

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012521\
 Data File : VN065590.D
 Acq On : 25 Jan 2021 20:37
 Operator : JC/MD
 Sample : M1188-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-230

Quant Time: Jan 26 01:50:52 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	7.627	168	205984	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	353240	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	313205	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	116087	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	130979	48.33	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.66%
35) Dibromofluoromethane	7.550	113	104398	49.87	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.74%
50) Toluene-d8	10.058	98	444141	53.98	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	107.96%
62) 4-Bromofluorobenzene	12.373	95	152390	51.43	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	102.86%

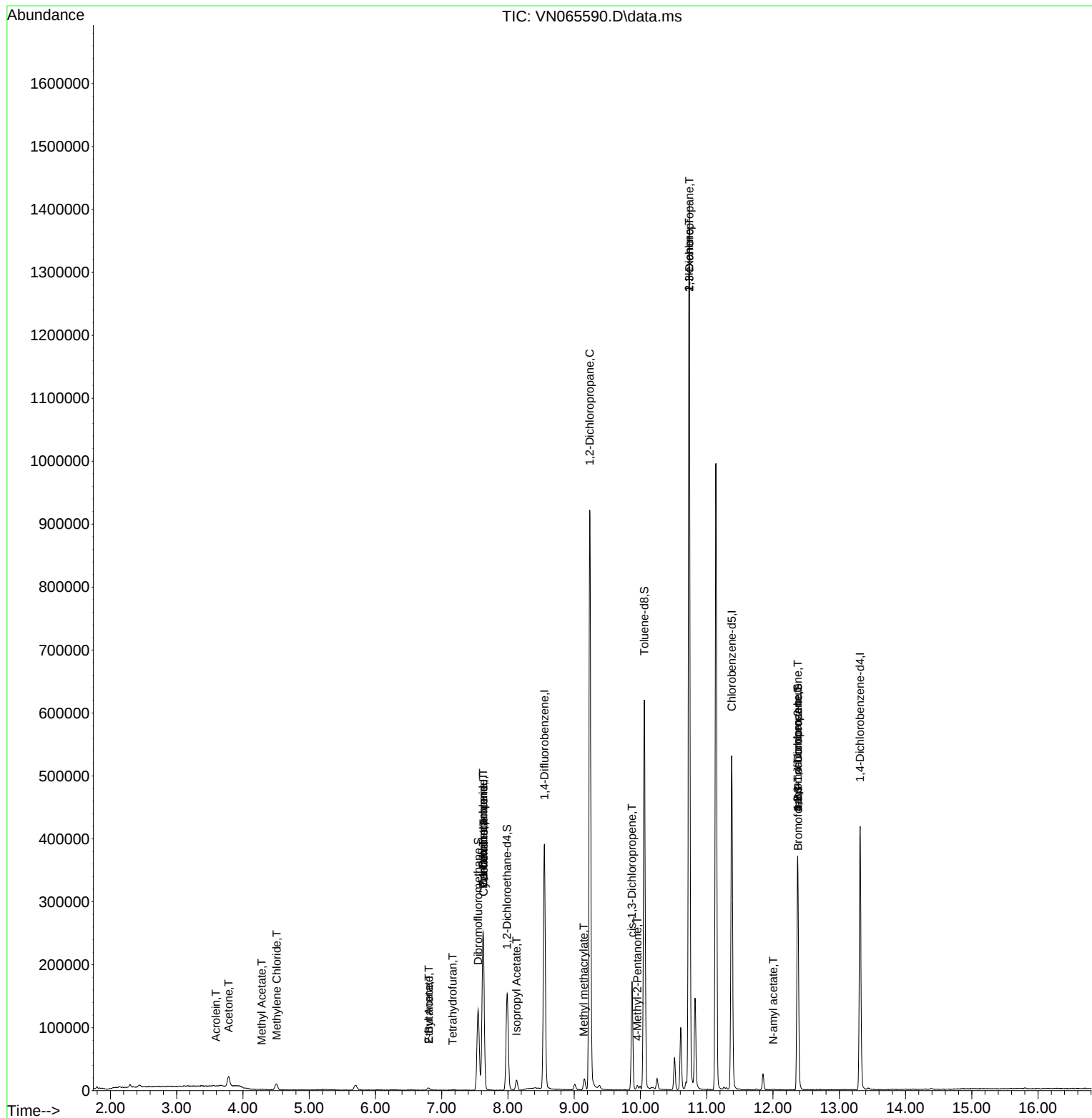
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.592	56	259	18.63	ug/l #	34
16) Acetone	3.782	43	25515	24.19	ug/l	97
18) Methyl Acetate	4.283	43	1726	0.58	ug/l #	51
20) Methylene Chloride	4.512	84	7288	2.49	ug/l	94
25) 2-Butanone	6.804	43	4336	2.62	ug/l	92
29) Tetrahydrofuran	7.167	42	392	0.33	ug/l #	50
31) Cyclohexane	7.630	56	4285	0.84	ug/l #	1
36) 1,1-Dichloropropene	7.624	75	17031	4.79	ug/l #	47
37) Ethyl Acetate	6.804	43	4336	1.27	ug/l #	68
38) Carbon Tetrachloride	7.624	117	19235	6.57	ug/l #	17
43) Isopropyl Acetate	8.129	43	20311	3.36	ug/l #	86
45) 1,2-Dichloropropane	9.235	63	1029	0.34	ug/l #	44
48) Methyl methacrylate	9.145	41	4944	1.72	ug/l #	10
51) 4-Methyl-2-Pentanone	9.952	43	5168	1.55	ug/l	92
54) cis-1,3-Dichloropropene	9.871	75	33463	7.29	ug/l #	55
57) 1,3-Dichloropropane	10.736	76	14932	3.46	ug/l #	43
59) 2-Hexanone	10.733	43	208015	89.88	ug/l #	50
71) Bromoform	12.379	173	527	0.33	ug/l #	1
74) N-amyl acetate	12.003	43	989	0.23	ug/l #	50
76) 1,2,3-Trichloropropane	12.373	75	71951	23.70	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	71951	60.71	ug/l #	12

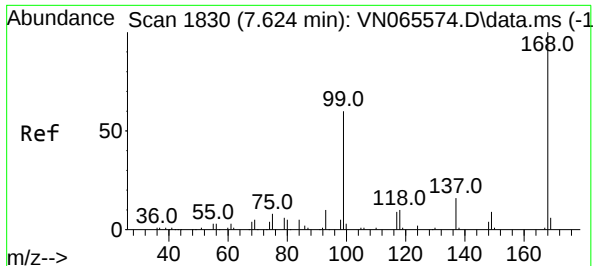
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Jan 25 13:47:28 2021
Response via : Initial Calibration

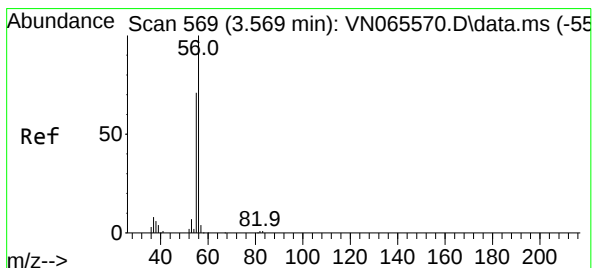
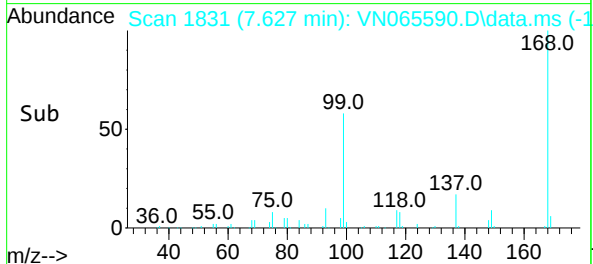
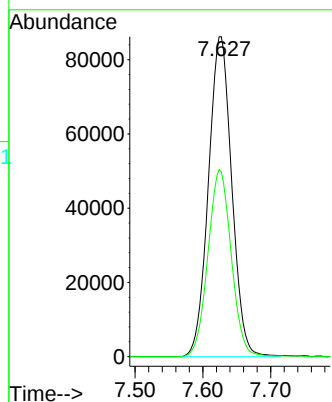
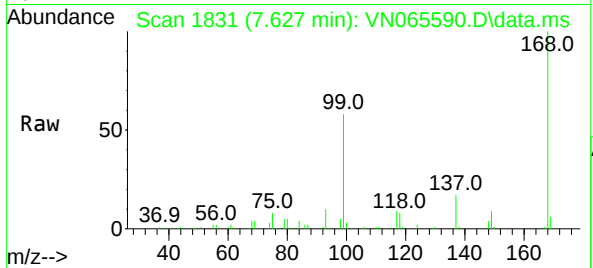




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.003 min
Lab File: VN065590.D
Acq: 25 Jan 2021 20:37

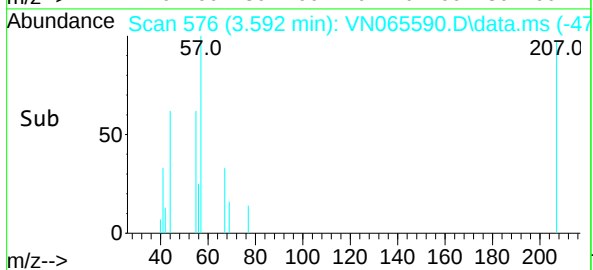
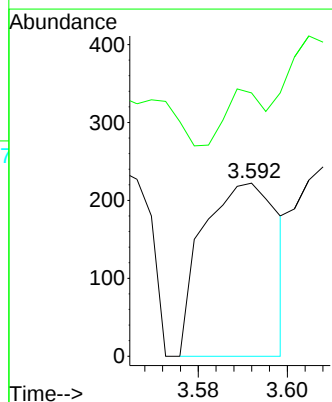
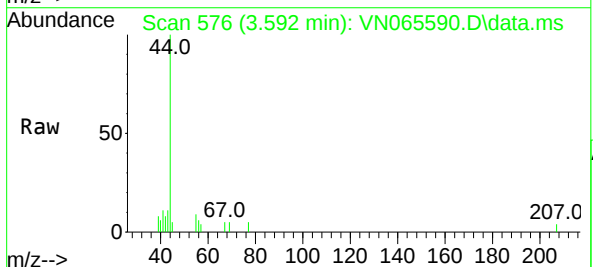
Instrument :
MSVOA_N
ClientSampled :
TP-230

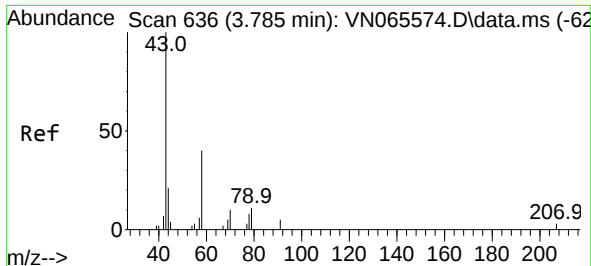
Tgt Ion:168 Resp: 205984
Ion Ratio Lower Upper
168 100
99 57.8 42.6 63.8



#13
Acrolein
Concen: 18.63 ug/l
RT: 3.592 min Scan# 576
Delta R.T. 0.023 min
Lab File: VN065590.D
Acq: 25 Jan 2021 20:37

Tgt Ion: 56 Resp: 259
Ion Ratio Lower Upper
56 100
55 16.2 56.0 84.0#

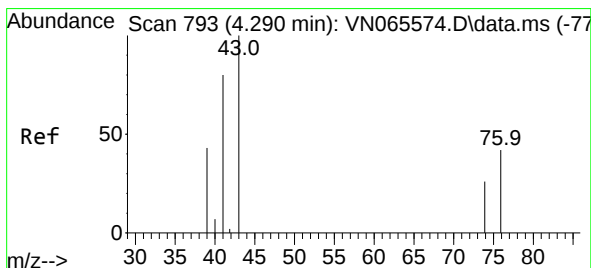
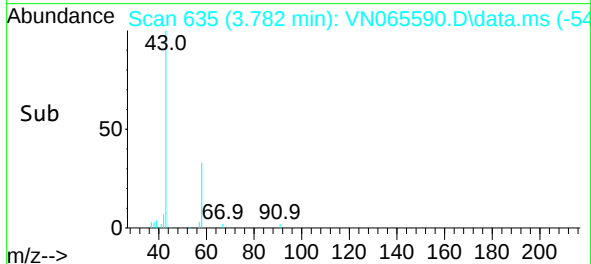
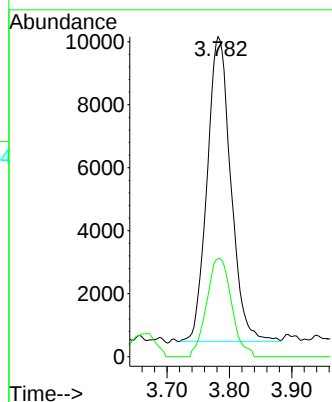
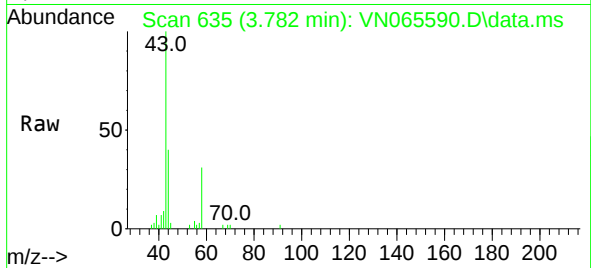




#16
Acetone
Concen: 24.19 ug/l
RT: 3.782 min Scan# 635
Delta R.T. -0.000 min
Lab File: VN065590.D
Acq: 25 Jan 2021 20:37

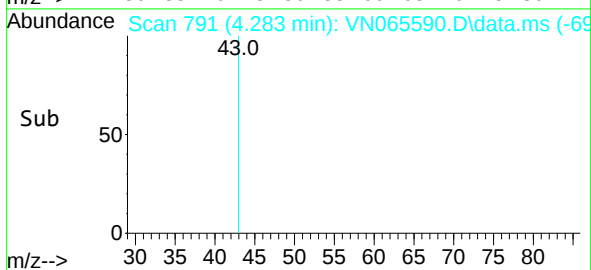
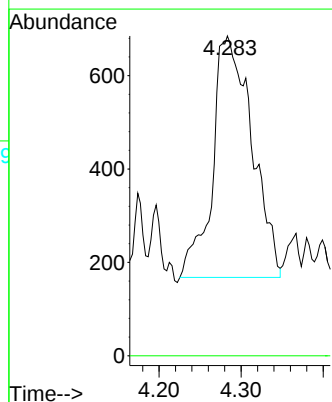
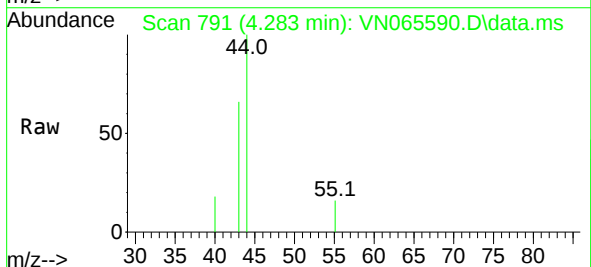
Instrument :
MSVOA_N
ClientSampled :
TP-230

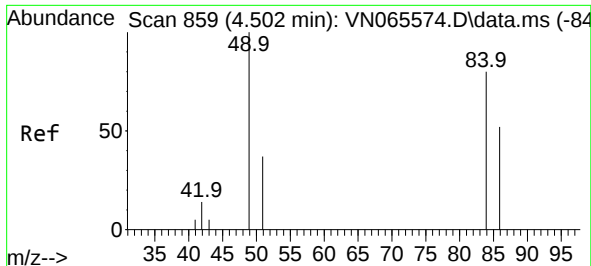
Tgt Ion: 43 Resp: 25515
Ion Ratio Lower Upper
43 100
58 32.2 27.0 40.6



#18
Methyl Acetate
Concen: 0.58 ug/l
RT: 4.283 min Scan# 791
Delta R.T. 0.000 min
Lab File: VN065590.D
Acq: 25 Jan 2021 20:37

Tgt Ion: 43 Resp: 1726
Ion Ratio Lower Upper
43 100
74 0.0 19.5 29.3#



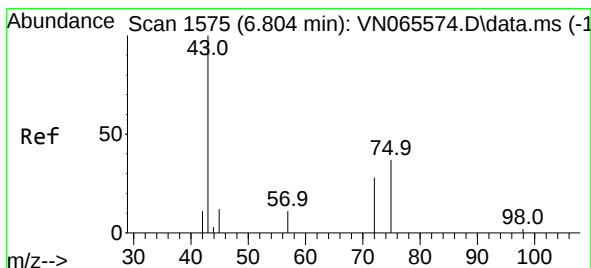
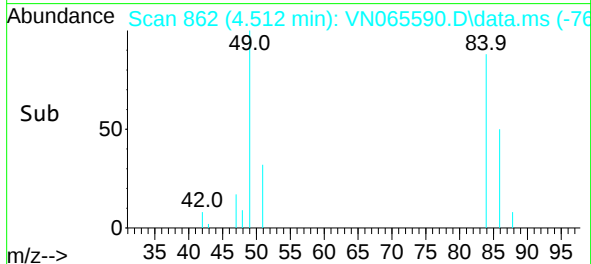
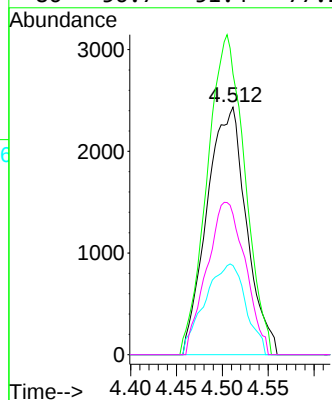
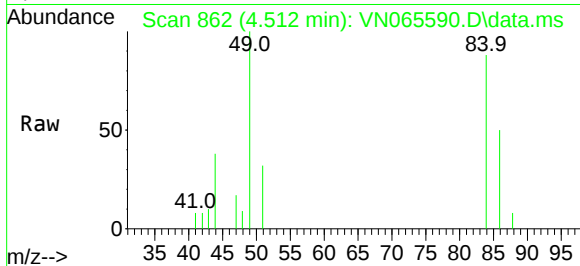


#20
Methylene Chloride
Concen: 2.49 ug/l
RT: 4.512 min Scan# 862
Delta R.T. 0.010 min
Lab File: VN065590.D
Acq: 25 Jan 2021 20:37

Instrument :
MSVOA_N
ClientSampleId :
TP-230

Tgt Ion: 84 Resp: 7288

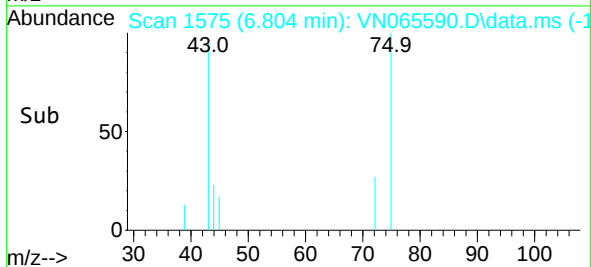
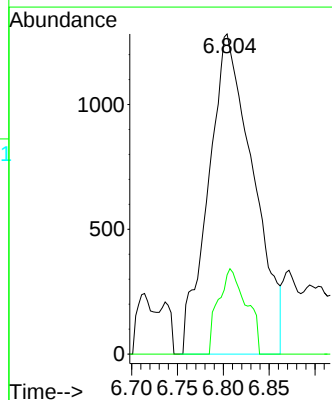
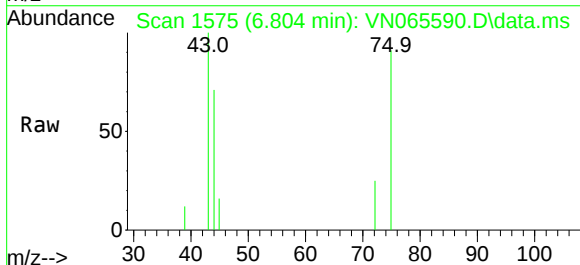
Ion	Ratio	Lower	Upper
84	100		
49	113.4	94.6	141.8
51	36.0	29.9	44.9
86	56.7	51.4	77.2

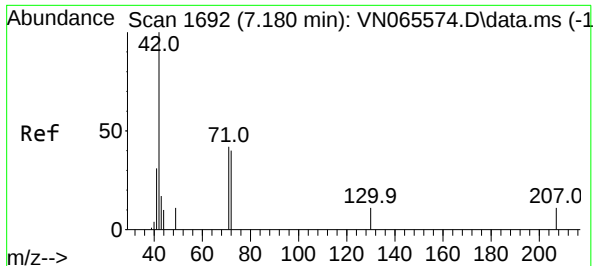


#25
2-Butanone
Concen: 2.62 ug/l
RT: 6.804 min Scan# 1575
Delta R.T. 0.013 min
Lab File: VN065590.D
Acq: 25 Jan 2021 20:37

Tgt Ion: 43 Resp: 4336

Ion	Ratio	Lower	Upper
43	100		
72	24.7	23.1	34.7





#29

Tetrahydrofuran

Concen: 0.33 ug/l

RT: 7.167 min Scan# 1688

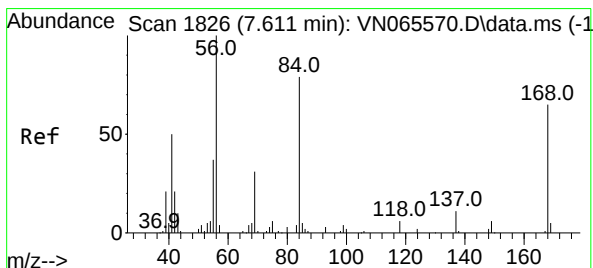
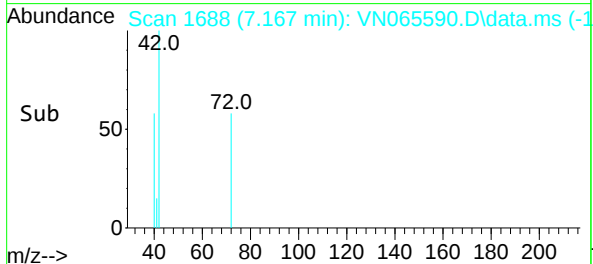
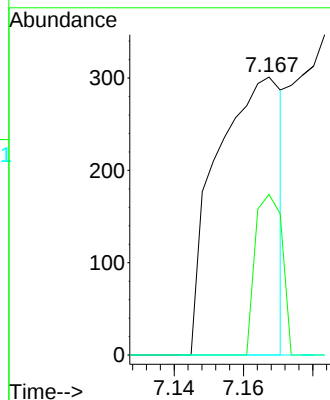
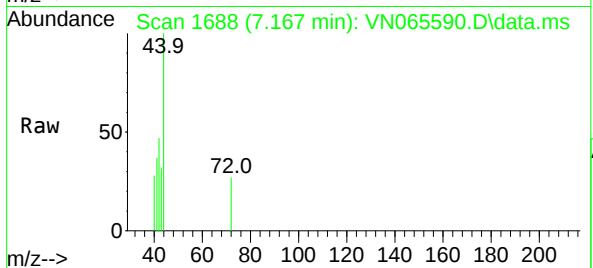
Delta R.T. -0.004 min

Lab File: VN065590.D

Acq: 25 Jan 2021 20:37

Tgt Ion:	42	Resp:	392
Ion	Ratio	Lower	Upper
42	100		
72	24.0	36.6	55.0#
71	0.0	34.3	51.5#

Instrument :
MSVOA_N
ClientSampled :
TP-230



#31

Cyclohexane

Concen: 0.84 ug/l

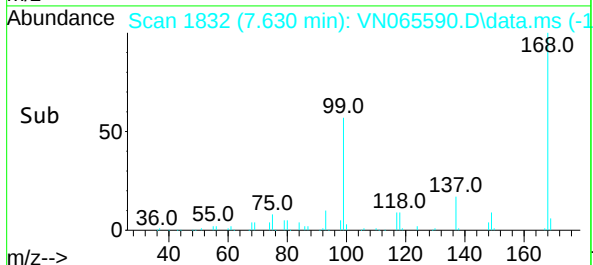
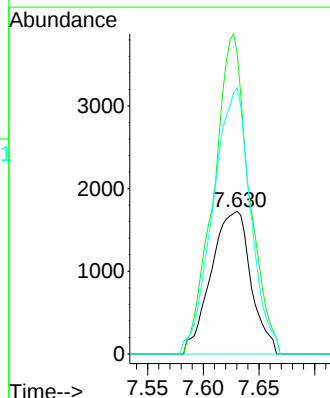
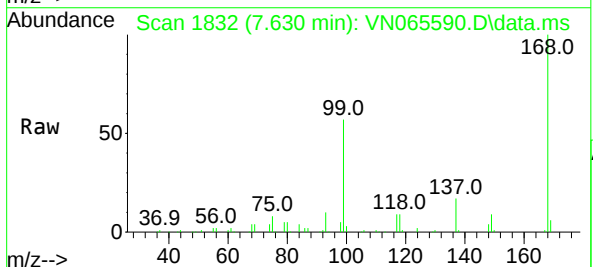
RT: 7.630 min Scan# 1832

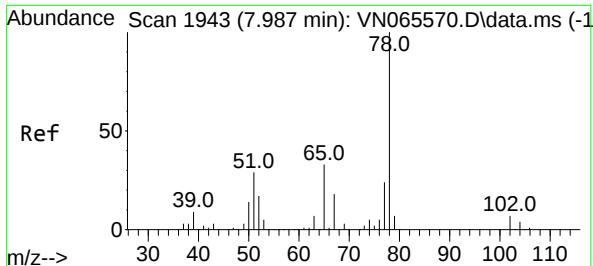
Delta R.T. 0.019 min

Lab File: VN065590.D

Acq: 25 Jan 2021 20:37

Tgt Ion:	56	Resp:	4285
Ion	Ratio	Lower	Upper
56	100		
69	210.8	26.6	39.8#
84	186.8	70.4	105.6#





#33

1,2-Dichloroethane-d4

Concen: 48.33 ug/l

RT: 7.987 min Scan# 1943

Delta R.T. 0.000 min

Lab File: VN065590.D

Acq: 25 Jan 2021 20:37

Tgt Ion: 65 Resp: 130979

Ion Ratio Lower Upper

65 100

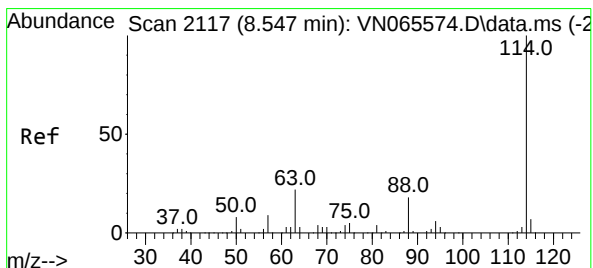
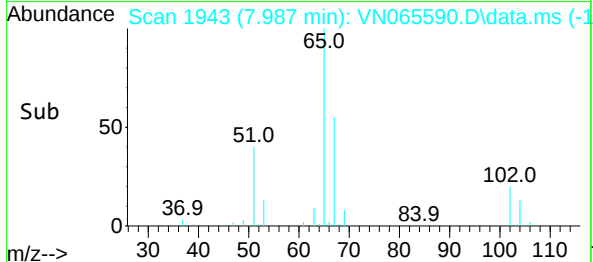
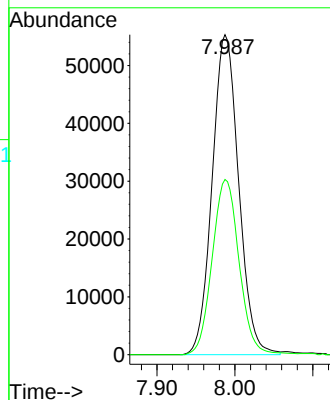
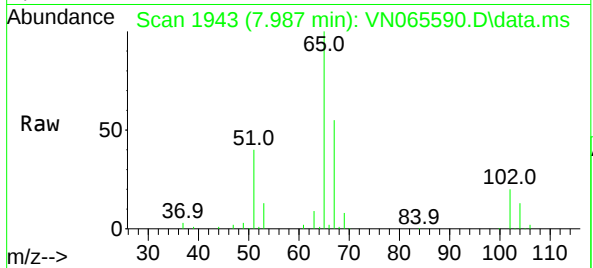
67 55.5 0.0 107.2

Instrument :

MSVOA_N

ClientSampled :

TP-230



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.550 min Scan# 2118

Delta R.T. -0.000 min

Lab File: VN065590.D

Acq: 25 Jan 2021 20:37

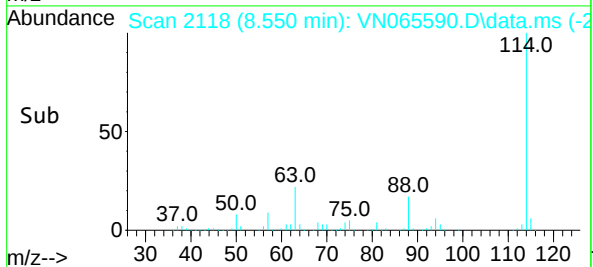
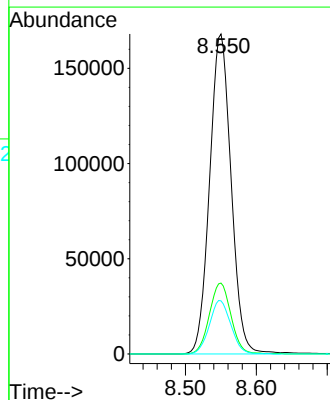
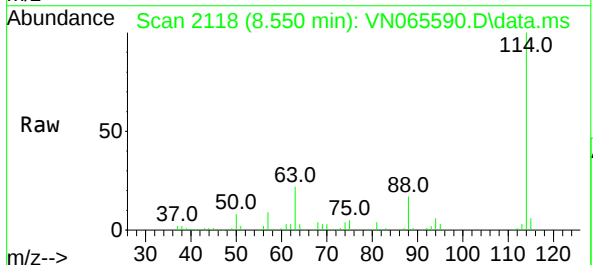
Tgt Ion: 114 Resp: 353240

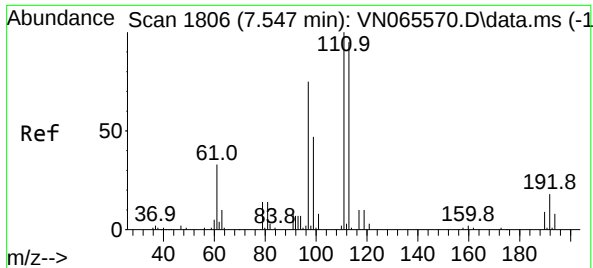
Ion Ratio Lower Upper

114 100

63 22.2 0.0 38.6

88 16.6 0.0 30.6

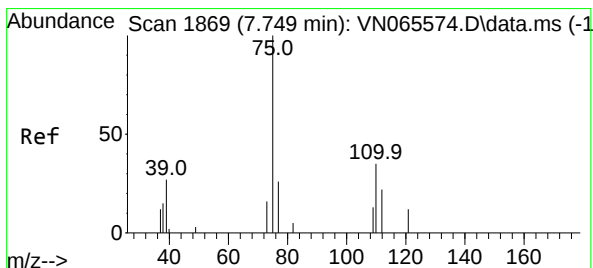
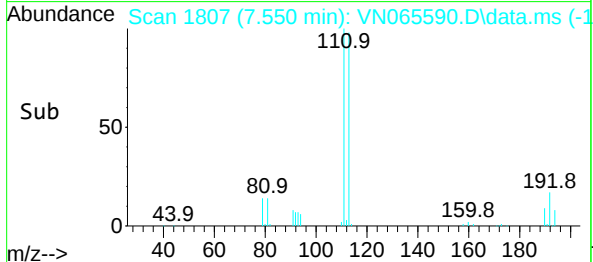
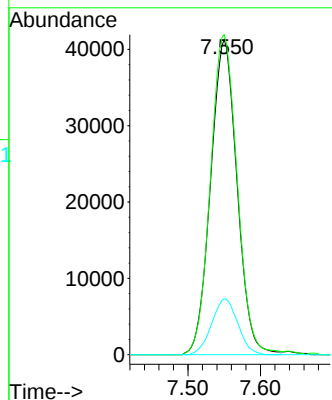
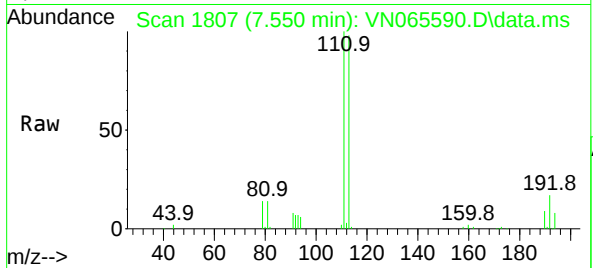




#35
Dibromofluoromethane
Concen: 49.87 ug/l
RT: 7.550 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VN065590.D
Acq: 25 Jan 2021 20:37

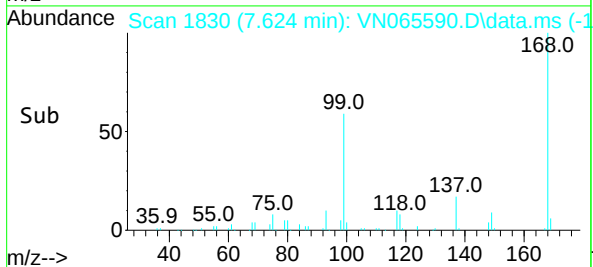
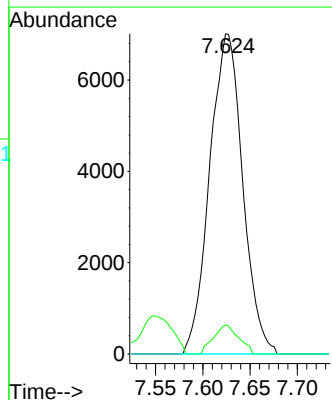
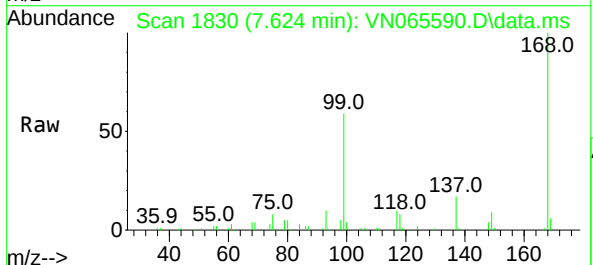
Instrument :
MSVOA_N
ClientSampled :
TP-230

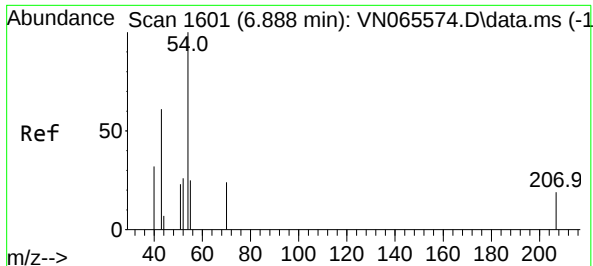
Tgt Ion:113 Resp: 104398
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.2
192 17.6 15.4 23.0



#36
1,1-Dichloropropene
Concen: 4.79 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.125 min
Lab File: VN065590.D
Acq: 25 Jan 2021 20:37

Tgt Ion: 75 Resp: 17031
Ion Ratio Lower Upper
75 100
110 6.9 18.2 54.6#
77 0.0 24.9 37.3#





#37

Ethyl Acetate

Concen: 1.27 ug/l

RT: 6.804 min Scan# 1575

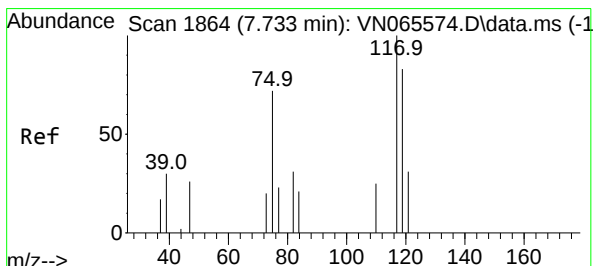
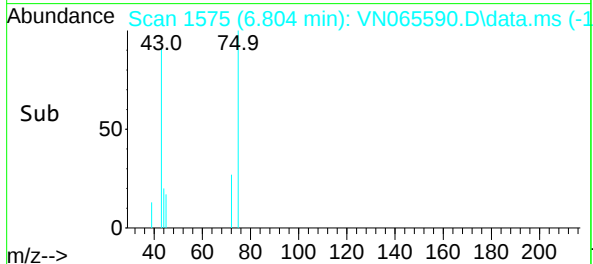
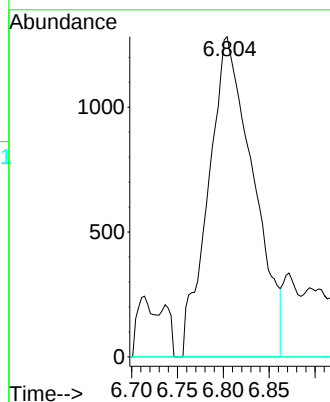
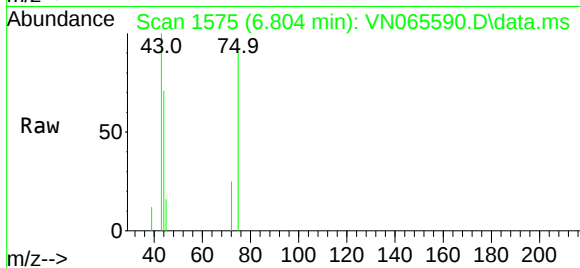
Delta R.T. -0.080 min

Lab File: VN065590.D

Acq: 25 Jan 2021 20:37

Instrument :
MSVOA_N
ClientSampled :
TP-230

Tgt Ion:	43	Resp:	4336
Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.6	17.4#
70	0.0	8.6	13.0#



#38

Carbon Tetrachloride

Concen: 6.57 ug/l

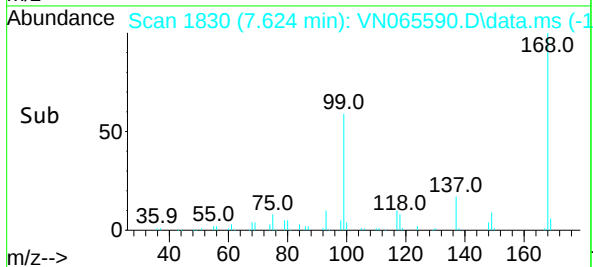
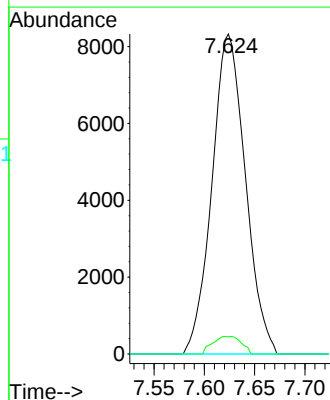
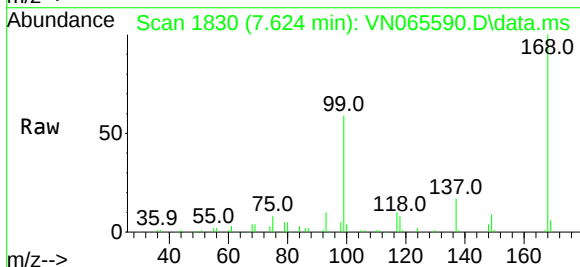
RT: 7.624 min Scan# 1830

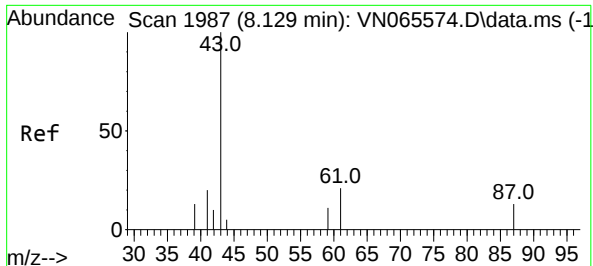
Delta R.T. -0.106 min

Lab File: VN065590.D

Acq: 25 Jan 2021 20:37

Tgt Ion:	117	Resp:	19235
Ion	Ratio	Lower	Upper
117	100		
119	5.4	76.0	114.0#
121	0.0	24.5	36.7#



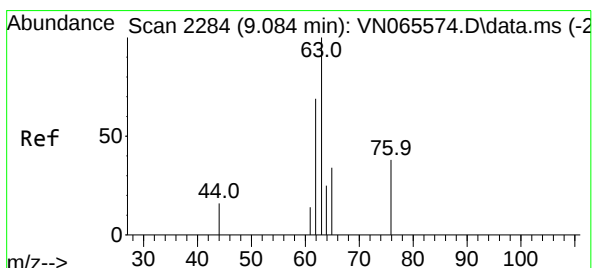
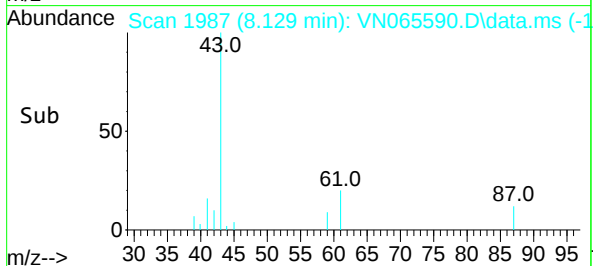
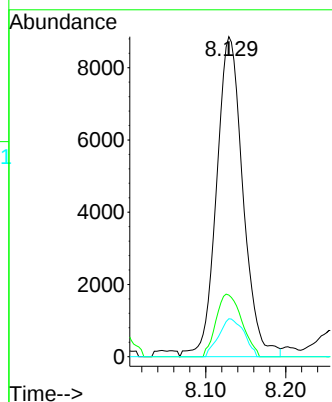
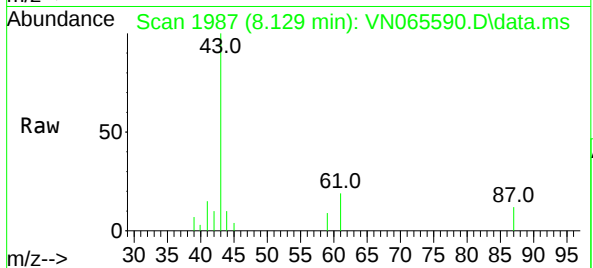


#43

Isopropyl Acetate
 Concen: 3.36 ug/l
 RT: 8.129 min Scan# 1987
 Delta R.T. -0.000 min
 Lab File: VN065590.D
 Acq: 25 Jan 2021 20:37

Instrument :
 MSVOA_N
 ClientSampled :
 TP-230

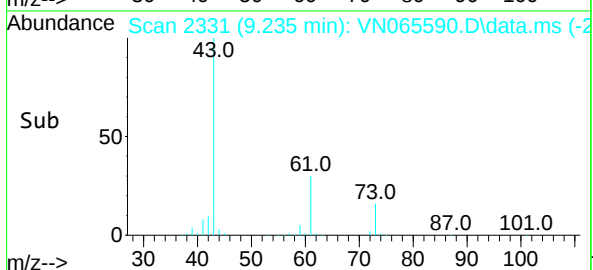
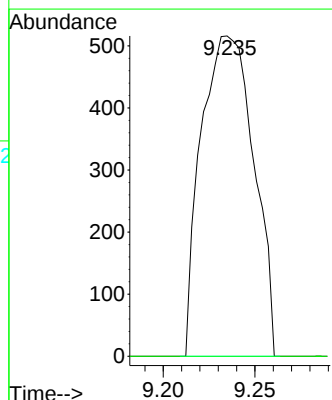
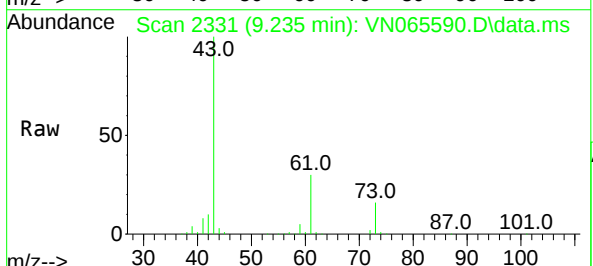
Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.0	22.5	33.7#
87	11.3	11.1	16.7

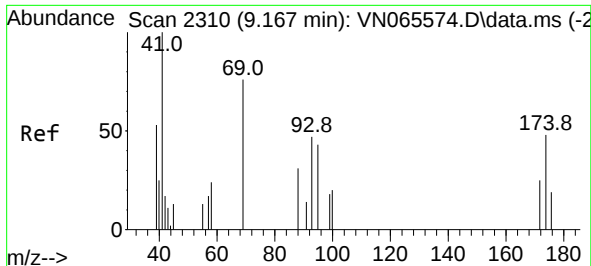


#45

1,2-Dichloropropane
 Concen: 0.34 ug/l
 RT: 9.235 min Scan# 2331
 Delta R.T. 0.151 min
 Lab File: VN065590.D
 Acq: 25 Jan 2021 20:37

Tgt Ion	Ratio	Lower	Upper
63	100		
65	0.0	24.9	37.3#

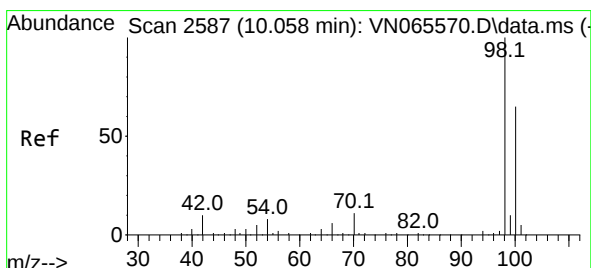
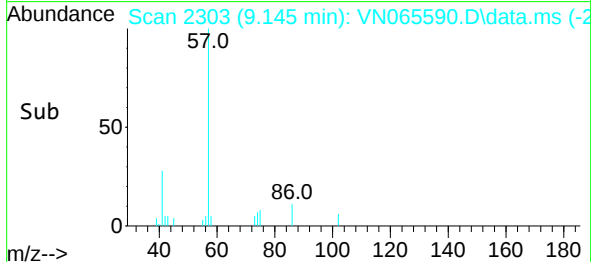
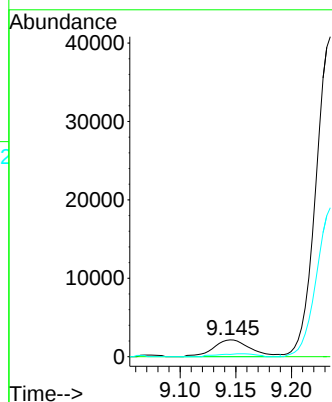
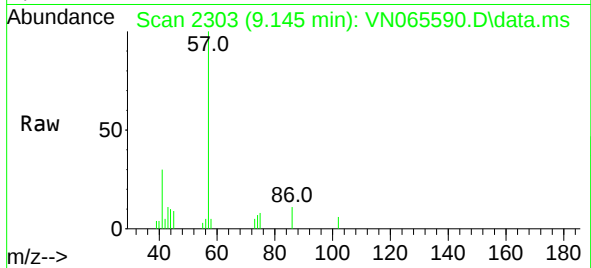




#48
Methyl methacrylate
Concen: 1.72 ug/l
RT: 9.145 min Scan# 2303
Delta R.T. -0.022 min
Lab File: VN065590.D
Acq: 25 Jan 2021 20:37

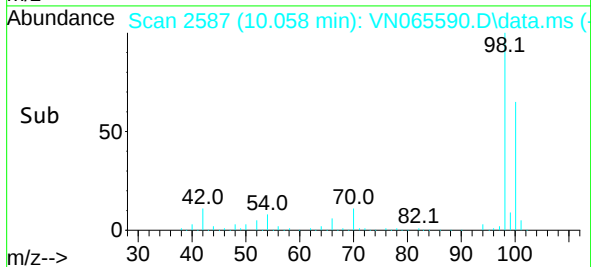
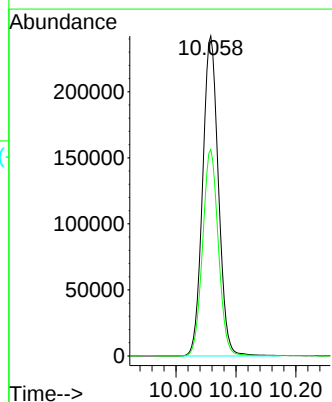
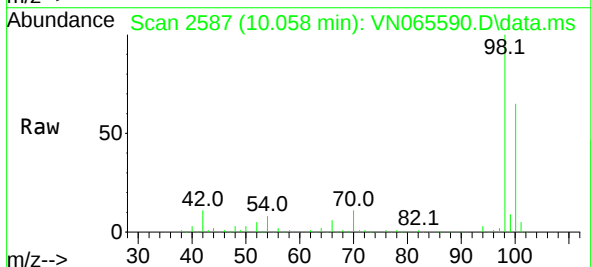
Instrument :
MSVOA_N
ClientSampled :
TP-230

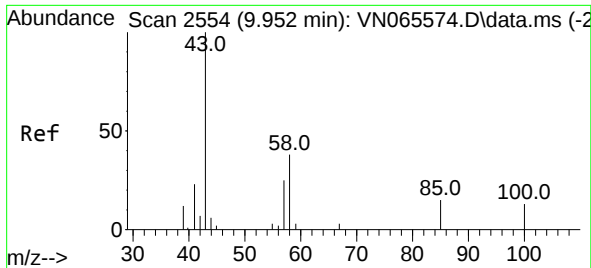
Tgt Ion: 41 Resp: 4944
Ion Ratio Lower Upper
41 100
69 0.0 75.9 113.9#
39 0.0 46.6 69.8#



#50
Toluene-d8
Concen: 53.98 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. -0.000 min
Lab File: VN065590.D
Acq: 25 Jan 2021 20:37

Tgt Ion: 98 Resp: 444141
Ion Ratio Lower Upper
98 100
100 64.3 50.5 75.7

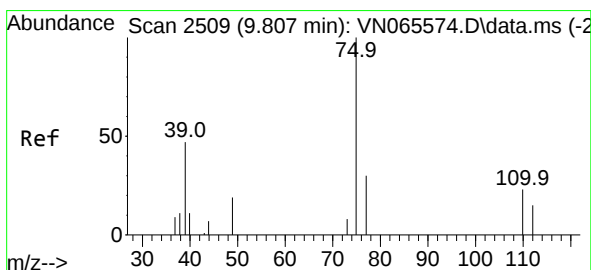
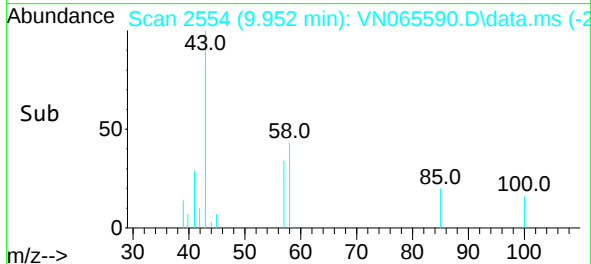
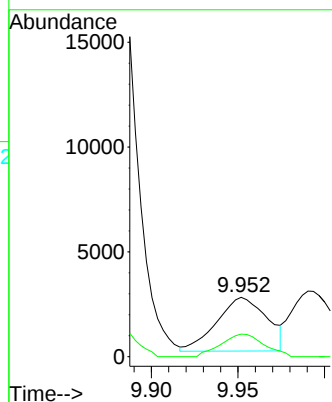
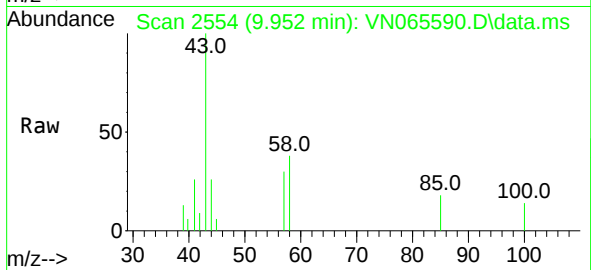




#51
4-Methyl-2-Pentanone
Concen: 1.55 ug/l
RT: 9.952 min Scan# 2554
Delta R.T. -0.000 min
Lab File: VN065590.D
Acq: 25 Jan 2021 20:37

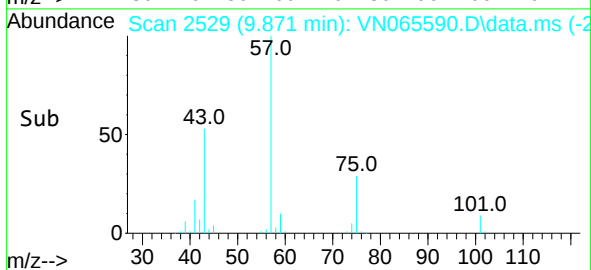
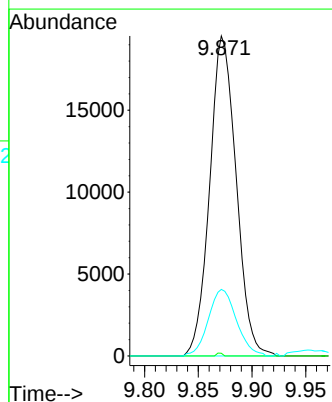
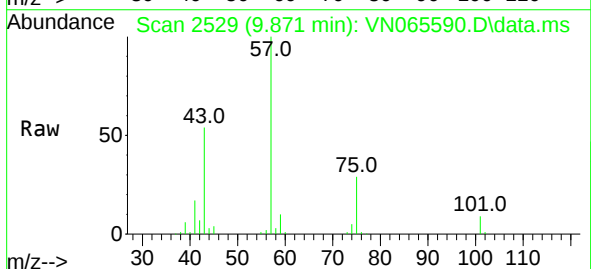
Instrument :
MSVOA_N
ClientSampleId :
TP-230

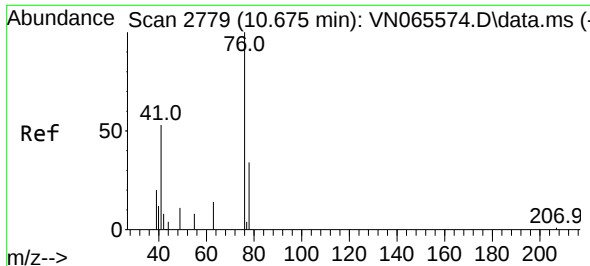
Tgt Ion: 43 Resp: 5168
Ion Ratio Lower Upper
43 100
58 35.9 32.5 48.7



#54
cis-1,3-Dichloropropene
Concen: 7.29 ug/l
RT: 9.871 min Scan# 2529
Delta R.T. 0.064 min
Lab File: VN065590.D
Acq: 25 Jan 2021 20:37

Tgt Ion: 75 Resp: 33463
Ion Ratio Lower Upper
75 100
77 0.9 24.9 37.3#
39 20.8 36.2 54.4#

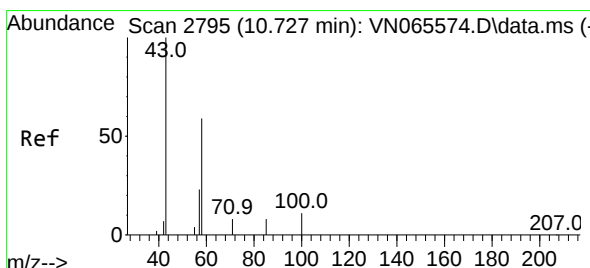
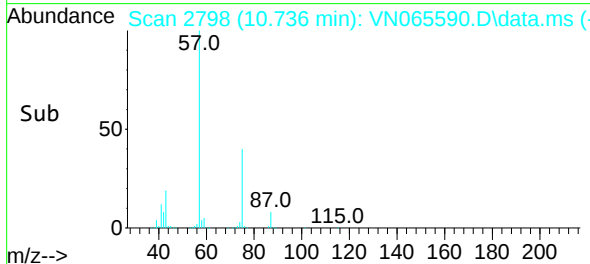
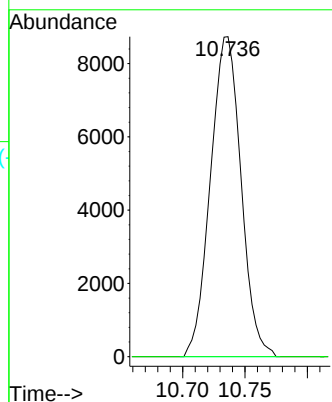
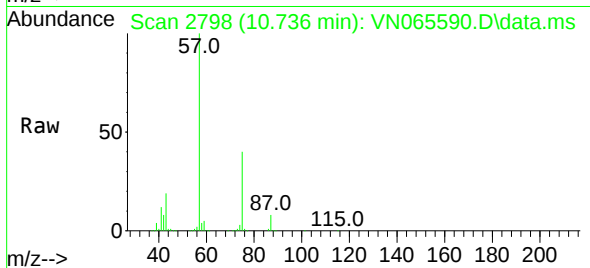




#57
1,3-Dichloropropane
Concen: 3.46 ug/l
RT: 10.736 min Scan# 2798
Delta R.T. 0.061 min
Lab File: VN065590.D
Acq: 25 Jan 2021 20:37

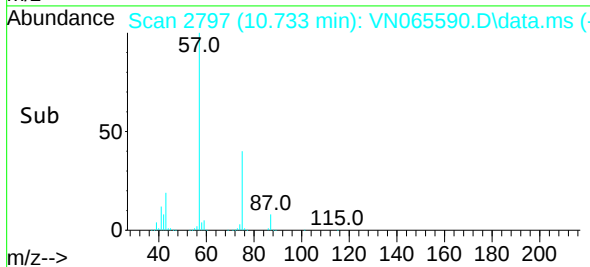
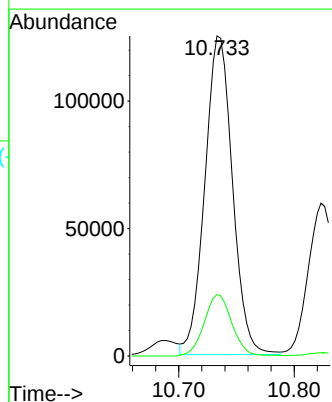
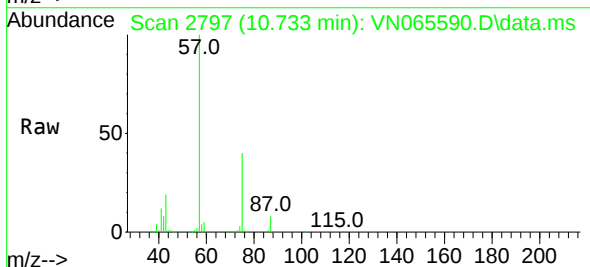
Instrument :
MSVOA_N
ClientSampled :
TP-230

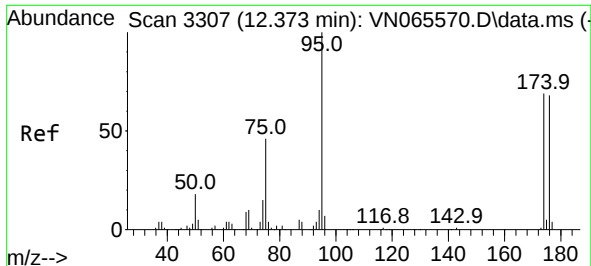
Tgt Ion: 76 Resp: 14932
Ion Ratio Lower Upper
76 100
78 0.0 25.7 38.5#



#59
2-Hexanone
Concen: 89.88 ug/l
RT: 10.733 min Scan# 2797
Delta R.T. 0.013 min
Lab File: VN065590.D
Acq: 25 Jan 2021 20:37

Tgt Ion: 43 Resp: 208015
Ion Ratio Lower Upper
43 100
58 19.3 28.1 84.3#

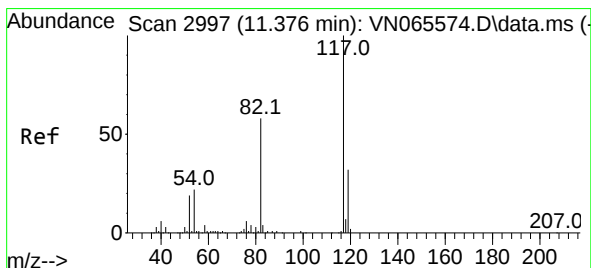
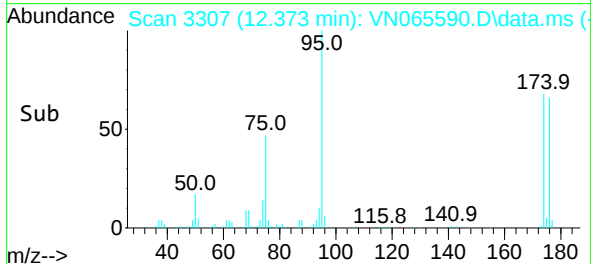
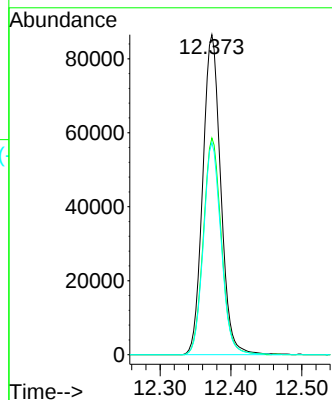
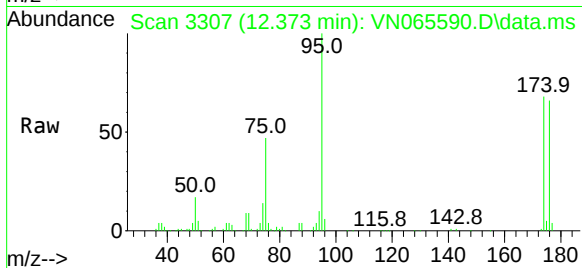




#62
4-Bromofluorobenzene
Concen: 51.43 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.000 min
Lab File: VN065590.D
Acq: 25 Jan 2021 20:37

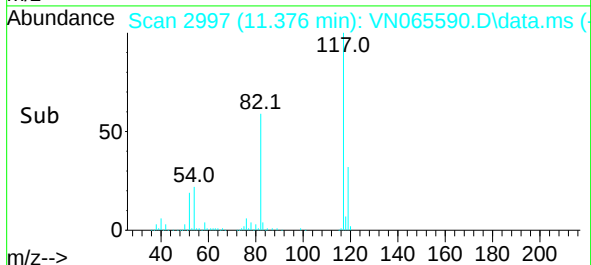
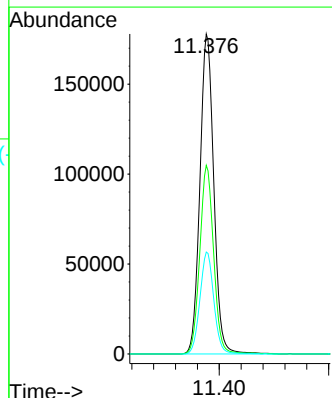
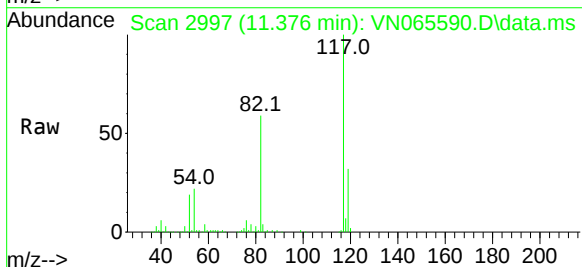
Instrument :
MSVOA_N
ClientSampled :
TP-230

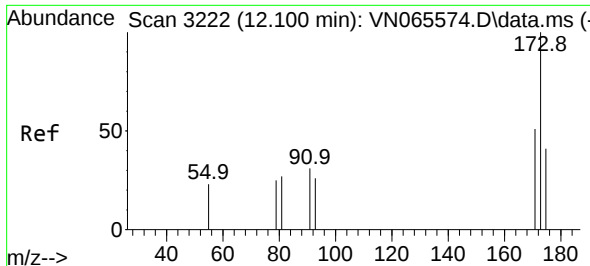
Tgt Ion: 95 Resp: 152390
Ion Ratio Lower Upper
95 100
174 67.8 0.0 169.0
176 65.3 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065590.D
Acq: 25 Jan 2021 20:37

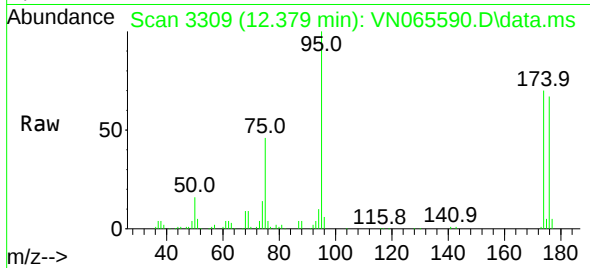
Tgt Ion: 117 Resp: 313205
Ion Ratio Lower Upper
117 100
82 59.0 43.7 65.5
119 31.9 26.1 39.1



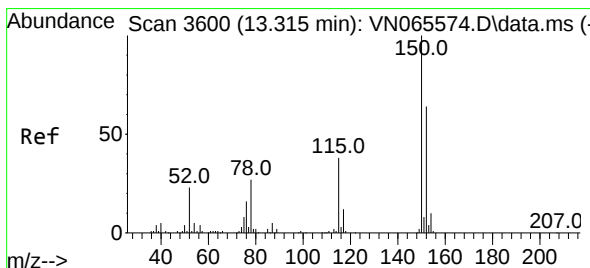
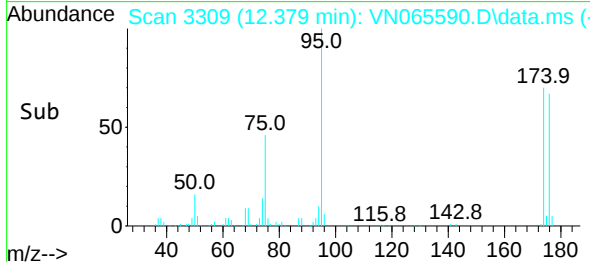
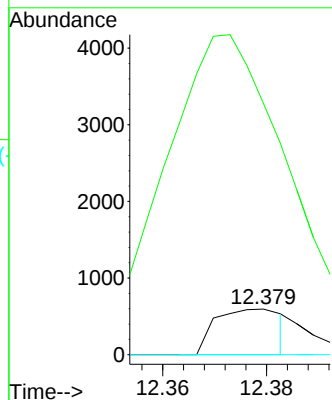


#71
Bromoform
Concen: 0.33 ug/l
RT: 12.379 min Scan# 3309
Delta R.T. 0.283 min
Lab File: VN065590.D
Acq: 25 Jan 2021 20:37

Instrument :
MSVOA_N
ClientSampled :
TP-230

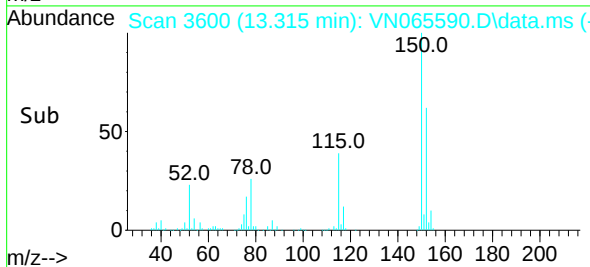
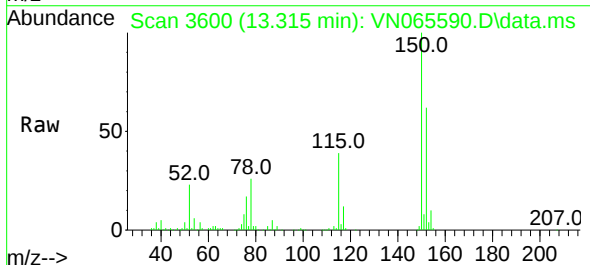
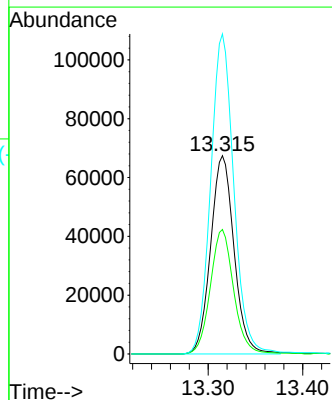


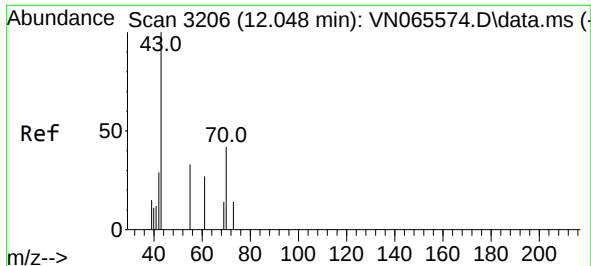
Tgt Ion:173 Resp: 527
Ion Ratio Lower Upper
173 100
175 1131.7 23.8 71.2#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN065590.D
Acq: 25 Jan 2021 20:37

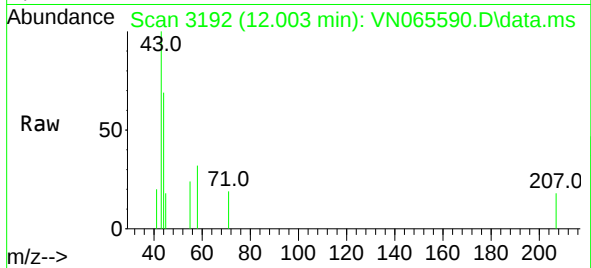
Tgt Ion:152 Resp: 116087
Ion Ratio Lower Upper
152 100
115 62.6 28.5 85.6
150 160.2 0.0 347.6



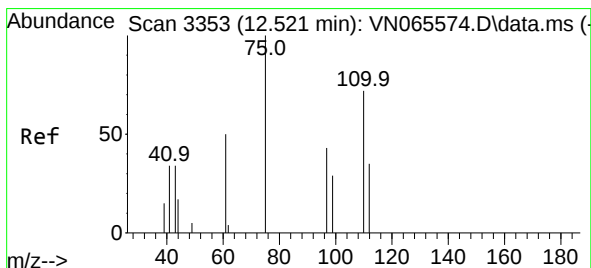
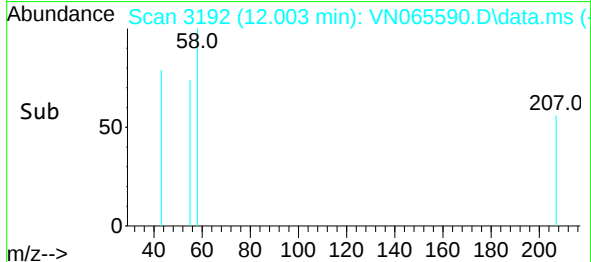
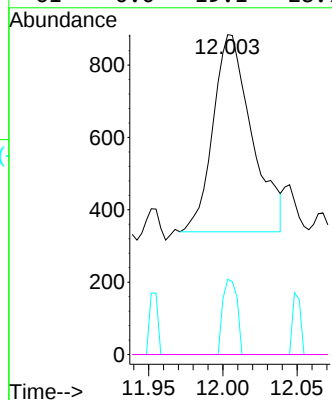


#74
N-amy1 acetate
Concen: 0.23 ug/l
RT: 12.003 min Scan# 3192
Delta R.T. -0.036 min
Lab File: VN065590.D
Acq: 25 Jan 2021 20:37

Instrument :
MSVOA_N
ClientSampled :
TP-230

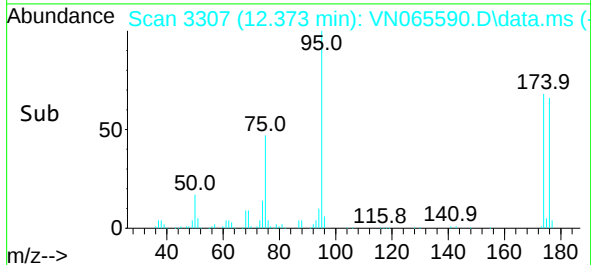
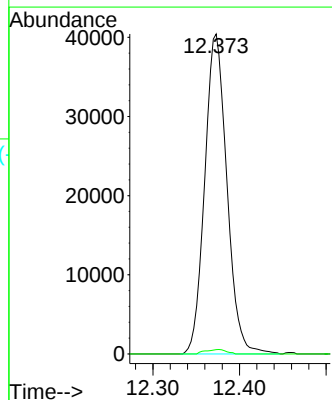
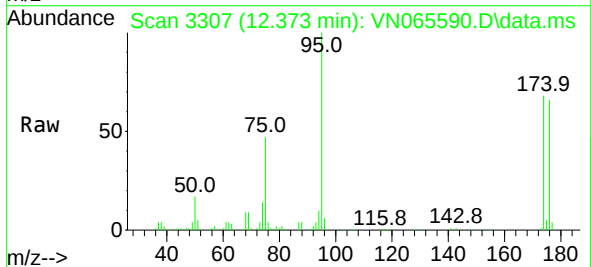


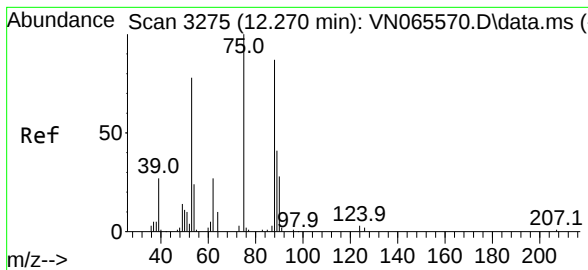
Tgt Ion: 43	Resp: 989
Ion Ratio	Lower Upper
43 100	
70 0.0	34.4 51.6#
55 14.1	20.7 31.1#
61 0.0	19.1 28.7#



#76
1,2,3-Trichloropropane
Concen: 23.70 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.151 min
Lab File: VN065590.D
Acq: 25 Jan 2021 20:37

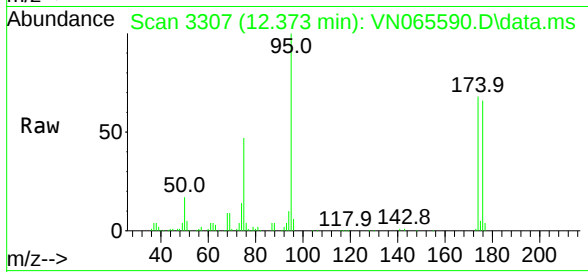
Tgt Ion: 75	Resp: 71951
Ion Ratio	Lower Upper
75 100	
77 1.3	0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 60.71 ug/l
 RT: 12.373 min Scan# 3307
 Delta R.T. 0.103 min
 Lab File: VN065590.D
 Acq: 25 Jan 2021 20:37

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-230



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

