

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061521\
 Data File : VN067352.D
 Acq On : 15 Jun 2021 17:37
 Operator : JC/MD
 Sample : M2678-13
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 16 02:40:16 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)

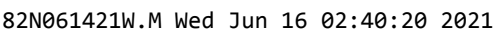
Internal Standards						
1) Pentafluorobenzene	8.088	168	342025	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	652212	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	588907	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	227481	50.000	ug/l	0.00

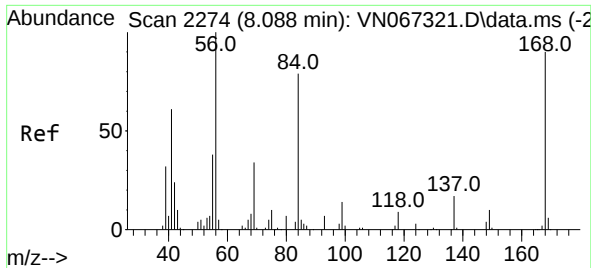
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	326738	48.426	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.860%
35) Dibromofluoromethane	8.024	113	120640	27.812	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	55.620%#
50) Toluene-d8	10.446	98	841926	50.640	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	101.280%
62) 4-Bromofluorobenzene	12.734	95	326189	47.541	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	95.080%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.282	85	25	1.331	ug/l #	43
10) Methyl Iodide	4.441	142	89	6.761	ug/l #	33
13) Acrolein	4.033	56	379	0.547	ug/l #	45
16) Acetone	4.291	43	26215	10.125	ug/l	97
18) Methyl Acetate	4.870	43	1350	0.215	ug/l #	64
20) Methylene Chloride	5.093	84	44846	8.324	ug/l	99
25) 2-Butanone	7.348	43	2866	0.775	ug/l	93
29) Tetrahydrofuran	7.705	42	1134	0.486	ug/l #	77
31) Cyclohexane	8.086	56	11395	1.242	ug/l #	16
36) 1,1-Dichloropropene	8.086	75	39145	5.354	ug/l #	52
38) Carbon Tetrachloride	8.088	117	43457	5.529	ug/l #	16
51) 4-Methyl-2-Pentanone	10.339	43	3480	0.435	ug/l	97
59) 2-Hexanone	11.090	43	1643	0.280	ug/l	76
71) Bromoform	12.734	173	1508	0.414	ug/l #	1
76) 1,2,3-Trichloropropane	12.734	75	192063	32.513	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.734	75	192063	80.577	ug/l #	6
95) Naphthalene	15.509	128	2692	2.792	ug/l #	72

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

Quant Time: Jun 16 02:40:16 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061421W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

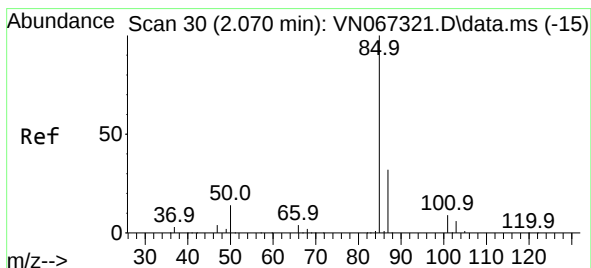
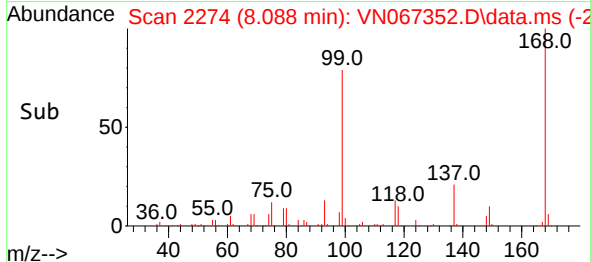
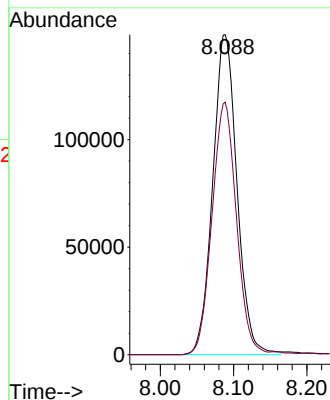
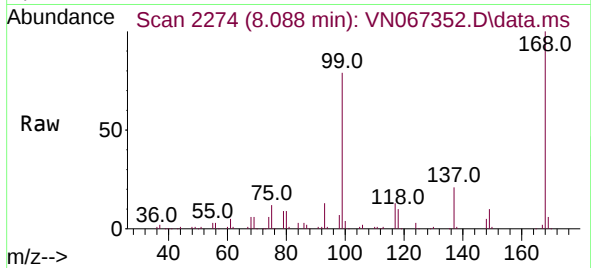




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN067352.D
Acq: 15 Jun 2021 17:37

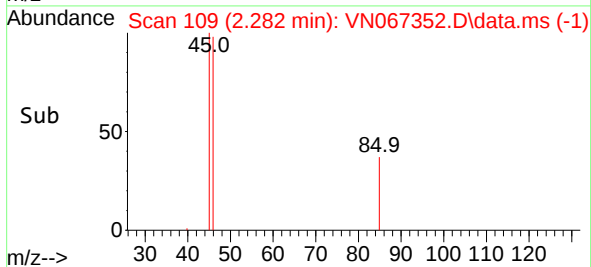
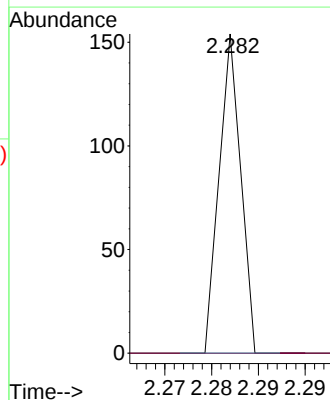
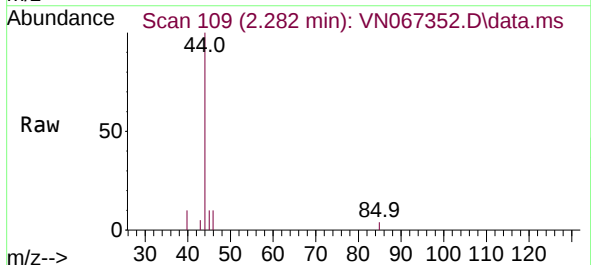
Instrument :
MSVOA_N
ClientSampled :

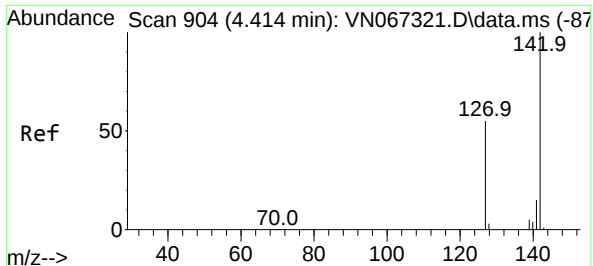
Tgt Ion:168 Resp: 342025
Ion Ratio Lower Upper
168 100
99 78.9 62.9 94.3



#2
Dichlorodifluoromethane
Concen: 1.331 ug/l
RT: 2.282 min Scan# 109
Delta R.T. 0.212 min
Lab File: VN067352.D
Acq: 15 Jun 2021 17:37

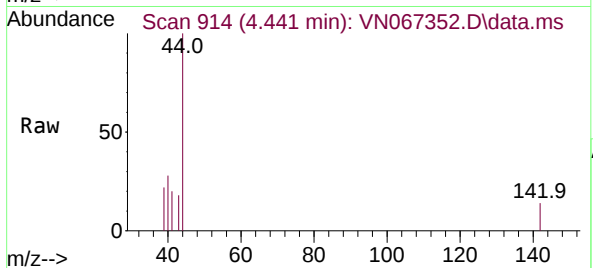
Tgt Ion: 85 Resp: 25
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#



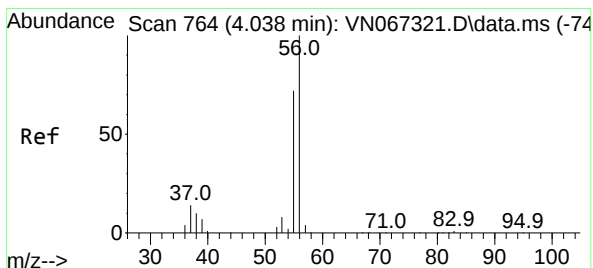
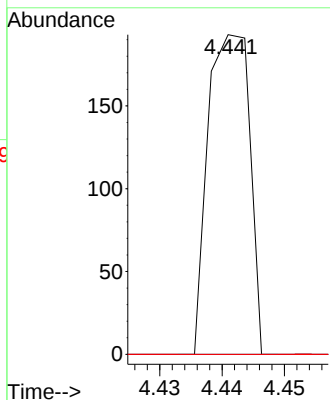
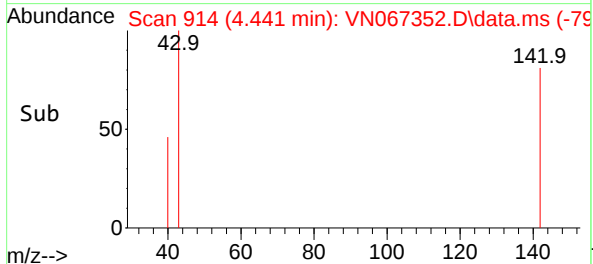


#10
Methyl Iodide
Concen: 6.761 ug/l
RT: 4.441 min Scan# 914
Delta R.T. 0.027 min
Lab File: VN067352.D
Acq: 15 Jun 2021 17:37

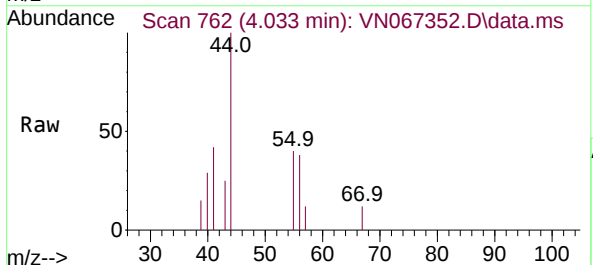
Instrument :
MSVOA_N
ClientSampled :



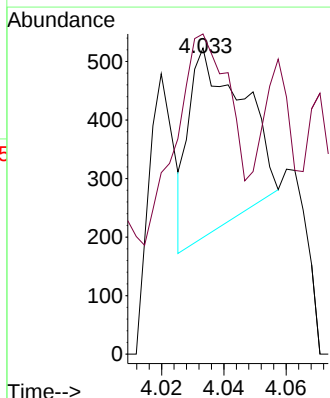
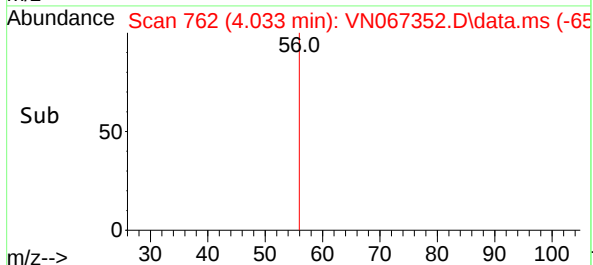
Tgt Ion:142 Resp: 89
Ion Ratio Lower Upper
142 100
127 0.0 43.1 64.7#
141 0.0 11.4 17.0#

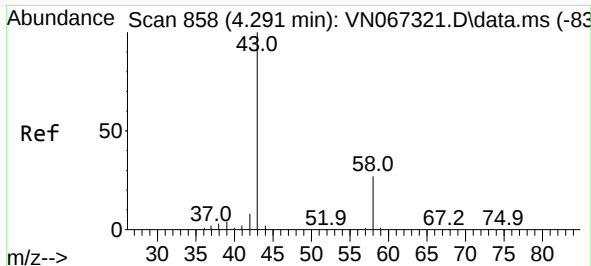


#13
Acrolein
Concen: 0.547 ug/l
RT: 4.033 min Scan# 762
Delta R.T. -0.005 min
Lab File: VN067352.D
Acq: 15 Jun 2021 17:37



Tgt Ion: 56 Resp: 379
Ion Ratio Lower Upper
56 100
55 117.7 57.4 86.0#

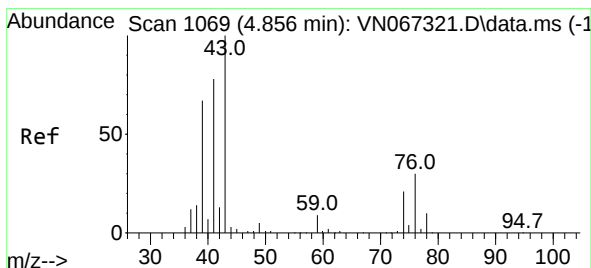
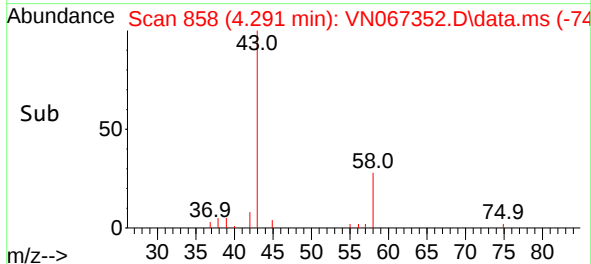
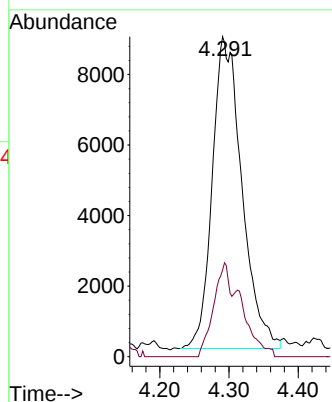
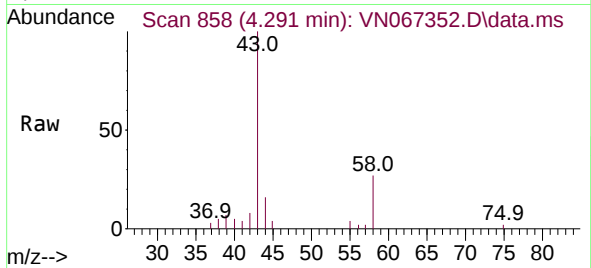




#16
Acetone
Concen: 10.125 ug/l
RT: 4.291 min Scan# 858
Delta R.T. -0.000 min
Lab File: VN067352.D
Acq: 15 Jun 2021 17:37

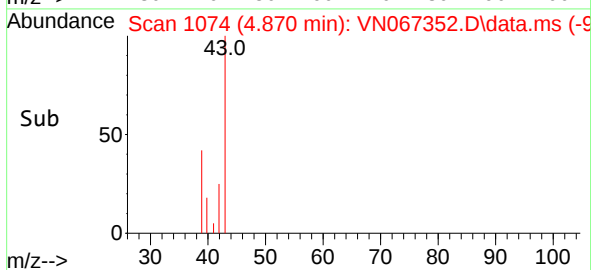
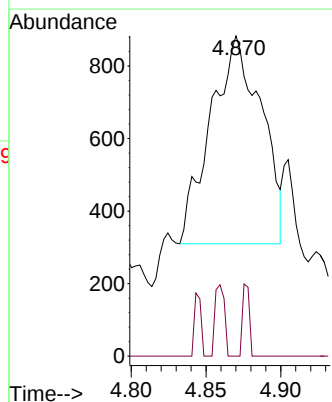
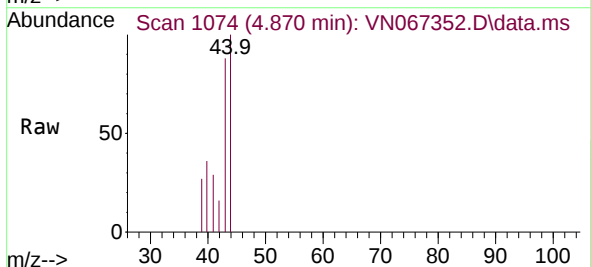
Instrument :
MSVOA_N
ClientSampled :

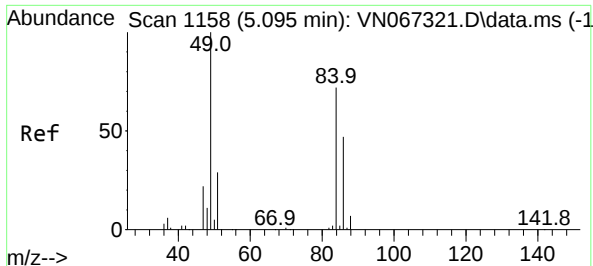
Tgt Ion	Ratio	Lower	Upper
43	100		
58	27.8	21.2	31.8



#18
Methyl Acetate
Concen: 0.215 ug/l
RT: 4.870 min Scan# 1074
Delta R.T. 0.014 min
Lab File: VN067352.D
Acq: 15 Jun 2021 17:37

Tgt Ion	Ratio	Lower	Upper
43	100		
74	4.7	17.4	26.0#





#20

Methylene Chloride

Concen: 8.324 ug/l

RT: 5.093 min Scan# 1157

Delta R.T. -0.002 min

Lab File: VN067352.D

Acq: 15 Jun 2021 17:37

Tgt Ion: 84 Resp: 44846

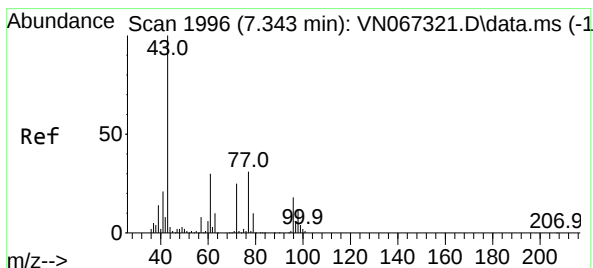
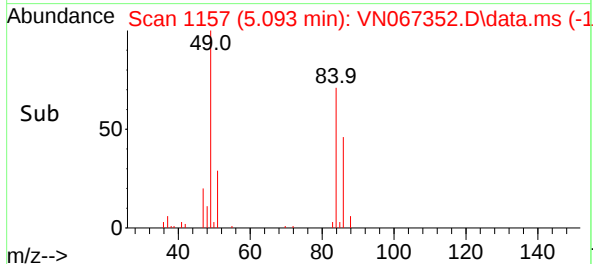
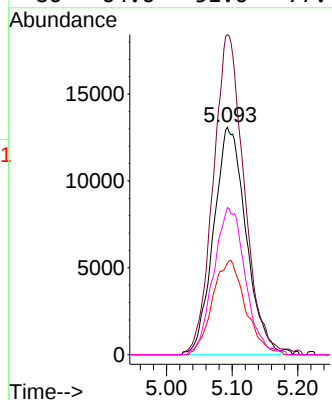
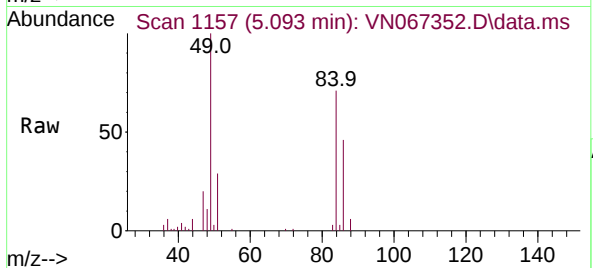
Ion Ratio Lower Upper

84 100

49 140.7 110.9 166.3

51 40.3 32.6 49.0

86 64.6 51.6 77.4



#25

2-Butanone

Concen: 0.775 ug/l

RT: 7.348 min Scan# 1998

Delta R.T. 0.005 min

Lab File: VN067352.D

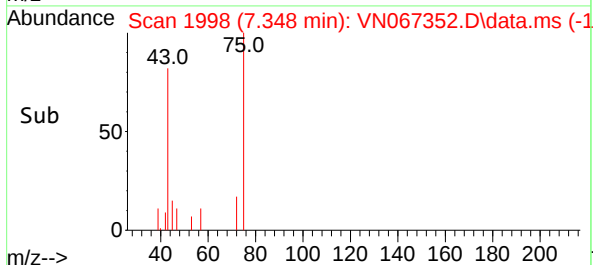
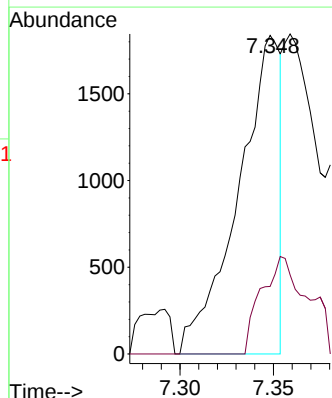
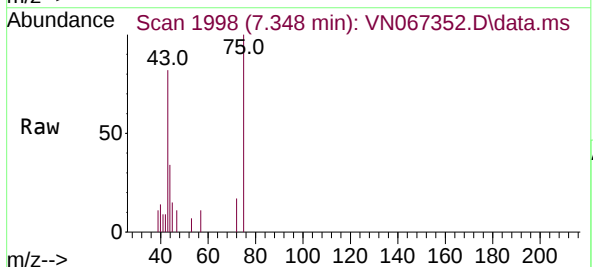
Acq: 15 Jun 2021 17:37

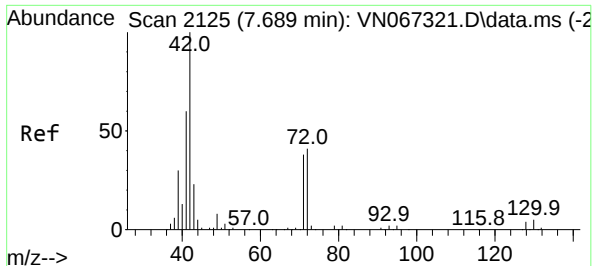
Tgt Ion: 43 Resp: 2866

Ion Ratio Lower Upper

43 100

72 21.2 19.7 29.5





#29

Tetrahydrofuran

Concen: 0.486 ug/l

RT: 7.705 min Scan# 2131

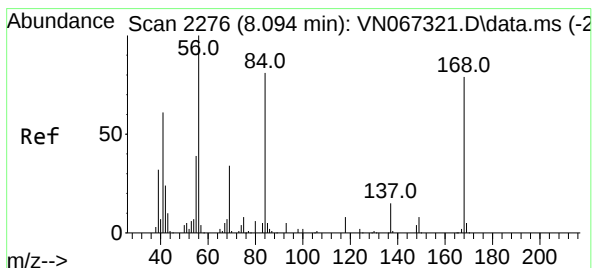
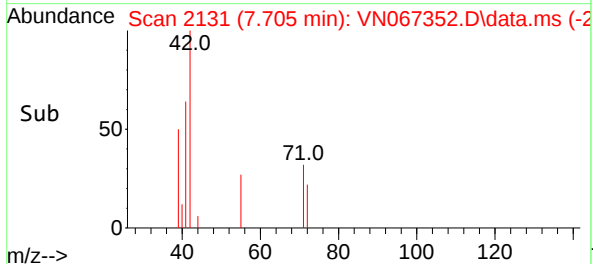
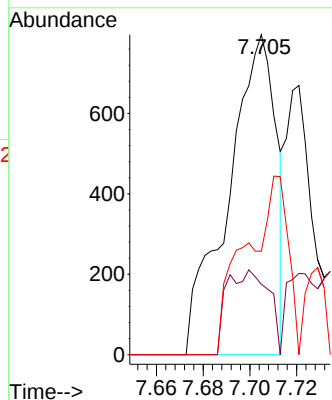
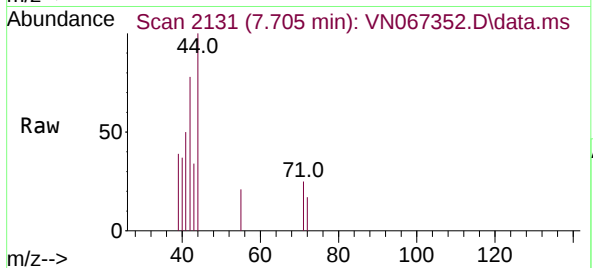
Delta R.T. 0.016 min

Lab File: VN067352.D

Acq: 15 Jun 2021 17:37

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion:	42	Resp:	1134
Ion	Ratio	Lower	Upper
42	100		
72	22.9	32.8	49.2#
71	49.0	31.2	46.8#



#31

Cyclohexane

Concen: 1.242 ug/l

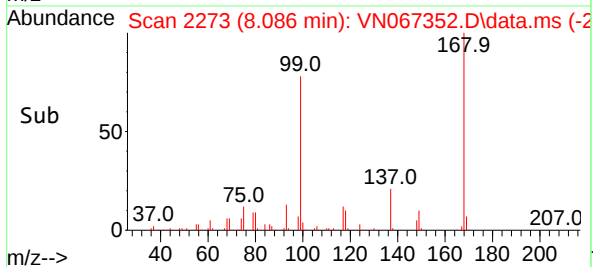
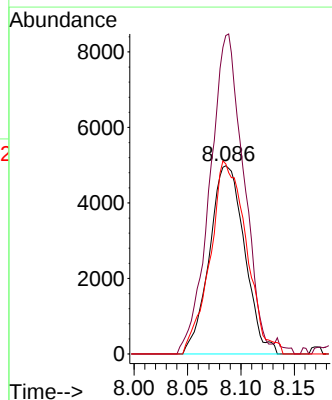
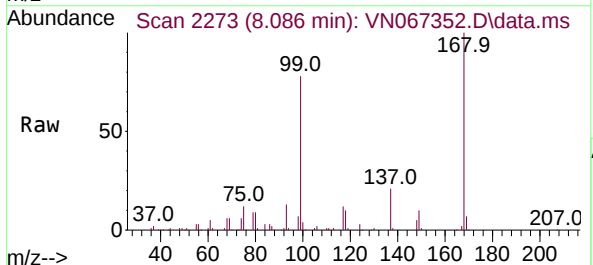
RT: 8.086 min Scan# 2273

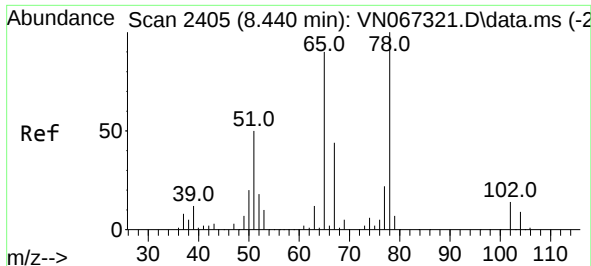
Delta R.T. -0.008 min

Lab File: VN067352.D

Acq: 15 Jun 2021 17:37

Tgt Ion:	56	Resp:	11395
Ion	Ratio	Lower	Upper
56	100		
69	165.4	27.3	40.9#
84	101.1	64.9	97.3#

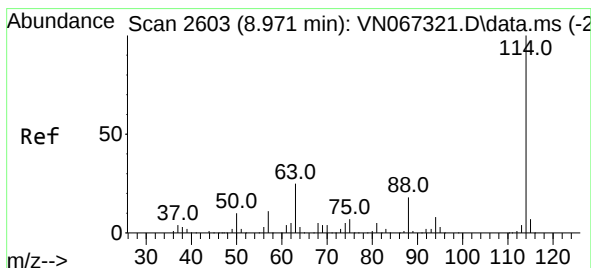
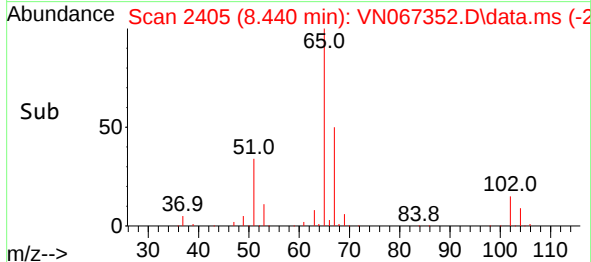
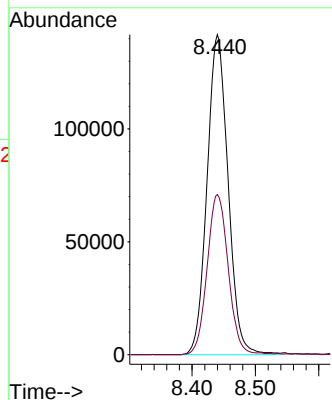
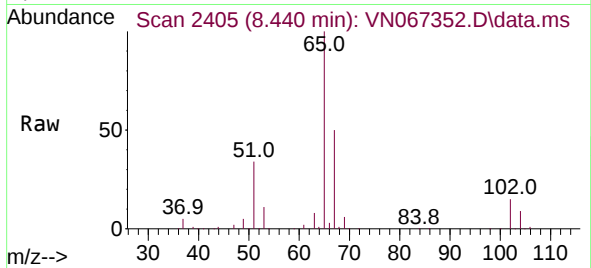




#33
 1,2-Dichloroethane-d4
 Concen: 48.426 ug/l
 RT: 8.440 min Scan# 2405
 Delta R.T. -0.000 min
 Lab File: VN067352.D
 Acq: 15 Jun 2021 17:37

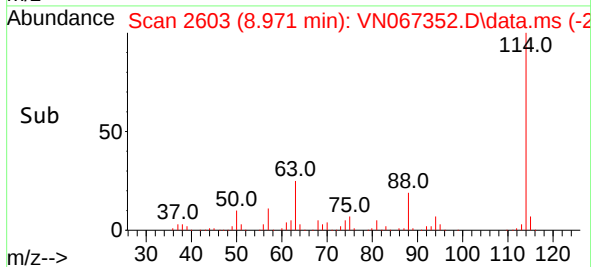
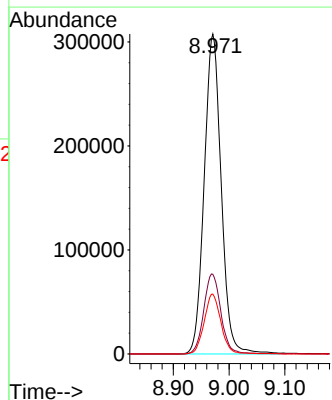
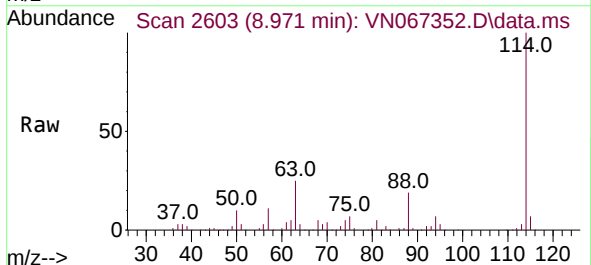
Instrument :
 MSVOA_N
 ClientSampled :

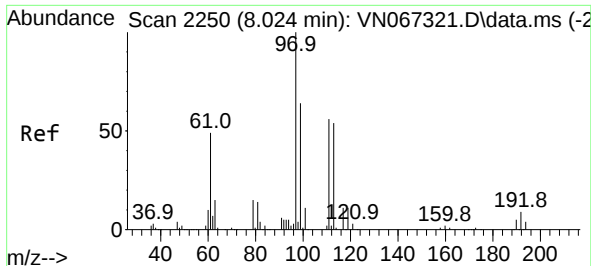
Tgt Ion: 65 Resp: 326738
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 98.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.971 min Scan# 2603
 Delta R.T. 0.000 min
 Lab File: VN067352.D
 Acq: 15 Jun 2021 17:37

Tgt Ion: 114 Resp: 652212
 Ion Ratio Lower Upper
 114 100
 63 24.9 0.0 49.0
 88 18.7 0.0 36.6

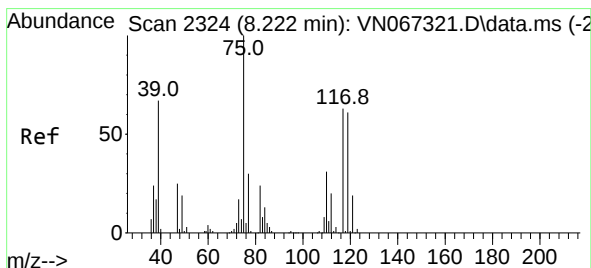
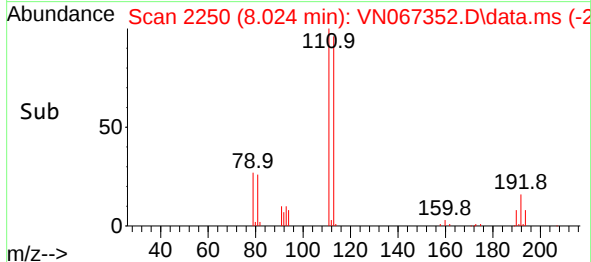
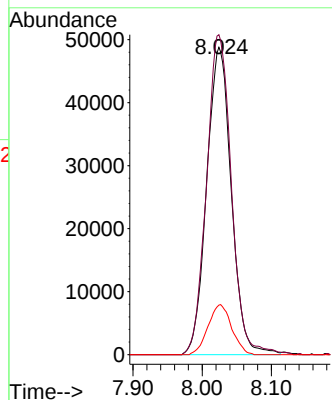
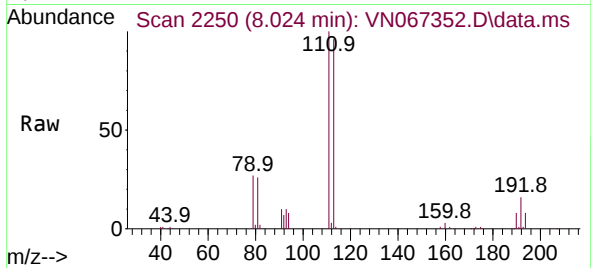




#35
Dibromofluoromethane
Concen: 27.812 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VN067352.D
Acq: 15 Jun 2021 17:37

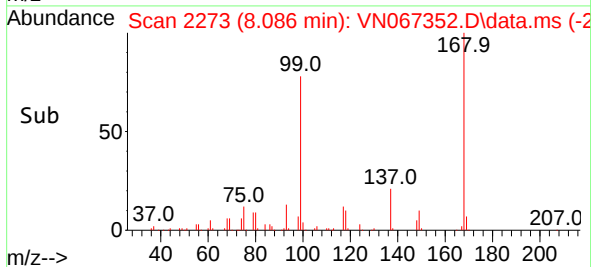
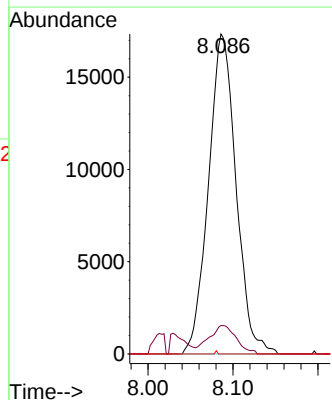
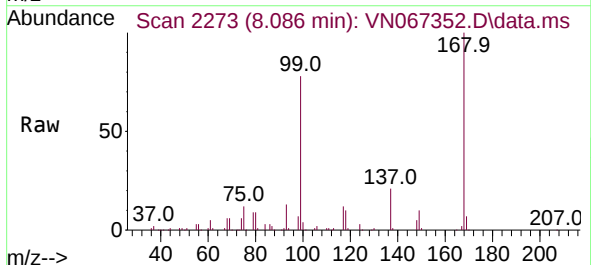
Instrument :
MSVOA_N
ClientSampled :

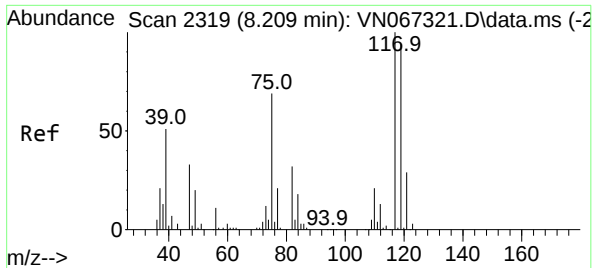
Tgt Ion:113 Resp: 120640
Ion Ratio Lower Upper
113 100
111 105.0 83.8 125.8
192 15.6 13.4 20.0



#36
1,1-Dichloropropene
Concen: 5.354 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.136 min
Lab File: VN067352.D
Acq: 15 Jun 2021 17:37

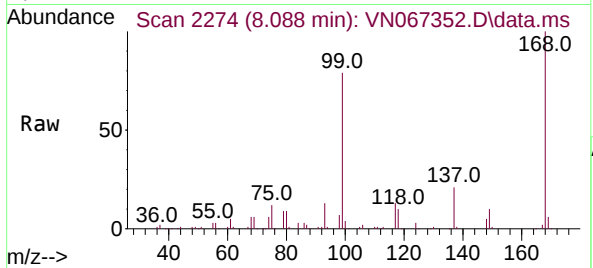
Tgt Ion: 75 Resp: 39145
Ion Ratio Lower Upper
75 100
110 8.8 15.7 47.0#
77 0.1 24.6 37.0#



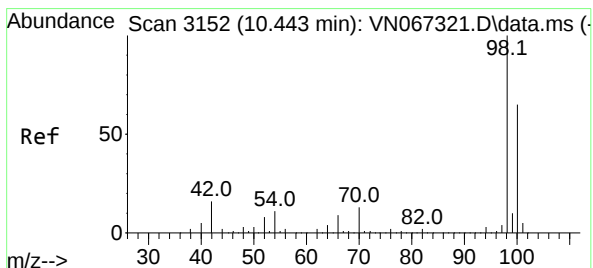
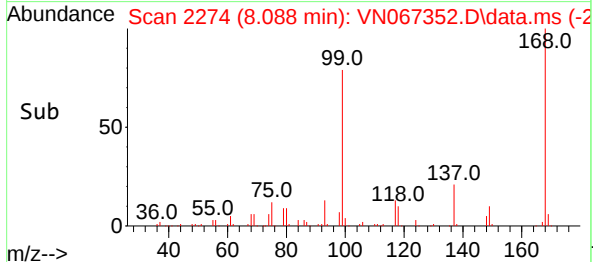
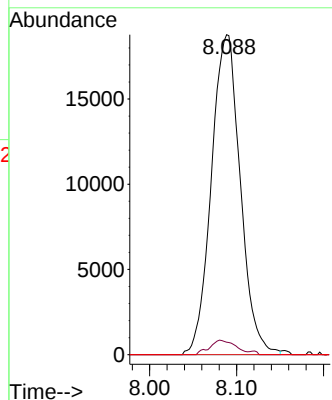


#38
Carbon Tetrachloride
Concen: 5.529 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.121 min
Lab File: VN067352.D
Acq: 15 Jun 2021 17:37

Instrument :
MSVOA_N
ClientSampled :

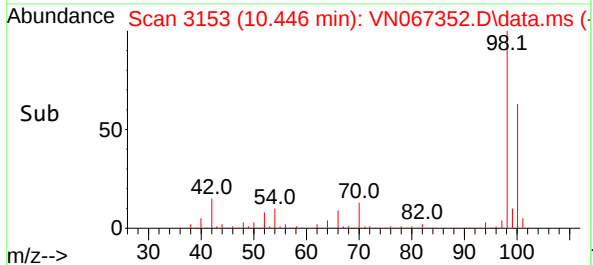
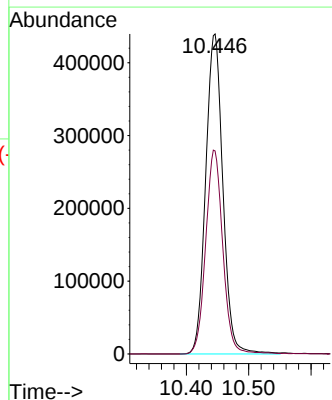
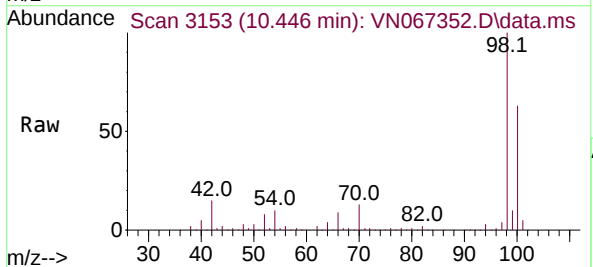


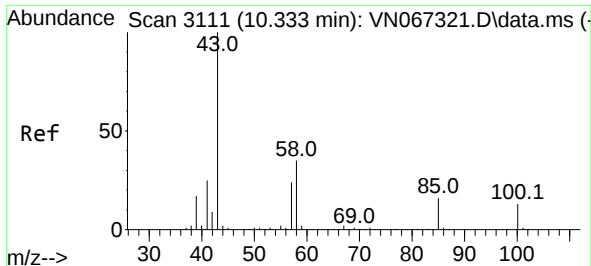
Tgt Ion:117 Resp: 43457
Ion Ratio Lower Upper
117 100
119 3.9 75.4 113.2#
121 0.0 23.5 35.3#



#50
Toluene-d8
Concen: 50.640 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN067352.D
Acq: 15 Jun 2021 17:37

Tgt Ion: 98 Resp: 841926
Ion Ratio Lower Upper
98 100
100 63.3 51.7 77.5

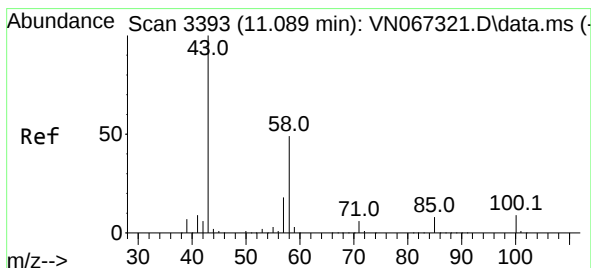
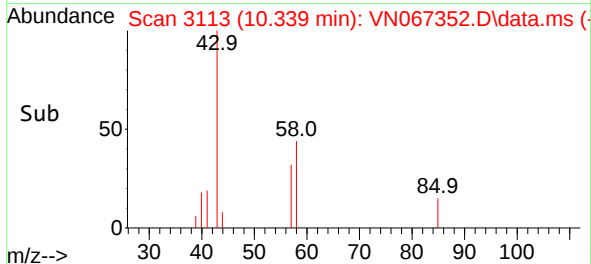
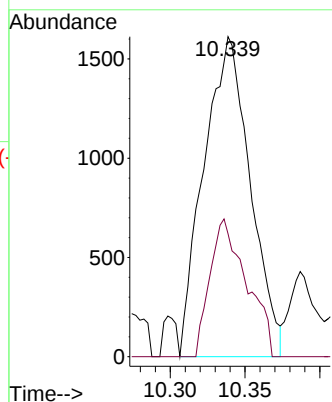
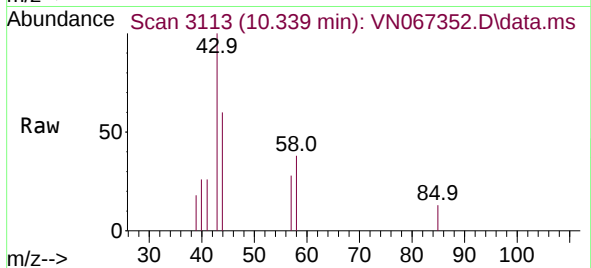




#51
4-Methyl-2-Pentanone
Concen: 0.435 ug/l
RT: 10.339 min Scan# 3113
Delta R.T. 0.006 min
Lab File: VN067352.D
Acq: 15 Jun 2021 17:37

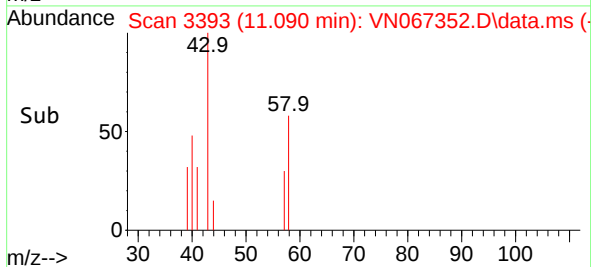
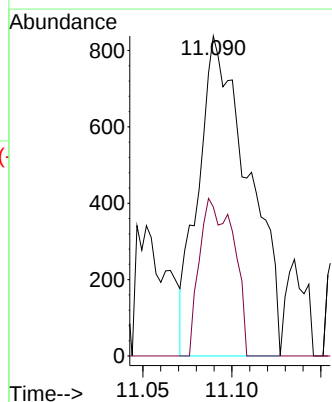
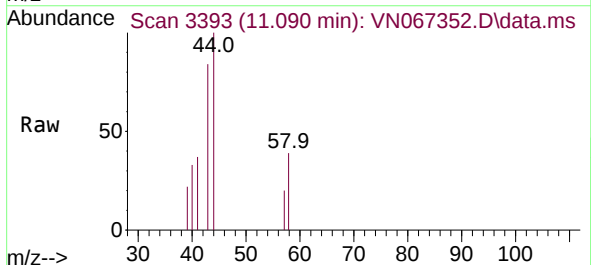
Instrument :
MSVOA_N
ClientSampled :

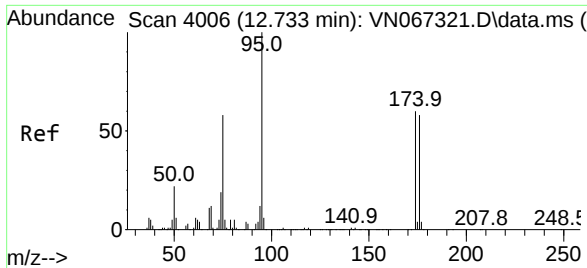
Tgt Ion: 43 Resp: 3480
Ion Ratio Lower Upper
43 100
58 34.0 28.6 43.0



#59
2-Hexanone
Concen: 0.280 ug/l
RT: 11.090 min Scan# 3393
Delta R.T. 0.001 min
Lab File: VN067352.D
Acq: 15 Jun 2021 17:37

Tgt Ion: 43 Resp: 1643
Ion Ratio Lower Upper
43 100
58 33.3 24.7 74.1

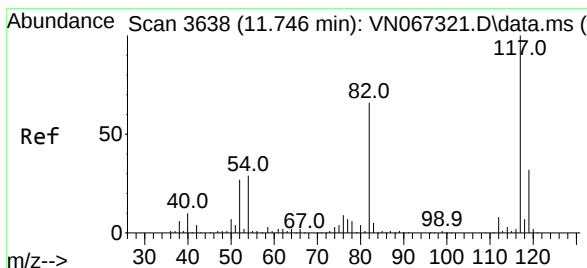
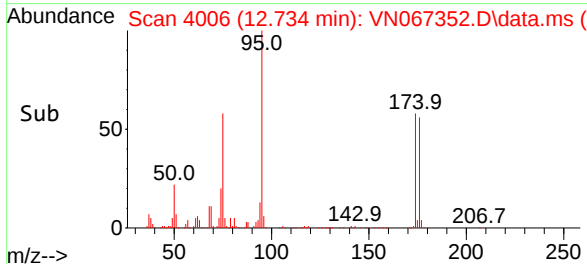
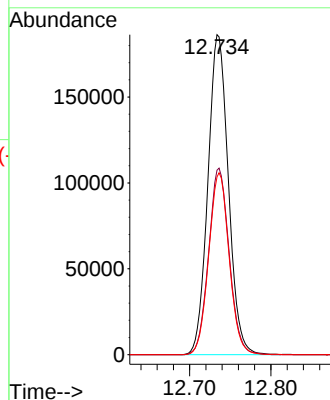
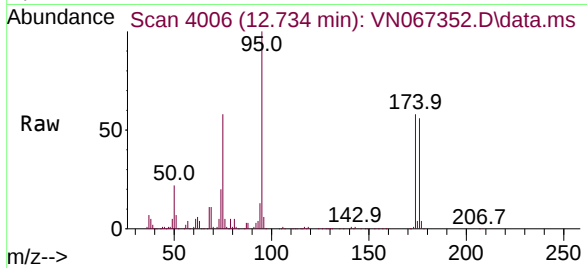




#62
4-Bromofluorobenzene
Concen: 47.541 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.001 min
Lab File: VN067352.D
Acq: 15 Jun 2021 17:37

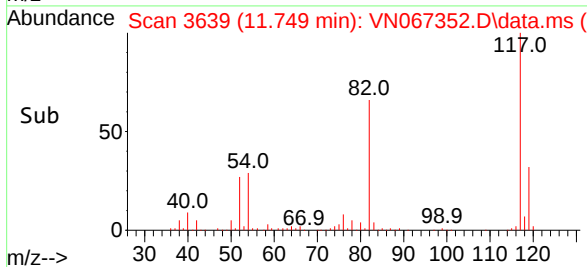
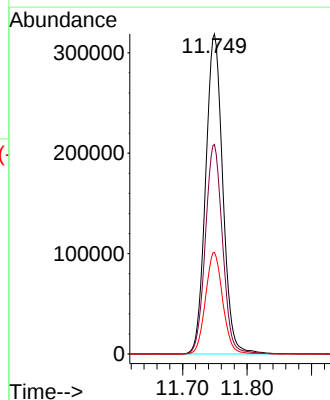
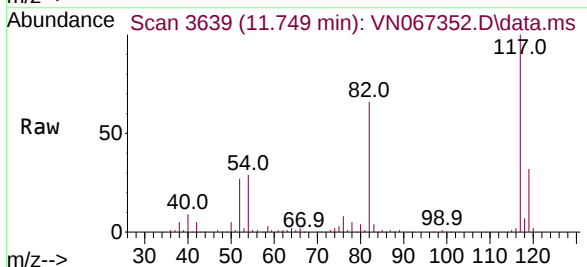
Instrument :
MSVOA_N
ClientSampleId :

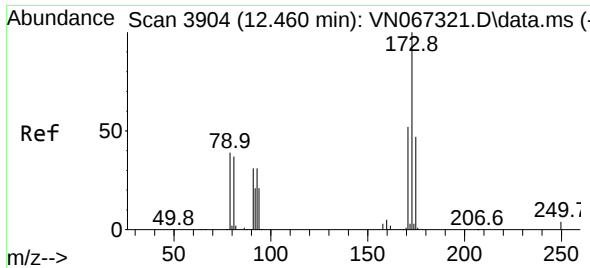
Tgt Ion: 95 Resp: 326189
Ion Ratio Lower Upper
95 100
174 58.6 0.0 122.0
176 56.6 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN067352.D
Acq: 15 Jun 2021 17:37

Tgt Ion: 117 Resp: 588907
Ion Ratio Lower Upper
117 100
82 65.5 53.1 79.7
119 31.8 25.5 38.3

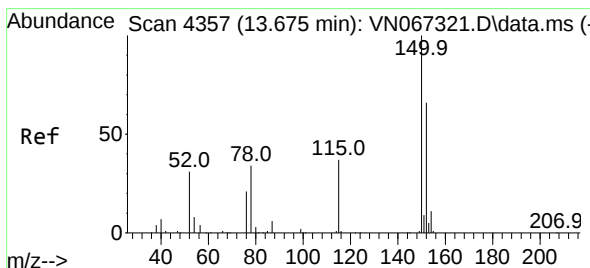
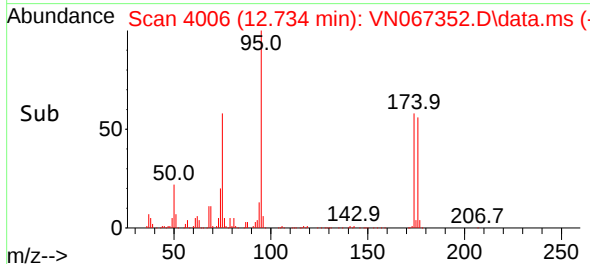
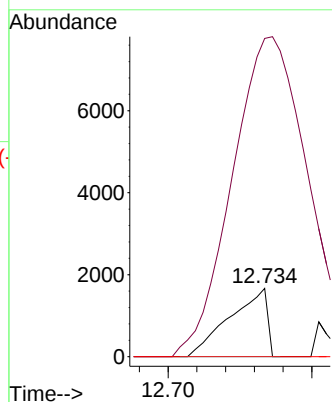
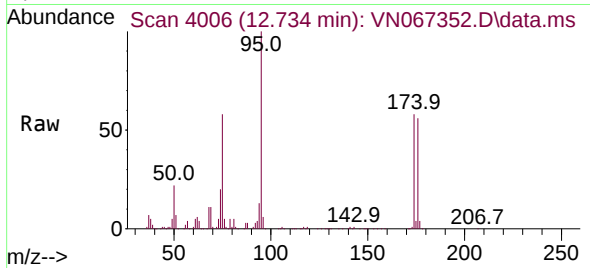




#71
Bromoform
Concen: 0.414 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.274 min
Lab File: VN067352.D
Acq: 15 Jun 2021 17:37

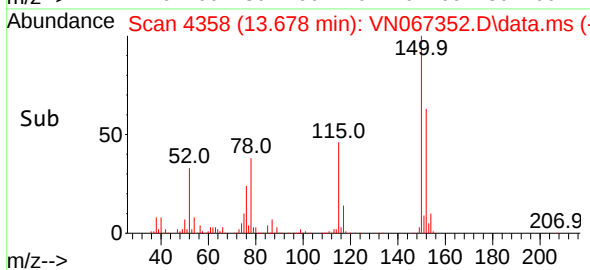
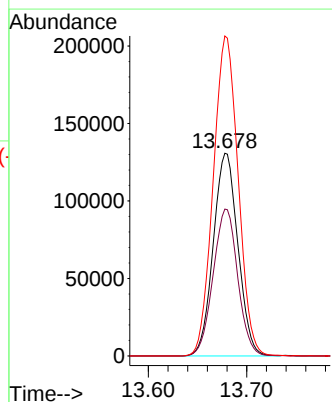
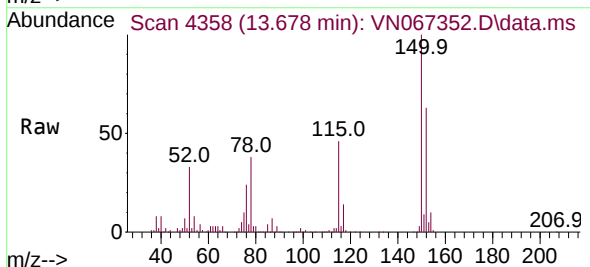
Instrument :
MSVOA_N
ClientSampleId :

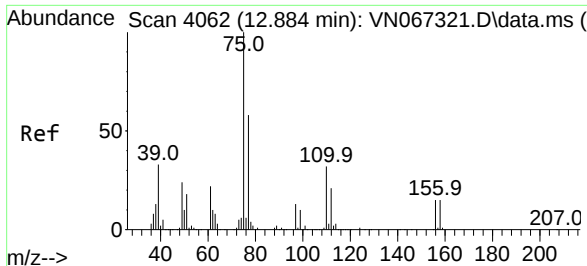
Tgt Ion:173 Resp: 1508
Ion Ratio Lower Upper
173 100
175 847.4 23.9 71.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN067352.D
Acq: 15 Jun 2021 17:37

Tgt Ion:152 Resp: 227481
Ion Ratio Lower Upper
152 100
115 72.4 36.1 108.5
150 159.9 0.0 351.8

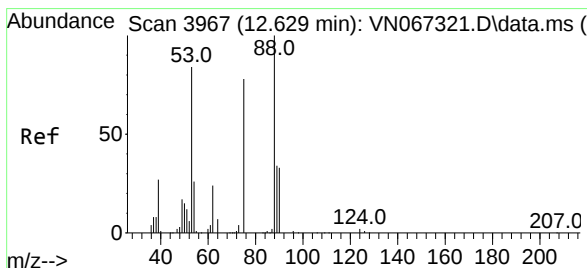
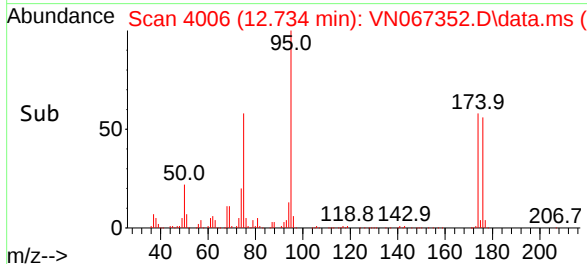
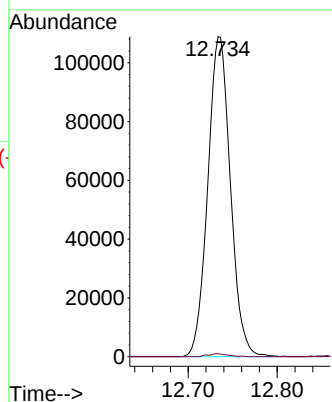
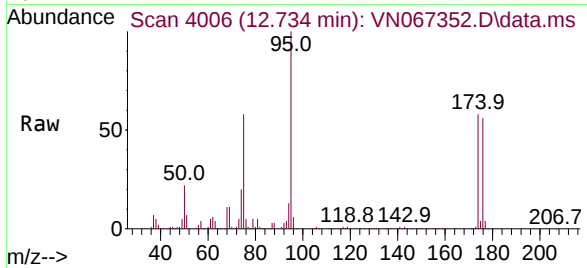




#76
1,2,3-Trichloropropane
Concen: 32.513 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.150 min
Lab File: VN067352.D
Acq: 15 Jun 2021 17:37

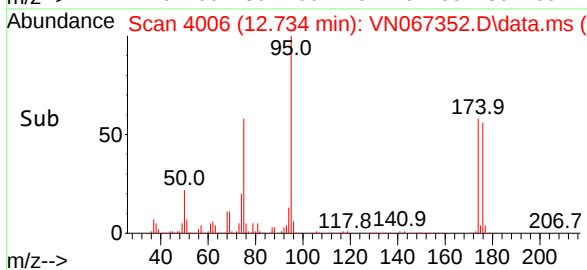
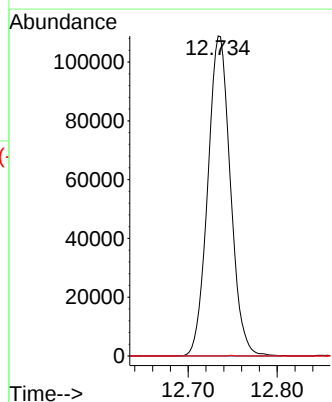
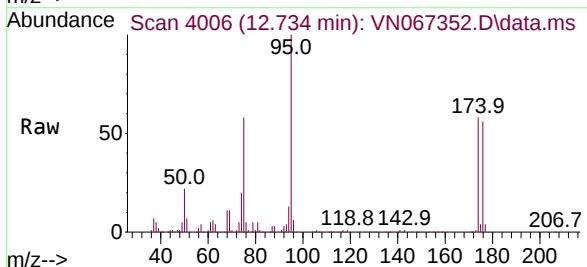
Instrument :
MSVOA_N
ClientSampleId :

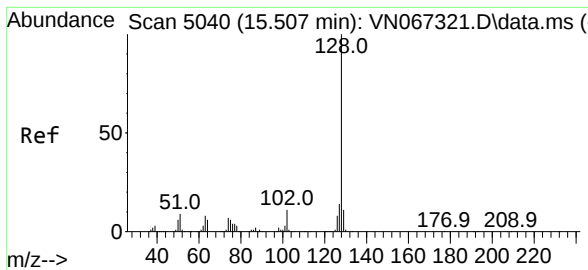
Tgt Ion: 75 Resp: 192063
Ion Ratio Lower Upper
75 100
77 0.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 80.577 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.105 min
Lab File: VN067352.D
Acq: 15 Jun 2021 17:37

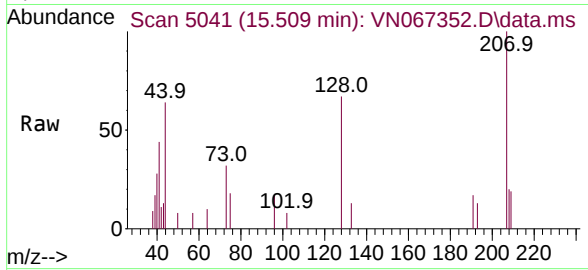
Tgt Ion: 75 Resp: 192063
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#





#95
Naphthalene
Concen: 2.792 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN067352.D
Acq: 15 Jun 2021 17:37

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:	128	Resp:	2692
Ion Ratio	100	Lower	Upper
127	2.0	10.6	15.8#
129	0.0	8.6	12.8#

