

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110221\
 Data File : VN069345.D
 Acq On : 2 Nov 2021 13:50
 Operator : JC/MD
 Sample : M4438-06
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 03 00:48:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102821W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 28 16:09:15 2021
 Response via : Initial Calibration

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

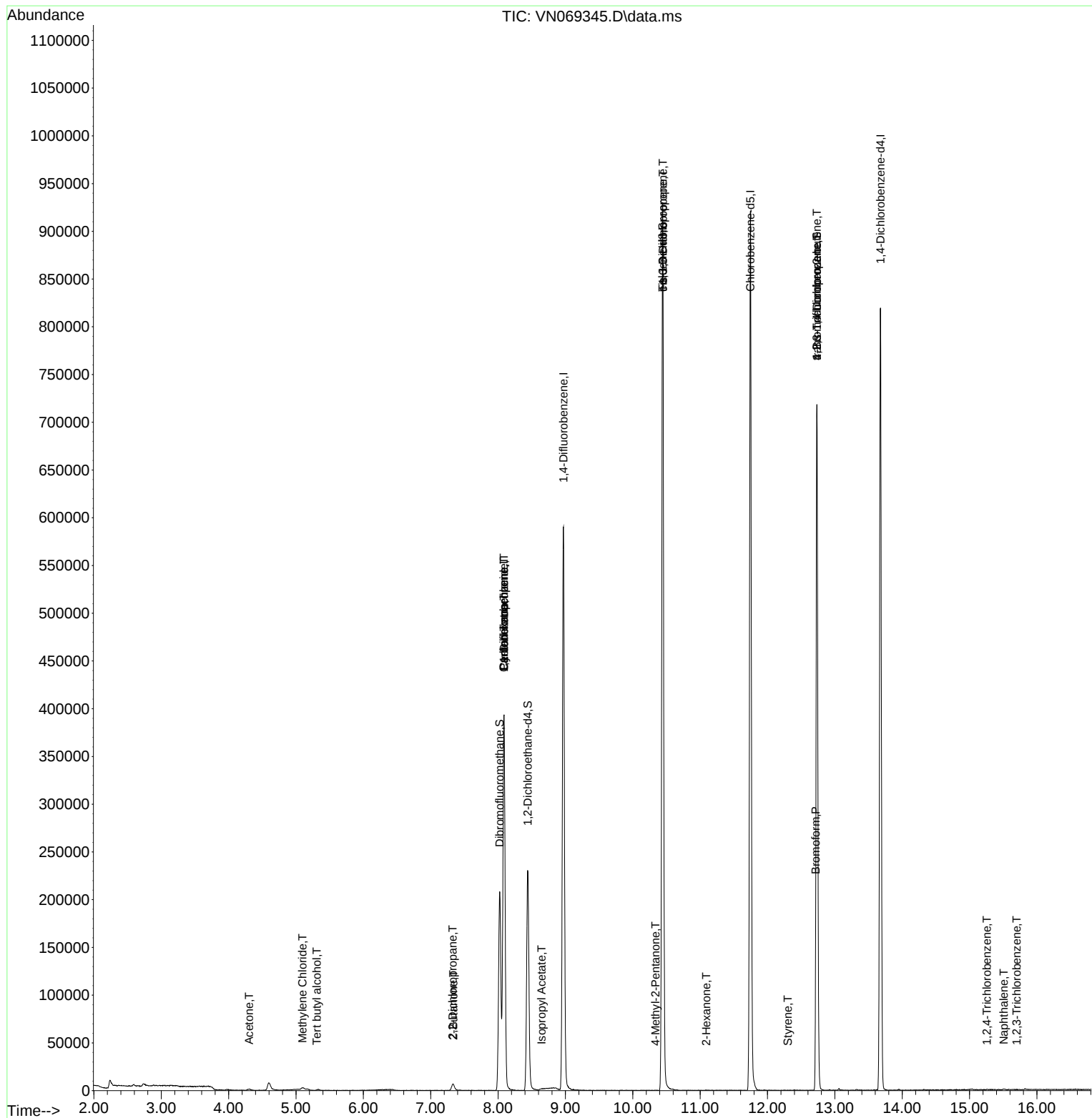
Internal Standards						
1) Pentafluorobenzene	8.088	168	294987	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	531394	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	545989	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	221799	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	205332	48.220	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.440%
35) Dibromofluoromethane	8.024	113	155220	46.858	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.720%
50) Toluene-d8	10.443	98	672455	50.773	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	101.540%
62) 4-Bromofluorobenzene	12.734	95	259119	51.846	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	103.700%
Target Compounds						
					Qvalue	
3) Chloromethane	2.309	50	632	Below Cal		99
11) Tert butyl alcohol	5.310	59	167	13.598	ug/l #	72
16) Acetone	4.304	43	2987	1.646	ug/l	90
20) Methylene Chloride	5.095	84	1278	0.367	ug/l	87
25) 2-Butanone	7.337	43	299	1.741	ug/l #	48
26) 2,2-Dichloropropane	7.327	77	317	0.894	ug/l #	53
31) Cyclohexane	8.088	56	6999	1.228	ug/l #	16
36) 1,1-Dichloropropene	8.086	75	24344	5.314	ug/l #	51
38) Carbon Tetrachloride	8.086	117	31009	6.841	ug/l #	16
43) Isopropyl Acetate	8.646	43	1442	0.616	ug/l #	55
51) 4-Methyl-2-Pentanone	10.339	43	207	6.436	ug/l #	36
53) t-1,3-Dichloropropene	10.446	75	52	1.947	ug/l #	29
54) cis-1,3-Dichloropropene	10.446	75	52	1.536	ug/l #	65
59) 2-Hexanone	11.090	43	457	8.098	ug/l #	25
70) Styrene	12.302	104	51	1.460	ug/l #	24
71) Bromoform	12.715	173	126	2.908	ug/l #	29
76) 1,2,3-Trichloropropane	12.734	75	138334	23.714	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.734	75	138334	68.138	ug/l #	12
93) 1,2,4-Trichlorobenzene	15.257	180	319	2.572	ug/l #	50
95) Naphthalene	15.507	128	1128	3.403	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.700	180	105	2.235	ug/l #	64

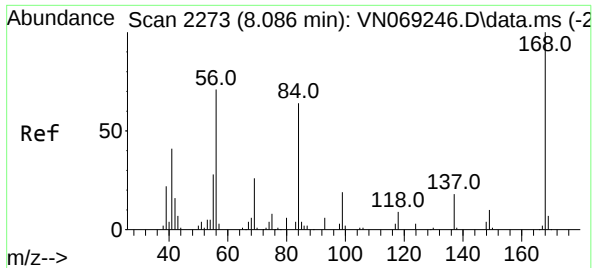
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110221\
Data File : VN069345.D
Acq On : 2 Nov 2021 13:50
Operator : JC/MD
Sample : M4438-06
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

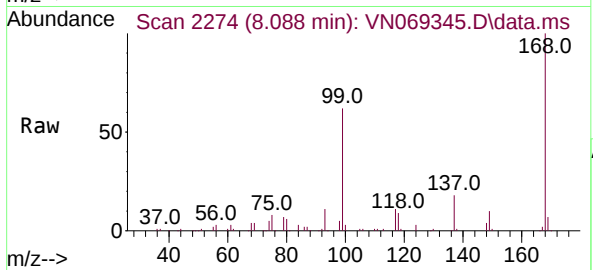
Quant Time: Nov 03 00:48:11 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102821W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 28 16:09:15 2021
Response via : Initial Calibration



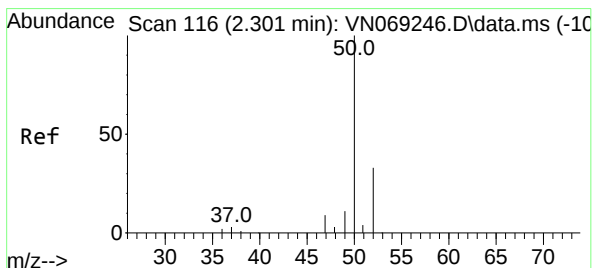
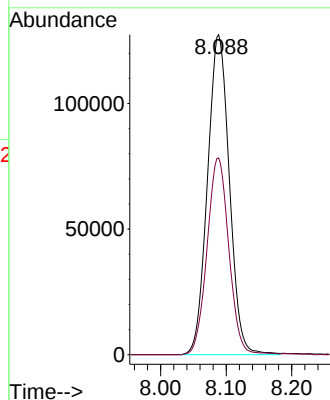
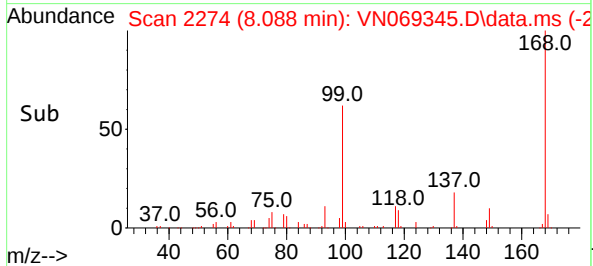


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069345.D
Acq: 2 Nov 2021 13:50

Instrument :
MSVOA_N
ClientSampleId :

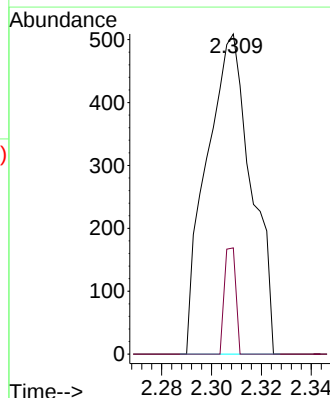
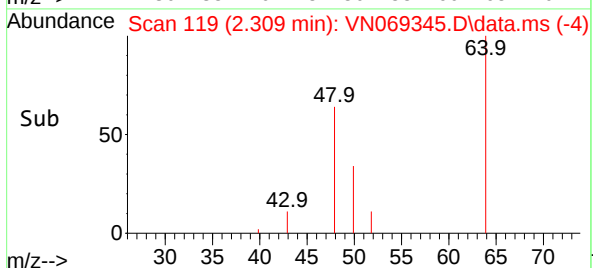
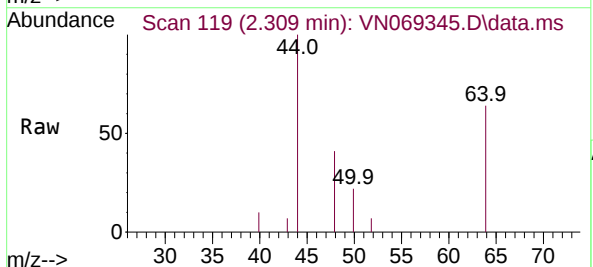


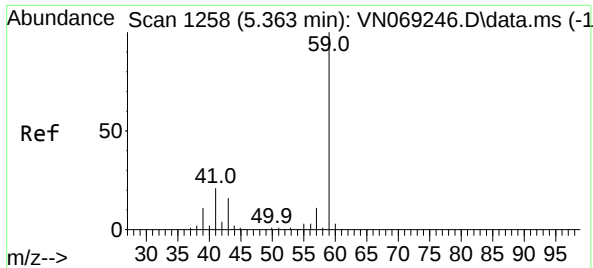
Tgt Ion:168 Resp: 294987
Ion Ratio Lower Upper
168 100
99 61.5 48.9 73.3



#3
Chloromethane
Concen: Below Cal
RT: 2.309 min Scan# 119
Delta R.T. 0.008 min
Lab File: VN069345.D
Acq: 2 Nov 2021 13:50

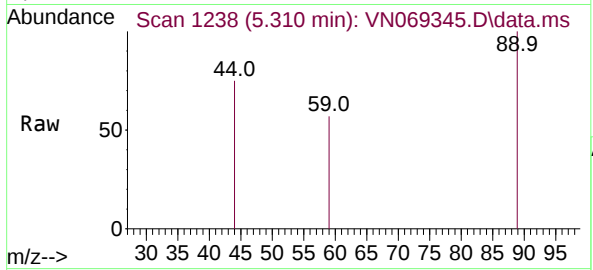
Tgt Ion: 50 Resp: 632
Ion Ratio Lower Upper
50 100
52 33.2 26.3 39.5



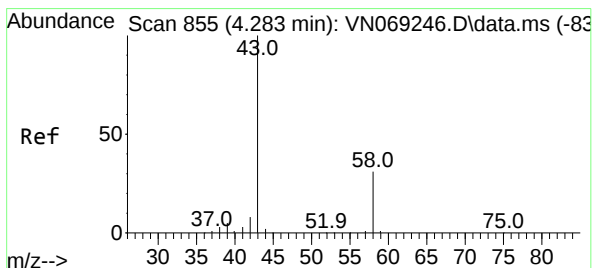
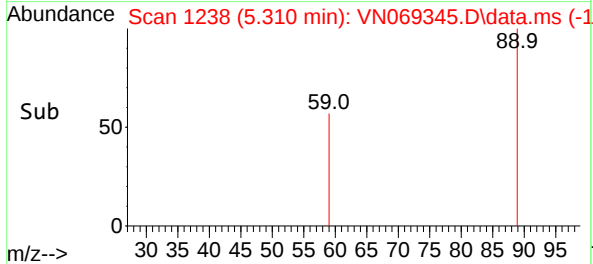
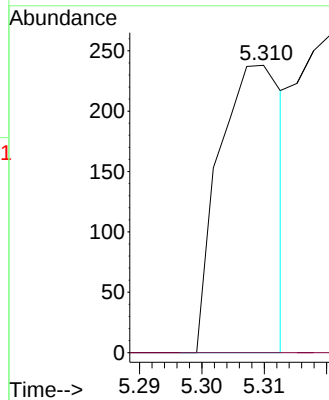


#11
Tert butyl alcohol
Concen: 13.598 ug/l
RT: 5.310 min Scan# 11
Delta R.T. -0.053 min
Lab File: VN069345.D
Acq: 2 Nov 2021 13:50

Instrument :
MSVOA_N
ClientSampleId :

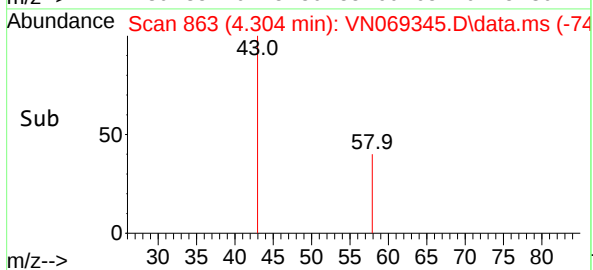
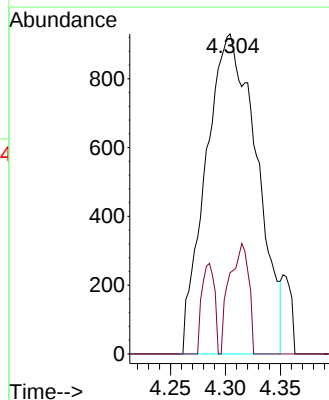
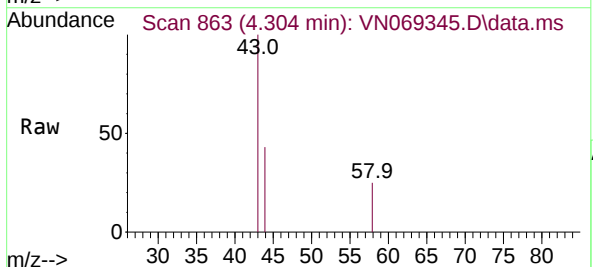


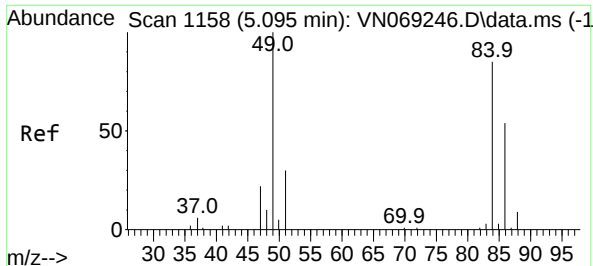
Tgt Ion: 59 Resp: 167
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#16
Acetone
Concen: 1.646 ug/l
RT: 4.304 min Scan# 863
Delta R.T. 0.021 min
Lab File: VN069345.D
Acq: 2 Nov 2021 13:50

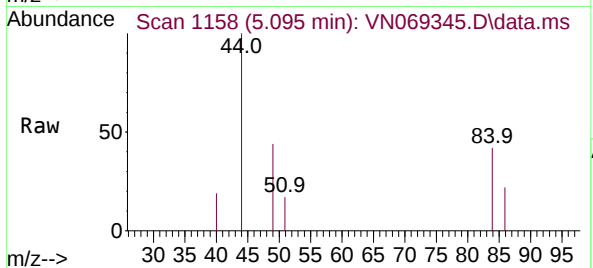
Tgt Ion: 43 Resp: 2987
Ion Ratio Lower Upper
43 100
58 25.4 24.5 36.7



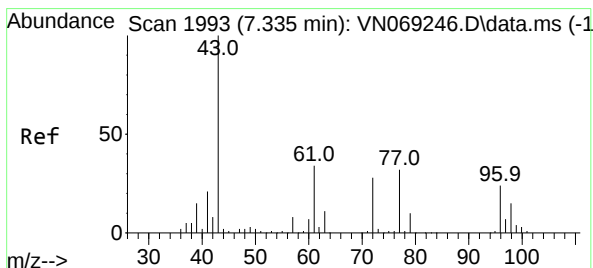
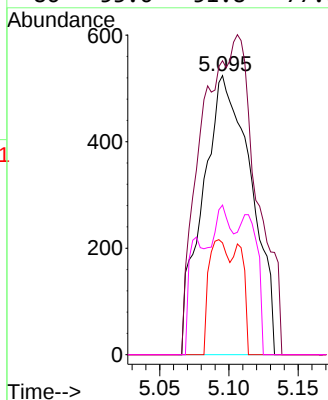
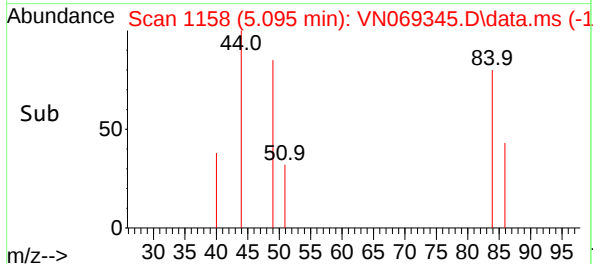


#20
Methylene Chloride
Concen: 0.367 ug/l
RT: 5.095 min Scan# 1158
Delta R.T. 0.000 min
Lab File: VN069345.D
Acq: 2 Nov 2021 13:50

Instrument :
MSVOA_N
ClientSampleId :

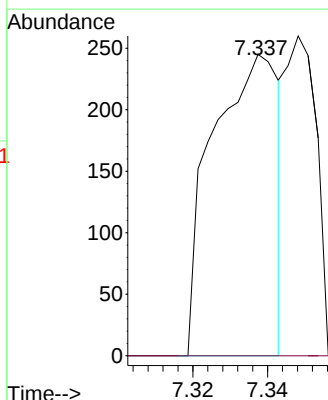
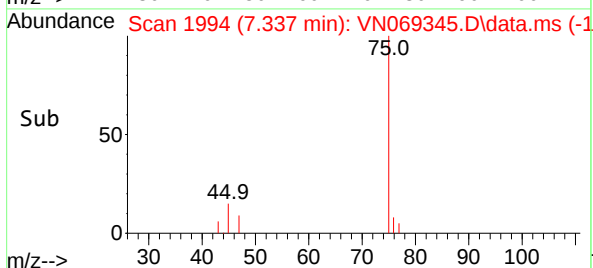
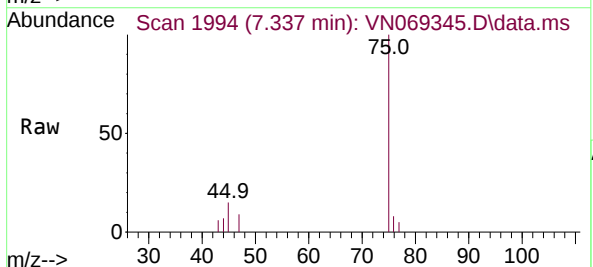


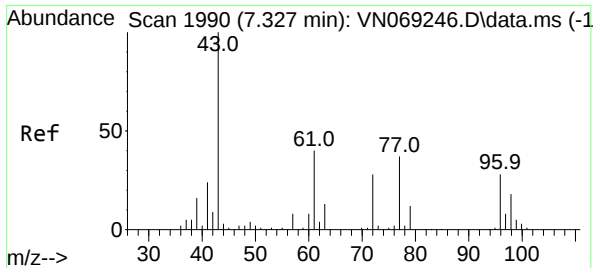
Tgt Ion:	84	Resp:	1278
Ion	Ratio	Lower	Upper
84	100		
49	105.3	97.6	146.4
51	40.1	30.3	45.5
86	53.6	51.8	77.6



#25
2-Butanone
Concen: 1.741 ug/l
RT: 7.337 min Scan# 1994
Delta R.T. 0.002 min
Lab File: VN069345.D
Acq: 2 Nov 2021 13:50

Tgt Ion:	43	Resp:	299
Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.2	31.8#





#26

2,2-Dichloropropane

Concen: 0.894 ug/l

RT: 7.327 min Scan# 1990

Delta R.T. -0.000 min

Lab File: VN069345.D

Acq: 2 Nov 2021 13:50

Instrument :

MSVOA_N

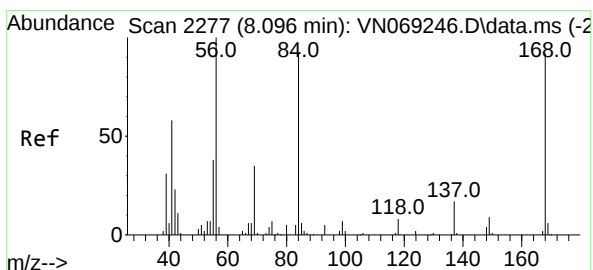
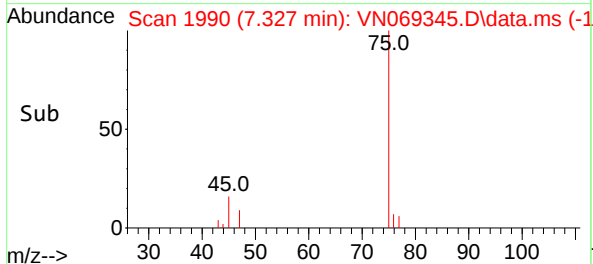
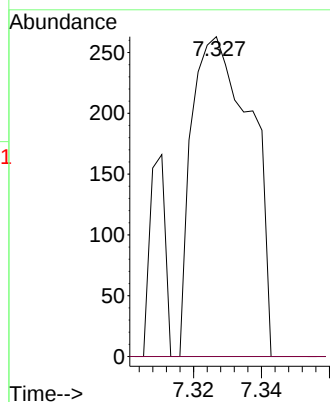
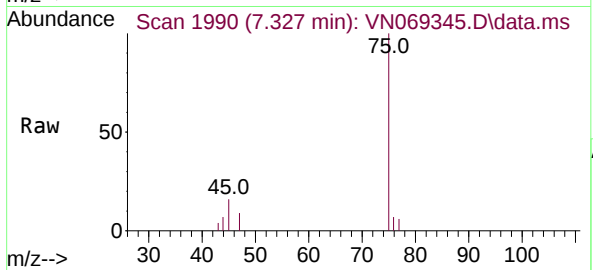
ClientSampleId :

Tgt Ion: 77 Resp: 317

Ion Ratio Lower Upper

77 100

97 0.0 11.2 33.6#



#31

Cyclohexane

Concen: 1.228 ug/l

RT: 8.088 min Scan# 2274

Delta R.T. -0.008 min

Lab File: VN069345.D

Acq: 2 Nov 2021 13:50

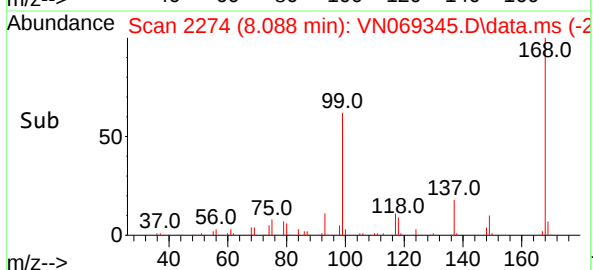
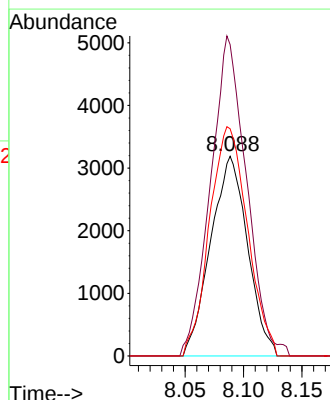
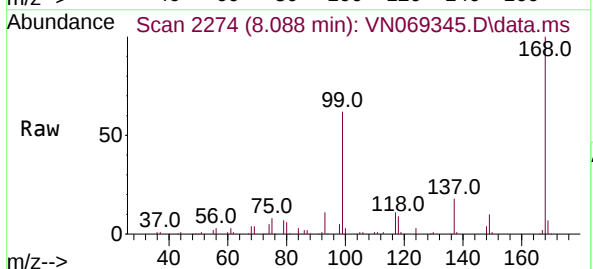
Tgt Ion: 56 Resp: 6999

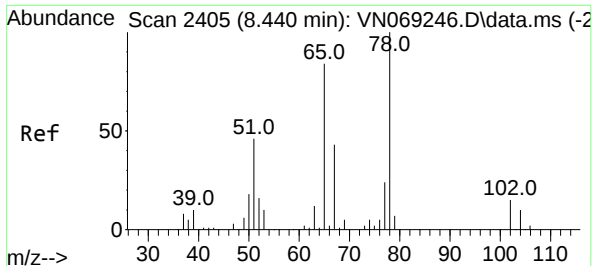
Ion Ratio Lower Upper

56 100

69 155.9 26.9 40.3#

84 113.7 67.6 101.4#





#33

1,2-Dichloroethane-d4

Concen: 48.220 ug/l

RT: 8.440 min Scan# 2405

Delta R.T. -0.000 min

Lab File: VN069345.D

Acq: 2 Nov 2021 13:50

Instrument :

MSVOA_N

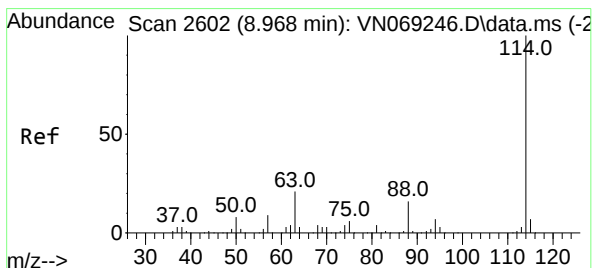
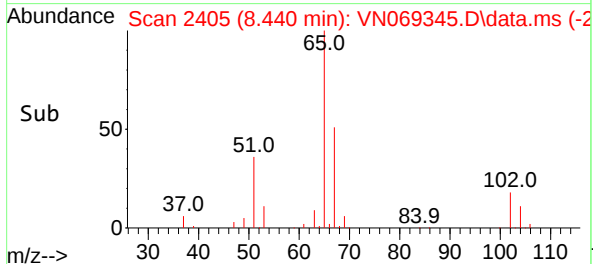
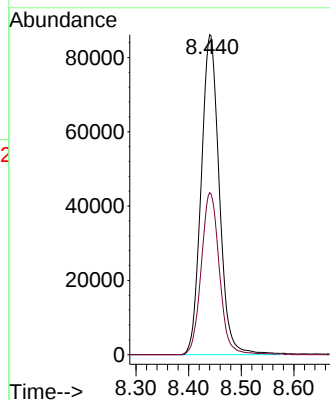
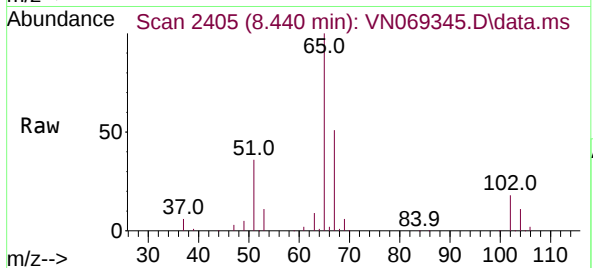
ClientSampleId :

Tgt Ion: 65 Resp: 205332

Ion Ratio Lower Upper

65 100

67 50.6 0.0 103.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.971 min Scan# 2603

Delta R.T. 0.003 min

Lab File: VN069345.D

Acq: 2 Nov 2021 13:50

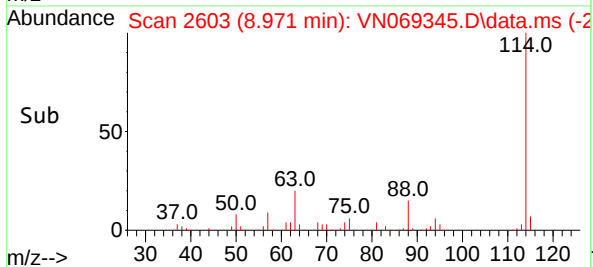
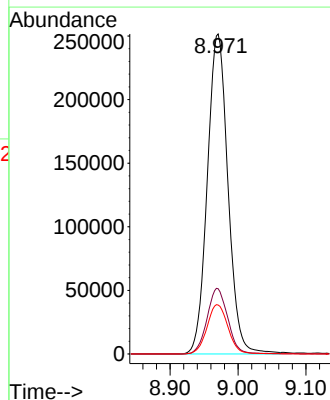
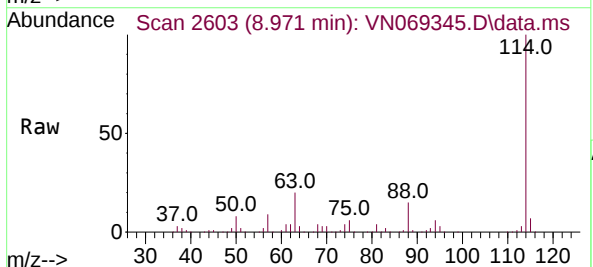
Tgt Ion: 114 Resp: 531394

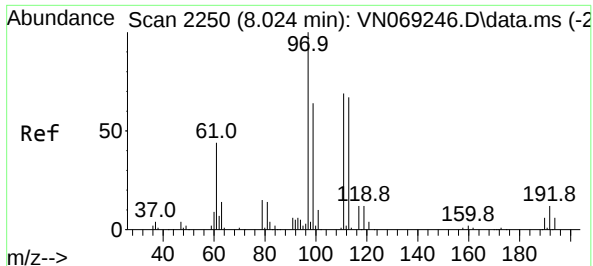
Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.6

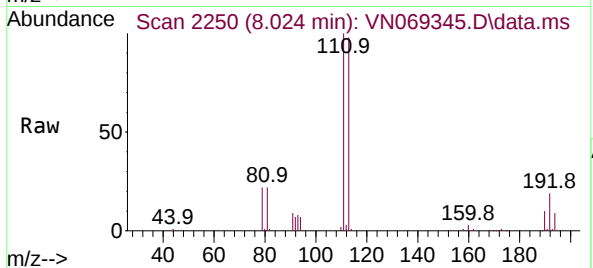
88 15.3 0.0 32.0



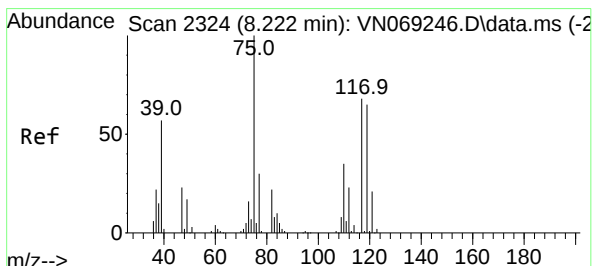
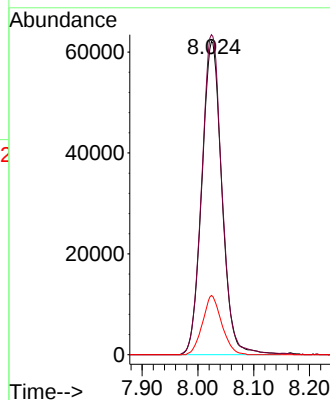
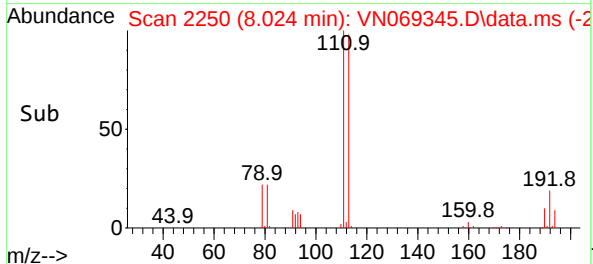


#35
Dibromofluoromethane
Concen: 46.858 ug/l
RT: 8.024 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN069345.D
Acq: 2 Nov 2021 13:50

Instrument :
MSVOA_N
ClientSampleId :

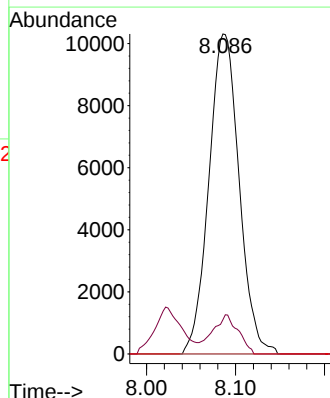
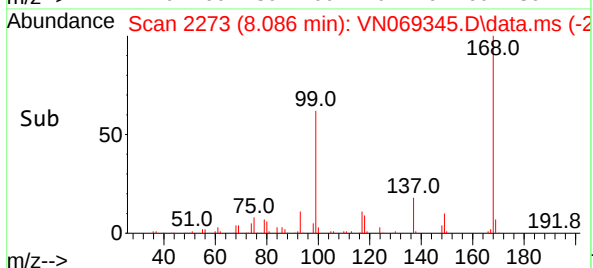
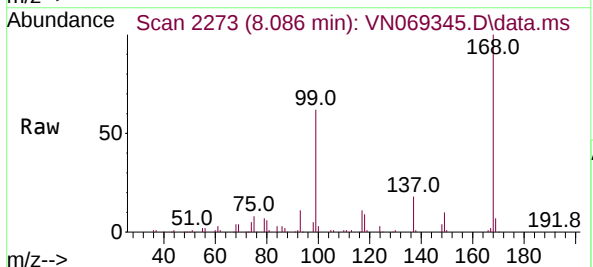


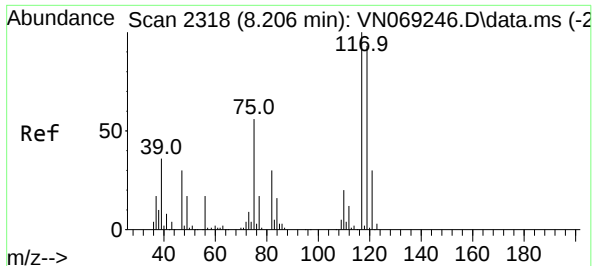
Tgt Ion:113 Resp: 155220
Ion Ratio Lower Upper
113 100
111 102.5 83.2 124.8
192 18.1 15.0 22.4



#36
1,1-Dichloropropene
Concen: 5.314 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.136 min
Lab File: VN069345.D
Acq: 2 Nov 2021 13:50

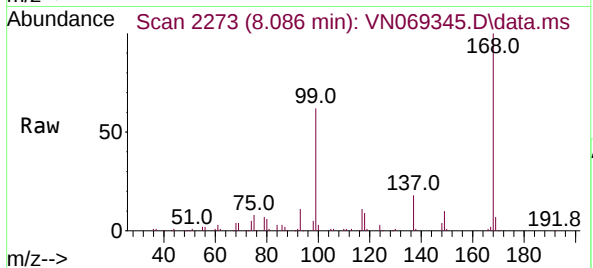
Tgt Ion: 75 Resp: 24344
Ion Ratio Lower Upper
75 100
110 10.4 17.9 53.8#
77 0.0 24.7 37.1#



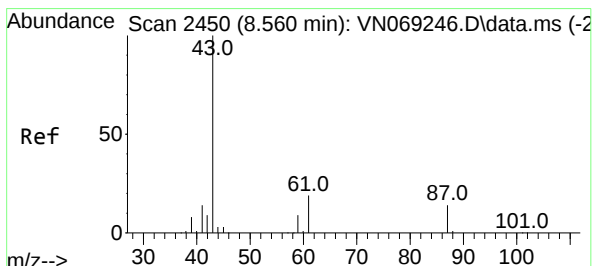
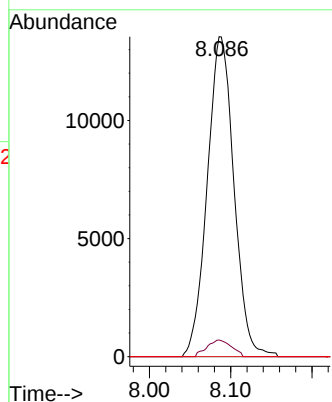
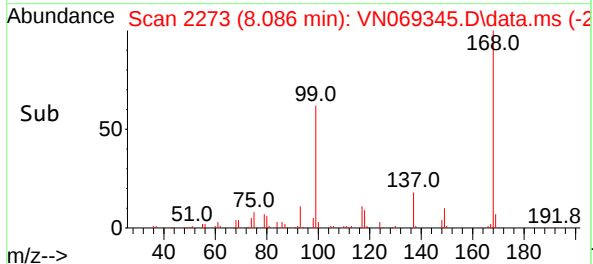


#38
Carbon Tetrachloride
Concen: 6.841 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.120 min
Lab File: VN069345.D
Acq: 2 Nov 2021 13:50

Instrument :
MSVOA_N
ClientSampleId :

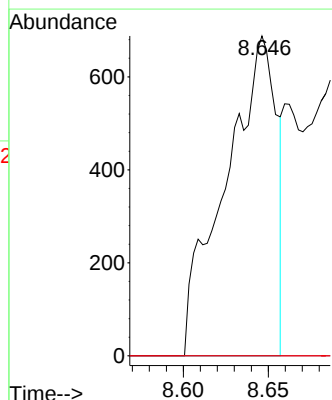
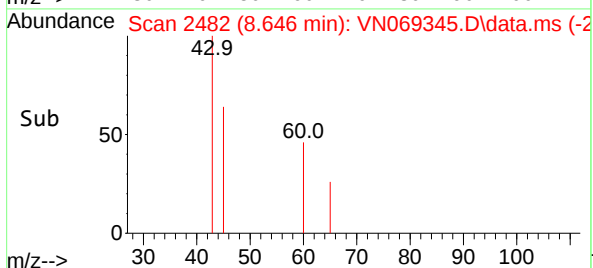
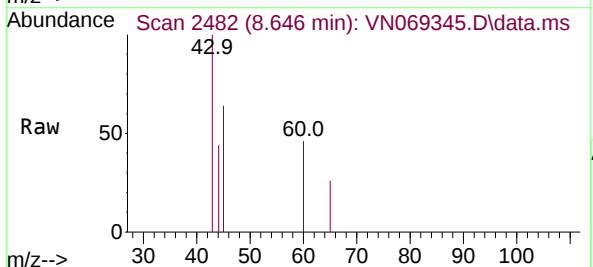


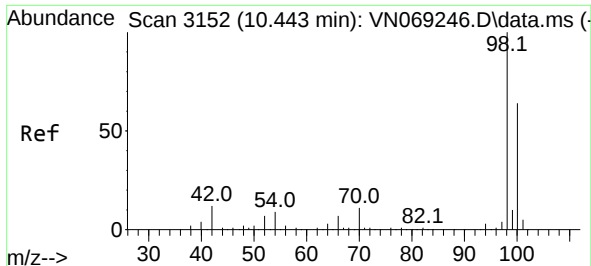
Tgt Ion:117 Resp: 31009
Ion Ratio Lower Upper
117 100
119 5.2 76.9 115.3#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 0.616 ug/l
RT: 8.646 min Scan# 2482
Delta R.T. 0.086 min
Lab File: VN069345.D
Acq: 2 Nov 2021 13:50

Tgt Ion: 43 Resp: 1442
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 10.7 16.1#

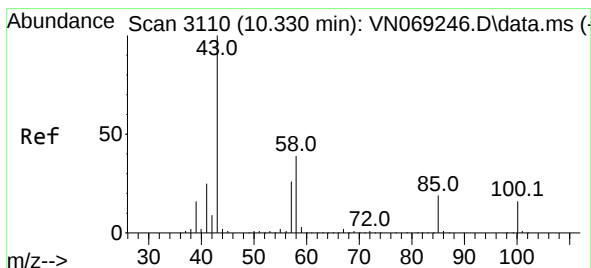
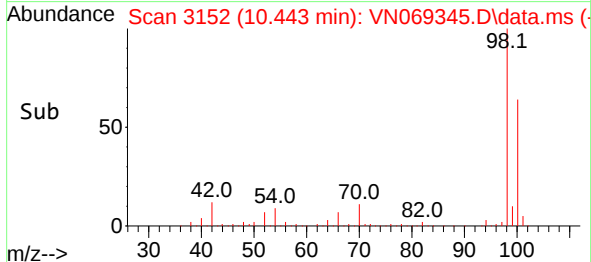
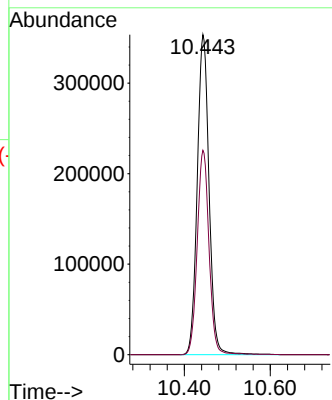
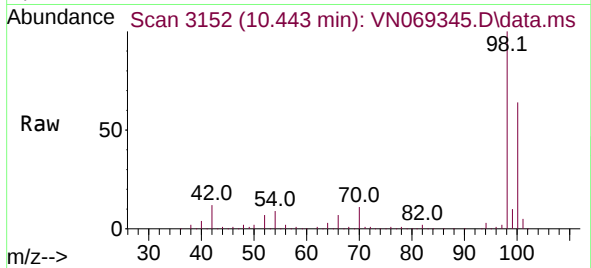




#50
Toluene-d8
Concen: 50.773 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069345.D
Acq: 2 Nov 2021 13:50

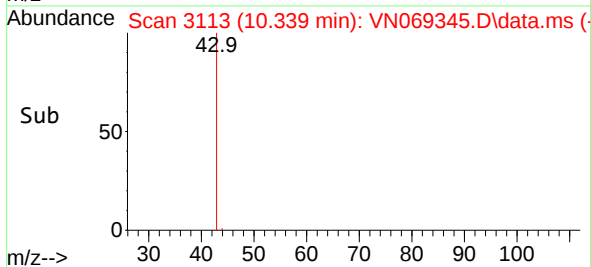
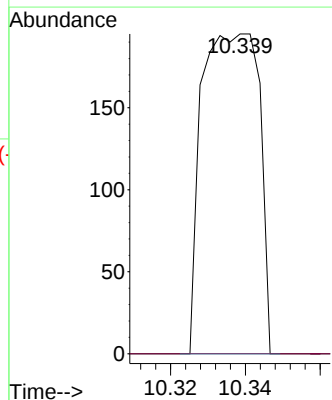
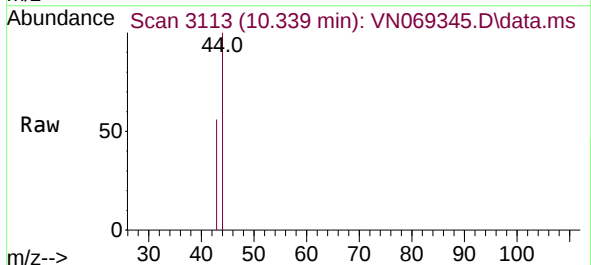
Instrument :
MSVOA_N
ClientSampleId :

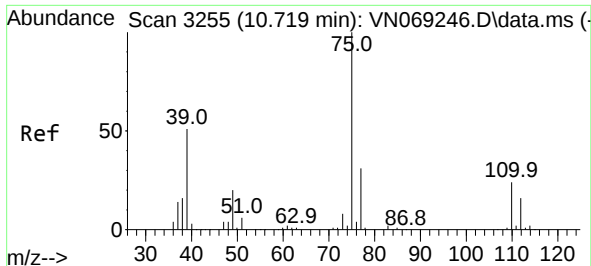
Tgt Ion: 98 Resp: 672455
Ion Ratio Lower Upper
98 100
100 63.7 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 6.436 ug/l
RT: 10.339 min Scan# 3113
Delta R.T. 0.009 min
Lab File: VN069345.D
Acq: 2 Nov 2021 13:50

Tgt Ion: 43 Resp: 207
Ion Ratio Lower Upper
43 100
58 0.0 31.0 46.4#

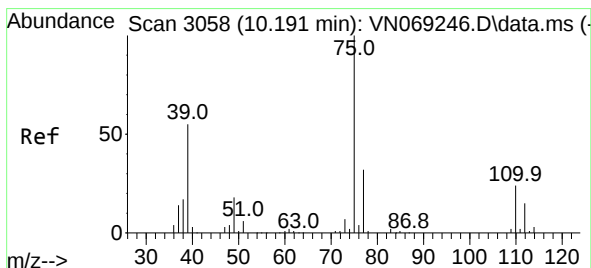
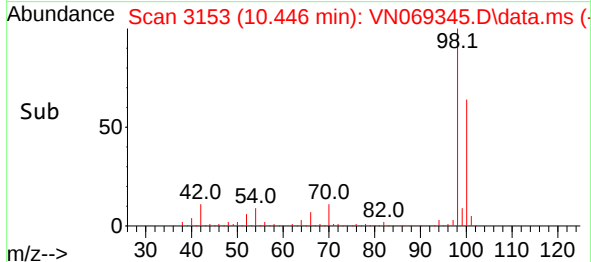
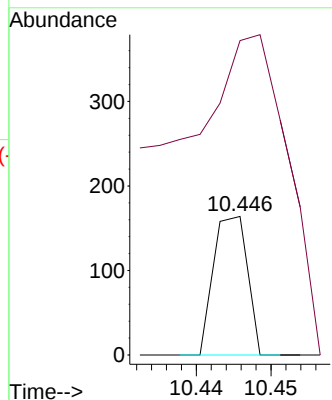
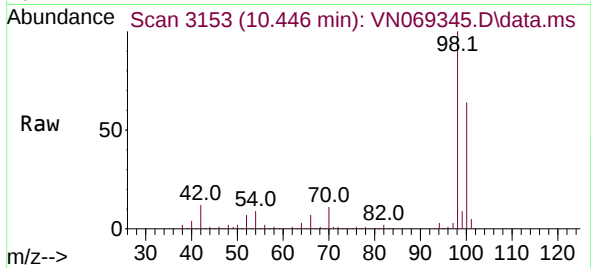




#53
 t-1,3-Dichloropropene
 Concen: 1.947 ug/l
 RT: 10.446 min Scan# 3153
 Delta R.T. -0.273 min
 Lab File: VN069345.D
 Acq: 2 Nov 2021 13:50

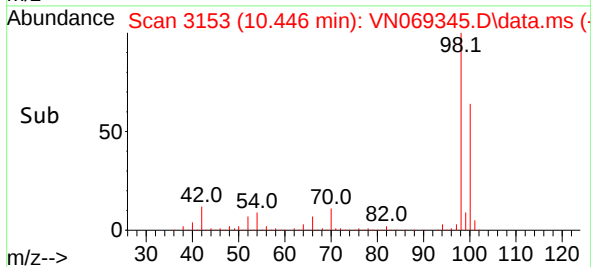
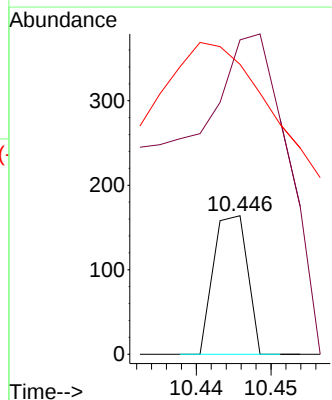
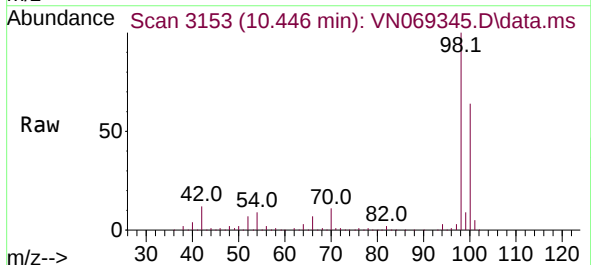
Instrument :
 MSVOA_N
 ClientSampleId :

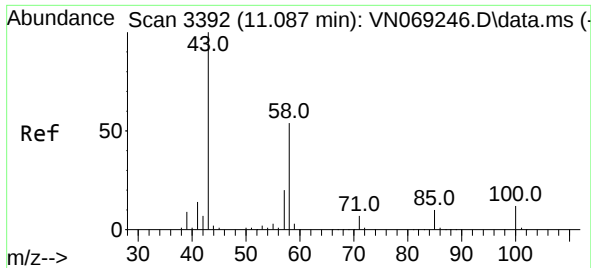
Tgt Ion: 75 Resp: 52
 Ion Ratio Lower Upper
 75 100
 77 71.3 25.4 38.2#



#54
 cis-1,3-Dichloropropene
 Concen: 1.536 ug/l
 RT: 10.446 min Scan# 3153
 Delta R.T. 0.255 min
 Lab File: VN069345.D
 Acq: 2 Nov 2021 13:50

Tgt Ion: 75 Resp: 52
 Ion Ratio Lower Upper
 75 100
 77 71.3 25.6 38.4#
 39 43.3 42.9 64.3

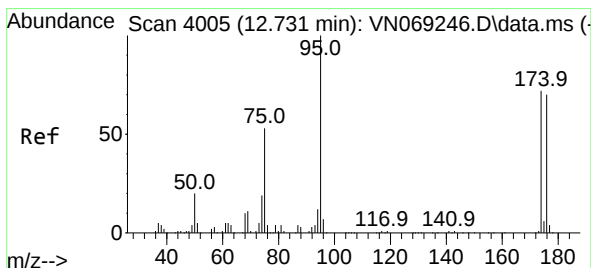
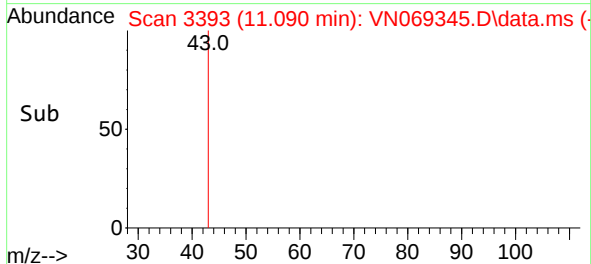
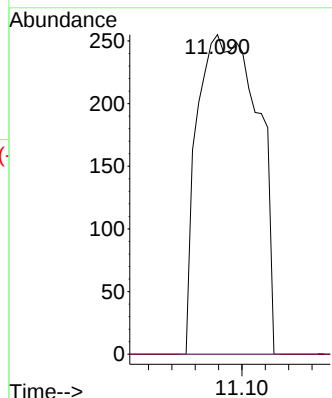
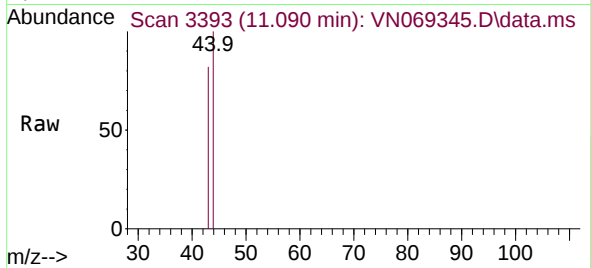




#59
2-Hexanone
Concen: 8.098 ug/l
RT: 11.090 min Scan# 31
Delta R.T. 0.003 min
Lab File: VN069345.D
Acq: 2 Nov 2021 13:50

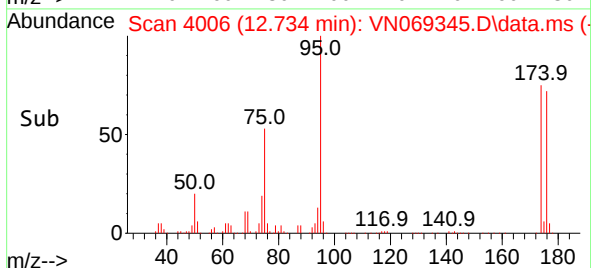
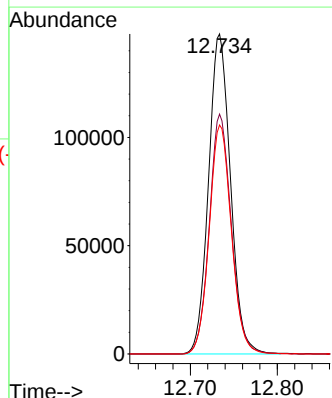
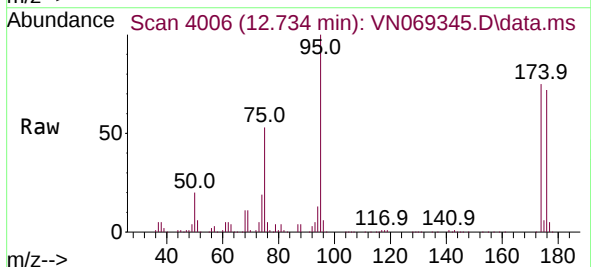
Instrument :
MSVOA_N
ClientSampleId :

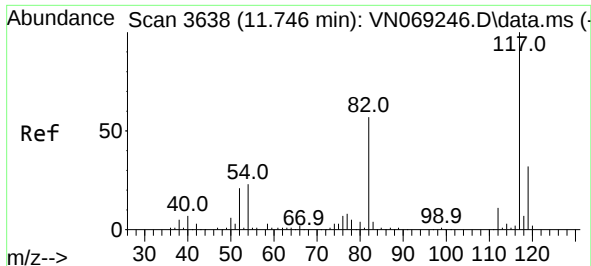
Tgt Ion: 43 Resp: 457
Ion Ratio Lower Upper
43 100
58 0.0 26.9 80.7#



#62
4-Bromofluorobenzene
Concen: 51.846 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.003 min
Lab File: VN069345.D
Acq: 2 Nov 2021 13:50

Tgt Ion: 95 Resp: 259119
Ion Ratio Lower Upper
95 100
174 75.1 0.0 144.8
176 72.3 0.0 140.0

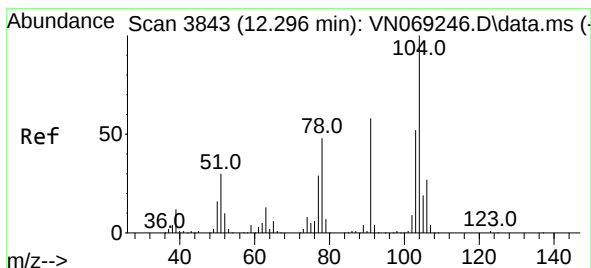
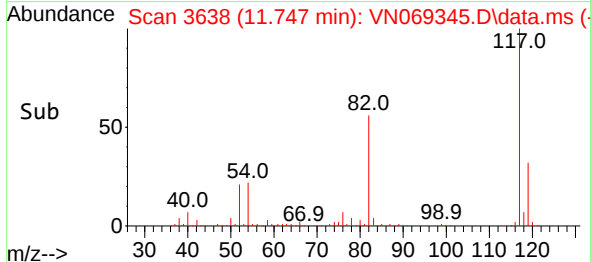
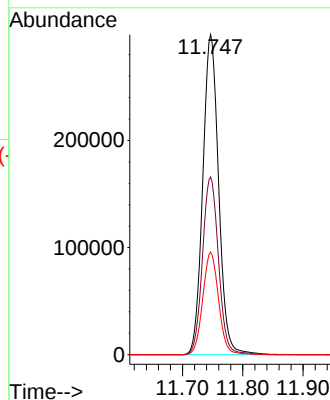
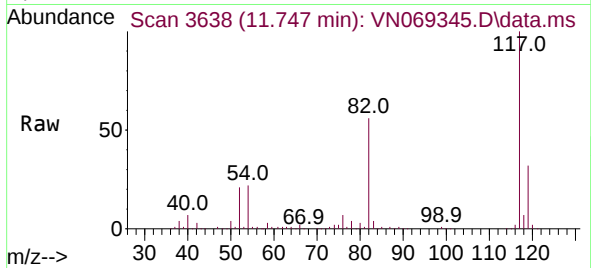




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN069345.D
Acq: 2 Nov 2021 13:50

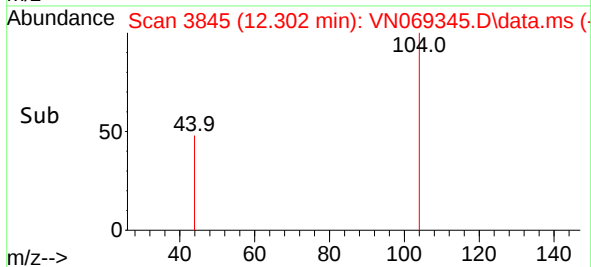
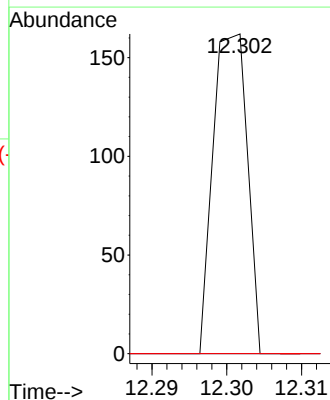
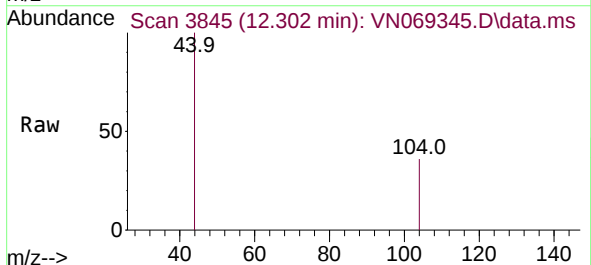
Instrument :
MSVOA_N
ClientSampleId :

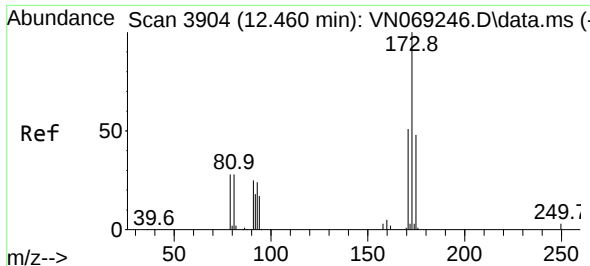
Tgt Ion:117 Resp: 545989
Ion Ratio Lower Upper
117 100
82 55.5 46.4 69.6
119 32.1 26.0 39.0



#70
Styrene
Concen: 1.460 ug/l
RT: 12.302 min Scan# 3845
Delta R.T. 0.006 min
Lab File: VN069345.D
Acq: 2 Nov 2021 13:50

Tgt Ion:104 Resp: 51
Ion Ratio Lower Upper
104 100
78 0.0 42.2 63.4#
103 0.0 44.4 66.6#

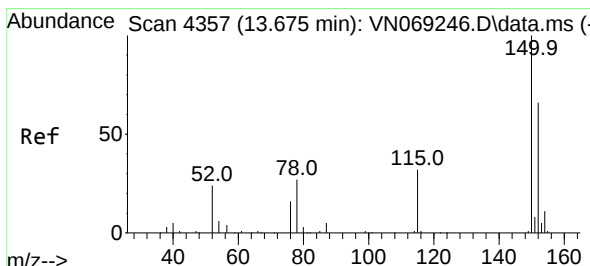
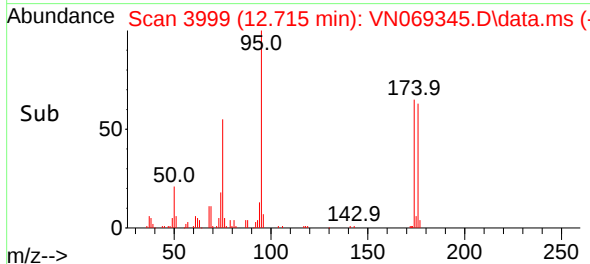
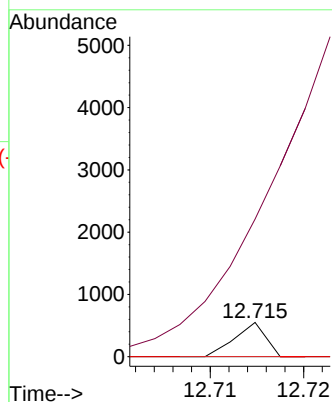
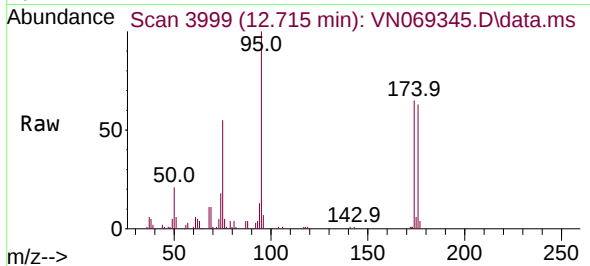




#71
Bromoform
Concen: 2.908 ug/l
RT: 12.715 min Scan# 3904
Delta R.T. 0.255 min
Lab File: VN069345.D
Acq: 2 Nov 2021 13:50

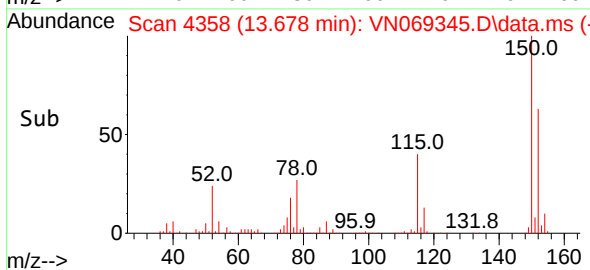
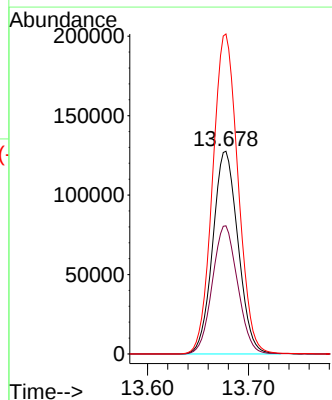
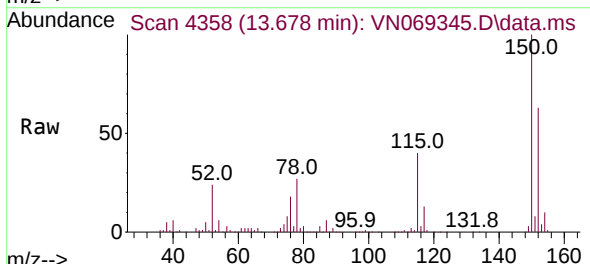
Instrument :
MSVOA_N
ClientSampleId :

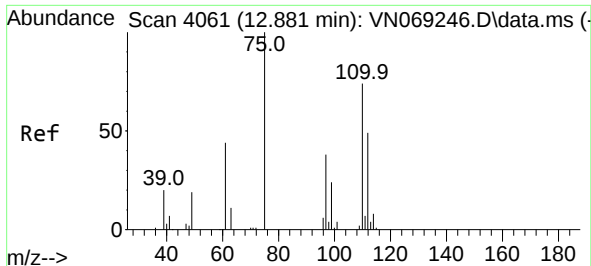
Tgt Ion:173 Resp: 126
Ion Ratio Lower Upper
173 100
175 0.0 23.8 71.5#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN069345.D
Acq: 2 Nov 2021 13:50

Tgt Ion:152 Resp: 221799
Ion Ratio Lower Upper
152 100
115 63.3 31.4 94.3
150 158.8 0.0 351.0

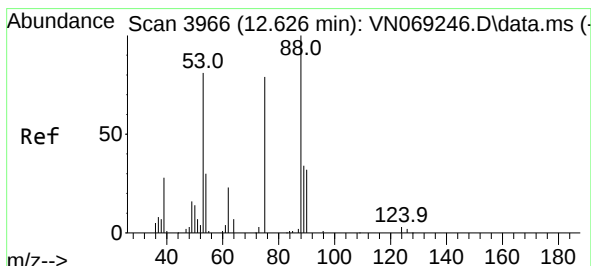
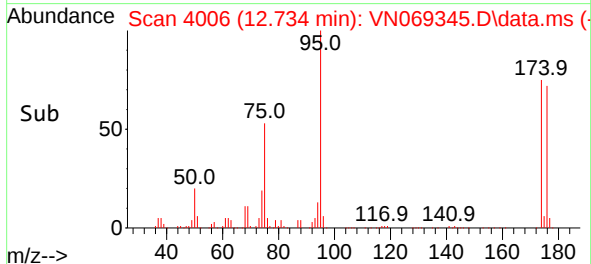
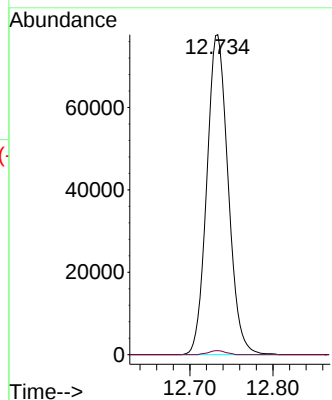
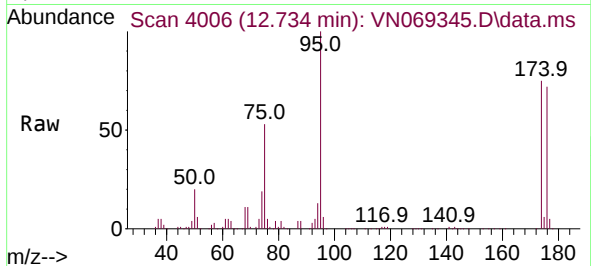




#76
1,2,3-Trichloropropane
Concen: 23.714 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.147 min
Lab File: VN069345.D
Acq: 2 Nov 2021 13:50

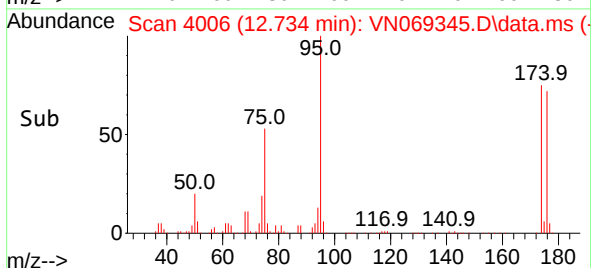
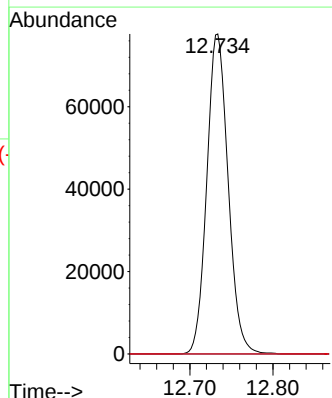
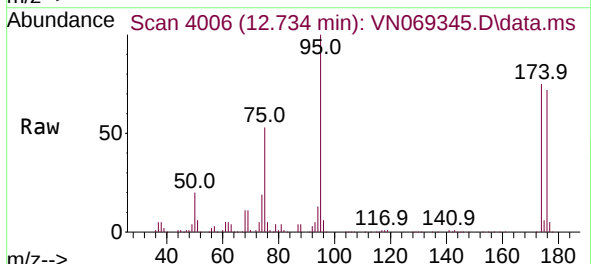
Instrument :
MSVOA_N
ClientSampleId :

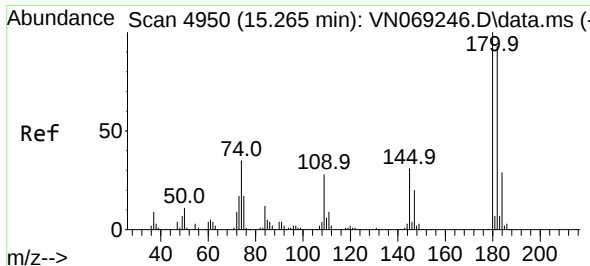
Tgt Ion: 75 Resp: 138334
Ion Ratio Lower Upper
75 100
77 1.0 96.2 288.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.138 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.108 min
Lab File: VN069345.D
Acq: 2 Nov 2021 13:50

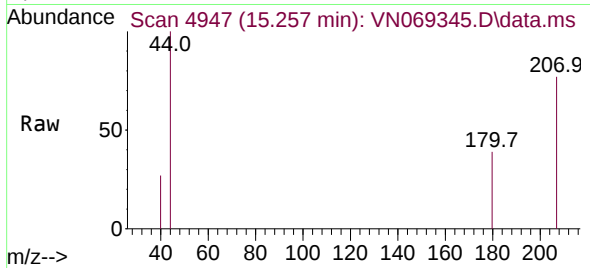
Tgt Ion: 75 Resp: 138334
Ion Ratio Lower Upper
75 100
53 0.0 75.4 113.2#
89 0.0 36.9 55.3#



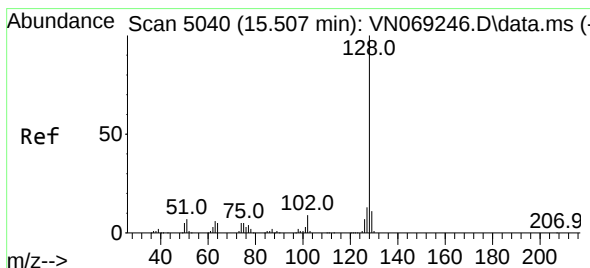
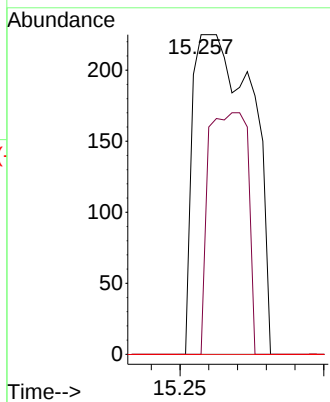
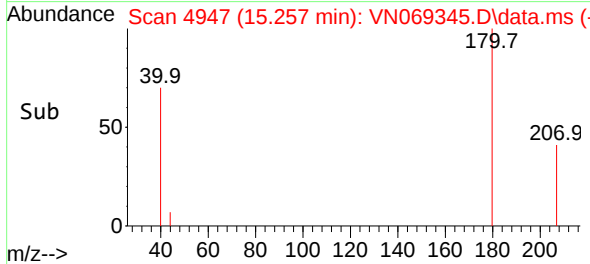


#93
1,2,4-Trichlorobenzene
Concen: 2.572 ug/l
RT: 15.257 min Scan# 4950
Delta R.T. -0.008 min
Lab File: VN069345.D
Acq: 2 Nov 2021 13:50

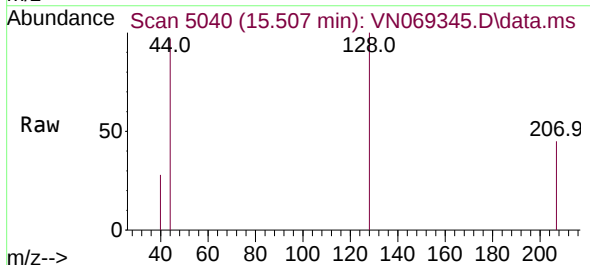
Instrument :
MSVOA_N
ClientSampleId :



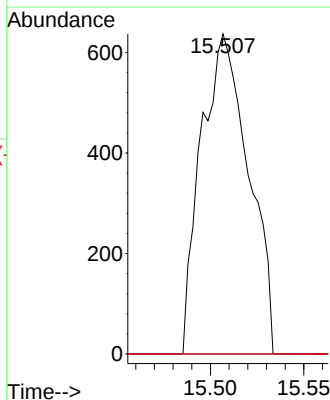
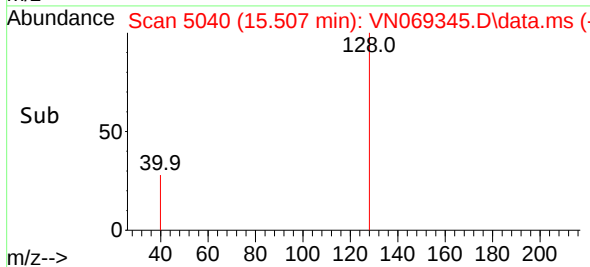
Tgt Ion:180 Resp: 319
Ion Ratio Lower Upper
180 100
182 50.2 47.9 143.7
145 0.0 16.4 49.2#

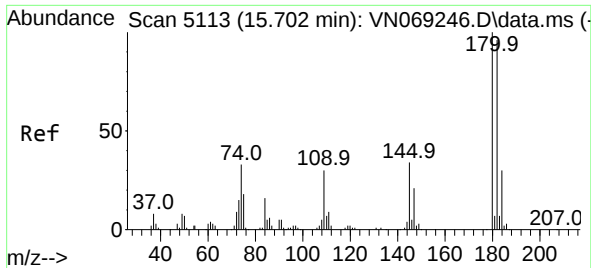


#95
Naphthalene
Concen: 3.403 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN069345.D
Acq: 2 Nov 2021 13:50



Tgt Ion:128 Resp: 1128
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.9 13.3#





#96

1,2,3-Trichlorobenzene

Concen: 2.235 ug/l

RT: 15.700 min Scan# 51

Delta R.T. -0.002 min

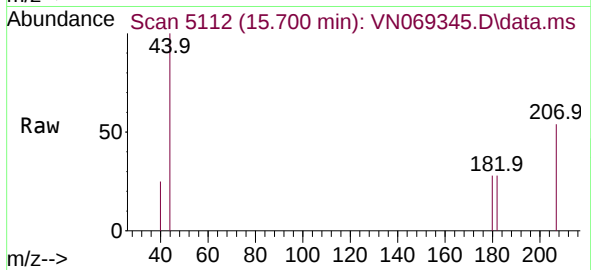
Lab File: VN069345.D

Acq: 2 Nov 2021 13:50

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:180 Resp: 105

Ion Ratio Lower Upper

180 100

182 122.9 48.1 144.3

145 0.0 17.4 52.2#

