

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062321\
 Data File : VN067465.D
 Acq On : 23 Jun 2021 18:29
 Operator : JC/MD
 Sample : M2804-05 10X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 24 05:04:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 15 05:19:42 2021
 Response via : Initial Calibration

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

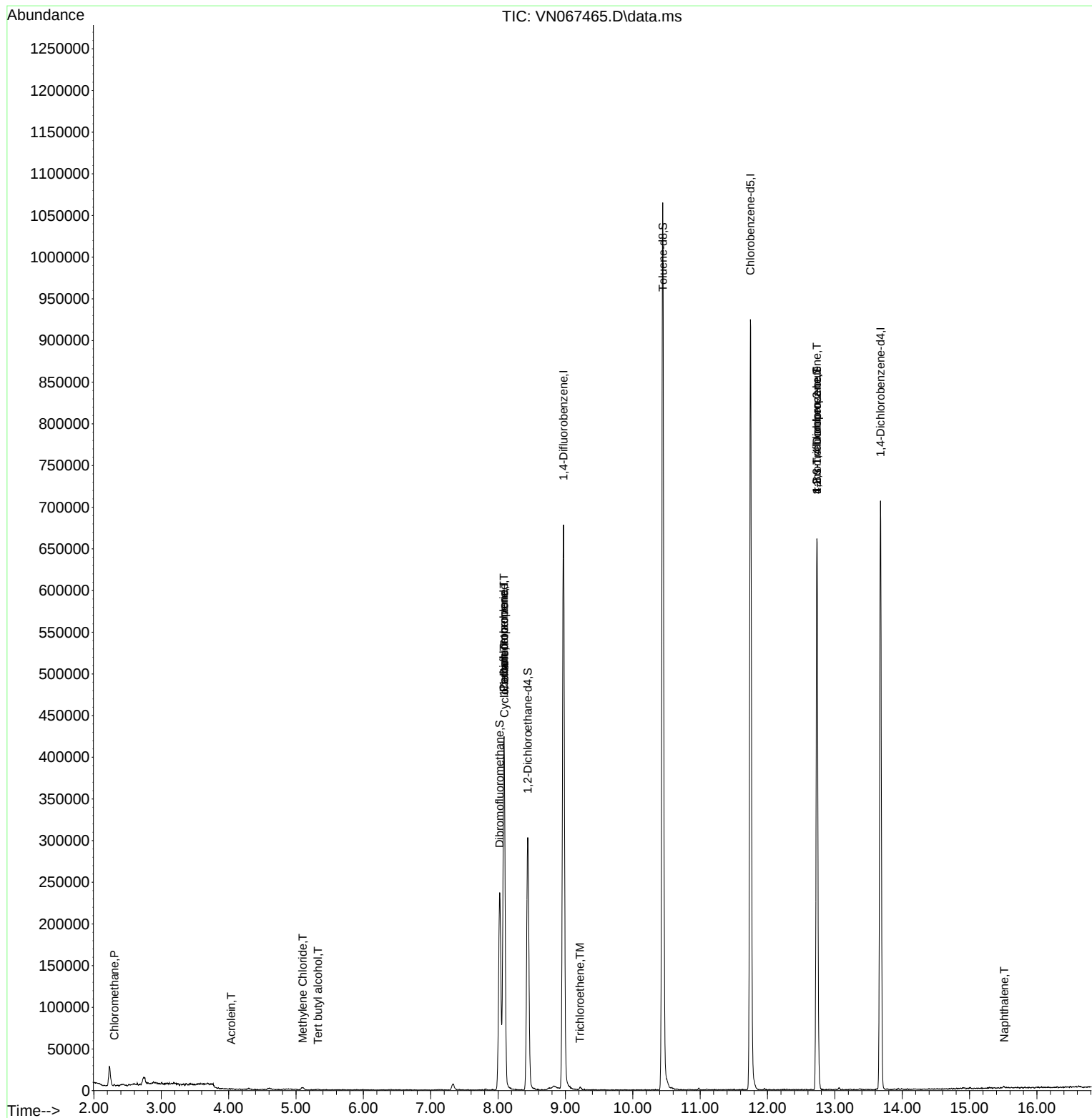
Internal Standards						
1) Pentafluorobenzene	8.088	168	266388	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	560166	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	493245	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	155496	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	255570	48.633	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.260%		
35) Dibromofluoromethane	8.024	113	170105	45.659	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	91.320%		
50) Toluene-d8	10.446	98	741924	51.958	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	103.920%		
62) 4-Bromofluorobenzene	12.734	95	247588	42.014	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	84.020%		
Target Compounds						Qvalue
3) Chloromethane	2.303	50	839	0.207	ug/l	96
11) Tert butyl alcohol	5.326	59	337	0.390	ug/l #	71
13) Acrolein	4.039	56	178	0.330	ug/l #	24
20) Methylene Chloride	5.098	84	1142	0.272	ug/l #	69
31) Cyclohexane	8.094	56	10134	1.419	ug/l #	21
36) 1,1-Dichloropropene	8.086	75	33119	5.274	ug/l #	51
38) Carbon Tetrachloride	8.088	117	33089	4.902	ug/l #	17
44) Trichloroethene	9.215	130	884	0.216	ug/l	96
76) 1,2,3-Trichloropropane	12.734	75	142287	35.237	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.734	75	142287	87.329	ug/l #	6
95) Naphthalene	15.515	128	1644	2.772	ug/l #	77

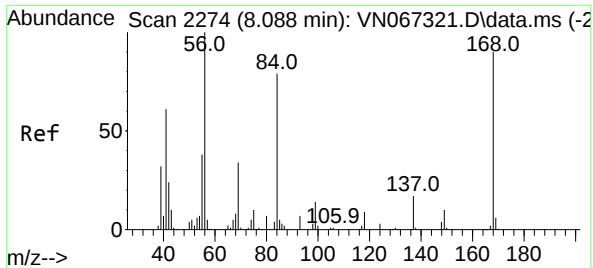
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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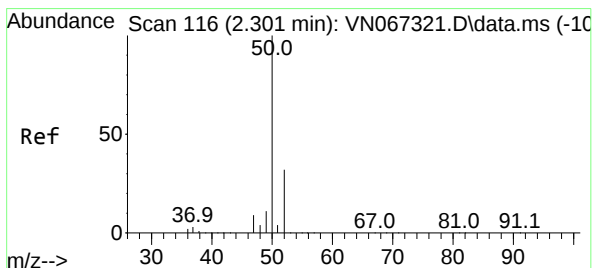
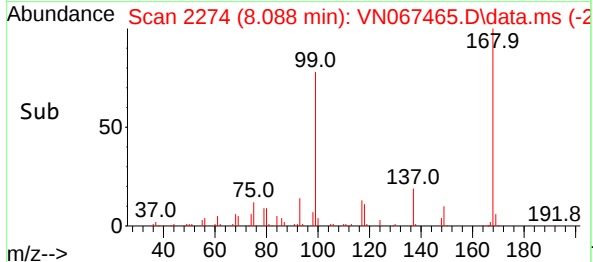
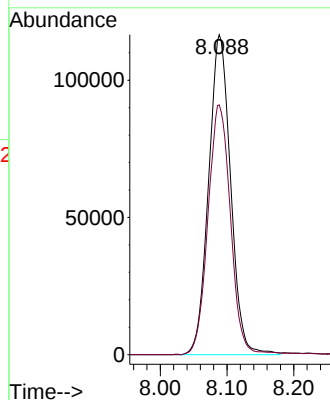
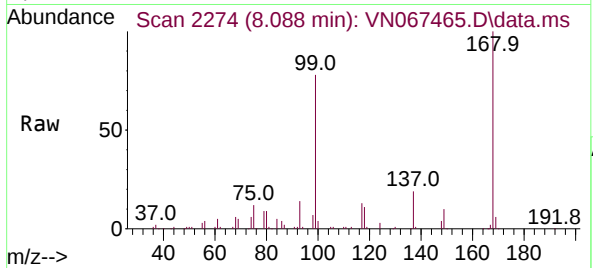




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN067465.D
Acq: 23 Jun 2021 18:29

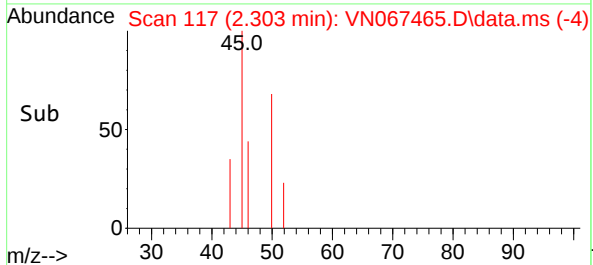
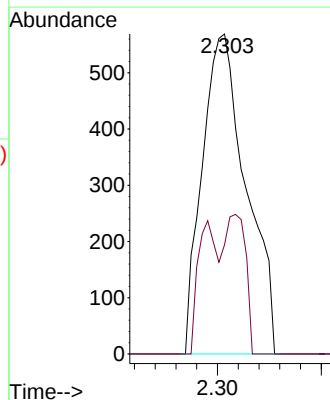
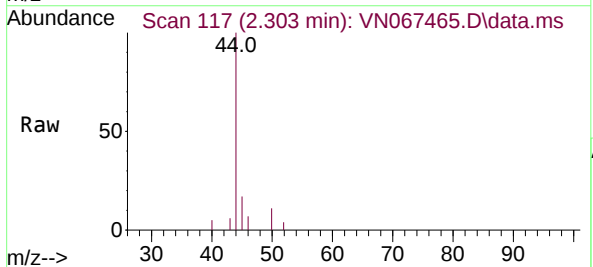
Instrument :
MSVOA_N
ClientSampled :

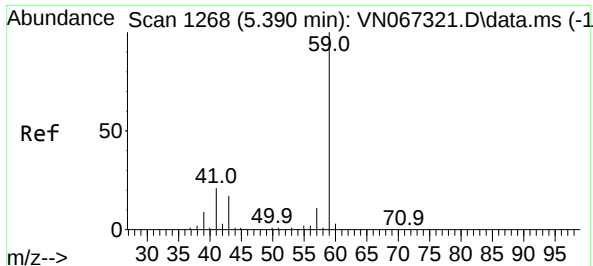
Tgt Ion:168 Resp: 266388
Ion Ratio Lower Upper
168 100
99 78.0 62.9 94.3



#3
Chloromethane
Concen: 0.207 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.002 min
Lab File: VN067465.D
Acq: 23 Jun 2021 18:29

Tgt Ion: 50 Resp: 839
Ion Ratio Lower Upper
50 100
52 34.1 25.6 38.4



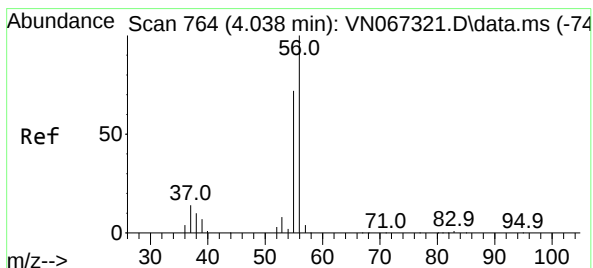
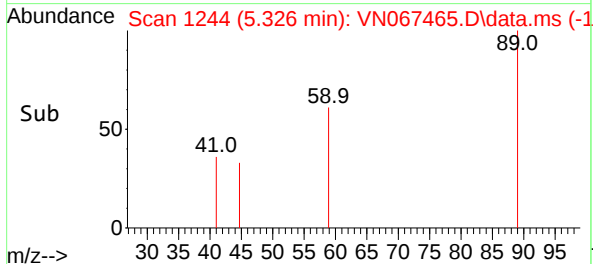
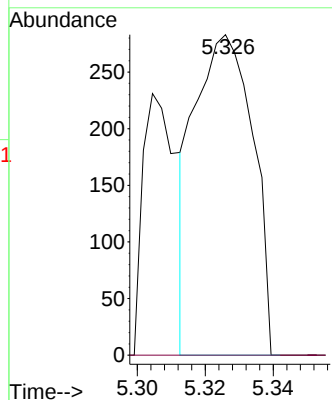
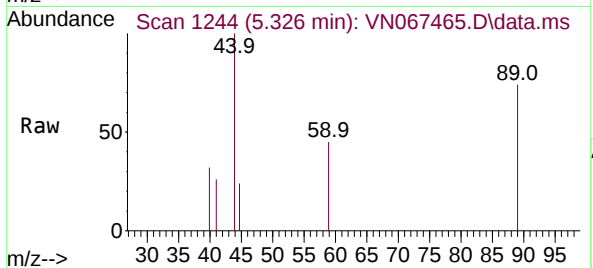


#11

Tert butyl alcohol
Concen: 0.390 ug/l
RT: 5.326 min Scan# 1244
Delta R.T. -0.064 min
Lab File: VN067465.D
Acq: 23 Jun 2021 18:29

Instrument :
MSVOA_N
ClientSampled :

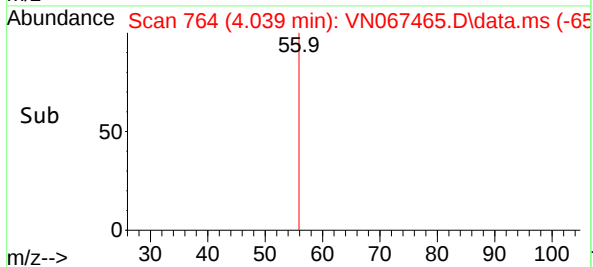
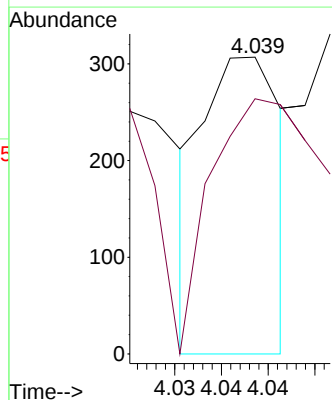
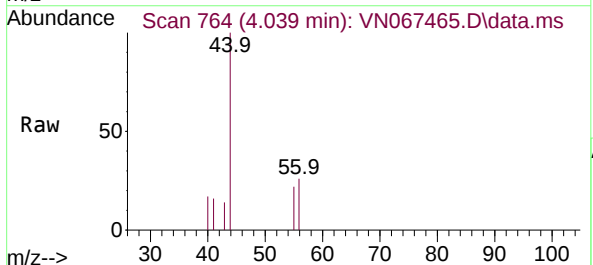
Tgt Ion: 59 Resp: 337
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

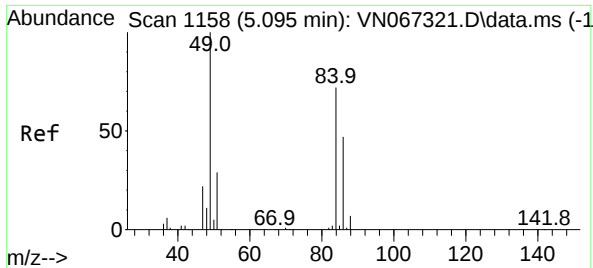


#13

Acrolein
Concen: 0.330 ug/l
RT: 4.039 min Scan# 764
Delta R.T. 0.001 min
Lab File: VN067465.D
Acq: 23 Jun 2021 18:29

Tgt Ion: 56 Resp: 178
Ion Ratio Lower Upper
56 100
55 134.8 57.4 86.0#





#20

Methylene Chloride

Concen: 0.272 ug/l

RT: 5.098 min Scan# 1159

Delta R.T. 0.003 min

Lab File: VN067465.D

Acq: 23 Jun 2021 18:29

Tgt Ion: 84 Resp: 1142

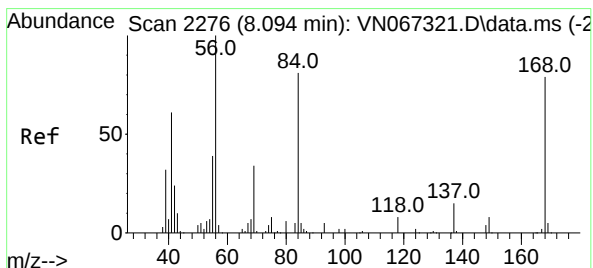
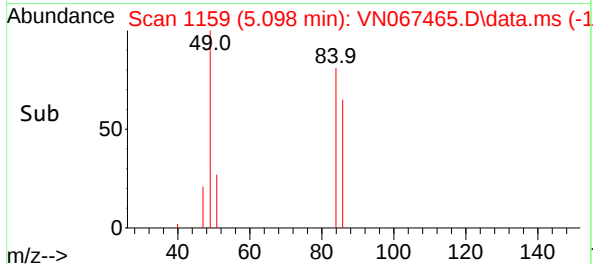
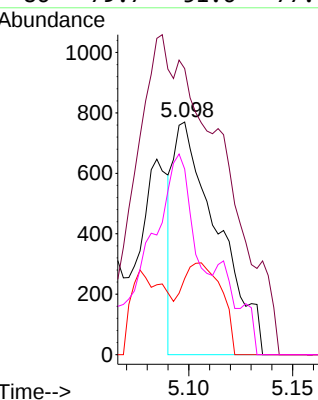
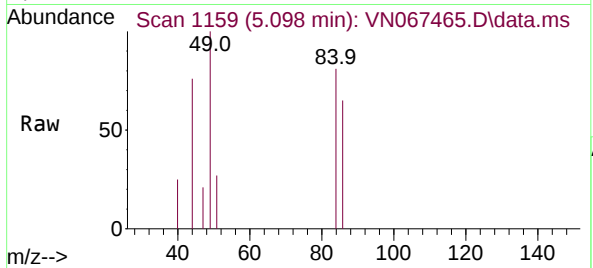
Ion Ratio Lower Upper

84 100

49 89.0 110.9 166.3#

51 32.7 32.6 49.0

86 79.7 51.6 77.4#



#31

Cyclohexane

Concen: 1.419 ug/l

RT: 8.094 min Scan# 2276

Delta R.T. -0.000 min

Lab File: VN067465.D

Acq: 23 Jun 2021 18:29

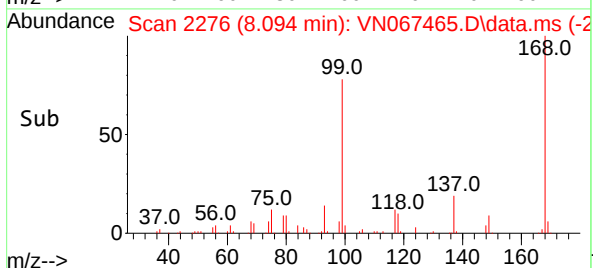
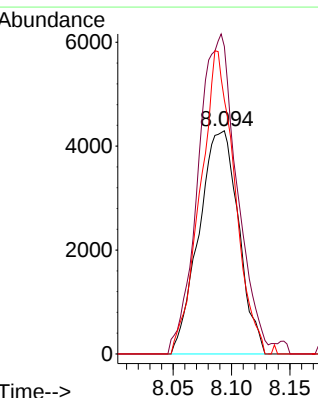
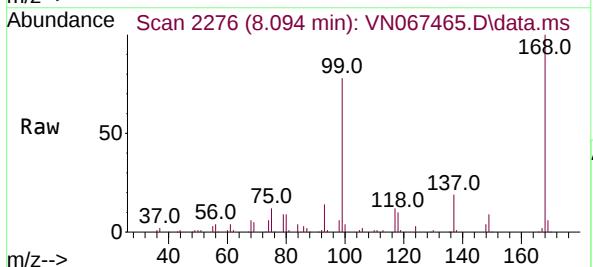
Tgt Ion: 56 Resp: 10134

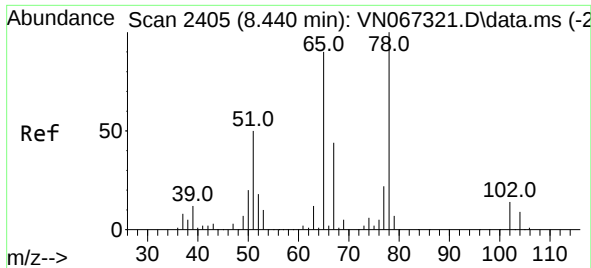
Ion Ratio Lower Upper

56 100

69 137.7 27.3 40.9#

84 113.7 64.9 97.3#

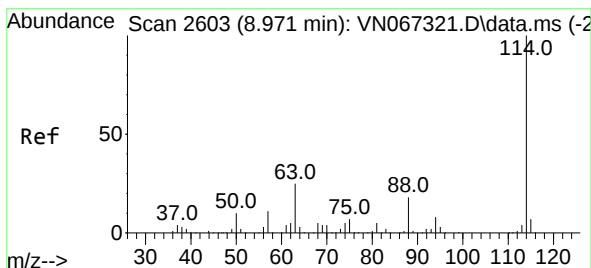
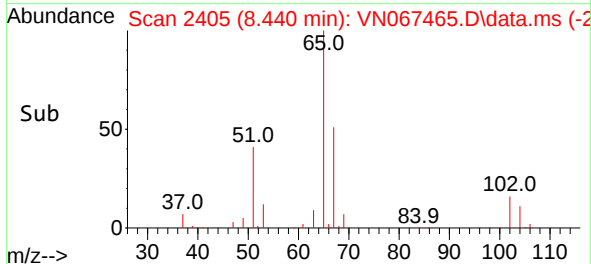
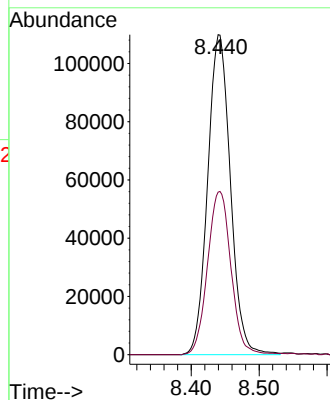
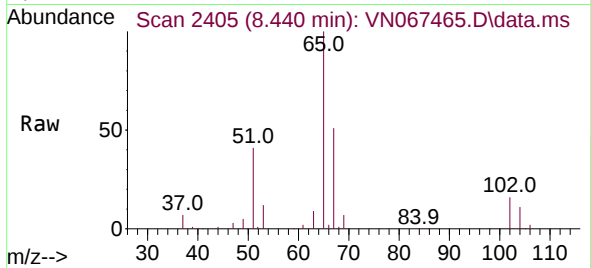




#33
 1,2-Dichloroethane-d4
 Concen: 48.633 ug/l
 RT: 8.440 min Scan# 2405
 Delta R.T. -0.000 min
 Lab File: VN067465.D
 Acq: 23 Jun 2021 18:29

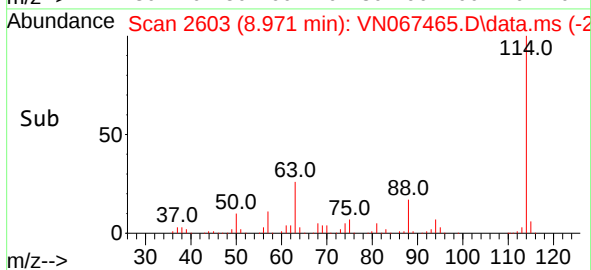
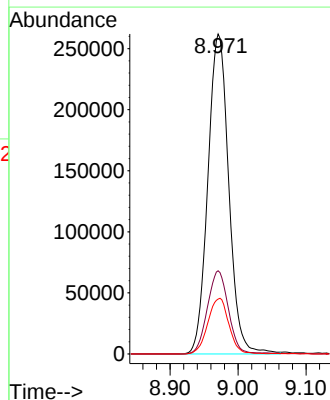
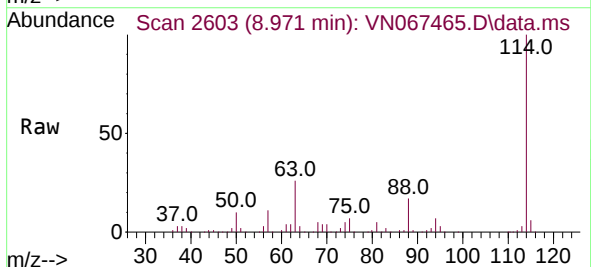
Instrument :
 MSVOA_N
 ClientSampled :

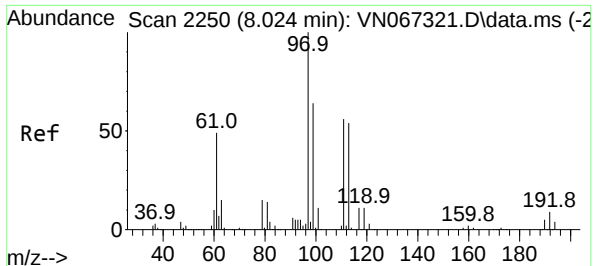
Tgt Ion: 65 Resp: 255570
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 98.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.971 min Scan# 2603
 Delta R.T. 0.000 min
 Lab File: VN067465.D
 Acq: 23 Jun 2021 18:29

Tgt Ion: 114 Resp: 560166
 Ion Ratio Lower Upper
 114 100
 63 26.0 0.0 49.0
 88 17.2 0.0 36.6

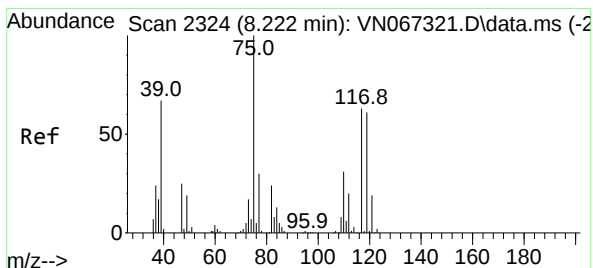
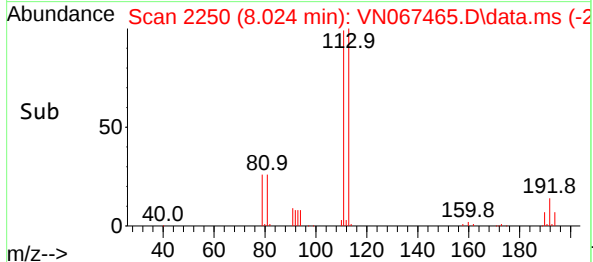
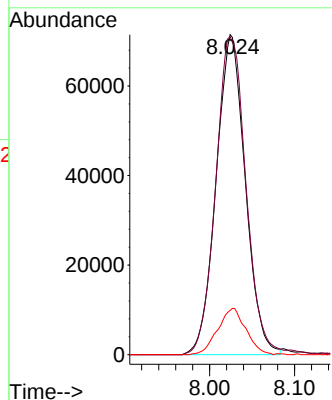
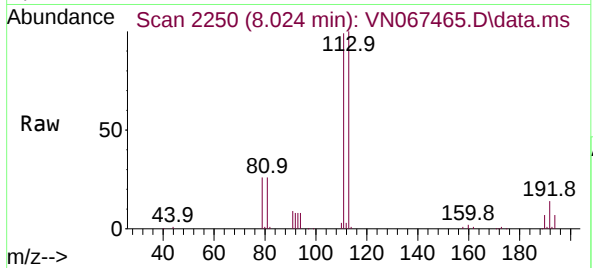




#35
Dibromofluoromethane
Concen: 45.659 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VN067465.D
Acq: 23 Jun 2021 18:29

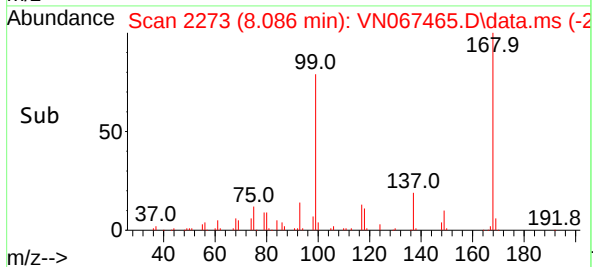
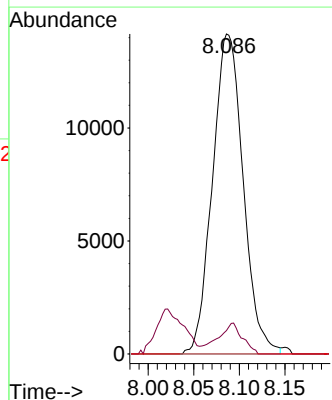
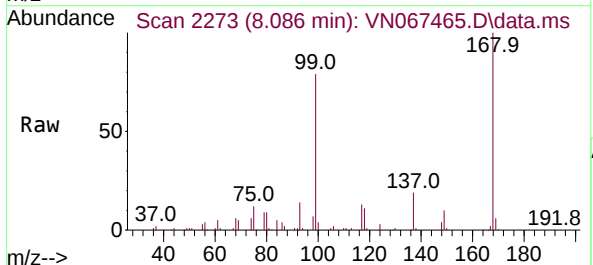
Instrument :
MSVOA_N
ClientSampleId :

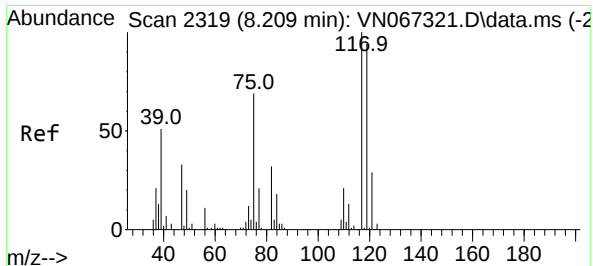
Tgt Ion:113 Resp: 170105
Ion Ratio Lower Upper
113 100
111 102.9 83.8 125.8
192 14.0 13.4 20.0



#36
1,1-Dichloropropene
Concen: 5.274 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.136 min
Lab File: VN067465.D
Acq: 23 Jun 2021 18:29

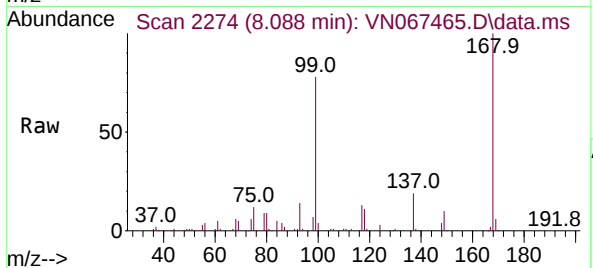
Tgt Ion: 75 Resp: 33119
Ion Ratio Lower Upper
75 100
110 7.6 15.7 47.0#
77 0.0 24.6 37.0#



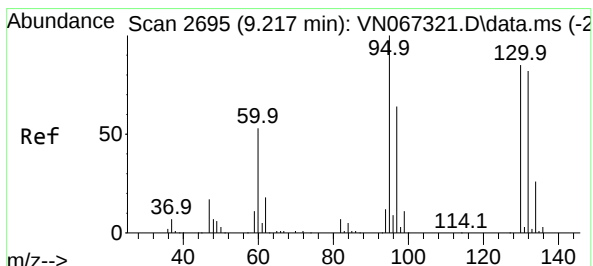
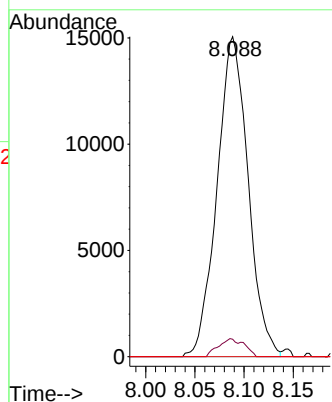
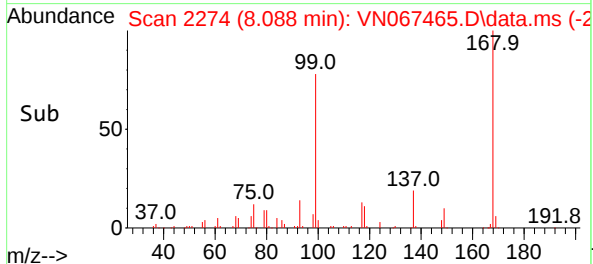


#38
Carbon Tetrachloride
Concen: 4.902 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.121 min
Lab File: VN067465.D
Acq: 23 Jun 2021 18:29

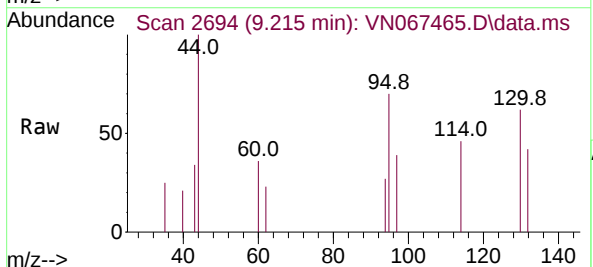
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MSVOA_N
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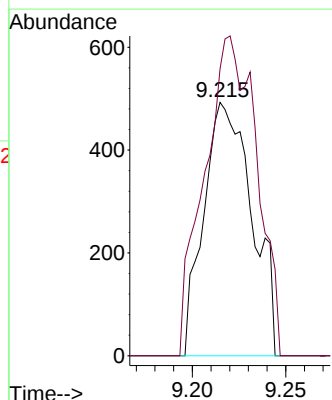
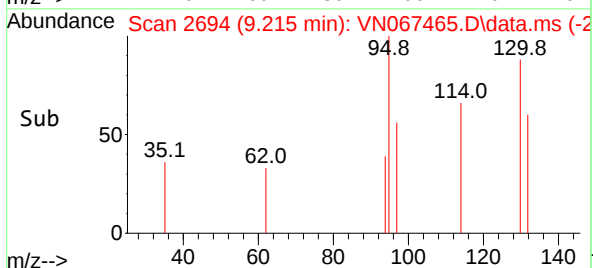
Tgt Ion:117 Resp: 33089
Ion Ratio Lower Upper
117 100
119 5.4 75.4 113.2#
121 0.0 23.5 35.3#

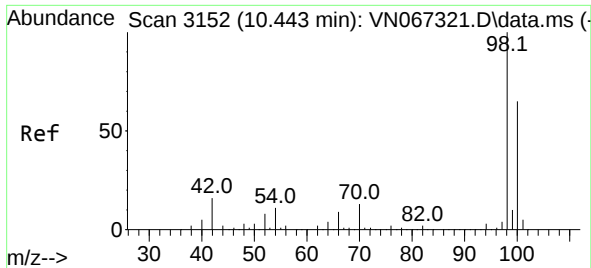


#44
Trichloroethene
Concen: 0.216 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.002 min
Lab File: VN067465.D
Acq: 23 Jun 2021 18:29



Tgt Ion:130 Resp: 884
Ion Ratio Lower Upper
130 100
95 113.2 0.0 234.4

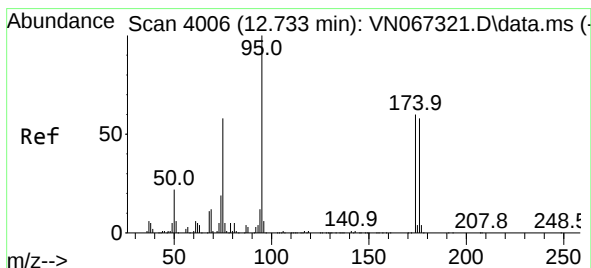
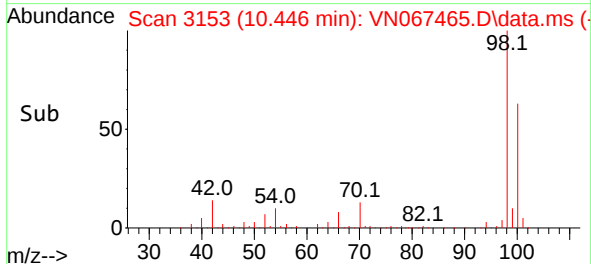
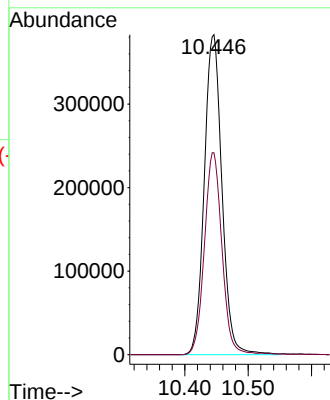
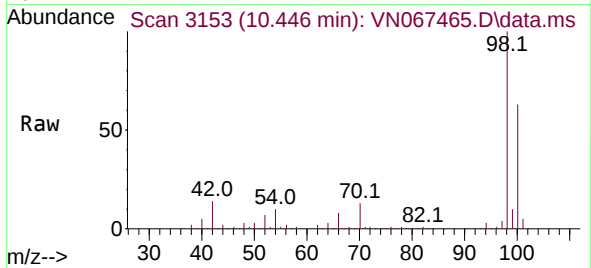




#50
Toluene-d8
Concen: 51.958 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN067465.D
Acq: 23 Jun 2021 18:29

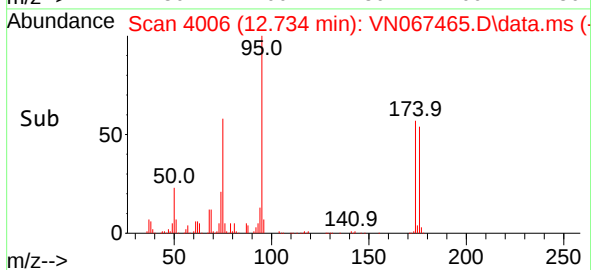
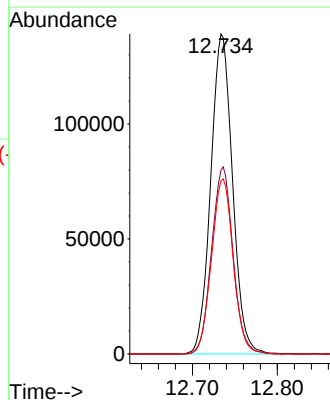
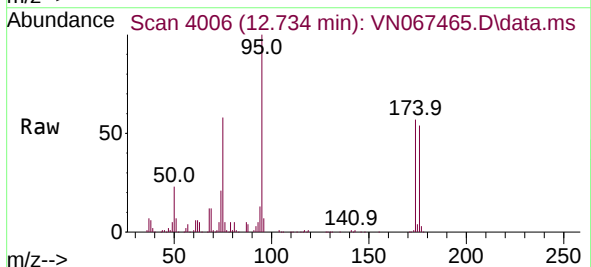
Instrument :
MSVOA_N
ClientSampled :

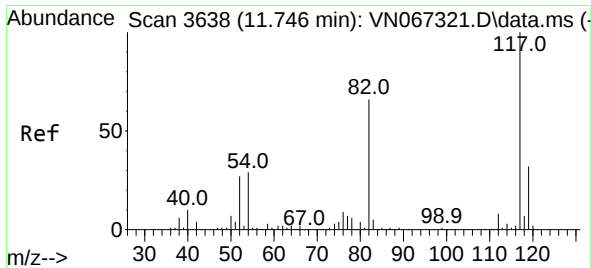
Tgt Ion: 98 Resp: 741924
Ion Ratio Lower Upper
98 100
100 62.3 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 42.014 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.001 min
Lab File: VN067465.D
Acq: 23 Jun 2021 18:29

Tgt Ion: 95 Resp: 247588
Ion Ratio Lower Upper
95 100
174 57.5 0.0 122.0
176 54.5 0.0 117.6

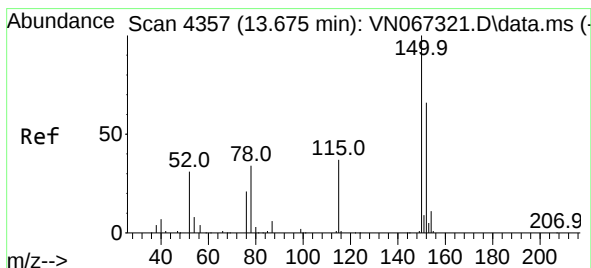
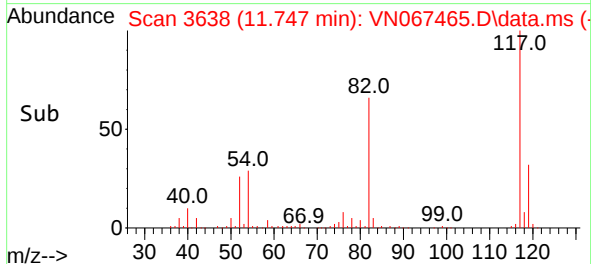
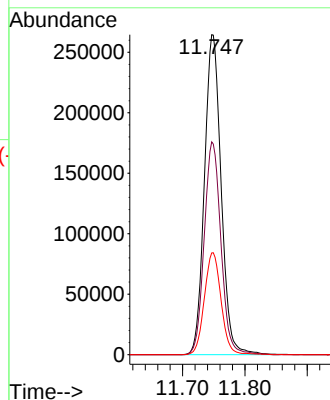
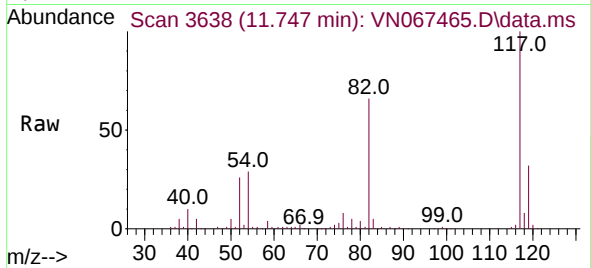




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN067465.D
Acq: 23 Jun 2021 18:29

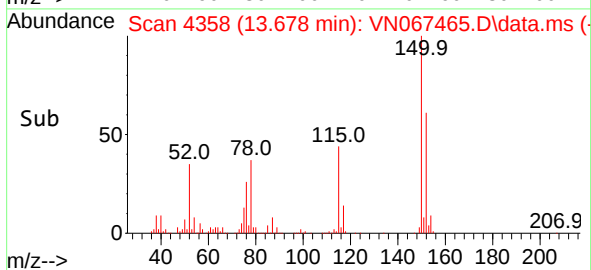
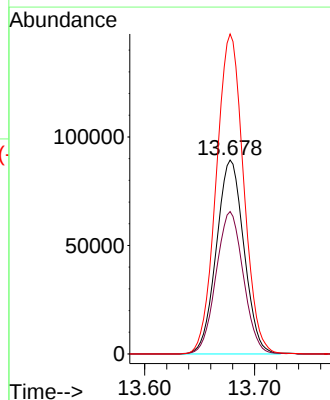
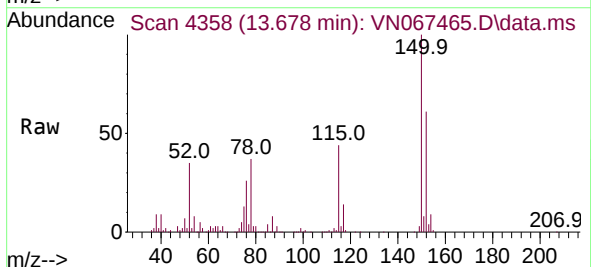
Instrument :
MSVOA_N
ClientSampleId :

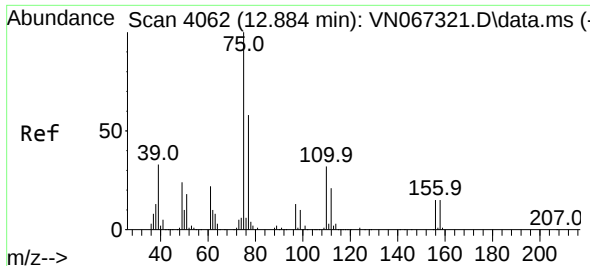
Tgt Ion:117 Resp: 493245
Ion Ratio Lower Upper
117 100
82 66.5 53.1 79.7
119 31.8 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN067465.D
Acq: 23 Jun 2021 18:29

Tgt Ion:152 Resp: 155496
Ion Ratio Lower Upper
152 100
115 72.8 36.1 108.5
150 163.8 0.0 351.8

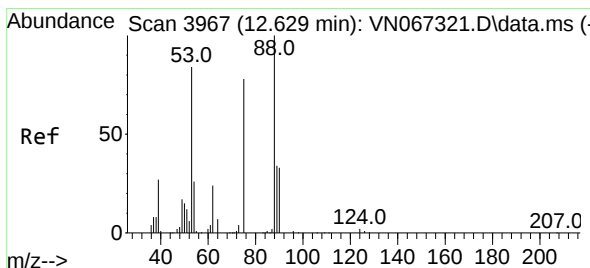
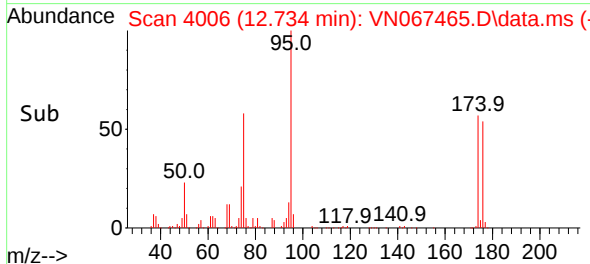
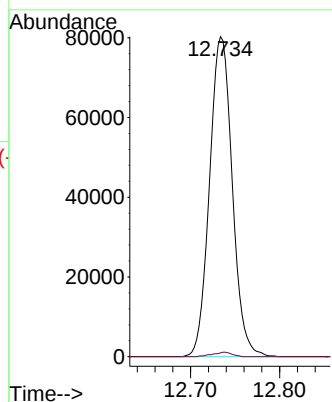
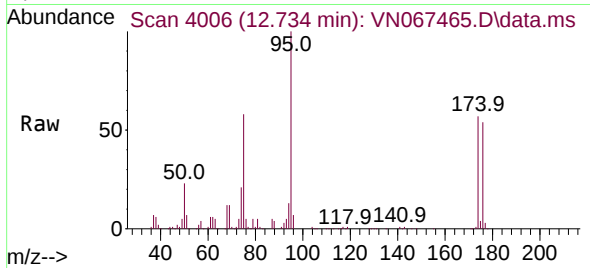




#76
1,2,3-Trichloropropane
Concen: 35.237 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.150 min
Lab File: VN067465.D
Acq: 23 Jun 2021 18:29

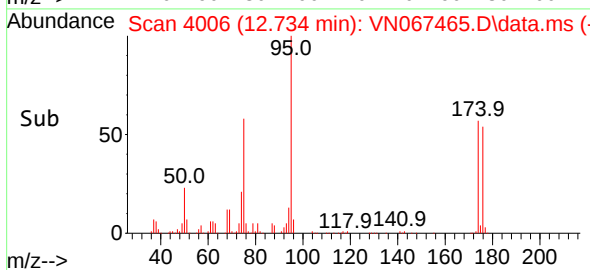
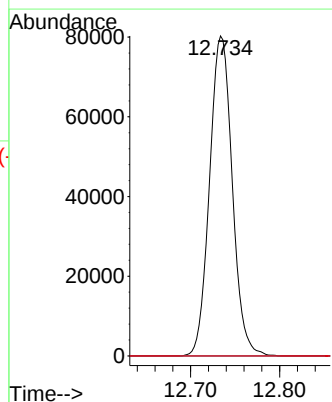
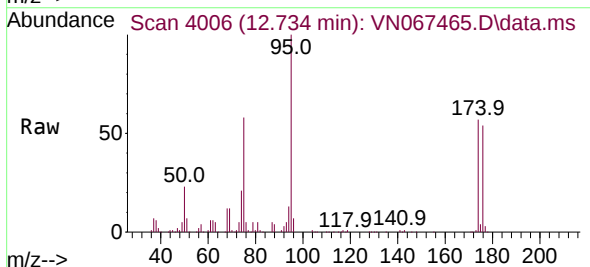
Instrument :
MSVOA_N
ClientSampleId :

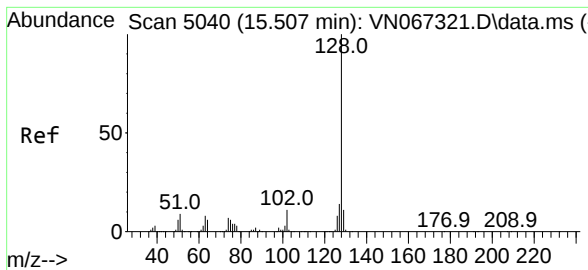
Tgt Ion: 75 Resp: 142287
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.329 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.105 min
Lab File: VN067465.D
Acq: 23 Jun 2021 18:29

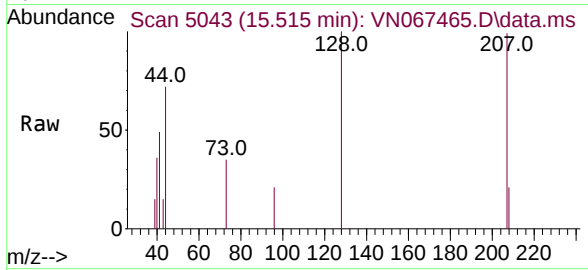
Tgt Ion: 75 Resp: 142287
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#





#95
Naphthalene
Concen: 2.772 ug/l
RT: 15.515 min Scan# 5043
Delta R.T. 0.008 min
Lab File: VN067465.D
Acq: 23 Jun 2021 18:29

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:	128	Resp:	1644
Ion	Ratio	Lower	Upper
128	100		
127	5.4	10.6	15.8#
129	0.0	8.6	12.8#

