

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060521\
 Data File : VN067239.D
 Acq On : 5 Jun 2021 18:46
 Operator : JC/MD
 Sample : M2603-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FAM4-WC1

Quant Time: Jun 07 01:18:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060421W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 04 19:00:20 2021
 Response via : Initial Calibration

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

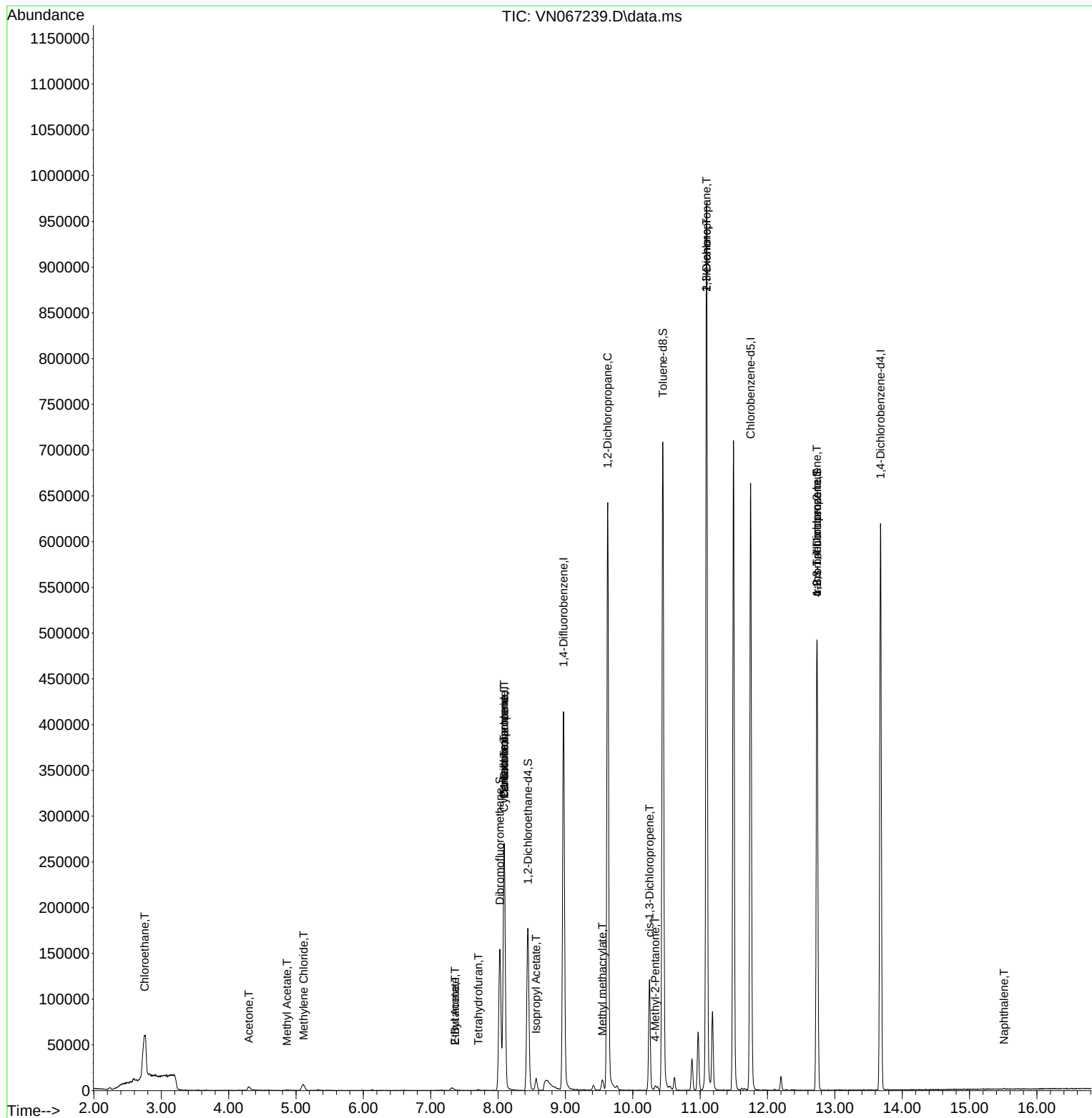
Internal Standards						
1) Pentafluorobenzene	8.091	168	210700	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	376540	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	377383	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	156693	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.442	65	141554	49.286	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.580%		
35) Dibromofluoromethane	8.027	113	110645	47.400	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	94.800%		
50) Toluene-d8	10.446	98	504364	53.052	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	106.100%		
62) 4-Bromofluorobenzene	12.736	95	161570	44.127	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	88.260%		
Target Compounds					Qvalue	
6) Chloroethane	2.754	64	7279	2.773	ug/l #	58
16) Acetone	4.299	43	7202	7.267	ug/l	90
18) Methyl Acetate	4.867	43	907	0.323	ug/l #	48
20) Methylene Chloride	5.111	84	5521	2.212	ug/l	93
25) 2-Butanone	7.359	43	2539	1.600	ug/l #	44
29) Tetrahydrofuran	7.708	42	573	0.607	ug/l #	35
31) Cyclohexane	8.086	56	2710	0.703	ug/l #	38
36) 1,1-Dichloropropene	8.091	75	16932	4.869	ug/l #	48
37) Ethyl Acetate	7.359	43	2539	0.757	ug/l #	65
38) Carbon Tetrachloride	8.091	117	20922	5.509	ug/l #	15
43) Isopropyl Acetate	8.566	43	15541	2.438	ug/l #	82
45) 1,2-Dichloropropane	9.625	63	635	0.236	ug/l #	45
48) Methyl methacrylate	9.547	41	3527	1.277	ug/l #	9
51) 4-Methyl-2-Pentanone	10.336	43	2288	0.612	ug/l	100
54) cis-1,3-Dichloropropene	10.250	75	21179	4.599	ug/l #	72
57) 1,3-Dichloropropane	11.095	76	10175	2.285	ug/l #	42
59) 2-Hexanone	11.095	43	151922	55.958	ug/l #	44
76) 1,2,3-Trichloropropane	12.734	75	90352	29.984	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.734	75	90352	73.363	ug/l #	15
95) Naphthalene	15.509	128	1218	4.584	ug/l #	69

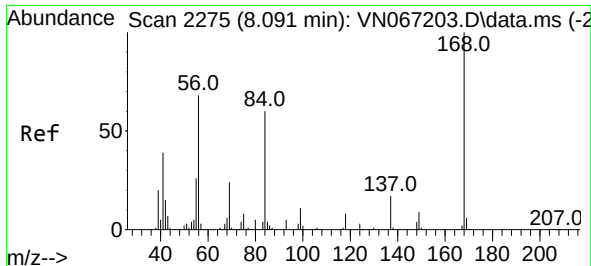
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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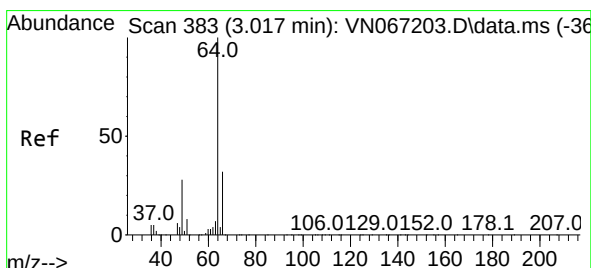
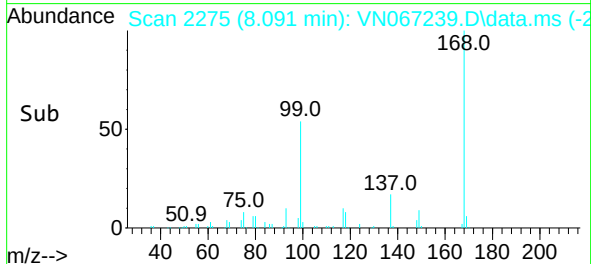
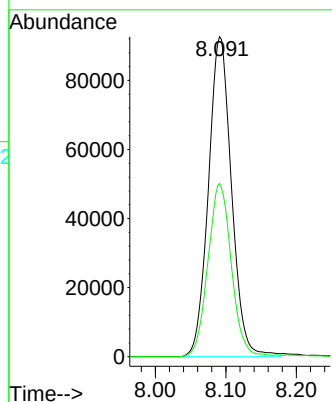
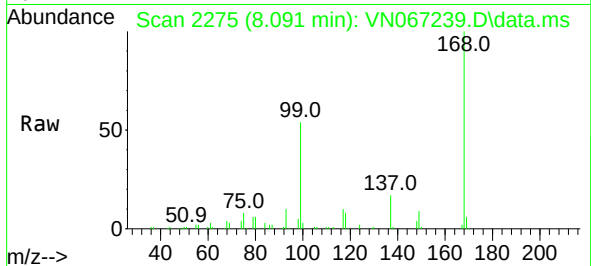




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. 0.000 min
Lab File: VN067239.D
Acq: 5 Jun 2021 18:46

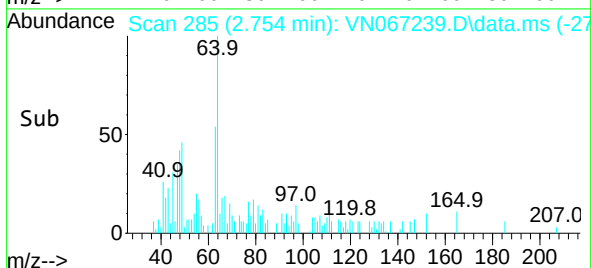
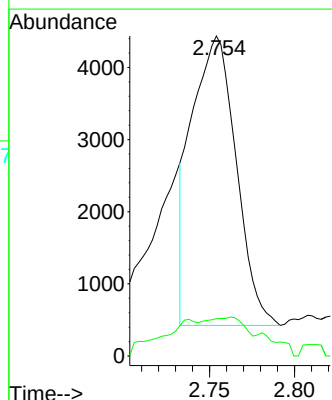
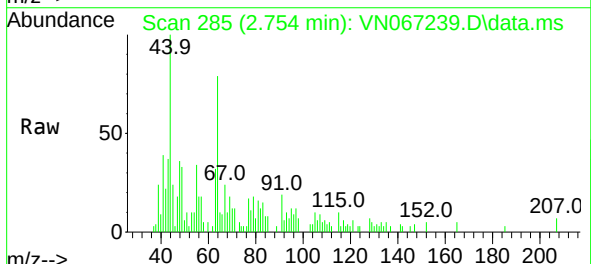
Instrument :
MSVOA_N
ClientSampleId :
FAM4-WC1

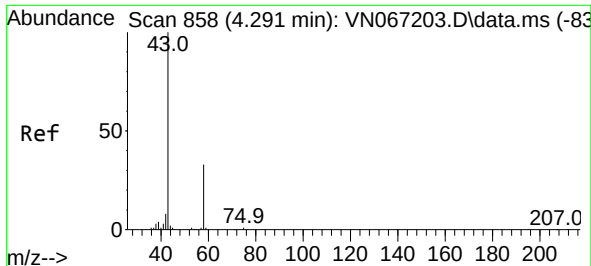
Tgt Ion:168 Resp: 210700
Ion Ratio Lower Upper
168 100
99 54.1 38.5 57.7



#6
Chloroethane
Concen: 2.773 ug/l
RT: 2.754 min Scan# 285
Delta R.T. -0.263 min
Lab File: VN067239.D
Acq: 5 Jun 2021 18:46

Tgt Ion: 64 Resp: 7279
Ion Ratio Lower Upper
64 100
66 8.0 25.0 37.6#

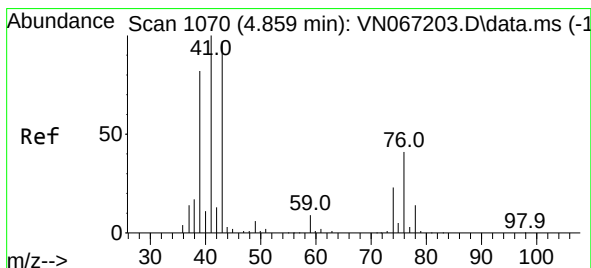
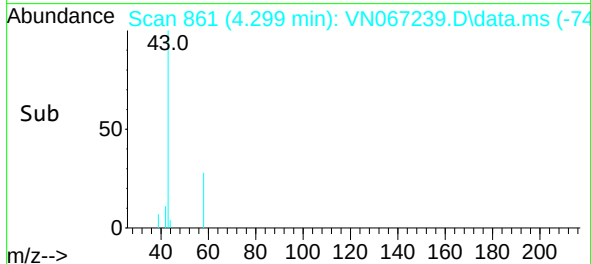
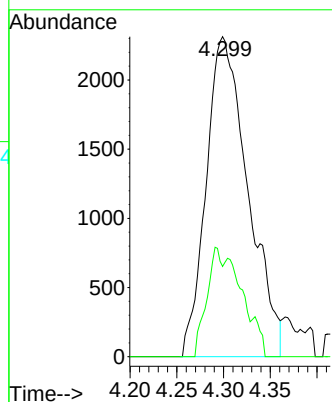
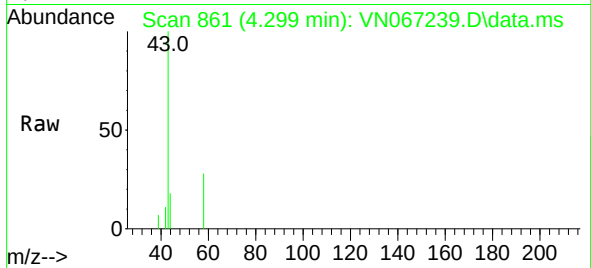




#16
Acetone
Concen: 7.267 ug/l
RT: 4.299 min Scan# 861
Delta R.T. 0.008 min
Lab File: VN067239.D
Acq: 5 Jun 2021 18:46

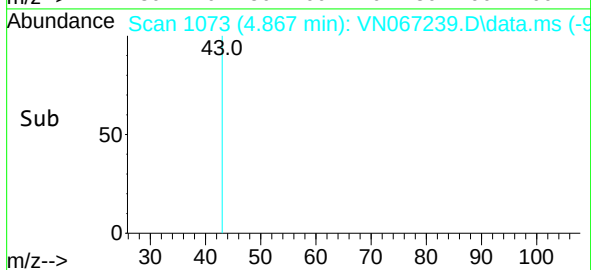
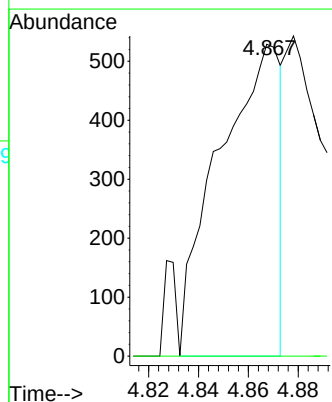
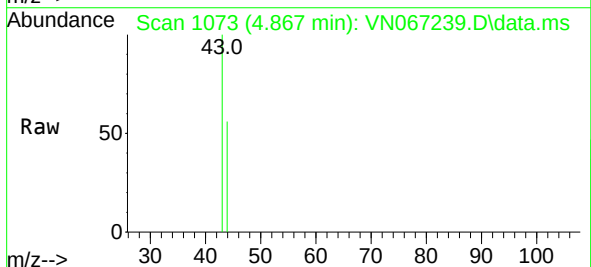
Instrument :
MSVOA_N
ClientSampleId :
FAM4-WC1

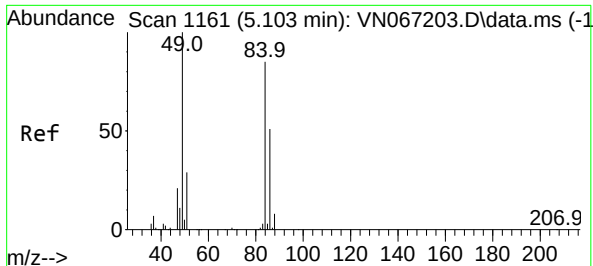
Tgt Ion: 43 Resp: 7202
Ion Ratio Lower Upper
43 100
58 28.2 27.2 40.8



#18
Methyl Acetate
Concen: 0.323 ug/l
RT: 4.867 min Scan# 1073
Delta R.T. 0.008 min
Lab File: VN067239.D
Acq: 5 Jun 2021 18:46

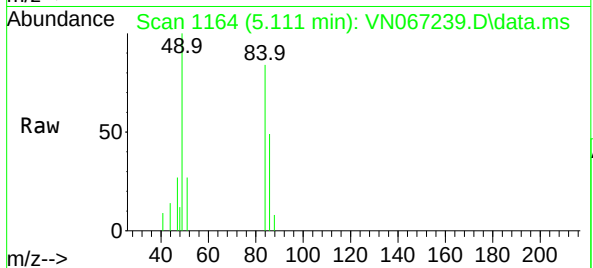
Tgt Ion: 43 Resp: 907
Ion Ratio Lower Upper
43 100
74 0.0 21.4 32.2#



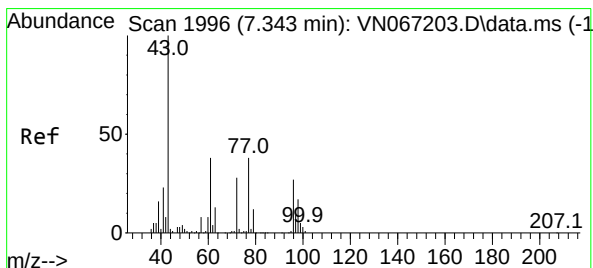
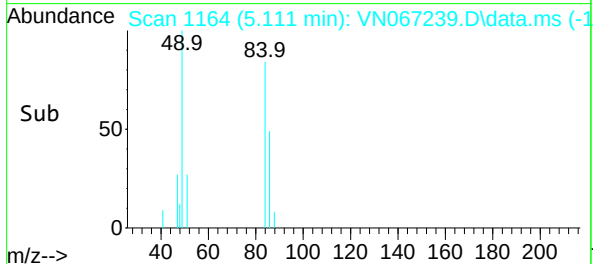
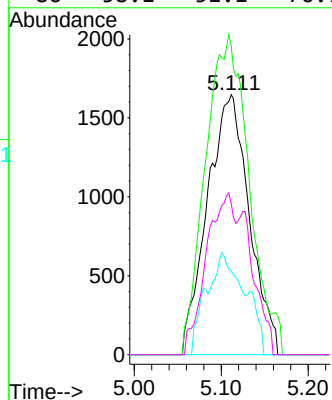


#20
Methylene Chloride
Concen: 2.212 ug/l
RT: 5.111 min Scan# 1164
Delta R.T. 0.008 min
Lab File: VN067239.D
Acq: 5 Jun 2021 18:46

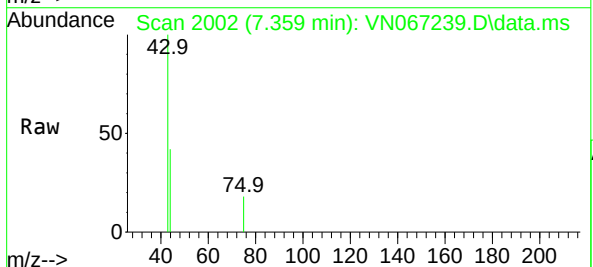
Instrument :
MSVOA_N
ClientSampleId :
FAM4-WC1



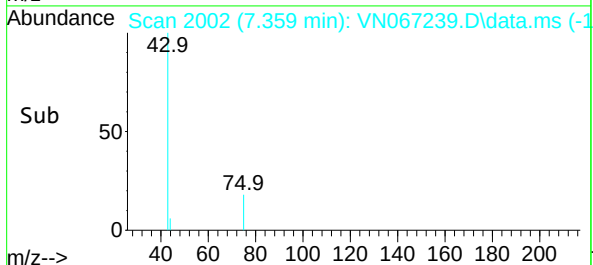
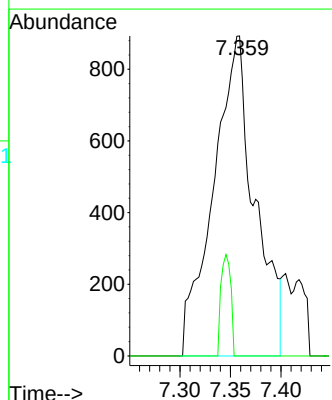
Tgt Ion:	84	Resp:	5521
Ion	Ratio	Lower	Upper
84	100		
49	118.6	88.3	132.5
51	32.2	26.7	40.1
86	58.1	51.1	76.7

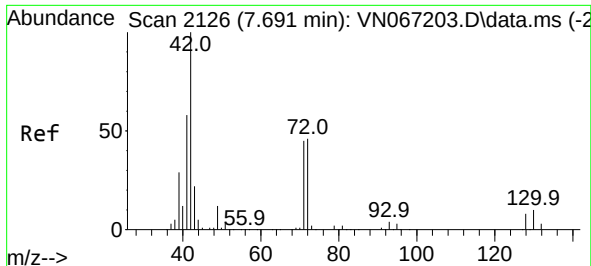


#25
2-Butanone
Concen: 1.600 ug/l
RT: 7.359 min Scan# 2002
Delta R.T. 0.016 min
Lab File: VN067239.D
Acq: 5 Jun 2021 18:46



Tgt Ion:	43	Resp:	2539
Ion	Ratio	Lower	Upper
43	100		
72	0.0	24.4	36.6#





#29

Tetrahydrofuran

Concen: 0.607 ug/l

RT: 7.708 min Scan# 2132

Delta R.T. 0.017 min

Lab File: VN067239.D

Acq: 5 Jun 2021 18:46

Tgt Ion: 42 Resp: 573

Ion Ratio Lower Upper

42 100

72 0.0 40.1 60.1#

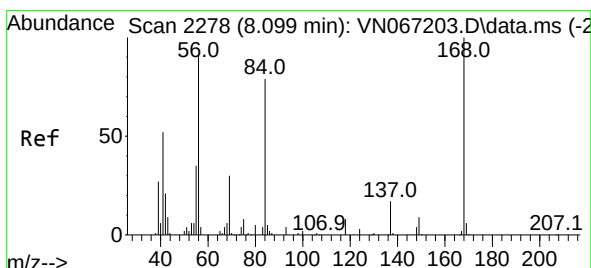
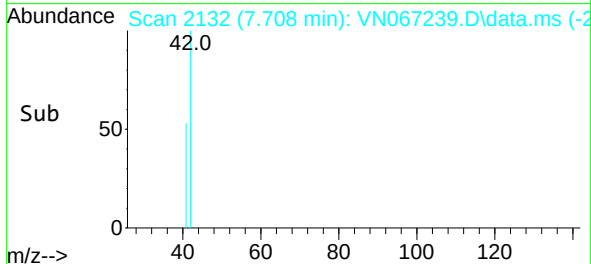
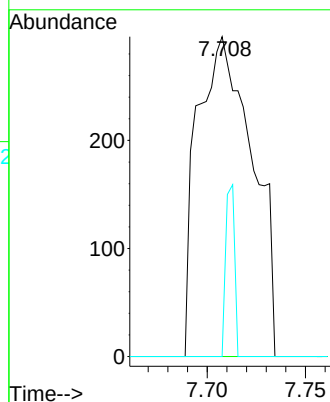
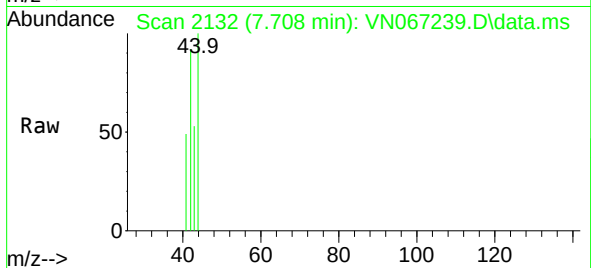
71 8.7 37.9 56.9#

Instrument :

MSVOA_N

ClientSampled :

FAM4-WC1



#31

Cyclohexane

Concen: 0.703 ug/l

RT: 8.086 min Scan# 2273

Delta R.T. -0.013 min

Lab File: VN067239.D

Acq: 5 Jun 2021 18:46

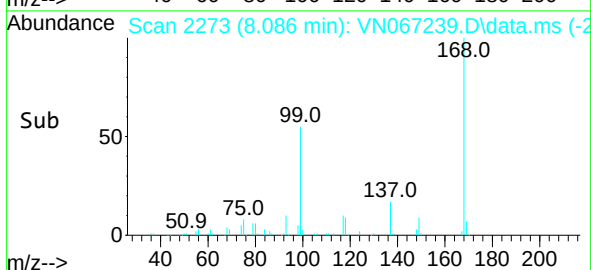
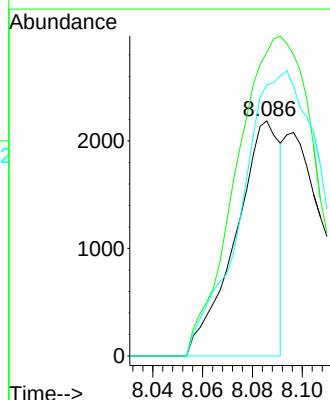
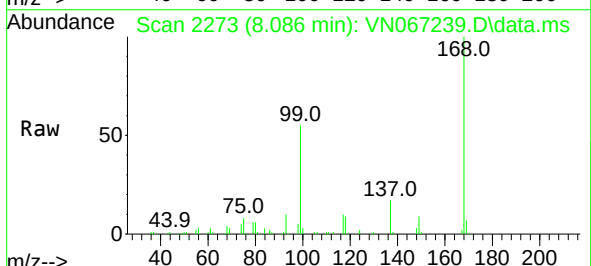
Tgt Ion: 56 Resp: 2710

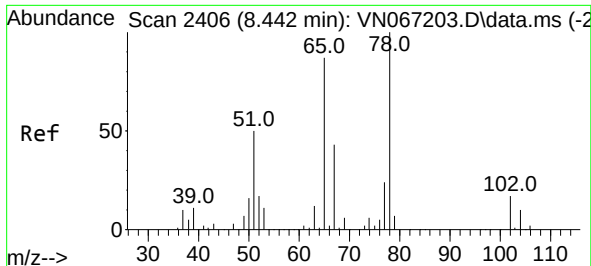
Ion Ratio Lower Upper

56 100

69 129.1 28.0 42.0#

84 115.4 74.2 111.2#



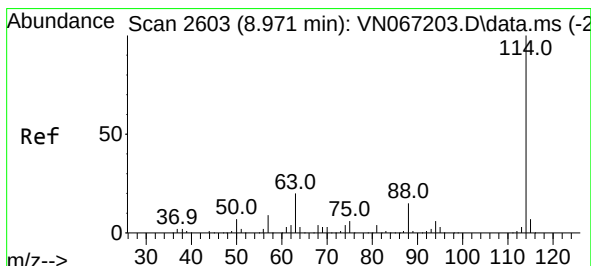
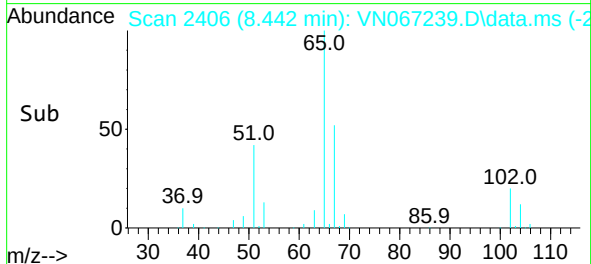
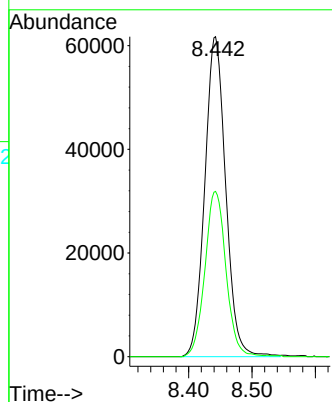
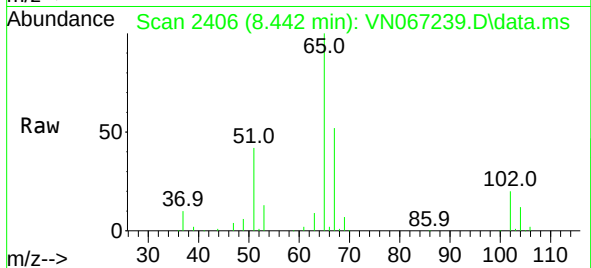


#33

1,2-Dichloroethane-d4
Concen: 49.286 ug/l
RT: 8.442 min Scan# 2406
Delta R.T. 0.000 min
Lab File: VN067239.D
Acq: 5 Jun 2021 18:46

Instrument :
MSVOA_N
ClientSampleId :
FAM4-WC1

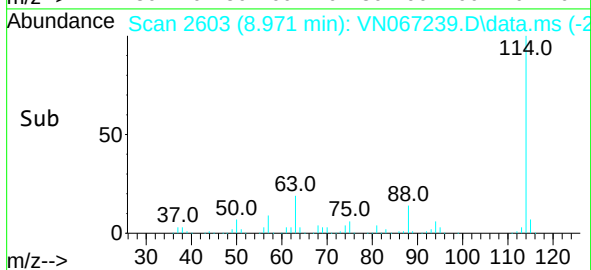
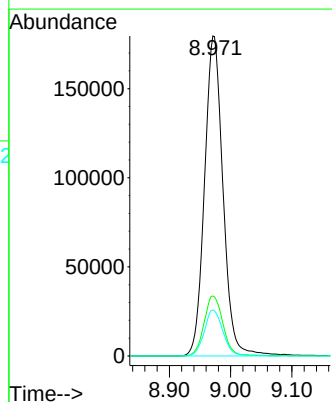
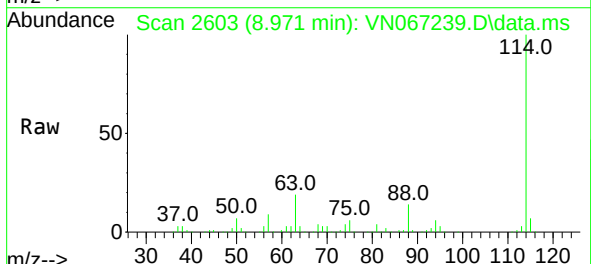
Tgt Ion: 65 Resp: 141554
Ion Ratio Lower Upper
65 100
67 51.9 0.0 110.4

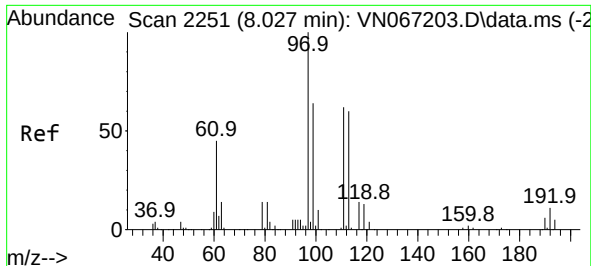


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.000 min
Lab File: VN067239.D
Acq: 5 Jun 2021 18:46

Tgt Ion: 114 Resp: 376540
Ion Ratio Lower Upper
114 100
63 18.8 0.0 35.8
88 14.3 0.0 30.4

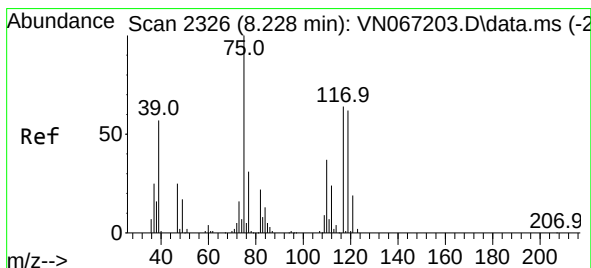
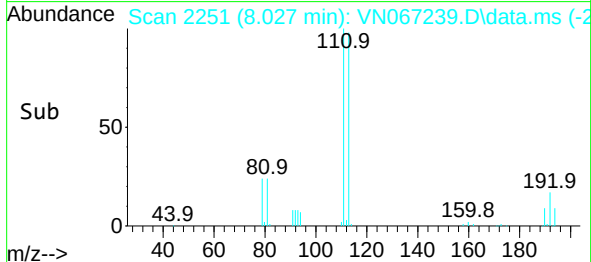
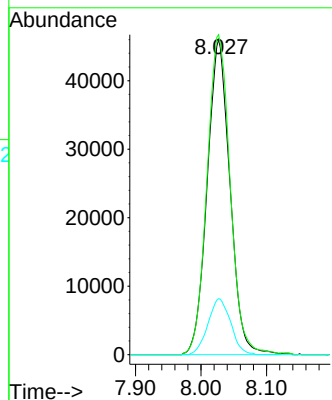
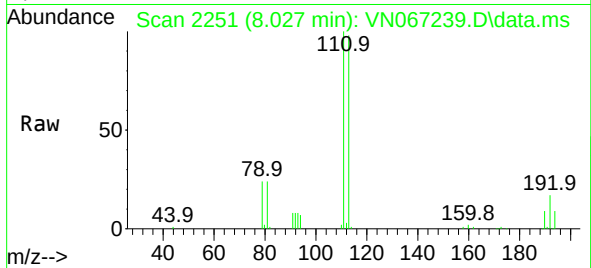




#35
Dibromofluoromethane
Concen: 47.400 ug/l
RT: 8.027 min Scan# 2251
Delta R.T. 0.000 min
Lab File: VN067239.D
Acq: 5 Jun 2021 18:46

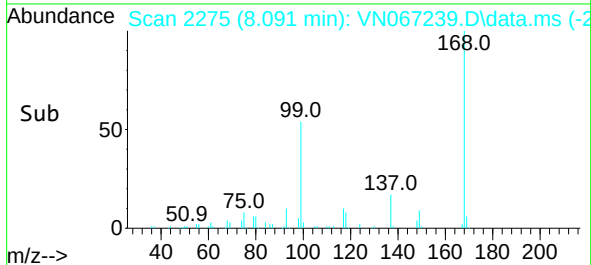
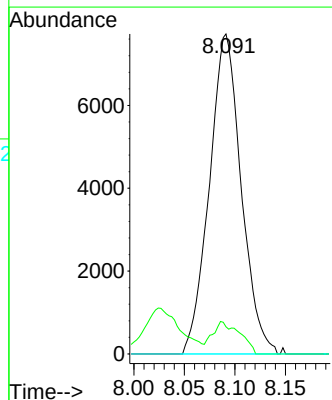
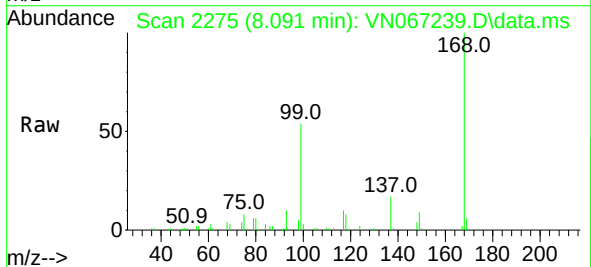
Instrument :
MSVOA_N
ClientSampled :
FAM4-WC1

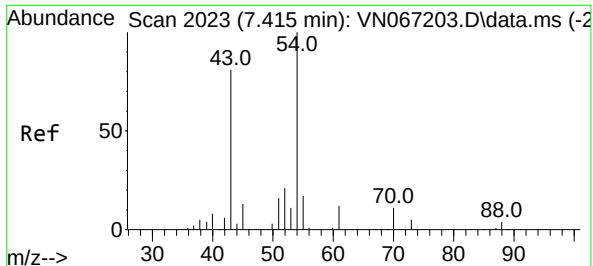
Tgt Ion:113 Resp: 110645
Ion Ratio Lower Upper
113 100
111 103.7 82.6 124.0
192 17.8 18.2 27.4#



#36
1,1-Dichloropropene
Concen: 4.869 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. -0.137 min
Lab File: VN067239.D
Acq: 5 Jun 2021 18:46

Tgt Ion: 75 Resp: 16932
Ion Ratio Lower Upper
75 100
110 8.7 19.1 57.3#
77 0.0 24.8 37.2#





#37

Ethyl Acetate

Concen: 0.757 ug/l

RT: 7.359 min Scan# 2002

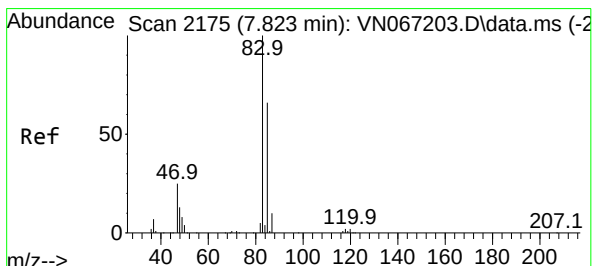
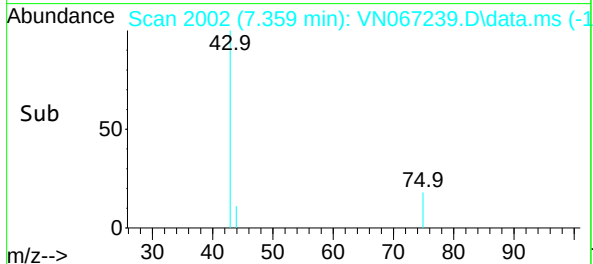
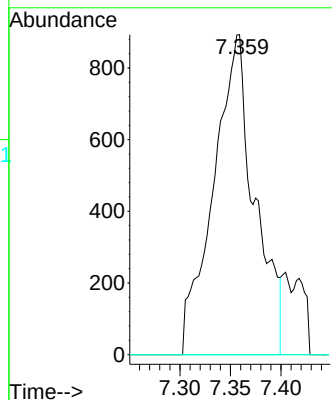
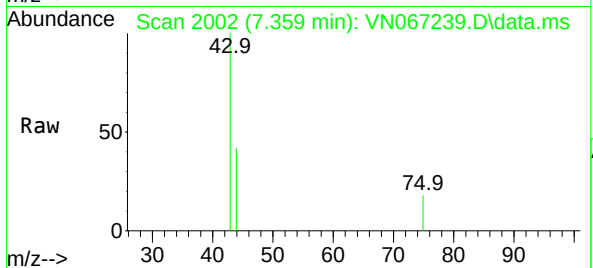
Delta R.T. -0.056 min

Lab File: VN067239.D

Acq: 5 Jun 2021 18:46

Tgt Ion:	43	Resp:	2539
Ion	Ratio	Lower	Upper
43	100		
61	0.0	13.0	19.4#
70	0.0	9.2	13.8#

Instrument :
MSVOA_N
ClientSampleId :
FAM4-WC1



#38

Carbon Tetrachloride

Concen: 5.509 ug/l

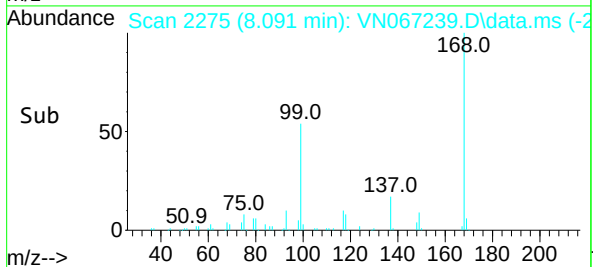
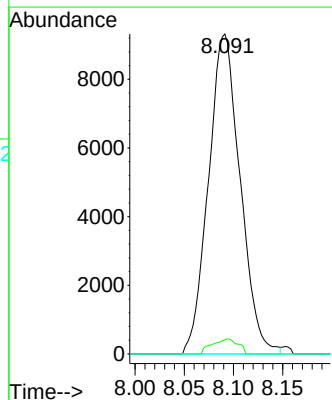
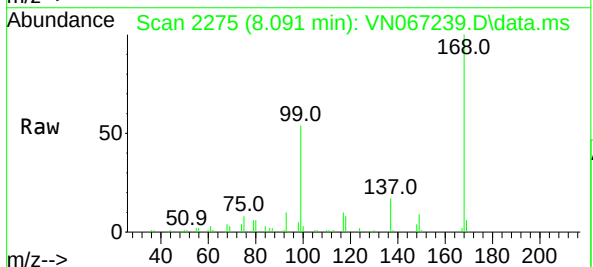
RT: 8.091 min Scan# 2275

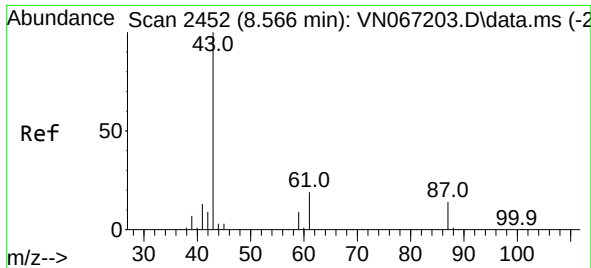
Delta R.T. -0.121 min

Lab File: VN067239.D

Acq: 5 Jun 2021 18:46

Tgt Ion:	117	Resp:	20922
Ion	Ratio	Lower	Upper
117	100		
119	4.4	78.2	117.2#
121	0.0	24.7	37.1#

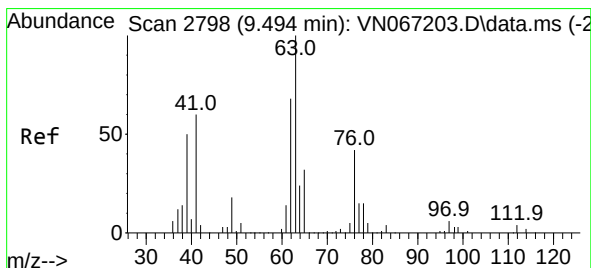
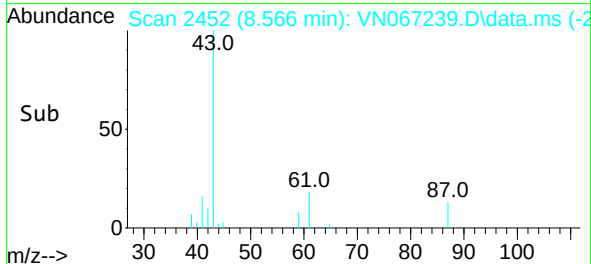
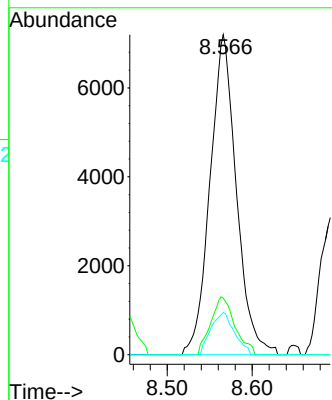
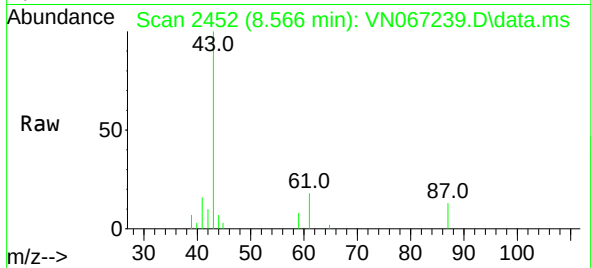




#43
Isopropyl Acetate
Concen: 2.438 ug/l
RT: 8.566 min Scan# 2452
Delta R.T. 0.000 min
Lab File: VN067239.D
Acq: 5 Jun 2021 18:46

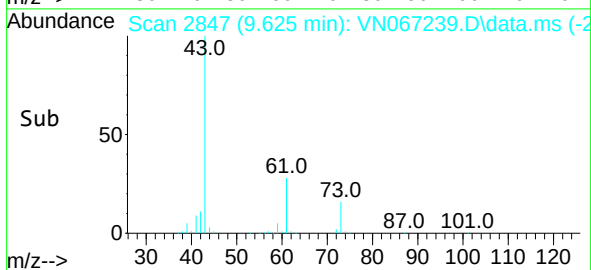
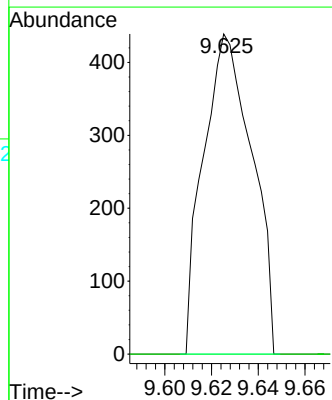
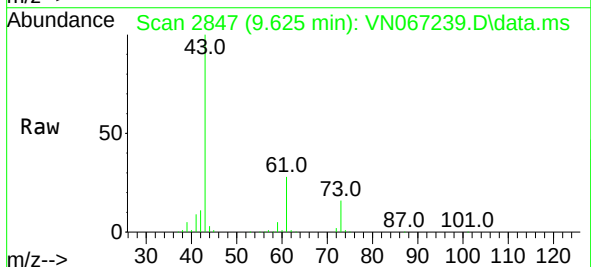
Instrument :
MSVOA_N
ClientSampled :
FAM4-WC1

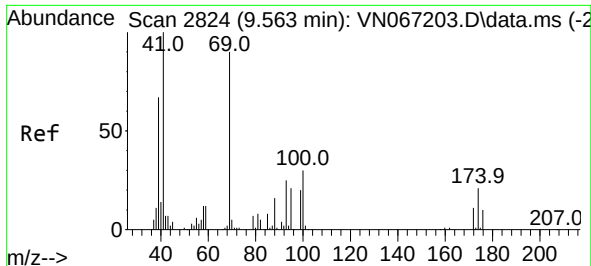
Tgt Ion: 43 Resp: 15541
Ion Ratio Lower Upper
43 100
61 16.5 23.4 35.0#
87 11.7 12.2 18.2#



#45
1,2-Dichloropropane
Concen: 0.236 ug/l
RT: 9.625 min Scan# 2847
Delta R.T. 0.132 min
Lab File: VN067239.D
Acq: 5 Jun 2021 18:46

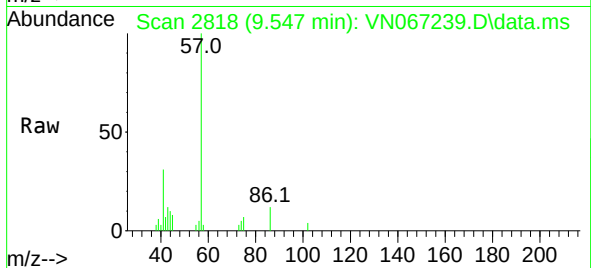
Tgt Ion: 63 Resp: 635
Ion Ratio Lower Upper
63 100
65 0.0 23.9 35.9#



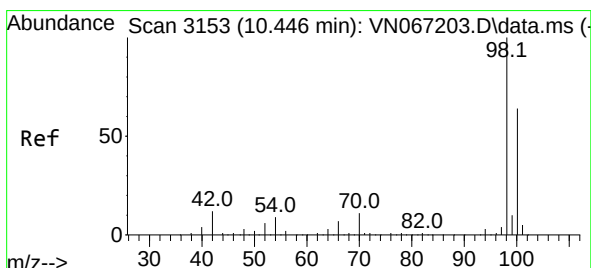
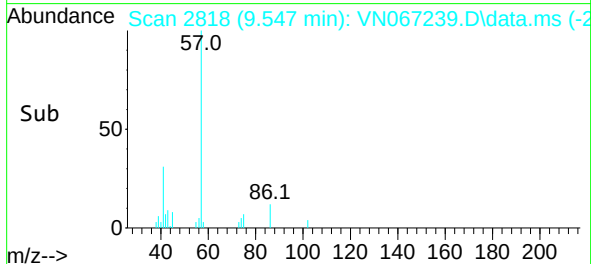
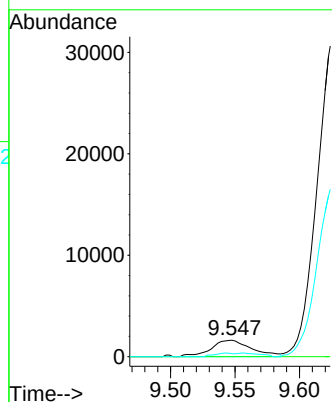


#48
Methyl methacrylate
Concen: 1.277 ug/l
RT: 9.547 min Scan# 2818
Delta R.T. -0.016 min
Lab File: VN067239.D
Acq: 5 Jun 2021 18:46

Instrument :
MSVOA_N
ClientSampleId :
FAM4-WC1

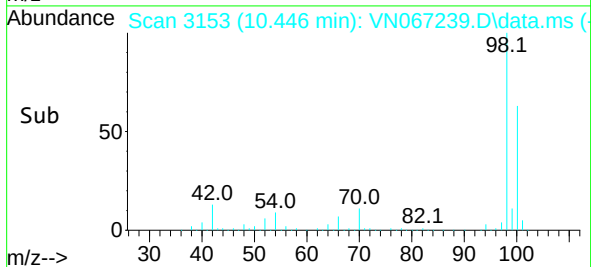
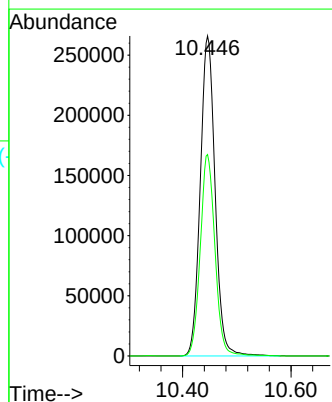
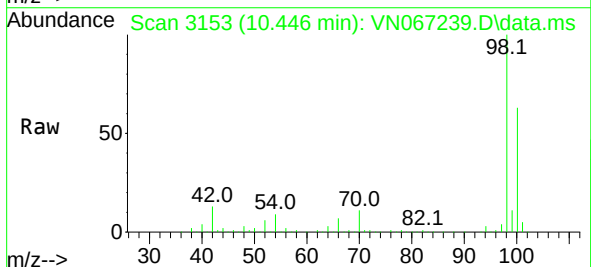


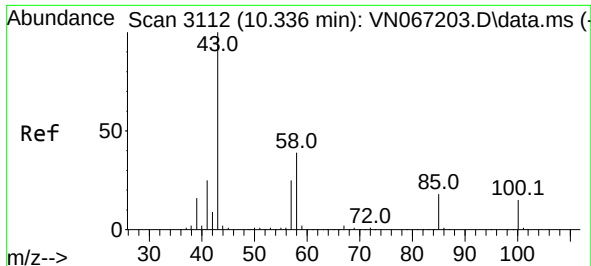
Tgt Ion: 41 Resp: 3527
Ion Ratio Lower Upper
41 100
69 0.0 80.5 120.7#
39 0.0 41.4 62.0#



#50
Toluene-d8
Concen: 53.052 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VN067239.D
Acq: 5 Jun 2021 18:46

Tgt Ion: 98 Resp: 504364
Ion Ratio Lower Upper
98 100
100 62.4 51.8 77.8

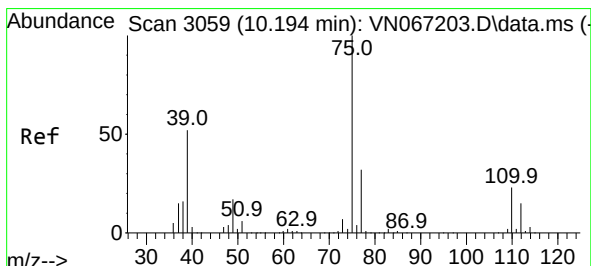
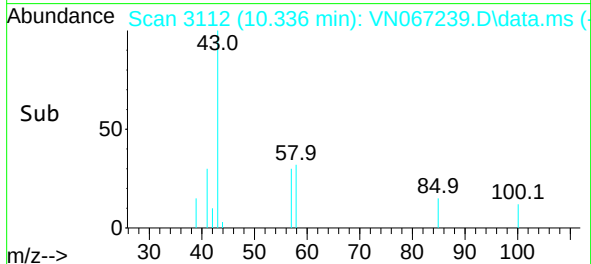
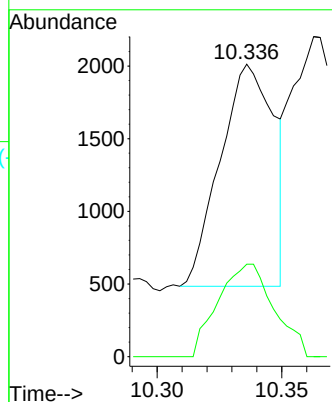
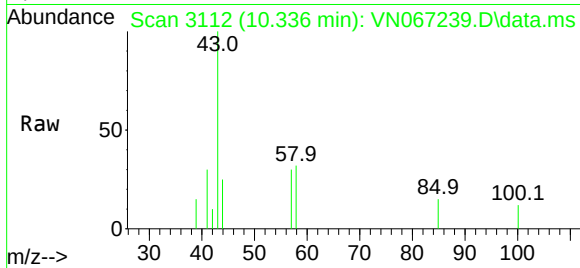




#51
4-Methyl-2-Pentanone
Concen: 0.612 ug/l
RT: 10.336 min Scan# 3112
Delta R.T. -0.000 min
Lab File: VN067239.D
Acq: 5 Jun 2021 18:46

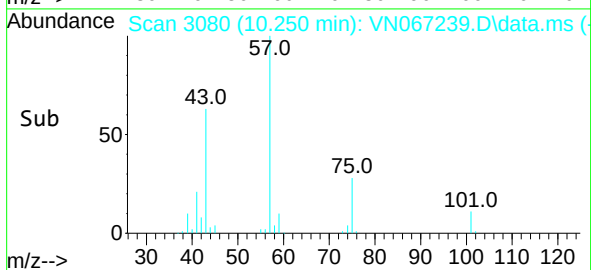
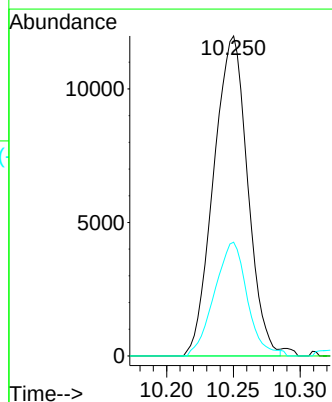
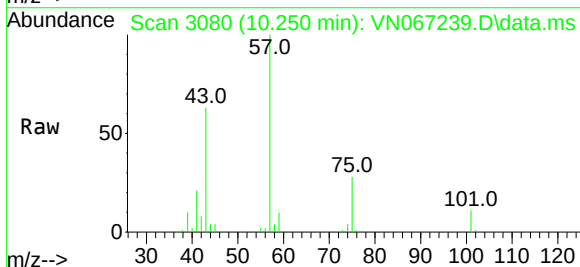
Instrument :
MSVOA_N
ClientSampleId :
FAM4-WC1

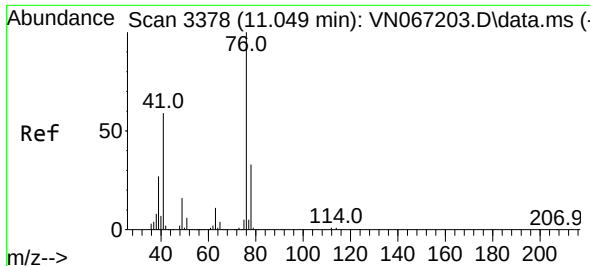
Tgt Ion: 43 Resp: 2288
Ion Ratio Lower Upper
43 100
58 43.4 34.5 51.7



#54
cis-1,3-Dichloropropene
Concen: 4.599 ug/l
RT: 10.250 min Scan# 3080
Delta R.T. 0.056 min
Lab File: VN067239.D
Acq: 5 Jun 2021 18:46

Tgt Ion: 75 Resp: 21179
Ion Ratio Lower Upper
75 100
77 0.0 25.1 37.7#
39 35.5 30.9 46.3

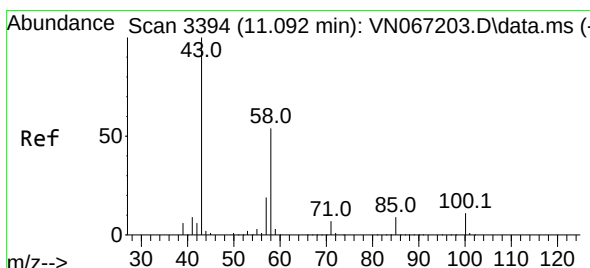
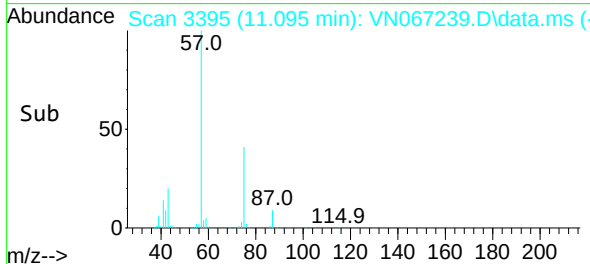
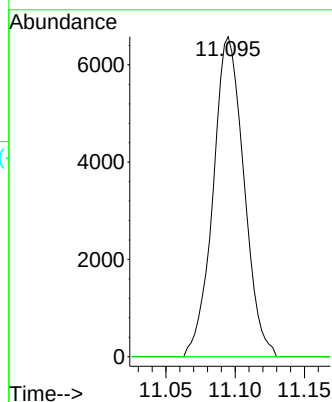
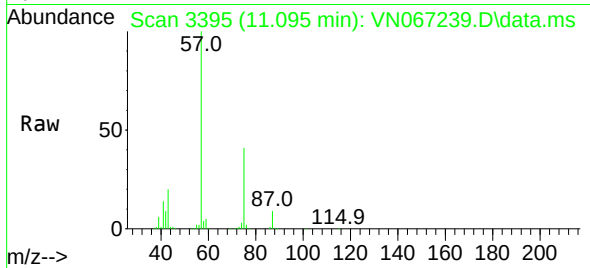




#57
1,3-Dichloropropane
Concen: 2.285 ug/l
RT: 11.095 min Scan# 3395
Delta R.T. 0.046 min
Lab File: VN067239.D
Acq: 5 Jun 2021 18:46

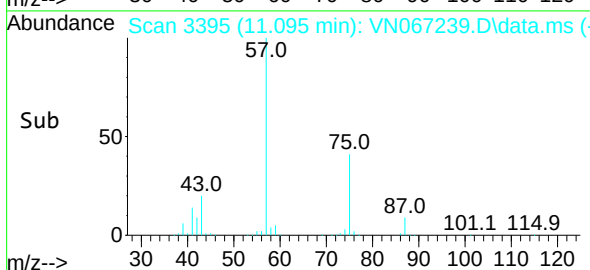
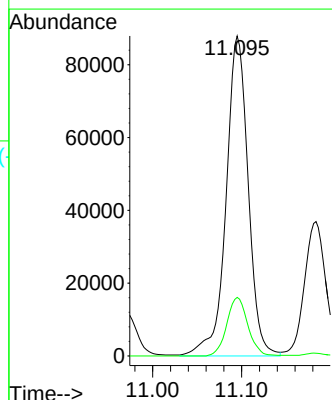
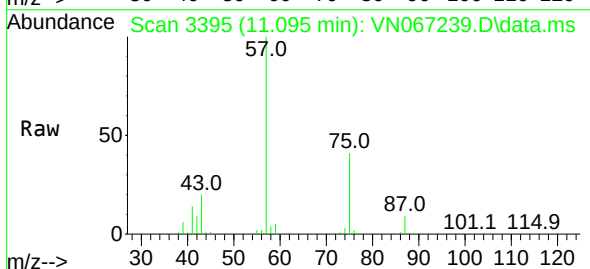
Instrument :
MSVOA_N
ClientSampleId :
FAM4-WC1

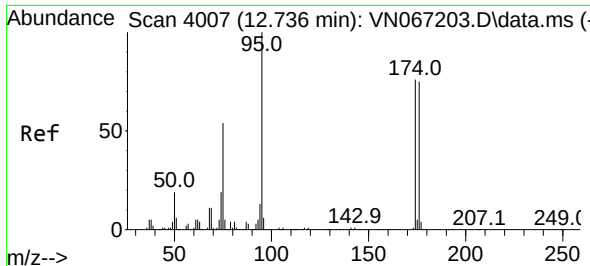
Tgt Ion: 76 Resp: 10175
Ion Ratio Lower Upper
76 100
78 0.0 26.3 39.5#



#59
2-Hexanone
Concen: 55.958 ug/l
RT: 11.095 min Scan# 3395
Delta R.T. 0.003 min
Lab File: VN067239.D
Acq: 5 Jun 2021 18:46

Tgt Ion: 43 Resp: 151922
Ion Ratio Lower Upper
43 100
58 17.5 29.8 89.5#

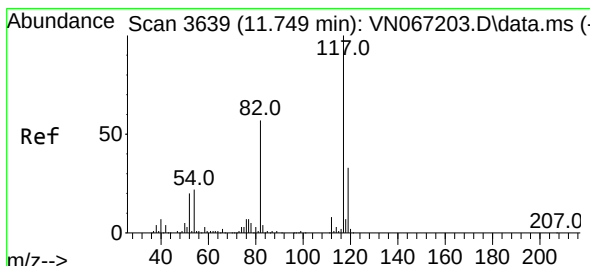
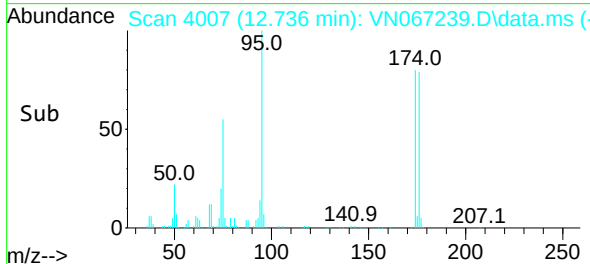
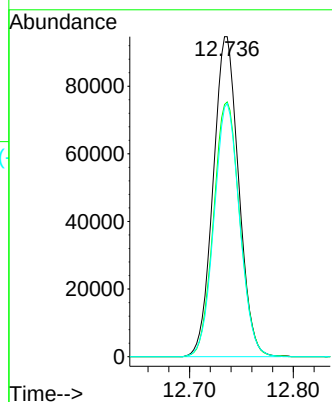
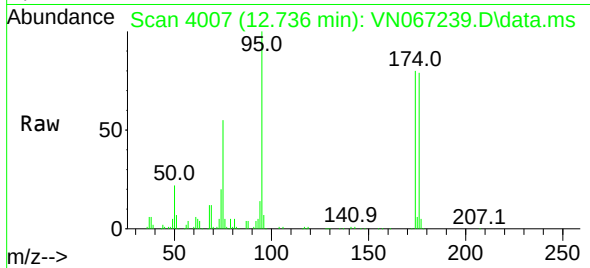




#62
4-Bromofluorobenzene
Concen: 44.127 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.000 min
Lab File: VN067239.D
Acq: 5 Jun 2021 18:46

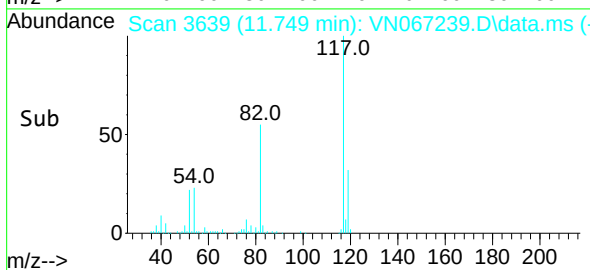
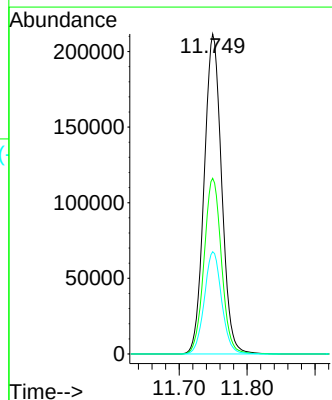
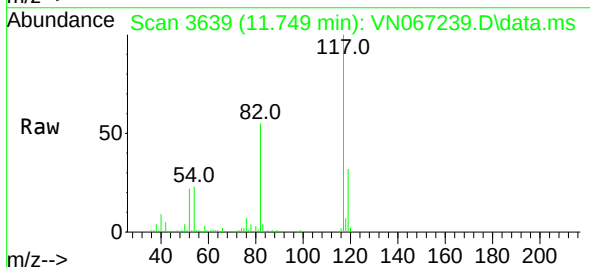
Instrument :
MSVOA_N
ClientSampleId :
FAM4-WC1

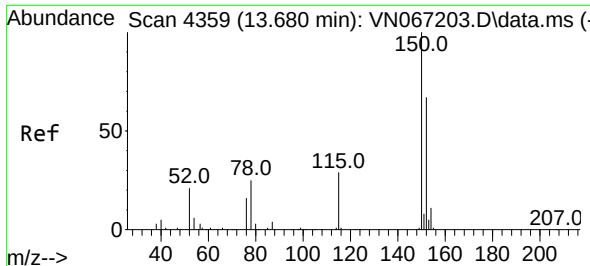
Tgt Ion: 95 Resp: 161570
Ion Ratio Lower Upper
95 100
174 81.6 0.0 182.8
176 79.2 0.0 176.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.000 min
Lab File: VN067239.D
Acq: 5 Jun 2021 18:46

Tgt Ion: 117 Resp: 377383
Ion Ratio Lower Upper
117 100
82 54.9 42.2 63.2
119 32.0 25.8 38.6

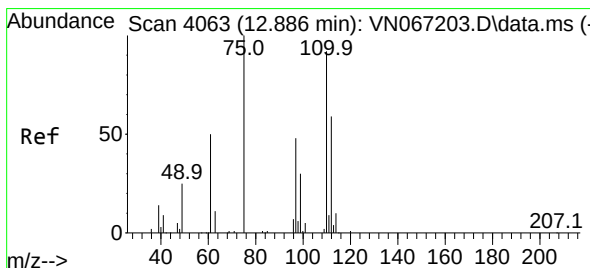
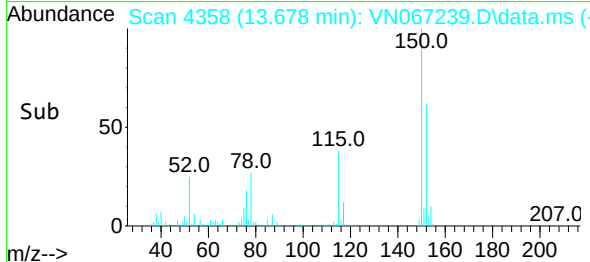
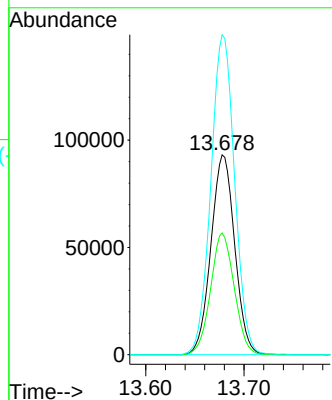
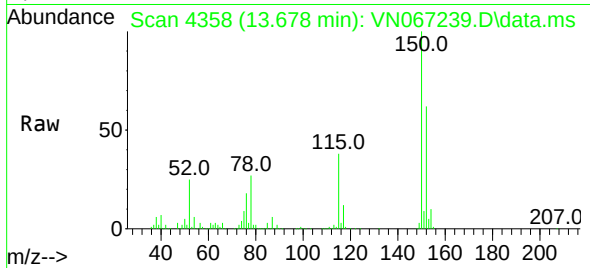




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. -0.003 min
Lab File: VN067239.D
Acq: 5 Jun 2021 18:46

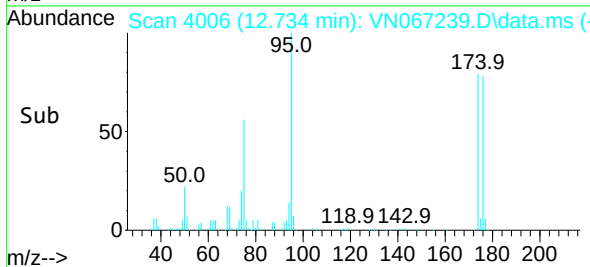
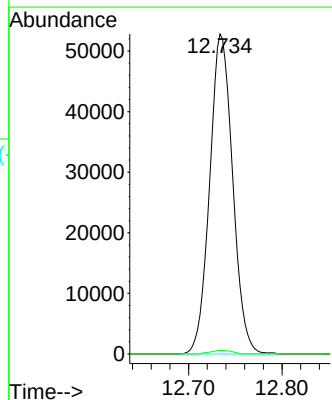
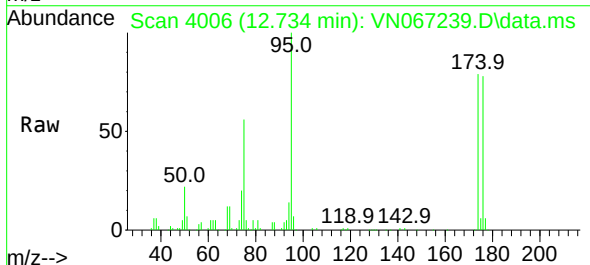
Instrument :
MSVOA_N
ClientSampleId :
FAM4-WC1

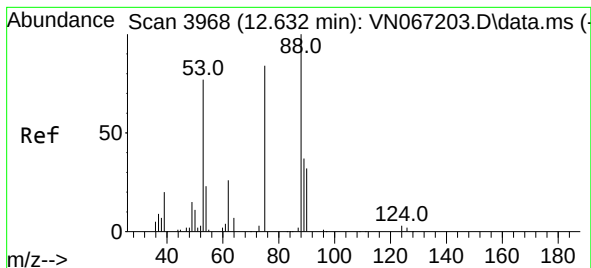
Tgt Ion:152 Resp: 156693
Ion Ratio Lower Upper
152 100
115 60.5 27.0 80.8
150 160.2 0.0 350.2



#76
1,2,3-Trichloropropane
Concen: 29.984 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.153 min
Lab File: VN067239.D
Acq: 5 Jun 2021 18:46

Tgt Ion: 75 Resp: 90352
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#

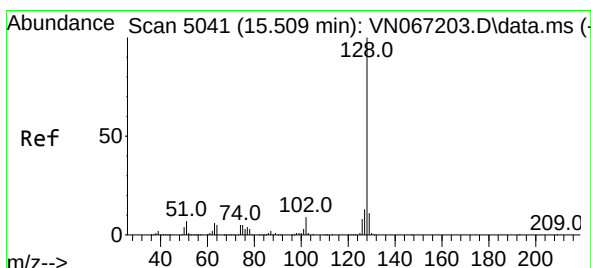
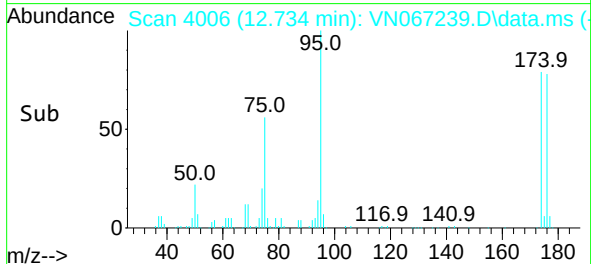
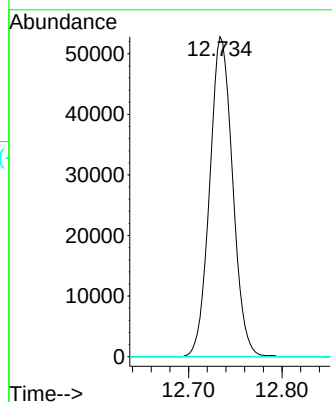
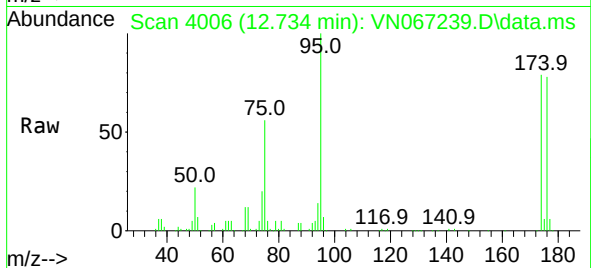




#81
trans-1,4-Dichloro-2-butene
Concen: 73.363 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.102 min
Lab File: VN067239.D
Acq: 5 Jun 2021 18:46

Instrument :
MSVOA_N
ClientSampled :
FAM4-WC1

Tgt Ion: 75 Resp: 90352
Ion Ratio Lower Upper
75 100
53 0.0 66.3 99.5#
89 0.0 39.5 59.3#



#95
Naphthalene
Concen: 4.584 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.000 min
Lab File: VN067239.D
Acq: 5 Jun 2021 18:46

Tgt Ion: 128 Resp: 1218
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.6 13.0#

