

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081821\
 Data File : VN068190.D
 Acq On : 18 Aug 2021 13:56
 Operator : JC/MD
 Sample : M3361-12 20X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 41940RE

Quant Time: Aug 18 14:33:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 13:09:49 2021
 Response via : Initial Calibration

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

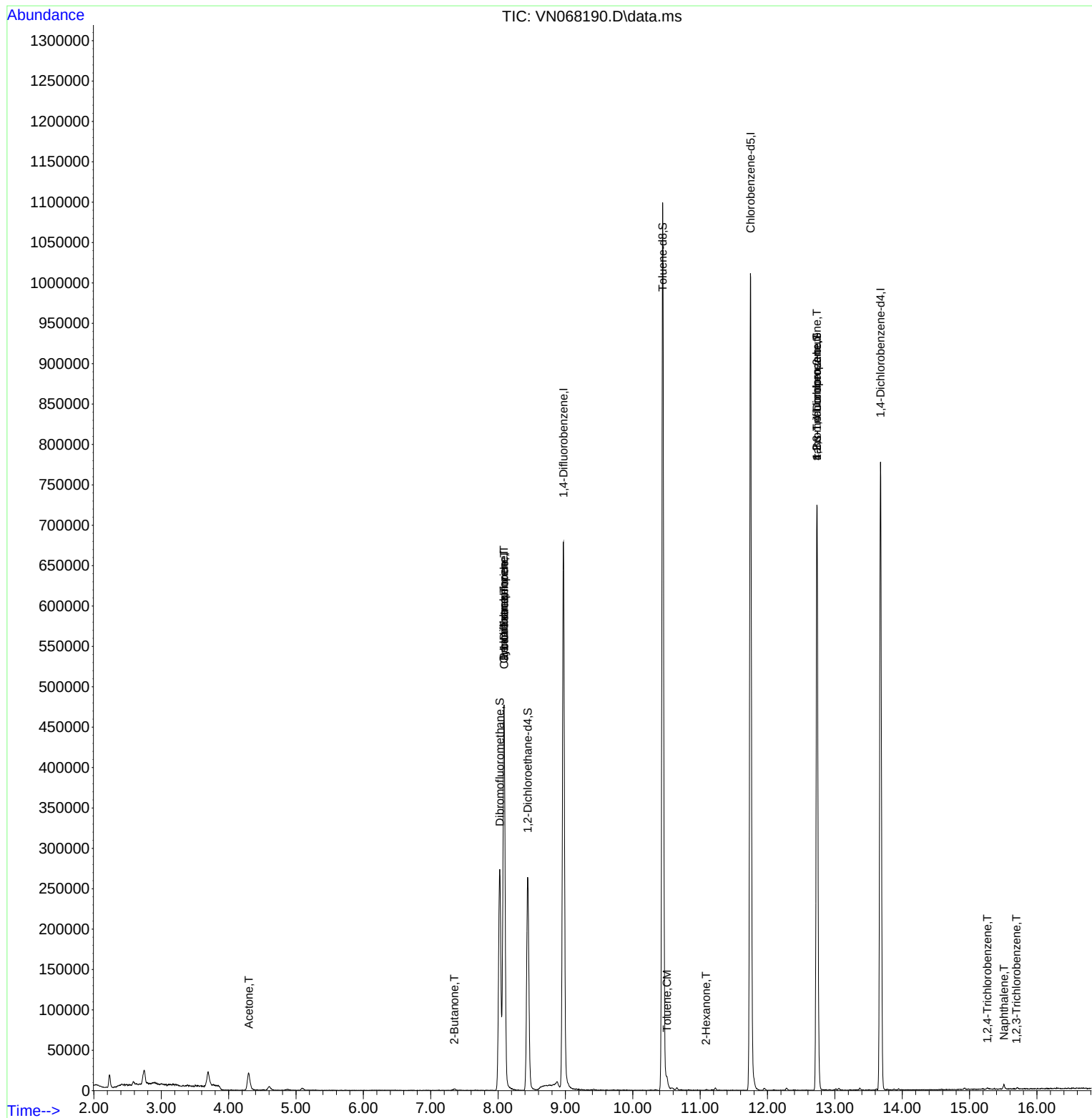
Internal Standards						
1) Pentafluorobenzene	8.088	168	399997	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	652034	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	655019	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	237957	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	226232	52.971	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery	= 105.940%		
35) Dibromofluoromethane	8.027	113	203744	49.771	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery	= 99.540%		
50) Toluene-d8	10.443	98	796414	51.058	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery	= 102.120%		
62) 4-Bromofluorobenzene	12.734	95	254839	49.078	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery	= 98.160%		
Target Compounds						Qvalue
5) Bromomethane	2.875	94	1048	Below Cal		98
6) Chloroethane	3.076	64	120	Below Cal	#	44
13) Acrolein	4.033	56	346	Below Cal	#	41
16) Acetone	4.299	43	38717	31.049	ug/l #	83
18) Methyl Acetate	4.857	43	1023	Below Cal	#	85
20) Methylene Chloride	5.087	84	924	Below Cal	#	71
25) 2-Butanone	7.351	43	1523	0.784	ug/l #	78
31) Cyclohexane	8.086	56	6422	1.142	ug/l #	1
36) 1,1-Dichloropropene	8.088	75	26064	4.890	ug/l #	54
38) Carbon Tetrachloride	8.091	117	36191	5.887	ug/l #	17
52) Toluene	10.508	92	3199	0.288	ug/l	92
59) 2-Hexanone	11.087	43	624	0.201	ug/l	85
76) 1,2,3-Trichloropropane	12.734	75	130341	32.955	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.734	75	130341	107.967	ug/l #	6
93) 1,2,4-Trichlorobenzene	15.263	180	711	2.854	ug/l #	71
95) Naphthalene	15.509	128	5798	3.924	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.697	180	425	2.938	ug/l #	12

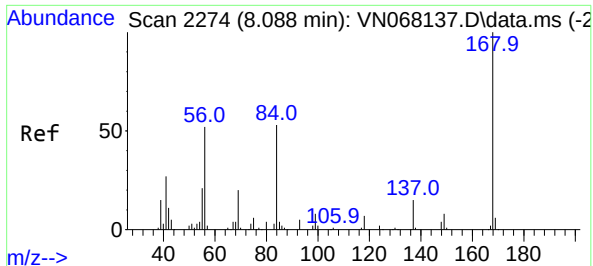
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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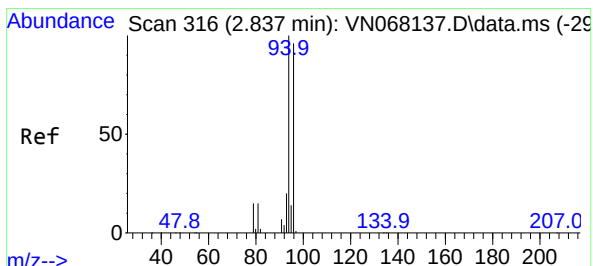
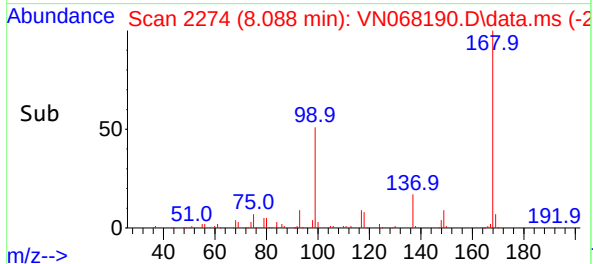
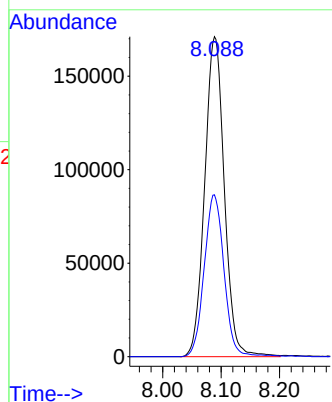
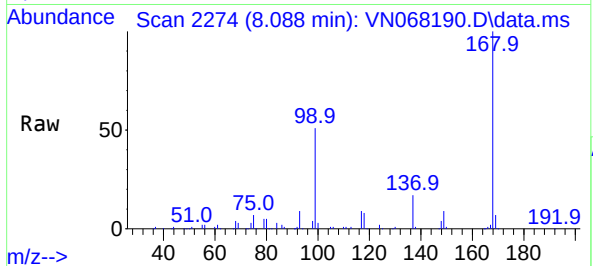




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN068190.D
Acq: 18 Aug 2021 13:56

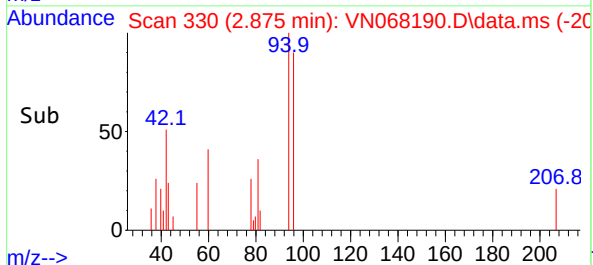
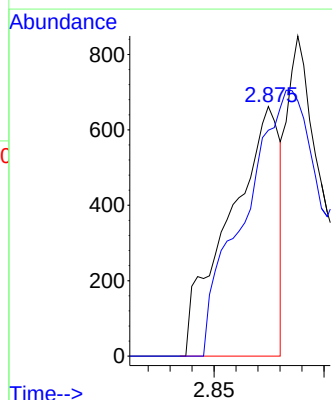
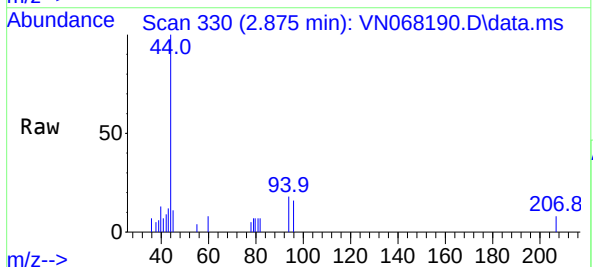
Instrument :
MSVOA_N
ClientSampled :
41940RE

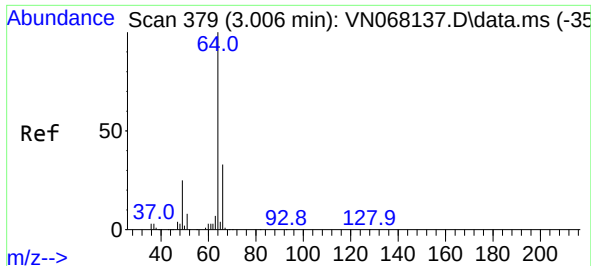
Tgt Ion:168 Resp: 399997
Ion Ratio Lower Upper
168 100
99 50.6 62.9 94.3#



#5
Bromomethane
Concen: Below Cal
RT: 2.875 min Scan# 330
Delta R.T. 0.038 min
Lab File: VN068190.D
Acq: 18 Aug 2021 13:56

Tgt Ion: 94 Resp: 1048
Ion Ratio Lower Upper
94 100
96 90.5 73.7 110.5

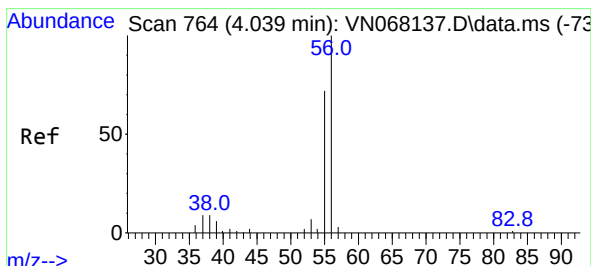
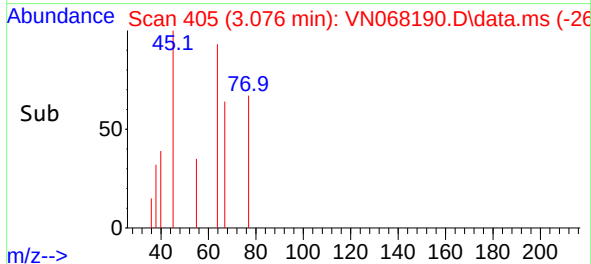
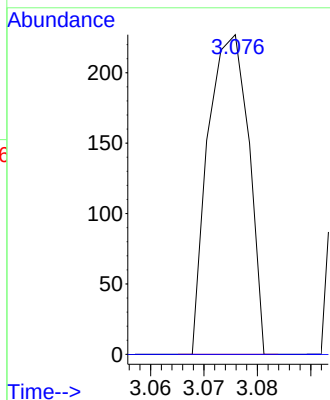
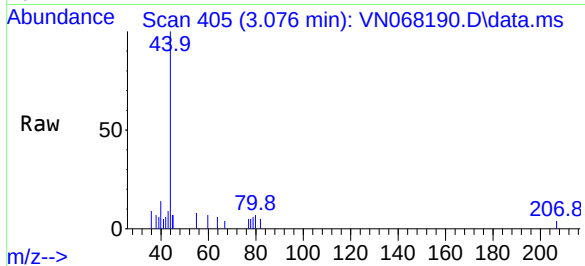




#6
Chloroethane
Concen: Below Cal
RT: 3.076 min Scan# 405
Delta R.T. 0.070 min
Lab File: VN068190.D
Acq: 18 Aug 2021 13:56

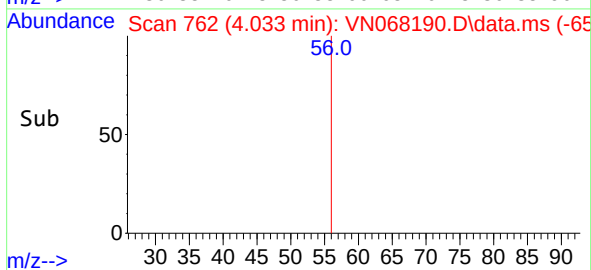
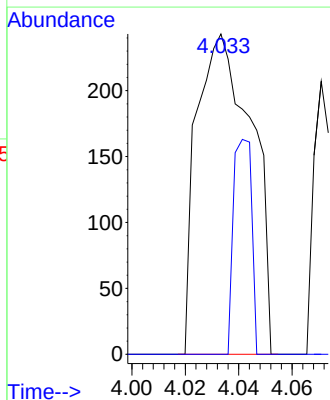
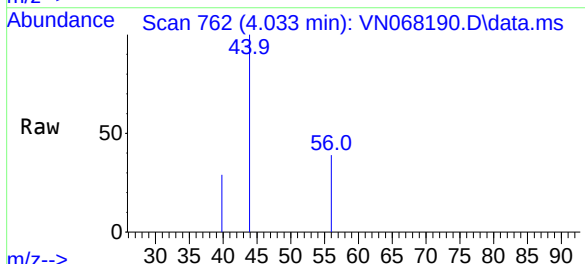
Instrument :
MSVOA_N
ClientSampled :
41940RE

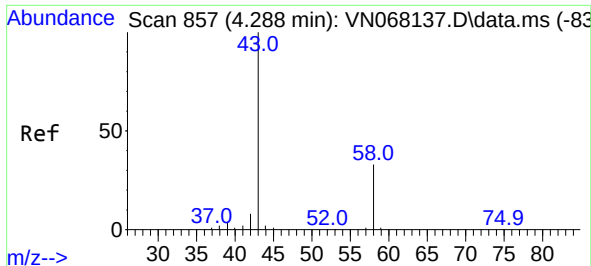
Tgt Ion: 64 Resp: 120
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#



#13
Acrolein
Concen: Below Cal
RT: 4.033 min Scan# 762
Delta R.T. -0.006 min
Lab File: VN068190.D
Acq: 18 Aug 2021 13:56

Tgt Ion: 56 Resp: 346
Ion Ratio Lower Upper
56 100
55 22.3 57.4 86.0#

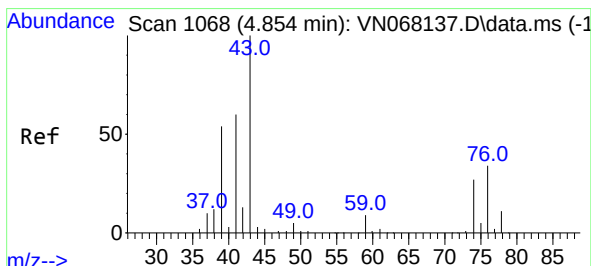
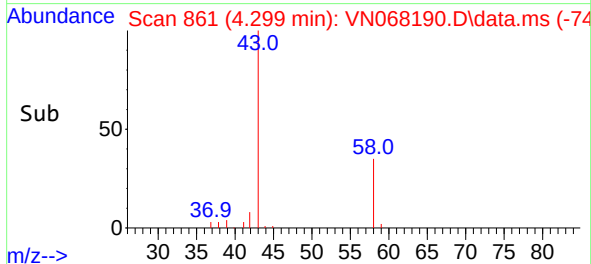
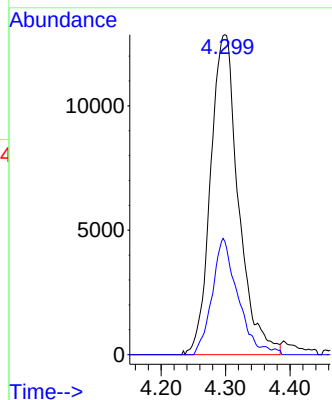
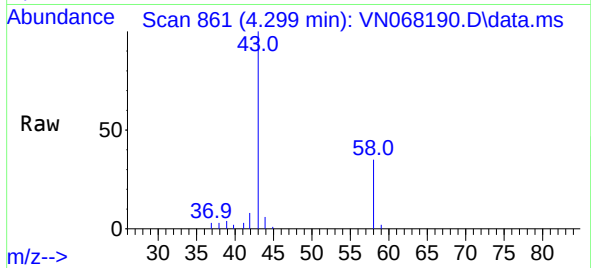




#16
Acetone
Concen: 31.049 ug/l
RT: 4.299 min Scan# 861
Delta R.T. 0.011 min
Lab File: VN068190.D
Acq: 18 Aug 2021 13:56

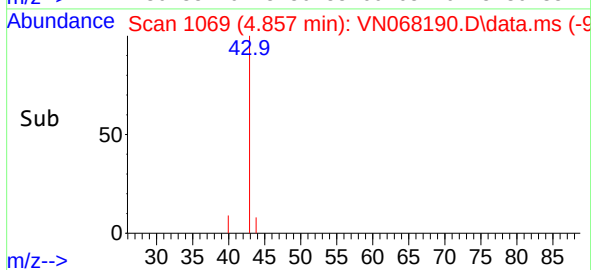
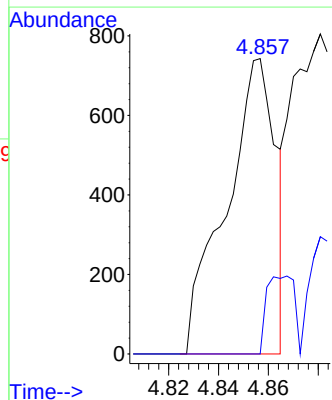
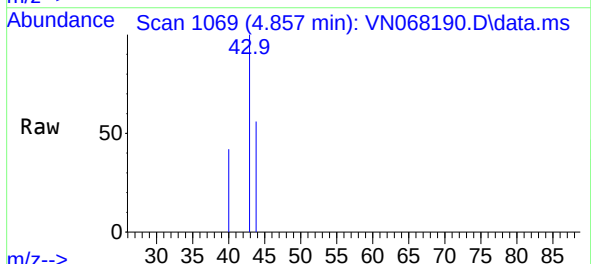
Instrument :
MSVOA_N
ClientSampled :
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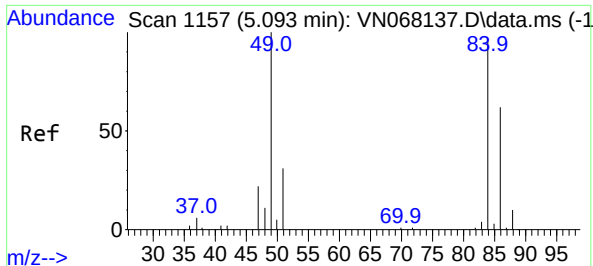
Tgt Ion: 43 Resp: 38717
Ion Ratio Lower Upper
43 100
58 35.4 21.2 31.8#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.857 min Scan# 1069
Delta R.T. 0.003 min
Lab File: VN068190.D
Acq: 18 Aug 2021 13:56

Tgt Ion: 43 Resp: 1023
Ion Ratio Lower Upper
43 100
74 14.7 17.4 26.0#



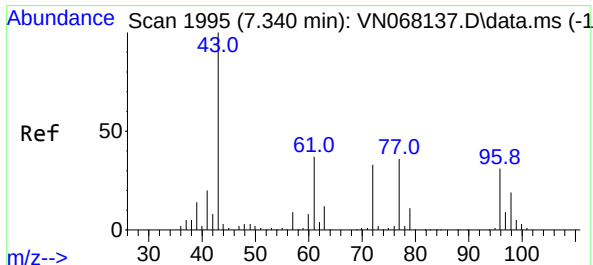
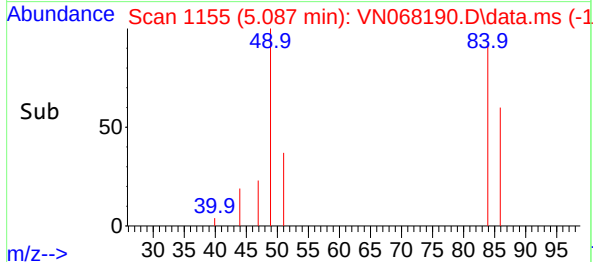
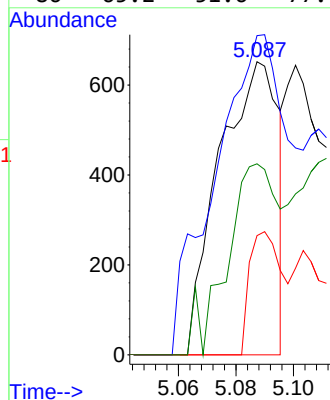
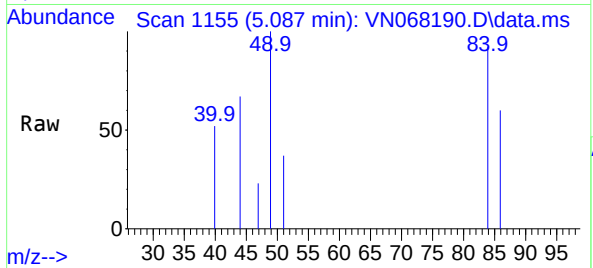


#20
Methylene Chloride
Concen: Below Cal
RT: 5.087 min Scan# 1155
Delta R.T. -0.006 min
Lab File: VN068190.D
Acq: 18 Aug 2021 13:56

Instrument :
MSVOA_N
ClientSampled :
41940RE

Tgt Ion: 84 Resp: 924

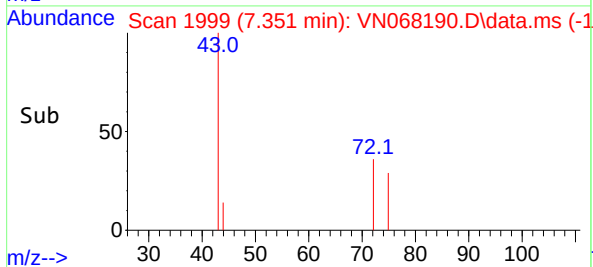
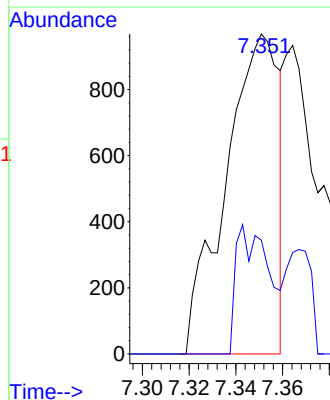
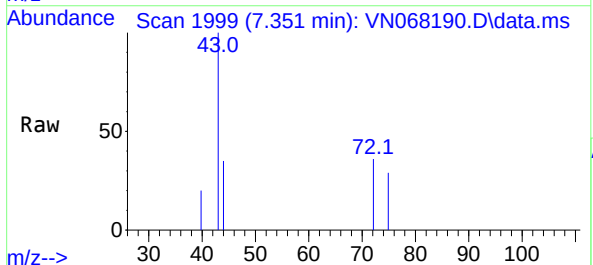
Ion	Ratio	Lower	Upper
84	100		
49	77.0	110.9	166.3#
51	40.6	32.6	49.0
86	65.2	51.6	77.4

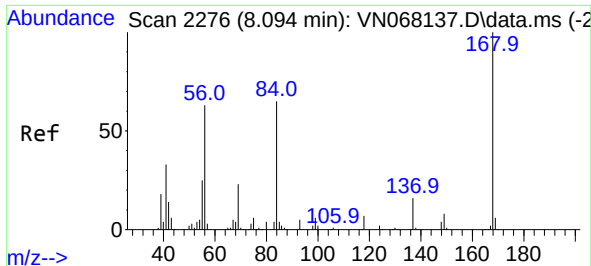


#25
2-Butanone
Concen: 0.784 ug/l
RT: 7.351 min Scan# 1999
Delta R.T. 0.011 min
Lab File: VN068190.D
Acq: 18 Aug 2021 13:56

Tgt Ion: 43 Resp: 1523

Ion	Ratio	Lower	Upper
43	100		
72	35.5	19.7	29.5#

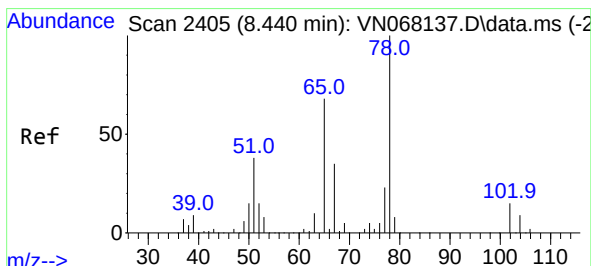
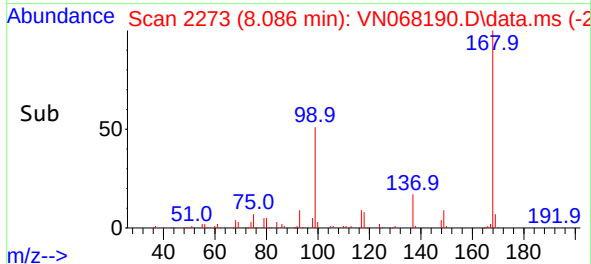
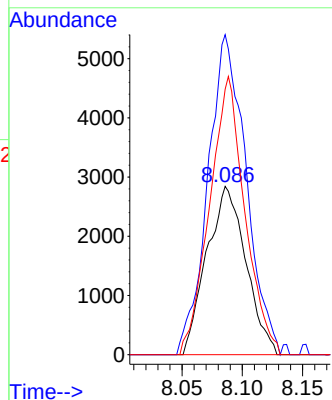
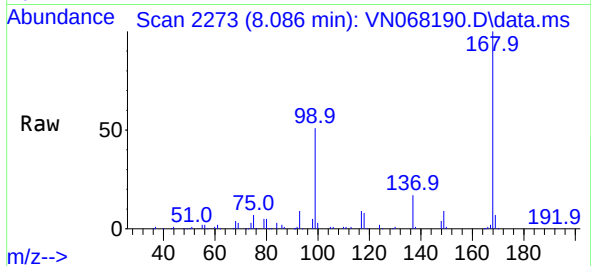




#31
Cyclohexane
Concen: 1.142 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.008 min
Lab File: VN068190.D
Acq: 18 Aug 2021 13:56

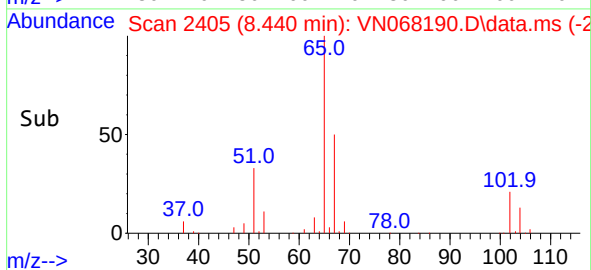
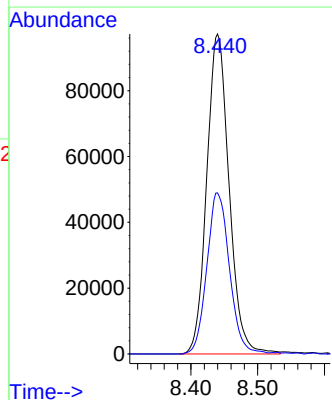
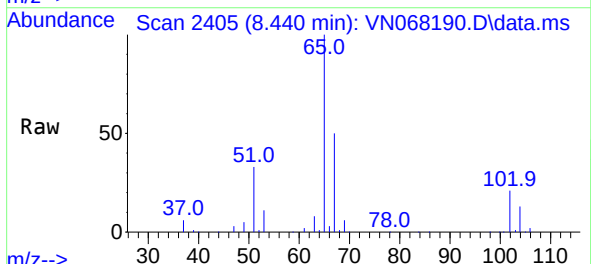
Instrument :
MSVOA_N
ClientSampled :
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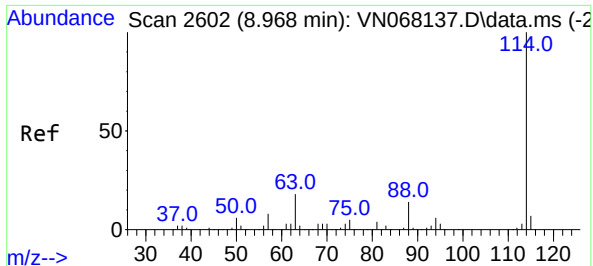
Tgt Ion: 56 Resp: 6422
Ion Ratio Lower Upper
56 100
69 190.2 27.3 40.9#
84 157.8 64.9 97.3#



#33
1,2-Dichloroethane-d4
Concen: 52.971 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068190.D
Acq: 18 Aug 2021 13:56

Tgt Ion: 65 Resp: 226232
Ion Ratio Lower Upper
65 100
67 51.0 0.0 98.6

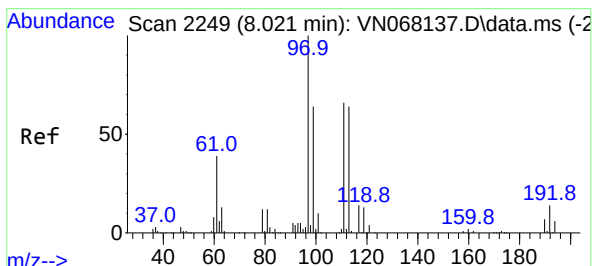
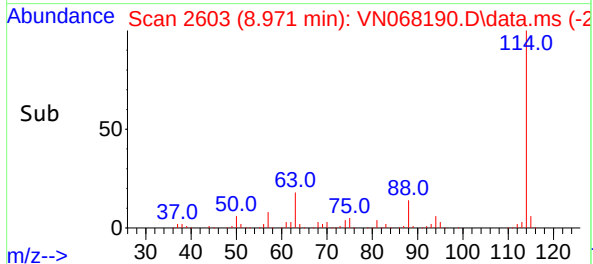
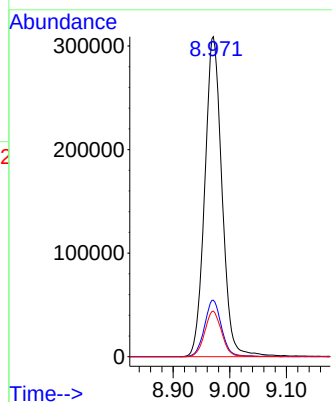
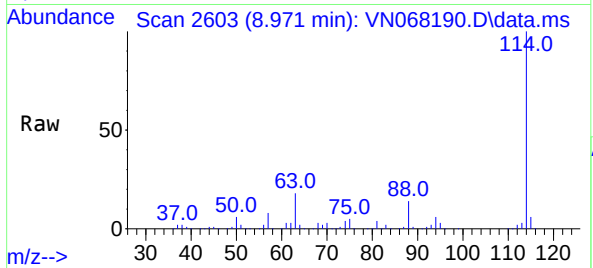




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068190.D
Acq: 18 Aug 2021 13:56

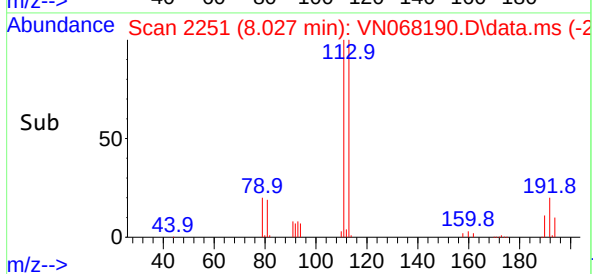
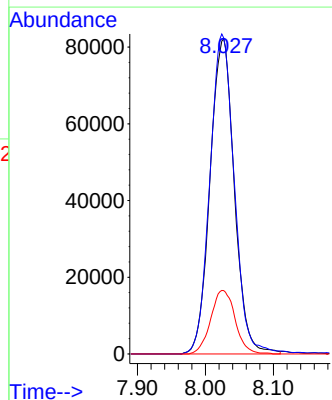
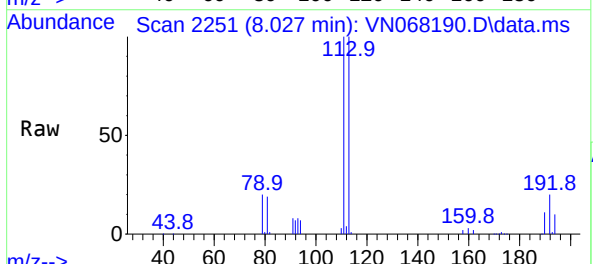
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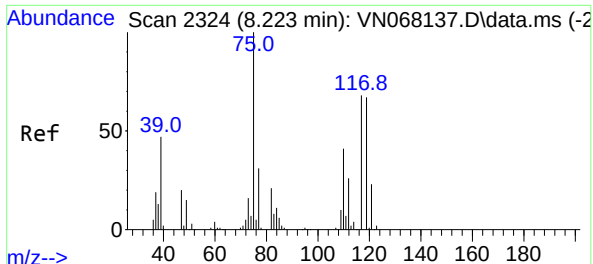
Tgt Ion:114 Resp: 652034
Ion Ratio Lower Upper
114 100
63 17.6 0.0 49.0
88 14.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 49.771 ug/l
RT: 8.027 min Scan# 2251
Delta R.T. 0.006 min
Lab File: VN068190.D
Acq: 18 Aug 2021 13:56

Tgt Ion:113 Resp: 203744
Ion Ratio Lower Upper
113 100
111 102.2 83.8 125.8
192 20.3 13.4 20.0#

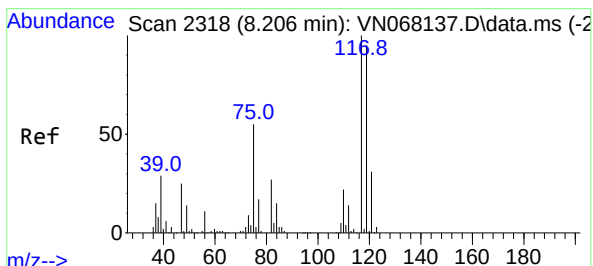
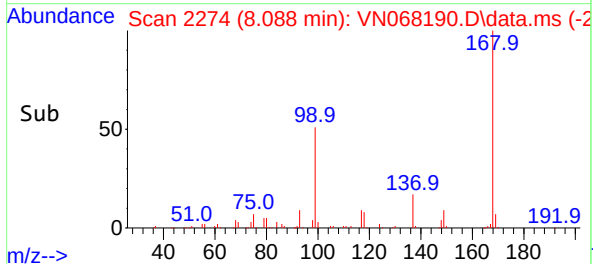
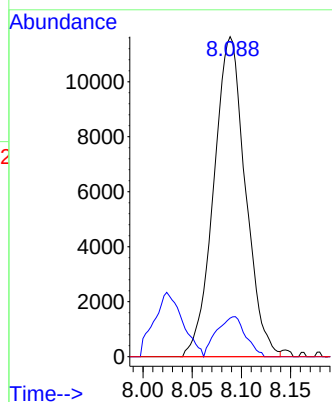
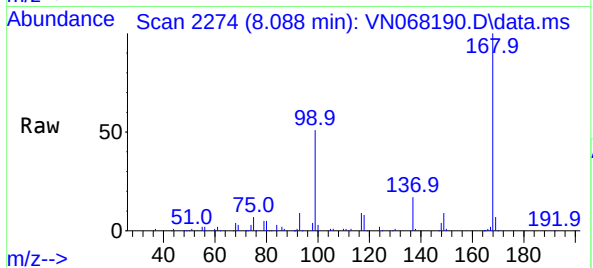




#36
1,1-Dichloropropene
Concen: 4.890 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.135 min
Lab File: VN068190.D
Acq: 18 Aug 2021 13:56

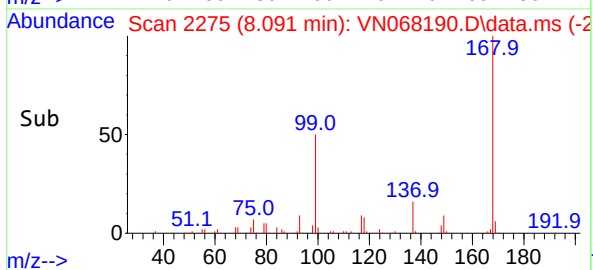
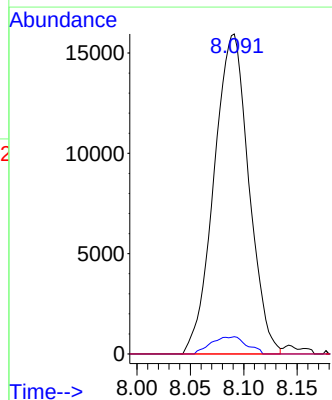
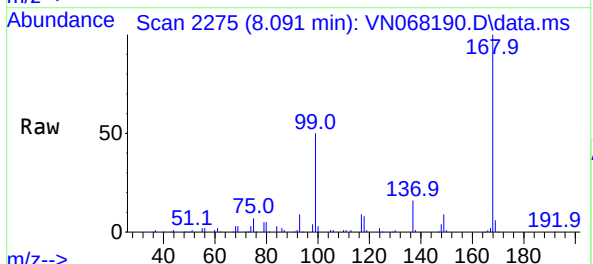
Instrument :
MSVOA_N
ClientSampled :
41940RE

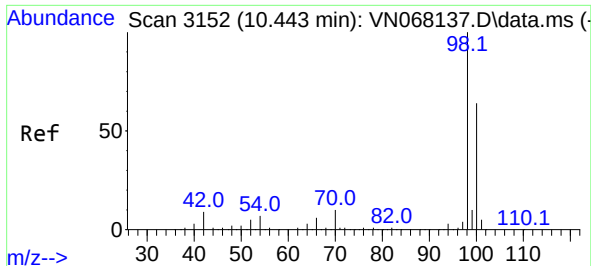
Tgt Ion: 75 Resp: 26064
Ion Ratio Lower Upper
75 100
110 11.4 15.7 47.0#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 5.887 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. -0.115 min
Lab File: VN068190.D
Acq: 18 Aug 2021 13:56

Tgt Ion: 117 Resp: 36191
Ion Ratio Lower Upper
117 100
119 5.4 75.4 113.2#
121 0.0 23.5 35.3#

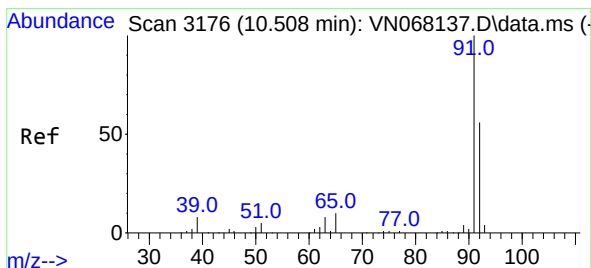
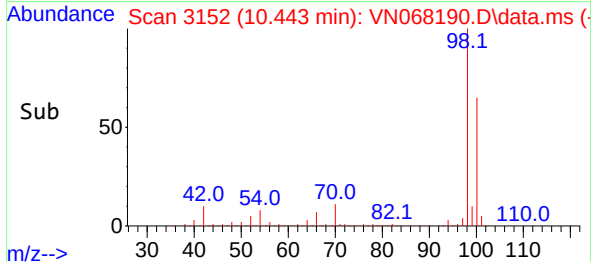
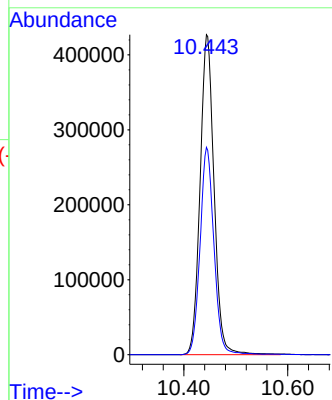
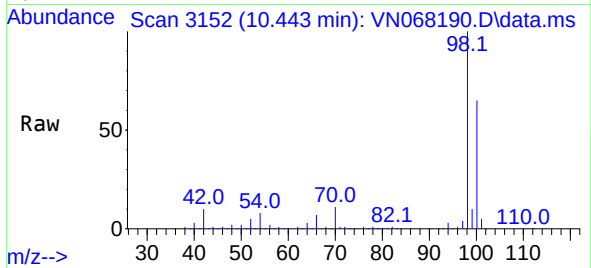




#50
Toluene-d8
Concen: 51.058 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068190.D
Acq: 18 Aug 2021 13:56

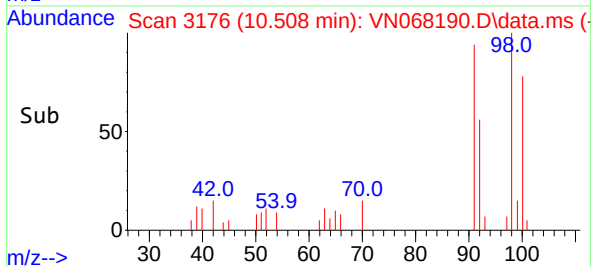
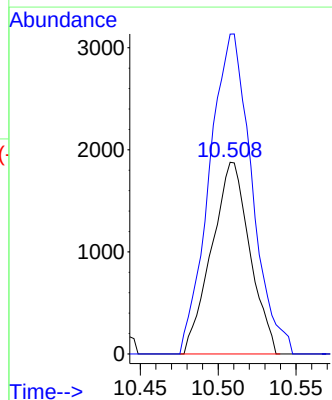
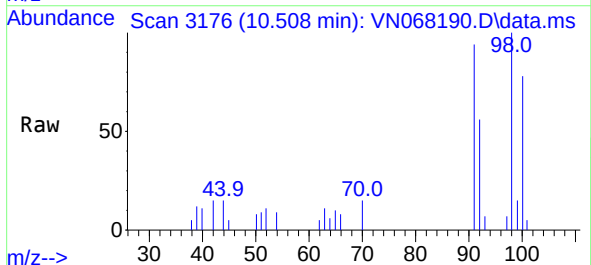
Instrument :
MSVOA_N
ClientSampled :
41940RE

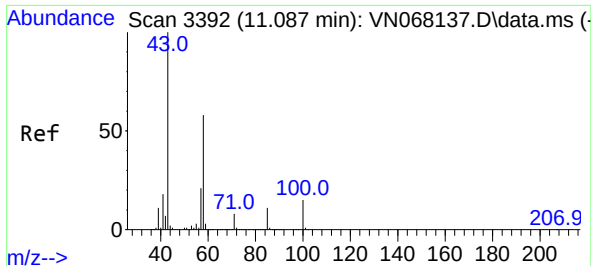
Tgt Ion: 98 Resp: 796414
Ion Ratio Lower Upper
98 100
100 64.4 51.7 77.5



#52
Toluene
Concen: 0.288 ug/l
RT: 10.508 min Scan# 3176
Delta R.T. -0.000 min
Lab File: VN068190.D
Acq: 18 Aug 2021 13:56

Tgt Ion: 92 Resp: 3199
Ion Ratio Lower Upper
92 100
91 185.5 139.6 209.4

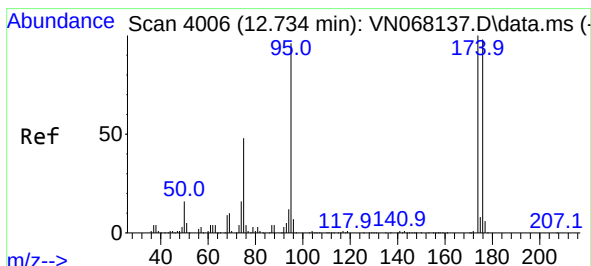
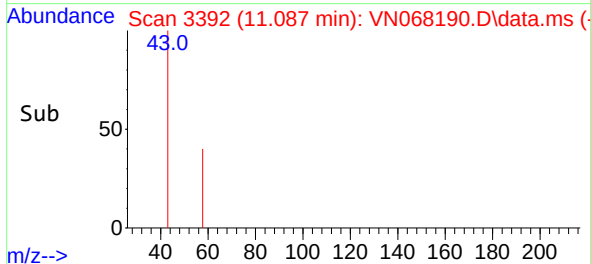
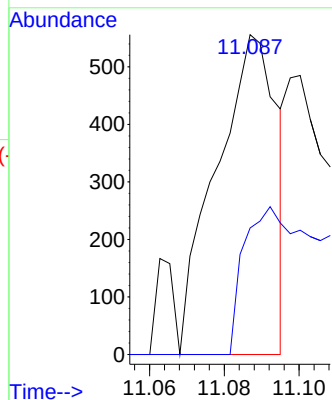
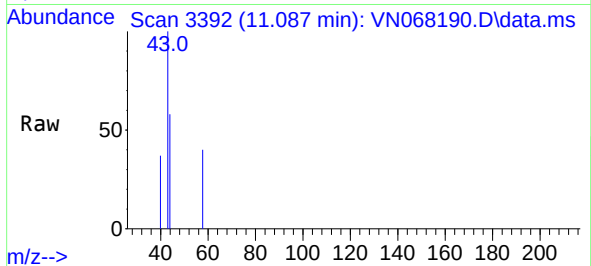




#59
2-Hexanone
Concen: 0.201 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. -0.000 min
Lab File: VN068190.D
Acq: 18 Aug 2021 13:56

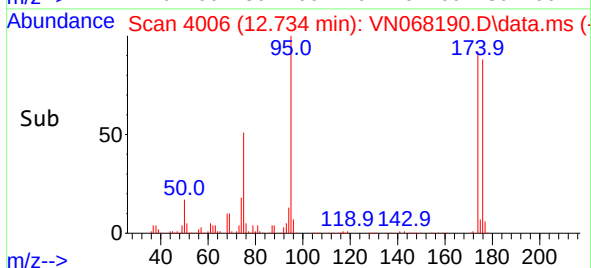
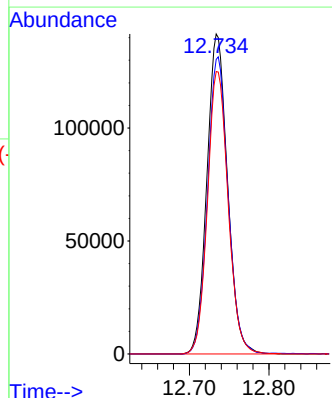
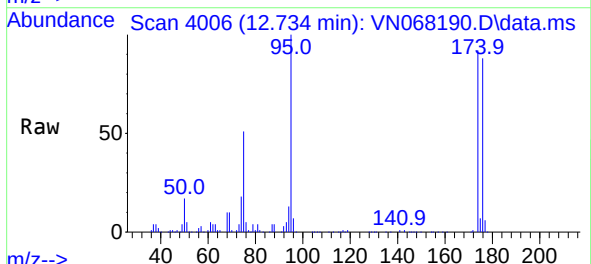
Instrument :
MSVOA_N
ClientSampled :
41940RE

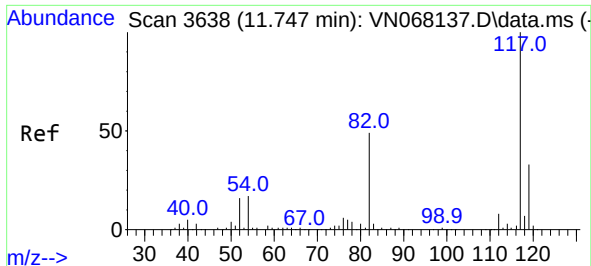
Tgt Ion: 43 Resp: 624
Ion Ratio Lower Upper
43 100
58 59.8 24.7 74.1



#62
4-Bromofluorobenzene
Concen: 49.078 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN068190.D
Acq: 18 Aug 2021 13:56

Tgt Ion: 95 Resp: 254839
Ion Ratio Lower Upper
95 100
174 92.7 0.0 122.0
176 88.6 0.0 117.6

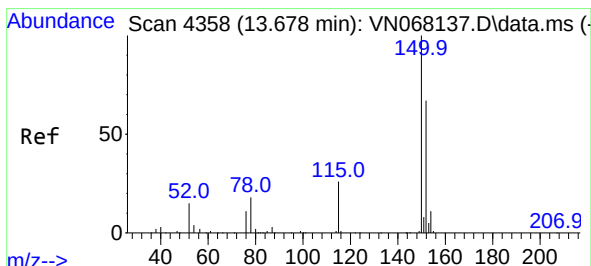
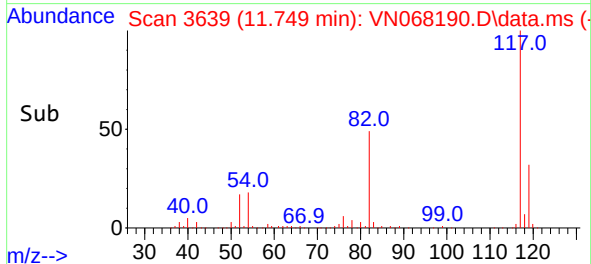
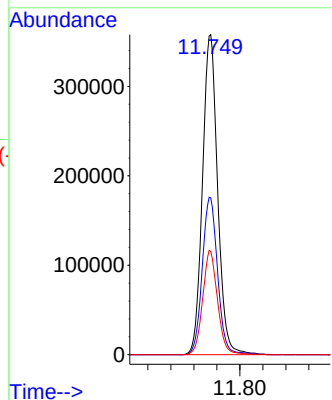
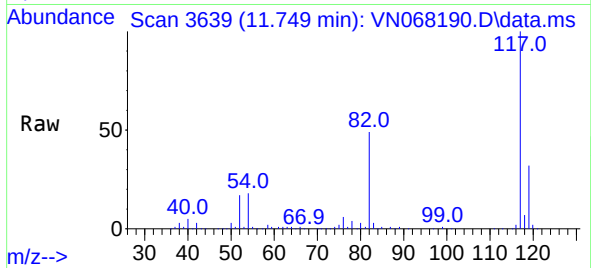




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.002 min
Lab File: VN068190.D
Acq: 18 Aug 2021 13:56

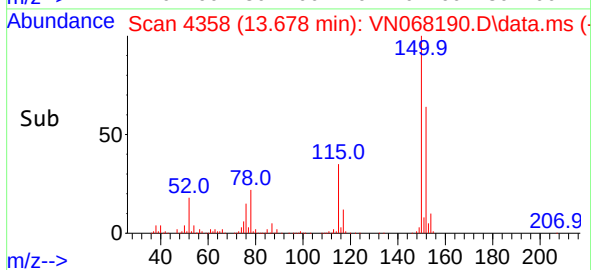
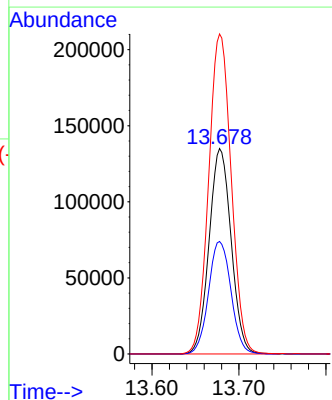
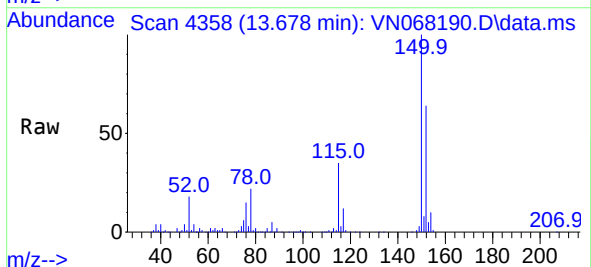
Instrument :
MSVOA_N
ClientSampled :
41940RE

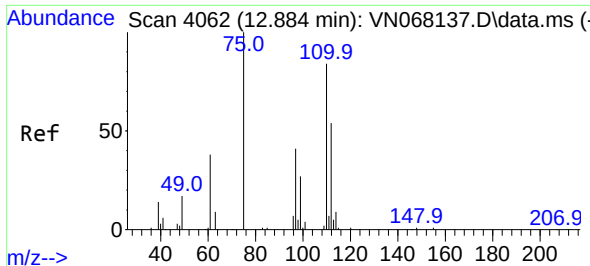
Tgt Ion:117 Resp: 655019
Ion Ratio Lower Upper
117 100
82 49.0 53.1 79.7#
119 32.3 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. -0.000 min
Lab File: VN068190.D
Acq: 18 Aug 2021 13:56

Tgt Ion:152 Resp: 237957
Ion Ratio Lower Upper
152 100
115 55.8 36.1 108.5
150 159.1 0.0 351.8

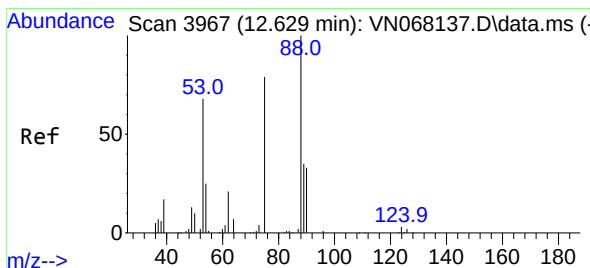
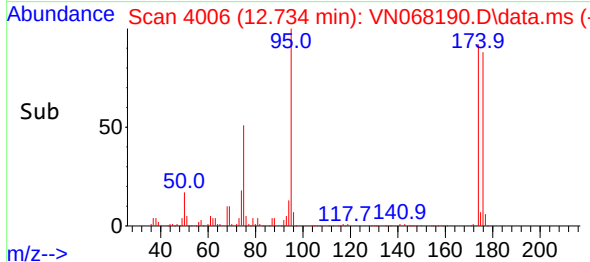
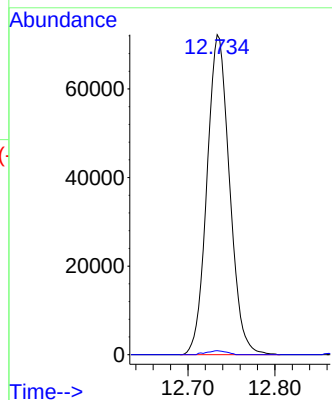
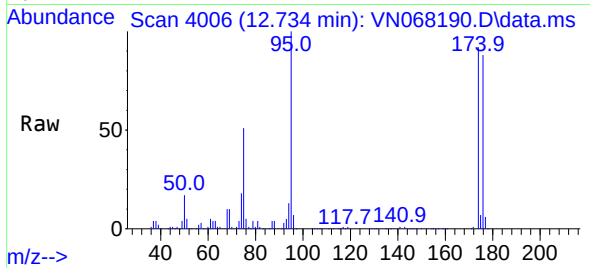




#76
1,2,3-Trichloropropane
Concen: 32.955 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.150 min
Lab File: VN068190.D
Acq: 18 Aug 2021 13:56

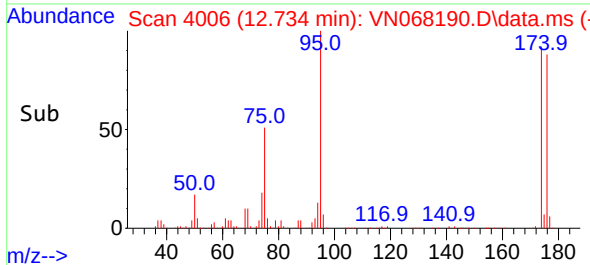
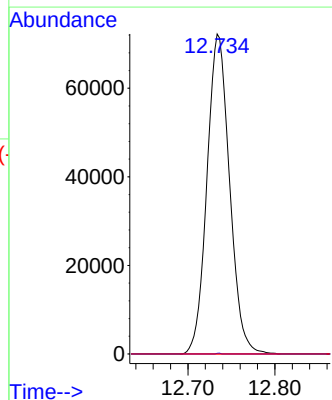
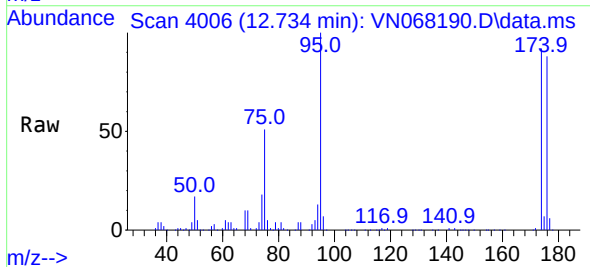
Instrument :
MSVOA_N
ClientSampled :
41940RE

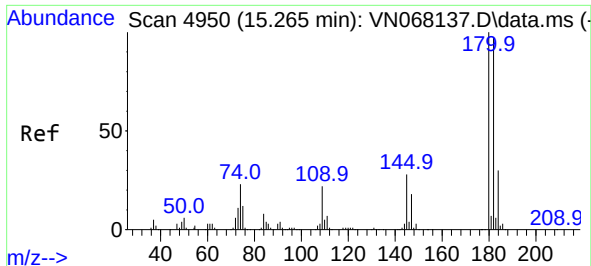
Tgt Ion: 75 Resp: 130341
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 107.967 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.105 min
Lab File: VN068190.D
Acq: 18 Aug 2021 13:56

Tgt Ion: 75 Resp: 130341
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#

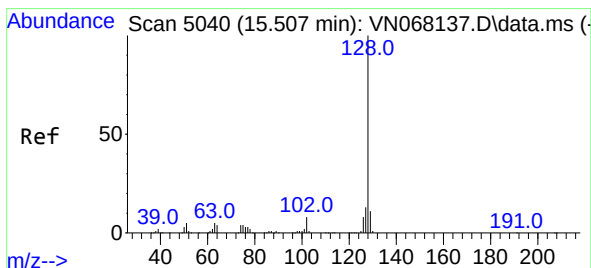
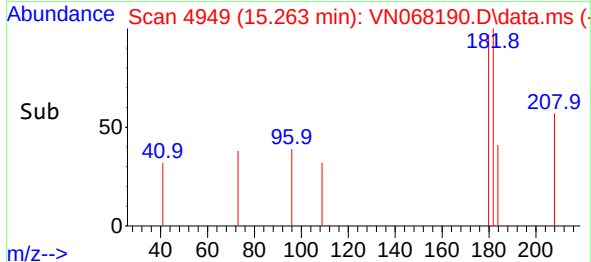
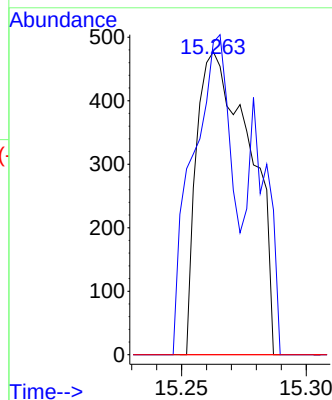
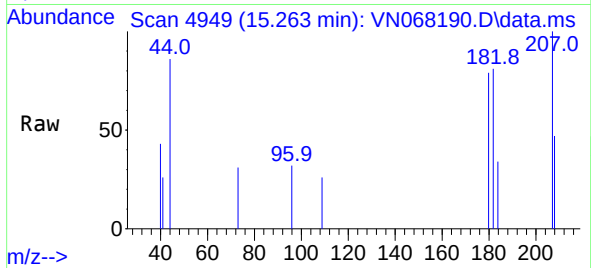




#93
1,2,4-Trichlorobenzene
Concen: 2.854 ug/l
RT: 15.263 min Scan# 4949
Delta R.T. -0.002 min
Lab File: VN068190.D
Acq: 18 Aug 2021 13:56

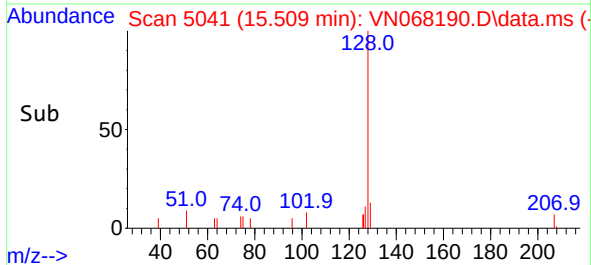
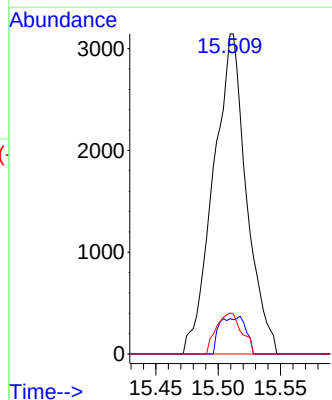
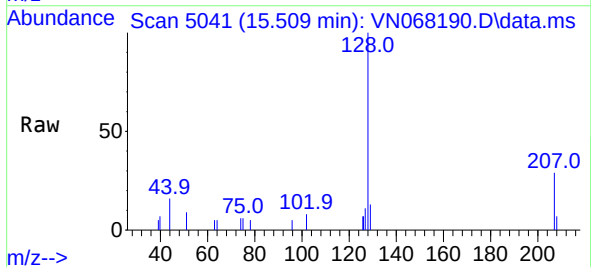
Instrument :
MSVOA_N
ClientSampleId :
41940RE

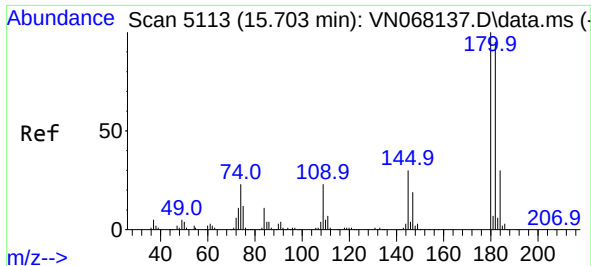
Tgt Ion:180 Resp: 711
Ion Ratio Lower Upper
180 100
182 77.2 47.5 142.5
145 0.0 17.2 51.6#



#95
Naphthalene
Concen: 3.924 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN068190.D
Acq: 18 Aug 2021 13:56

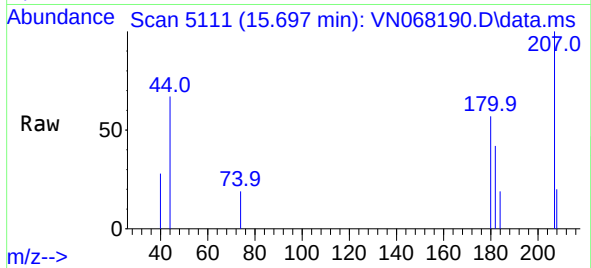
Tgt Ion:128 Resp: 5798
Ion Ratio Lower Upper
128 100
127 9.2 10.6 15.8#
129 9.8 8.6 12.8





#96
1,2,3-Trichlorobenzene
Concen: 2.938 ug/l
RT: 15.697 min Scan# 5111
Delta R.T. -0.006 min
Lab File: VN068190.D
Acq: 18 Aug 2021 13:56

Instrument :
MSVOA_N
ClientSampleId :
41940RE



Tgt Ion:180 Resp: 425
Ion Ratio Lower Upper
180 100
182 0.0 47.8 143.3#
145 0.0 18.2 54.6#

