

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042721\
 Data File : VN066795.D
 Acq On : 27 Apr 2021 20:49
 Operator : JC/MD
 Sample : M2170-12
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 28 08:14:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 27 16:02:50 2021
 Response via : Initial Calibration

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

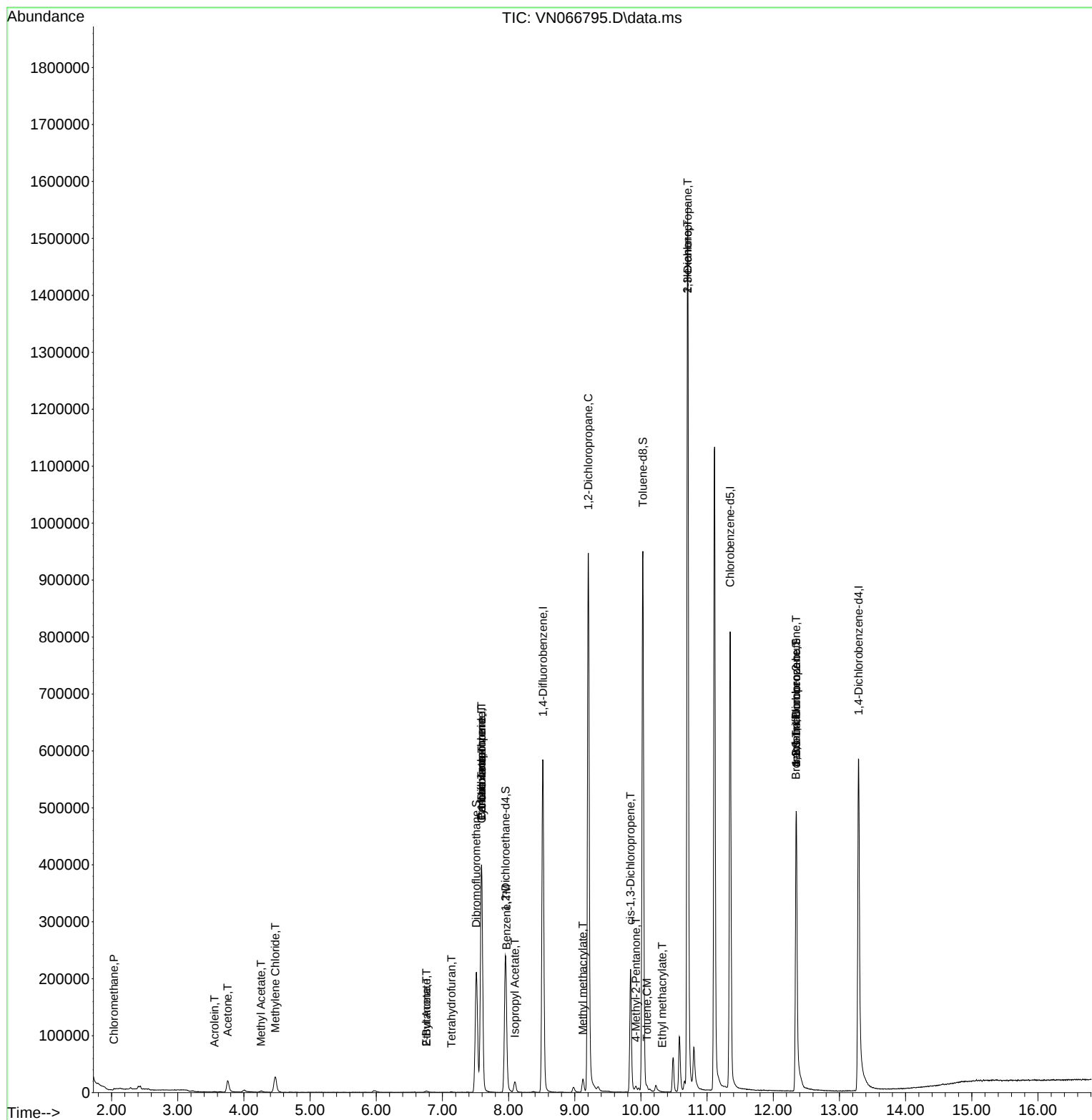
Internal Standards						
1) Pentafluorobenzene	7.591	168	355512	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.519	114	549369	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.349	117	497702	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.290	152	224677	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.953	65	207467	45.42	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 90.84%			
35) Dibromofluoromethane	7.513	113	171133	50.46	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.92%			
50) Toluene-d8	10.029	98	672724	50.54	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.08%			
62) 4-Bromofluorobenzene	12.346	95	216186	48.00	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 96.00%			
Target Compounds					Qvalue	
3) Chloromethane	2.034	50	1037	0.21	ug/l #	86
13) Acrolein	3.555	56	847	1.44	ug/l #	68
16) Acetone	3.756	43	34722	20.15	ug/l	98
18) Methyl Acetate	4.257	43	4802	2.12	ug/l #	64
20) Methylene Chloride	4.475	84	20984	4.81	ug/l	96
25) 2-Butanone	6.757	43	5411	2.23	ug/l	91
29) Tetrahydrofuran	7.138	42	622	0.38	ug/l #	38
31) Cyclohexane	7.594	56	6395	0.91	ug/l #	1
36) 1,1-Dichloropropene	7.591	75	25045	4.91	ug/l #	48
37) Ethyl Acetate	6.757	43	5411	1.00	ug/l #	68
38) Carbon Tetrachloride	7.591	117	31020	6.34	ug/l #	17
40) Benzene	7.967	78	9708	0.61	ug/l	99
43) Isopropyl Acetate	8.095	43	24433	2.84	ug/l #	88
45) 1,2-Dichloropropane	9.203	63	1199	0.28	ug/l #	44
48) Methyl methacrylate	9.120	41	5646	1.50	ug/l #	10
51) 4-Methyl-2-Pentanone	9.927	43	7542	1.61	ug/l	92
52) Toluene	10.091	92	1993	0.21	ug/l	99
54) cis-1,3-Dichloropropene	9.844	75	41963	6.47	ug/l #	60
56) Ethyl methacrylate	10.321	69	82	3.18	ug/l #	27
57) 1,3-Dichloropropane	10.708	76	16374	2.61	ug/l #	43
59) 2-Hexanone	10.705	43	228445	76.70	ug/l #	50
71) Bromoform	12.344	173	1206	0.45	ug/l #	1
76) 1,2,3-Trichloropropane	12.346	75	101201	21.37	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.346	75	101201	58.33	ug/l #	12

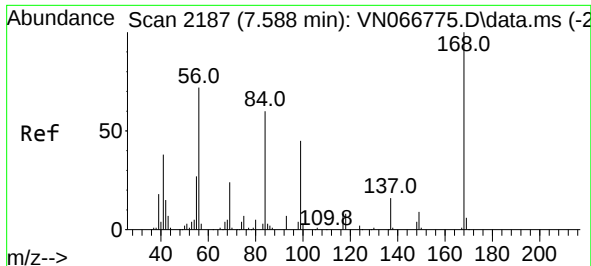
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 25 Sample Multiplier: 1

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ClientSampleId :

Quant Time: Apr 28 08:14:48 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042721W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 27 16:02:50 2021
Response via : Initial Calibration

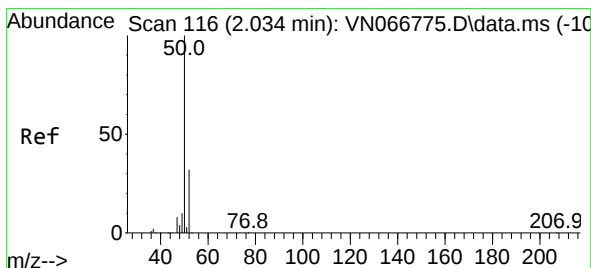
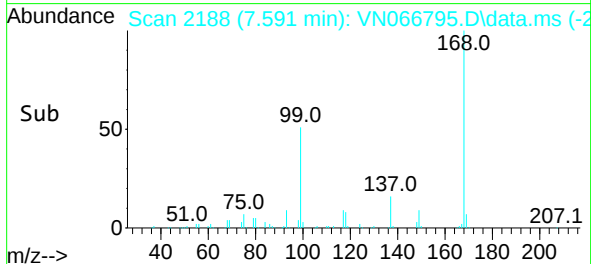
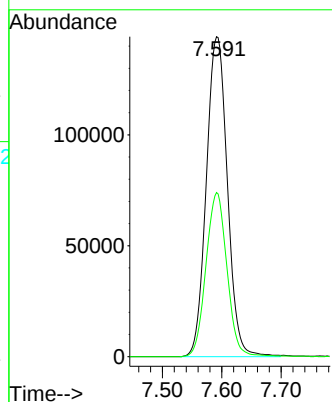
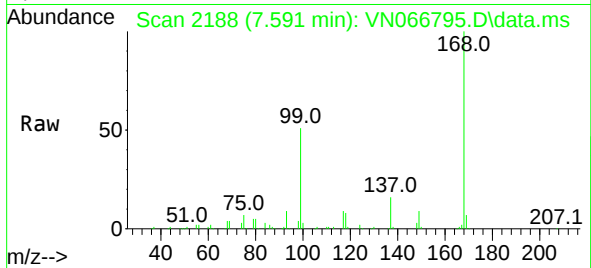




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. 0.003 min
Lab File: VN066795.D
Acq: 27 Apr 2021 20:49

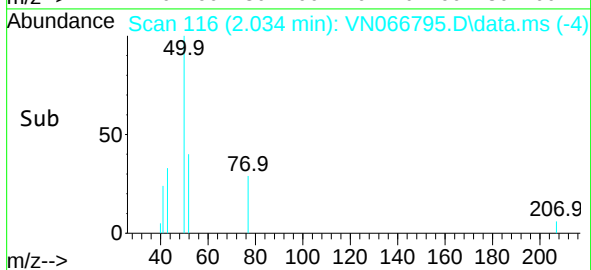
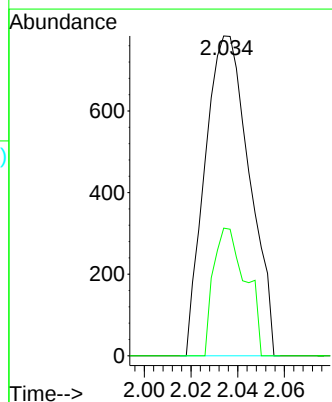
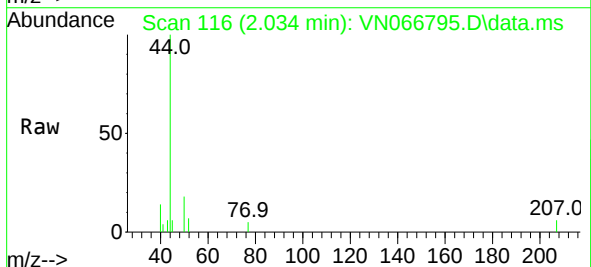
Instrument :
MSVOA_N
ClientSampleId :

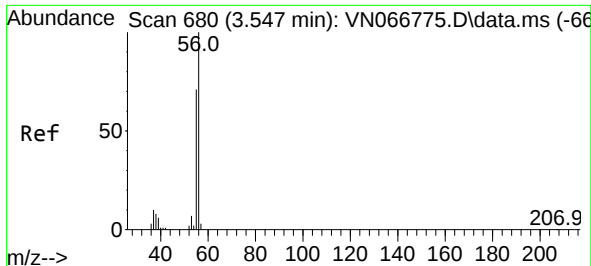
Tgt Ion:168 Resp: 355512
Ion Ratio Lower Upper
168 100
99 51.3 42.6 63.8



#3
Chloromethane
Concen: 0.21 ug/l
RT: 2.034 min Scan# 116
Delta R.T. 0.000 min
Lab File: VN066795.D
Acq: 27 Apr 2021 20:49

Tgt Ion: 50 Resp: 1037
Ion Ratio Lower Upper
50 100
52 39.9 25.8 38.8#

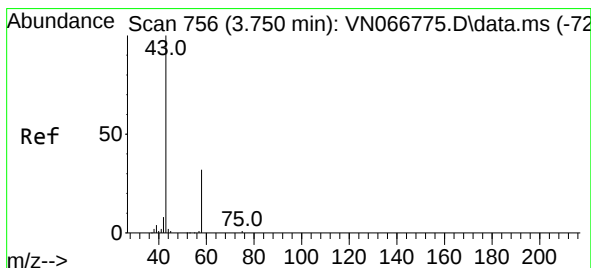
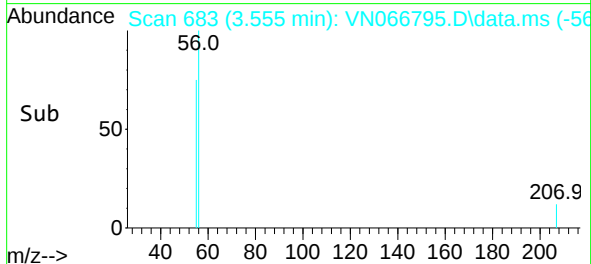
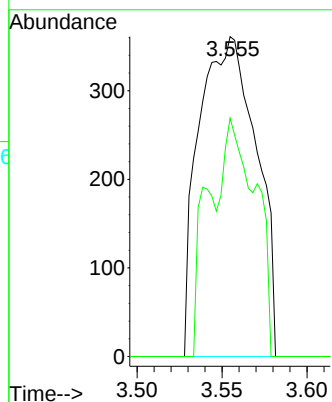
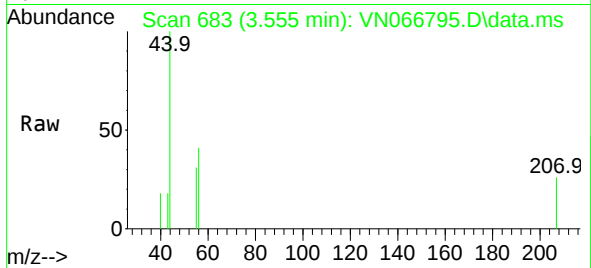




#13
Acrolein
Concen: 1.44 ug/l
RT: 3.555 min Scan# 683
Delta R.T. 0.008 min
Lab File: VN066795.D
Acq: 27 Apr 2021 20:49

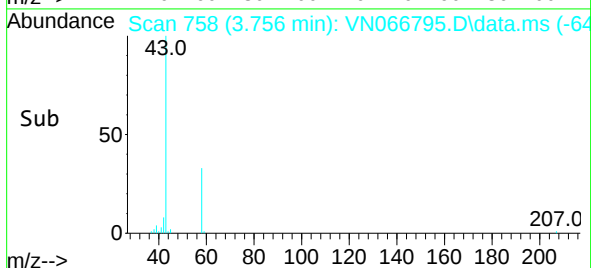
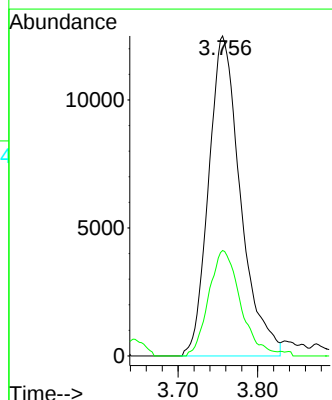
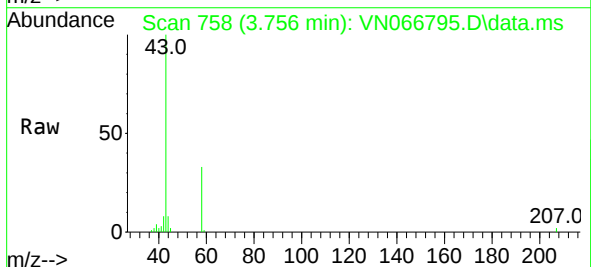
Instrument :
MSVOA_N
ClientSampled :

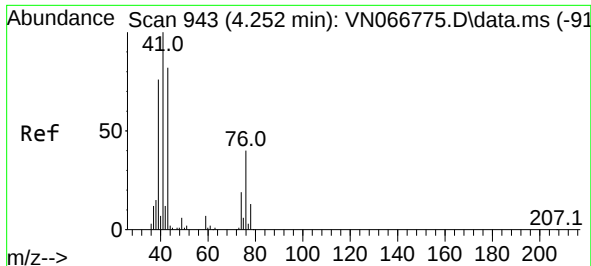
Tgt Ion: 56 Resp: 847
Ion Ratio Lower Upper
56 100
55 43.6 56.0 84.0#



#16
Acetone
Concen: 20.15 ug/l
RT: 3.756 min Scan# 758
Delta R.T. 0.006 min
Lab File: VN066795.D
Acq: 27 Apr 2021 20:49

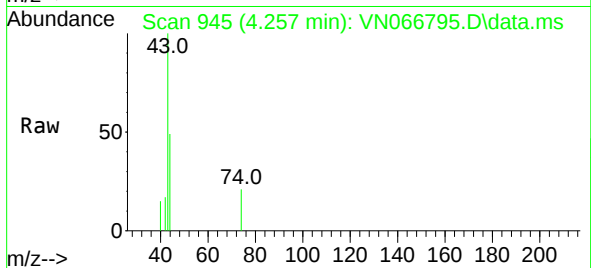
Tgt Ion: 43 Resp: 34722
Ion Ratio Lower Upper
43 100
58 32.9 27.0 40.6



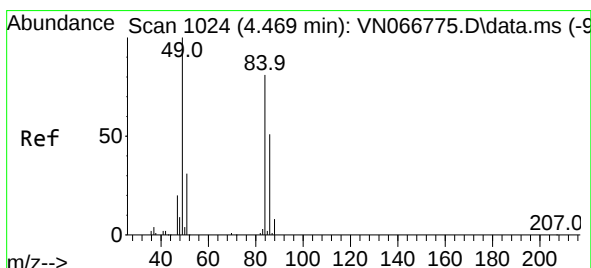
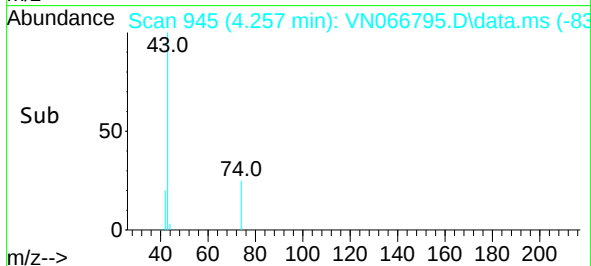
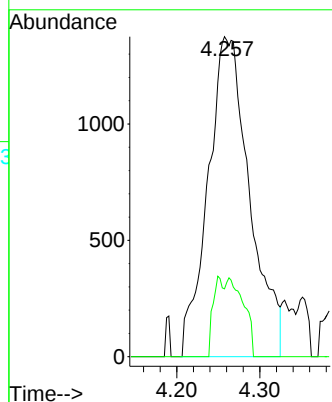


#18
Methyl Acetate
Concen: 2.12 ug/l
RT: 4.257 min Scan# 945
Delta R.T. 0.005 min
Lab File: VN066795.D
Acq: 27 Apr 2021 20:49

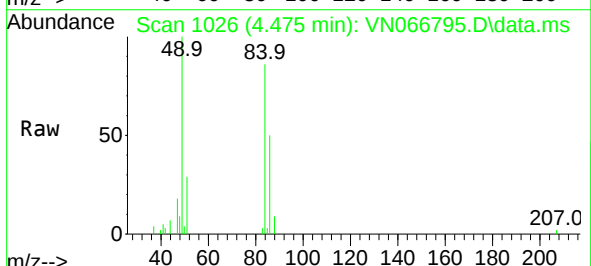
Instrument :
MSVOA_N
ClientSampled :



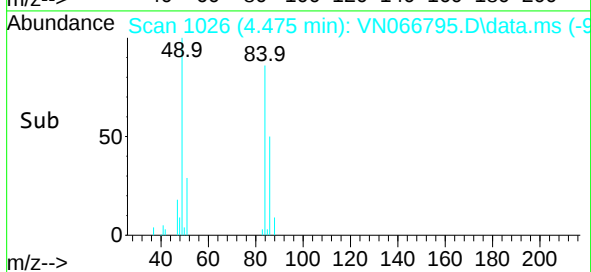
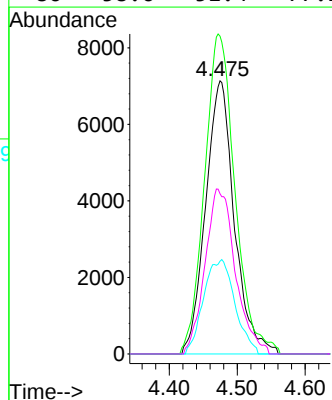
Tgt Ion: 43 Resp: 4802
Ion Ratio Lower Upper
43 100
74 6.6 19.5 29.3#

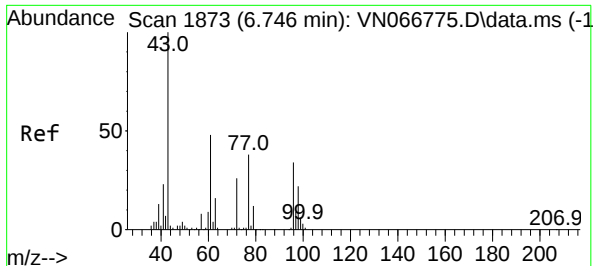


#20
Methylene Chloride
Concen: 4.81 ug/l
RT: 4.475 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN066795.D
Acq: 27 Apr 2021 20:49



Tgt Ion: 84 Resp: 20984
Ion Ratio Lower Upper
84 100
49 116.3 94.6 141.8
51 34.0 29.9 44.9
86 58.6 51.4 77.2

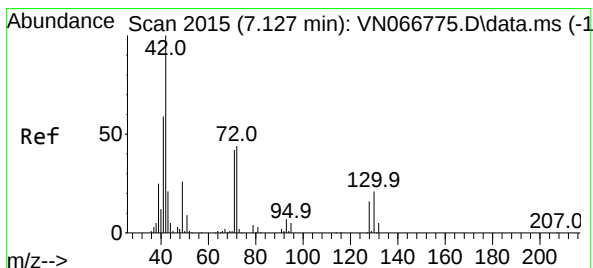
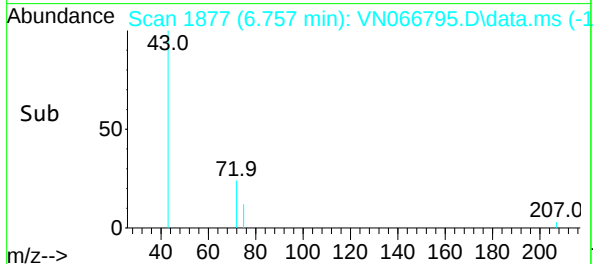
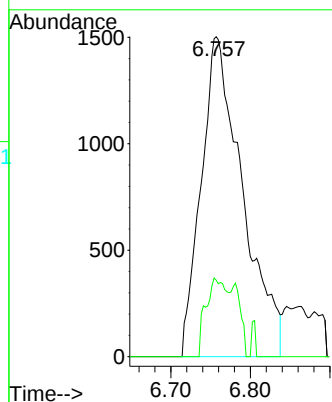
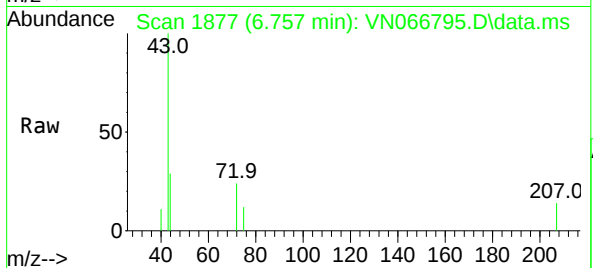




#25
2-Butanone
Concen: 2.23 ug/l
RT: 6.757 min Scan# 1877
Delta R.T. 0.011 min
Lab File: VN066795.D
Acq: 27 Apr 2021 20:49

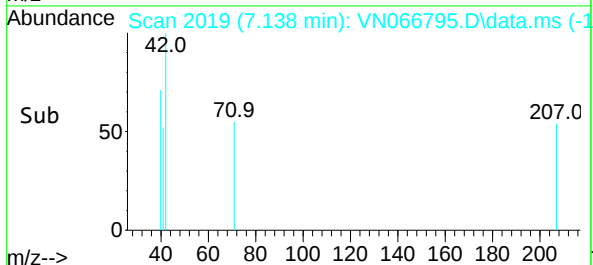
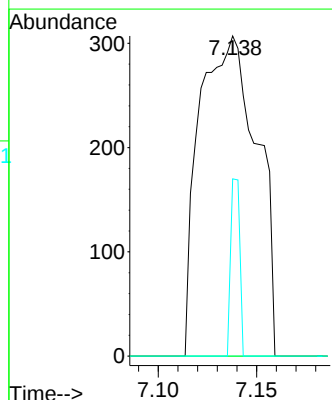
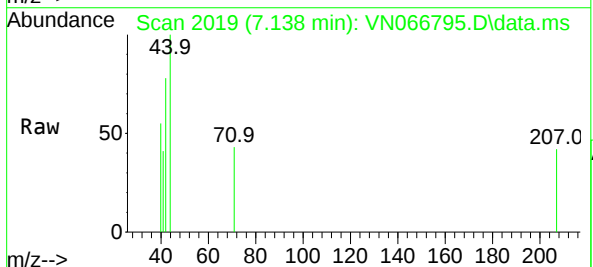
Instrument :
MSVOA_N
ClientSampled :

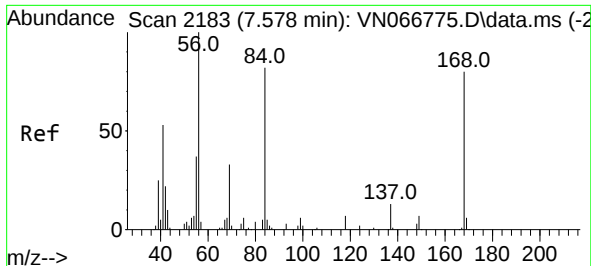
Tgt Ion: 43 Resp: 5411
Ion Ratio Lower Upper
43 100
72 23.9 23.1 34.7



#29
Tetrahydrofuran
Concen: 0.38 ug/l
RT: 7.138 min Scan# 2019
Delta R.T. 0.011 min
Lab File: VN066795.D
Acq: 27 Apr 2021 20:49

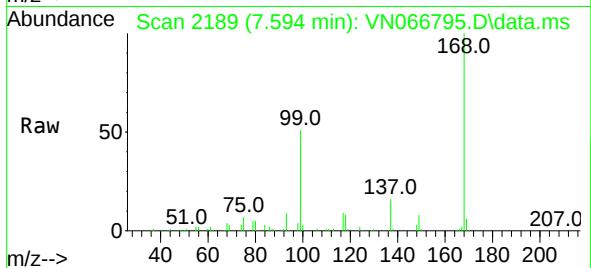
Tgt Ion: 42 Resp: 622
Ion Ratio Lower Upper
42 100
72 0.0 36.6 55.0#
71 8.8 34.3 51.5#



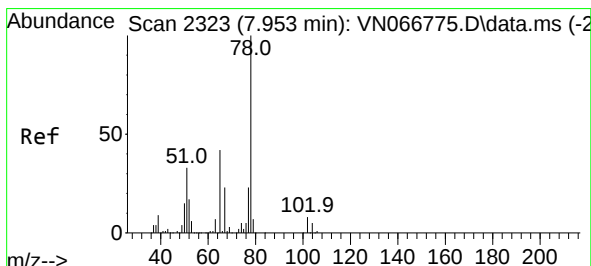
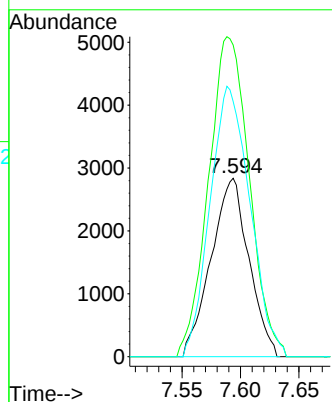
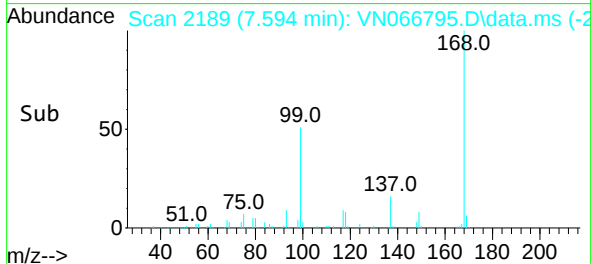


#31
Cyclohexane
Concen: 0.91 ug/l
RT: 7.594 min Scan# 2189
Delta R.T. 0.016 min
Lab File: VN066795.D
Acq: 27 Apr 2021 20:49

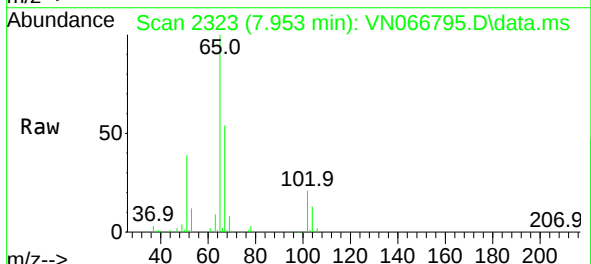
Instrument :
MSVOA_N
ClientSampleId :



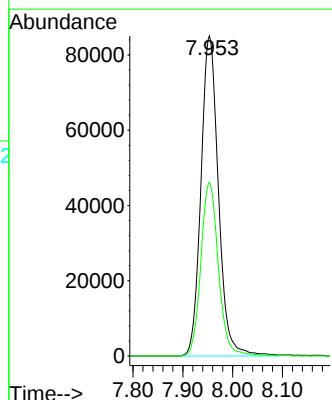
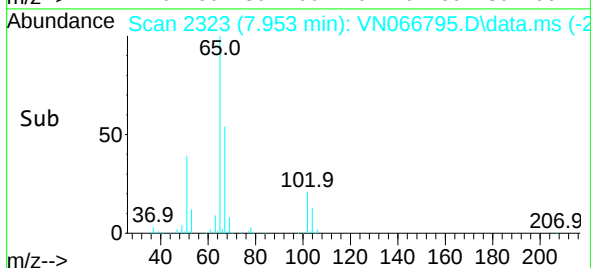
Tgt Ion: 56 Resp: 6395
Ion Ratio Lower Upper
56 100
69 169.2 26.6 39.8#
84 143.0 70.4 105.6#

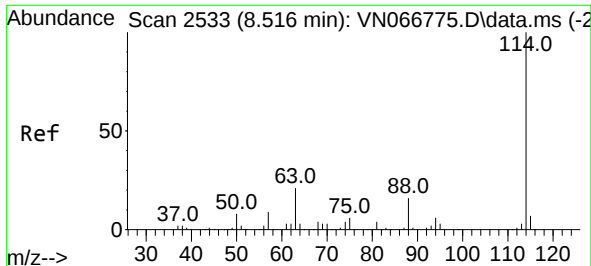


#33
1,2-Dichloroethane-d4
Concen: 45.42 ug/l
RT: 7.953 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VN066795.D
Acq: 27 Apr 2021 20:49



Tgt Ion: 65 Resp: 207467
Ion Ratio Lower Upper
65 100
67 54.2 0.0 107.2

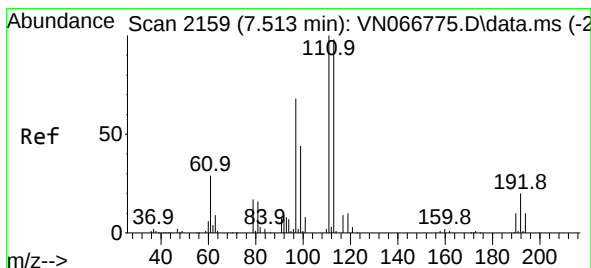
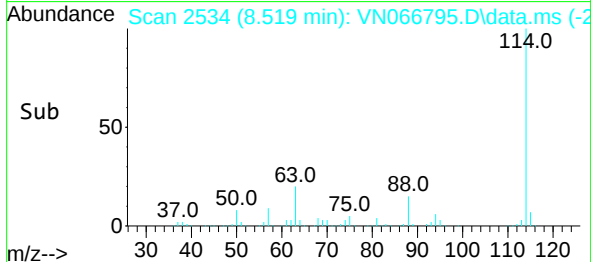
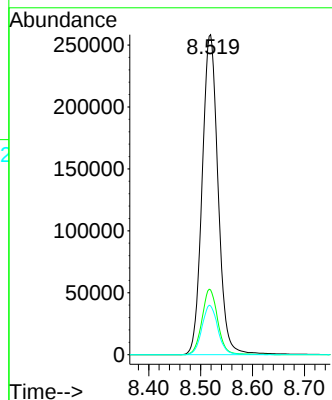
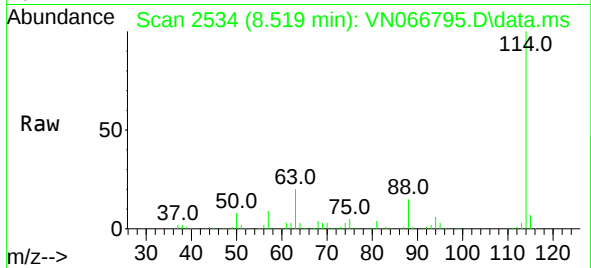




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.519 min Scan# 2534
Delta R.T. 0.003 min
Lab File: VN066795.D
Acq: 27 Apr 2021 20:49

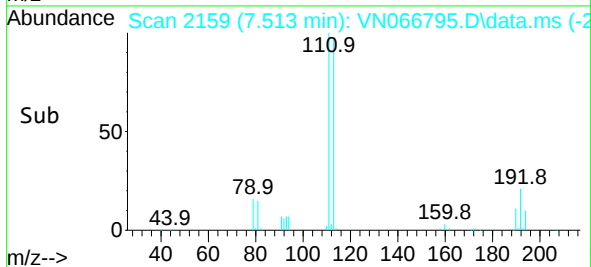
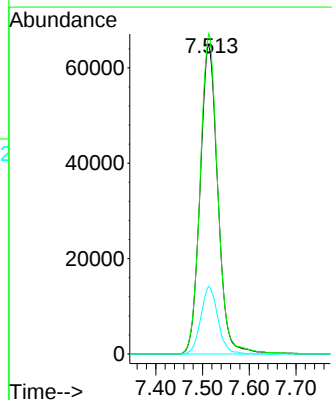
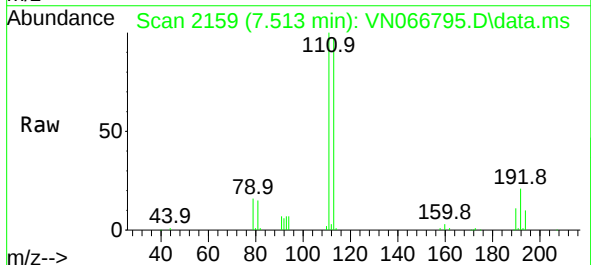
Instrument :
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ClientSampleId :

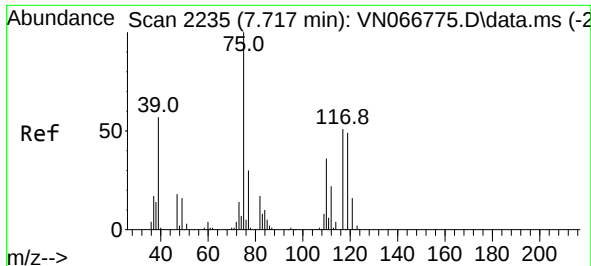
Tgt Ion:114 Resp: 549369
Ion Ratio Lower Upper
114 100
63 20.3 0.0 38.6
88 15.3 0.0 30.6



#35
Dibromofluoromethane
Concen: 50.46 ug/l
RT: 7.513 min Scan# 2159
Delta R.T. 0.000 min
Lab File: VN066795.D
Acq: 27 Apr 2021 20:49

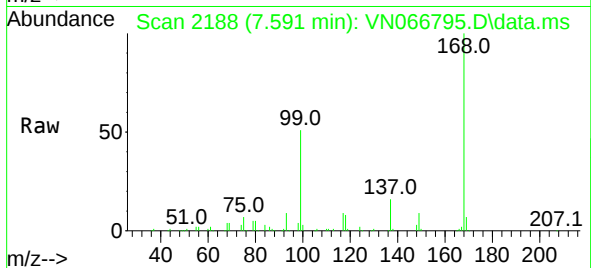
Tgt Ion:113 Resp: 171133
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.2
192 20.9 15.4 23.0



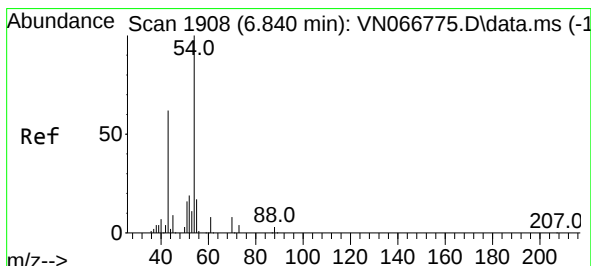
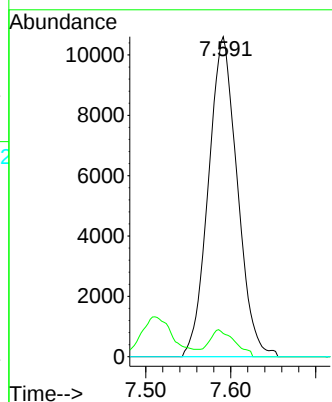
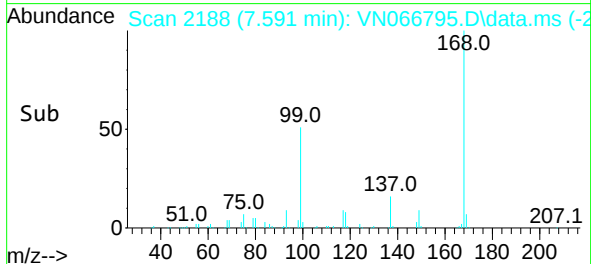


#36
1,1-Dichloropropene
Concen: 4.91 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. -0.126 min
Lab File: VN066795.D
Acq: 27 Apr 2021 20:49

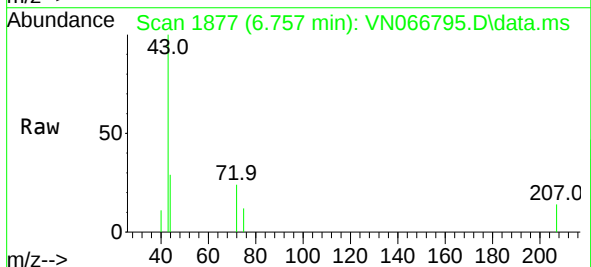
Instrument :
MSVOA_N
ClientSampled :



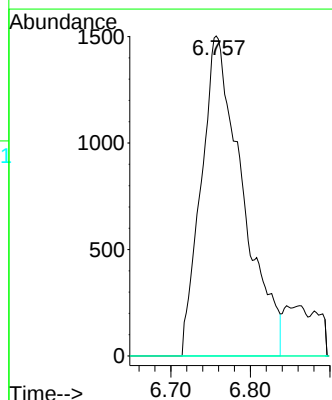
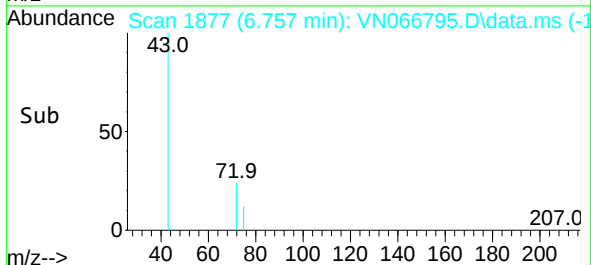
Tgt Ion: 75 Resp: 25045
Ion Ratio Lower Upper
75 100
110 7.4 18.2 54.6#
77 0.0 24.9 37.3#

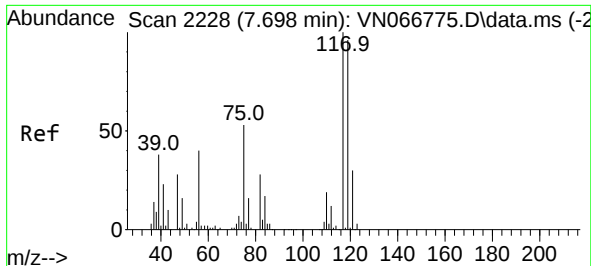


#37
Ethyl Acetate
Concen: 1.00 ug/l
RT: 6.757 min Scan# 1877
Delta R.T. -0.083 min
Lab File: VN066795.D
Acq: 27 Apr 2021 20:49



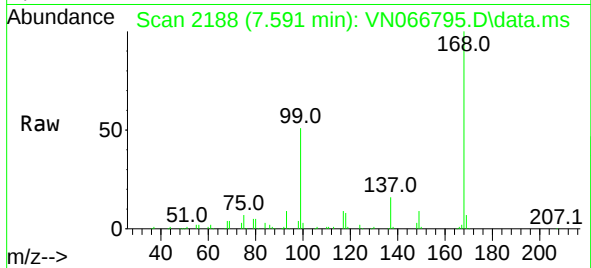
Tgt Ion: 43 Resp: 5411
Ion Ratio Lower Upper
43 100
61 0.0 11.6 17.4#
70 0.0 8.6 13.0#



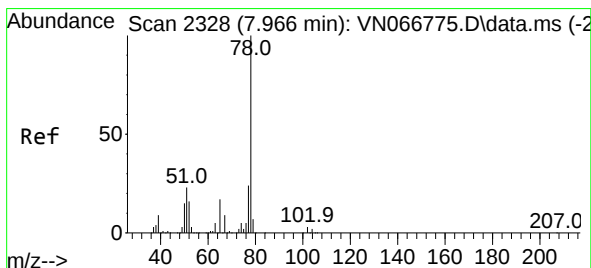
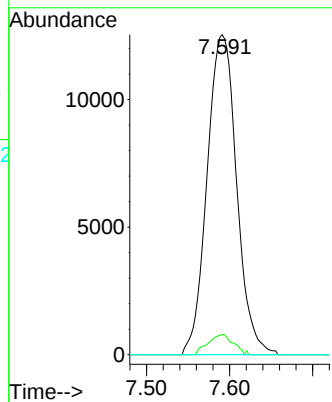
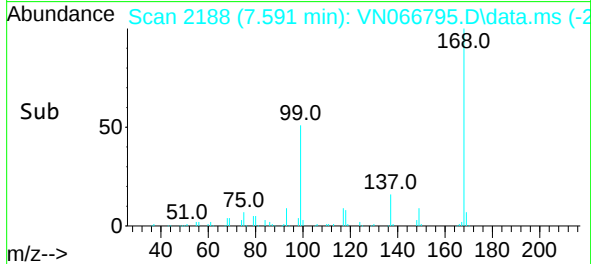


#38
Carbon Tetrachloride
Concen: 6.34 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. -0.107 min
Lab File: VN066795.D
Acq: 27 Apr 2021 20:49

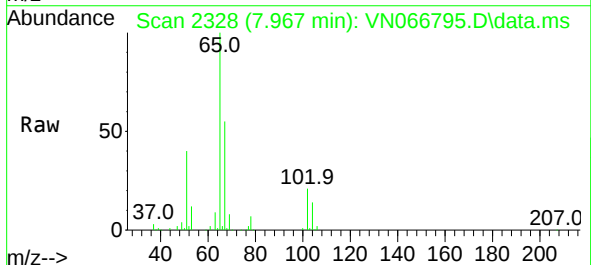
Instrument :
MSVOA_N
ClientSampled :



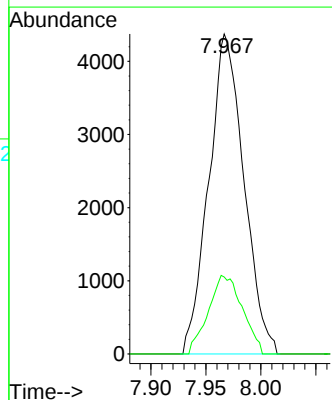
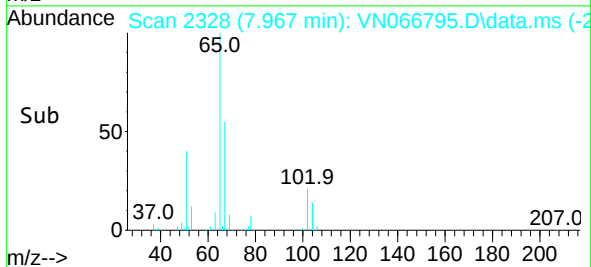
Tgt Ion:117 Resp: 31020
Ion Ratio Lower Upper
117 100
119 6.3 76.0 114.0#
121 0.0 24.5 36.7#

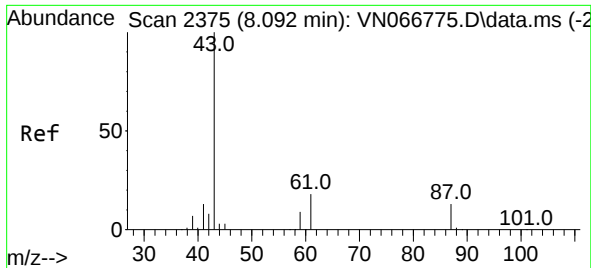


#40
Benzene
Concen: 0.61 ug/l
RT: 7.967 min Scan# 2328
Delta R.T. 0.001 min
Lab File: VN066795.D
Acq: 27 Apr 2021 20:49



Tgt Ion: 78 Resp: 9708
Ion Ratio Lower Upper
78 100
77 24.1 19.0 28.4

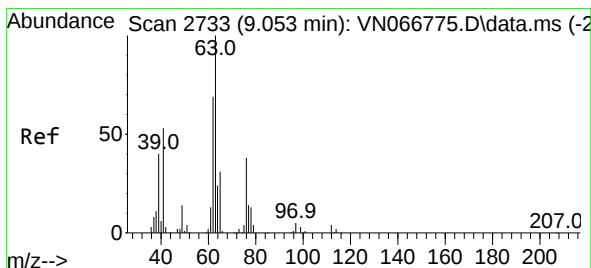
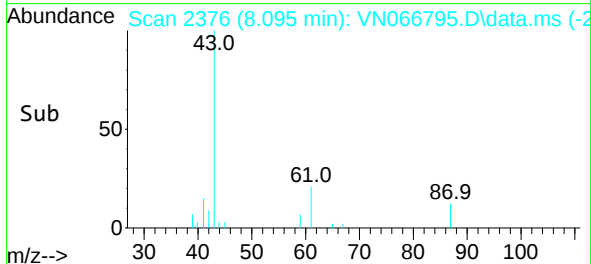
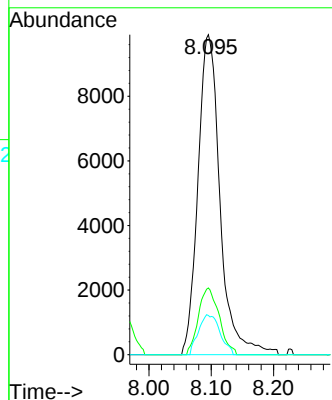
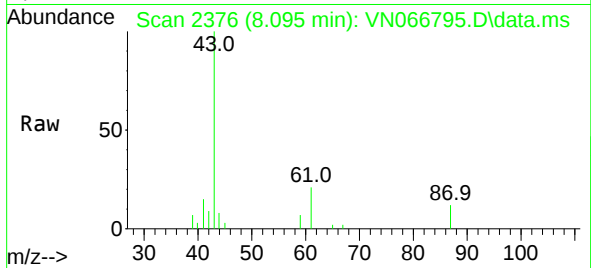




#43
Isopropyl Acetate
Concen: 2.84 ug/l
RT: 8.095 min Scan# 2376
Delta R.T. 0.003 min
Lab File: VN066795.D
Acq: 27 Apr 2021 20:49

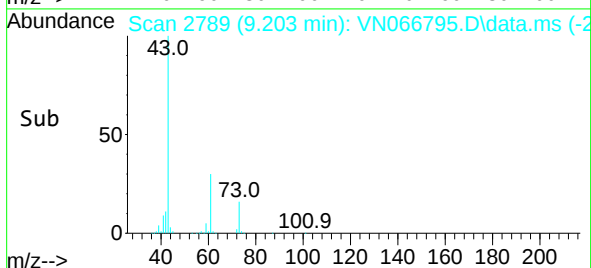
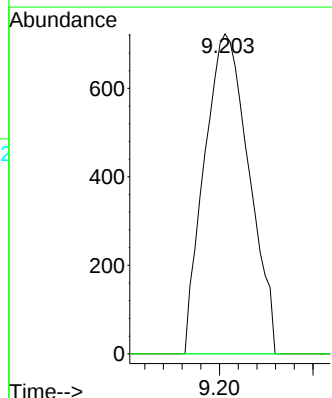
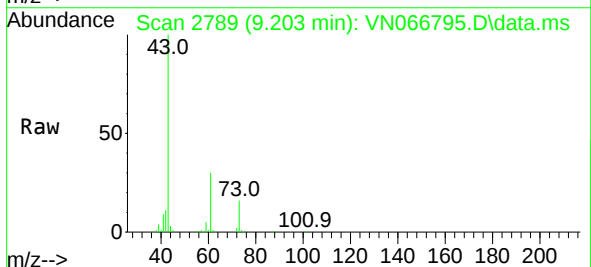
Instrument :
MSVOA_N
ClientSampled :

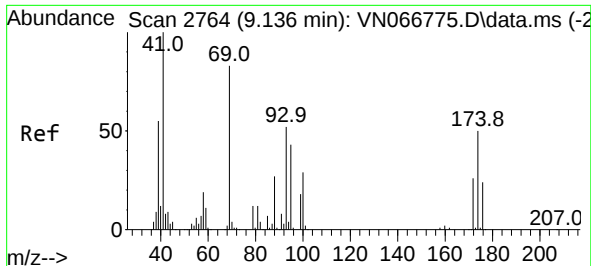
Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.6	22.5	33.7#
87	12.1	11.1	16.7



#45
1,2-Dichloropropane
Concen: 0.28 ug/l
RT: 9.203 min Scan# 2789
Delta R.T. 0.150 min
Lab File: VN066795.D
Acq: 27 Apr 2021 20:49

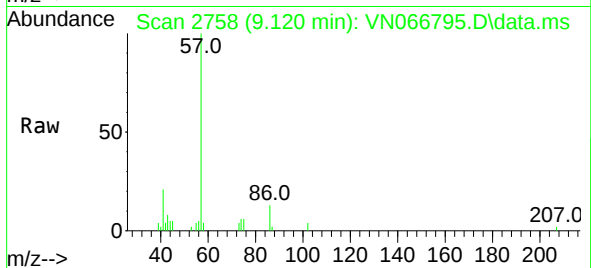
Tgt Ion	Ratio	Lower	Upper
63	100		
65	0.0	24.9	37.3#



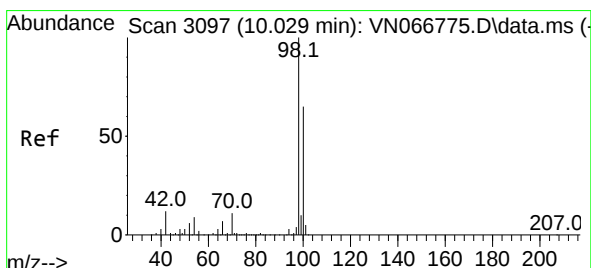
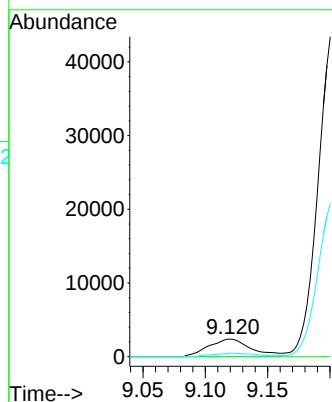
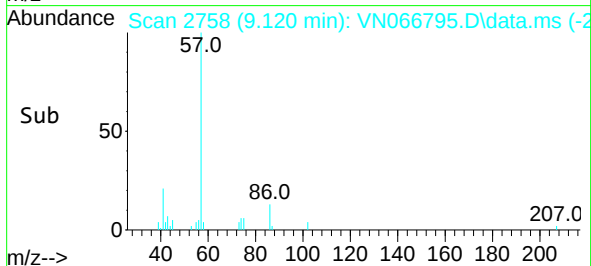


#48
Methyl methacrylate
Concen: 1.50 ug/l
RT: 9.120 min Scan# 2758
Delta R.T. -0.016 min
Lab File: VN066795.D
Acq: 27 Apr 2021 20:49

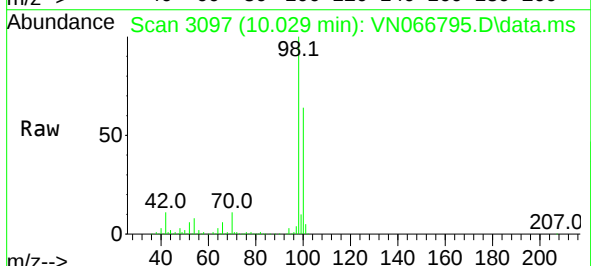
Instrument :
MSVOA_N
ClientSampled :



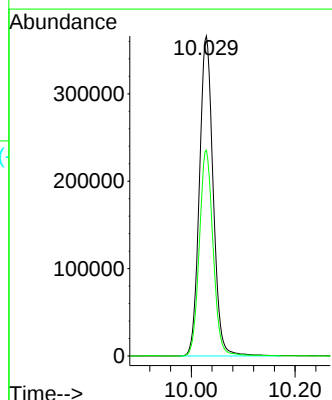
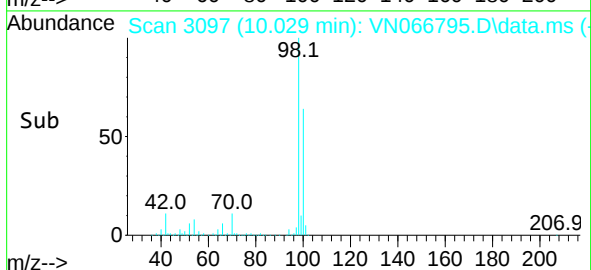
Tgt Ion: 41 Resp: 5646
Ion Ratio Lower Upper
41 100
69 0.0 75.9 113.9#
39 0.0 46.6 69.8#

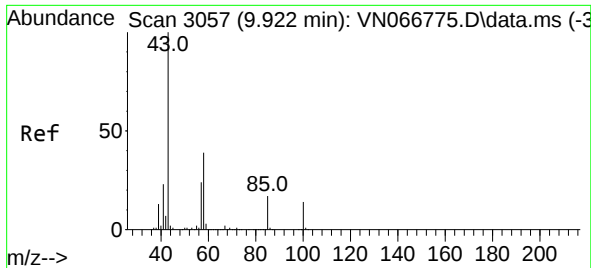


#50
Toluene-d8
Concen: 50.54 ug/l
RT: 10.029 min Scan# 3097
Delta R.T. -0.000 min
Lab File: VN066795.D
Acq: 27 Apr 2021 20:49



Tgt Ion: 98 Resp: 672724
Ion Ratio Lower Upper
98 100
100 64.4 50.5 75.7

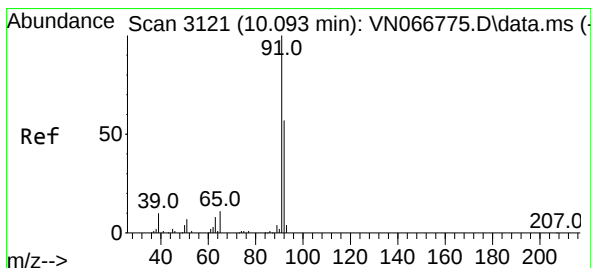
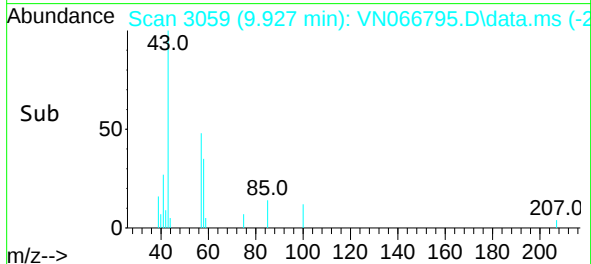
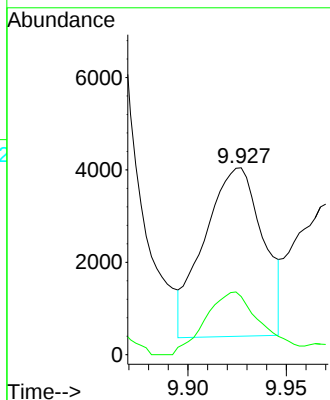
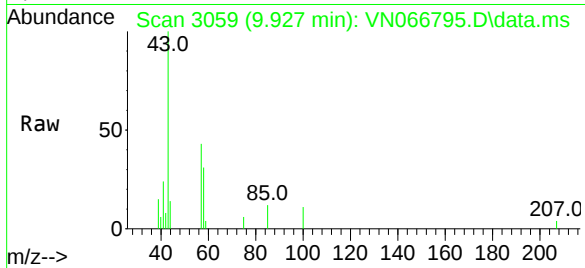




#51
4-Methyl-2-Pentanone
Concen: 1.61 ug/l
RT: 9.927 min Scan# 3059
Delta R.T. 0.005 min
Lab File: VN066795.D
Acq: 27 Apr 2021 20:49

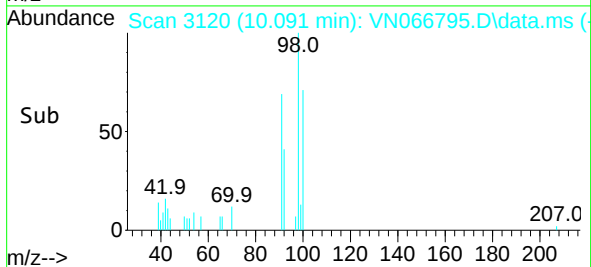
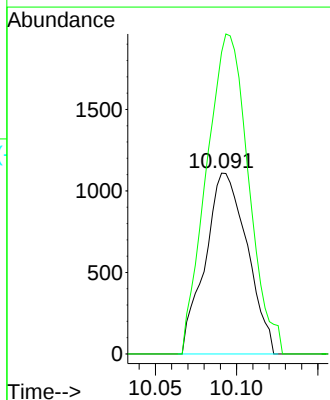
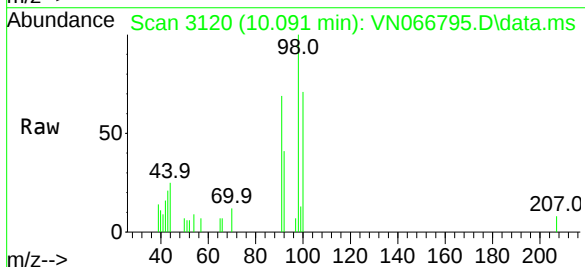
Instrument :
MSVOA_N
ClientSampled :

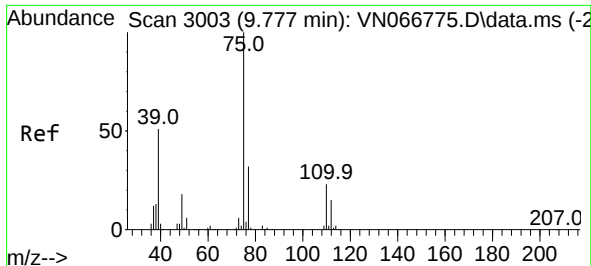
Tgt Ion: 43 Resp: 7542
Ion Ratio Lower Upper
43 100
58 35.9 32.5 48.7



#52
Toluene
Concen: 0.21 ug/l
RT: 10.091 min Scan# 3120
Delta R.T. -0.002 min
Lab File: VN066795.D
Acq: 27 Apr 2021 20:49

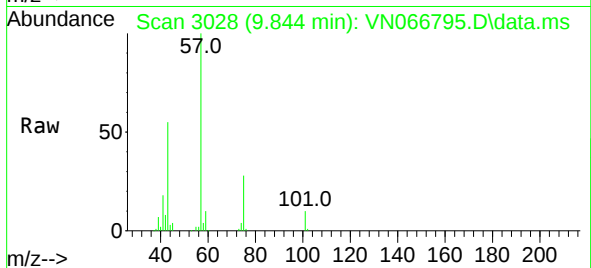
Tgt Ion: 92 Resp: 1993
Ion Ratio Lower Upper
92 100
91 177.1 140.7 211.1



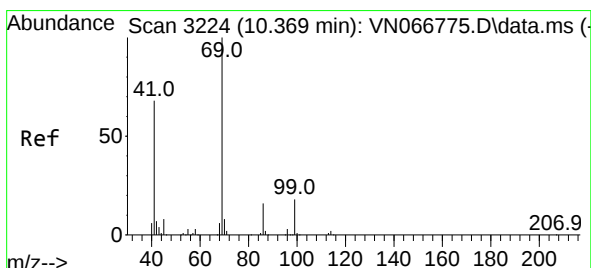
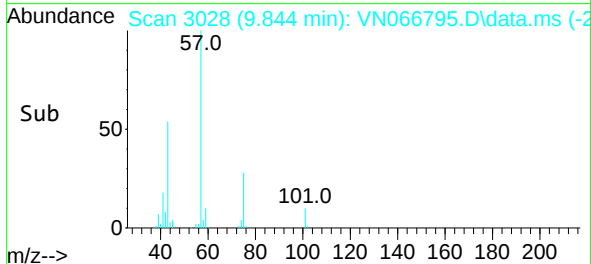
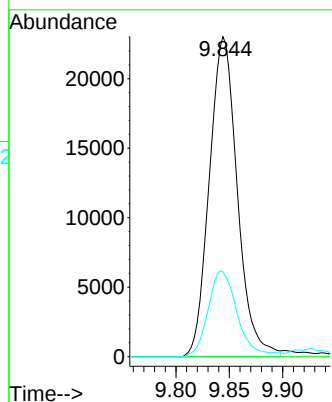


#54
cis-1,3-Dichloropropene
Concen: 6.47 ug/l
RT: 9.844 min Scan# 3028
Delta R.T. 0.067 min
Lab File: VN066795.D
Acq: 27 Apr 2021 20:49

Instrument :
MSVOA_N
ClientSampled :

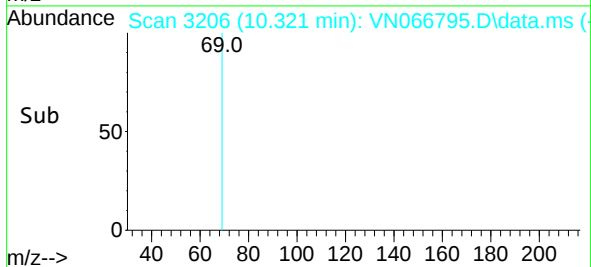
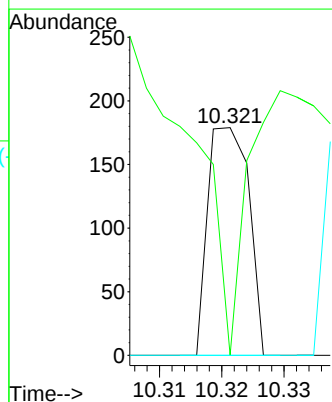
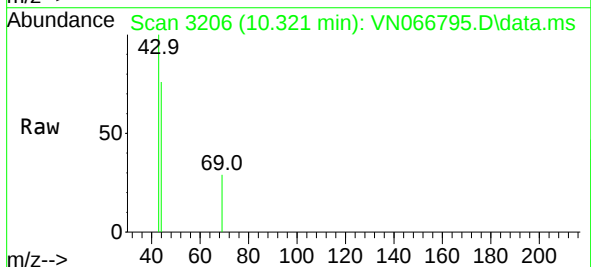


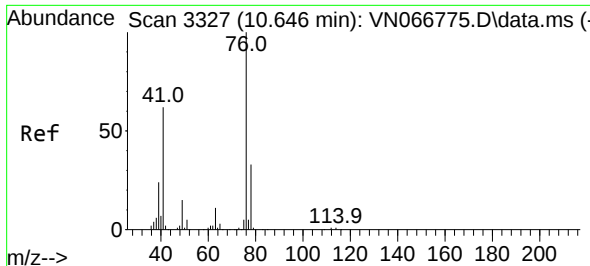
Tgt Ion: 75 Resp: 41963
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#
39 26.5 36.2 54.4#



#56
Ethyl methacrylate
Concen: 3.18 ug/l
RT: 10.321 min Scan# 3206
Delta R.T. -0.048 min
Lab File: VN066795.D
Acq: 27 Apr 2021 20:49

Tgt Ion: 69 Resp: 82
Ion Ratio Lower Upper
69 100
41 0.0 49.6 74.4#
39 0.0 28.0 42.0#

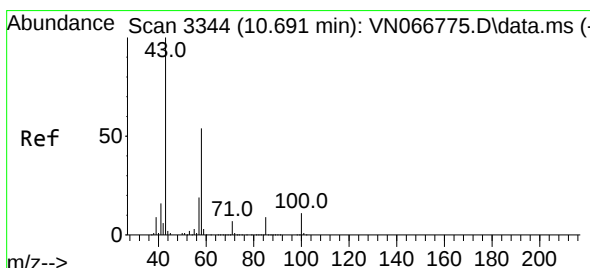
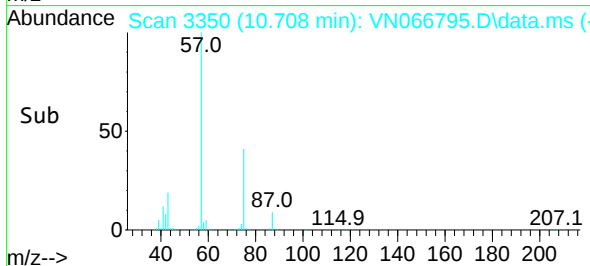
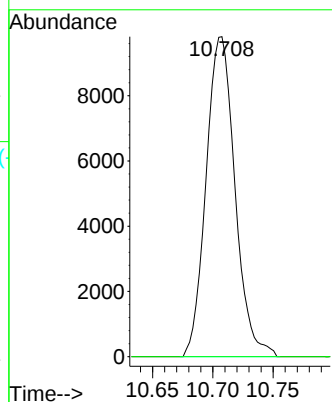
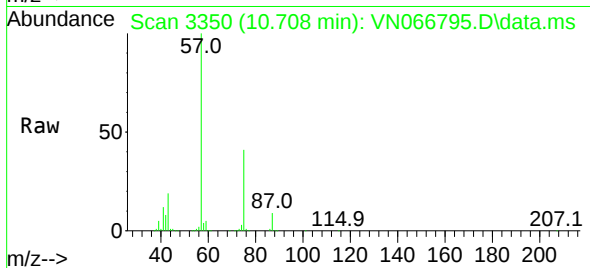




#57
1,3-Dichloropropane
Concen: 2.61 ug/l
RT: 10.708 min Scan# 3350
Delta R.T. 0.062 min
Lab File: VN066795.D
Acq: 27 Apr 2021 20:49

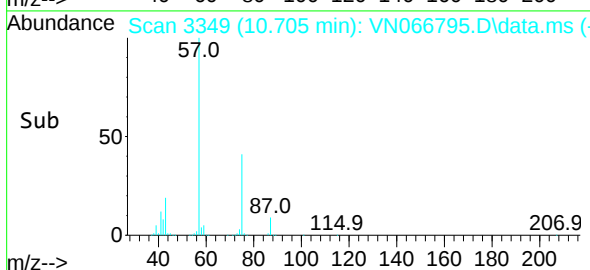
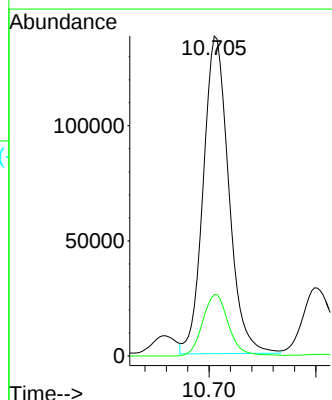
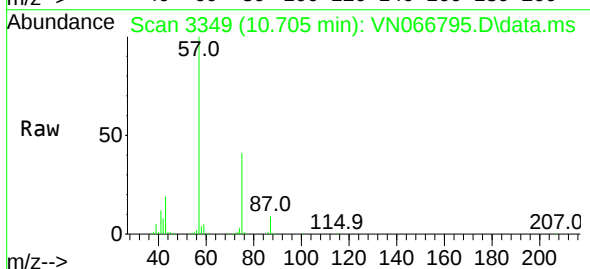
Instrument :
MSVOA_N
ClientSampled :

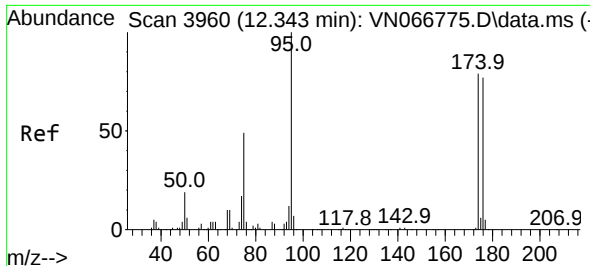
Tgt Ion: 76 Resp: 16374
Ion Ratio Lower Upper
76 100
78 0.0 25.7 38.5#



#59
2-Hexanone
Concen: 76.70 ug/l
RT: 10.705 min Scan# 3349
Delta R.T. 0.014 min
Lab File: VN066795.D
Acq: 27 Apr 2021 20:49

Tgt Ion: 43 Resp: 228445
Ion Ratio Lower Upper
43 100
58 19.7 28.1 84.3#

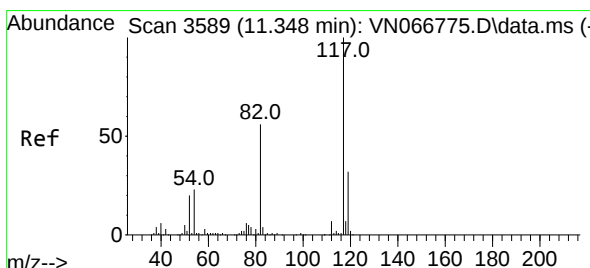
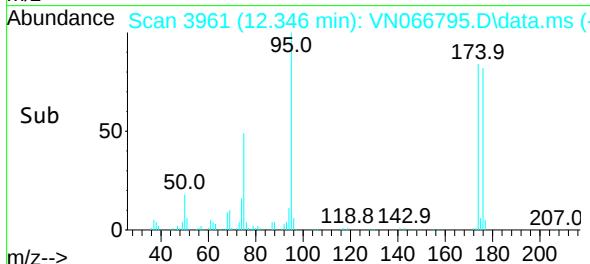
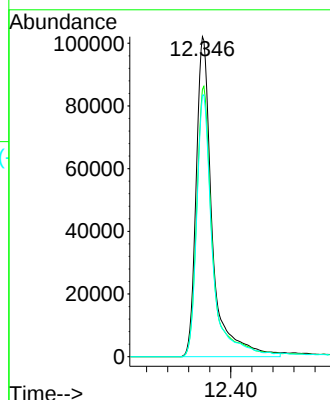
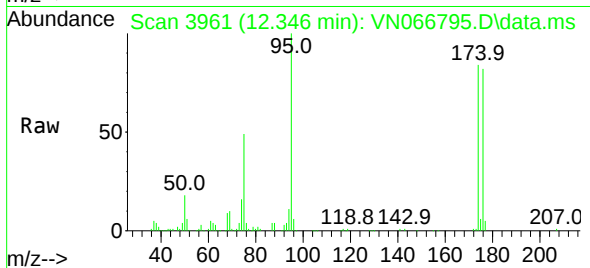




#62
4-Bromofluorobenzene
Concen: 48.00 ug/l
RT: 12.346 min Scan# 3961
Delta R.T. 0.003 min
Lab File: VN066795.D
Acq: 27 Apr 2021 20:49

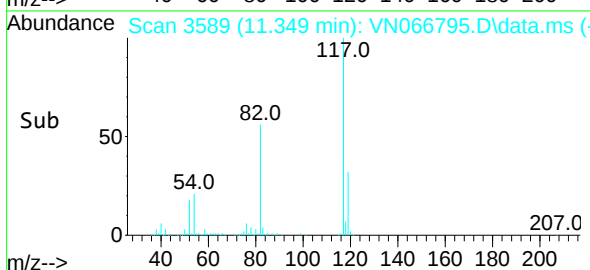
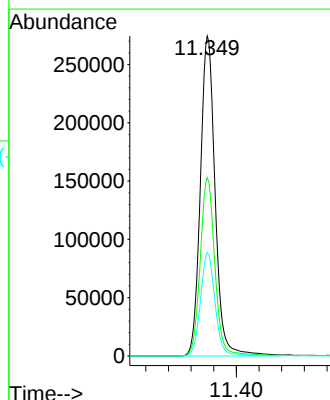
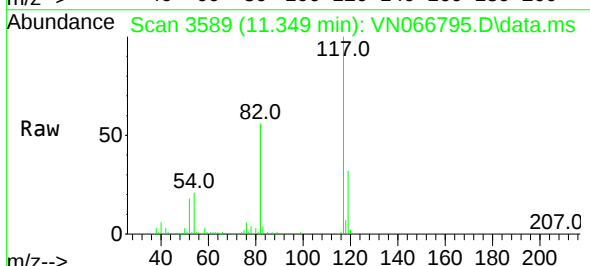
Instrument :
MSVOA_N
ClientSampleId :

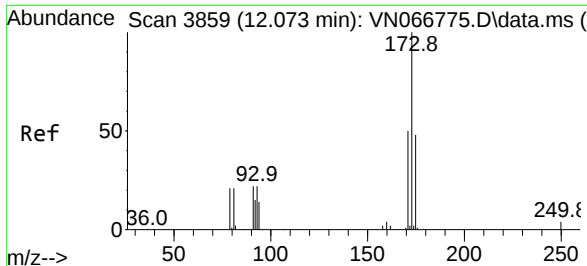
Tgt Ion: 95 Resp: 216186
Ion Ratio Lower Upper
95 100
174 83.5 0.0 169.0
176 79.9 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.349 min Scan# 3589
Delta R.T. 0.001 min
Lab File: VN066795.D
Acq: 27 Apr 2021 20:49

Tgt Ion: 117 Resp: 497702
Ion Ratio Lower Upper
117 100
82 55.7 43.7 65.5
119 32.3 26.1 39.1

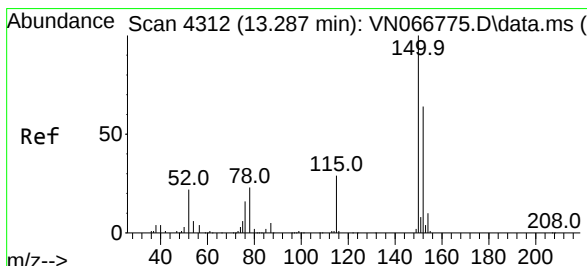
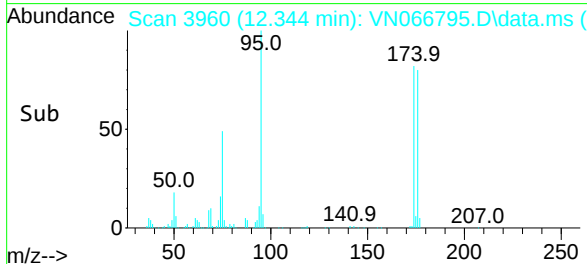
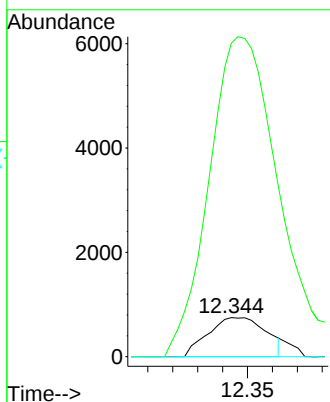
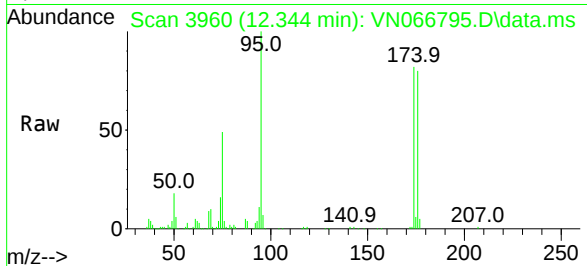




#71
Bromoform
Concen: 0.45 ug/l
RT: 12.344 min Scan# 3960
Delta R.T. 0.271 min
Lab File: VN066795.D
Acq: 27 Apr 2021 20:49

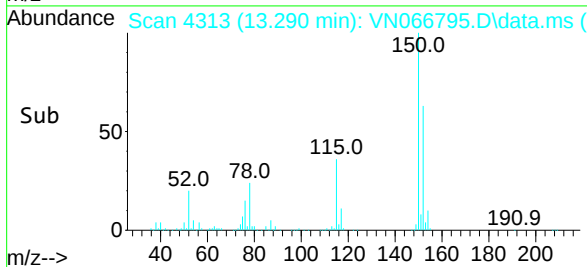
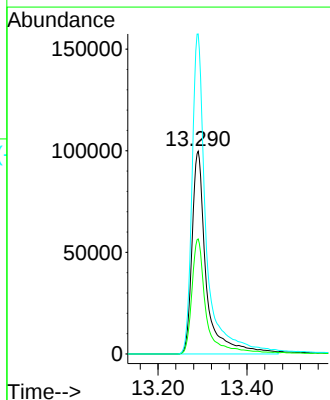
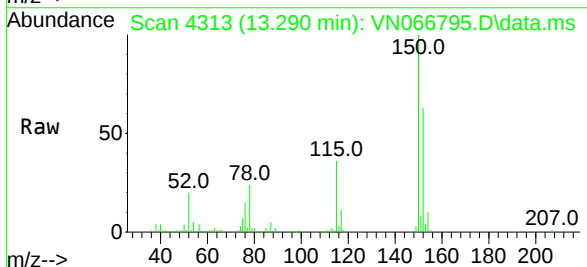
Instrument :
MSVOA_N
ClientSampleId :

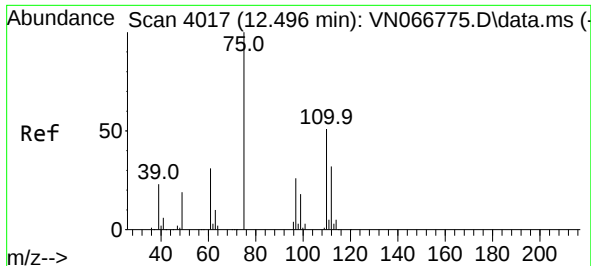
Tgt Ion:173 Resp: 1206
Ion Ratio Lower Upper
173 100
175 846.0 23.8 71.2#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.290 min Scan# 4313
Delta R.T. 0.003 min
Lab File: VN066795.D
Acq: 27 Apr 2021 20:49

Tgt Ion:152 Resp: 224677
Ion Ratio Lower Upper
152 100
115 55.6 28.5 85.6
150 155.7 0.0 347.6

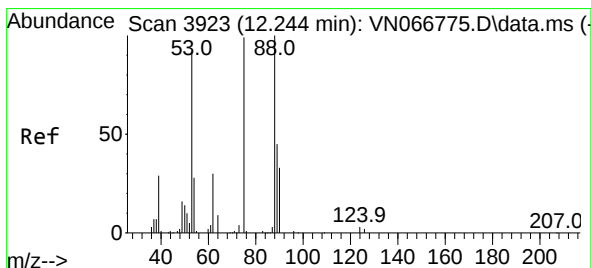
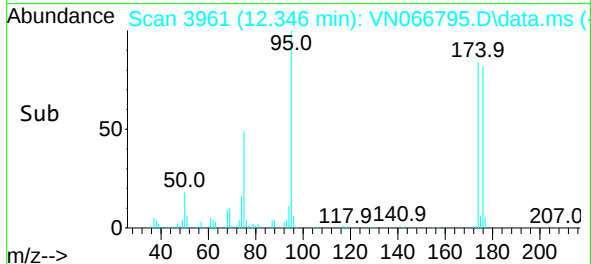
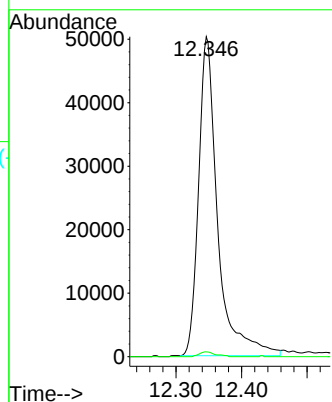
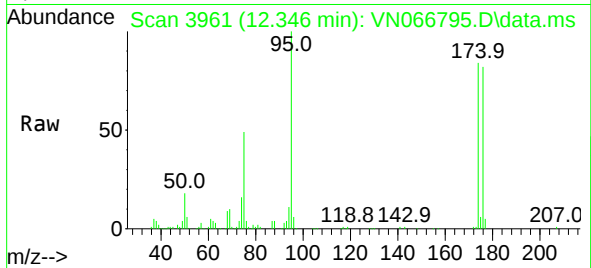




#76
1,2,3-Trichloropropane
Concen: 21.37 ug/l
RT: 12.346 min Scan# 3961
Delta R.T. -0.150 min
Lab File: VN066795.D
Acq: 27 Apr 2021 20:49

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion: 75 Resp: 101201
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 58.33 ug/l
RT: 12.346 min Scan# 3961
Delta R.T. 0.102 min
Lab File: VN066795.D
Acq: 27 Apr 2021 20:49

Tgt Ion: 75 Resp: 101201
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.1 35.8 53.8#

