

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012621\
 Data File : VN065615.D
 Acq On : 26 Jan 2021 19:42
 Operator : JC/MD
 Sample : M1230-01MEDL 20X
 Misc : 1.08g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

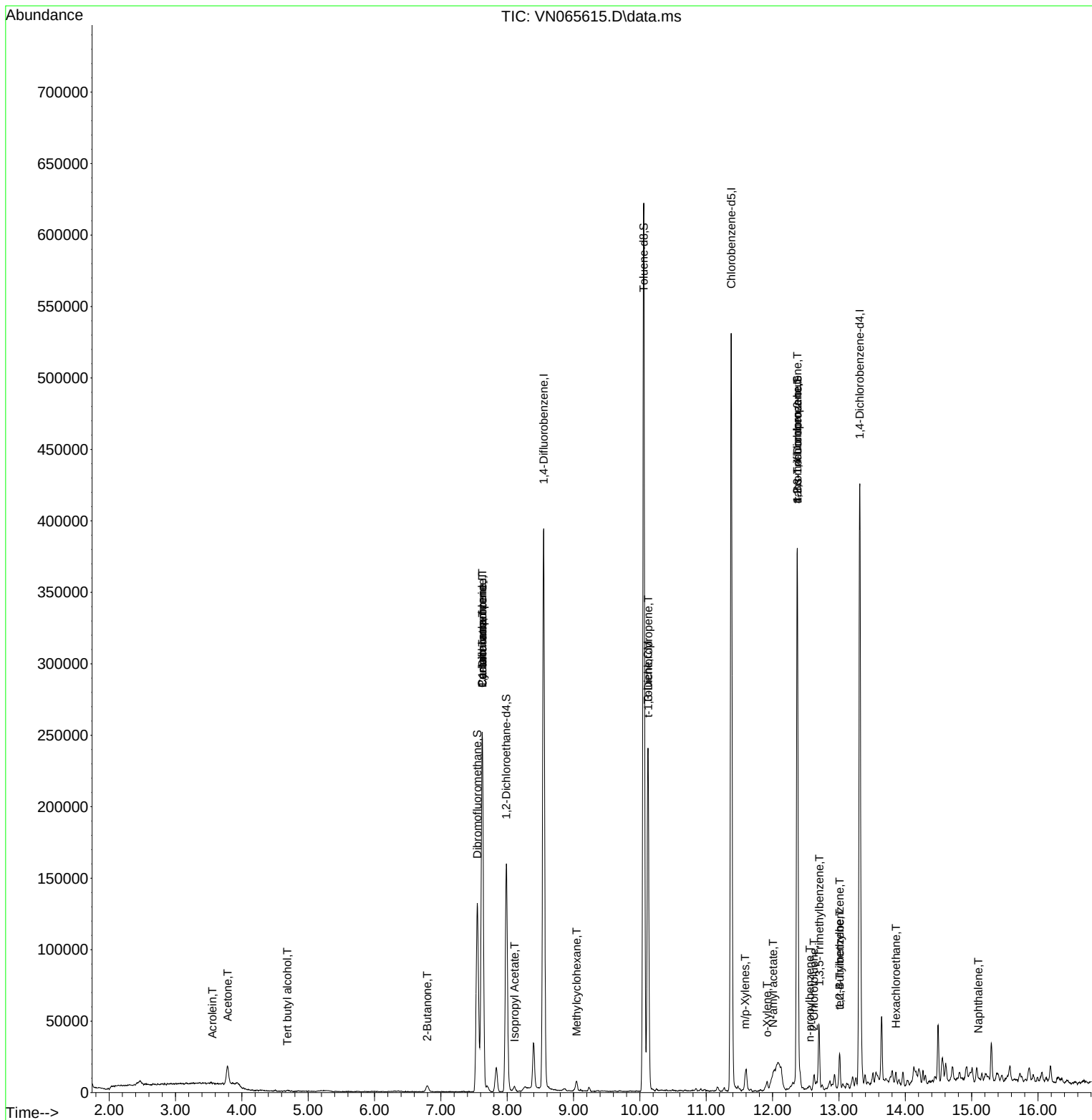
Quant Time: Jan 27 03:32:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 13:47:28 2021
 Response via : Initial Calibration

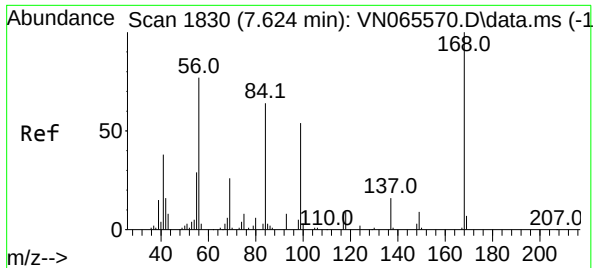
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.624	168	203829	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	358643	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	313620	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	117534	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	133406	49.75	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.50%		
35) Dibromofluoromethane	7.550	113	105508	49.64	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.28%		
50) Toluene-d8	10.058	98	446723	53.47	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	106.94%		
62) 4-Bromofluorobenzene	12.373	95	151265	50.28	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	100.56%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.685	59	264	0.53	ug/l #	73
13) Acrolein	3.557	56	413	18.97	ug/l #	55
16) Acetone	3.785	43	20048	19.20	ug/l	100
25) 2-Butanone	6.794	43	366	0.22	ug/l #	46
31) Cyclohexane	7.624	56	5556	1.10	ug/l #	1
36) 1,1-Dichloropropene	7.624	75	17093	4.74	ug/l #	47
38) Carbon Tetrachloride	7.624	117	19587	6.59	ug/l #	16
39) Methylcyclohexane	9.045	83	2755	0.63	ug/l	96
43) Isopropyl Acetate	8.109	43	2651	0.43	ug/l #	53
52) Toluene	10.122	92	107581	16.48	ug/l	98
53) t-1,3-Dichloropropene	10.125	75	997	0.24	ug/l #	1
68) m/p-Xylenes	11.588	106	2951	0.66	ug/l	85
69) o-Xylene	11.920	106	1662	0.38	ug/l	85
74) N-amyl acetate	12.010	43	1211	0.28	ug/l #	52
76) 1,2,3-Trichloropropane	12.373	75	70784	23.03	ug/l #	100
78) n-propylbenzene	12.563	91	3059	0.25	ug/l	83
79) 2-Chlorotoluene	12.624	91	1549	0.22	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.704	105	3959	0.45	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.373	75	70784	58.99	ug/l #	12
83) tert-Butylbenzene	13.013	119	1693	0.23	ug/l #	65
84) 1,2,4-Trimethylbenzene	13.010	105	14096	1.61	ug/l	98
90) Hexachloroethane	13.862	117	387	0.25	ug/l #	12
95) Naphthalene	15.103	128	806	3.55	ug/l #	69

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

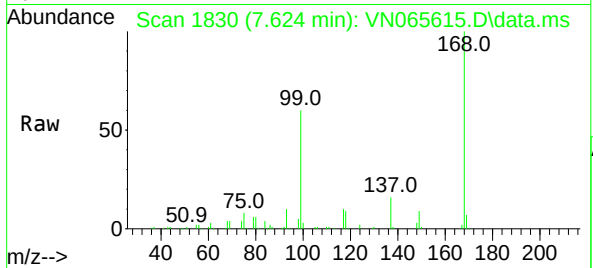
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 25 13:47:28 2021
Response via : Initial Calibration



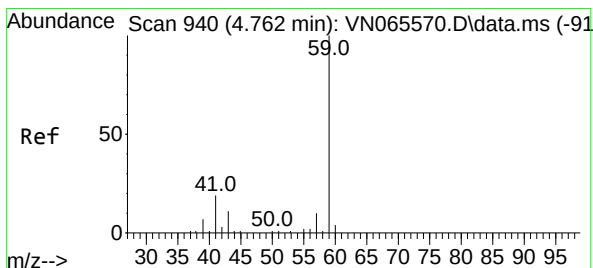
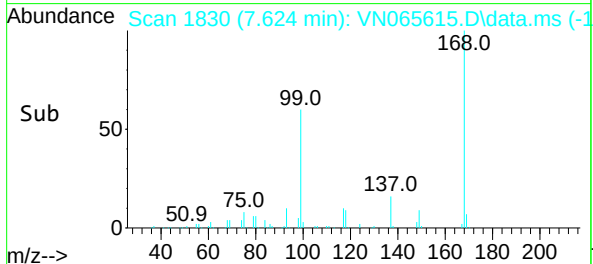
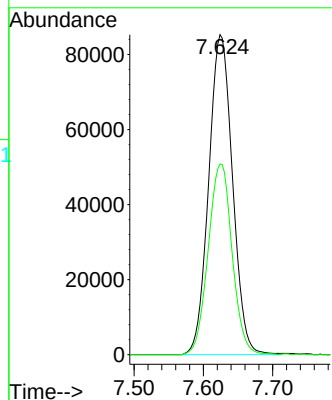


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN065615.D
Acq: 26 Jan 2021 19:42

Instrument :
MSVOA_N
ClientSampleId :

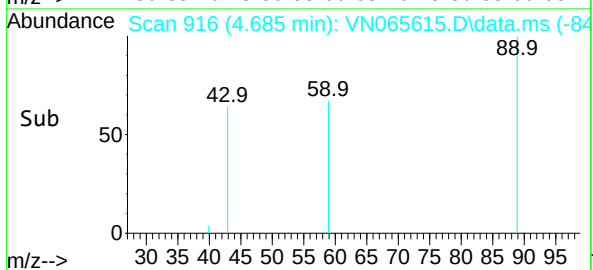
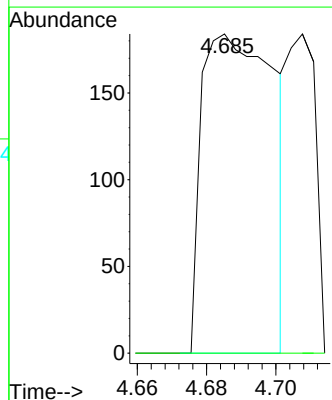
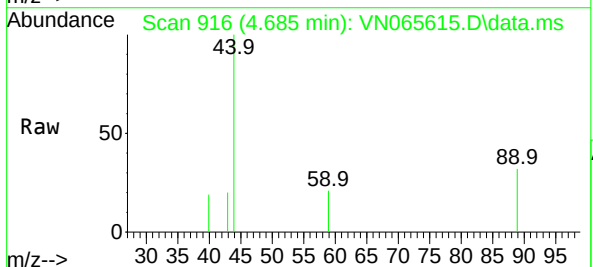


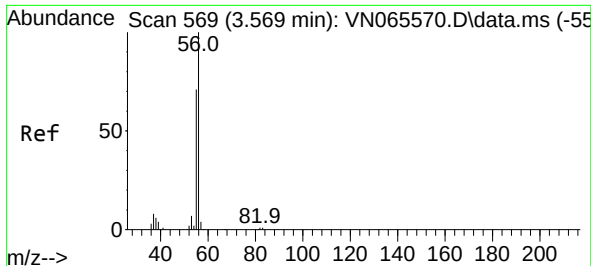
Tgt Ion:168 Resp: 203829
Ion Ratio Lower Upper
168 100
99 59.6 42.6 63.8



#11
Tert butyl alcohol
Concen: 0.53 ug/l
RT: 4.685 min Scan# 916
Delta R.T. -0.077 min
Lab File: VN065615.D
Acq: 26 Jan 2021 19:42

Tgt Ion: 59 Resp: 264
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

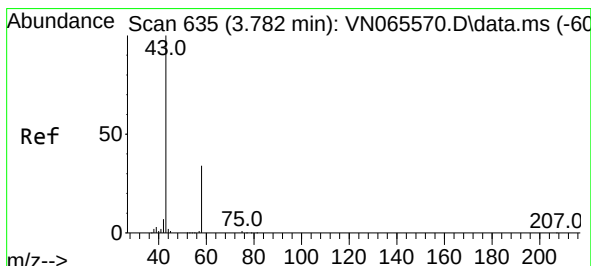
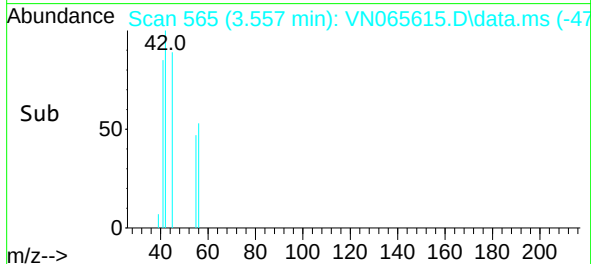
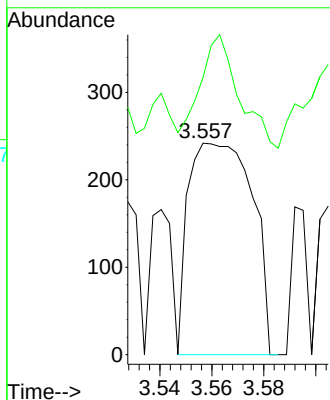
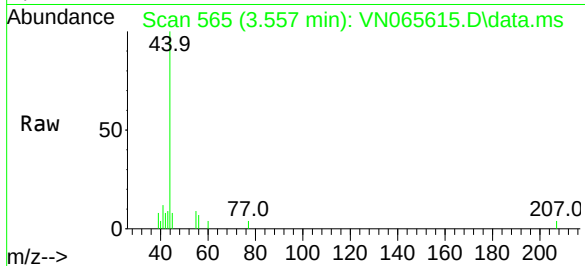




#13
Acrolein
Concen: 18.97 ug/l
RT: 3.557 min Scan# 565
Delta R.T. -0.012 min
Lab File: VN065615.D
Acq: 26 Jan 2021 19:42

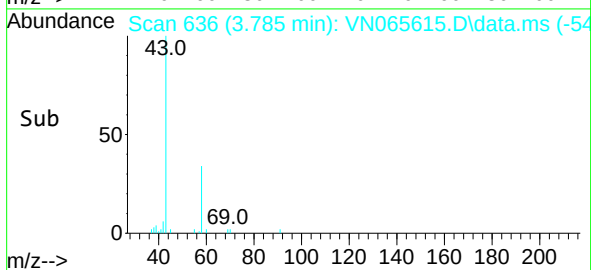
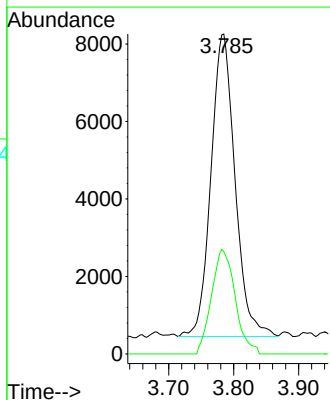
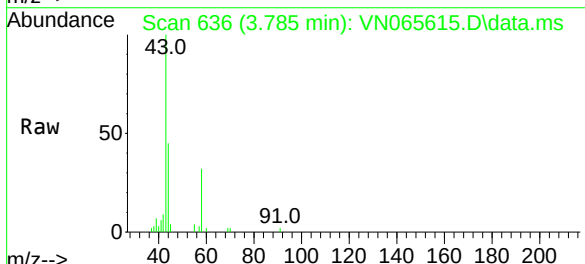
Instrument :
MSVOA_N
ClientSampled :

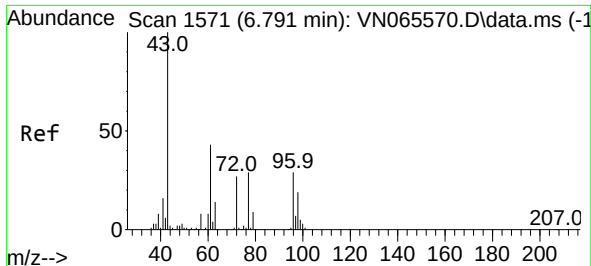
Tgt Ion: 56 Resp: 413
Ion Ratio Lower Upper
56 100
55 32.9 56.0 84.0#



#16
Acetone
Concen: 19.20 ug/l
RT: 3.785 min Scan# 636
Delta R.T. 0.003 min
Lab File: VN065615.D
Acq: 26 Jan 2021 19:42

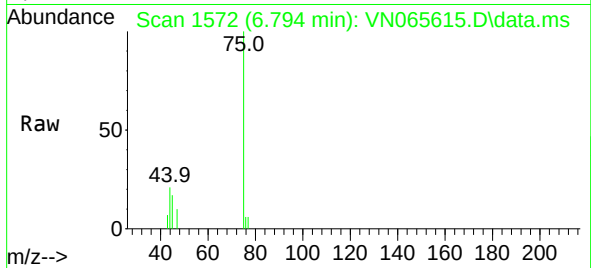
Tgt Ion: 43 Resp: 20048
Ion Ratio Lower Upper
43 100
58 33.8 27.0 40.6



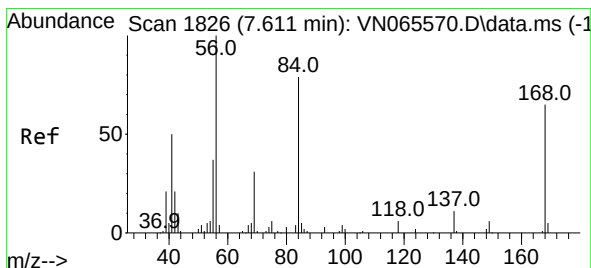
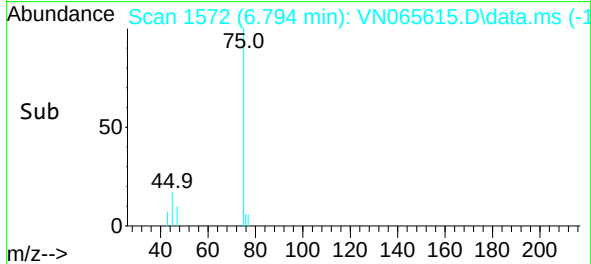
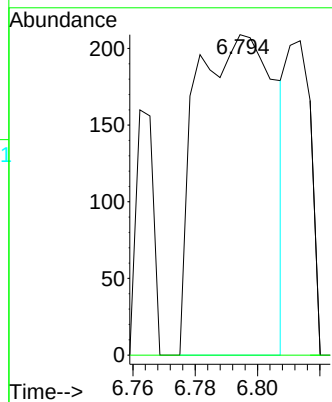


#25
2-Butanone
Concen: 0.22 ug/l
RT: 6.794 min Scan# 1572
Delta R.T. 0.003 min
Lab File: VN065615.D
Acq: 26 Jan 2021 19:42

Instrument :
MSVOA_N
ClientSampled :

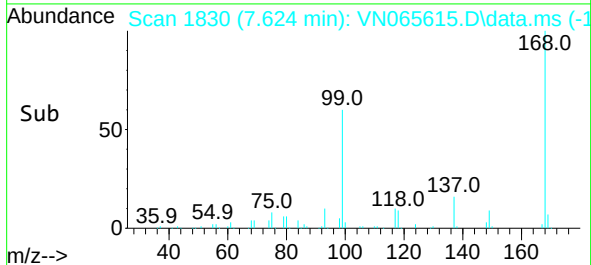
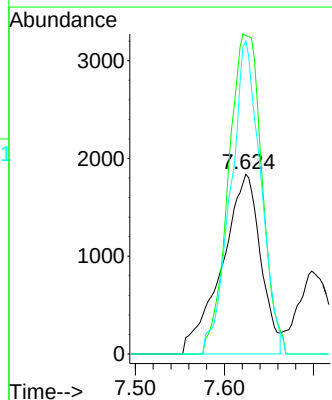
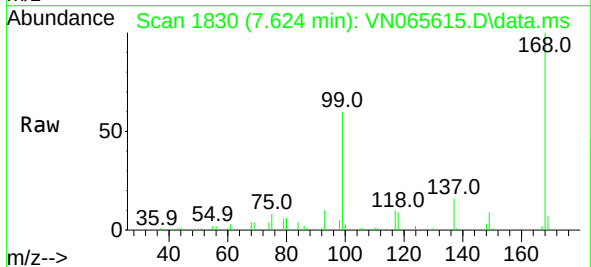


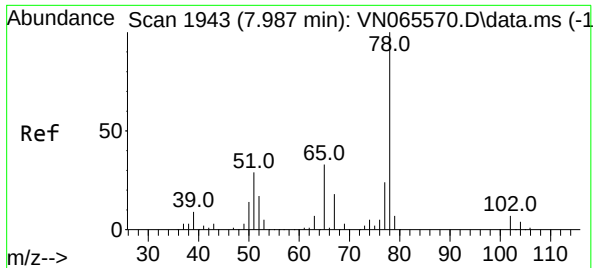
Tgt Ion: 43 Resp: 366
Ion Ratio Lower Upper
43 100
72 0.0 23.1 34.7#



#31
Cyclohexane
Concen: 1.10 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.013 min
Lab File: VN065615.D
Acq: 26 Jan 2021 19:42

Tgt Ion: 56 Resp: 5556
Ion Ratio Lower Upper
56 100
69 177.0 26.6 39.8#
84 174.3 70.4 105.6#

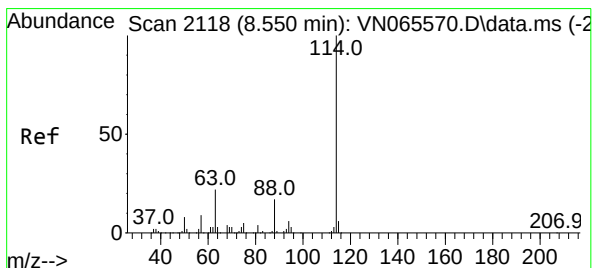
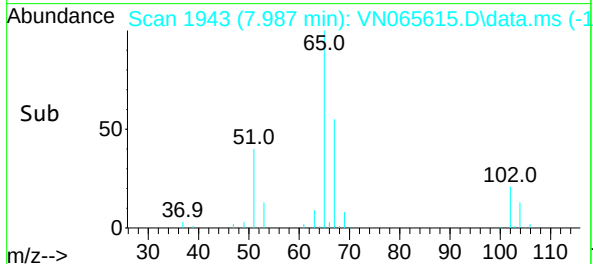
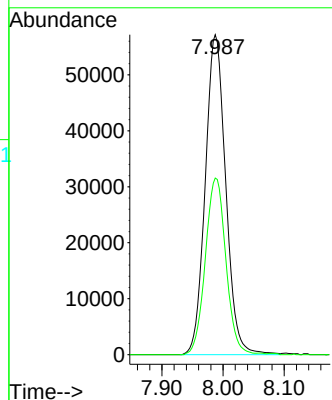
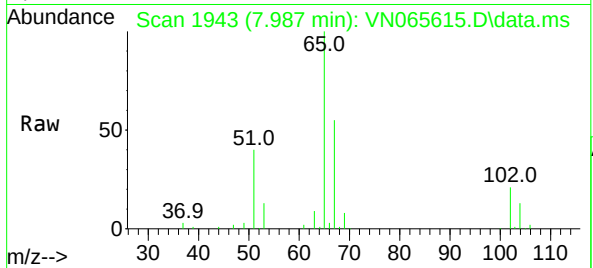




#33
1,2-Dichloroethane-d4
Concen: 49.75 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN065615.D
Acq: 26 Jan 2021 19:42

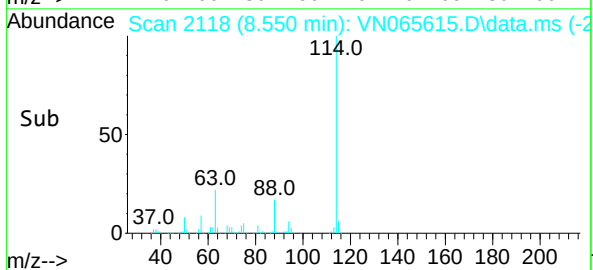
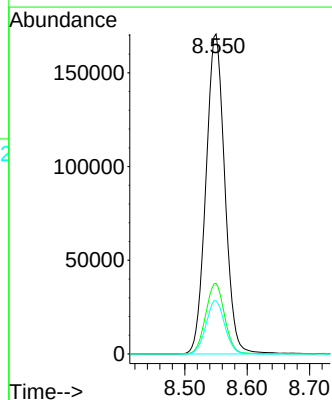
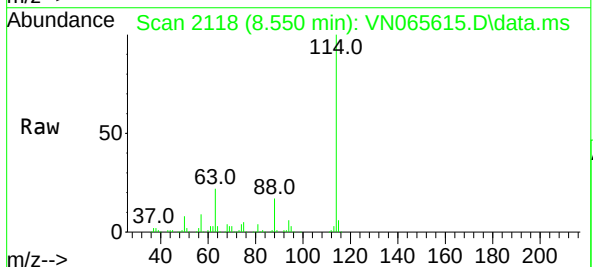
Instrument :
MSVOA_N
ClientSampleId :

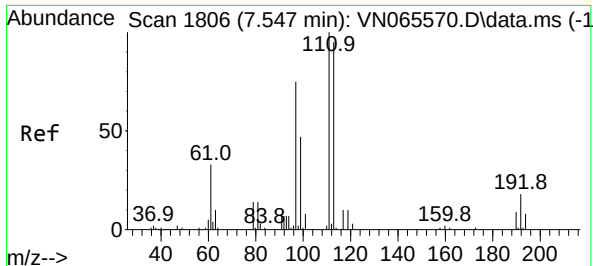
Tgt Ion: 65 Resp: 133406
Ion Ratio Lower Upper
65 100
67 55.3 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. -0.000 min
Lab File: VN065615.D
Acq: 26 Jan 2021 19:42

Tgt Ion: 114 Resp: 358643
Ion Ratio Lower Upper
114 100
63 22.1 0.0 38.6
88 16.6 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.64 ug/l

RT: 7.550 min Scan# 1807

Delta R.T. 0.003 min

Lab File: VN065615.D

Acq: 26 Jan 2021 19:42

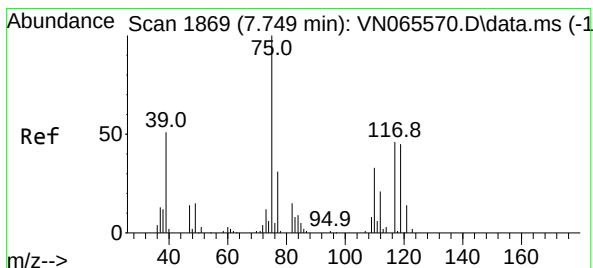
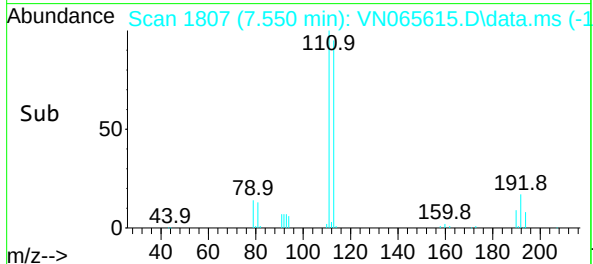
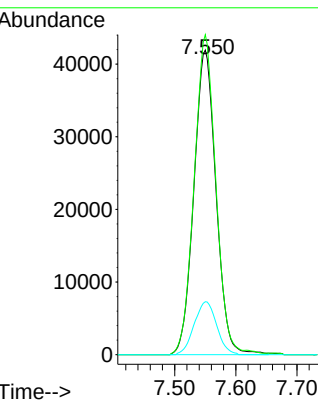
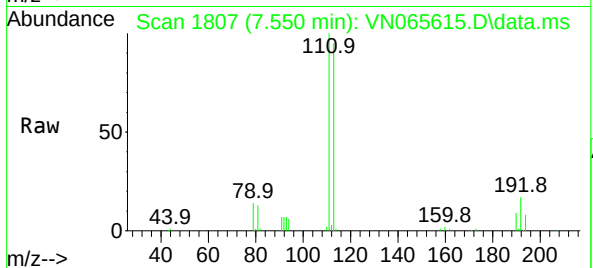
Tgt Ion:113 Resp: 105508

Ion Ratio Lower Upper

113 100

111 103.2 82.2 123.2

192 17.7 15.4 23.0



#36

1,1-Dichloropropene

Concen: 4.74 ug/l

RT: 7.624 min Scan# 1830

Delta R.T. -0.125 min

Lab File: VN065615.D

Acq: 26 Jan 2021 19:42

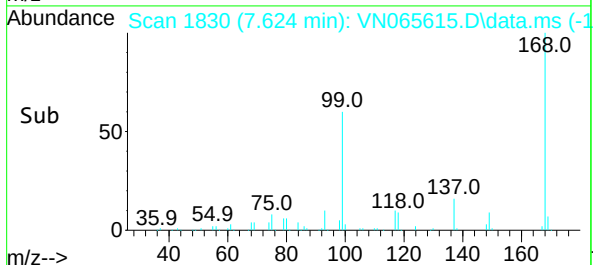
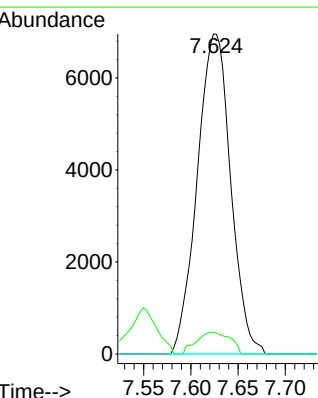
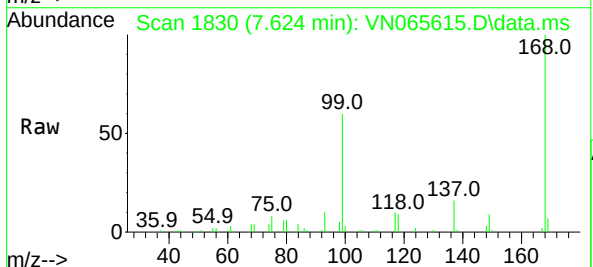
Tgt Ion: 75 Resp: 17093

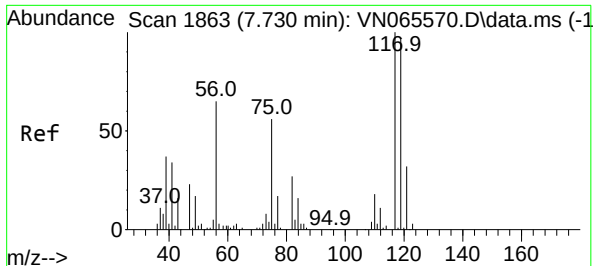
Ion Ratio Lower Upper

75 100

110 6.9 18.2 54.6#

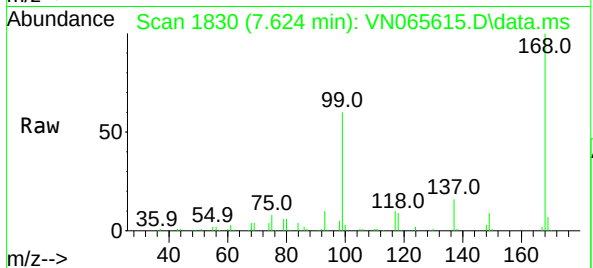
77 0.0 24.9 37.3#



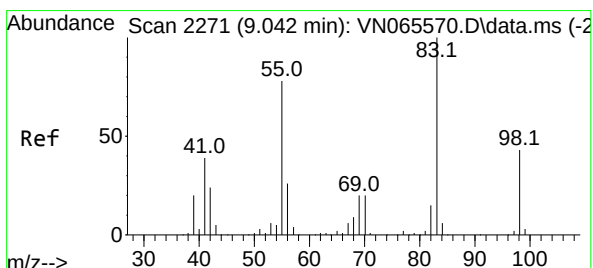
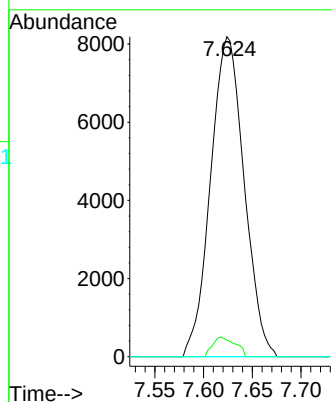
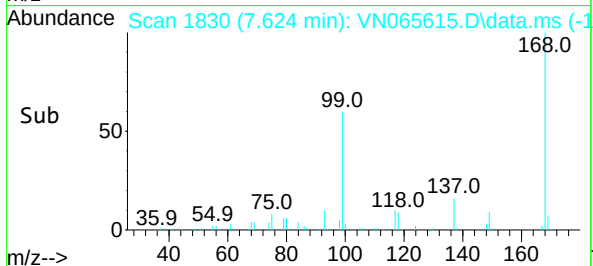


#38
Carbon Tetrachloride
Concen: 6.59 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.106 min
Lab File: VN065615.D
Acq: 26 Jan 2021 19:42

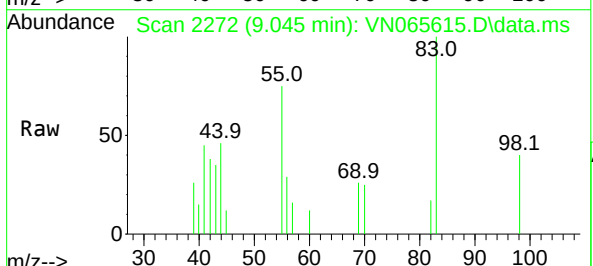
Instrument :
MSVOA_N
ClientSampleId :



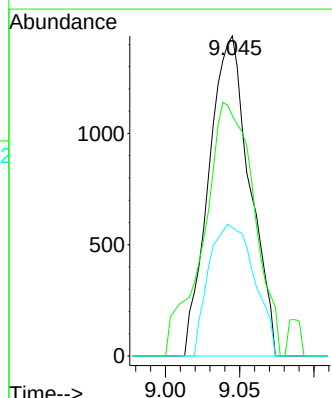
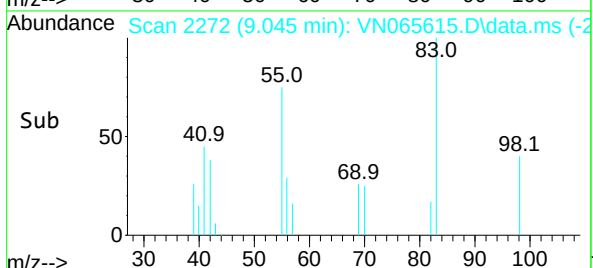
Tgt Ion: 117 Resp: 19587
Ion Ratio Lower Upper
117 100
119 5.1 76.0 114.0#
121 0.0 24.5 36.7#

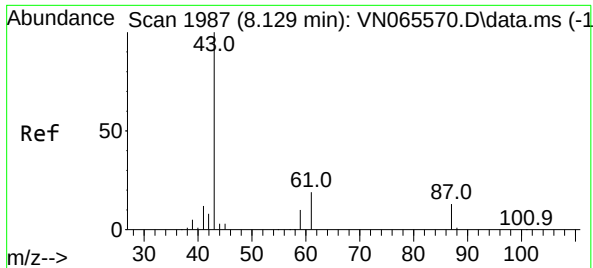


#39
Methylcyclohexane
Concen: 0.63 ug/l
RT: 9.045 min Scan# 2272
Delta R.T. 0.003 min
Lab File: VN065615.D
Acq: 26 Jan 2021 19:42



Tgt Ion: 83 Resp: 2755
Ion Ratio Lower Upper
83 100
55 75.2 58.9 88.3
98 40.1 35.9 53.9

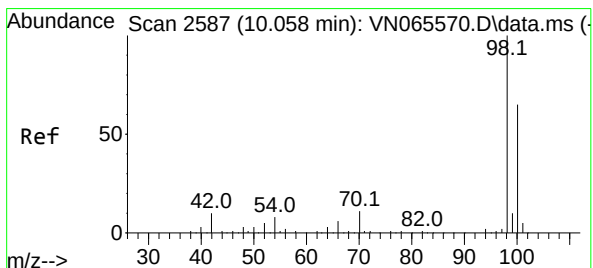
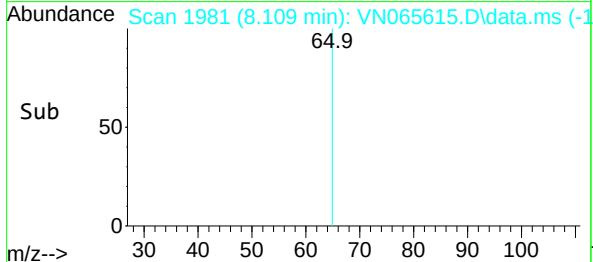
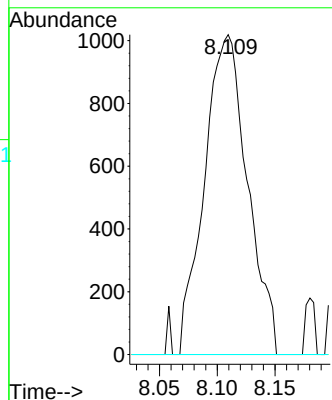
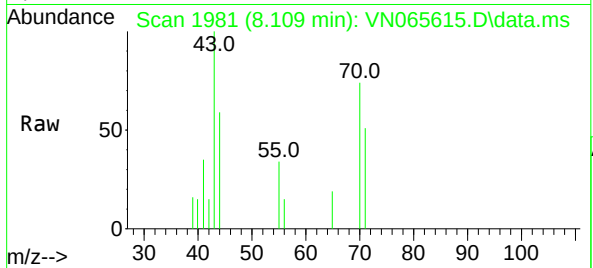




#43
Isopropyl Acetate
Concen: 0.43 ug/l
RT: 8.109 min Scan# 1981
Delta R.T. -0.020 min
Lab File: VN065615.D
Acq: 26 Jan 2021 19:42

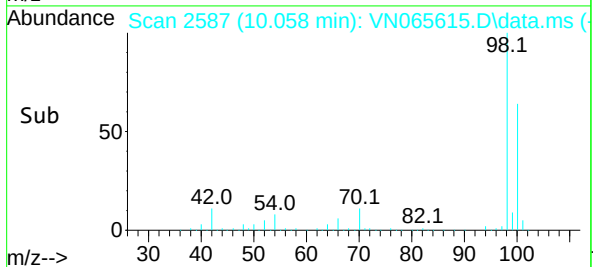
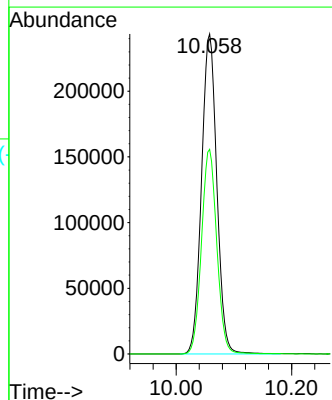
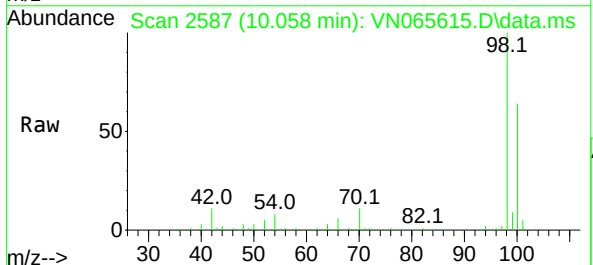
Instrument :
MSVOA_N
ClientSampleId :

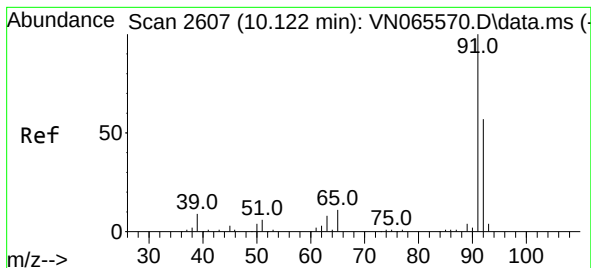
Tgt Ion: 43 Resp: 2651
Ion Ratio Lower Upper
43 100
61 0.0 22.5 33.7#
87 0.0 11.1 16.7#



#50
Toluene-d8
Concen: 53.47 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. -0.000 min
Lab File: VN065615.D
Acq: 26 Jan 2021 19:42

Tgt Ion: 98 Resp: 446723
Ion Ratio Lower Upper
98 100
100 64.1 50.5 75.7





#52

Toluene

Concen: 16.48 ug/l

RT: 10.122 min Scan# 2607

Delta R.T. 0.000 min

Lab File: VN065615.D

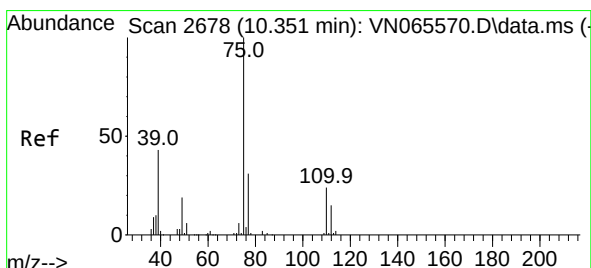
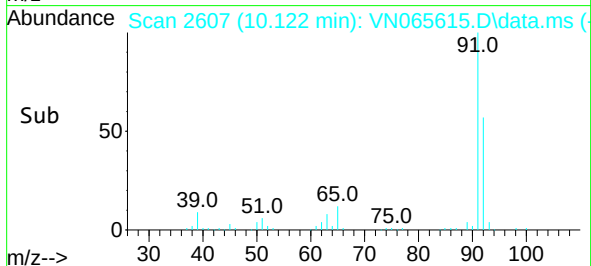
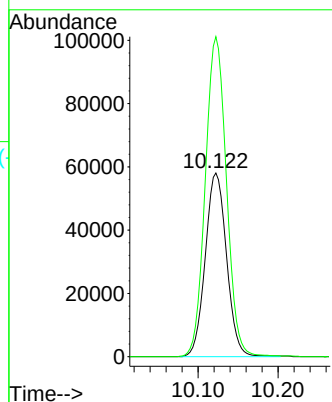
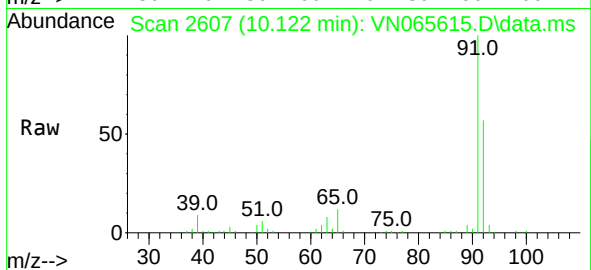
Acq: 26 Jan 2021 19:42

Tgt Ion: 92 Resp: 107581

Ion Ratio Lower Upper

92 100

91 173.3 140.7 211.1



#53

t-1,3-Dichloropropene

Concen: 0.24 ug/l

RT: 10.125 min Scan# 2608

Delta R.T. -0.226 min

Lab File: VN065615.D

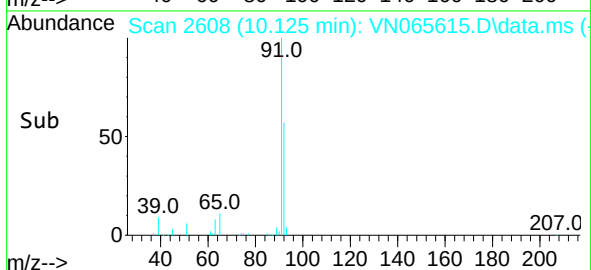
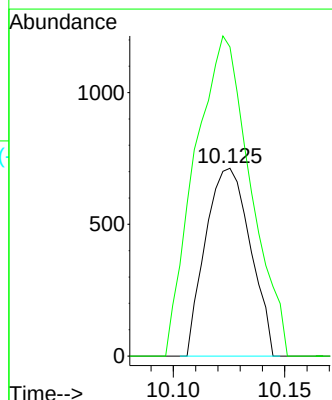
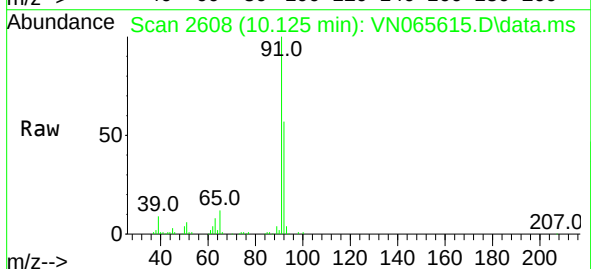
Acq: 26 Jan 2021 19:42

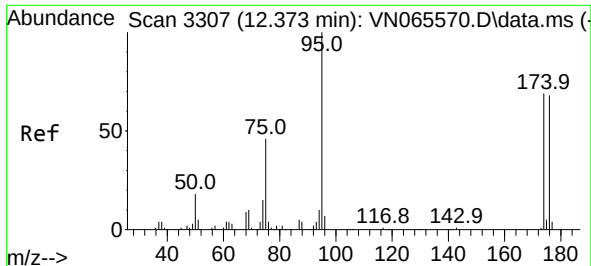
Tgt Ion: 75 Resp: 997

Ion Ratio Lower Upper

75 100

77 136.6 26.2 39.4#

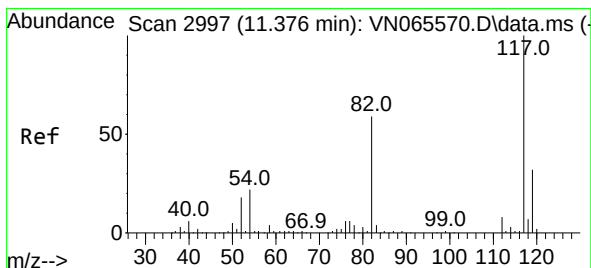
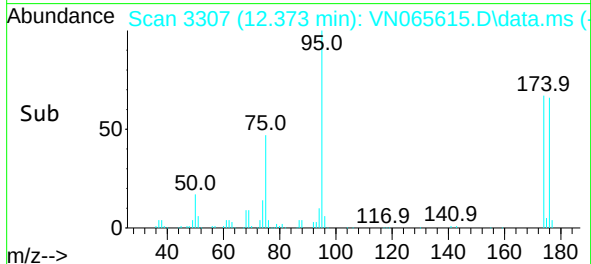
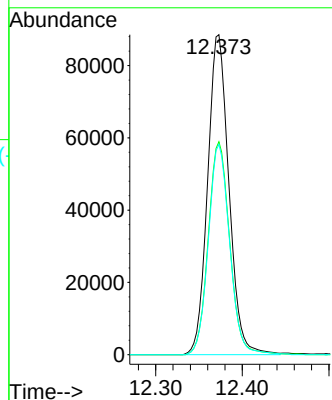
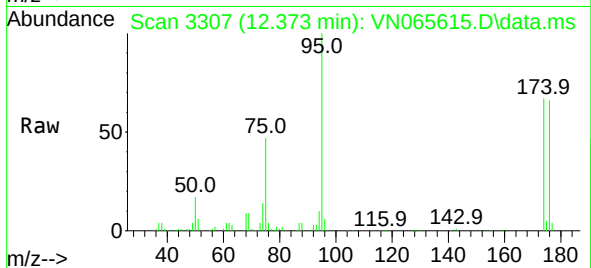




#62
4-Bromofluorobenzene
Concen: 50.28 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.000 min
Lab File: VN065615.D
Acq: 26 Jan 2021 19:42

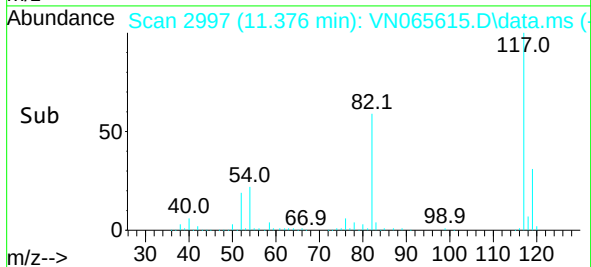
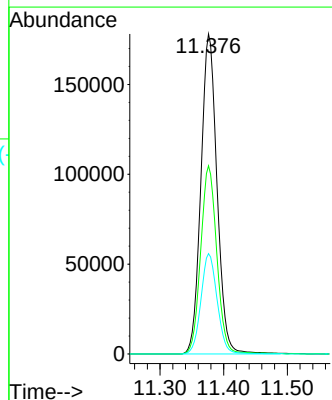
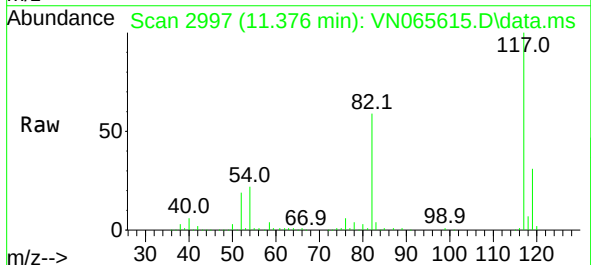
Instrument :
MSVOA_N
ClientSampleId :

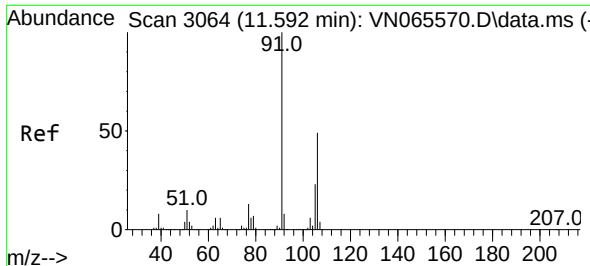
Tgt Ion: 95 Resp: 151265
Ion Ratio Lower Upper
95 100
174 67.1 0.0 169.0
176 65.6 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065615.D
Acq: 26 Jan 2021 19:42

Tgt Ion: 117 Resp: 313620
Ion Ratio Lower Upper
117 100
82 58.8 43.7 65.5
119 31.4 26.1 39.1

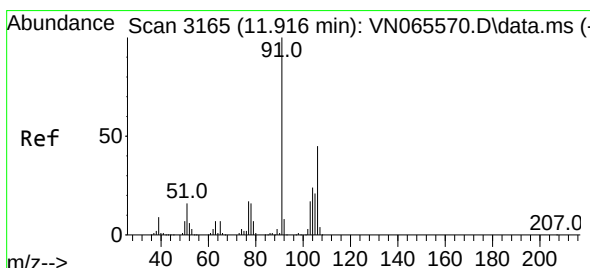
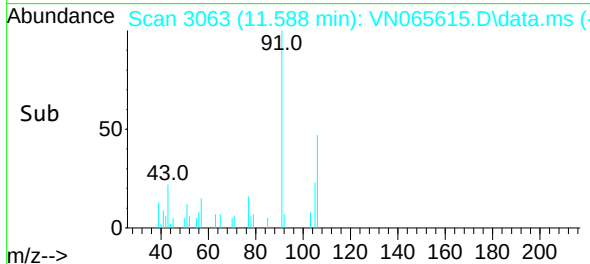
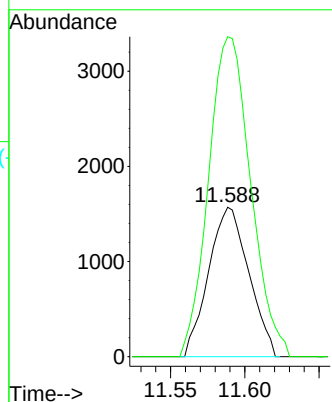
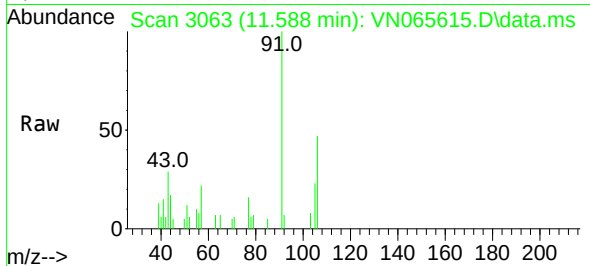




#68
m/p-Xylenes
Concen: 0.66 ug/l
RT: 11.588 min Scan# 3063
Delta R.T. -0.004 min
Lab File: VN065615.D
Acq: 26 Jan 2021 19:42

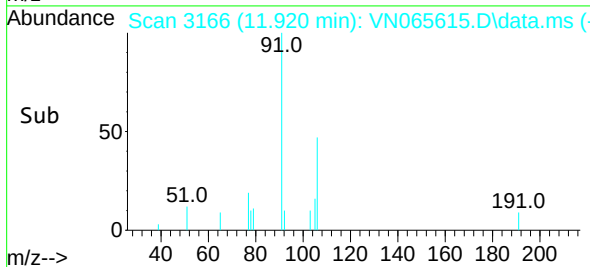
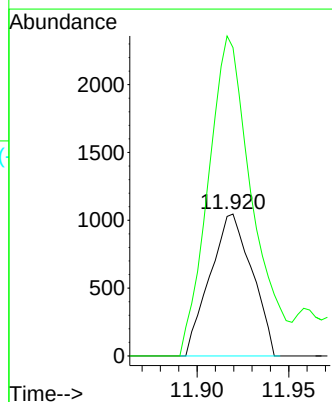
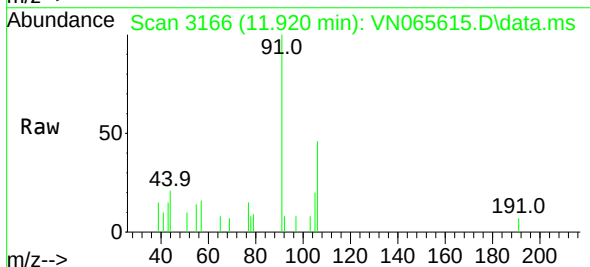
Instrument :
MSVOA_N
ClientSampleId :

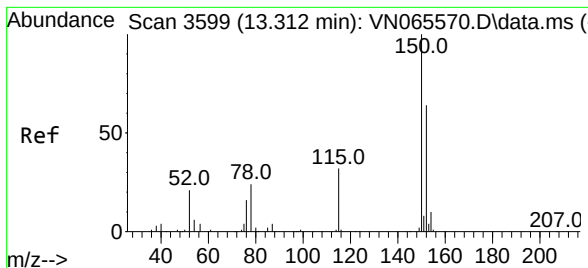
Tgt Ion:106 Resp: 2951
Ion Ratio Lower Upper
106 100
91 224.6 161.4 242.0



#69
o-Xylene
Concen: 0.38 ug/l
RT: 11.920 min Scan# 3166
Delta R.T. 0.004 min
Lab File: VN065615.D
Acq: 26 Jan 2021 19:42

Tgt Ion:106 Resp: 1662
Ion Ratio Lower Upper
106 100
91 236.8 106.8 320.4

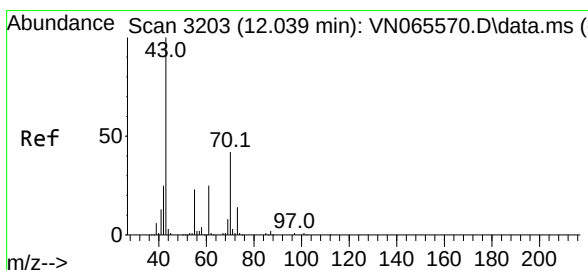
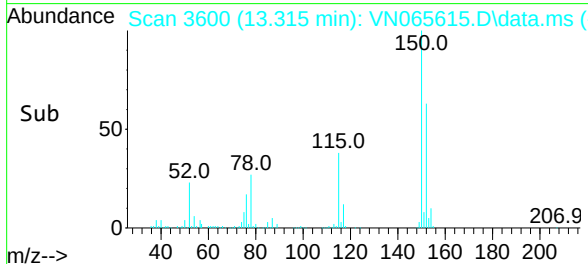
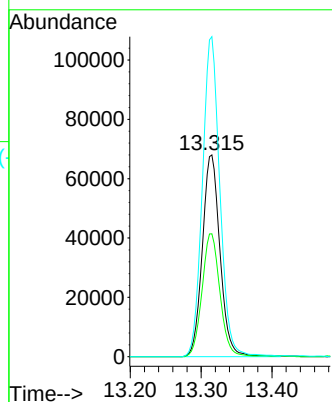
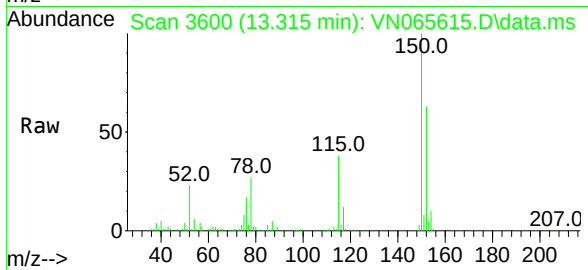




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN065615.D
Acq: 26 Jan 2021 19:42

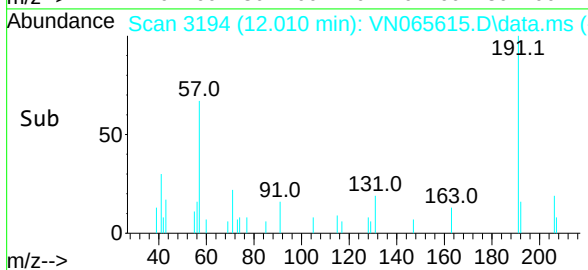
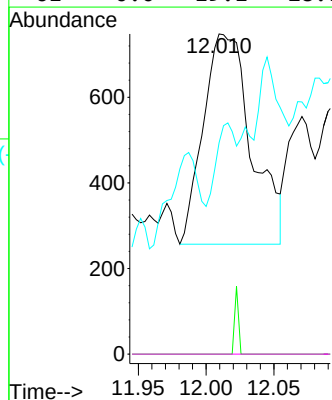
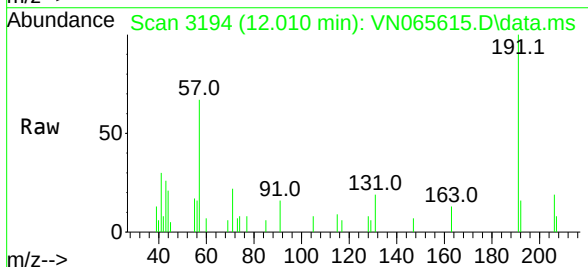
Instrument :
MSVOA_N
ClientSampleId :

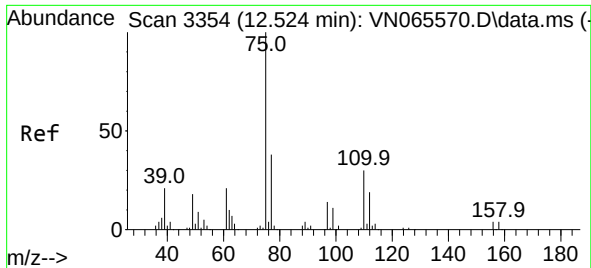
Tgt Ion:152 Resp: 117534
Ion Ratio Lower Upper
152 100
115 61.5 28.5 85.6
150 157.2 0.0 347.6



#74
N-ethyl acetate
Concen: 0.28 ug/l
RT: 12.010 min Scan# 3194
Delta R.T. -0.029 min
Lab File: VN065615.D
Acq: 26 Jan 2021 19:42

Tgt Ion: 43 Resp: 1211
Ion Ratio Lower Upper
43 100
70 2.5 34.4 51.6#
55 15.4 20.7 31.1#
61 0.0 19.1 28.7#

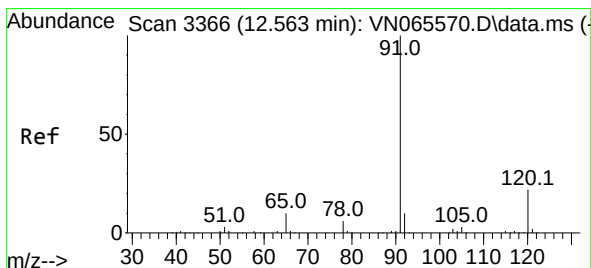
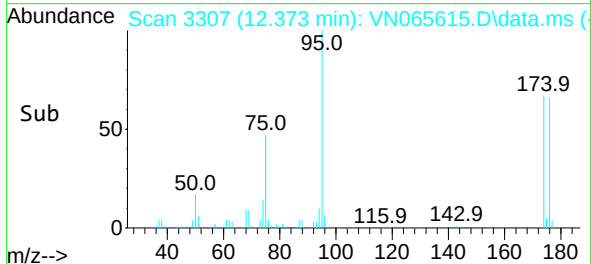
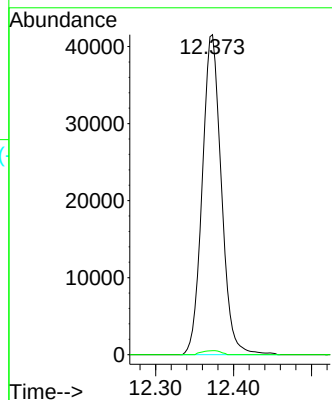
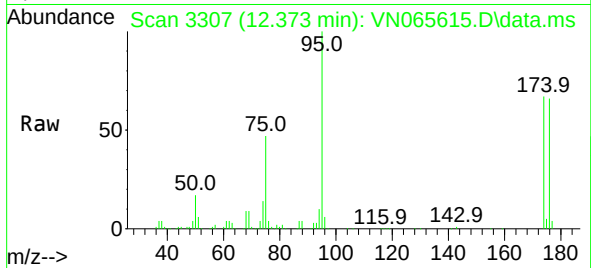




#76
1,2,3-Trichloropropane
Concen: 23.03 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.151 min
Lab File: VN065615.D
Acq: 26 Jan 2021 19:42

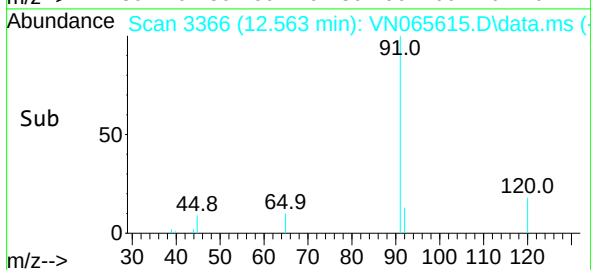
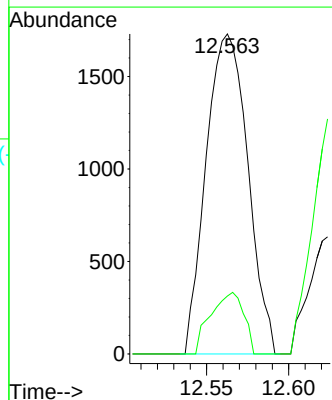
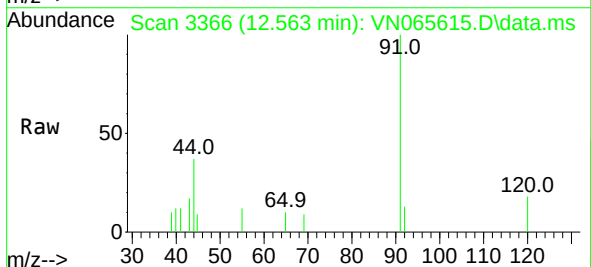
Instrument :
MSVOA_N
ClientSampleId :

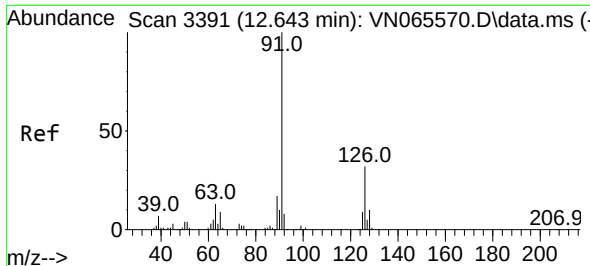
Tgt Ion: 75 Resp: 70784
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#78
n-propylbenzene
Concen: 0.25 ug/l
RT: 12.563 min Scan# 3366
Delta R.T. -0.000 min
Lab File: VN065615.D
Acq: 26 Jan 2021 19:42

Tgt Ion: 91 Resp: 3059
Ion Ratio Lower Upper
91 100
120 15.3 11.8 35.3

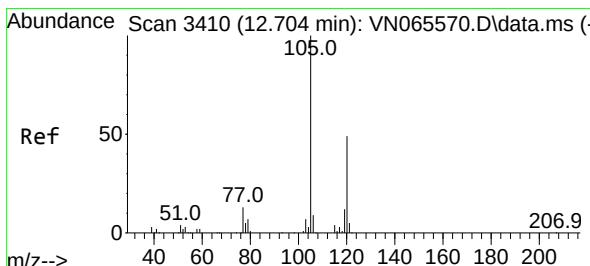
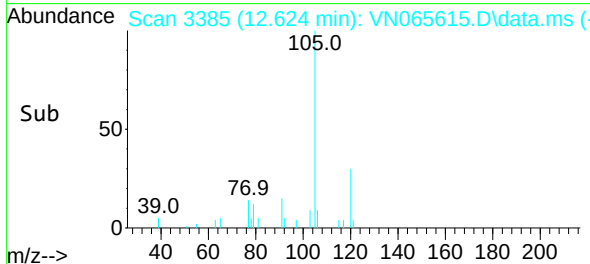
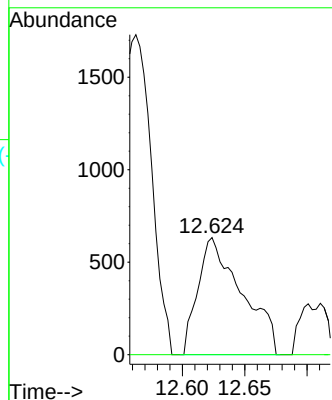
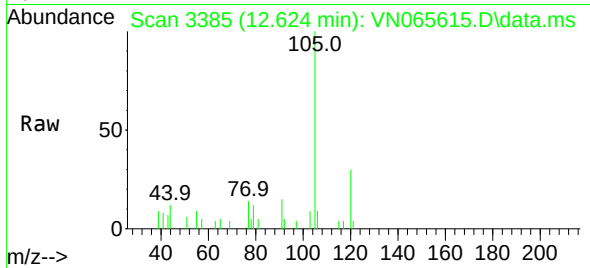




#79
2-Chlorotoluene
Concen: 0.22 ug/l
RT: 12.624 min Scan# 3385
Delta R.T. -0.019 min
Lab File: VN065615.D
Acq: 26 Jan 2021 19:42

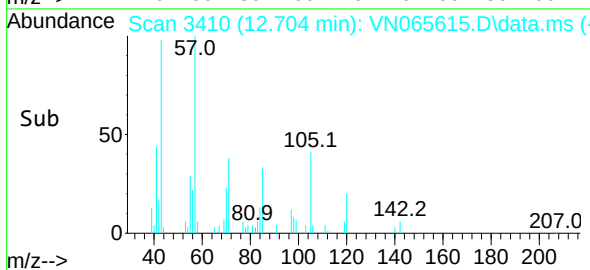
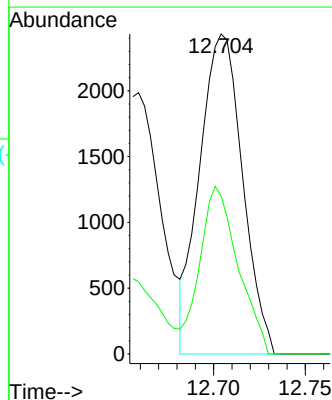
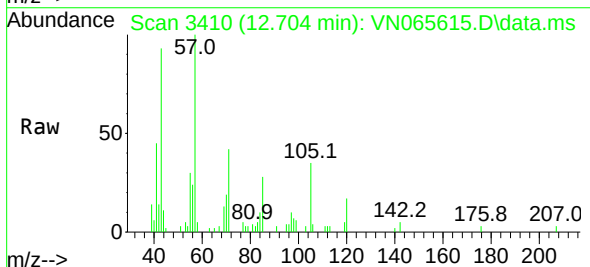
Instrument :
MSVOA_N
ClientSampleId :

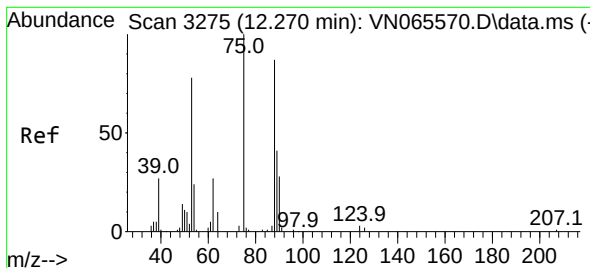
Tgt Ion: 91 Resp: 1549
Ion Ratio Lower Upper
91 100
126 0.0 17.4 52.3#



#80
1,3,5-Trimethylbenzene
Concen: 0.45 ug/l
RT: 12.704 min Scan# 3410
Delta R.T. 0.000 min
Lab File: VN065615.D
Acq: 26 Jan 2021 19:42

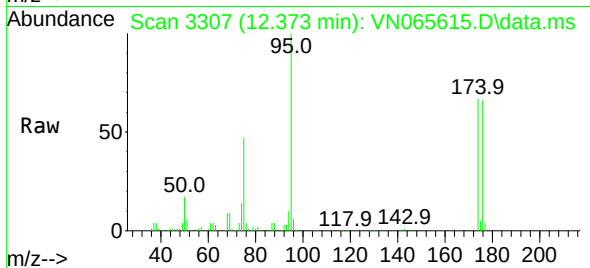
Tgt Ion: 105 Resp: 3959
Ion Ratio Lower Upper
105 100
120 46.6 24.3 72.8



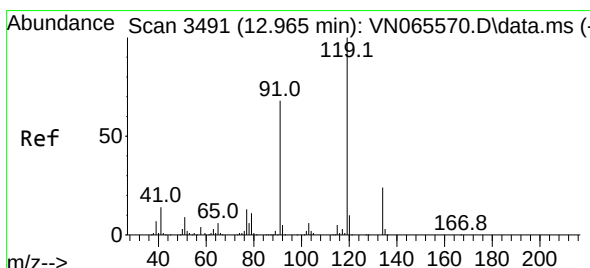
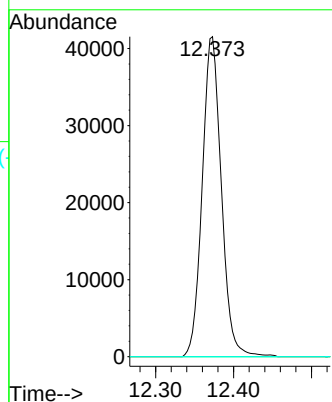
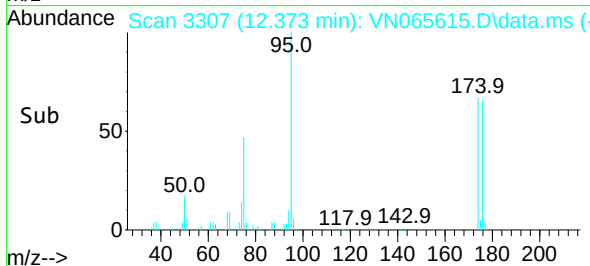


#81
trans-1,4-Dichloro-2-butene
Concen: 58.99 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN065615.D
Acq: 26 Jan 2021 19:42

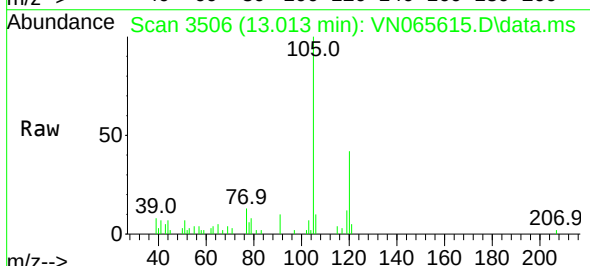
Instrument :
MSVOA_N
ClientSampleId :



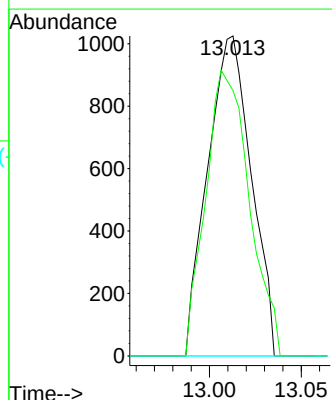
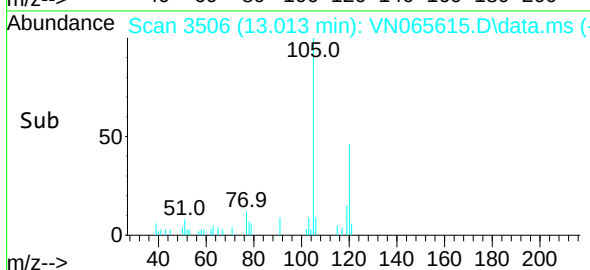
Tgt Ion: 75 Resp: 70784
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#

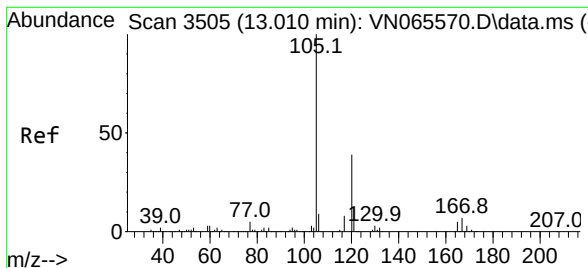


#83
tert-Butylbenzene
Concen: 0.23 ug/l
RT: 13.013 min Scan# 3506
Delta R.T. 0.048 min
Lab File: VN065615.D
Acq: 26 Jan 2021 19:42



Tgt Ion: 119 Resp: 1693
Ion Ratio Lower Upper
119 100
91 89.5 33.0 98.9
134 0.0 12.7 38.1#

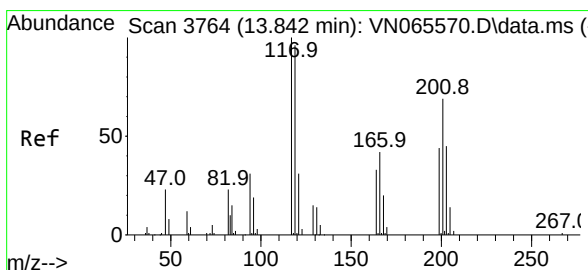
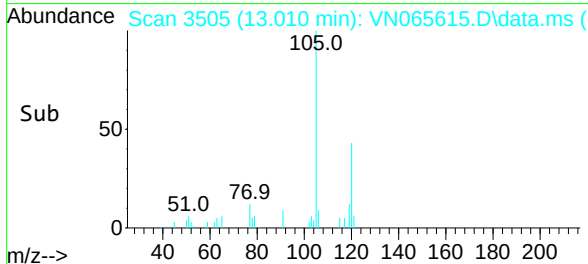
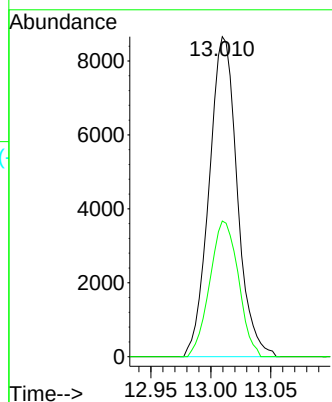
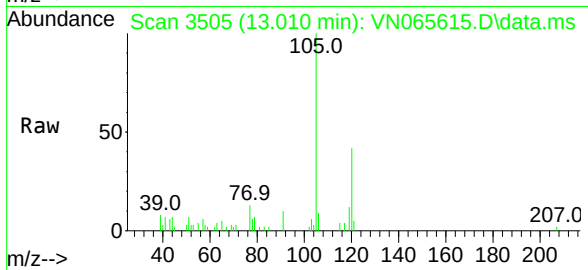




#84
1,2,4-Trimethylbenzene
Concen: 1.61 ug/l
RT: 13.010 min Scan# 3505
Delta R.T. -0.000 min
Lab File: VN065615.D
Acq: 26 Jan 2021 19:42

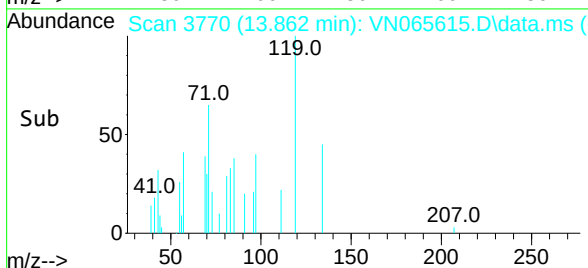
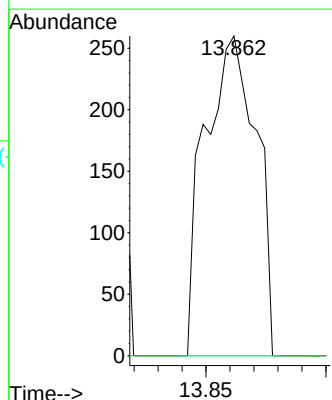
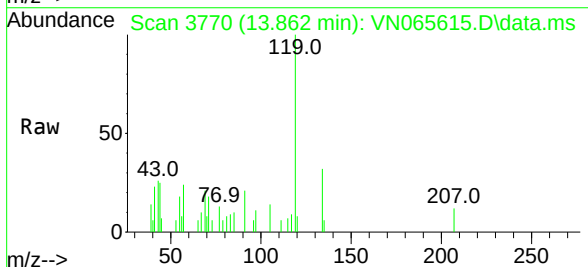
Instrument :
MSVOA_N
ClientSampled :

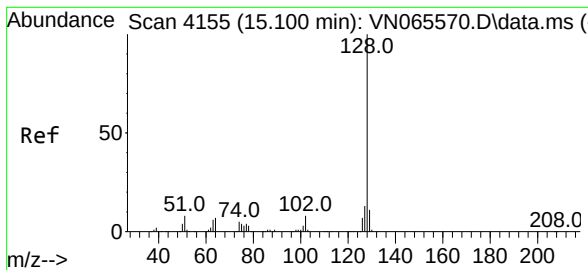
Tgt Ion:105 Resp: 14096
Ion Ratio Lower Upper
105 100
120 43.1 22.4 67.0



#90
Hexachloroethane
Concen: 0.25 ug/l
RT: 13.862 min Scan# 3770
Delta R.T. 0.020 min
Lab File: VN065615.D
Acq: 26 Jan 2021 19:42

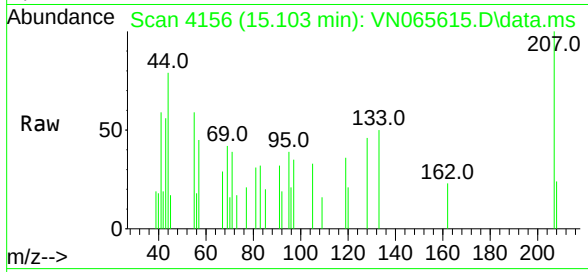
Tgt Ion:117 Resp: 387
Ion Ratio Lower Upper
117 100
201 0.0 37.8 113.3#





#95
Naphthalene
Concen: 3.55 ug/l
RT: 15.103 min Scan# 4156
Delta R.T. 0.003 min
Lab File: VN065615.D
Acq: 26 Jan 2021 19:42

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 806
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.6 13.0#

