

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021221\
 Data File : VN065849.D
 Acq On : 12 Feb 2021 19:36
 Operator : JC/MD
 Sample : M1382-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 13 00:50:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 13:47:28 2021
 Response via : Initial Calibration

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

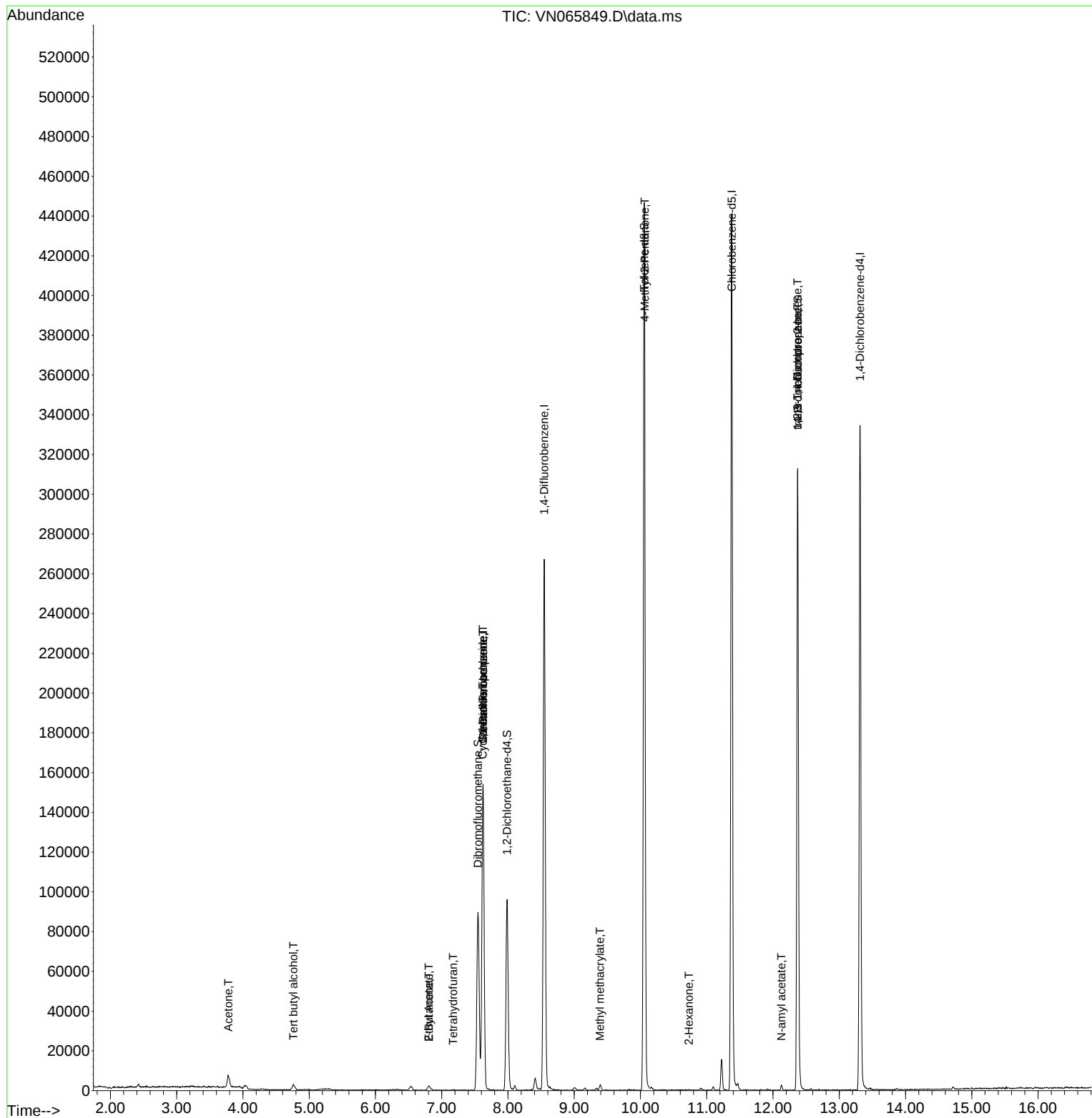
Internal Standards						
1) Pentafluorobenzene	7.624	168	131073	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	256514	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	267697	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	100384	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	79445	46.07	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	92.14%		
35) Dibromofluoromethane	7.547	113	74926	49.29	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.58%		
50) Toluene-d8	10.058	98	334068	55.91	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	111.82%		
62) 4-Bromofluorobenzene	12.373	95	128015	59.50	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	119.00%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.762	59	5325	16.49	ug/l #	82
16) Acetone	3.778	43	9668	14.40	ug/l	91
25) 2-Butanone	6.804	43	4343	4.13	ug/l	97
29) Tetrahydrofuran	7.174	42	159	0.21	ug/l #	32
31) Cyclohexane	7.618	56	2267	0.70	ug/l #	1
36) 1,1-Dichloropropene	7.621	75	9685	3.75	ug/l #	47
37) Ethyl Acetate	6.804	43	4343	1.75	ug/l #	68
38) Carbon Tetrachloride	7.621	117	12155	5.72	ug/l #	17
48) Methyl methacrylate	9.389	41	1229	0.59	ug/l #	17
51) 4-Methyl-2-Pentanone	10.064	43	1341	0.55	ug/l #	1
59) 2-Hexanone	10.730	43	392	0.23	ug/l #	23
74) N-amyl acetate	12.129	43	2058	0.55	ug/l #	76
76) 1,2,3-Trichloropropane	12.370	75	56459	21.51	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.370	75	56459	55.09	ug/l #	12

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

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Quant Title : SW846 8260
QLast Update : Mon Jan 25 13:47:28 2021
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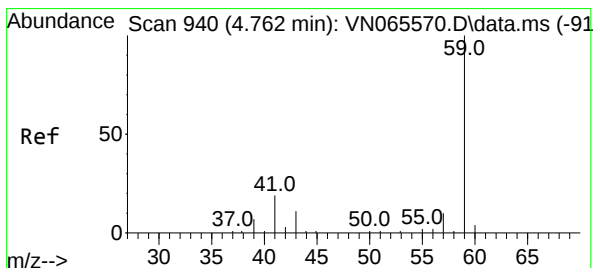
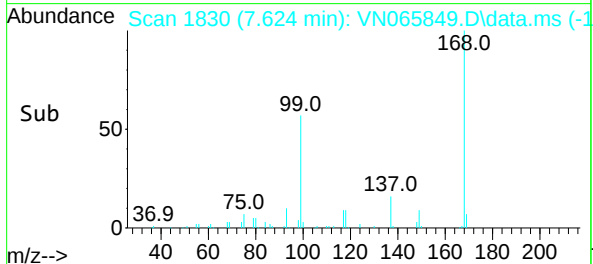
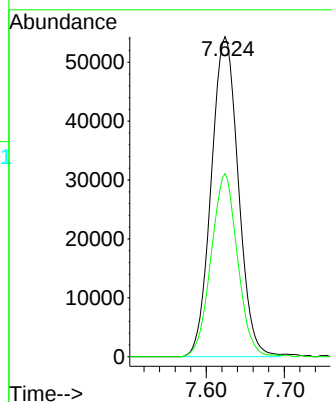
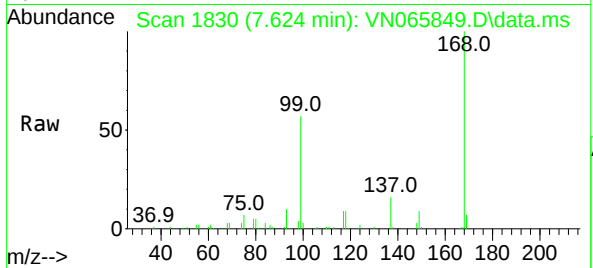




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN065849.D
Acq: 12 Feb 2021 19:36

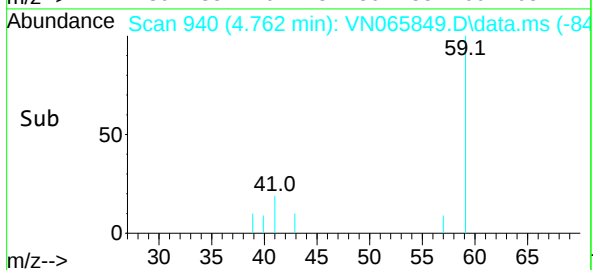
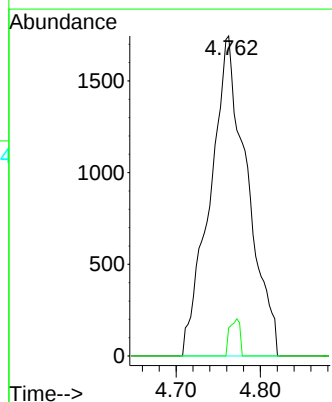
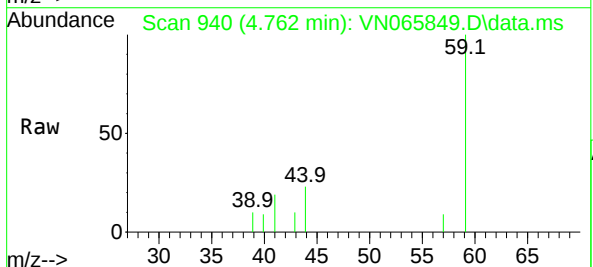
Instrument :
MSVOA_N
ClientSampled :

Tgt Ion:168 Resp: 131073
Ion Ratio Lower Upper
168 100
99 57.2 42.6 63.8



#11
Tert butyl alcohol
Concen: 16.49 ug/l
RT: 4.762 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN065849.D
Acq: 12 Feb 2021 19:36

Tgt Ion: 59 Resp: 5325
Ion Ratio Lower Upper
59 100
57 3.2 8.0 12.0#

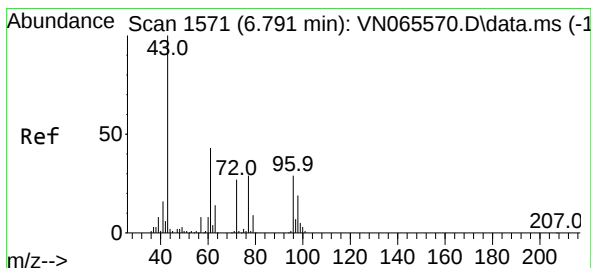
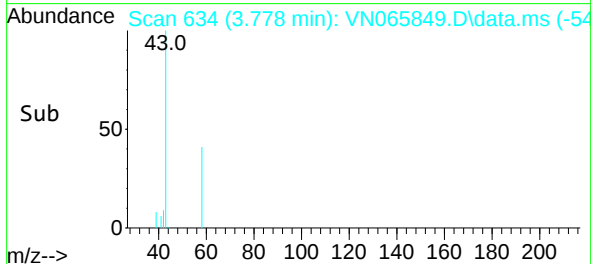
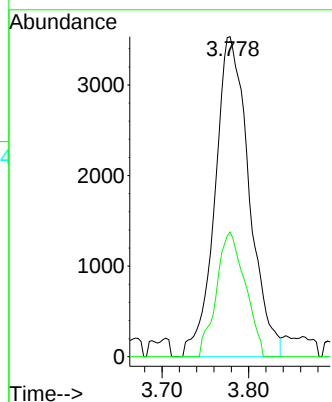
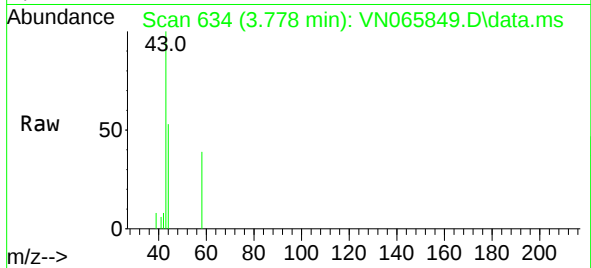




#16
Acetone
Concen: 14.40 ug/l
RT: 3.778 min Scan# 634
Delta R.T. -0.004 min
Lab File: VN065849.D
Acq: 12 Feb 2021 19:36

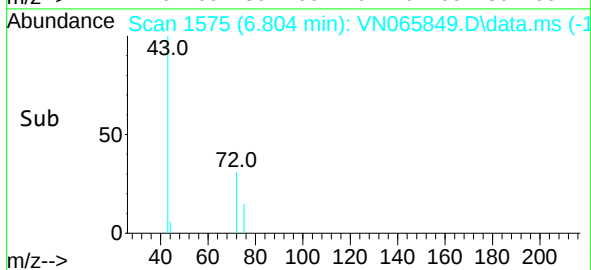
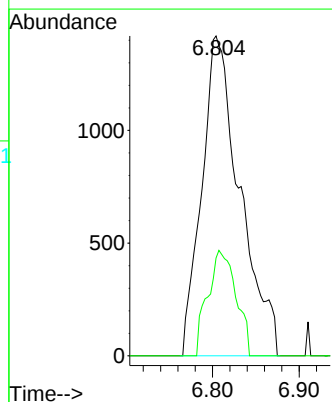
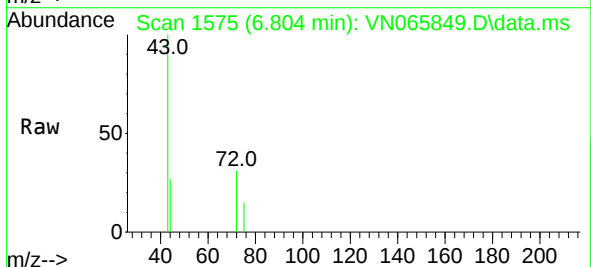
Instrument :
MSVOA_N
ClientSampleId :

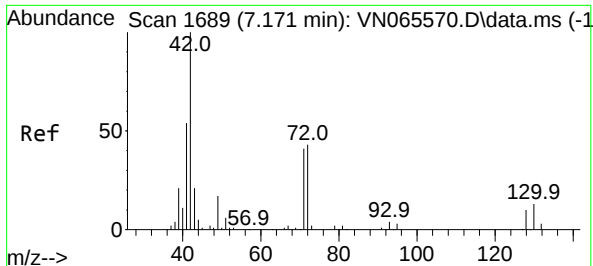
Tgt Ion: 43 Resp: 9668
Ion Ratio Lower Upper
43 100
58 38.9 27.0 40.6



#25
2-Butanone
Concen: 4.13 ug/l
RT: 6.804 min Scan# 1575
Delta R.T. 0.013 min
Lab File: VN065849.D
Acq: 12 Feb 2021 19:36

Tgt Ion: 43 Resp: 4343
Ion Ratio Lower Upper
43 100
72 30.6 23.1 34.7





#29

Tetrahydrofuran

Concen: 0.21 ug/l

RT: 7.174 min Scan# 1690

Delta R.T. 0.003 min

Lab File: VN065849.D

Acq: 12 Feb 2021 19:36

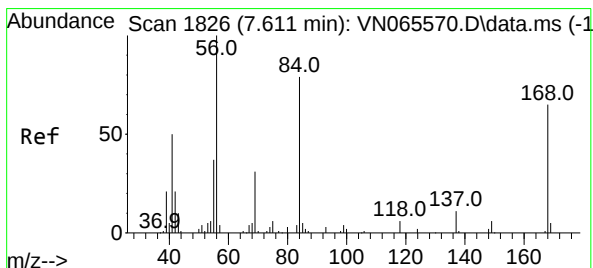
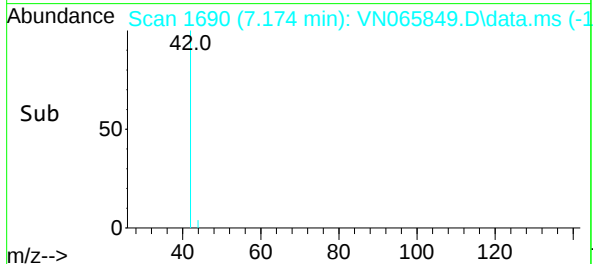
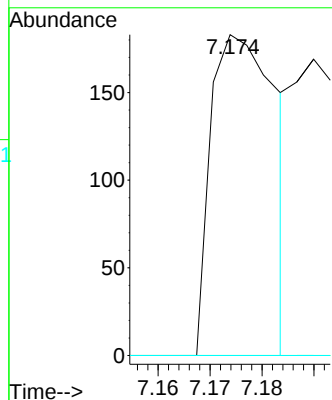
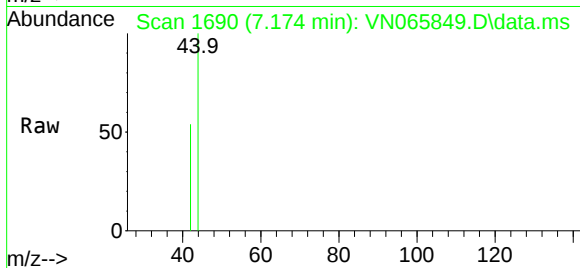
Tgt Ion: 42 Resp: 159

Ion Ratio Lower Upper

42 100

72 0.0 36.6 55.0#

71 0.0 34.3 51.5#



#31

Cyclohexane

Concen: 0.70 ug/l

RT: 7.618 min Scan# 1828

Delta R.T. 0.007 min

Lab File: VN065849.D

Acq: 12 Feb 2021 19:36

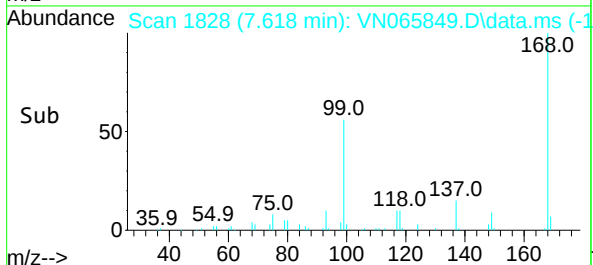
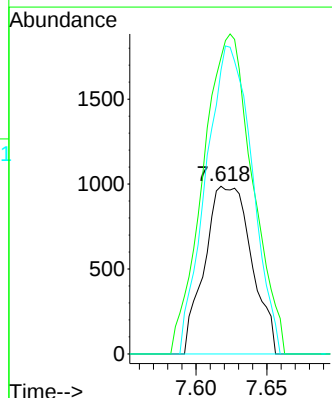
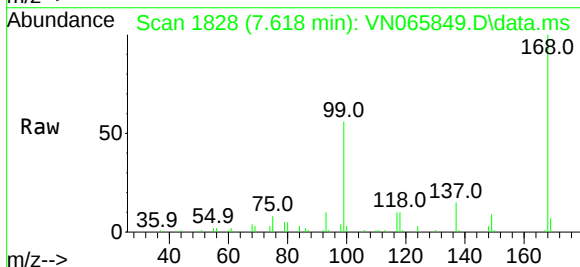
Tgt Ion: 56 Resp: 2267

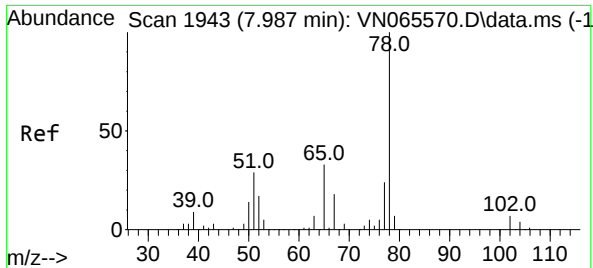
Ion Ratio Lower Upper

56 100

69 155.6 26.6 39.8#

84 169.3 70.4 105.6#

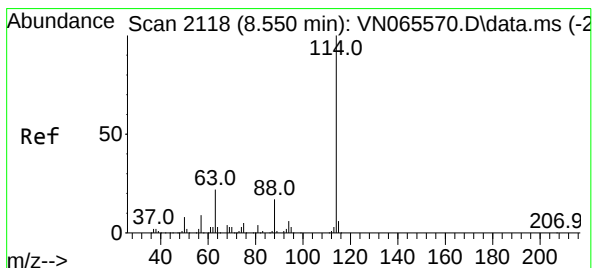
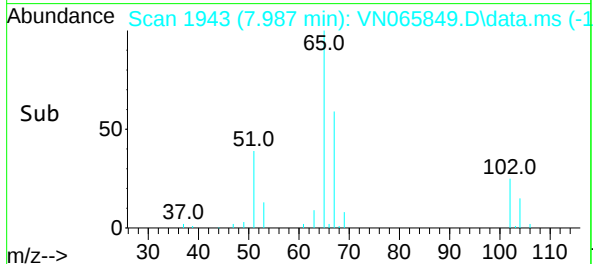
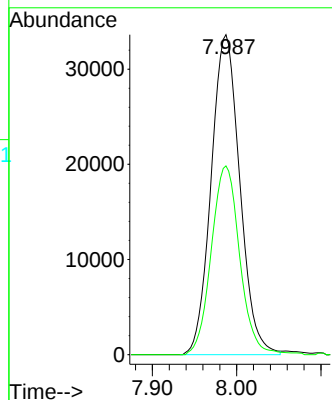
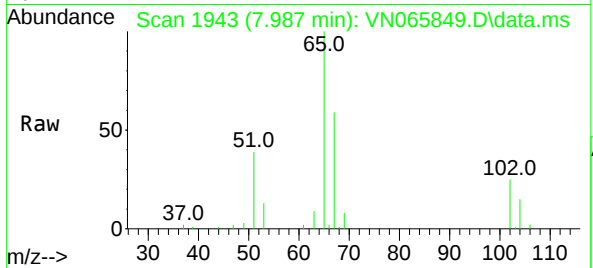




#33
1,2-Dichloroethane-d4
Concen: 46.07 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN065849.D
Acq: 12 Feb 2021 19:36

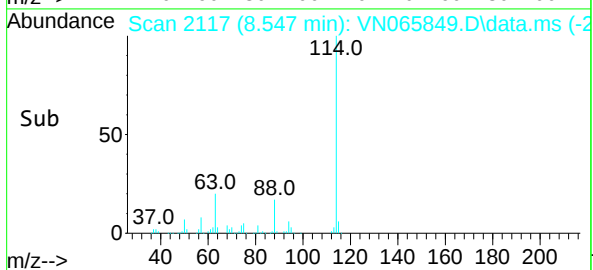
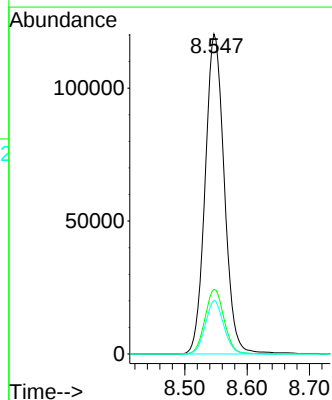
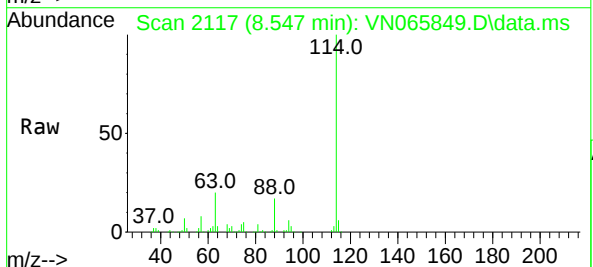
Instrument :
MSVOA_N
ClientSampled :

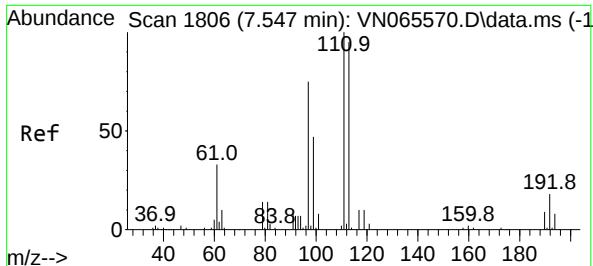
Tgt Ion: 65 Resp: 79445
Ion Ratio Lower Upper
65 100
67 58.6 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.547 min Scan# 2117
Delta R.T. -0.003 min
Lab File: VN065849.D
Acq: 12 Feb 2021 19:36

Tgt Ion: 114 Resp: 256514
Ion Ratio Lower Upper
114 100
63 20.2 0.0 38.6
88 16.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.29 ug/l

RT: 7.547 min Scan# 1806

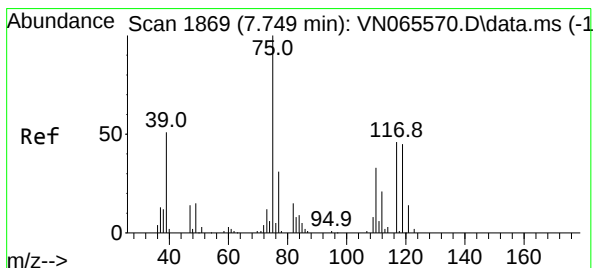
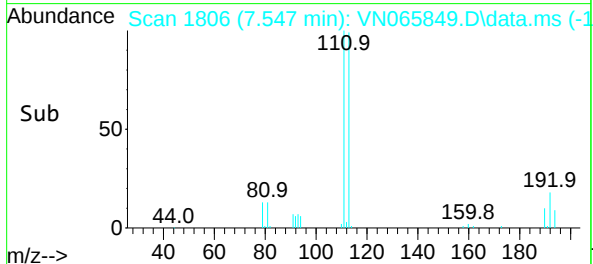
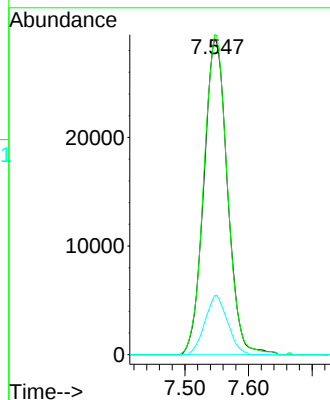
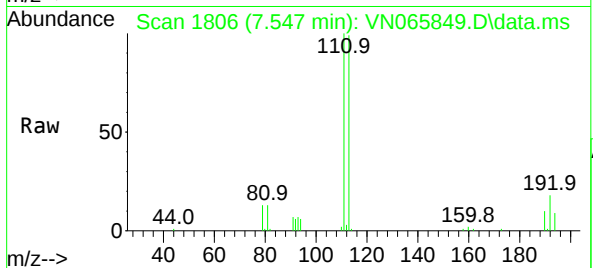
Delta R.T. -0.000 min

Lab File: VN065849.D

Acq: 12 Feb 2021 19:36

Tgt Ion:	113	Resp:	74926
Ion	Ratio	Lower	Upper
113	100		
111	100.6	82.2	123.2
192	17.9	15.4	23.0

Instrument :
MSVOA_N
ClientSampleId :



#36

1,1-Dichloropropene

Concen: 3.75 ug/l

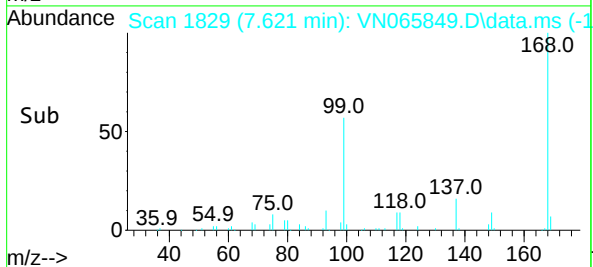
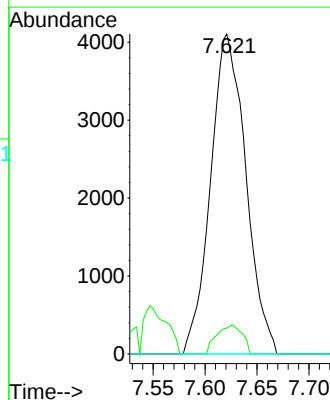
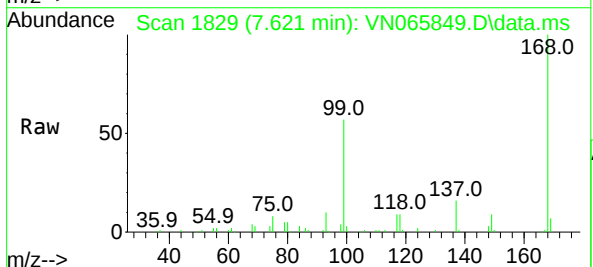
RT: 7.621 min Scan# 1829

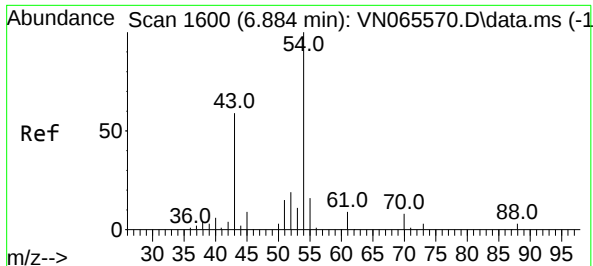
Delta R.T. -0.128 min

Lab File: VN065849.D

Acq: 12 Feb 2021 19:36

Tgt Ion:	75	Resp:	9685
Ion	Ratio	Lower	Upper
75	100		
110	6.6	18.2	54.6#
77	0.0	24.9	37.3#





#37

Ethyl Acetate

Concen: 1.75 ug/l

RT: 6.804 min Scan# 1575

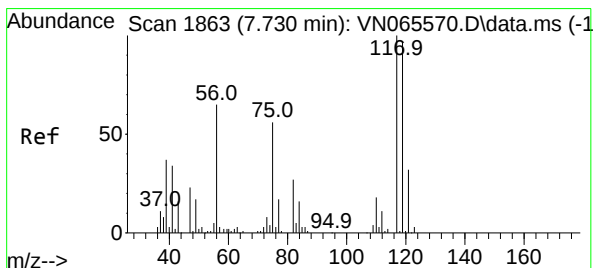
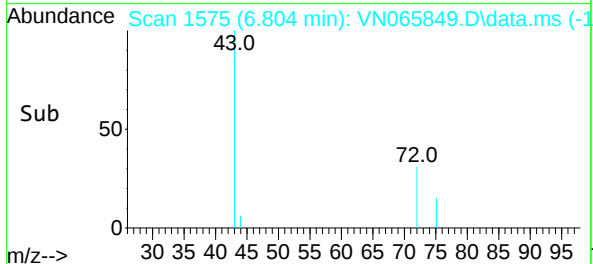
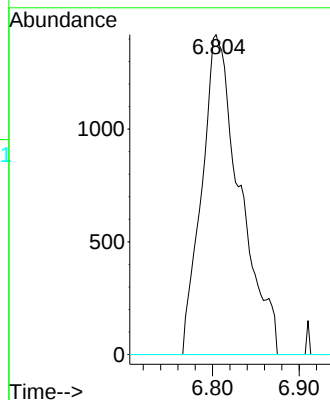
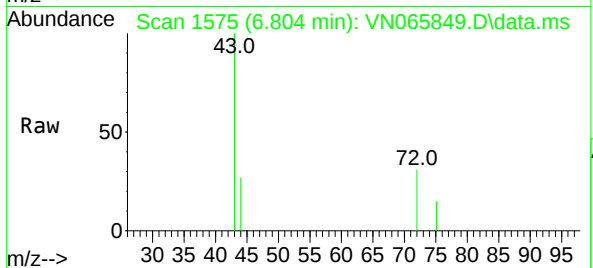
Delta R.T. -0.080 min

Lab File: VN065849.D

Acq: 12 Feb 2021 19:36

Tgt Ion:	43	Resp:	4343
Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.6	17.4#
70	0.0	8.6	13.0#

Instrument :
MSVOA_N
ClientSampleId :



#38

Carbon Tetrachloride

Concen: 5.72 ug/l

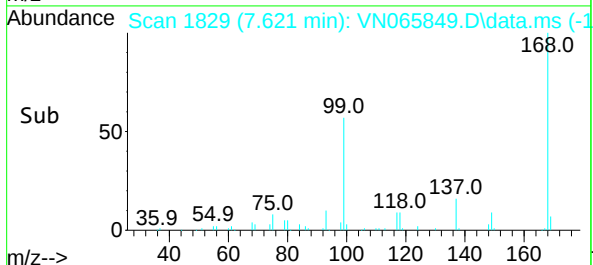
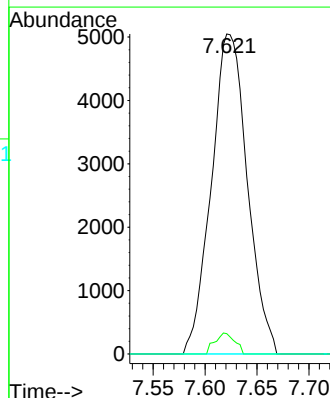
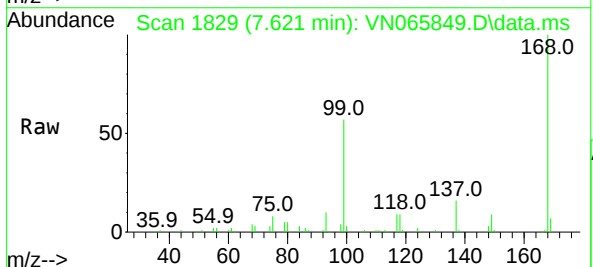
RT: 7.621 min Scan# 1829

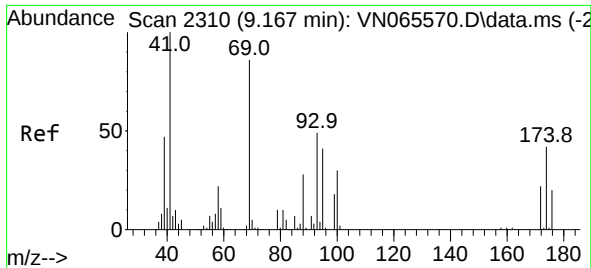
Delta R.T. -0.109 min

Lab File: VN065849.D

Acq: 12 Feb 2021 19:36

Tgt Ion:	117	Resp:	12155
Ion	Ratio	Lower	Upper
117	100		
119	6.3	76.0	114.0#
121	0.0	24.5	36.7#

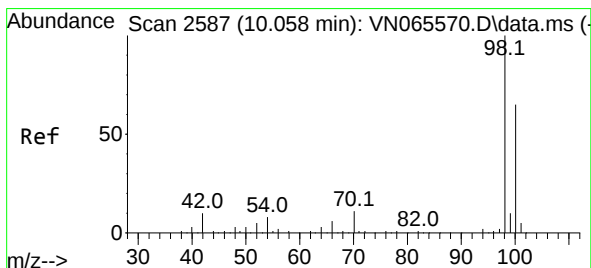
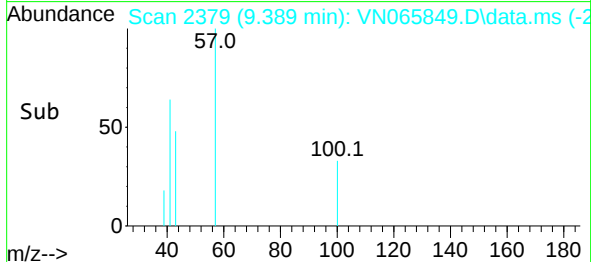
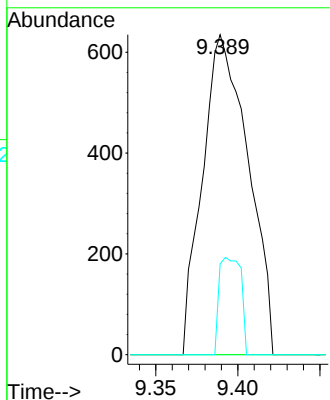
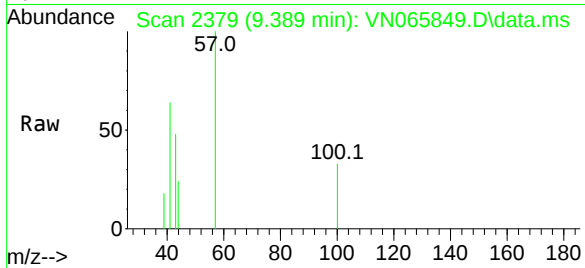




#48
Methyl methacrylate
Concen: 0.59 ug/l
RT: 9.389 min Scan# 2379
Delta R.T. 0.222 min
Lab File: VN065849.D
Acq: 12 Feb 2021 19:36

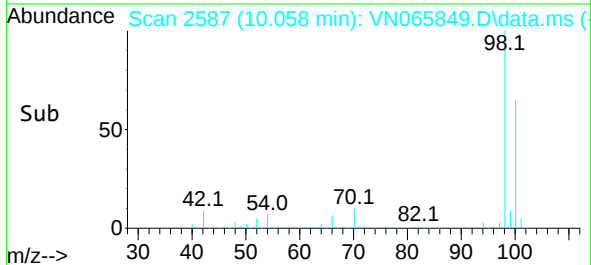
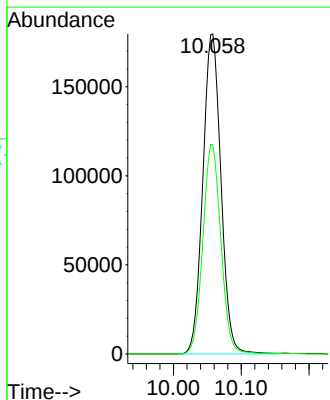
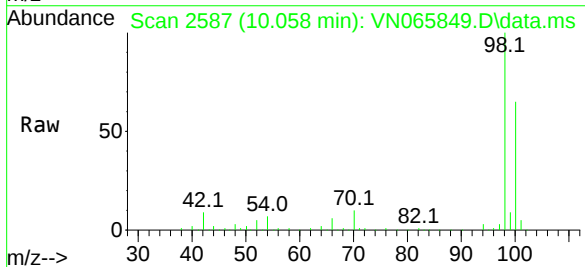
Instrument :
MSVOA_N
ClientSampled :

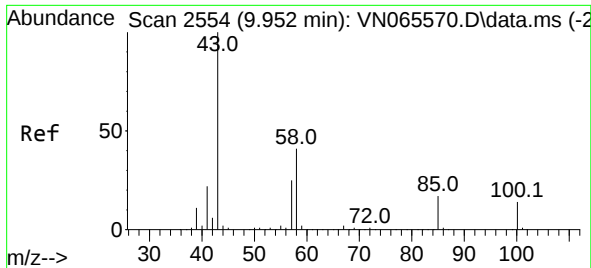
Tgt Ion: 41 Resp: 1229
Ion Ratio Lower Upper
41 100
69 0.0 75.9 113.9#
39 14.4 46.6 69.8#



#50
Toluene-d8
Concen: 55.91 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. -0.000 min
Lab File: VN065849.D
Acq: 12 Feb 2021 19:36

Tgt Ion: 98 Resp: 334068
Ion Ratio Lower Upper
98 100
100 64.9 50.5 75.7

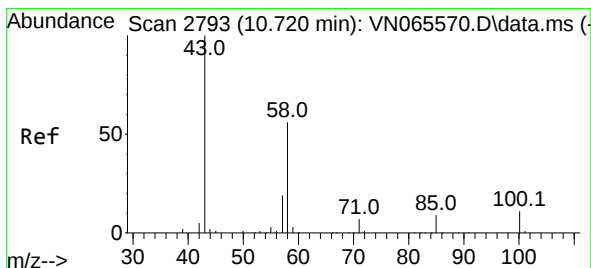
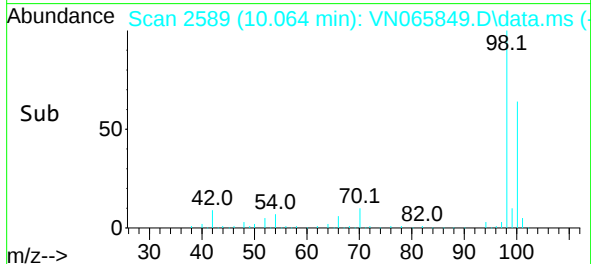
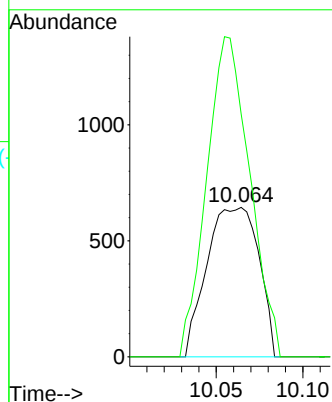
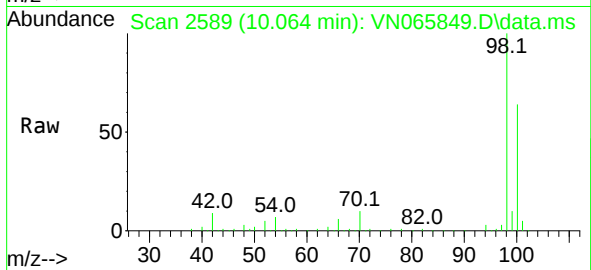




#51
4-Methyl-2-Pentanone
Concen: 0.55 ug/l
RT: 10.064 min Scan# 2589
Delta R.T. 0.112 min
Lab File: VN065849.D
Acq: 12 Feb 2021 19:36

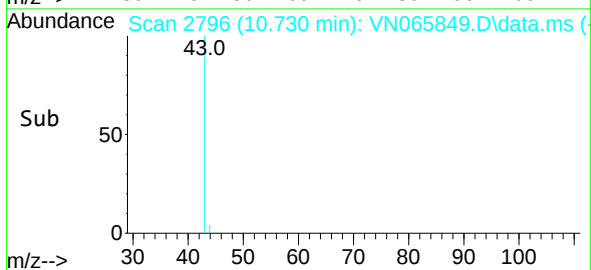
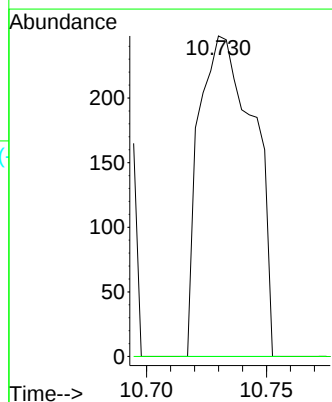
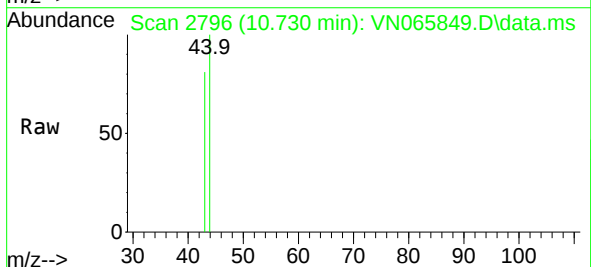
Instrument :
MSVOA_N
ClientSampled :

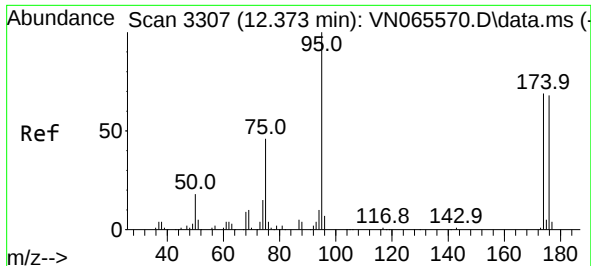
Tgt Ion: 43 Resp: 1341
Ion Ratio Lower Upper
43 100
58 177.6 32.5 48.7#



#59
2-Hexanone
Concen: 0.23 ug/l
RT: 10.730 min Scan# 2796
Delta R.T. 0.010 min
Lab File: VN065849.D
Acq: 12 Feb 2021 19:36

Tgt Ion: 43 Resp: 392
Ion Ratio Lower Upper
43 100
58 0.0 28.1 84.3#

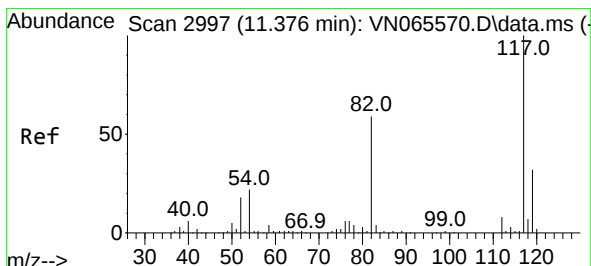
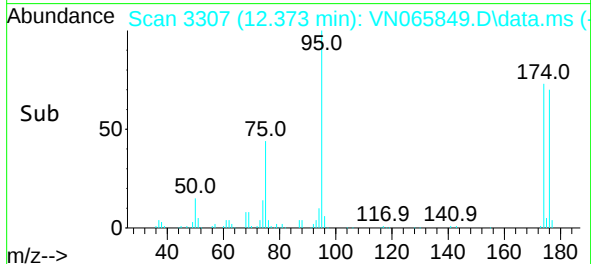
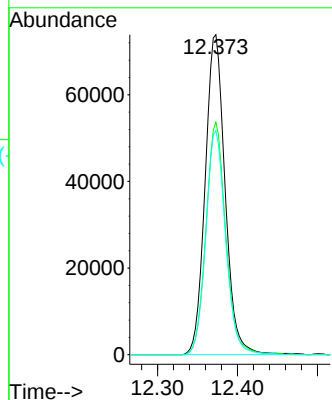
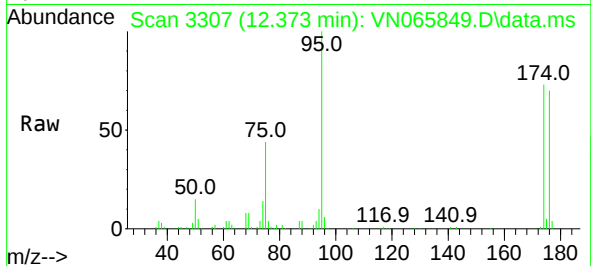




#62
4-Bromofluorobenzene
Concen: 59.50 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.000 min
Lab File: VN065849.D
Acq: 12 Feb 2021 19:36

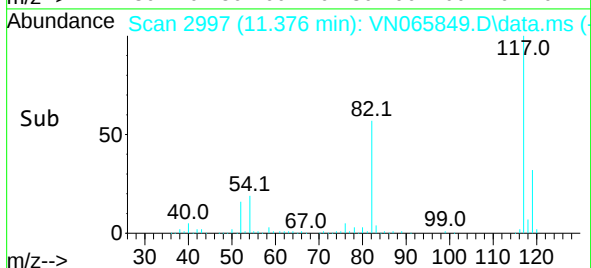
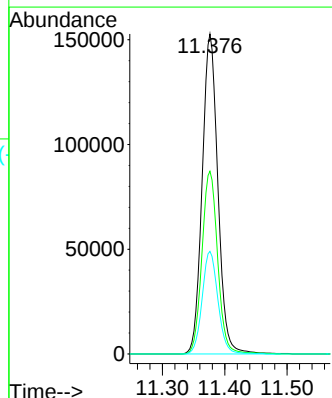
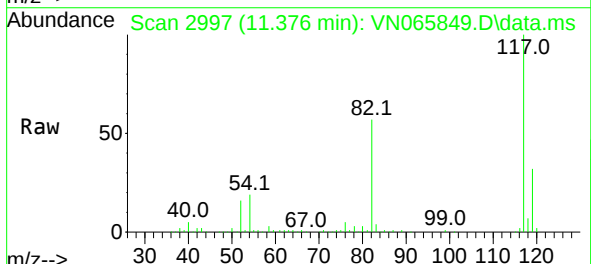
Instrument :
MSVOA_N
ClientSampleId :

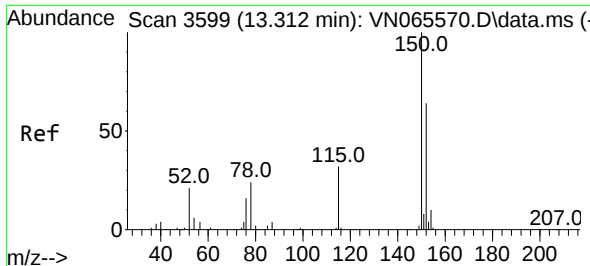
Tgt Ion: 95 Resp: 128015
Ion Ratio Lower Upper
95 100
174 72.3 0.0 169.0
176 69.5 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065849.D
Acq: 12 Feb 2021 19:36

Tgt Ion: 117 Resp: 267697
Ion Ratio Lower Upper
117 100
82 57.1 43.7 65.5
119 32.1 26.1 39.1

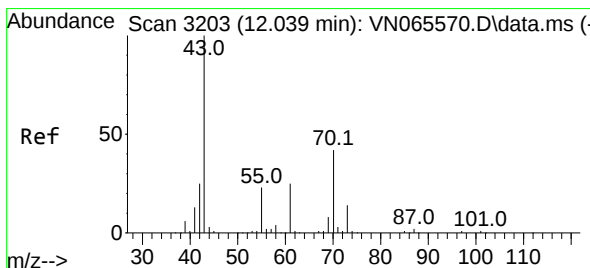
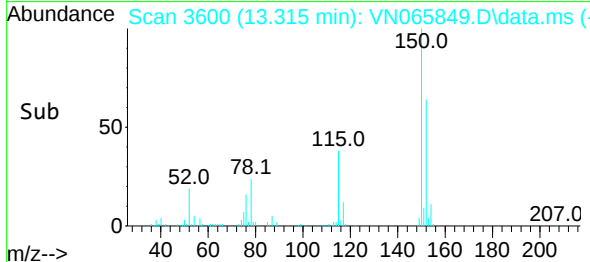
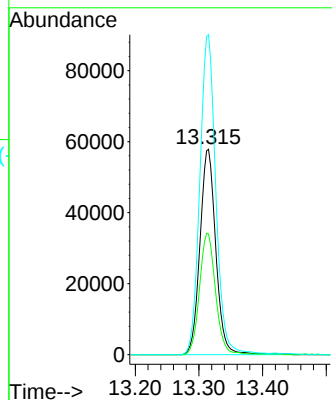
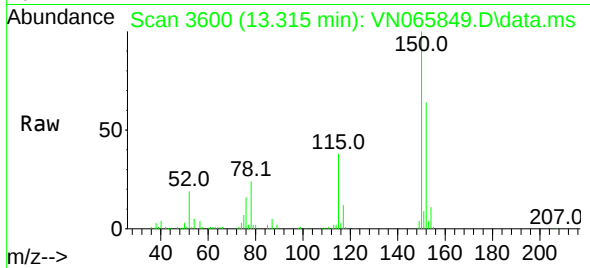




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN065849.D
Acq: 12 Feb 2021 19:36

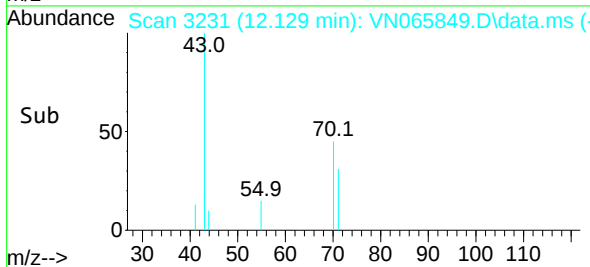
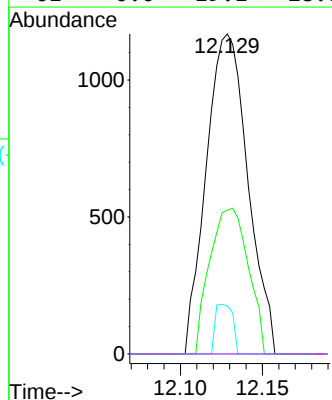
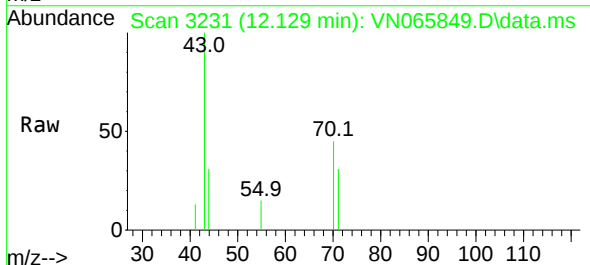
Instrument :
MSVOA_N
ClientSampleId :

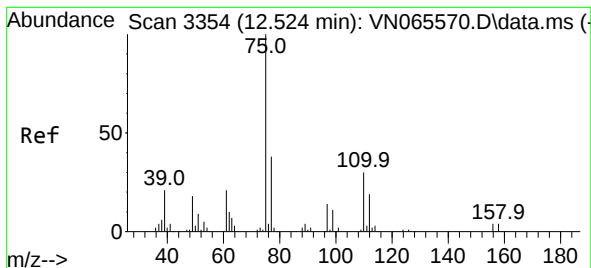
Tgt Ion:152 Resp: 100384
Ion Ratio Lower Upper
152 100
115 59.6 28.5 85.6
150 156.8 0.0 347.6



#74
N-ethyl acetate
Concen: 0.55 ug/l
RT: 12.129 min Scan# 3231
Delta R.T. 0.090 min
Lab File: VN065849.D
Acq: 12 Feb 2021 19:36

Tgt Ion: 43 Resp: 2058
Ion Ratio Lower Upper
43 100
70 42.0 34.4 51.6
55 6.4 20.7 31.1#
61 0.0 19.1 28.7#

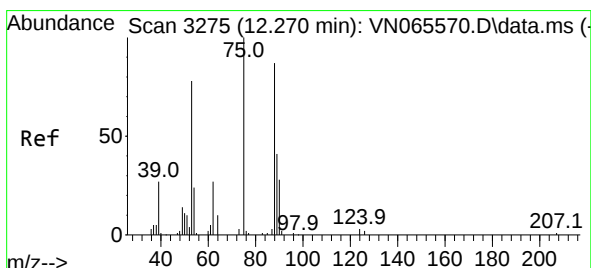
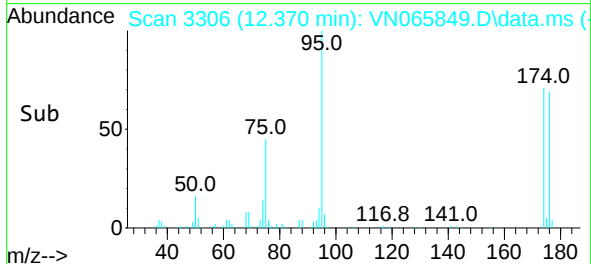
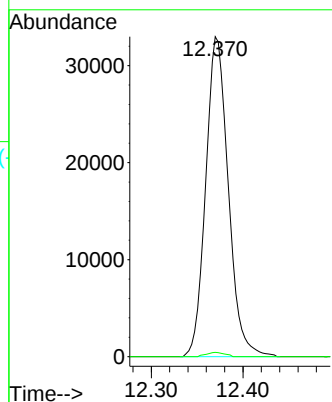
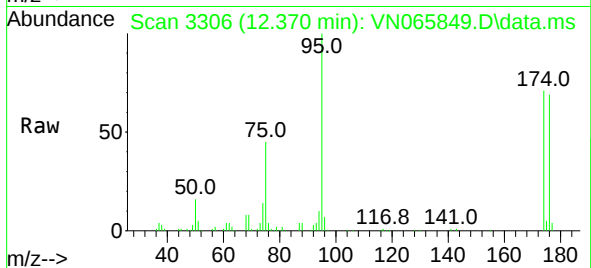




#76
1,2,3-Trichloropropane
Concen: 21.51 ug/l
RT: 12.370 min Scan# 3306
Delta R.T. -0.154 min
Lab File: VN065849.D
Acq: 12 Feb 2021 19:36

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion: 75 Resp: 56459
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 55.09 ug/l
RT: 12.370 min Scan# 3306
Delta R.T. 0.100 min
Lab File: VN065849.D
Acq: 12 Feb 2021 19:36

Tgt Ion: 75 Resp: 56459
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#

