

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061521\
 Data File : VN067360.D
 Acq On : 15 Jun 2021 20:51
 Operator : JC/MD
 Sample : M2709-18
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 16 02:41:35 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)

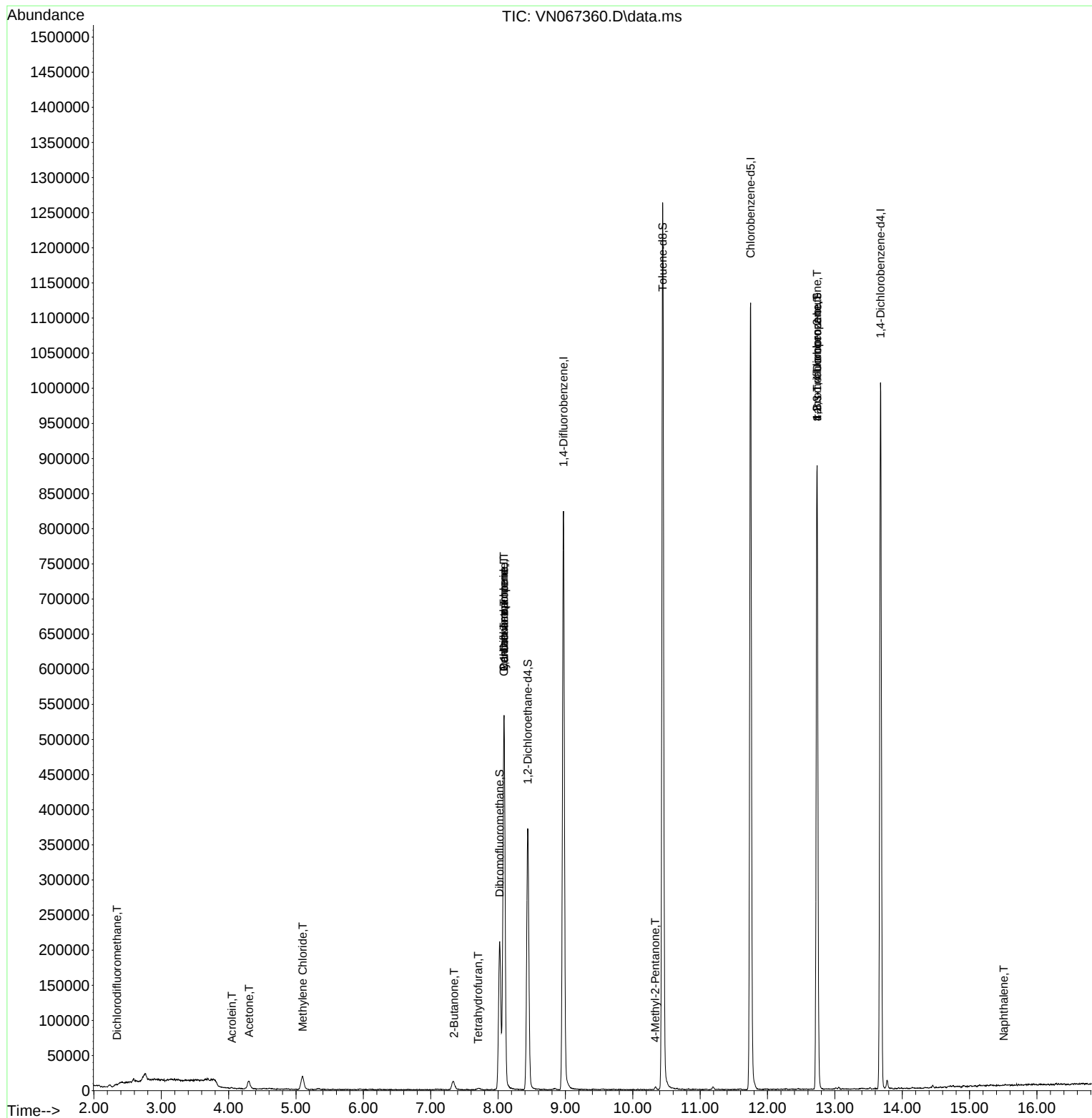
Internal Standards						
1) Pentafluorobenzene	8.088	168	343762	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	655698	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	601668	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	234169	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	329130	48.534	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	=	97.060%	
35) Dibromofluoromethane	8.024	113	149762	34.342	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	=	68.680%#	
50) Toluene-d8	10.443	98	842036	50.377	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	=	100.760%	
62) 4-Bromofluorobenzene	12.736	95	326224	47.293	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	=	94.580%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.344	85	55	1.336	ug/l #	43
13) Acrolein	4.049	56	1036	1.487	ug/l #	57
16) Acetone	4.301	43	20934	8.044	ug/l	97
20) Methylene Chloride	5.098	84	9327	1.723	ug/l	93
25) 2-Butanone	7.345	43	2280	0.613	ug/l	94
29) Tetrahydrofuran	7.705	42	952	0.406	ug/l #	78
31) Cyclohexane	8.086	56	12131	1.316	ug/l #	35
36) 1,1-Dichloropropene	8.088	75	38858	5.286	ug/l #	51
38) Carbon Tetrachloride	8.088	117	43133	5.459	ug/l #	17
51) 4-Methyl-2-Pentanone	10.336	43	2941	0.365	ug/l	98
76) 1,2,3-Trichloropropane	12.736	75	191944	31.565	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.736	75	191944	78.227	ug/l #	6
95) Naphthalene	15.507	128	306	2.628	ug/l #	69

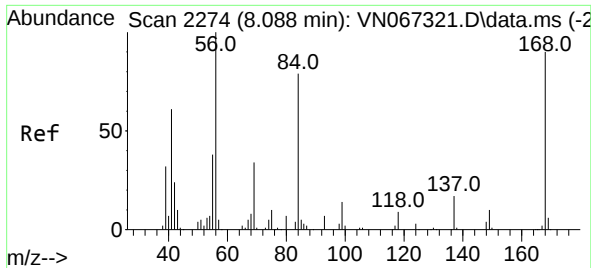
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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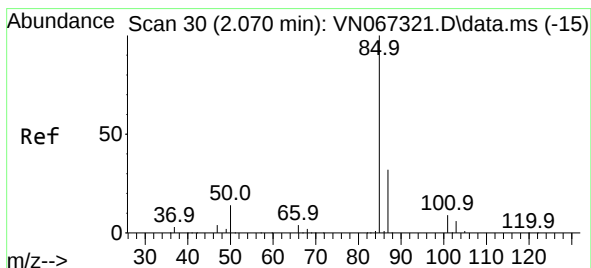
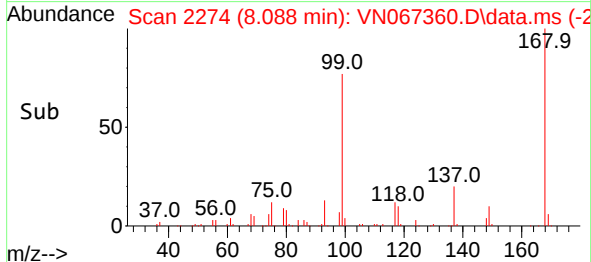
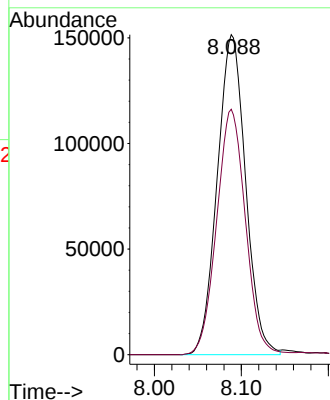
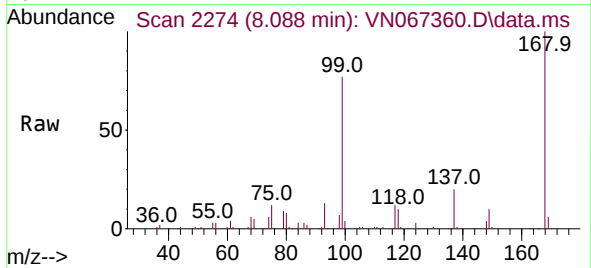




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN067360.D
Acq: 15 Jun 2021 20:51

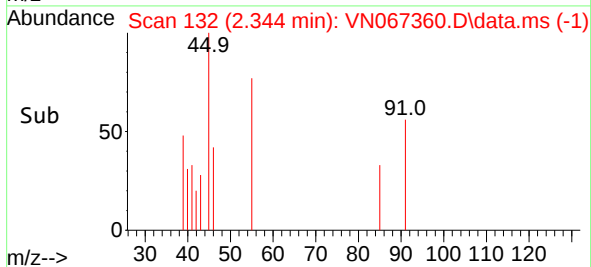
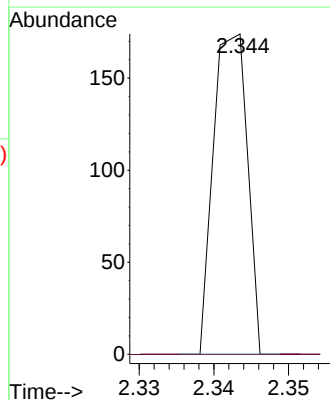
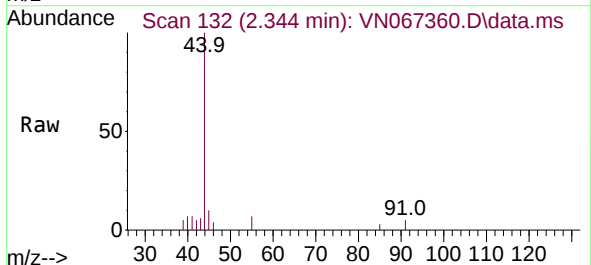
Instrument :
MSVOA_N
ClientSampled :

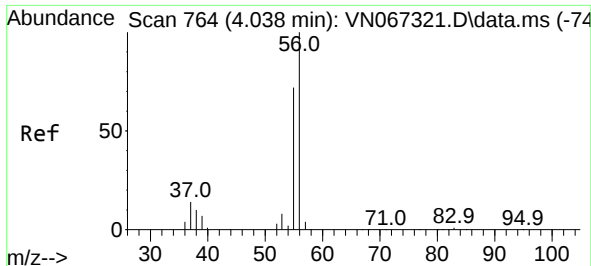
Tgt Ion:168 Resp: 343762
Ion Ratio Lower Upper
168 100
99 76.7 62.9 94.3



#2
Dichlorodifluoromethane
Concen: 1.336 ug/l
RT: 2.344 min Scan# 132
Delta R.T. 0.274 min
Lab File: VN067360.D
Acq: 15 Jun 2021 20:51

Tgt Ion: 85 Resp: 55
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

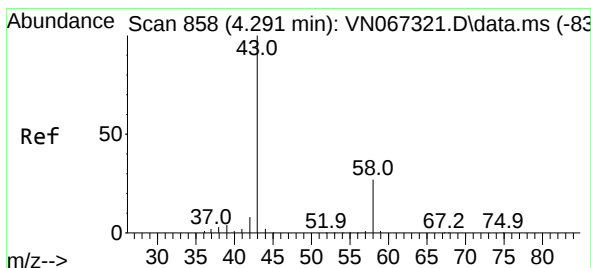
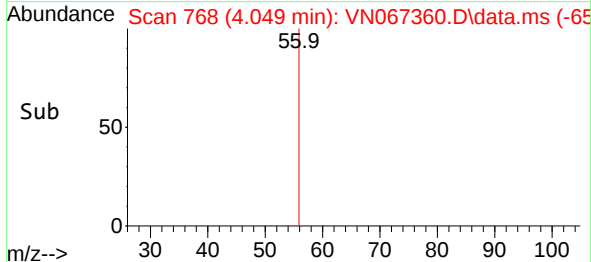
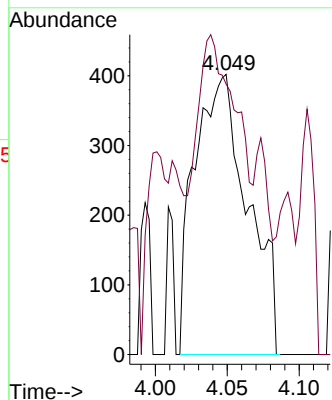
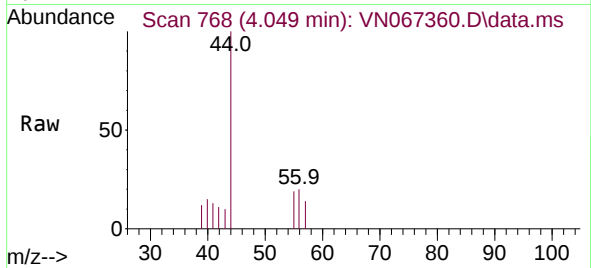




#13
Acrolein
Concen: 1.487 ug/l
RT: 4.049 min Scan# 768
Delta R.T. 0.011 min
Lab File: VN067360.D
Acq: 15 Jun 2021 20:51

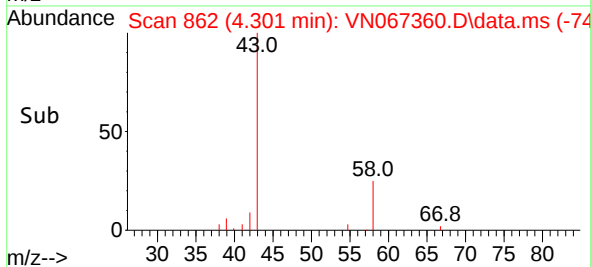
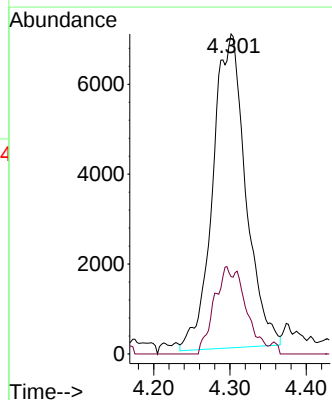
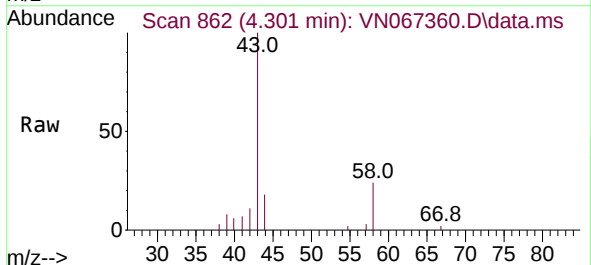
Instrument :
MSVOA_N
ClientSampled :

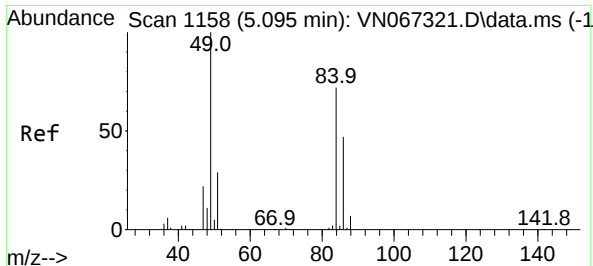
Tgt Ion: 56 Resp: 1036
Ion Ratio Lower Upper
56 100
55 36.3 57.4 86.0#



#16
Acetone
Concen: 8.044 ug/l
RT: 4.301 min Scan# 862
Delta R.T. 0.010 min
Lab File: VN067360.D
Acq: 15 Jun 2021 20:51

Tgt Ion: 43 Resp: 20934
Ion Ratio Lower Upper
43 100
58 24.8 21.2 31.8





#20

Methylene Chloride

Concen: 1.723 ug/l

RT: 5.098 min Scan# 1159

Delta R.T. 0.003 min

Lab File: VN067360.D

Acq: 15 Jun 2021 20:51

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 84 Resp: 9327

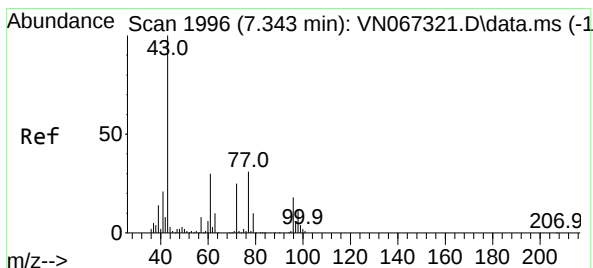
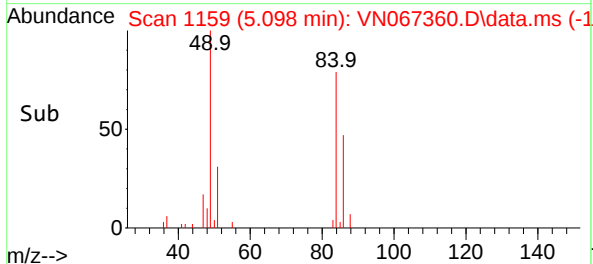
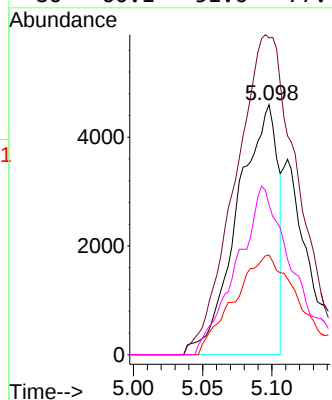
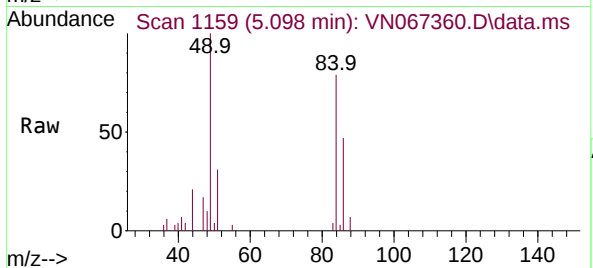
Ion Ratio Lower Upper

84 100

49 126.7 110.9 166.3

51 39.9 32.6 49.0

86 60.1 51.6 77.4



#25

2-Butanone

Concen: 0.613 ug/l

RT: 7.345 min Scan# 1997

Delta R.T. 0.002 min

Lab File: VN067360.D

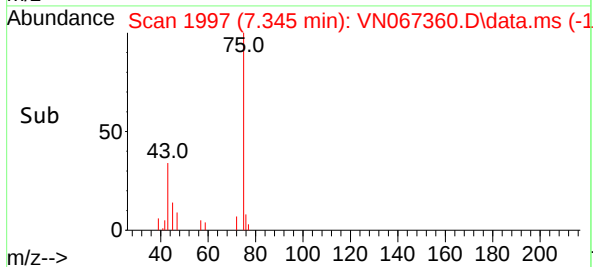
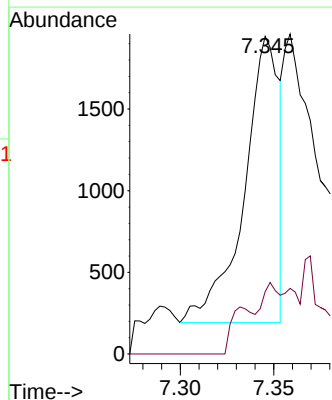
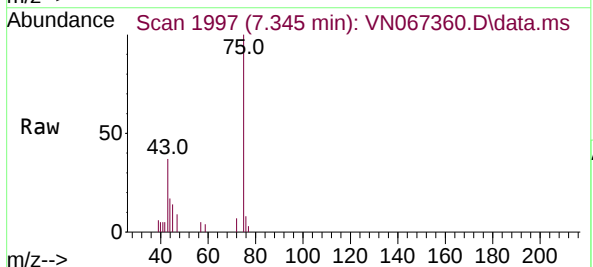
Acq: 15 Jun 2021 20:51

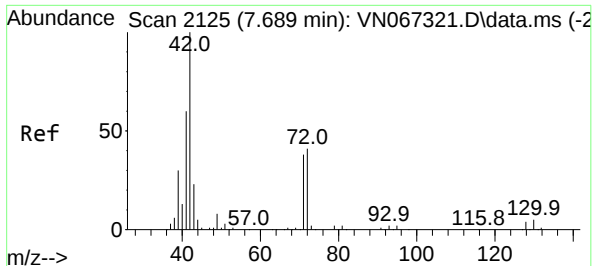
Tgt Ion: 43 Resp: 2280

Ion Ratio Lower Upper

43 100

72 21.7 19.7 29.5





#29

Tetrahydrofuran

Concen: 0.406 ug/l

RT: 7.705 min Scan# 2131

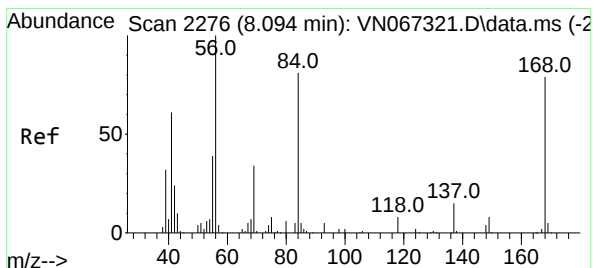
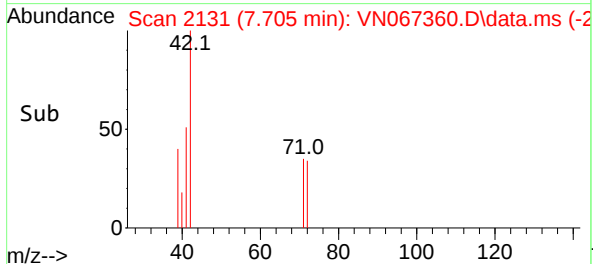
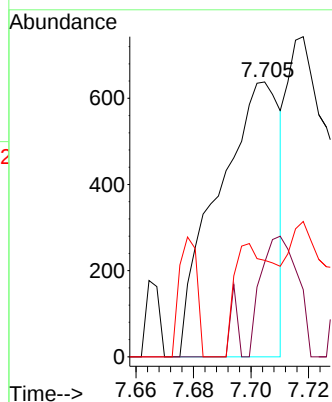
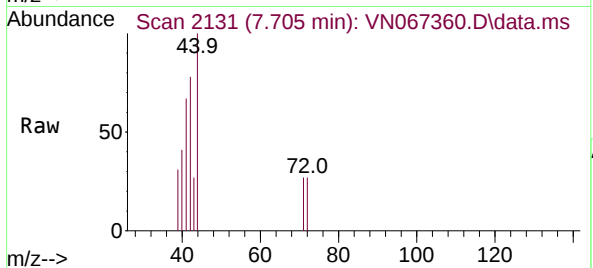
Delta R.T. 0.016 min

Lab File: VN067360.D

Acq: 15 Jun 2021 20:51

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion:	42	Resp:	952
Ion	Ratio	Lower	Upper
42	100		
72	26.1	32.8	49.2#
71	26.9	31.2	46.8#



#31

Cyclohexane

Concen: 1.316 ug/l

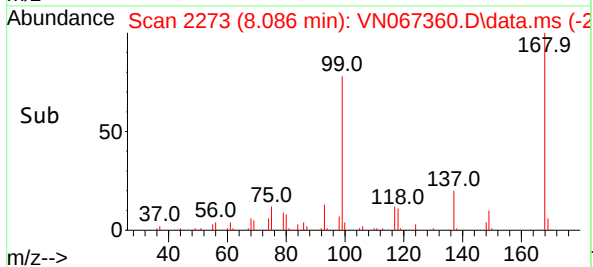
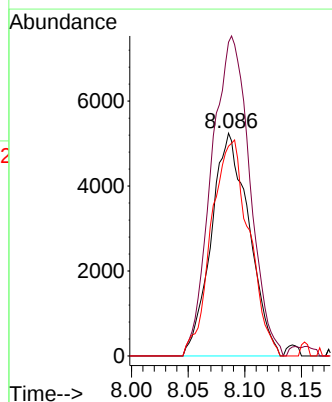
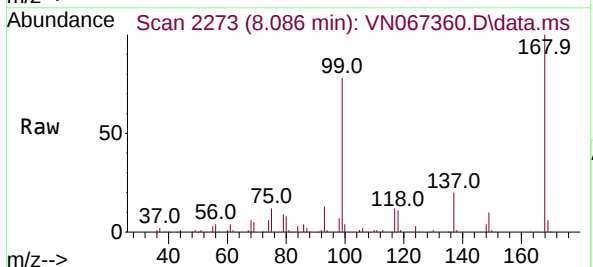
RT: 8.086 min Scan# 2273

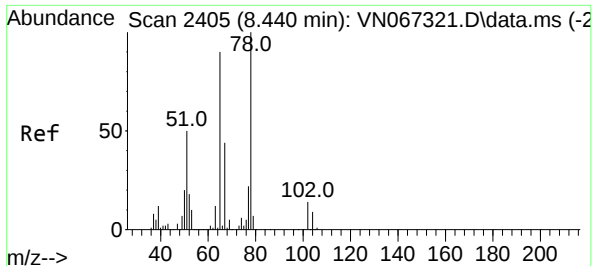
Delta R.T. -0.008 min

Lab File: VN067360.D

Acq: 15 Jun 2021 20:51

Tgt Ion:	56	Resp:	12131
Ion	Ratio	Lower	Upper
56	100		
69	140.8	27.3	40.9#
84	94.1	64.9	97.3

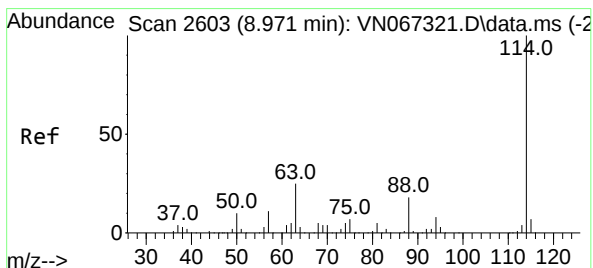
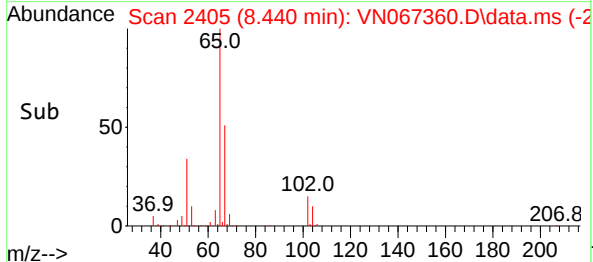
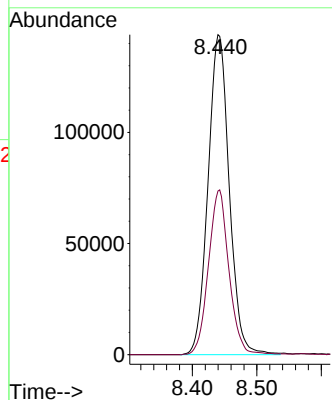
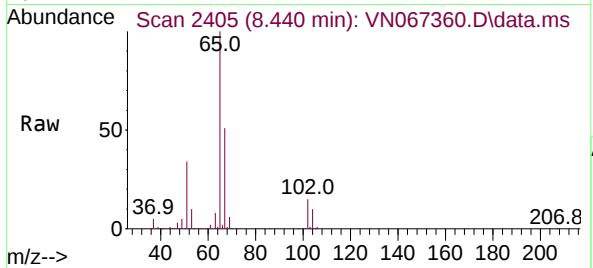




#33
 1,2-Dichloroethane-d4
 Concen: 48.534 ug/l
 RT: 8.440 min Scan# 2405
 Delta R.T. -0.000 min
 Lab File: VN067360.D
 Acq: 15 Jun 2021 20:51

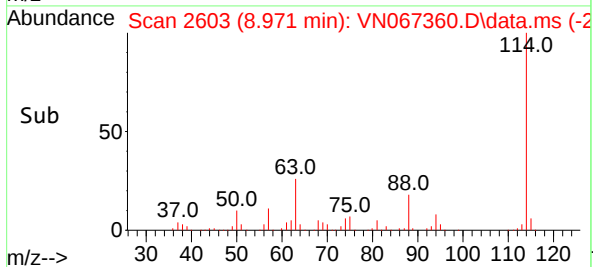
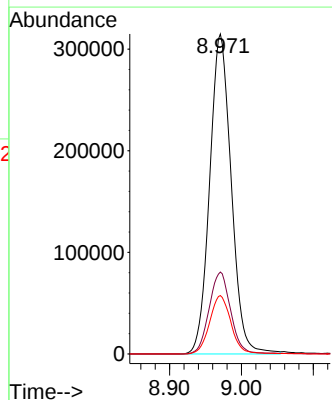
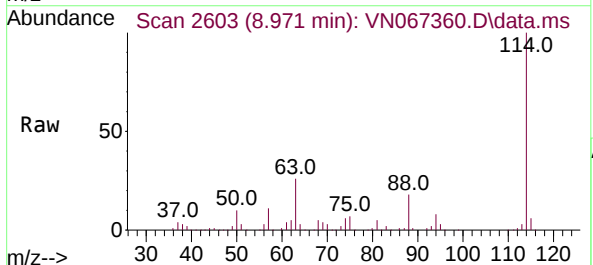
Instrument :
 MSVOA_N
 ClientSampled :

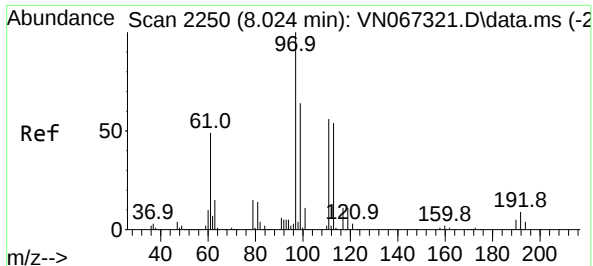
Tgt Ion: 65 Resp: 329130
 Ion Ratio Lower Upper
 65 100
 67 49.7 0.0 98.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.971 min Scan# 2603
 Delta R.T. 0.000 min
 Lab File: VN067360.D
 Acq: 15 Jun 2021 20:51

Tgt Ion: 114 Resp: 655698
 Ion Ratio Lower Upper
 114 100
 63 25.6 0.0 49.0
 88 18.3 0.0 36.6

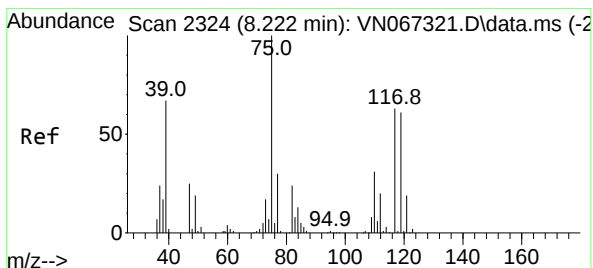
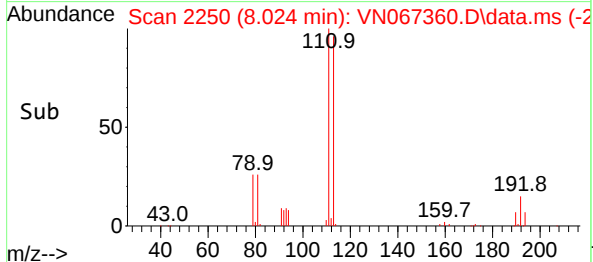
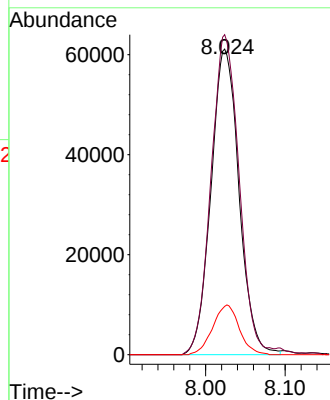
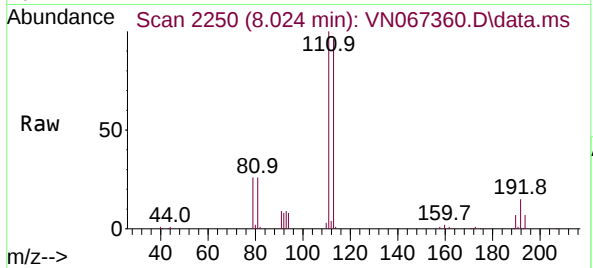




#35
Dibromofluoromethane
Concen: 34.342 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VN067360.D
Acq: 15 Jun 2021 20:51

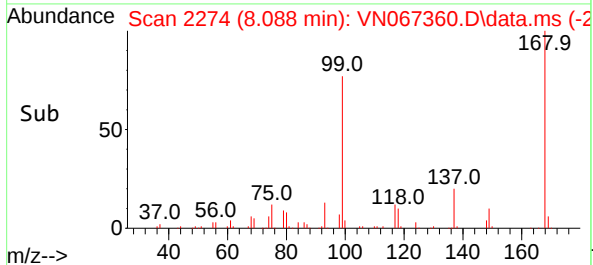
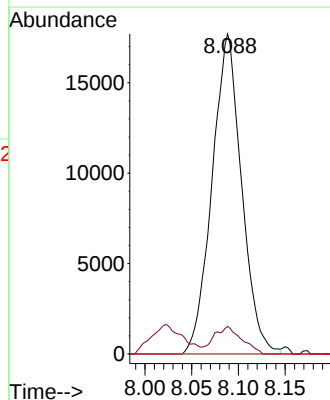
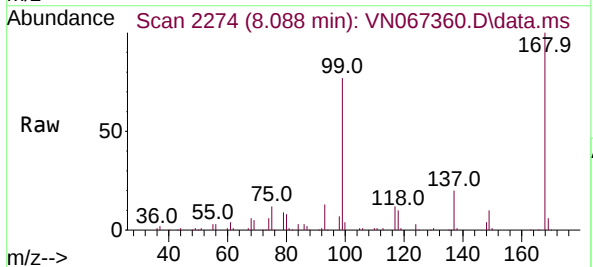
Instrument :
MSVOA_N
ClientSampled :

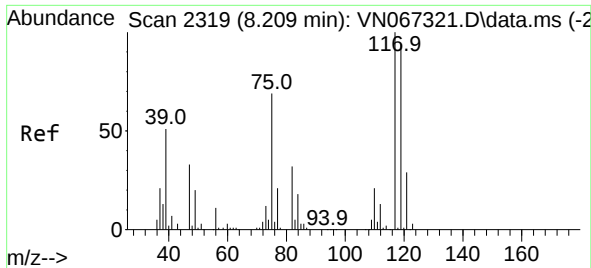
Tgt Ion:113 Resp: 149762
Ion Ratio Lower Upper
113 100
111 104.6 83.8 125.8
192 15.4 13.4 20.0



#36
1,1-Dichloropropene
Concen: 5.286 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.134 min
Lab File: VN067360.D
Acq: 15 Jun 2021 20:51

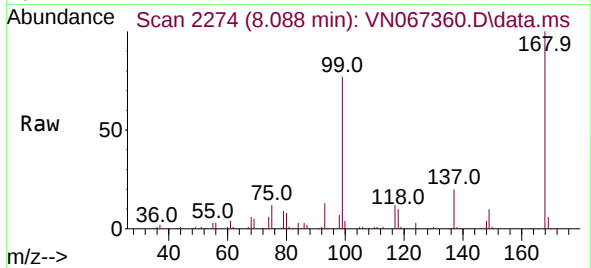
Tgt Ion: 75 Resp: 38858
Ion Ratio Lower Upper
75 100
110 8.1 15.7 47.0#
77 0.0 24.6 37.0#



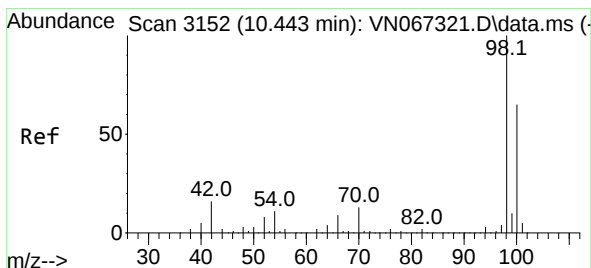
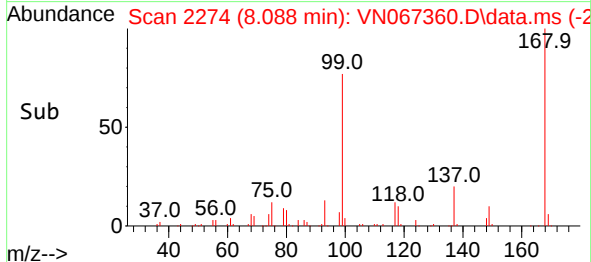
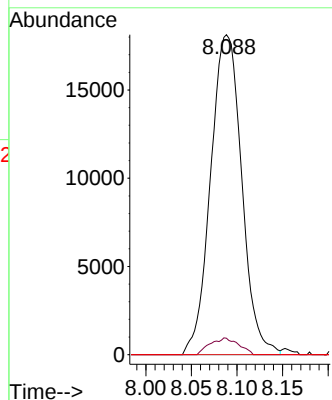


#38
Carbon Tetrachloride
Concen: 5.459 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.121 min
Lab File: VN067360.D
Acq: 15 Jun 2021 20:51

Instrument :
MSVOA_N
ClientSampled :

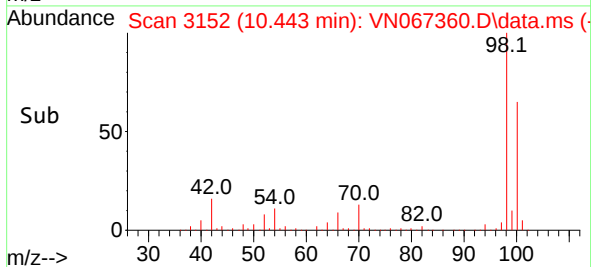
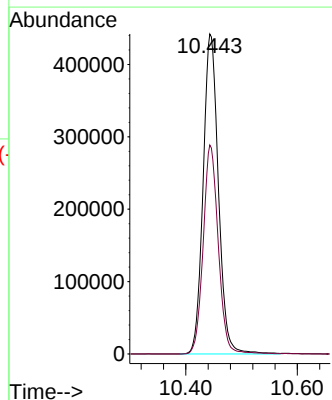
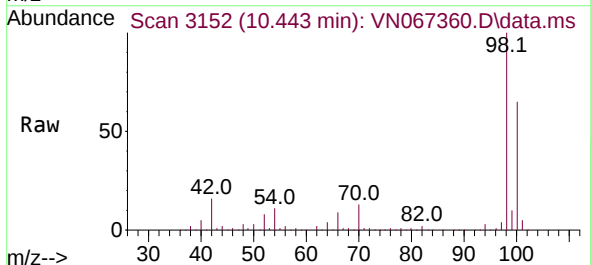


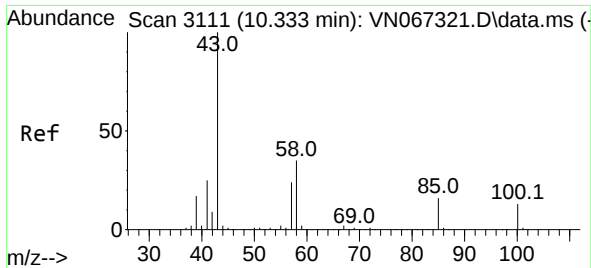
Tgt Ion:117 Resp: 43133
Ion Ratio Lower Upper
117 100
119 5.1 75.4 113.2#
121 0.0 23.5 35.3#



#50
Toluene-d8
Concen: 50.377 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN067360.D
Acq: 15 Jun 2021 20:51

Tgt Ion: 98 Resp: 842036
Ion Ratio Lower Upper
98 100
100 64.4 51.7 77.5

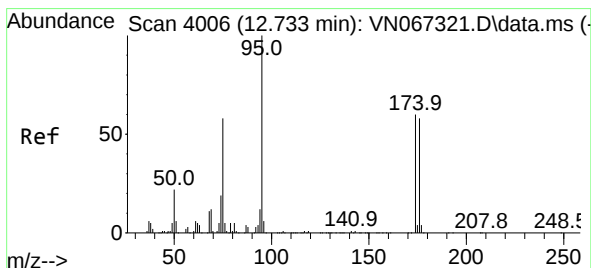
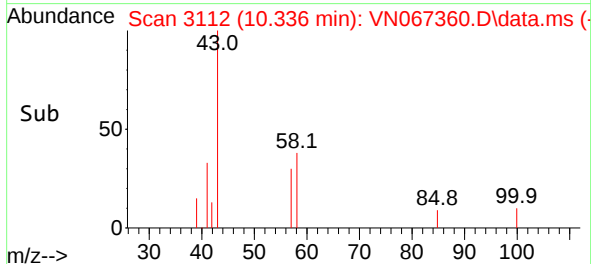
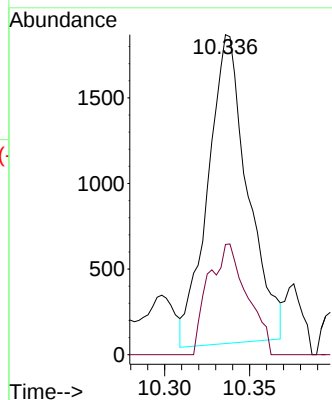
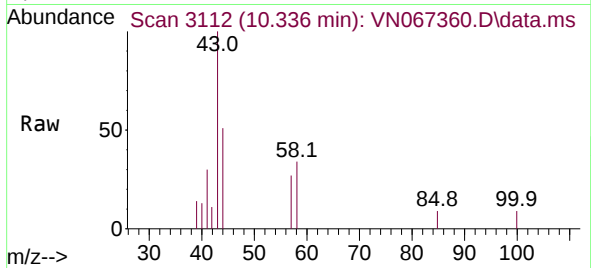




#51
4-Methyl-2-Pentanone
Concen: 0.365 ug/l
RT: 10.336 min Scan# 3112
Delta R.T. 0.003 min
Lab File: VN067360.D
Acq: 15 Jun 2021 20:51

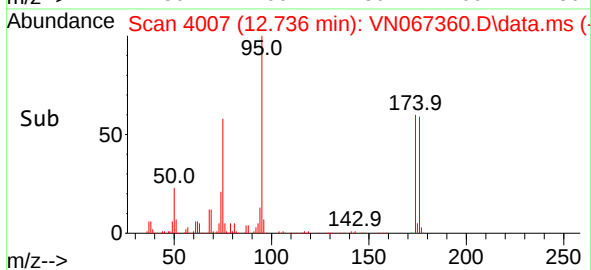
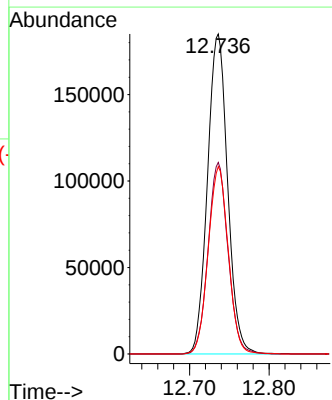
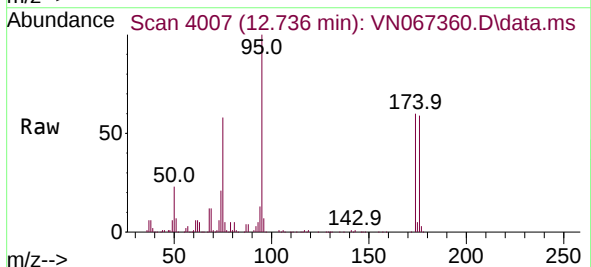
Instrument :
MSVOA_N
ClientSampled :

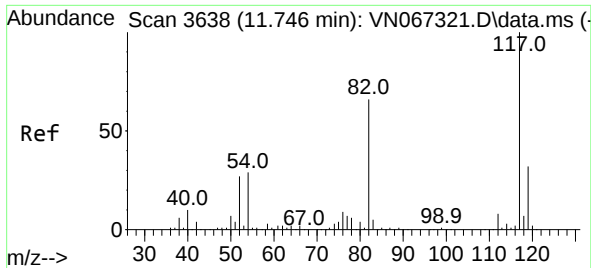
Tgt Ion: 43 Resp: 2941
Ion Ratio Lower Upper
43 100
58 34.8 28.6 43.0



#62
4-Bromofluorobenzene
Concen: 47.293 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.003 min
Lab File: VN067360.D
Acq: 15 Jun 2021 20:51

Tgt Ion: 95 Resp: 326224
Ion Ratio Lower Upper
95 100
174 59.2 0.0 122.0
176 58.3 0.0 117.6

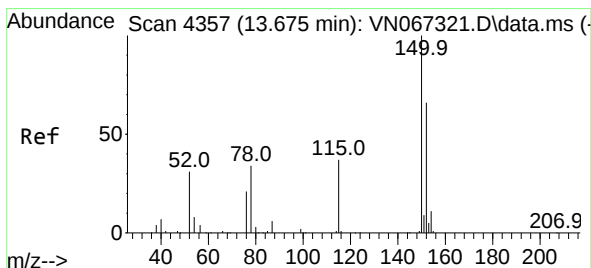
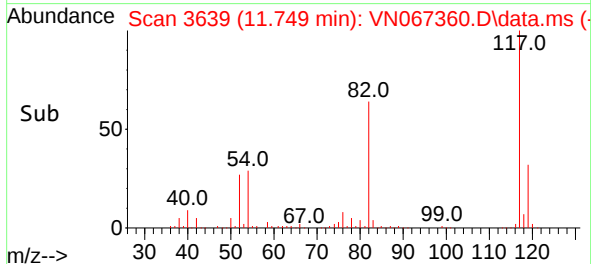
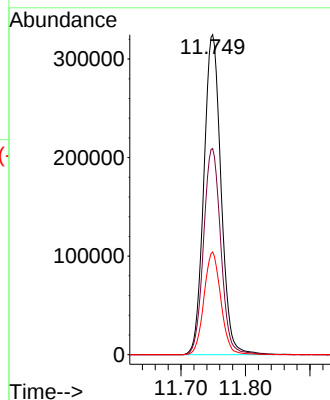
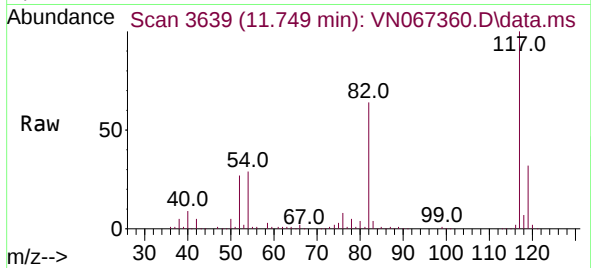




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN067360.D
Acq: 15 Jun 2021 20:51

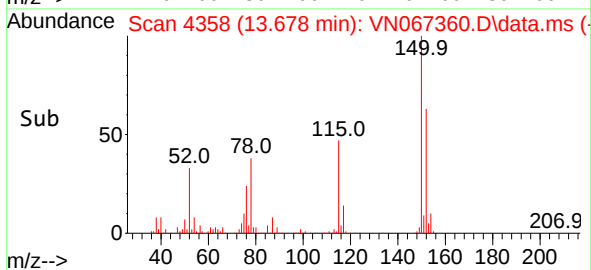
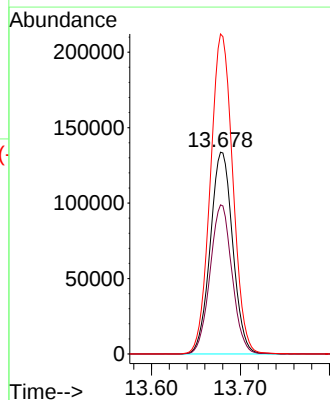
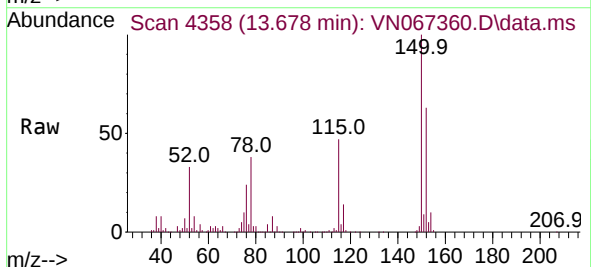
Instrument :
MSVOA_N
ClientSampled :

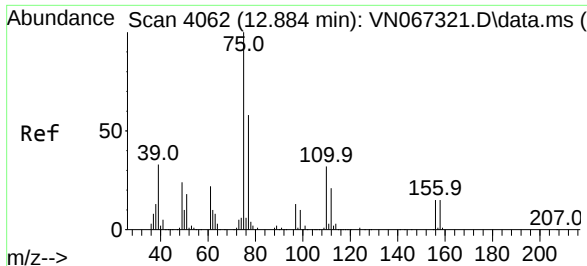
Tgt Ion:117 Resp: 601668
Ion Ratio Lower Upper
117 100
82 64.4 53.1 79.7
119 32.1 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN067360.D
Acq: 15 Jun 2021 20:51

Tgt Ion:152 Resp: 234169
Ion Ratio Lower Upper
152 100
115 72.2 36.1 108.5
150 159.1 0.0 351.8

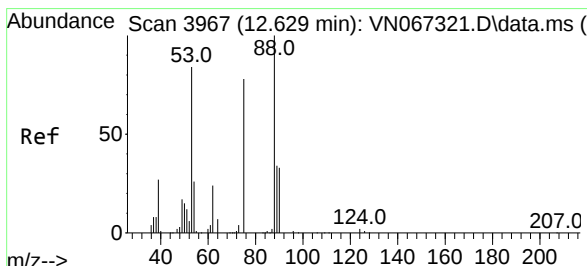
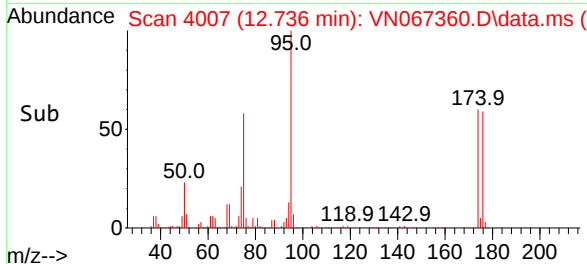
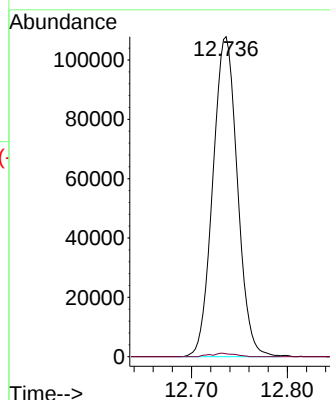
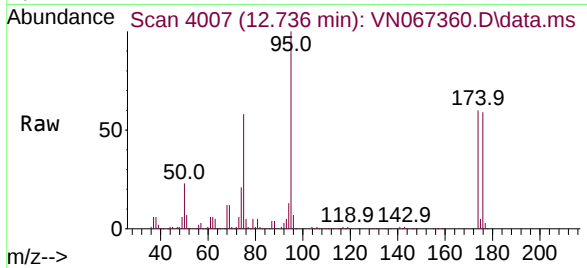




#76
1,2,3-Trichloropropane
Concen: 31.565 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. -0.148 min
Lab File: VN067360.D
Acq: 15 Jun 2021 20:51

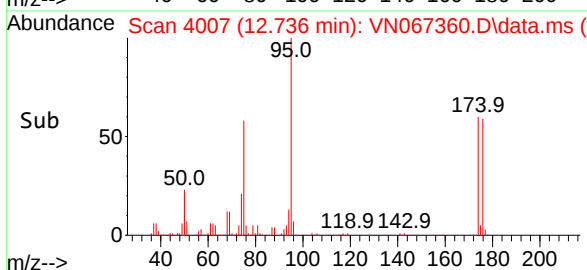
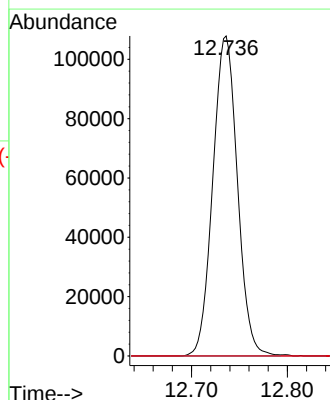
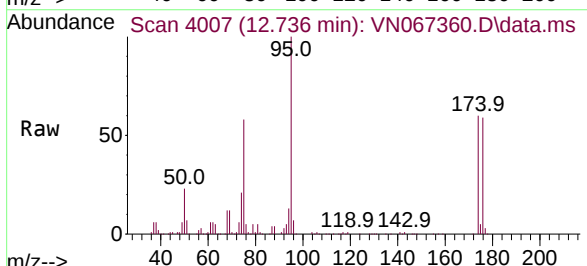
Instrument :
MSVOA_N
ClientSampled :

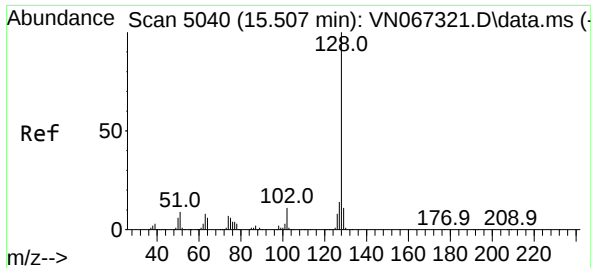
Tgt Ion: 75 Resp: 191944
Ion Ratio Lower Upper
75 100
77 0.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 78.227 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.107 min
Lab File: VN067360.D
Acq: 15 Jun 2021 20:51

Tgt Ion: 75 Resp: 191944
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#





#95
Naphthalene
Concen: 2.628 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN067360.D
Acq: 15 Jun 2021 20:51

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 306
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 0.0 8.6 12.8#

