

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061521\
 Data File : VN067354.D
 Acq On : 15 Jun 2021 18:26
 Operator : JC/MD
 Sample : M2678-15
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 16 02:40:40 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)

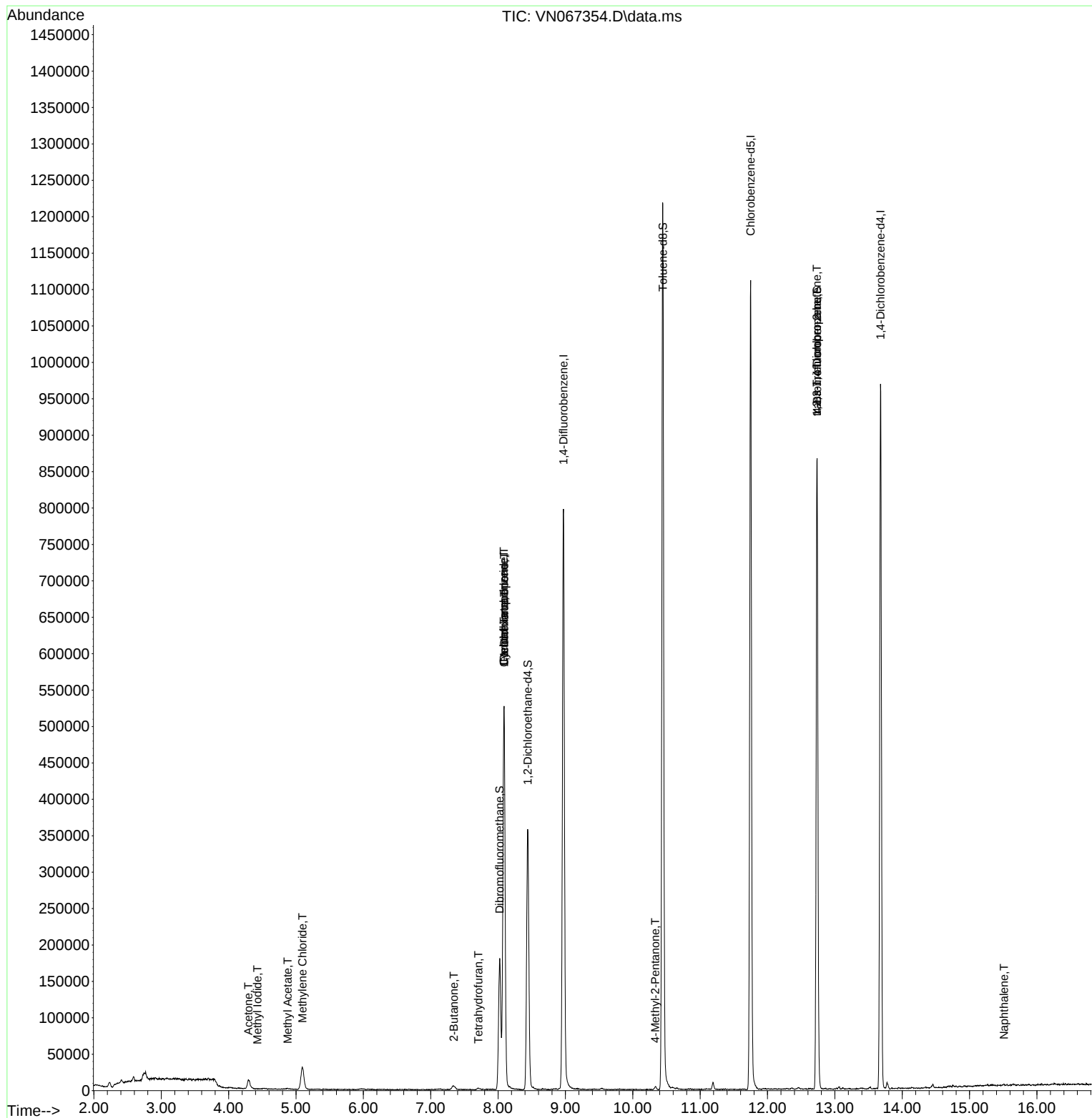
Internal Standards						
1) Pentafluorobenzene	8.088	168	338939	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	644197	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	584729	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	228148	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	321766	48.123	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.240%
35) Dibromofluoromethane	8.024	113	125877	29.380	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	58.760%#
50) Toluene-d8	10.446	98	828605	50.459	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.920%
62) 4-Bromofluorobenzene	12.736	95	323839	47.786	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	95.580%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.425	142	24	6.748	ug/l #	33
16) Acetone	4.293	43	22504	8.770	ug/l	96
18) Methyl Acetate	4.875	43	1602	0.257	ug/l #	74
20) Methylene Chloride	5.095	84	22367	4.190	ug/l	97
25) 2-Butanone	7.343	43	1284	0.350	ug/l	91
29) Tetrahydrofuran	7.708	42	983	0.425	ug/l #	69
31) Cyclohexane	8.091	56	11912	1.311	ug/l #	25
36) 1,1-Dichloropropene	8.091	75	38365	5.312	ug/l #	52
38) Carbon Tetrachloride	8.086	117	42835	5.518	ug/l #	16
51) 4-Methyl-2-Pentanone	10.333	43	3698	0.468	ug/l #	85
76) 1,2,3-Trichloropropane	12.734	75	189157	31.927	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.734	75	189157	79.126	ug/l #	6
95) Naphthalene	15.509	128	1568	2.715	ug/l #	69

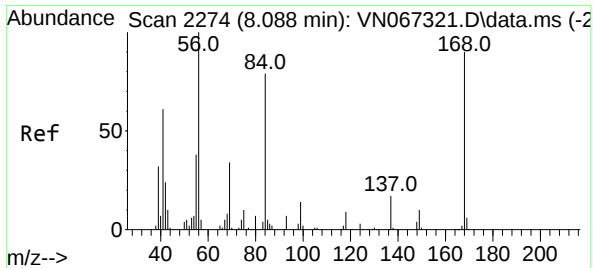
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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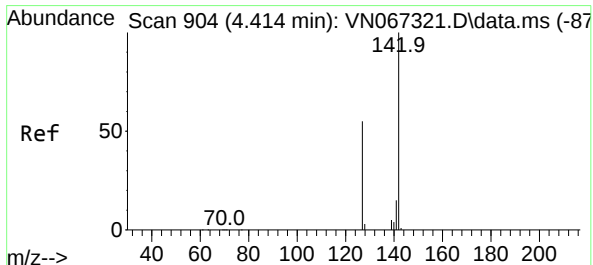
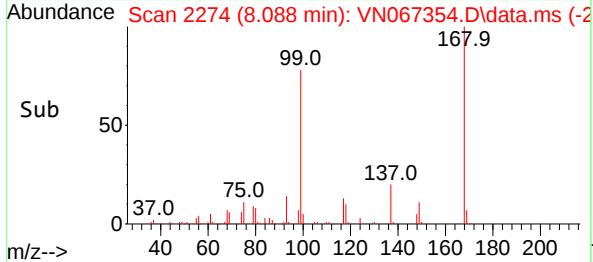
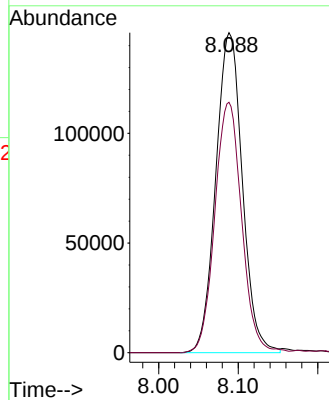
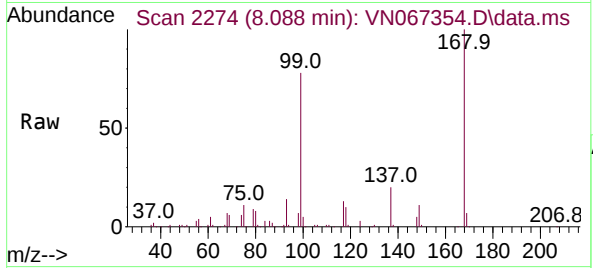




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN067354.D
Acq: 15 Jun 2021 18:26

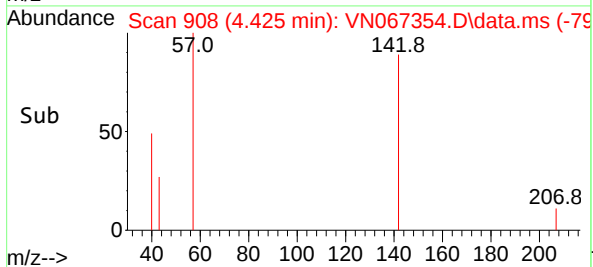
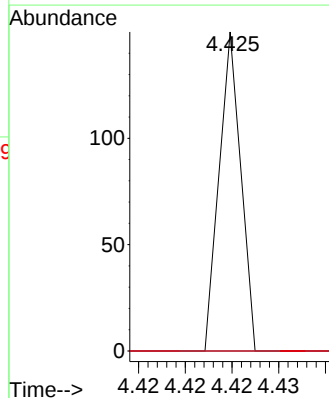
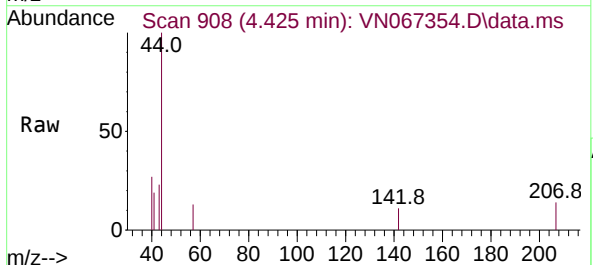
Instrument :
MSVOA_N
ClientSampleId :

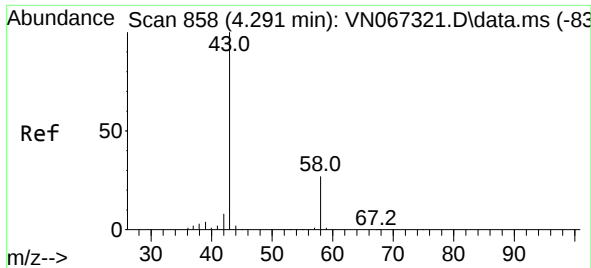
Tgt Ion:168 Resp: 338939
Ion Ratio Lower Upper
168 100
99 78.3 62.9 94.3



#10
Methyl Iodide
Concen: 6.748 ug/l
RT: 4.425 min Scan# 908
Delta R.T. 0.011 min
Lab File: VN067354.D
Acq: 15 Jun 2021 18:26

Tgt Ion:142 Resp: 24
Ion Ratio Lower Upper
142 100
127 0.0 43.1 64.7#
141 0.0 11.4 17.0#

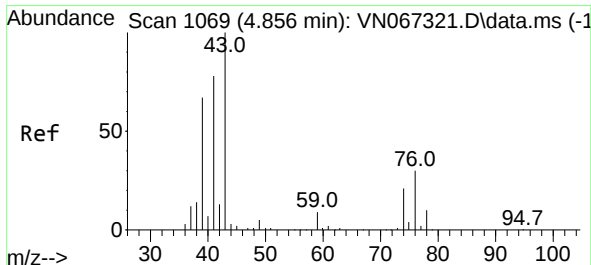
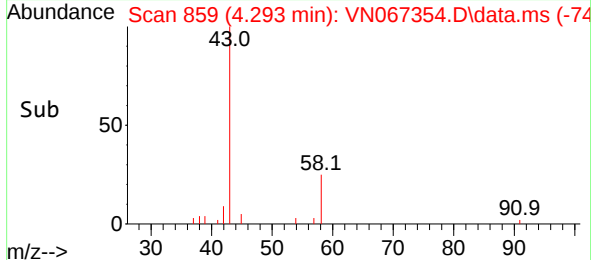
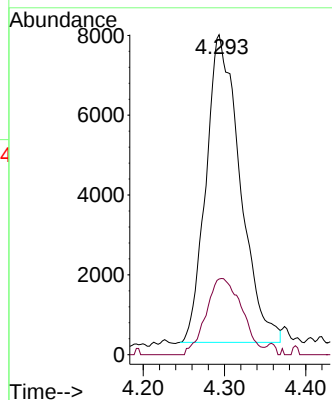
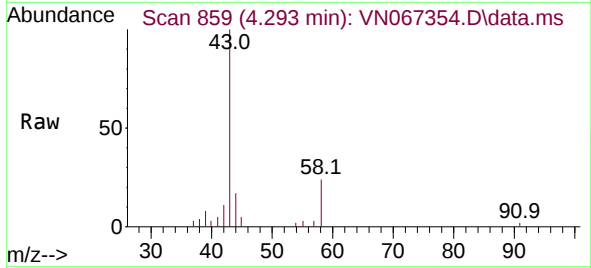




#16
Acetone
Concen: 8.770 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.002 min
Lab File: VN067354.D
Acq: 15 Jun 2021 18:26

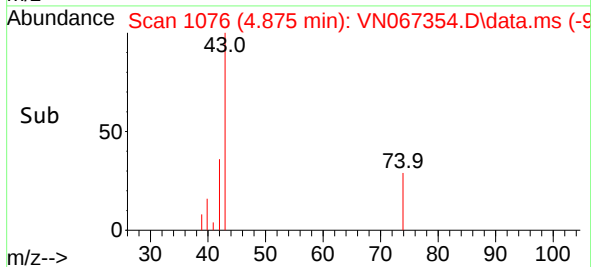
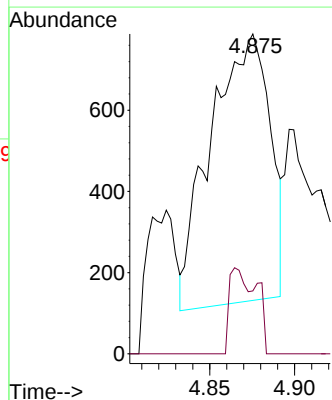
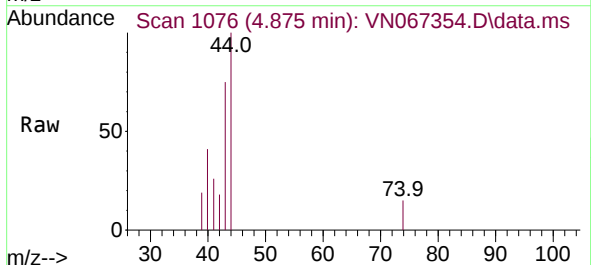
Instrument :
MSVOA_N
ClientSampled :

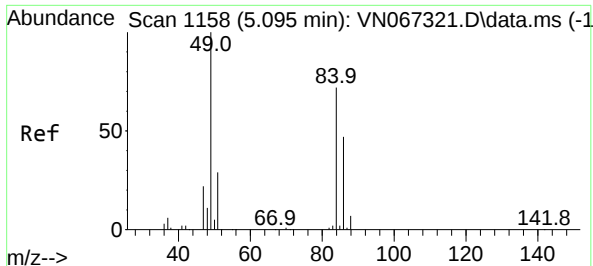
Tgt Ion: 43 Resp: 22504
Ion Ratio Lower Upper
43 100
58 24.6 21.2 31.8



#18
Methyl Acetate
Concen: 0.257 ug/l
RT: 4.875 min Scan# 1076
Delta R.T. 0.019 min
Lab File: VN067354.D
Acq: 15 Jun 2021 18:26

Tgt Ion: 43 Resp: 1602
Ion Ratio Lower Upper
43 100
74 9.4 17.4 26.0#





#20

Methylene Chloride

Concen: 4.190 ug/l

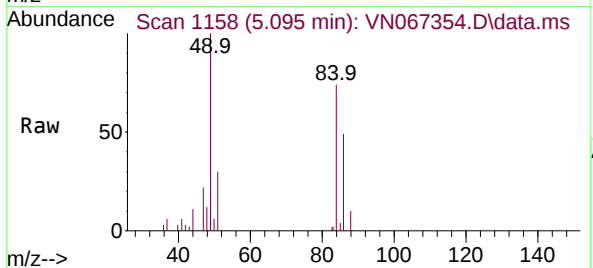
RT: 5.095 min Scan# 1158

Delta R.T. 0.000 min

Lab File: VN067354.D

Acq: 15 Jun 2021 18:26

Instrument :
MSVOA_N
ClientSampled :



Tgt Ion: 84 Resp: 22367

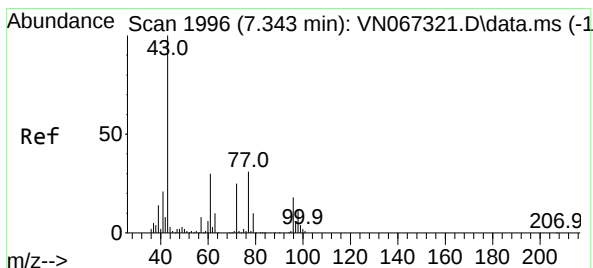
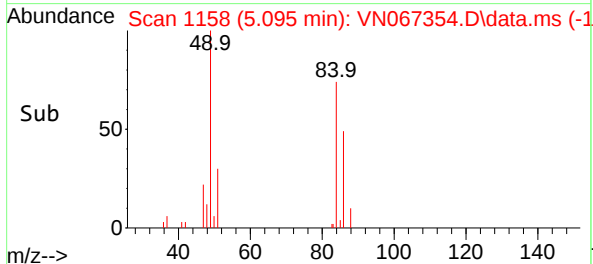
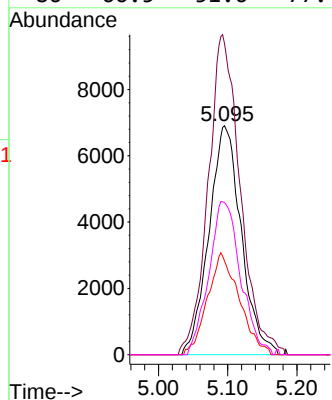
Ion Ratio Lower Upper

84 100

49 133.4 110.9 166.3

51 41.0 32.6 49.0

86 66.5 51.6 77.4



#25

2-Butanone

Concen: 0.350 ug/l

RT: 7.343 min Scan# 1996

Delta R.T. -0.000 min

Lab File: VN067354.D

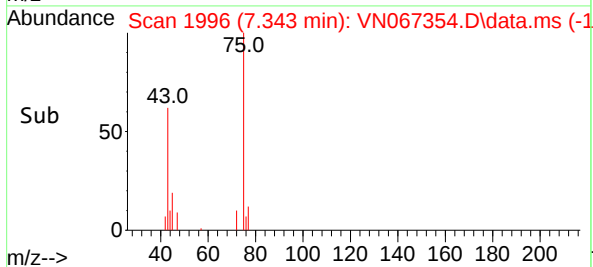
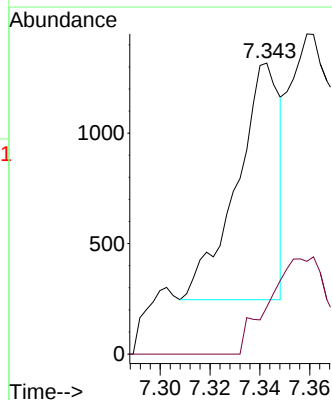
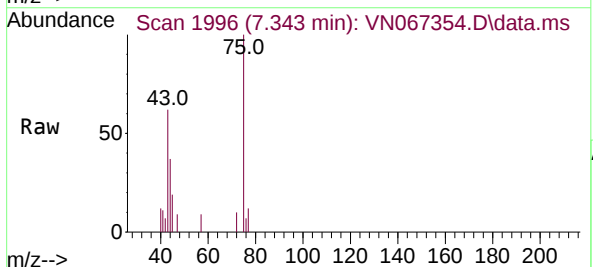
Acq: 15 Jun 2021 18:26

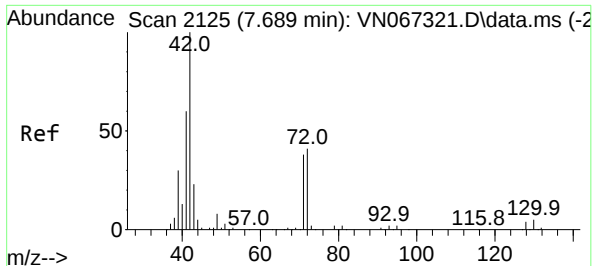
Tgt Ion: 43 Resp: 1284

Ion Ratio Lower Upper

43 100

72 19.9 19.7 29.5





#29

Tetrahydrofuran

Concen: 0.425 ug/l

RT: 7.708 min Scan# 2132

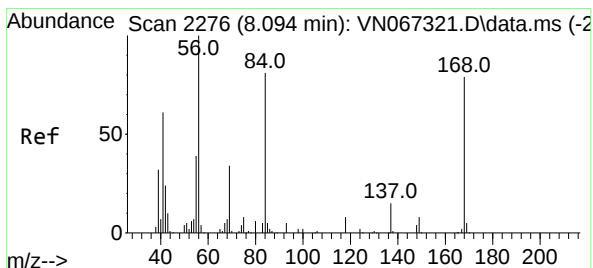
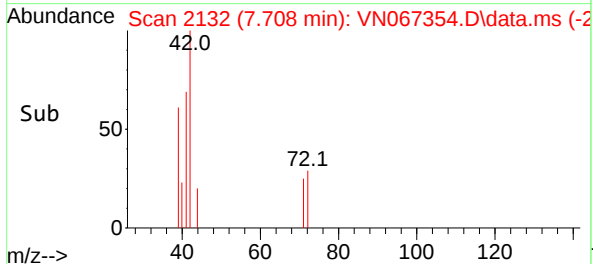
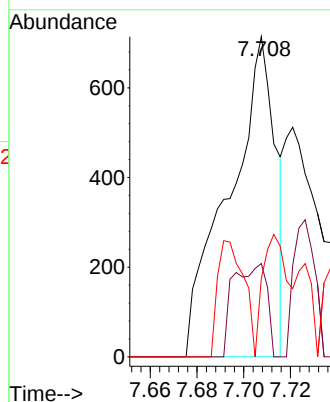
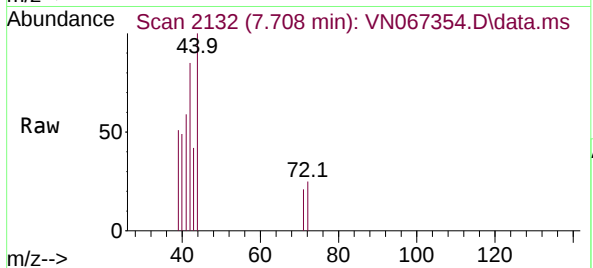
Delta R.T. 0.019 min

Lab File: VN067354.D

Acq: 15 Jun 2021 18:26

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion: 42	Resp: 983
Ion Ratio	Lower Upper
42 100	
72 21.0	32.8 49.2#
71 20.5	31.2 46.8#



#31

Cyclohexane

Concen: 1.311 ug/l

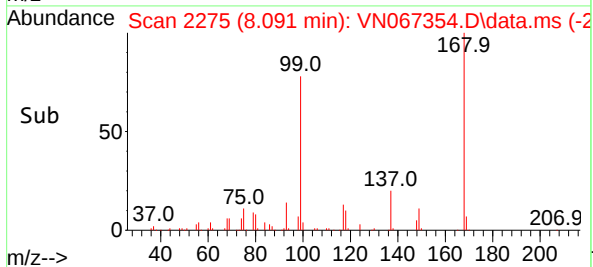
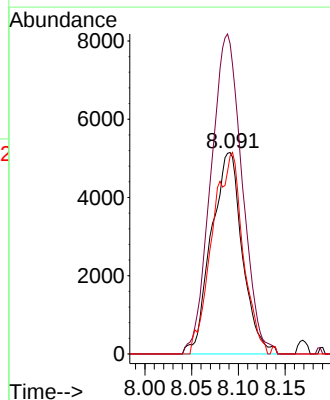
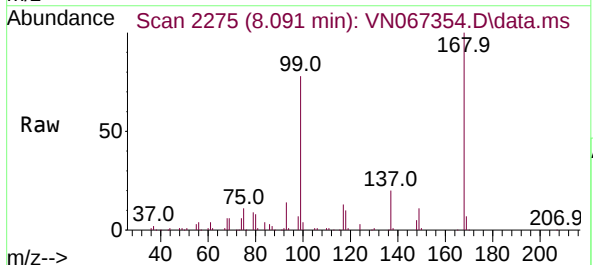
RT: 8.091 min Scan# 2275

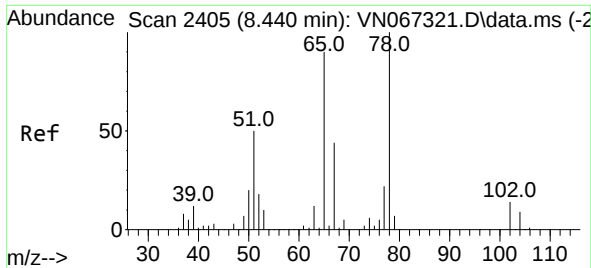
Delta R.T. -0.003 min

Lab File: VN067354.D

Acq: 15 Jun 2021 18:26

Tgt Ion: 56	Resp: 11912
Ion Ratio	Lower Upper
56 100	
69 154.0	27.3 40.9#
84 98.2	64.9 97.3#

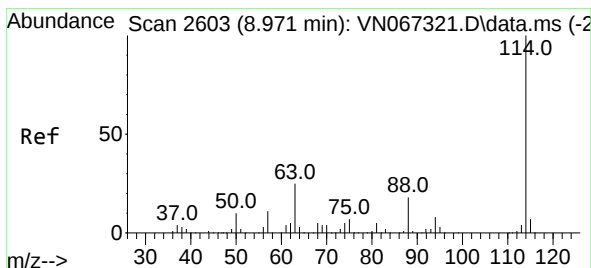
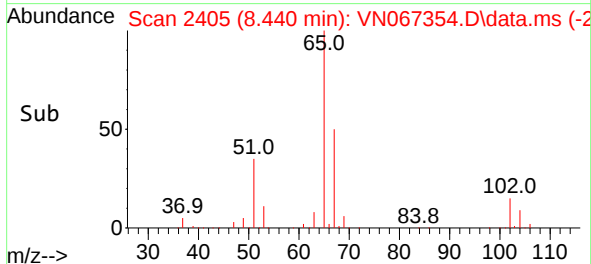
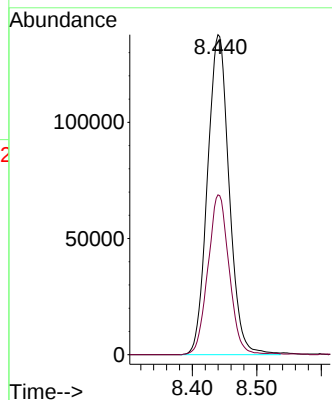
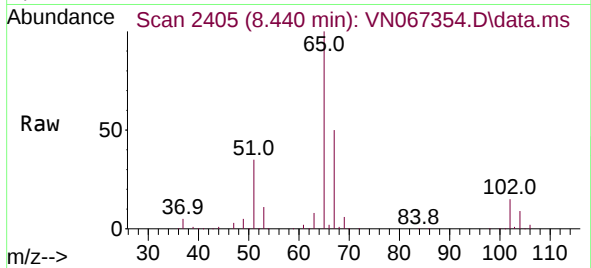




#33
 1,2-Dichloroethane-d4
 Concen: 48.123 ug/l
 RT: 8.440 min Scan# 2405
 Delta R.T. -0.000 min
 Lab File: VN067354.D
 Acq: 15 Jun 2021 18:26

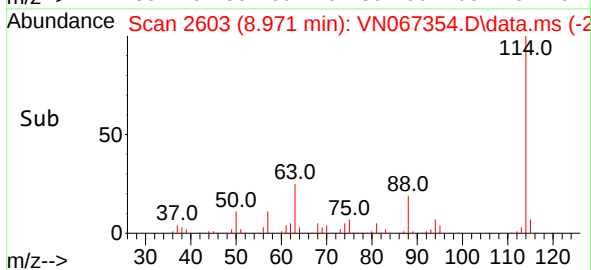
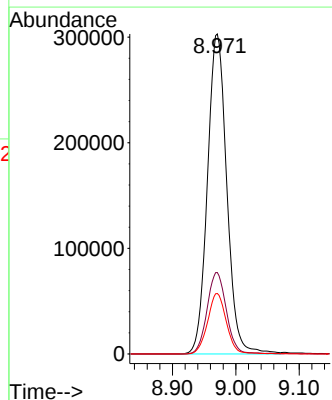
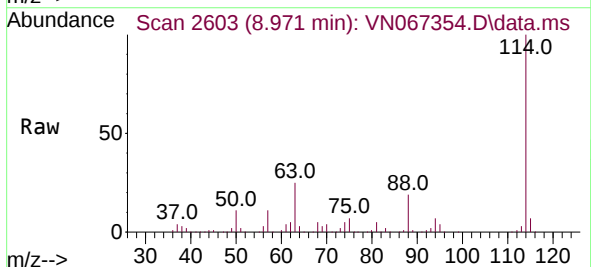
Instrument :
 MSVOA_N
 ClientSampled :

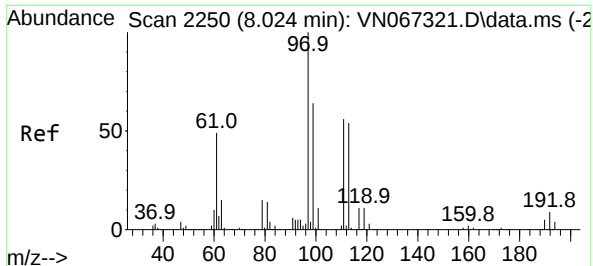
Tgt Ion: 65 Resp: 321766
 Ion Ratio Lower Upper
 65 100
 67 48.8 0.0 98.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.971 min Scan# 2603
 Delta R.T. 0.000 min
 Lab File: VN067354.D
 Acq: 15 Jun 2021 18:26

Tgt Ion: 114 Resp: 644197
 Ion Ratio Lower Upper
 114 100
 63 25.5 0.0 49.0
 88 18.9 0.0 36.6





#35

Dibromofluoromethane

Concen: 29.380 ug/l

RT: 8.024 min Scan# 2250

Delta R.T. -0.000 min

Lab File: VN067354.D

Acq: 15 Jun 2021 18:26

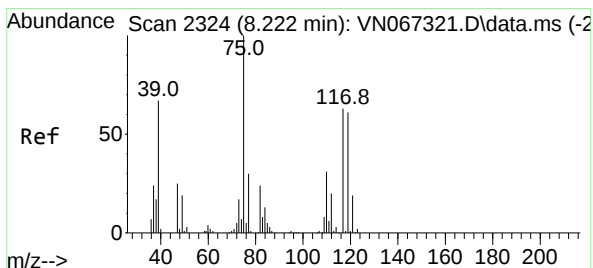
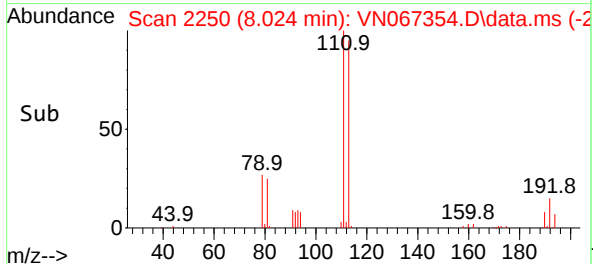
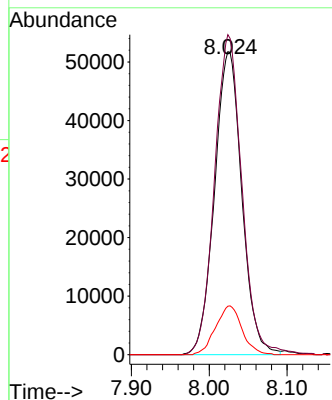
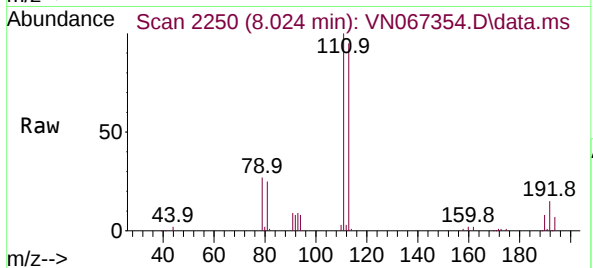
Tgt Ion:113 Resp: 125877

Ion Ratio Lower Upper

113 100

111 105.8 83.8 125.8

192 15.6 13.4 20.0



#36

1,1-Dichloropropene

Concen: 5.312 ug/l

RT: 8.091 min Scan# 2275

Delta R.T. -0.131 min

Lab File: VN067354.D

Acq: 15 Jun 2021 18:26

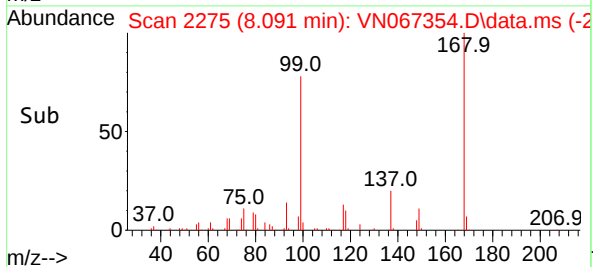
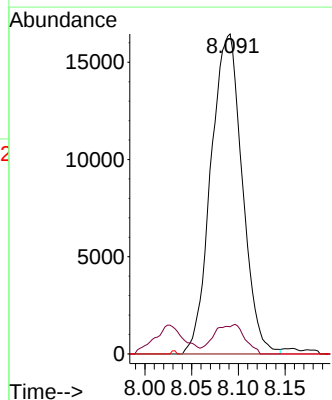
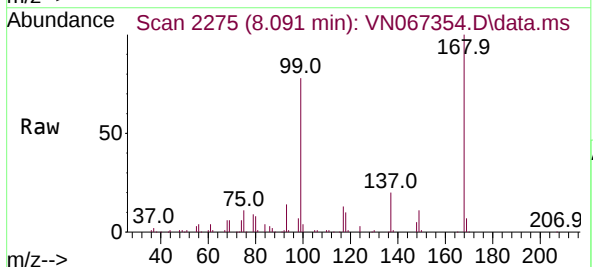
Tgt Ion: 75 Resp: 38365

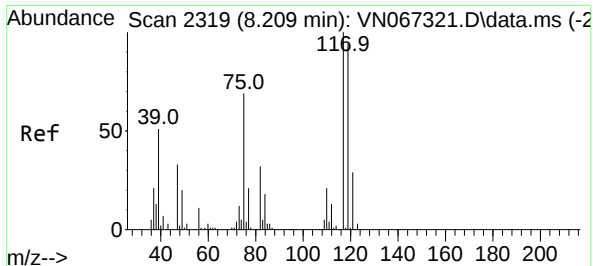
Ion Ratio Lower Upper

75 100

110 9.1 15.7 47.0#

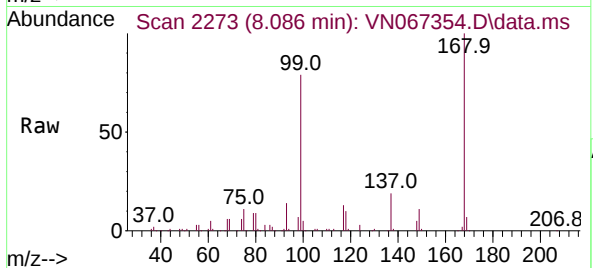
77 0.0 24.6 37.0#



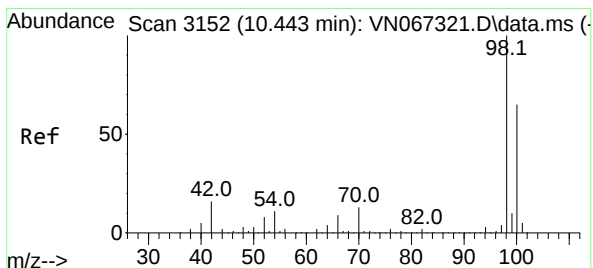
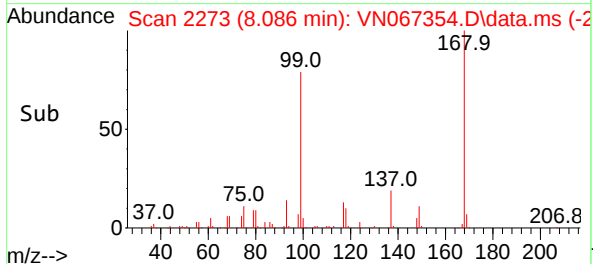
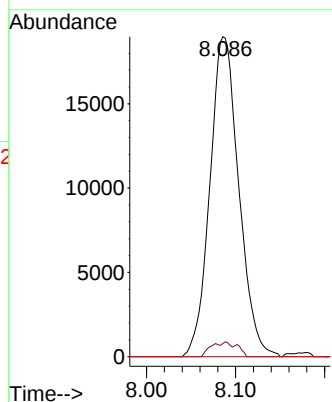


#38
Carbon Tetrachloride
Concen: 5.518 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.123 min
Lab File: VN067354.D
Acq: 15 Jun 2021 18:26

Instrument :
MSVOA_N
ClientSampleId :

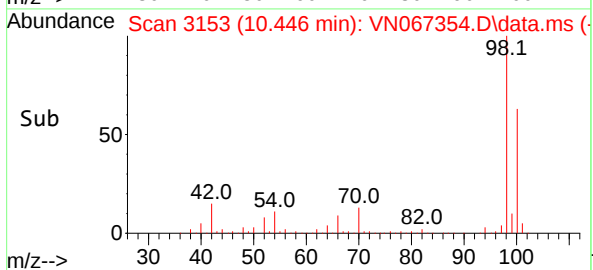
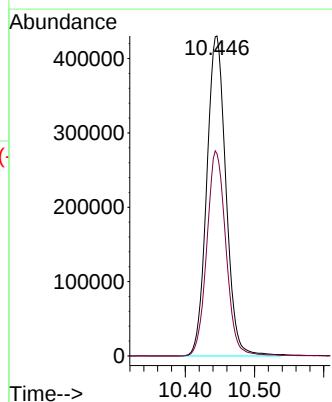
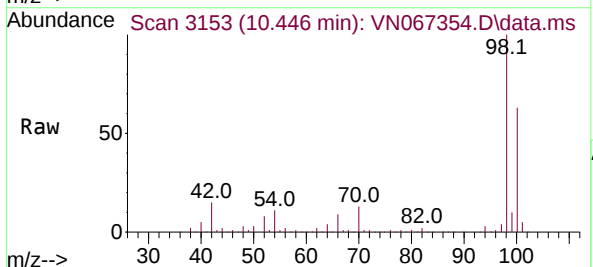


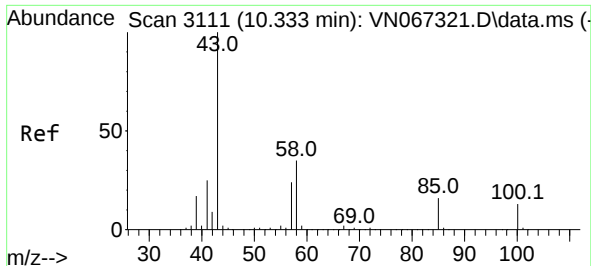
Tgt Ion:117 Resp: 42835
Ion Ratio Lower Upper
117 100
119 4.1 75.4 113.2#
121 0.0 23.5 35.3#



#50
Toluene-d8
Concen: 50.459 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN067354.D
Acq: 15 Jun 2021 18:26

Tgt Ion: 98 Resp: 828605
Ion Ratio Lower Upper
98 100
100 63.8 51.7 77.5

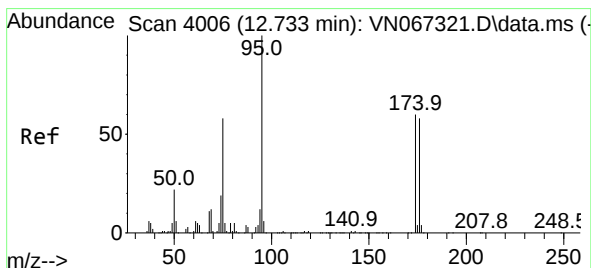
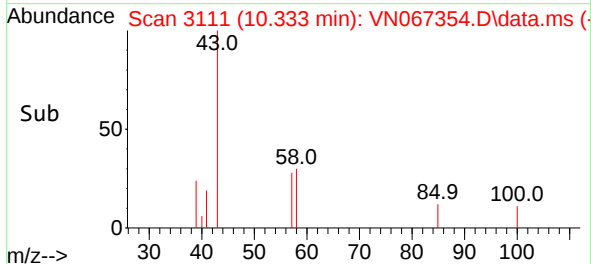
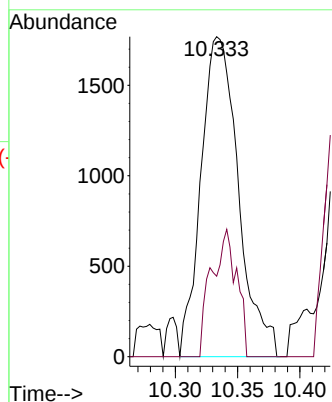
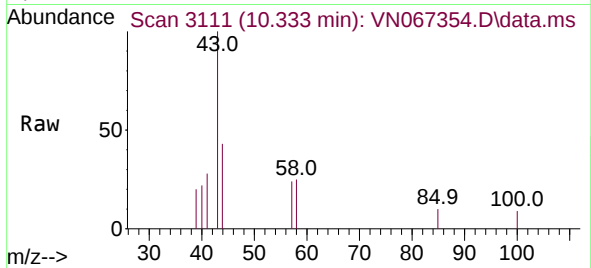




#51
4-Methyl-2-Pentanone
Concen: 0.468 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.000 min
Lab File: VN067354.D
Acq: 15 Jun 2021 18:26

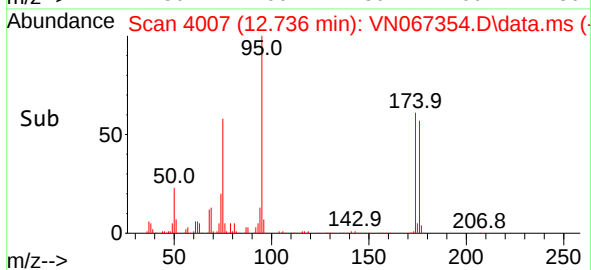
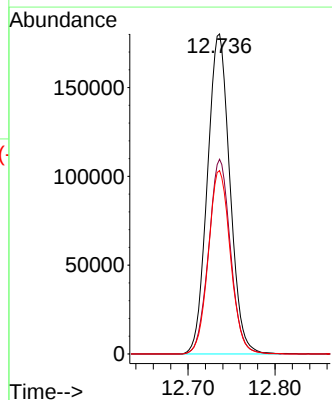
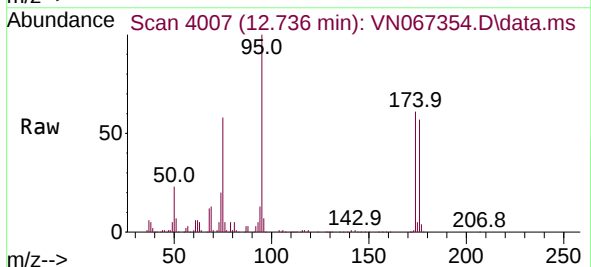
Instrument :
MSVOA_N
ClientSampled :

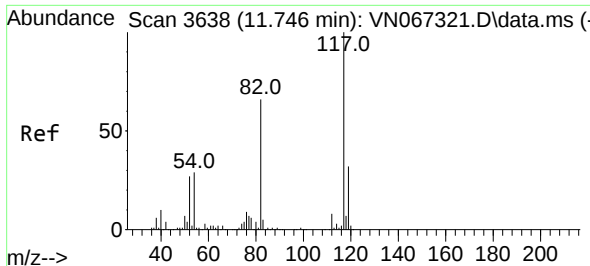
Tgt Ion: 43 Resp: 3698
Ion Ratio Lower Upper
43 100
58 26.7 28.6 43.0#



#62
4-Bromofluorobenzene
Concen: 47.786 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.003 min
Lab File: VN067354.D
Acq: 15 Jun 2021 18:26

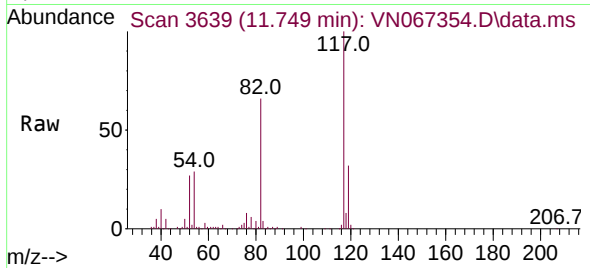
Tgt Ion: 95 Resp: 323839
Ion Ratio Lower Upper
95 100
174 59.2 0.0 122.0
176 56.3 0.0 117.6



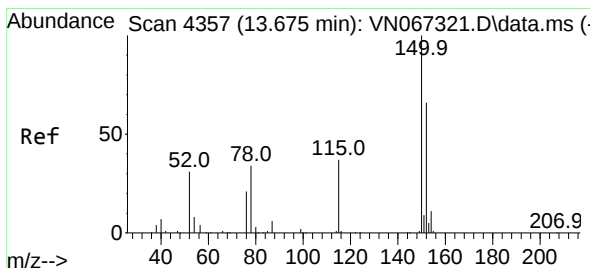
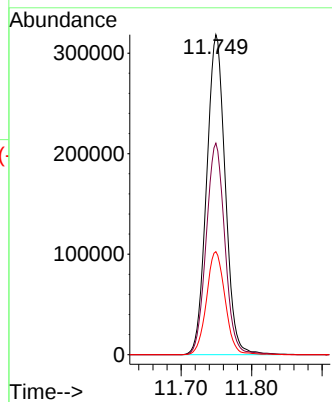
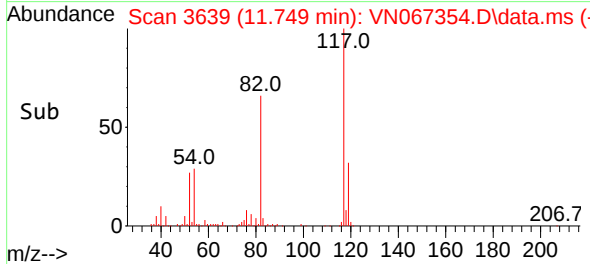


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN067354.D
Acq: 15 Jun 2021 18:26

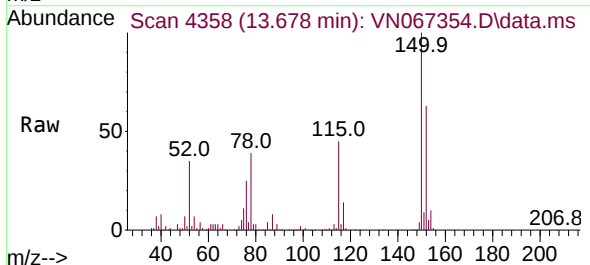
Instrument :
MSVOA_N
ClientSampleId :



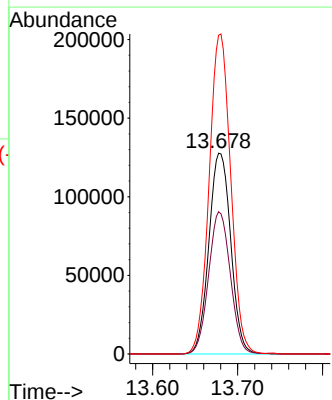
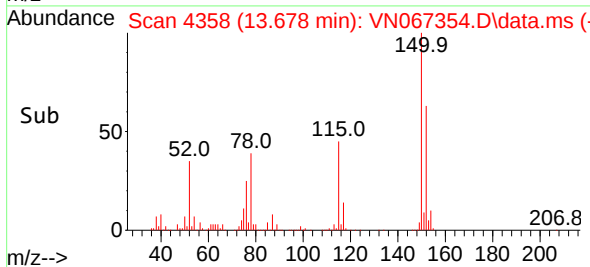
Tgt Ion:117 Resp: 584729
Ion Ratio Lower Upper
117 100
82 66.1 53.1 79.7
119 32.2 25.5 38.3

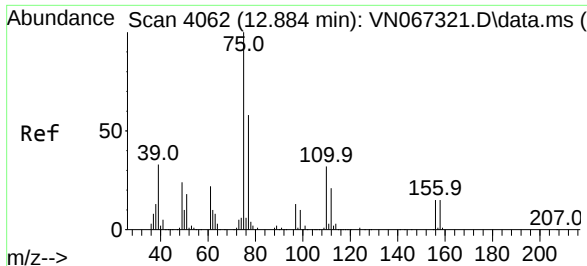


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN067354.D
Acq: 15 Jun 2021 18:26



Tgt Ion:152 Resp: 228148
Ion Ratio Lower Upper
152 100
115 70.4 36.1 108.5
150 156.7 0.0 351.8

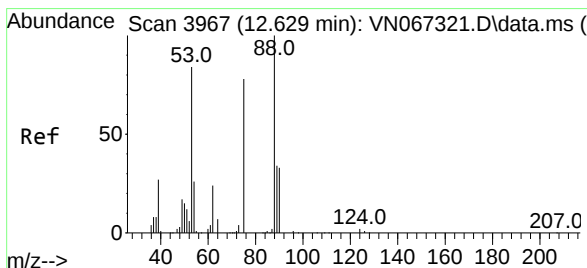
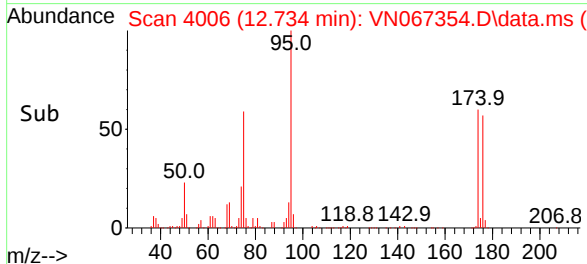
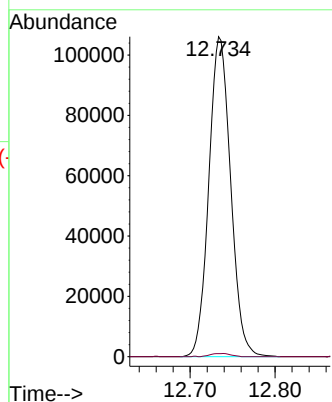
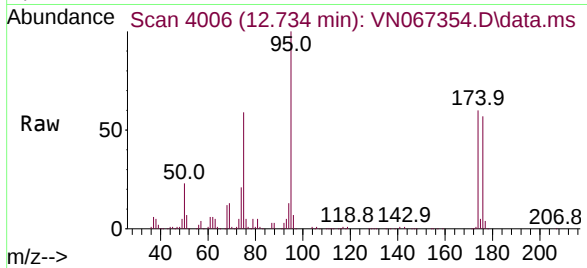




#76
1,2,3-Trichloropropane
Concen: 31.927 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.150 min
Lab File: VN067354.D
Acq: 15 Jun 2021 18:26

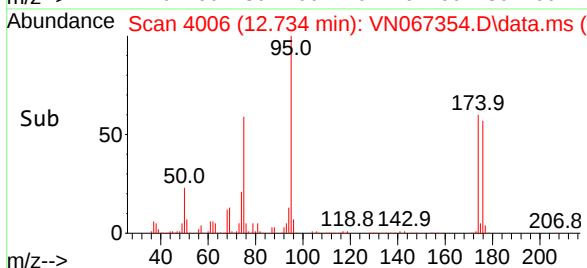
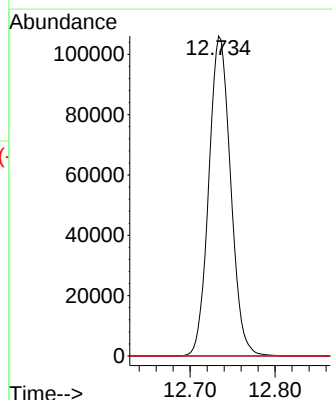
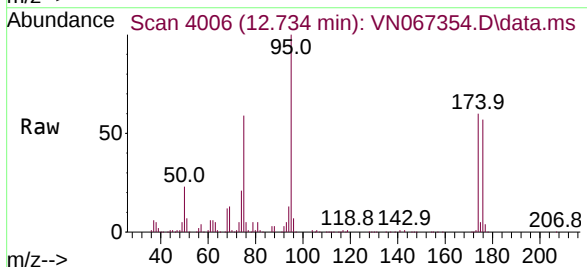
Instrument :
MSVOA_N
ClientSampleId :

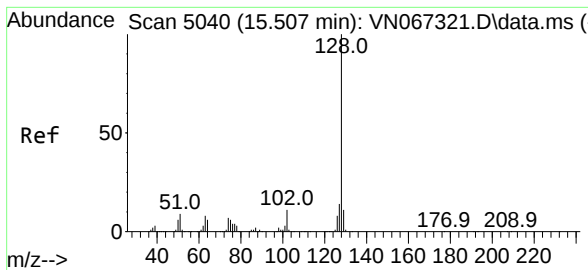
Tgt Ion: 75 Resp: 189157
Ion Ratio Lower Upper
75 100
77 0.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 79.126 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.105 min
Lab File: VN067354.D
Acq: 15 Jun 2021 18:26

Tgt Ion: 75 Resp: 189157
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#





#95
Naphthalene
Concen: 2.715 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN067354.D
Acq: 15 Jun 2021 18:26

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.6	15.8#
129	0.0	8.6	12.8#

