

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN063021\
 Data File : VN067576.D
 Acq On : 30 Jun 2021 16:54
 Operator : JC/MD
 Sample : M2781-01
 Misc : 9.50g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 01 01:29:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062821W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 28 14:31:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.080	168	297727	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	550274	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	569312	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	244950	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	228100	55.980	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 111.960%	
35) Dibromofluoromethane	8.019	113	163389	47.891	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 95.780%	
50) Toluene-d8	10.443	98	766159	55.282	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 110.560%	
62) 4-Bromofluorobenzene	12.734	95	277788	57.383	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 114.760%	

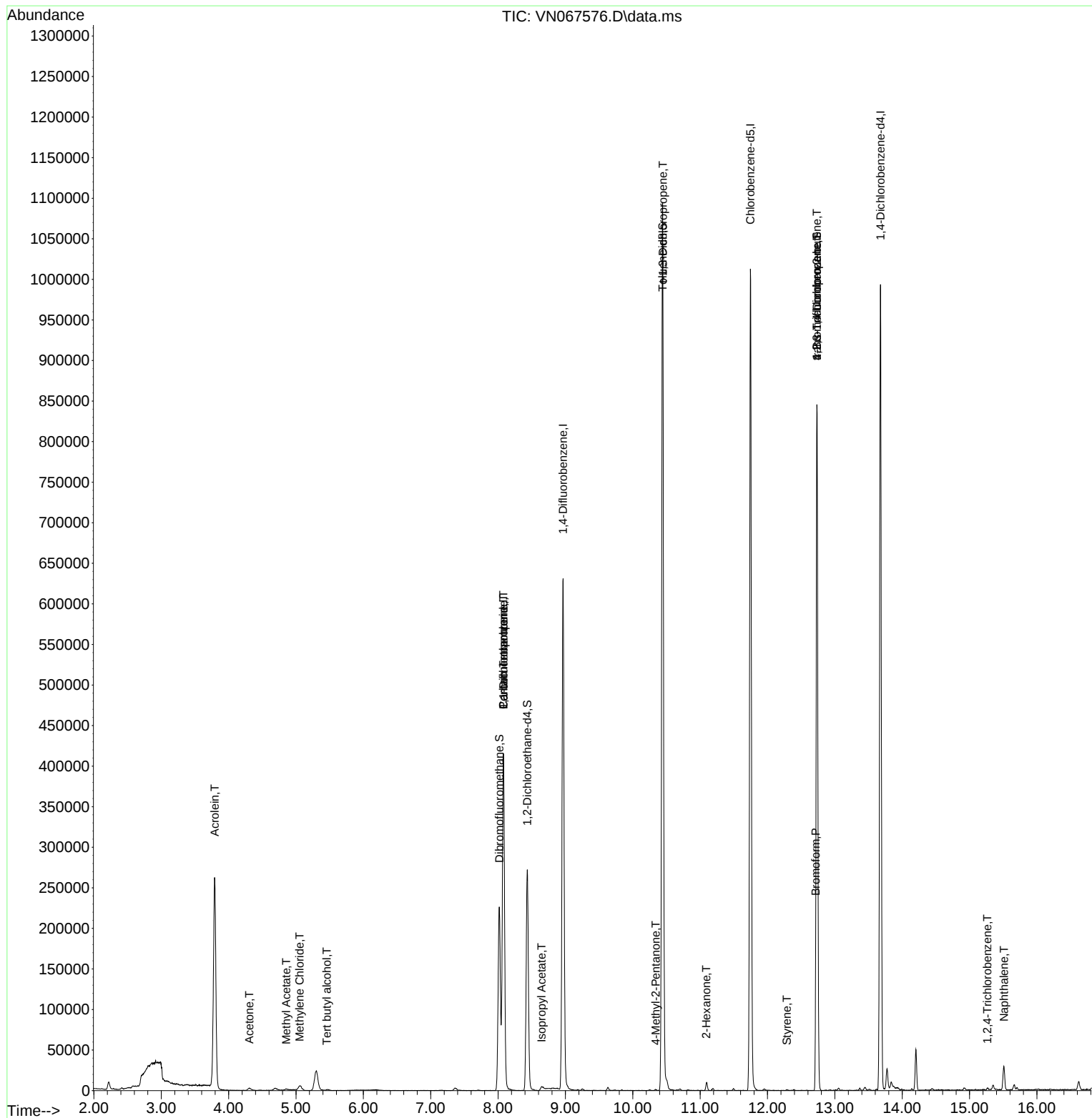
Target Compounds			Qvalue			
11) Tert butyl alcohol	5.457	59	2885	4.743	ug/l #	71
13) Acrolein	3.795	56	49	2.348	ug/l #	1
16) Acetone	4.307	43	6236	4.640	ug/l	94
18) Methyl Acetate	4.857	43	3077	0.858	ug/l #	72
20) Methylene Chloride	5.052	84	1984	0.359	ug/l	92
31) Cyclohexane	8.078	56	8279	Below Cal	#	30
36) 1,1-Dichloropropene	8.078	75	27745	5.585	ug/l #	52
38) Carbon Tetrachloride	8.078	117	33470	6.290	ug/l #	16
43) Isopropyl Acetate	8.646	43	2814	0.361	ug/l #	58
51) 4-Methyl-2-Pentanone	10.341	43	1054	0.224	ug/l	92
53) t-1,3-Dichloropropene	10.449	75	51	2.263	ug/l #	1
59) 2-Hexanone	11.092	43	2658	0.801	ug/l	85
70) Styrene	12.288	104	328	1.905	ug/l #	49
71) Bromoform	12.715	173	92	3.483	ug/l #	1
76) 1,2,3-Trichloropropane	12.734	75	160440	32.678	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.734	75	160440	93.950	ug/l #	6
93) 1,2,4-Trichlorobenzene	15.265	180	951	0.268	ug/l	86
95) Naphthalene	15.509	128	25680	5.174	ug/l	99

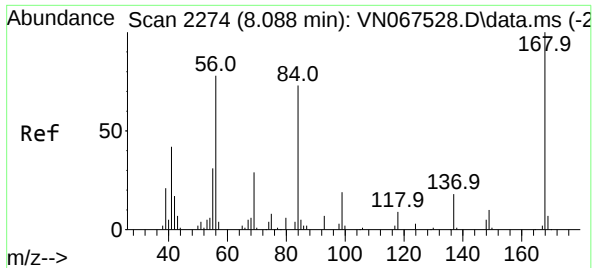
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_N
ClientSampled :

Quant Time: Jul 01 01:29:08 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062821W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 28 14:31:03 2021
Response via : Initial Calibration

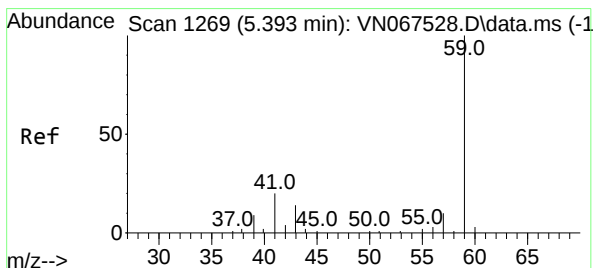
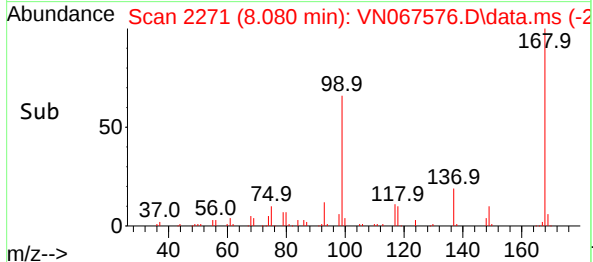
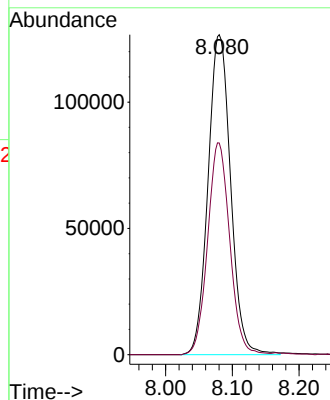
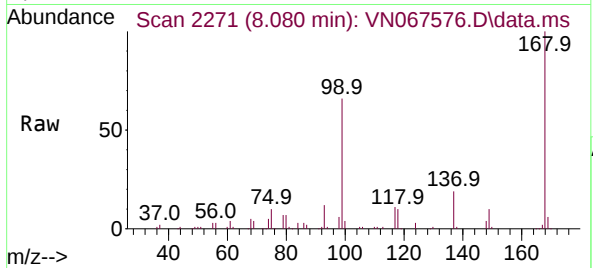




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 2271
Delta R.T. -0.008 min
Lab File: VN067576.D
Acq: 30 Jun 2021 16:54

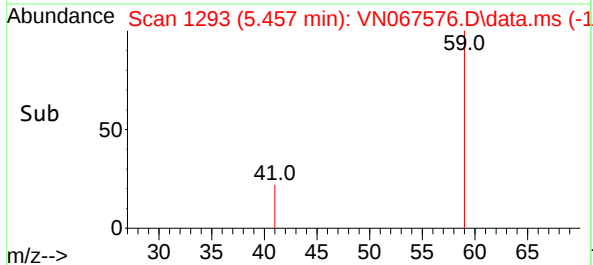
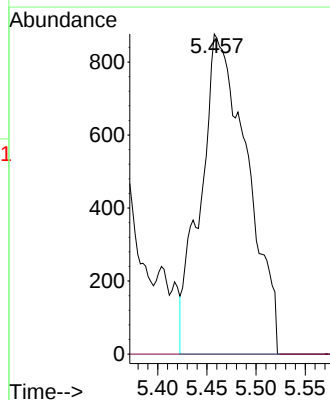
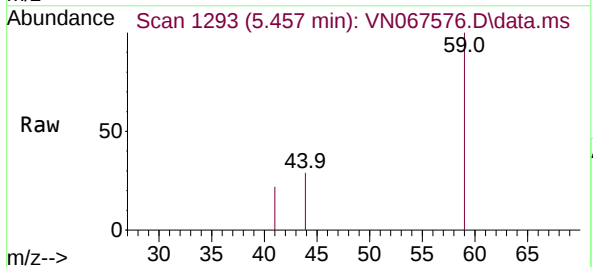
Instrument :
MSVOA_N
ClientSampleId :

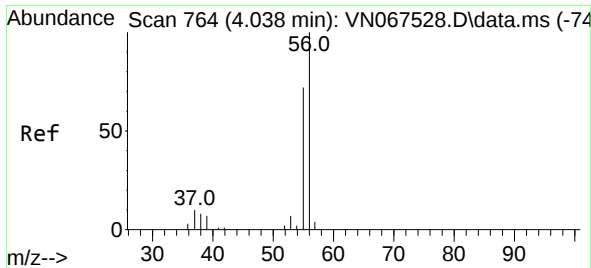
Tgt Ion:168 Resp: 297727
Ion Ratio Lower Upper
168 100
99 66.2 62.9 94.3



#11
Tert butyl alcohol
Concen: 4.743 ug/l
RT: 5.457 min Scan# 1293
Delta R.T. 0.064 min
Lab File: VN067576.D
Acq: 30 Jun 2021 16:54

Tgt Ion: 59 Resp: 2885
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

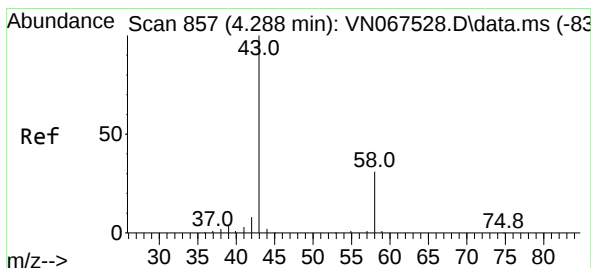
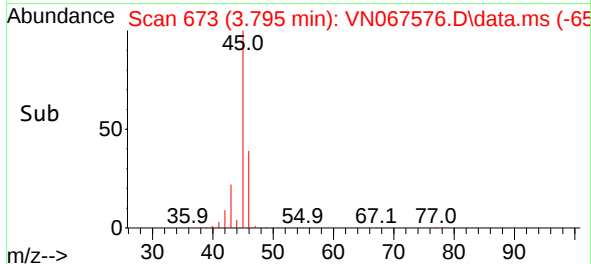
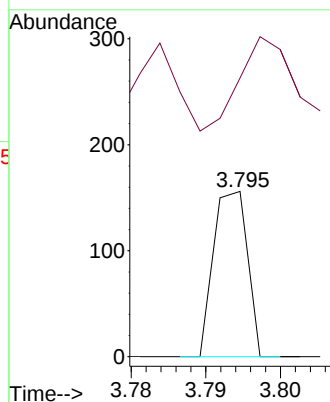
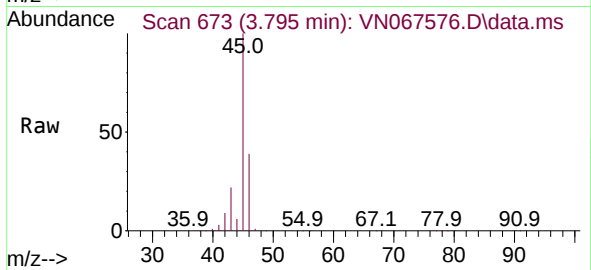




#13
Acrolein
Concen: 2.348 ug/l
RT: 3.795 min Scan# 673
Delta R.T. -0.243 min
Lab File: VN067576.D
Acq: 30 Jun 2021 16:54

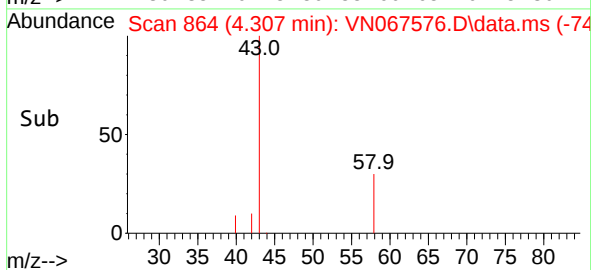
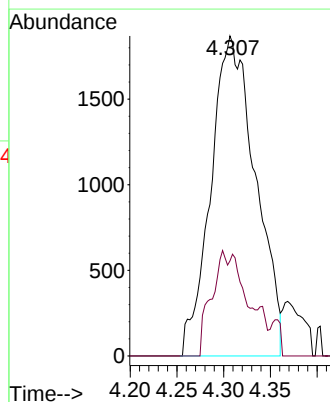
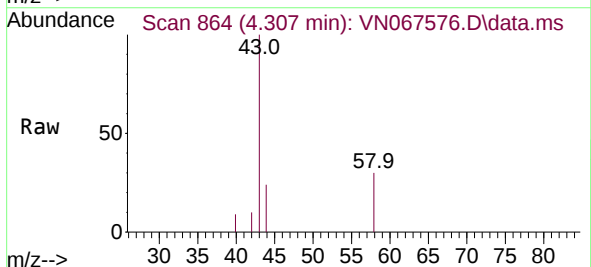
Instrument :
MSVOA_N
ClientSampled :

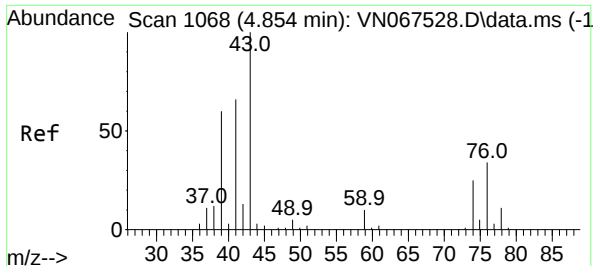
Tgt Ion: 56 Resp: 49
Ion Ratio Lower Upper
56 100
55 1071.4 57.4 86.0#



#16
Acetone
Concen: 4.640 ug/l
RT: 4.307 min Scan# 864
Delta R.T. 0.019 min
Lab File: VN067576.D
Acq: 30 Jun 2021 16:54

Tgt Ion: 43 Resp: 6236
Ion Ratio Lower Upper
43 100
58 29.7 21.2 31.8





#18

Methyl Acetate

Concen: 0.858 ug/l

RT: 4.857 min Scan# 1069

Delta R.T. 0.003 min

Lab File: VN067576.D

Acq: 30 Jun 2021 16:54

Tgt Ion: 43 Resp: 3077

Ion Ratio Lower Upper

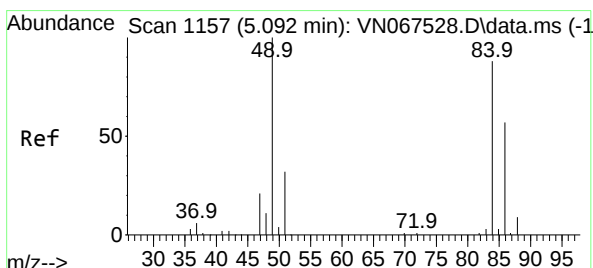
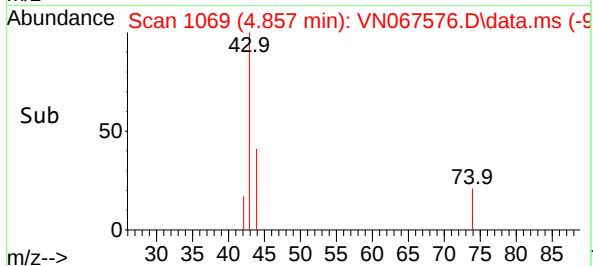
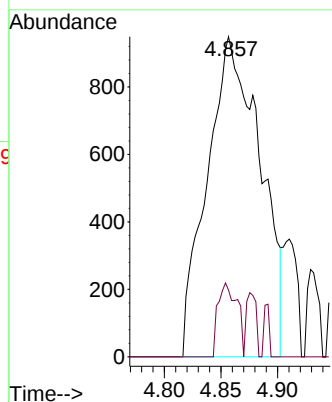
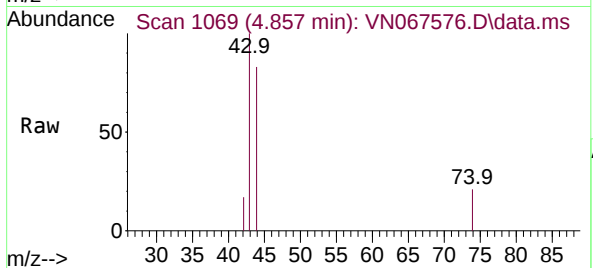
43 100

74 8.3 17.4 26.0#

Instrument :

MSVOA_N

ClientSampleId :



#20

Methylene Chloride

Concen: 0.359 ug/l

RT: 5.052 min Scan# 1142

Delta R.T. -0.040 min

Lab File: VN067576.D

Acq: 30 Jun 2021 16:54

Tgt Ion: 84 Resp: 1984

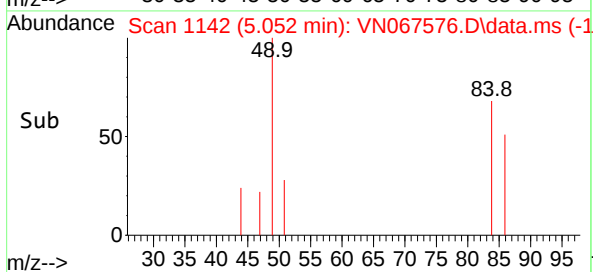
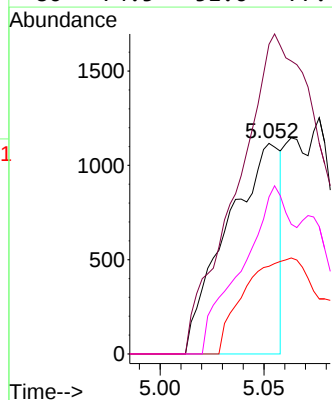
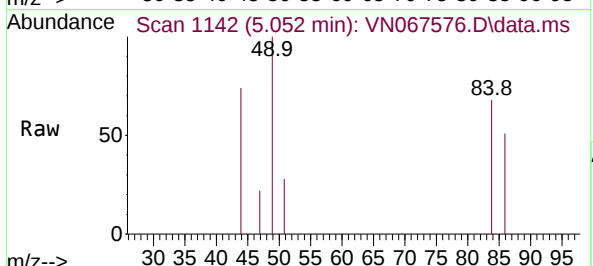
Ion Ratio Lower Upper

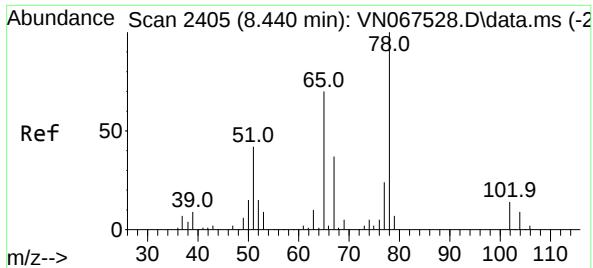
84 100

49 147.0 110.9 166.3

51 41.6 32.6 49.0

86 74.5 51.6 77.4



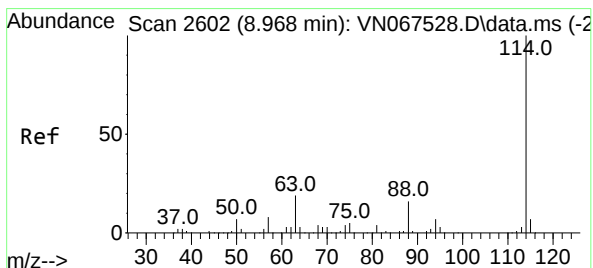
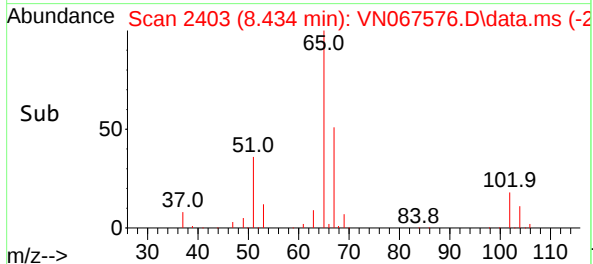
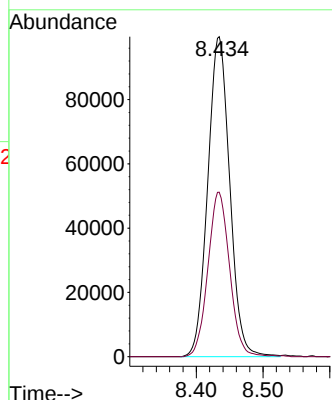
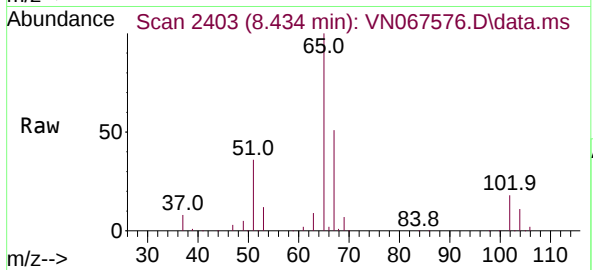


#33

1,2-Dichloroethane-d4
Concen: 55.980 ug/l
RT: 8.434 min Scan# 2403
Delta R.T. -0.006 min
Lab File: VN067576.D
Acq: 30 Jun 2021 16:54

Instrument :
MSVOA_N
ClientSampled :

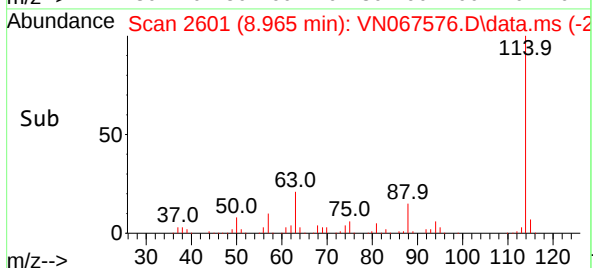
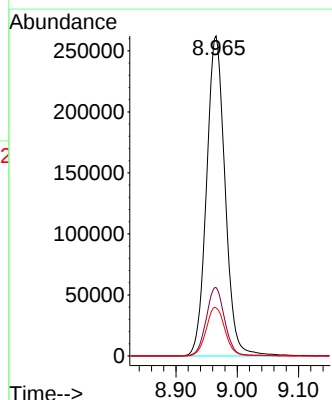
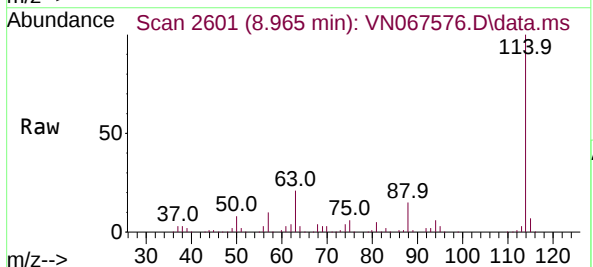
Tgt Ion: 65 Resp: 228100
Ion Ratio Lower Upper
65 100
67 50.6 0.0 98.6

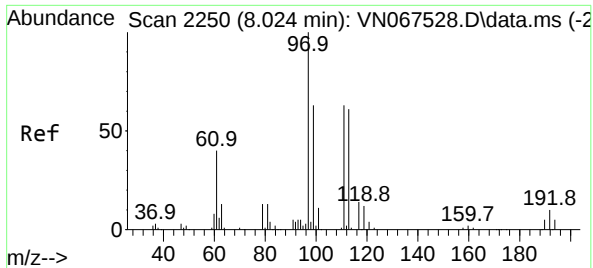


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.965 min Scan# 2601
Delta R.T. -0.003 min
Lab File: VN067576.D
Acq: 30 Jun 2021 16:54

Tgt Ion: 114 Resp: 550274
Ion Ratio Lower Upper
114 100
63 21.4 0.0 49.0
88 15.1 0.0 36.6

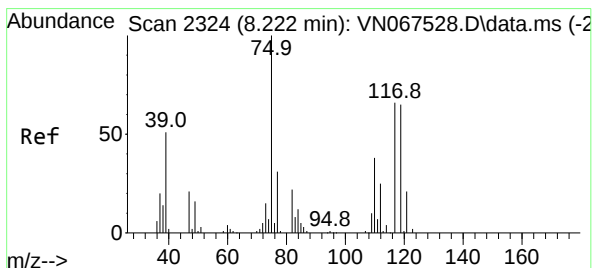
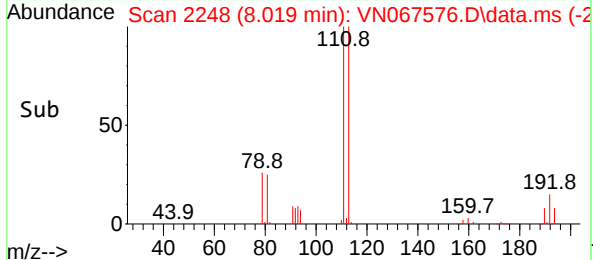
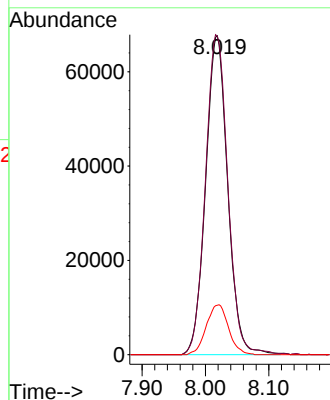
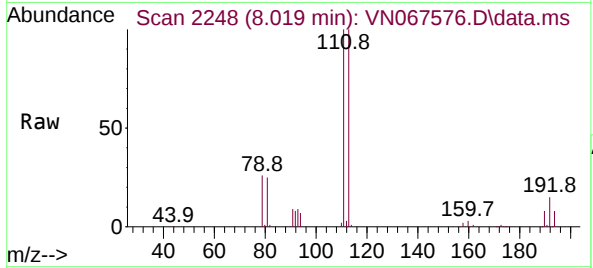




#35
Dibromofluoromethane
Concen: 47.891 ug/l
RT: 8.019 min Scan# 2248
Delta R.T. -0.005 min
Lab File: VN067576.D
Acq: 30 Jun 2021 16:54

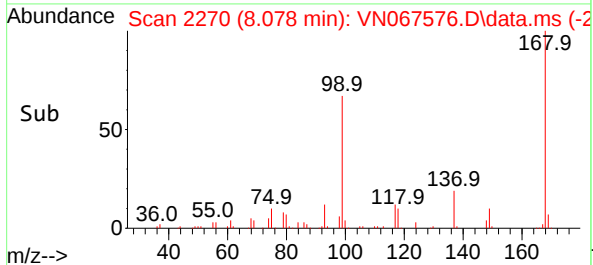
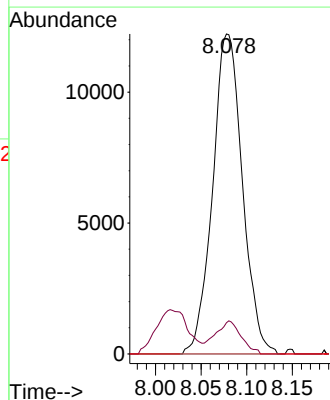
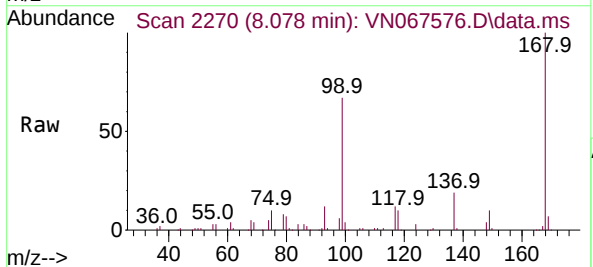
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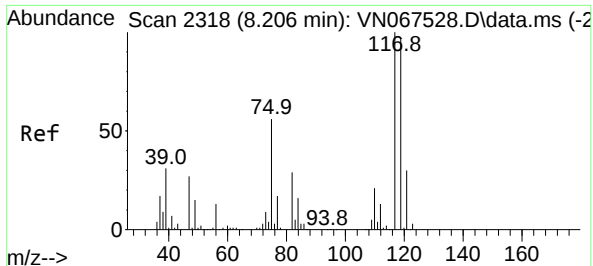
Tgt Ion:113 Resp: 163389
Ion Ratio Lower Upper
113 100
111 102.1 83.8 125.8
192 15.8 13.4 20.0



#36
1,1-Dichloropropene
Concen: 5.585 ug/l
RT: 8.078 min Scan# 2270
Delta R.T. -0.144 min
Lab File: VN067576.D
Acq: 30 Jun 2021 16:54

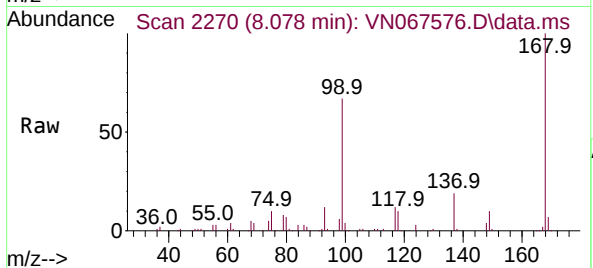
Tgt Ion: 75 Resp: 27745
Ion Ratio Lower Upper
75 100
110 8.9 15.7 47.0#
77 0.0 24.6 37.0#



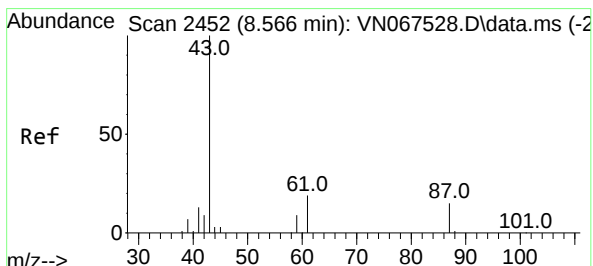
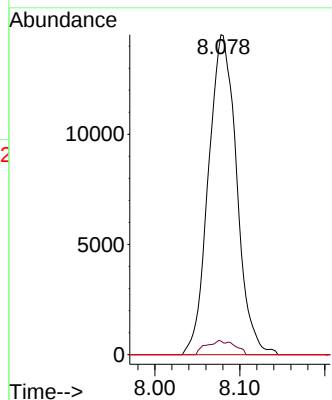
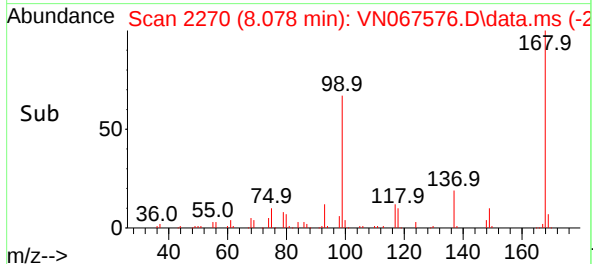


#38
Carbon Tetrachloride
Concen: 6.290 ug/l
RT: 8.078 min Scan# 2270
Delta R.T. -0.128 min
Lab File: VN067576.D
Acq: 30 Jun 2021 16:54

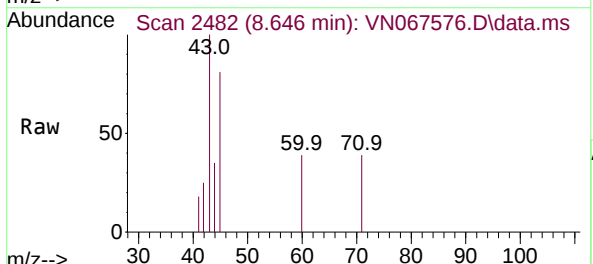
Instrument :
MSVOA_N
ClientSampled :



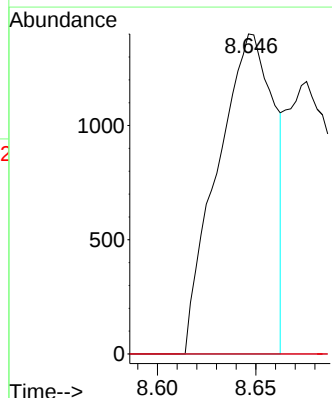
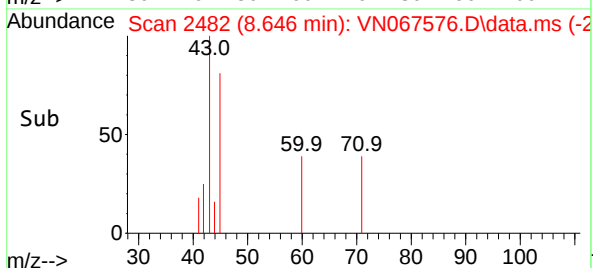
Tgt Ion:117 Resp: 33470
Ion Ratio Lower Upper
117 100
119 4.2 75.4 113.2#
121 0.0 23.5 35.3#

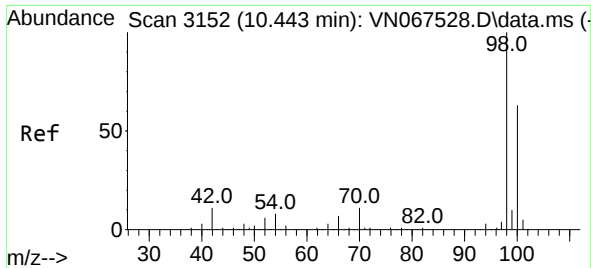


#43
Isopropyl Acetate
Concen: 0.361 ug/l
RT: 8.646 min Scan# 2482
Delta R.T. 0.080 min
Lab File: VN067576.D
Acq: 30 Jun 2021 16:54



Tgt Ion: 43 Resp: 2814
Ion Ratio Lower Upper
43 100
61 0.0 19.0 28.4#
87 0.0 9.5 14.3#

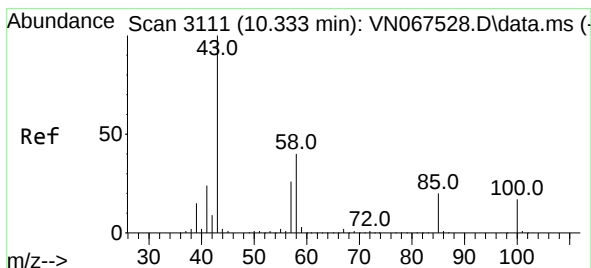
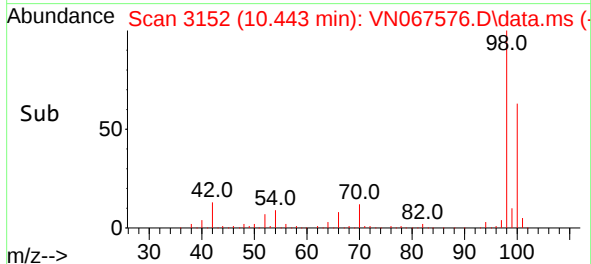
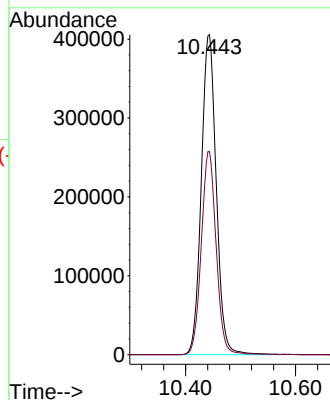
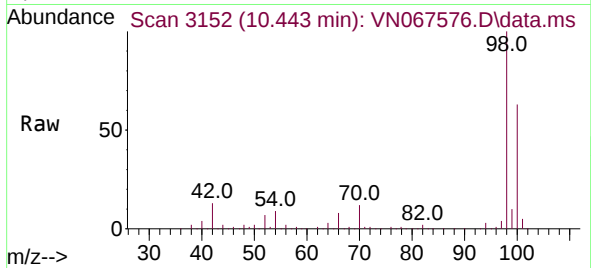




#50
Toluene-d8
Concen: 55.282 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN067576.D
Acq: 30 Jun 2021 16:54

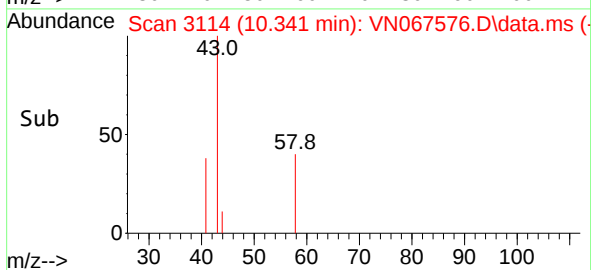
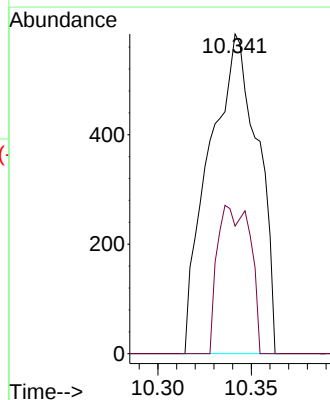
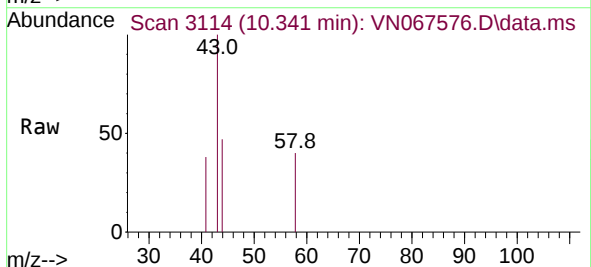
Instrument :
MSVOA_N
ClientSampled :

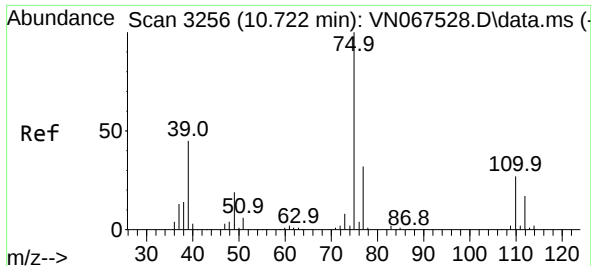
Tgt Ion: 98 Resp: 766159
Ion Ratio Lower Upper
98 100
100 63.0 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 0.224 ug/l
RT: 10.341 min Scan# 3114
Delta R.T. 0.008 min
Lab File: VN067576.D
Acq: 30 Jun 2021 16:54

Tgt Ion: 43 Resp: 1054
Ion Ratio Lower Upper
43 100
58 31.2 28.6 43.0

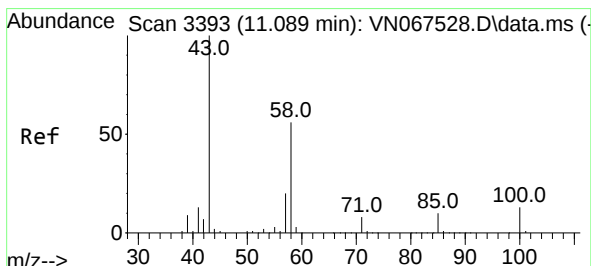
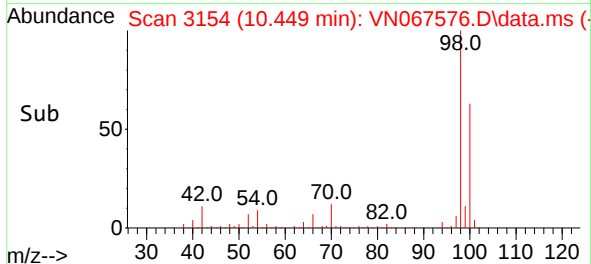
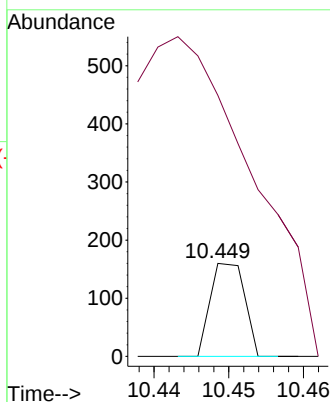
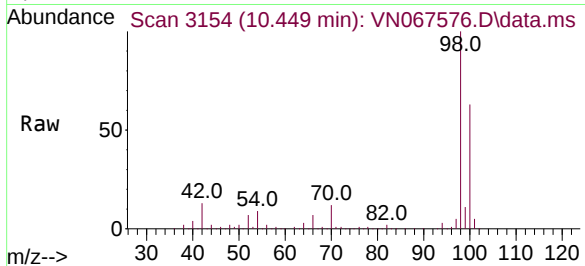




#53
t-1,3-Dichloropropene
Concen: 2.263 ug/l
RT: 10.449 min Scan# 3154
Delta R.T. -0.273 min
Lab File: VN067576.D
Acq: 30 Jun 2021 16:54

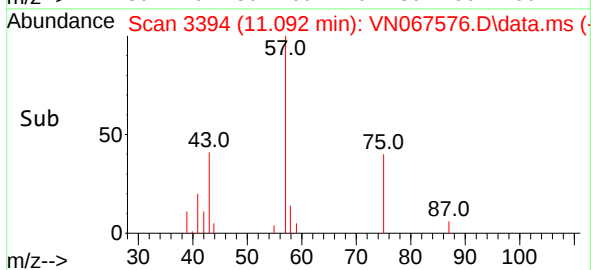
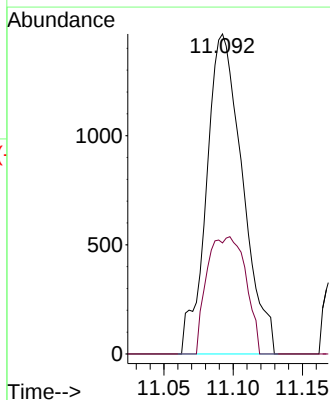
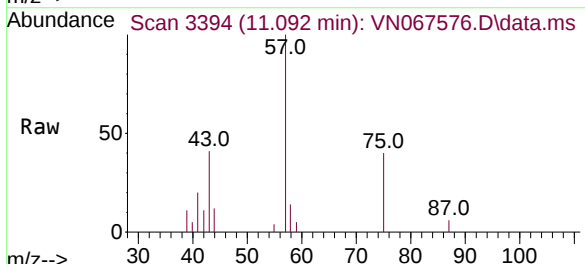
Instrument :
MSVOA_N
ClientSampleId :

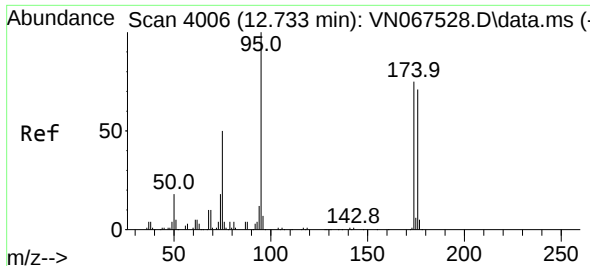
Tgt Ion: 75 Resp: 51
Ion Ratio Lower Upper
75 100
77 128.1 25.1 37.7#



#59
2-Hexanone
Concen: 0.801 ug/l
RT: 11.092 min Scan# 3394
Delta R.T. 0.003 min
Lab File: VN067576.D
Acq: 30 Jun 2021 16:54

Tgt Ion: 43 Resp: 2658
Ion Ratio Lower Upper
43 100
58 39.2 24.7 74.1

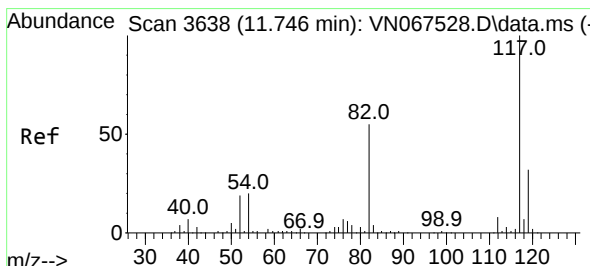
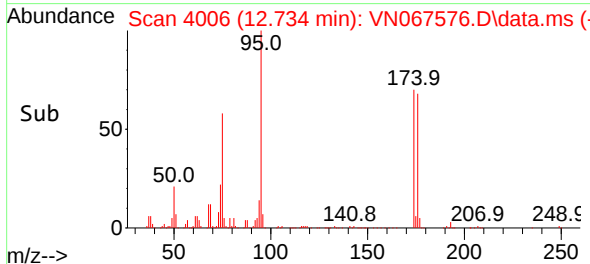
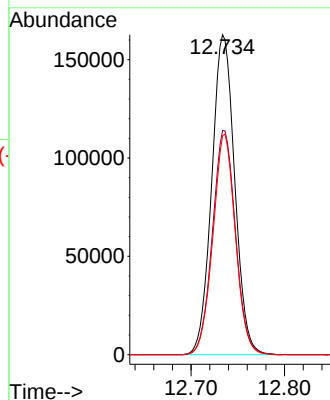
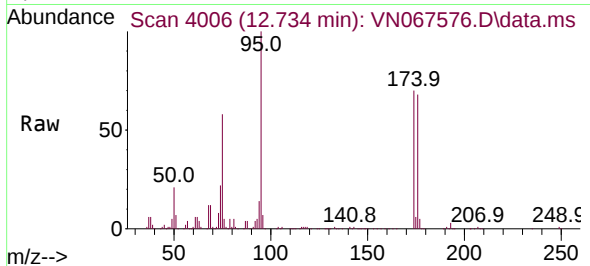




#62
4-Bromofluorobenzene
Concen: 57.383 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.001 min
Lab File: VN067576.D
Acq: 30 Jun 2021 16:54

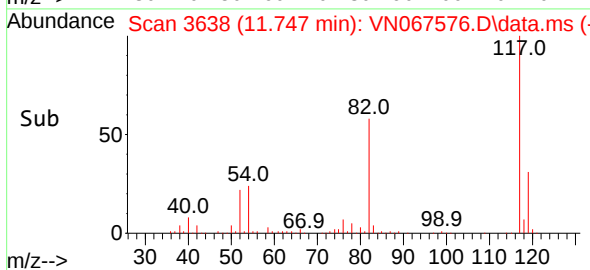
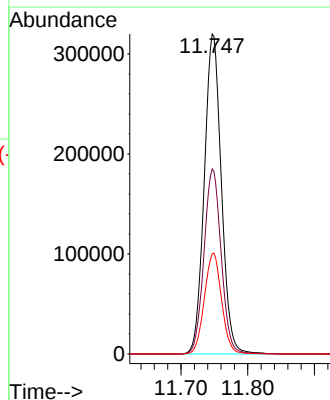
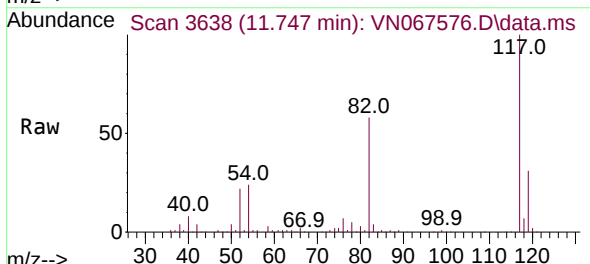
Instrument :
MSVOA_N
ClientSampled :

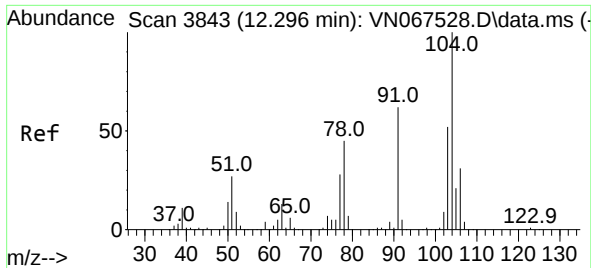
Tgt Ion: 95 Resp: 277788
Ion Ratio Lower Upper
95 100
174 70.4 0.0 122.0
176 67.5 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.001 min
Lab File: VN067576.D
Acq: 30 Jun 2021 16:54

Tgt Ion: 117 Resp: 569312
Ion Ratio Lower Upper
117 100
82 57.8 53.1 79.7
119 31.3 25.5 38.3

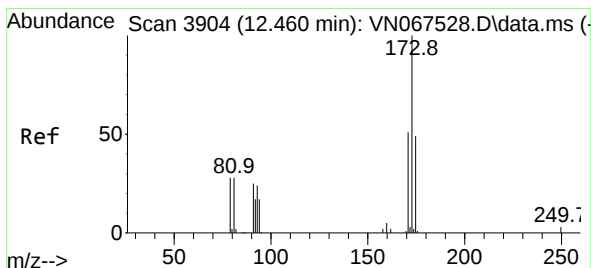
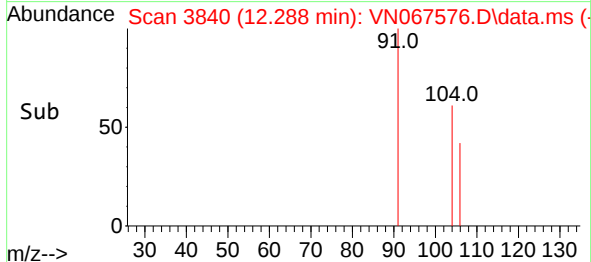
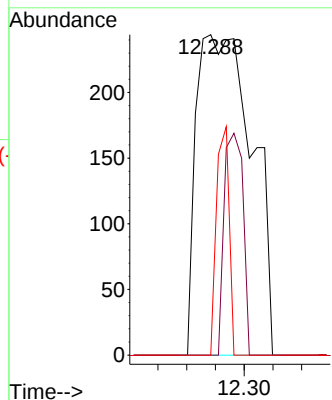
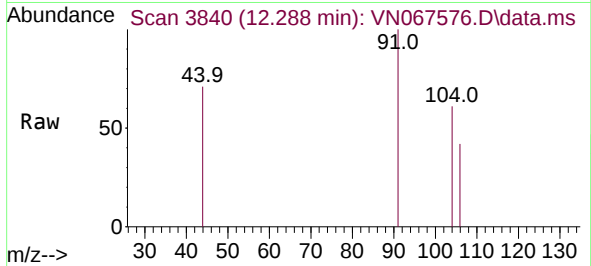




#70
Styrene
Concen: 1.905 ug/l
RT: 12.288 min Scan# 3840
Delta R.T. -0.008 min
Lab File: VN067576.D
Acq: 30 Jun 2021 16:54

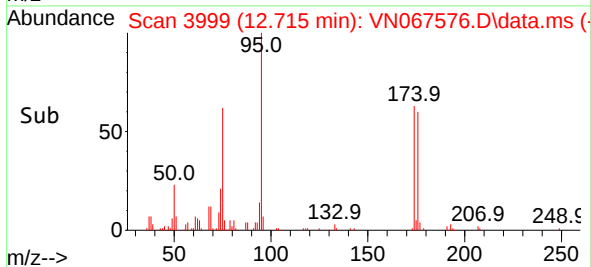
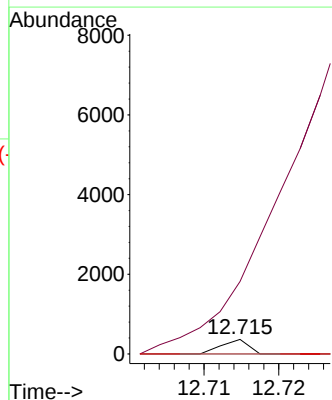
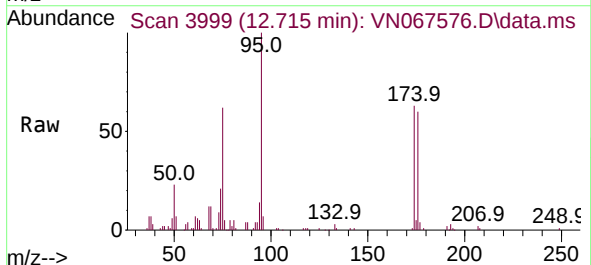
Instrument :
MSVOA_N
ClientSampled :

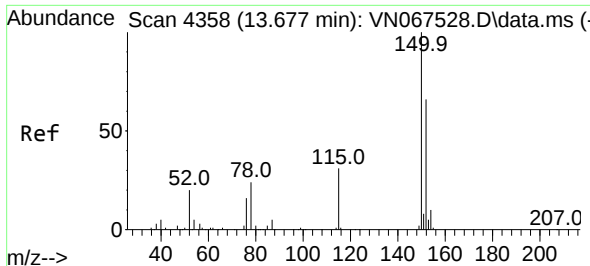
Tgt Ion:104 Resp: 328
Ion Ratio Lower Upper
104 100
78 23.5 48.2 72.2#
103 16.2 44.5 66.7#



#71
Bromoform
Concen: 3.483 ug/l
RT: 12.715 min Scan# 3999
Delta R.T. 0.255 min
Lab File: VN067576.D
Acq: 30 Jun 2021 16:54

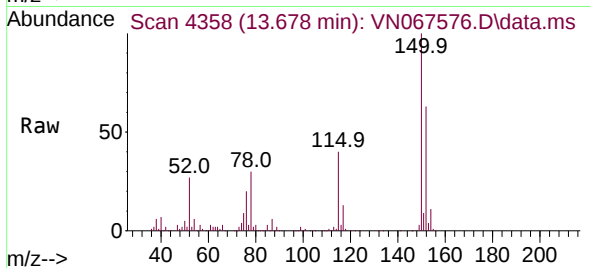
Tgt Ion:173 Resp: 92
Ion Ratio Lower Upper
173 100
175 15885.9 23.9 71.8#
254 0.0 0.0 0.0



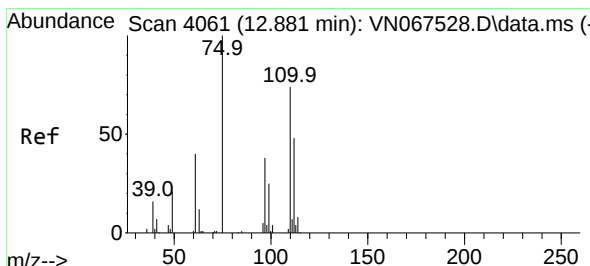
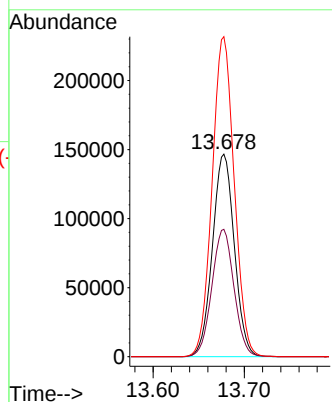
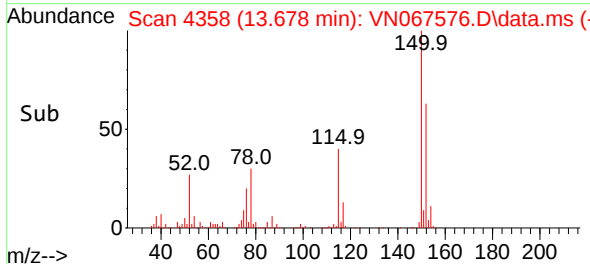


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.678 min Scan# 4358
 Delta R.T. 0.001 min
 Lab File: VN067576.D
 Acq: 30 Jun 2021 16:54

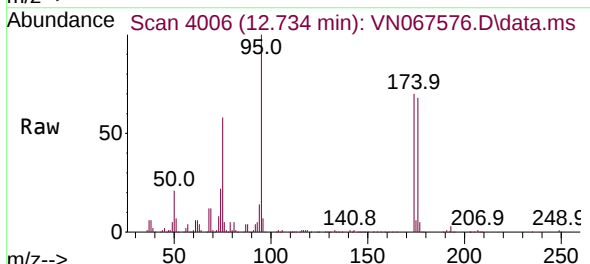
Instrument :
 MSVOA_N
 ClientSampled :



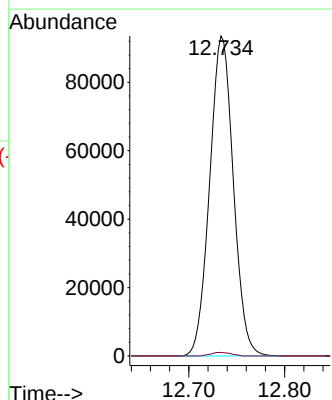
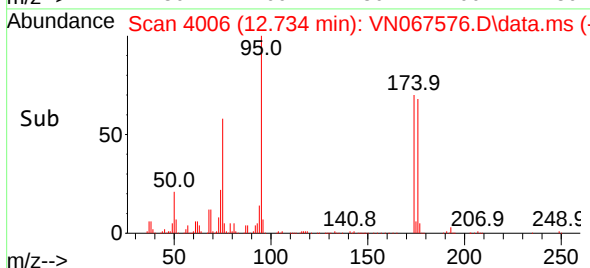
Tgt Ion:152 Resp: 244950
 Ion Ratio Lower Upper
 152 100
 115 63.5 36.1 108.5
 150 159.0 0.0 351.8

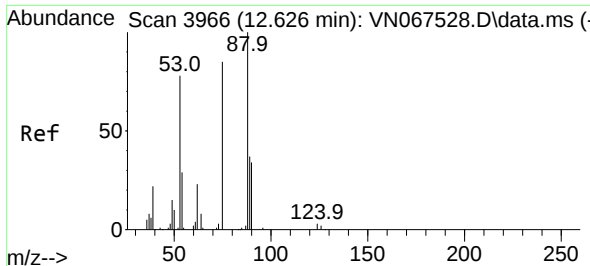


#76
 1,2,3-Trichloropropane
 Concen: 32.678 ug/l
 RT: 12.734 min Scan# 4006
 Delta R.T. -0.147 min
 Lab File: VN067576.D
 Acq: 30 Jun 2021 16:54



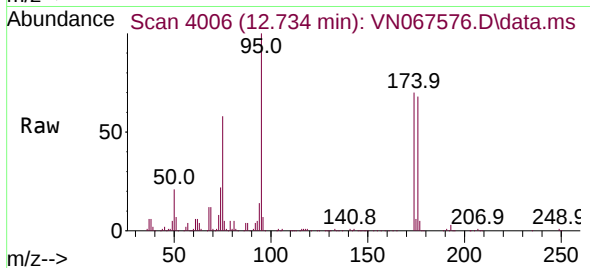
Tgt Ion: 75 Resp: 160440
 Ion Ratio Lower Upper
 75 100
 77 0.9 0.0 0.0#



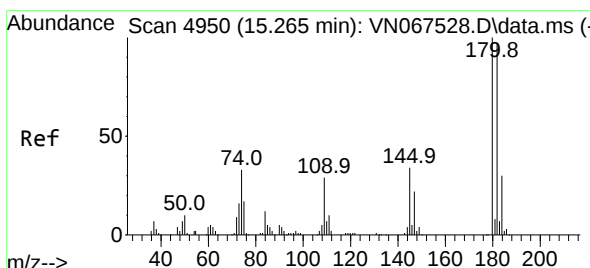
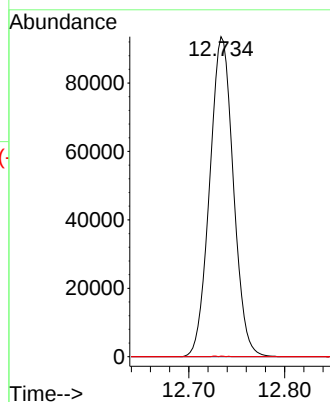
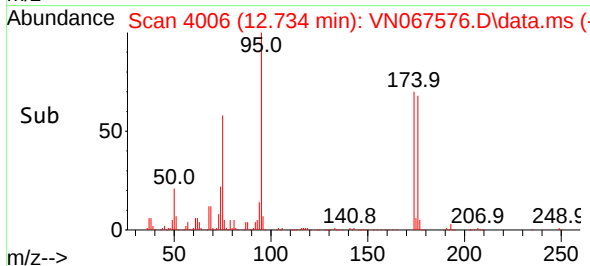


#81
 trans-1,4-Dichloro-2-butene
 Concen: 93.950 ug/l
 RT: 12.734 min Scan# 4006
 Delta R.T. 0.108 min
 Lab File: VN067576.D
 Acq: 30 Jun 2021 16:54

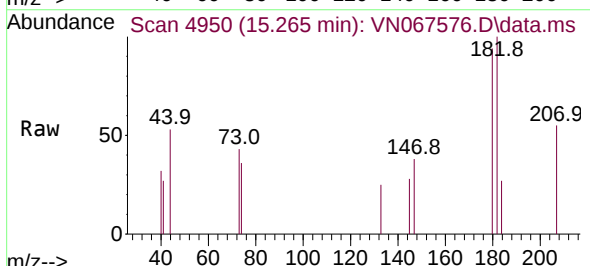
Instrument :
 MSVOA_N
 ClientSampled :



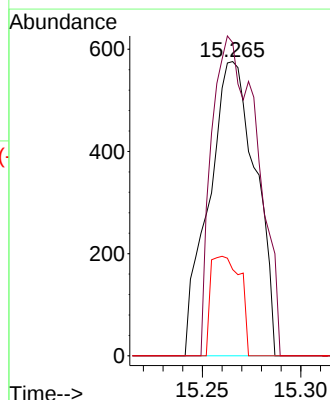
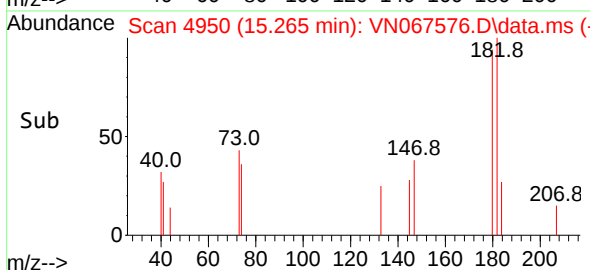
Tgt Ion: 75 Resp: 160440
 Ion Ratio Lower Upper
 75 100
 53 0.0 87.6 131.4#
 89 0.0 37.8 56.8#

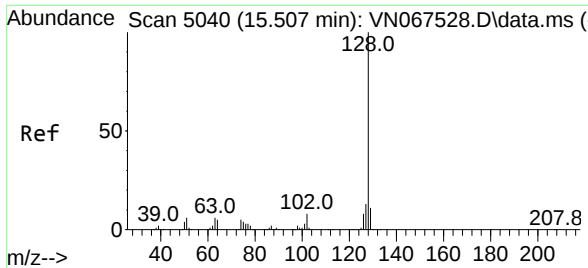


#93
 1,2,4-Trichlorobenzene
 Concen: 0.268 ug/l
 RT: 15.265 min Scan# 4950
 Delta R.T. 0.000 min
 Lab File: VN067576.D
 Acq: 30 Jun 2021 16:54



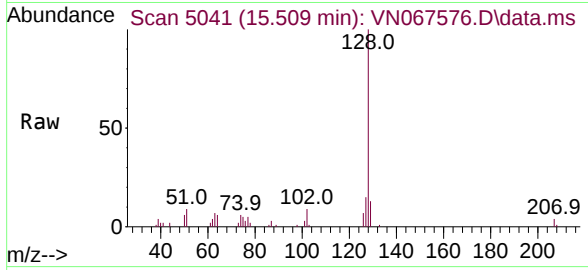
Tgt Ion: 180 Resp: 951
 Ion Ratio Lower Upper
 180 100
 182 105.7 47.5 142.5
 145 21.2 17.2 51.6





#95
Naphthalene
Concen: 5.174 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN067576.D
Acq: 30 Jun 2021 16:54

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:	128	Resp:	25680
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.6	15.8
129	11.5	8.6	12.8

