.0	8.6	12.8#

