

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092121\
 Data File : VN068581.D
 Acq On : 21 Sep 2021 14:46
 Operator : JC/MD
 Sample : M3781-09
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 21 16:10:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090721W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 17 11:02:11 2021
 Response via : Initial Calibration

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

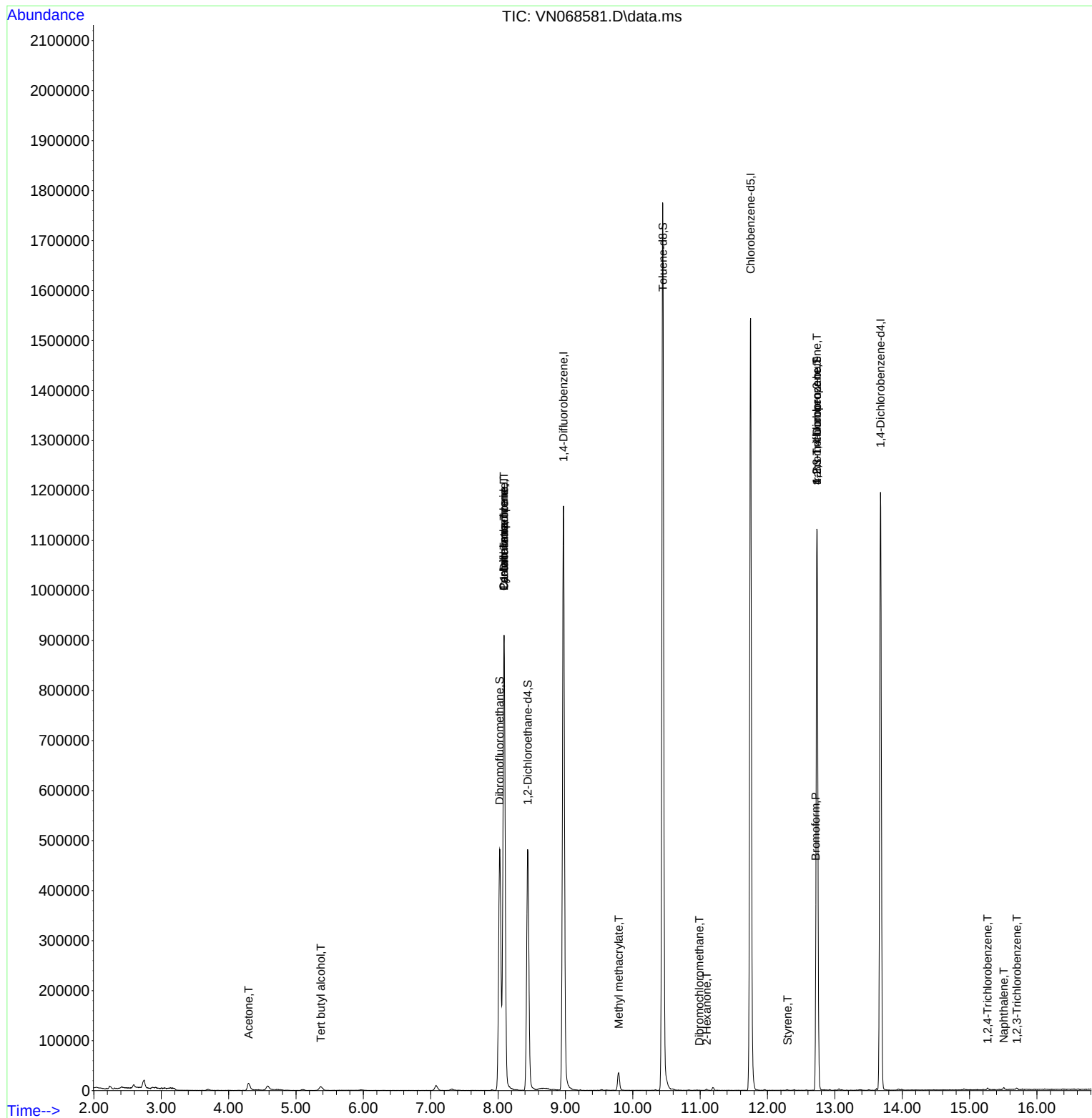
Internal Standards						
1) Pentafluorobenzene	8.088	168	787809	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	1133137	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	980120	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	367964	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	404097	55.918	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 111.840%			
35) Dibromofluoromethane	8.024	113	359780	52.643	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 105.280%			
50) Toluene-d8	10.446	98	1362411	48.705	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 97.420%			
62) 4-Bromofluorobenzene	12.733	95	386819	42.542	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 85.080%			
Target Compounds			Qvalue			
3) Chloromethane	2.306	50	1306	Below Cal		100
5) Bromomethane	2.832	94	27	Below Cal	#	3
11) Tert butyl alcohol	5.369	59	14822	1.970	ug/l	99
16) Acetone	4.296	43	26518	3.942	ug/l	92
18) Methyl Acetate	4.865	43	721	Below Cal	#	45
20) Methylene Chloride	5.101	84	811	Below Cal	#	73
31) Cyclohexane	8.088	56	13152	1.201	ug/l #	18
36) 1,1-Dichloropropene	8.088	75	48917	5.178	ug/l #	47
38) Carbon Tetrachloride	8.088	117	71474	6.315	ug/l #	15
48) Methyl methacrylate	9.791	41	15518	2.931	ug/l #	26
59) 2-Hexanone	11.097	43	2439	0.503	ug/l	81
60) Dibromochloromethane	10.987	129	27	1.805	ug/l #	11
70) Styrene	12.299	104	485	1.774	ug/l #	59
71) Bromoform	12.717	173	417	2.579	ug/l #	1
76) 1,2,3-Trichloropropane	12.733	75	197716	38.828	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.733	75	197716	119.081	ug/l #	13
93) 1,2,4-Trichlorobenzene	15.268	180	1183	3.121	ug/l #	83
95) Naphthalene	15.507	128	4017	3.753	ug/l #	92
96) 1,2,3-Trichlorobenzene	15.702	180	1494	3.191	ug/l #	86

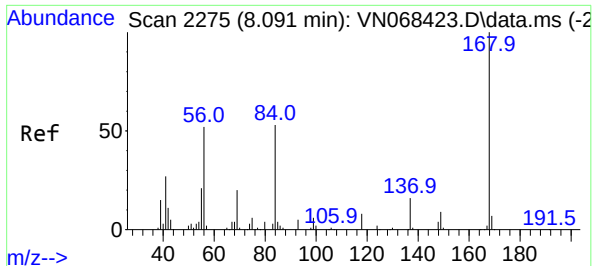
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090721W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 17 11:02:11 2021
Response via : Initial Calibration

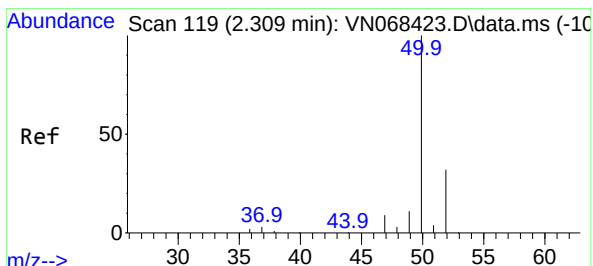
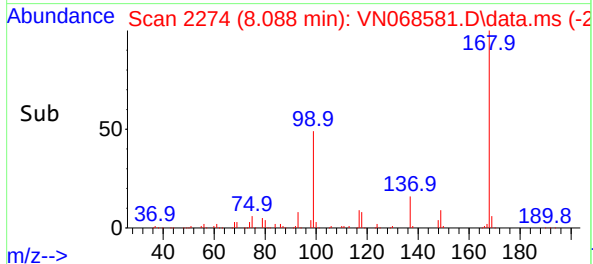
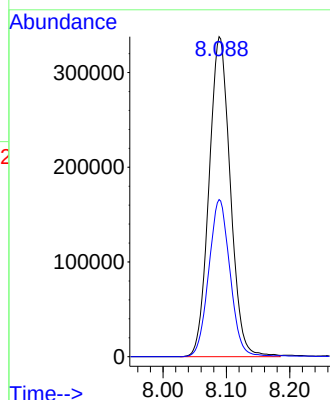
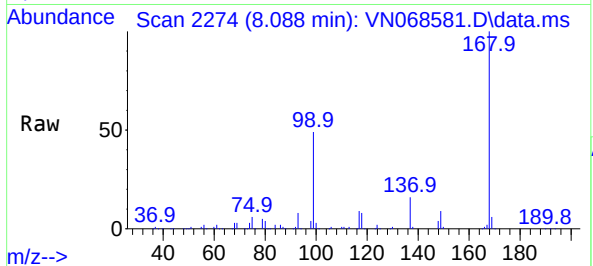




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.003 min
Lab File: VN068581.D
Acq: 21 Sep 2021 14:46

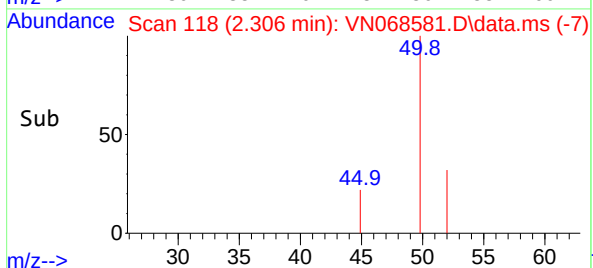
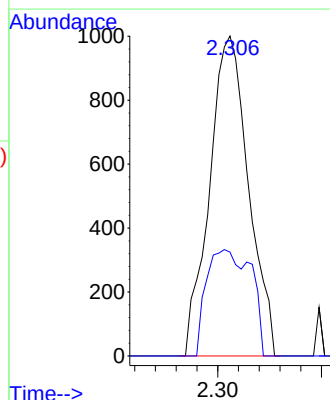
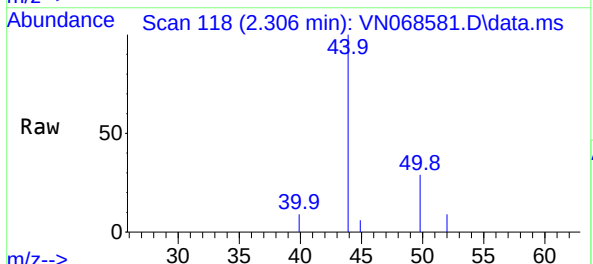
Instrument :
MSVOA_N
ClientSampled :

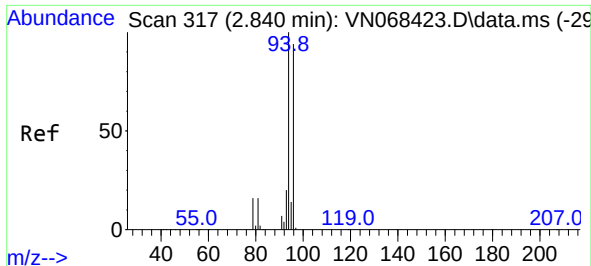
Tgt Ion:168 Resp: 787809
Ion Ratio Lower Upper
168 100
99 49.1 38.2 57.4



#3
Chloromethane
Concen: Below Cal
RT: 2.306 min Scan# 118
Delta R.T. -0.003 min
Lab File: VN068581.D
Acq: 21 Sep 2021 14:46

Tgt Ion: 50 Resp: 1306
Ion Ratio Lower Upper
50 100
52 32.5 25.8 38.6

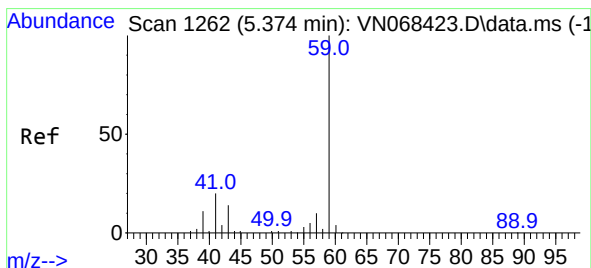
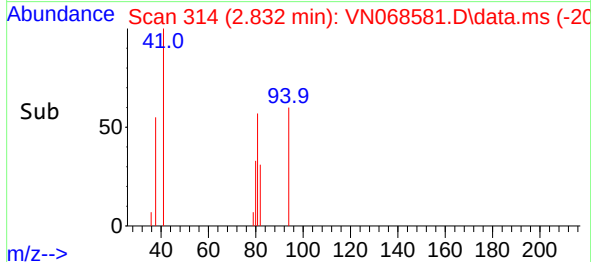
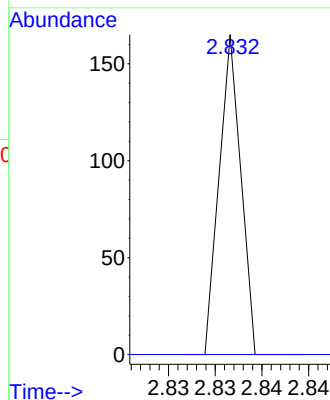
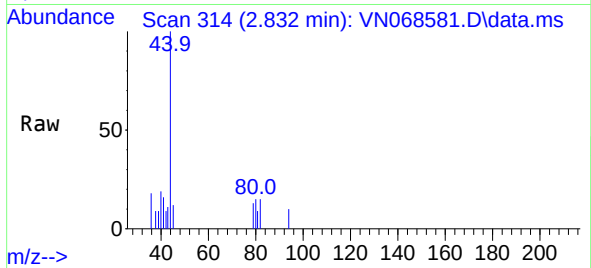




#5
Bromomethane
Concen: Below Cal
RT: 2.832 min Scan# 314
Delta R.T. -0.008 min
Lab File: VN068581.D
Acq: 21 Sep 2021 14:46

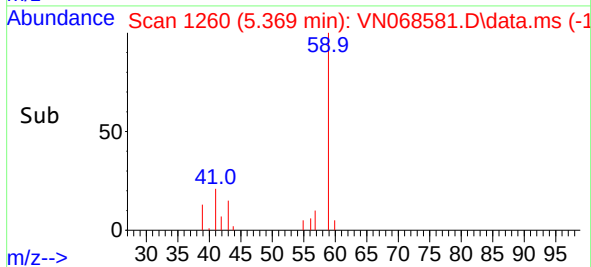
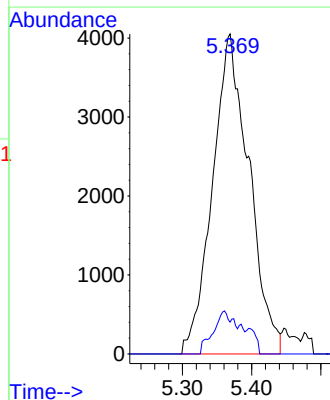
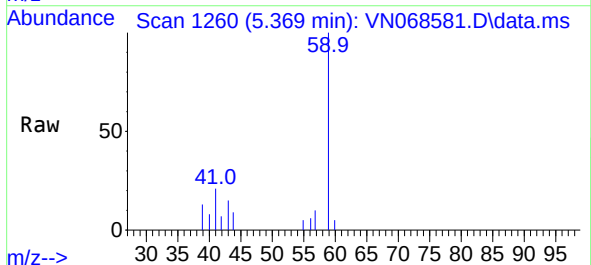
Instrument :
MSVOA_N
ClientSampled :

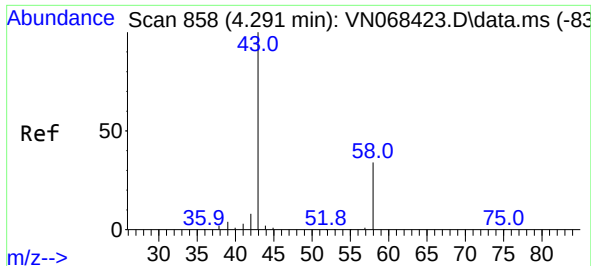
Tgt Ion: 94 Resp: 27
Ion Ratio Lower Upper
94 100
96 0.0 75.4 113.0#



#11
Tert butyl alcohol
Concen: 1.970 ug/l
RT: 5.369 min Scan# 1260
Delta R.T. -0.005 min
Lab File: VN068581.D
Acq: 21 Sep 2021 14:46

Tgt Ion: 59 Resp: 14822
Ion Ratio Lower Upper
59 100
57 5.9 4.3 6.5

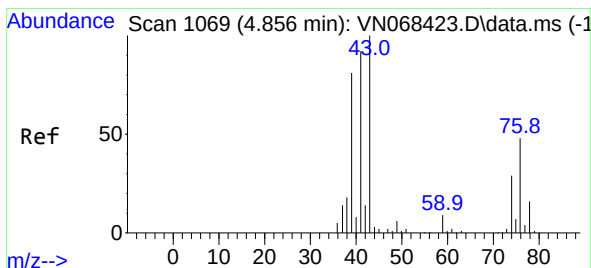
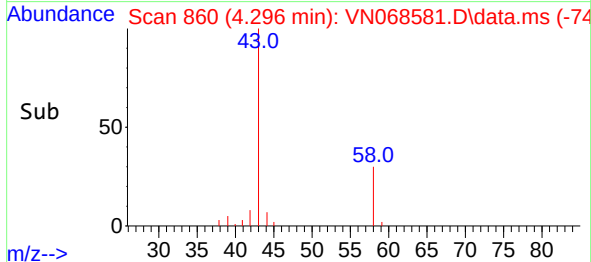
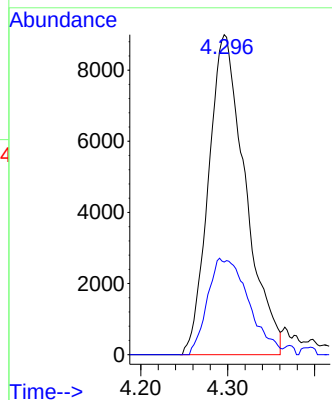
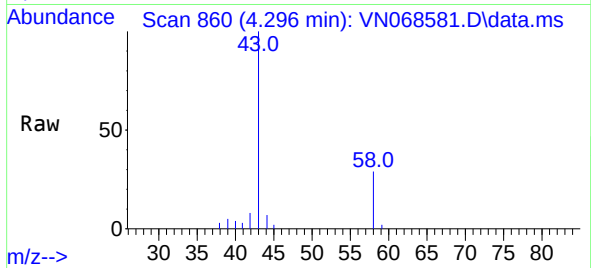




#16
Acetone
Concen: 3.942 ug/l
RT: 4.296 min Scan# 860
Delta R.T. 0.005 min
Lab File: VN068581.D
Acq: 21 Sep 2021 14:46

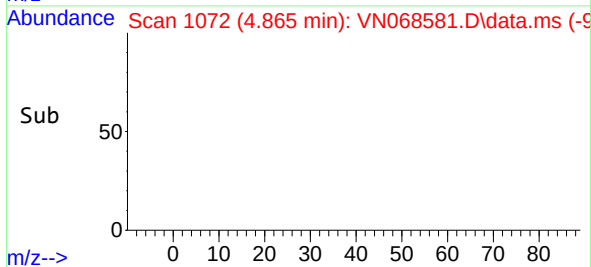
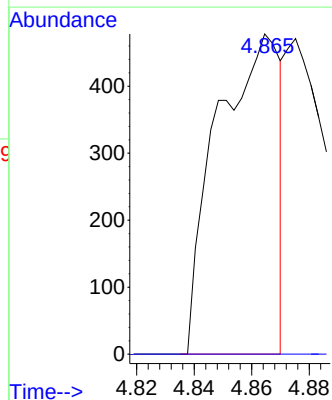
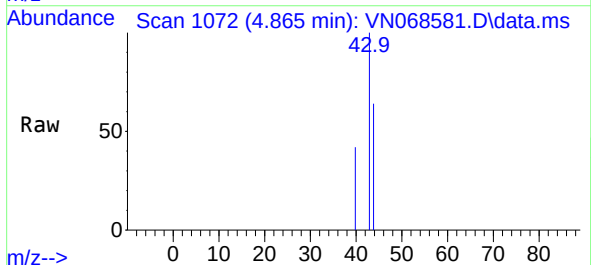
Instrument :
MSVOA_N
ClientSampled :

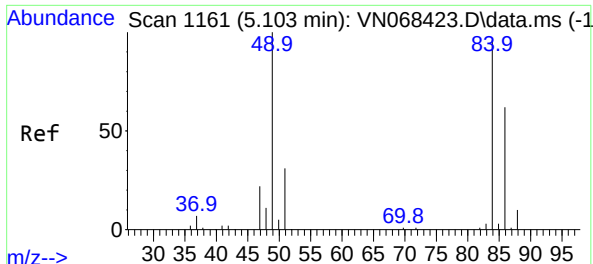
Tgt Ion: 43 Resp: 26518
Ion Ratio Lower Upper
43 100
58 29.0 27.0 40.6



#18
Methyl Acetate
Concen: Below Cal
RT: 4.865 min Scan# 1072
Delta R.T. 0.009 min
Lab File: VN068581.D
Acq: 21 Sep 2021 14:46

Tgt Ion: 43 Resp: 721
Ion Ratio Lower Upper
43 100
74 0.0 23.5 35.3#



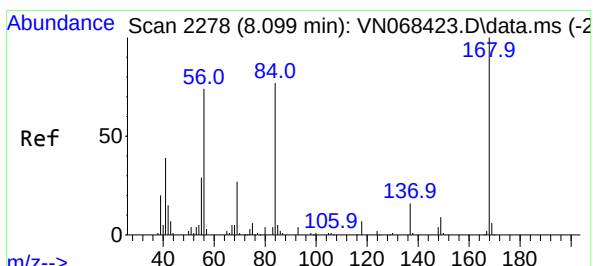
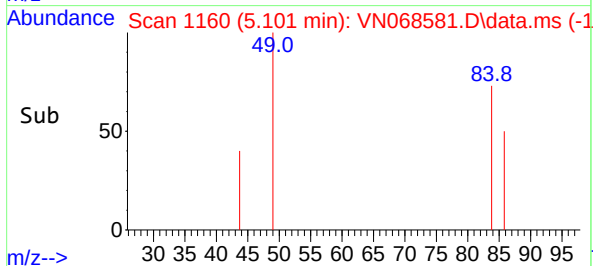
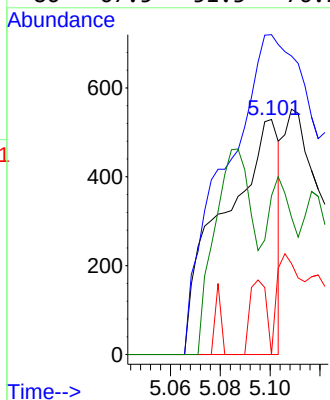
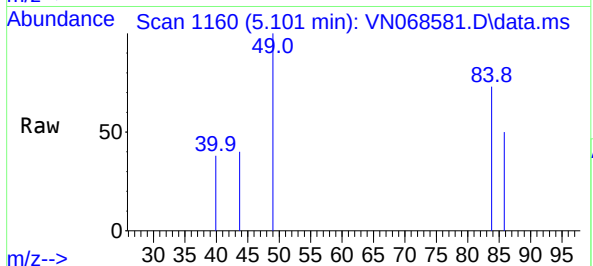


#20
Methylene Chloride
Concen: Below Cal
RT: 5.101 min Scan# 1160
Delta R.T. -0.002 min
Lab File: VN068581.D
Acq: 21 Sep 2021 14:46

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 84 Resp: 811

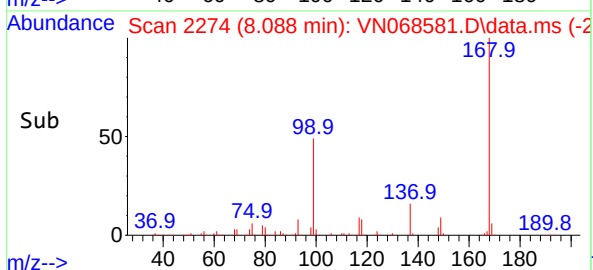
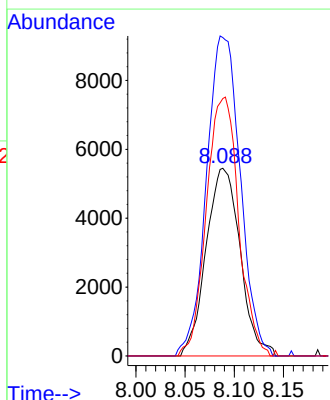
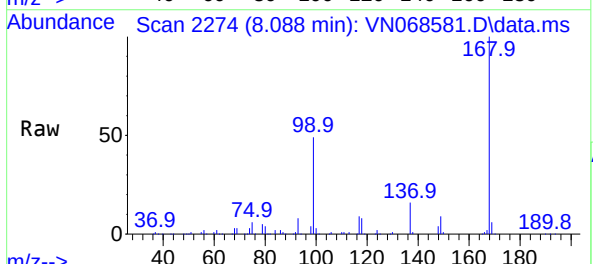
Ion	Ratio	Lower	Upper
84	100		
49	136.1	83.0	124.6#
51	0.0	25.4	38.0#
86	67.5	51.3	76.9

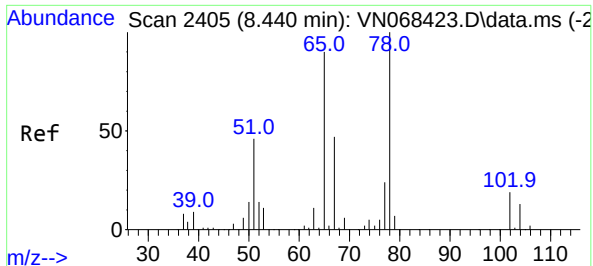


#31
Cyclohexane
Concen: 1.201 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.011 min
Lab File: VN068581.D
Acq: 21 Sep 2021 14:46

Tgt Ion: 56 Resp: 13152

Ion	Ratio	Lower	Upper
56	100		
69	169.7	29.4	44.0#
84	137.2	83.6	125.4#

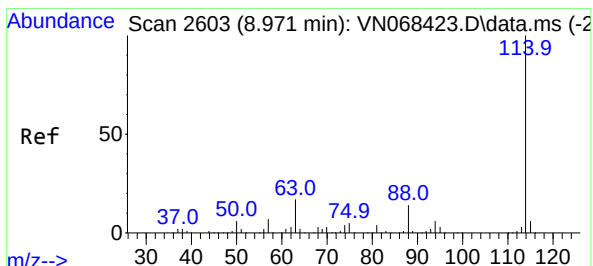
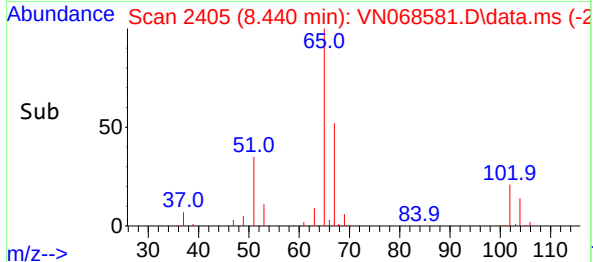
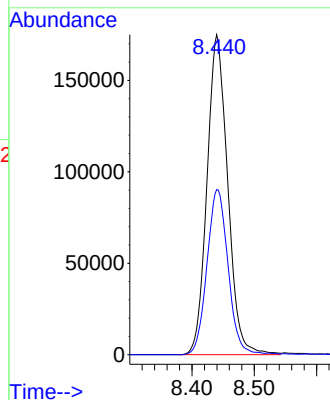
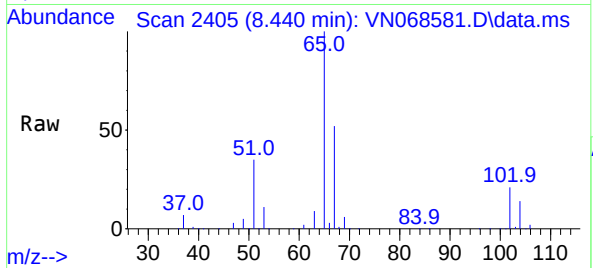




#33
 1,2-Dichloroethane-d4
 Concen: 55.918 ug/l
 RT: 8.440 min Scan# 2405
 Delta R.T. -0.000 min
 Lab File: VN068581.D
 Acq: 21 Sep 2021 14:46

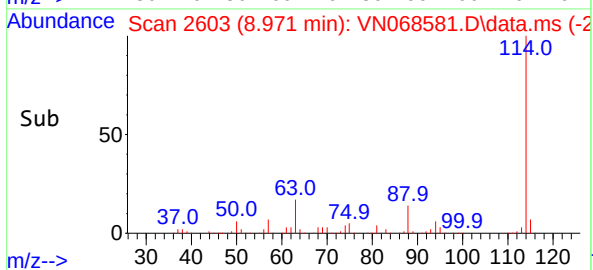
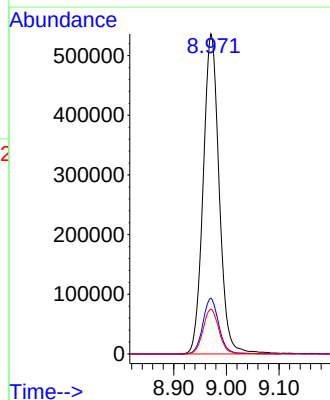
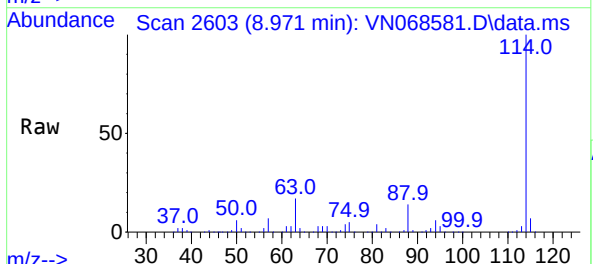
Instrument :
 MSVOA_N
 ClientSampled :

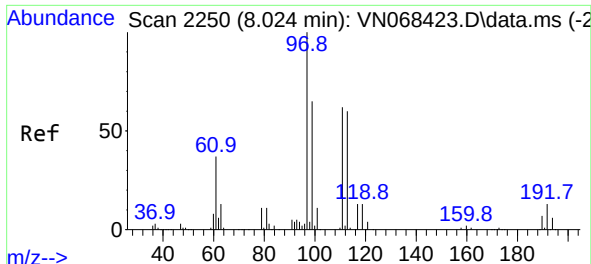
Tgt Ion: 65 Resp: 404097
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.971 min Scan# 2603
 Delta R.T. -0.000 min
 Lab File: VN068581.D
 Acq: 21 Sep 2021 14:46

Tgt Ion: 114 Resp: 1133137
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 33.2
 88 14.0 0.0 28.4



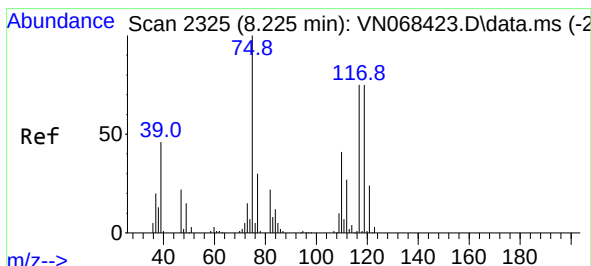
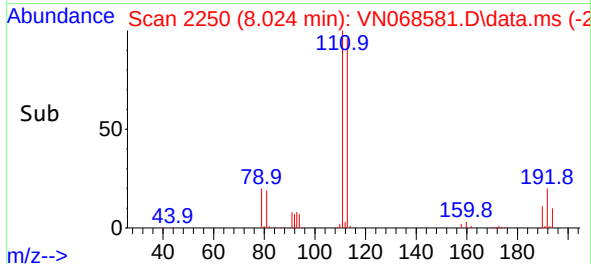
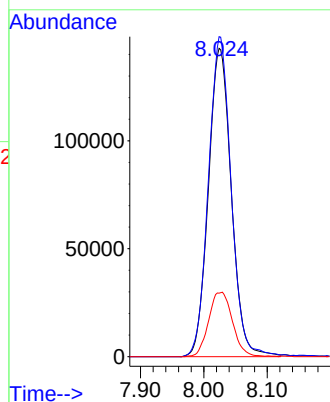
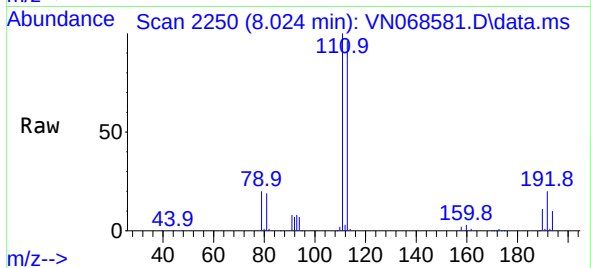


#35
 Dibromofluoromethane
 Concen: 52.643 ug/l
 RT: 8.024 min Scan# 2250
 Delta R.T. -0.000 min
 Lab File: VN068581.D
 Acq: 21 Sep 2021 14:46

Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion: 113 Resp: 359780

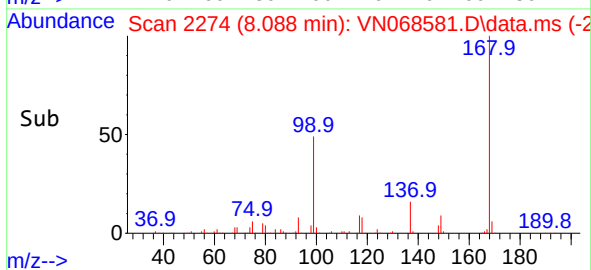
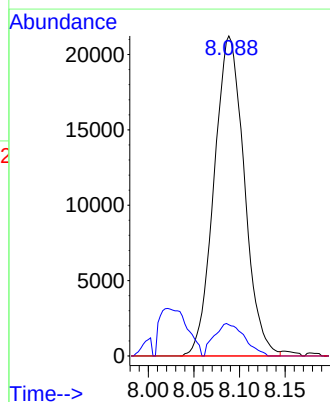
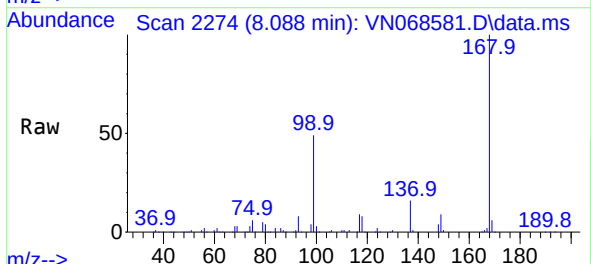
Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.1	121.7
192	21.7	17.7	26.5

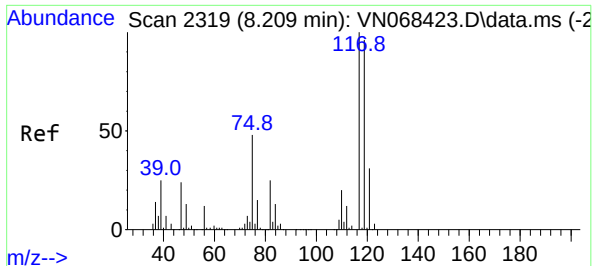


#36
 1,1-Dichloropropene
 Concen: 5.178 ug/l
 RT: 8.088 min Scan# 2274
 Delta R.T. -0.137 min
 Lab File: VN068581.D
 Acq: 21 Sep 2021 14:46

Tgt Ion: 75 Resp: 48917

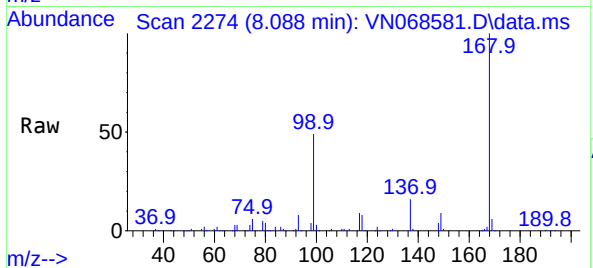
Ion	Ratio	Lower	Upper
75	100		
110	10.1	20.8	62.5#
77	0.0	25.0	37.6#



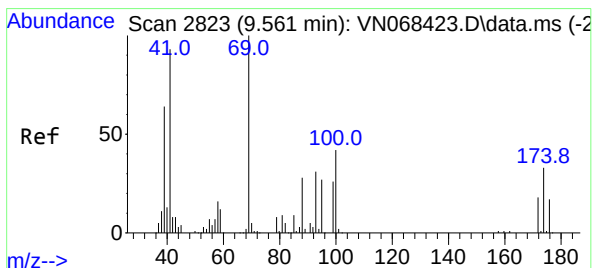
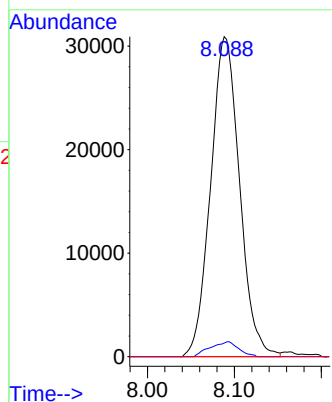
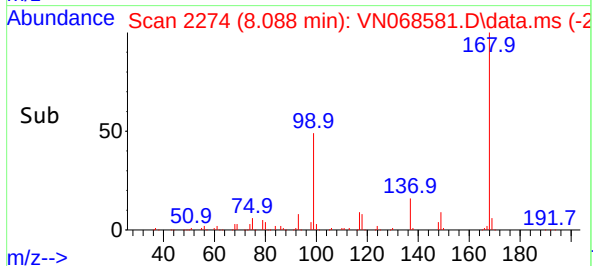


#38
Carbon Tetrachloride
Concen: 6.315 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.121 min
Lab File: VN068581.D
Acq: 21 Sep 2021 14:46

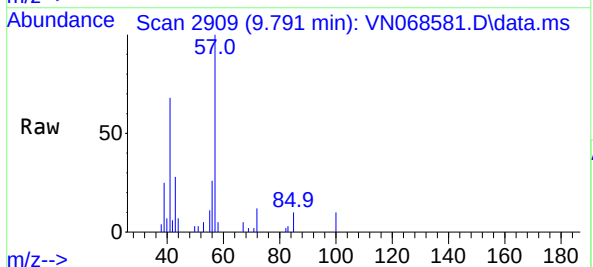
Instrument :
MSVOA_N
ClientSampled :



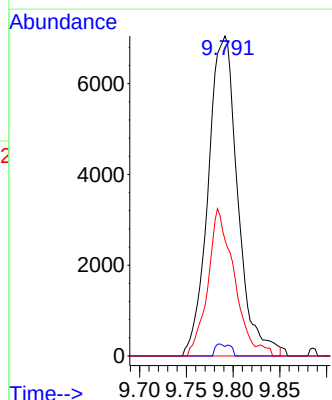
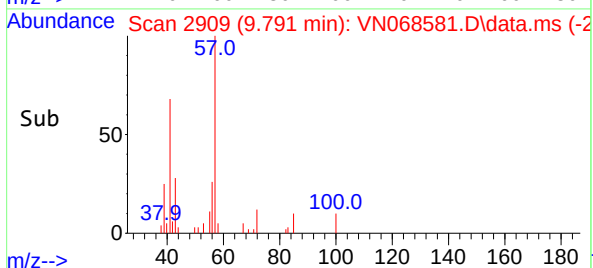
Tgt Ion: 117 Resp: 71474
Ion Ratio Lower Upper
117 100
119 4.2 76.6 114.8#
121 0.0 24.5 36.7#

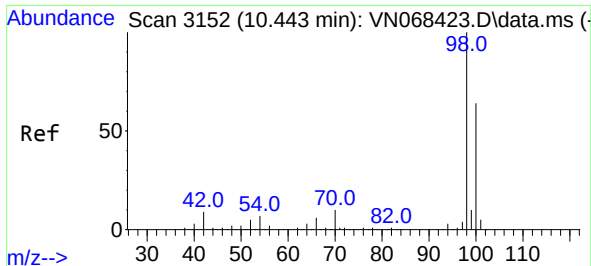


#48
Methyl methacrylate
Concen: 2.931 ug/l
RT: 9.791 min Scan# 2909
Delta R.T. 0.230 min
Lab File: VN068581.D
Acq: 21 Sep 2021 14:46



Tgt Ion: 41 Resp: 15518
Ion Ratio Lower Upper
41 100
69 1.2 82.9 124.3#
39 40.1 50.3 75.5#

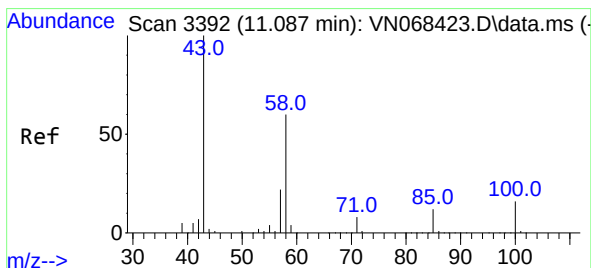
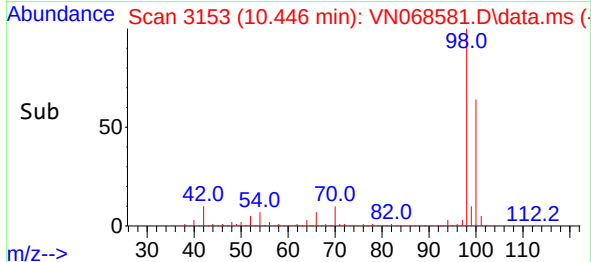
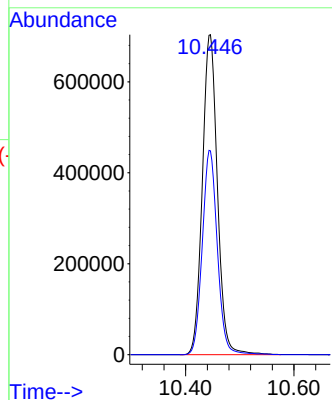
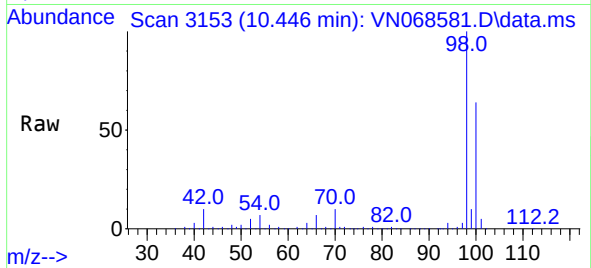




#50
Toluene-d8
Concen: 48.705 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN068581.D
Acq: 21 Sep 2021 14:46

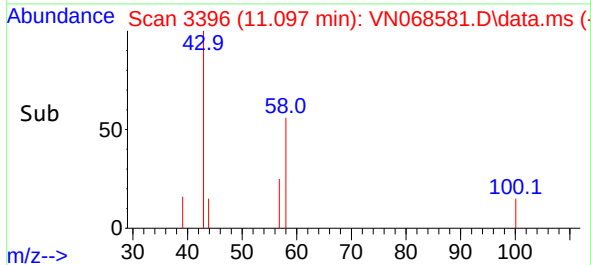
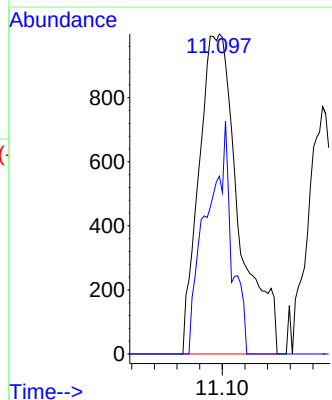
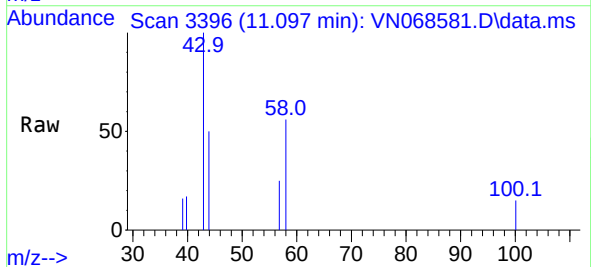
Instrument :
MSVOA_N
ClientSampled :

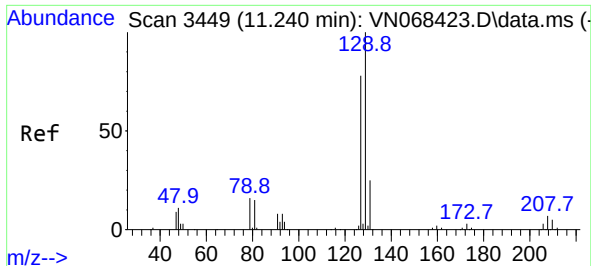
Tgt Ion: 98 Resp: 1362411
Ion Ratio Lower Upper
98 100
100 63.8 51.0 76.6



#59
2-Hexanone
Concen: 0.503 ug/l
RT: 11.097 min Scan# 3396
Delta R.T. 0.010 min
Lab File: VN068581.D
Acq: 21 Sep 2021 14:46

Tgt Ion: 43 Resp: 2439
Ion Ratio Lower Upper
43 100
58 45.5 30.0 90.1

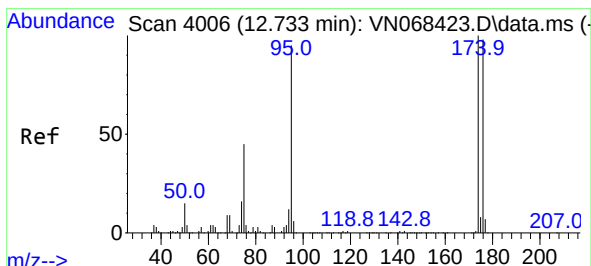
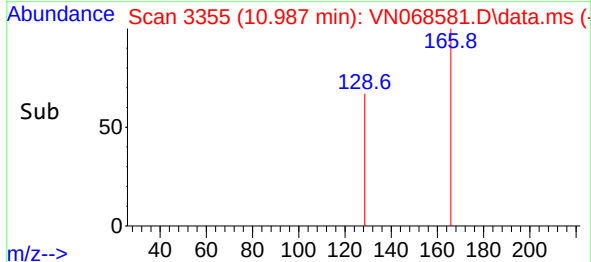
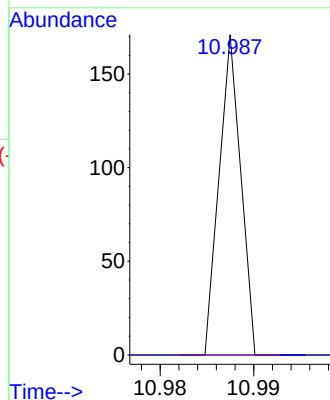
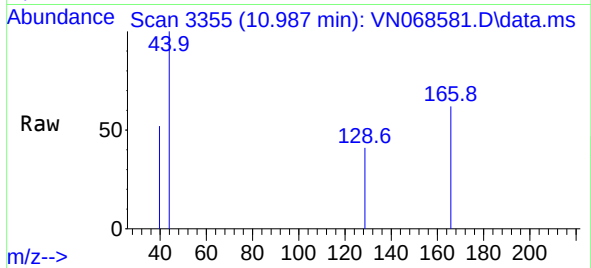




#60
Dibromochloromethane
Concen: 1.805 ug/l
RT: 10.987 min Scan# 3355
Delta R.T. -0.253 min
Lab File: VN068581.D
Acq: 21 Sep 2021 14:46

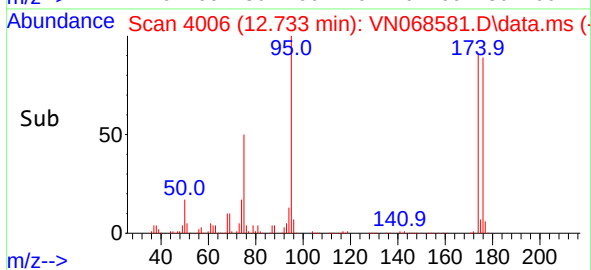
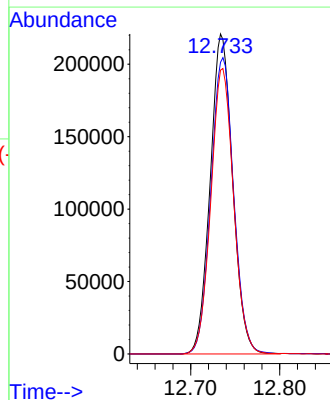
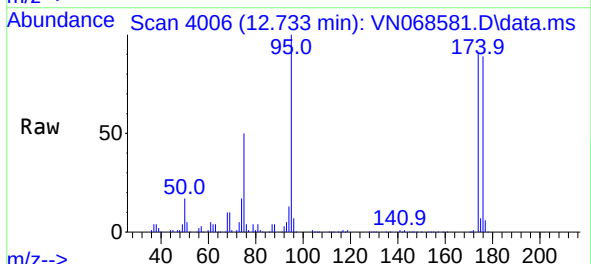
Instrument :
MSVOA_N
ClientSampled :

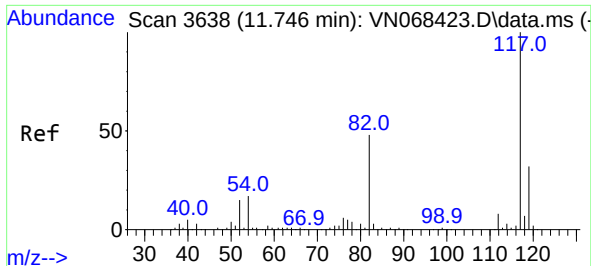
Tgt Ion:129 Resp: 27
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.3#



#62
4-Bromofluorobenzene
Concen: 42.542 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN068581.D
Acq: 21 Sep 2021 14:46

Tgt Ion: 95 Resp: 386819
Ion Ratio Lower Upper
95 100
174 94.5 0.0 214.0
176 90.3 0.0 205.4

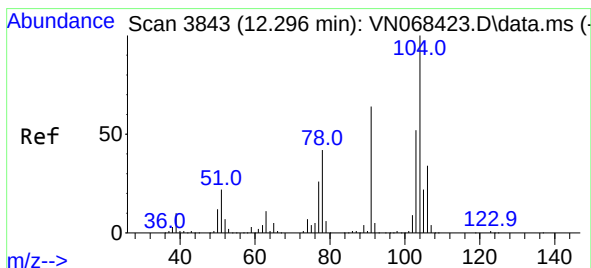
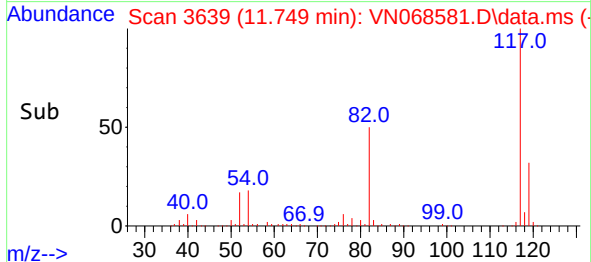
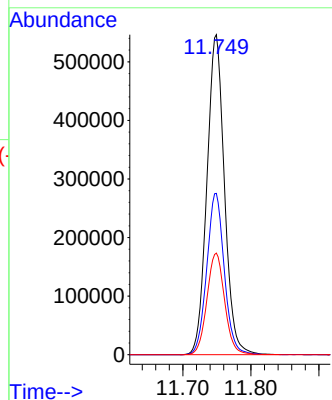
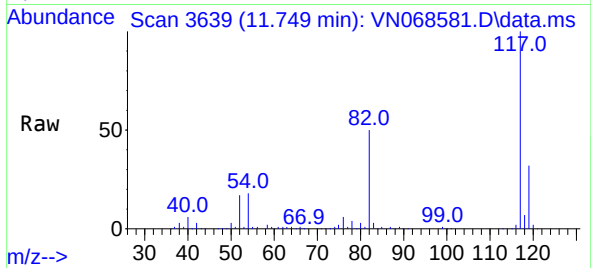




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN068581.D
Acq: 21 Sep 2021 14:46

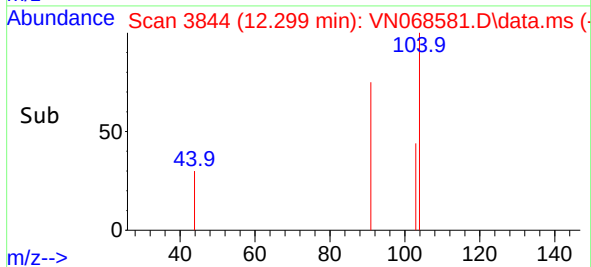
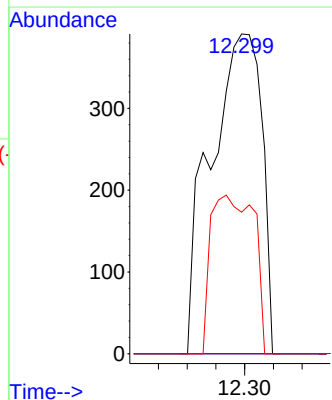
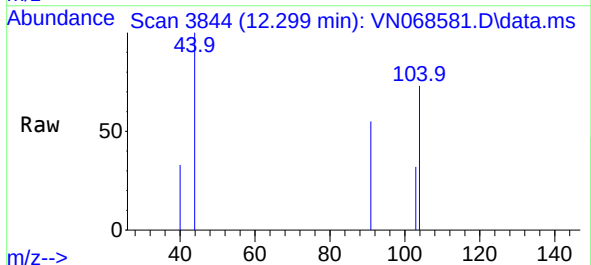
Instrument :
MSVOA_N
ClientSampleId :

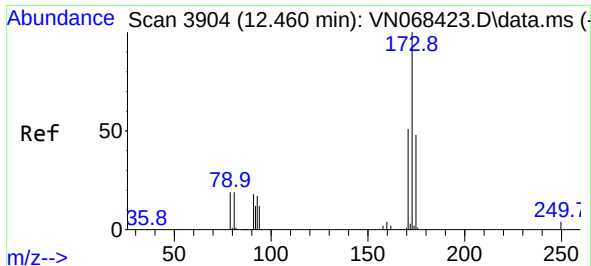
Tgt Ion:117 Resp: 980120
Ion Ratio Lower Upper
117 100
82 50.4 38.7 58.1
119 31.8 25.5 38.3



#70
Styrene
Concen: 1.774 ug/l
RT: 12.299 min Scan# 3844
Delta R.T. 0.003 min
Lab File: VN068581.D
Acq: 21 Sep 2021 14:46

Tgt Ion:104 Resp: 485
Ion Ratio Lower Upper
104 100
78 0.0 36.2 54.2#
103 41.6 44.4 66.6#

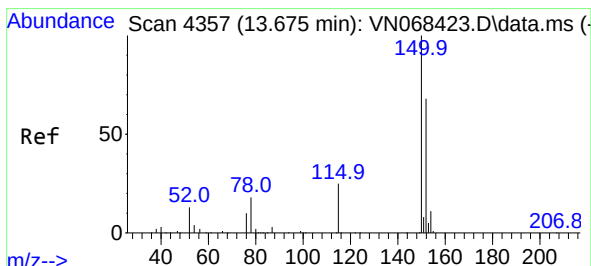
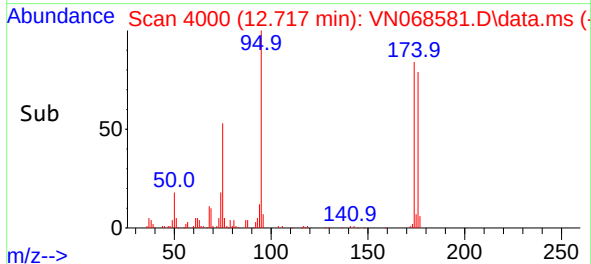
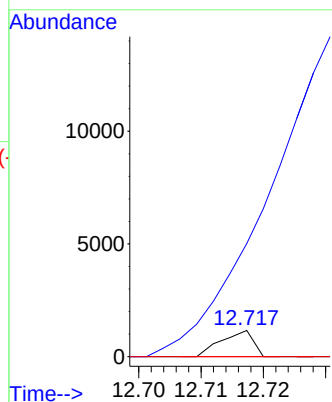
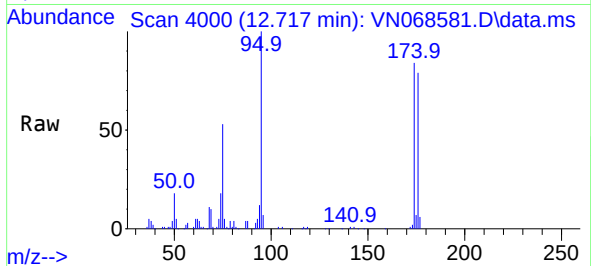




#71
Bromoform
Concen: 2.579 ug/l
RT: 12.717 min Scan# 4000
Delta R.T. 0.257 min
Lab File: VN068581.D
Acq: 21 Sep 2021 14:46

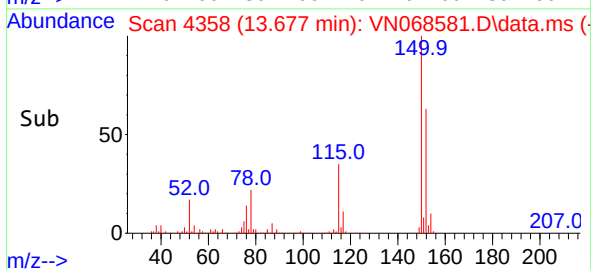
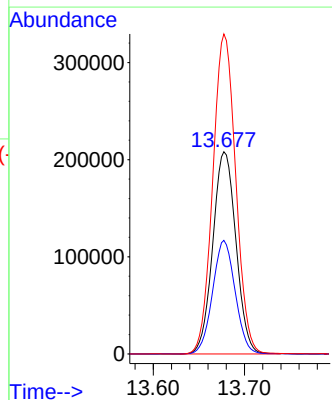
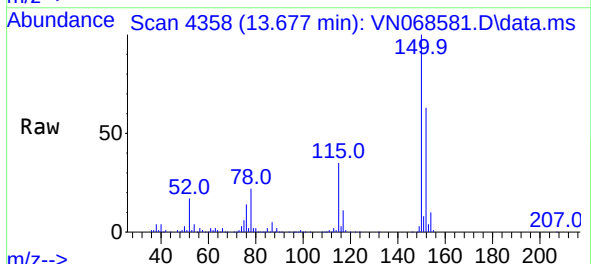
Instrument :
MSVOA_N
ClientSampleId :

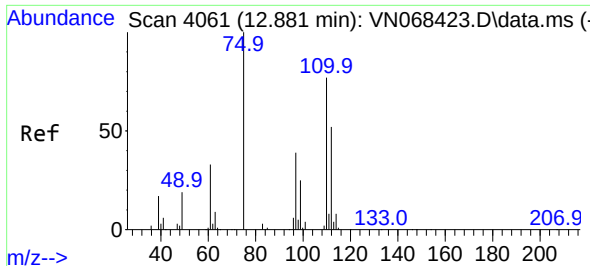
Tgt Ion:173 Resp: 417
Ion Ratio Lower Upper
173 100
175 5863.8 24.1 72.3#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.002 min
Lab File: VN068581.D
Acq: 21 Sep 2021 14:46

Tgt Ion:152 Resp: 367964
Ion Ratio Lower Upper
152 100
115 54.8 25.6 76.6
150 156.7 0.0 346.8

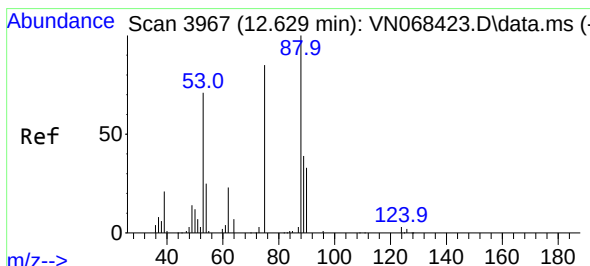
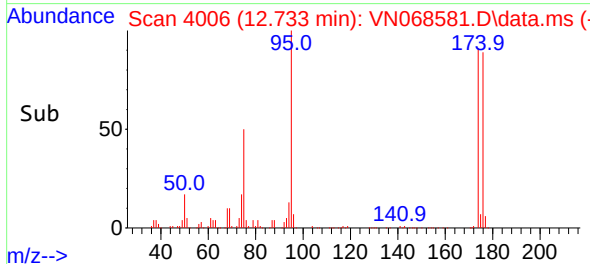
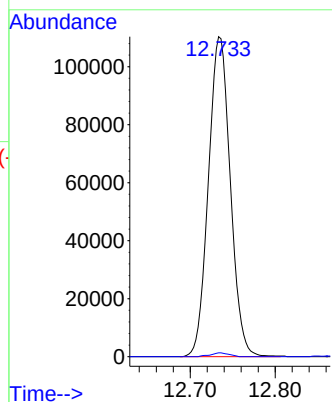
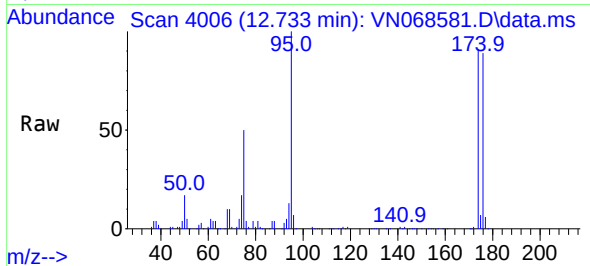




#76
1,2,3-Trichloropropane
Concen: 38.828 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.148 min
Lab File: VN068581.D
Acq: 21 Sep 2021 14:46

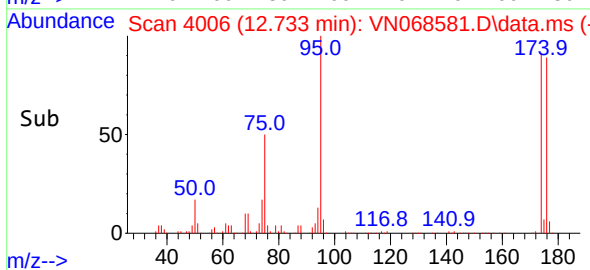
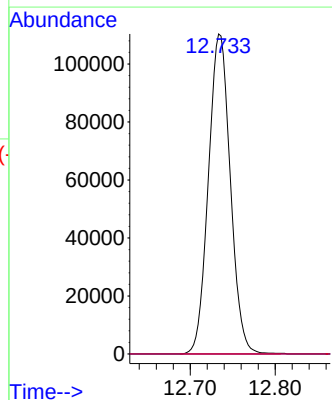
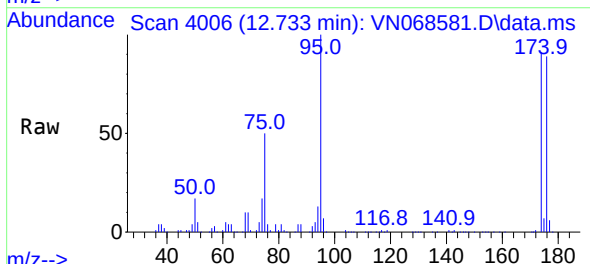
Instrument :
MSVOA_N
ClientSampled :

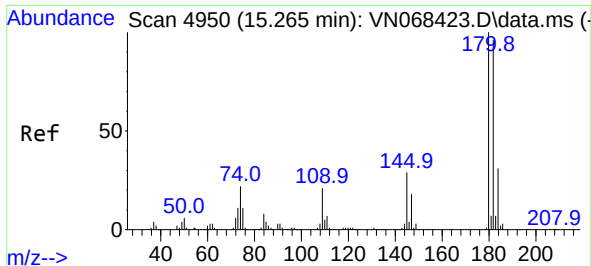
Tgt Ion: 75 Resp: 197716
Ion Ratio Lower Upper
75 100
77 1.0 100.9 302.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 119.081 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.104 min
Lab File: VN068581.D
Acq: 21 Sep 2021 14:46

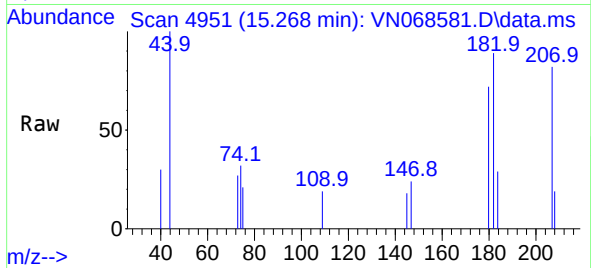
Tgt Ion: 75 Resp: 197716
Ion Ratio Lower Upper
75 100
53 0.0 70.6 105.8#
89 0.0 39.5 59.3#



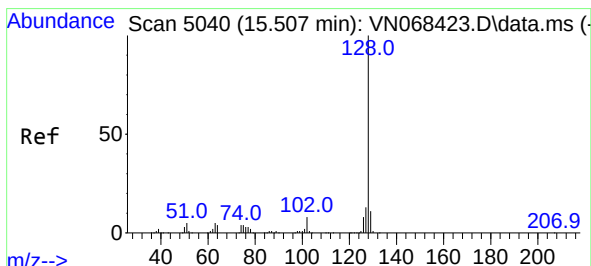
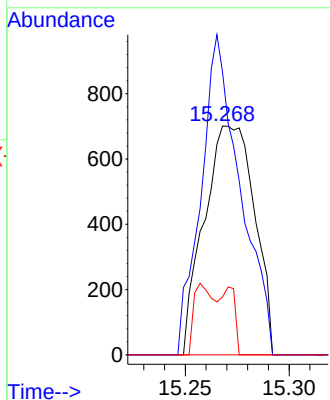
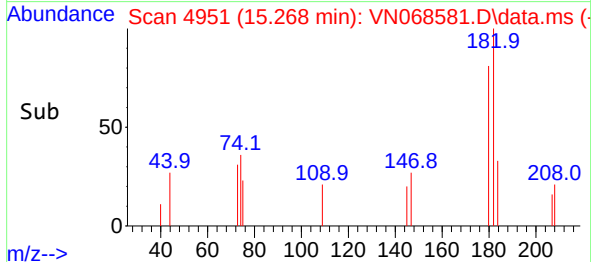


#93
1,2,4-Trichlorobenzene
Concen: 3.121 ug/l
RT: 15.268 min Scan# 4951
Delta R.T. 0.003 min
Lab File: VN068581.D
Acq: 21 Sep 2021 14:46

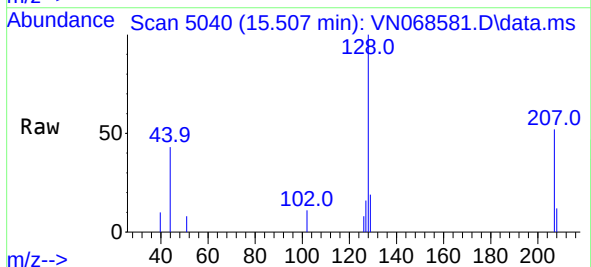
Instrument :
MSVOA_N
ClientSampled :



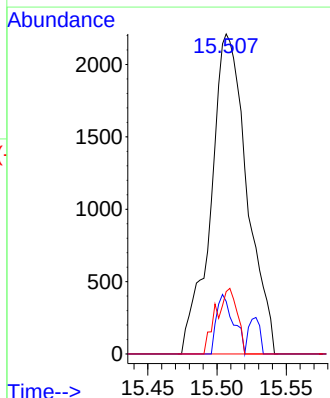
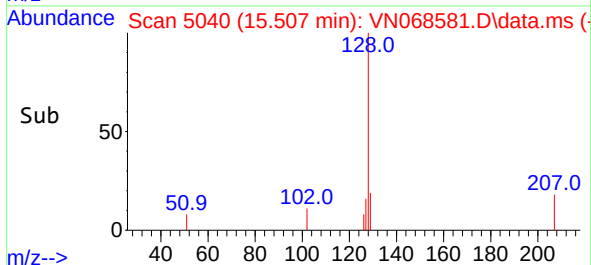
Tgt Ion:180 Resp: 1183
Ion Ratio Lower Upper
180 100
182 108.5 47.5 142.6
145 12.8 14.1 42.4#

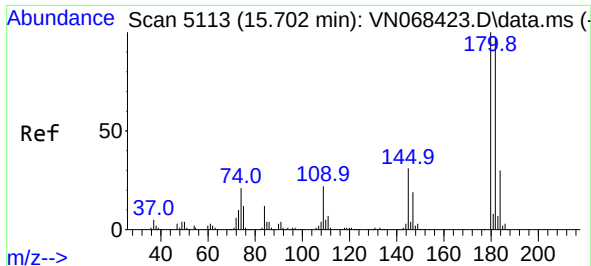


#95
Naphthalene
Concen: 3.753 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN068581.D
Acq: 21 Sep 2021 14:46



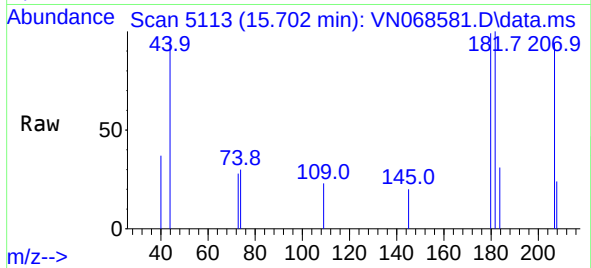
Tgt Ion:128 Resp: 4017
Ion Ratio Lower Upper
128 100
127 8.7 10.6 15.8#
129 11.9 8.6 13.0





#96
1,2,3-Trichlorobenzene
Concen: 3.191 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. 0.000 min
Lab File: VN068581.D
Acq: 21 Sep 2021 14:46

Instrument :
MSVOA_N
ClientSampled :



Tgt Ion:180 Resp: 1494
Ion Ratio Lower Upper
180 100
182 89.0 47.9 143.6
145 9.5 15.2 45.5#

