

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042821\
 Data File : VN066846.D
 Acq On : 29 Apr 2021 5:41
 Operator : JC/MD
 Sample : M2187-05
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 29 07:46:21 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)

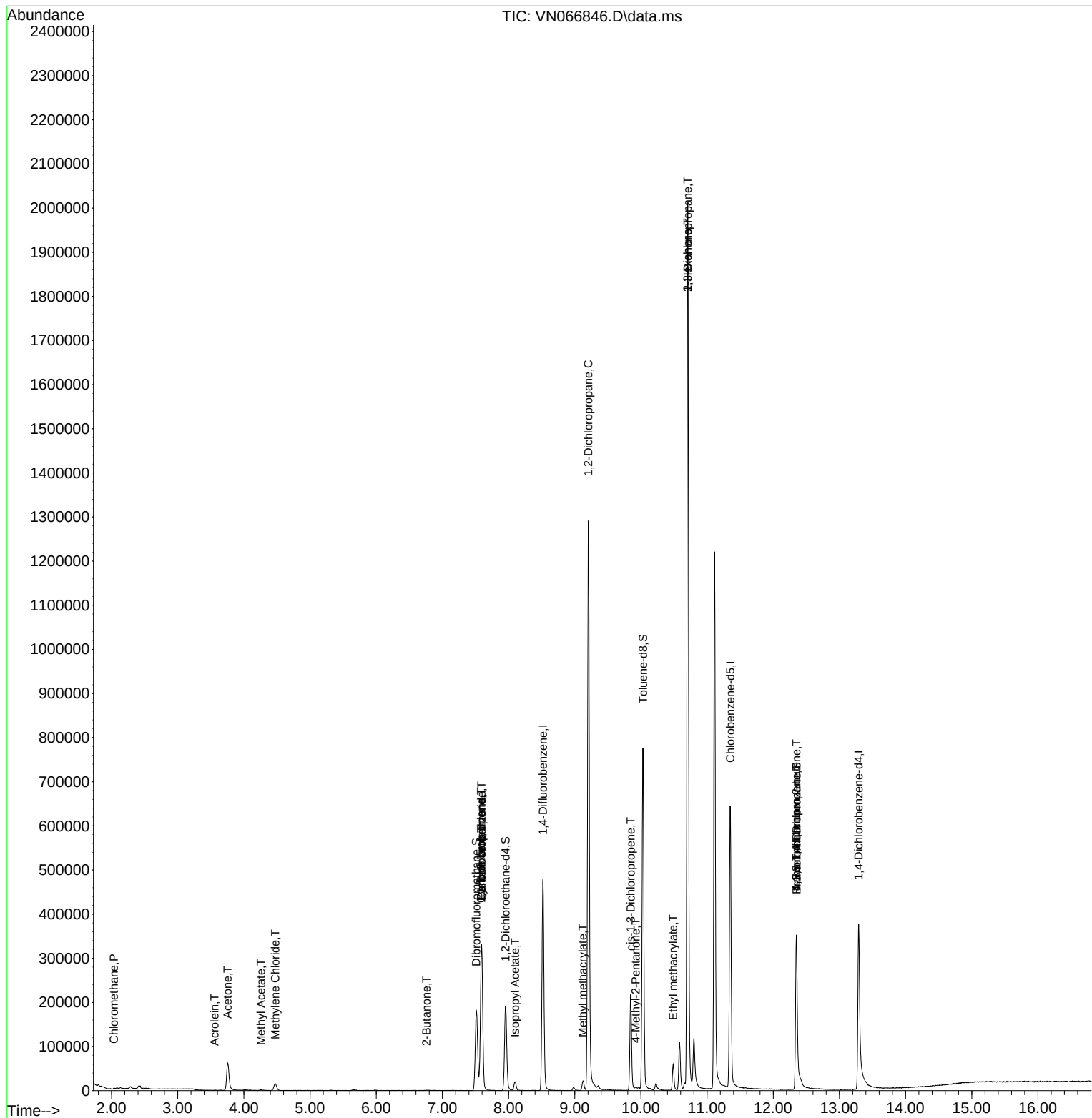
Internal Standards						
1) Pentafluorobenzene	7.591	168	299419	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.519	114	454857	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.351	117	417176	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.290	152	158631	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.953	65	166052	43.16	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 86.32%			
35) Dibromofluoromethane	7.513	113	146285	52.10	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 104.20%			
50) Toluene-d8	10.032	98	571214	51.83	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 103.66%			
62) 4-Bromofluorobenzene	12.349	95	157583	42.26	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 84.52%			
Target Compounds						Qvalue
3) Chloromethane	2.037	50	908	0.21	ug/l #	82
13) Acrolein	3.555	56	342	0.69	ug/l #	63
16) Acetone	3.756	43	104845	72.24	ug/l	99
18) Methyl Acetate	4.257	43	3031	1.87	ug/l #	76
20) Methylene Chloride	4.475	84	12682	3.45	ug/l	97
25) 2-Butanone	6.757	43	904	0.44	ug/l #	46
31) Cyclohexane	7.588	56	4741	0.80	ug/l #	1
36) 1,1-Dichloropropene	7.588	75	19228	4.55	ug/l #	45
38) Carbon Tetrachloride	7.591	117	25405	6.27	ug/l #	16
43) Isopropyl Acetate	8.098	43	25557	3.58	ug/l #	89
45) 1,2-Dichloropropane	9.206	63	1647	0.47	ug/l #	44
48) Methyl methacrylate	9.120	41	5446	1.75	ug/l #	10
51) 4-Methyl-2-Pentanone	9.922	43	5194	1.34	ug/l	94
54) cis-1,3-Dichloropropene	9.847	75	43985	8.18	ug/l #	59
56) Ethyl methacrylate	10.488	69	597	3.28	ug/l #	1
57) 1,3-Dichloropropane	10.708	76	21692	4.18	ug/l #	43
59) 2-Hexanone	10.708	43	271617	101.62	ug/l #	52
71) Bromoform	12.352	173	1050	0.46	ug/l #	1
76) 1,2,3-Trichloropropane	12.349	75	74473	22.27	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.349	75	74473	60.49	ug/l #	12

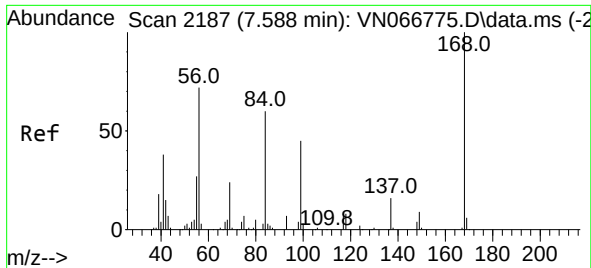
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

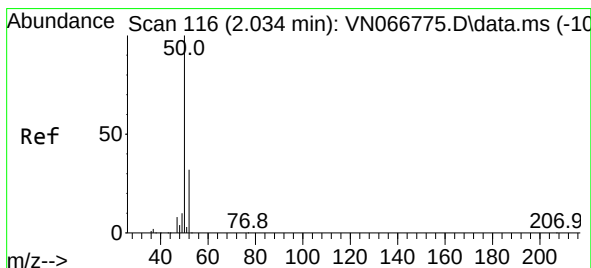
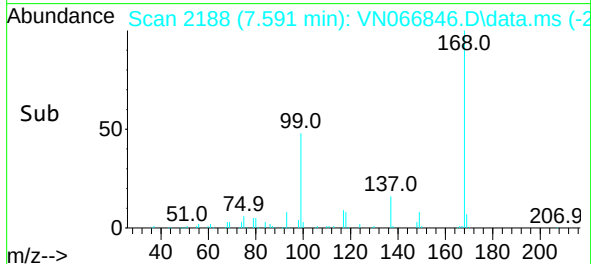
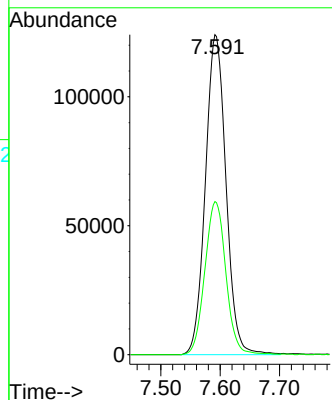
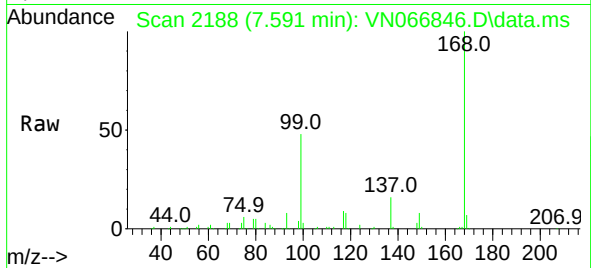




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. 0.003 min
Lab File: VN066846.D
Acq: 29 Apr 2021 5:41

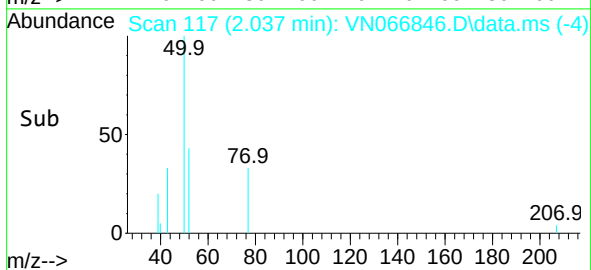
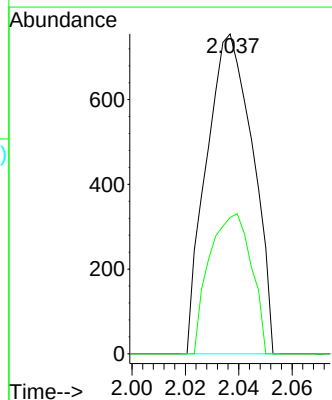
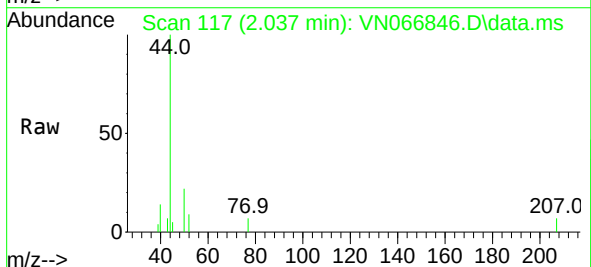
Instrument :
MSVOA_N
ClientSampled :

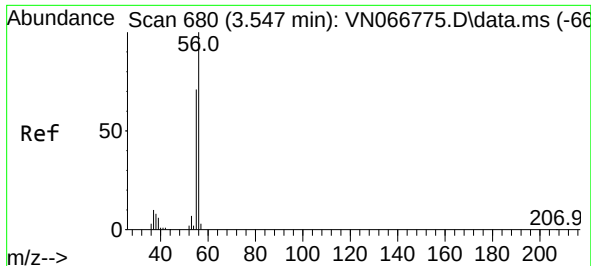
Tgt Ion:168 Resp: 299419
Ion Ratio Lower Upper
168 100
99 47.9 42.6 63.8



#3
Chloromethane
Concen: 0.21 ug/l
RT: 2.037 min Scan# 117
Delta R.T. 0.003 min
Lab File: VN066846.D
Acq: 29 Apr 2021 5:41

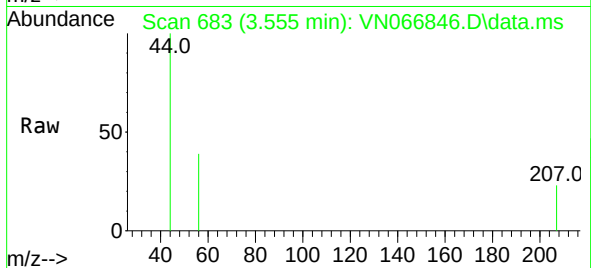
Tgt Ion: 50 Resp: 908
Ion Ratio Lower Upper
50 100
52 42.6 25.8 38.8#



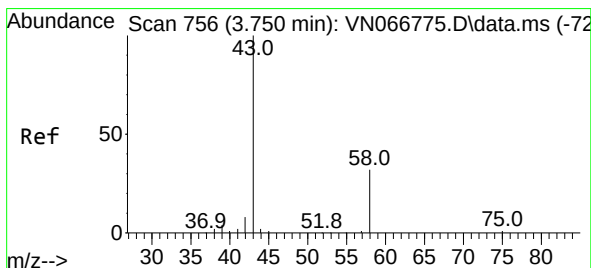
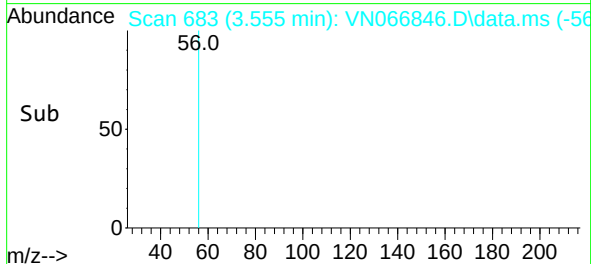
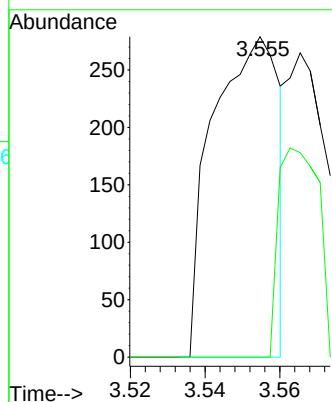


#13
Acrolein
Concen: 0.69 ug/l
RT: 3.555 min Scan# 683
Delta R.T. 0.008 min
Lab File: VN066846.D
Acq: 29 Apr 2021 5:41

Instrument :
MSVOA_N
ClientSampled :

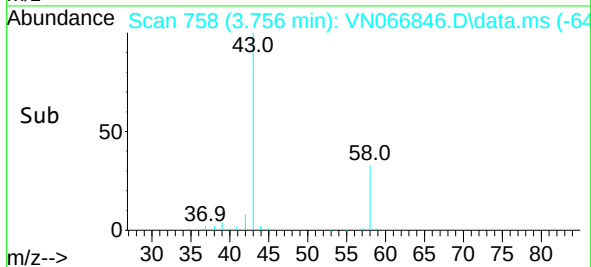
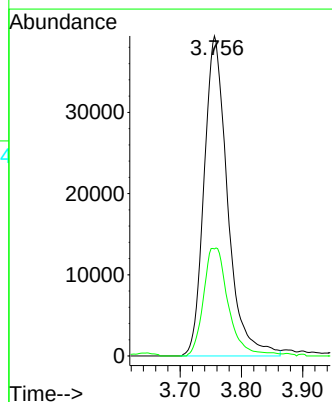
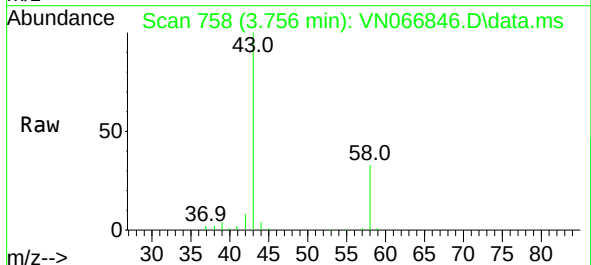


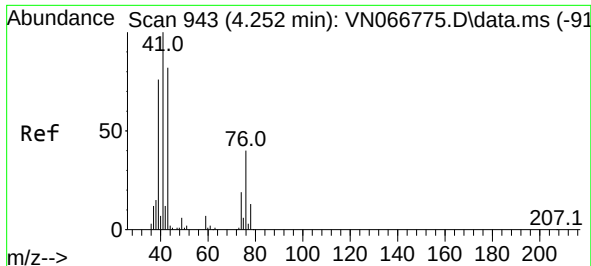
Tgt Ion: 56 Resp: 342
Ion Ratio Lower Upper
56 100
55 39.8 56.0 84.0#



#16
Acetone
Concen: 72.24 ug/l
RT: 3.756 min Scan# 758
Delta R.T. 0.006 min
Lab File: VN066846.D
Acq: 29 Apr 2021 5:41

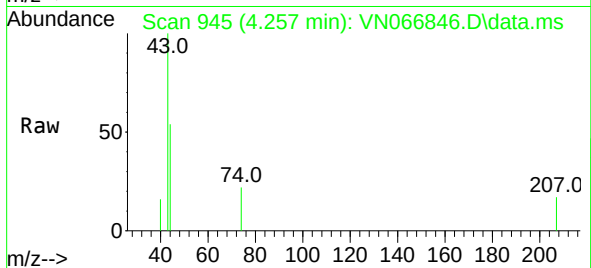
Tgt Ion: 43 Resp: 104845
Ion Ratio Lower Upper
43 100
58 33.5 27.0 40.6



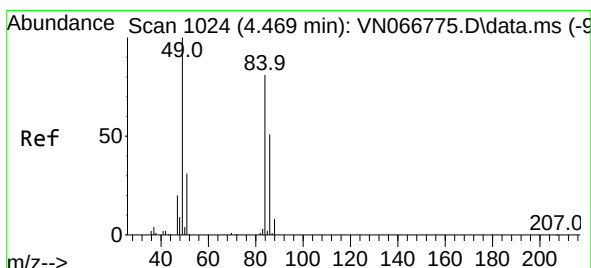
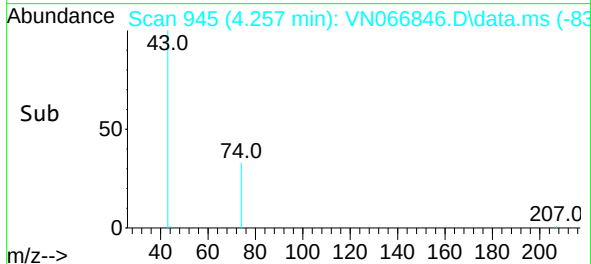
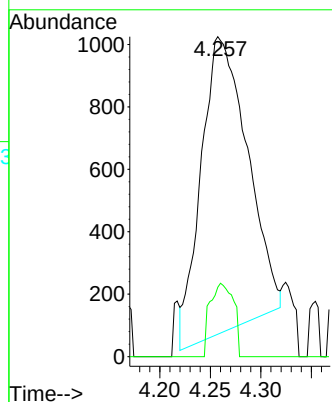


#18
Methyl Acetate
Concen: 1.87 ug/l
RT: 4.257 min Scan# 945
Delta R.T. 0.005 min
Lab File: VN066846.D
Acq: 29 Apr 2021 5:41

Instrument :
MSVOA_N
ClientSampled :

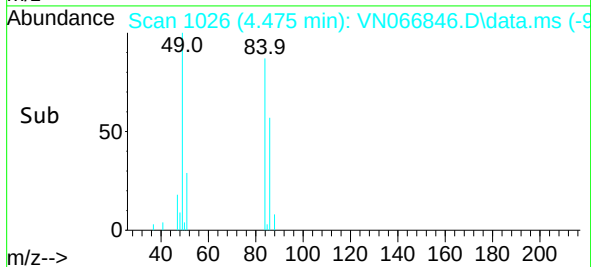
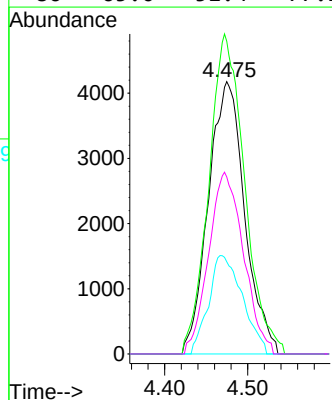
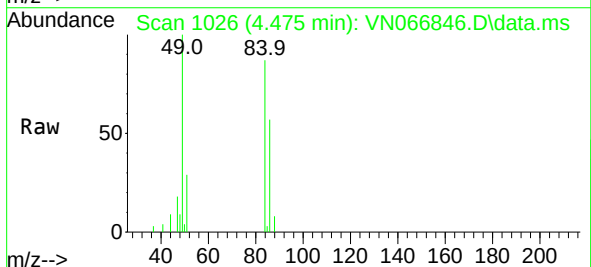


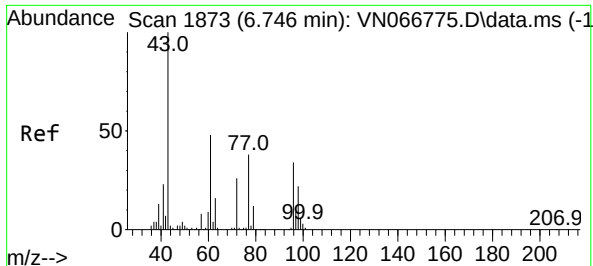
Tgt Ion: 43 Resp: 3031
Ion Ratio Lower Upper
43 100
74 12.5 19.5 29.3#



#20
Methylene Chloride
Concen: 3.45 ug/l
RT: 4.475 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN066846.D
Acq: 29 Apr 2021 5:41

Tgt Ion: 84 Resp: 12682
Ion Ratio Lower Upper
84 100
49 114.8 94.6 141.8
51 33.8 29.9 44.9
86 65.0 51.4 77.2

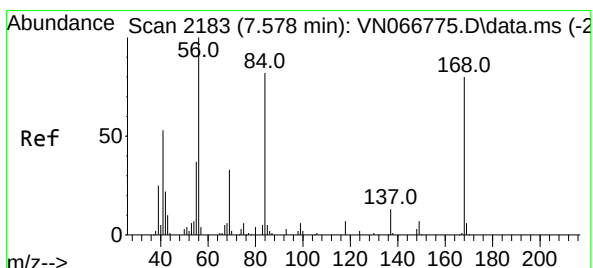
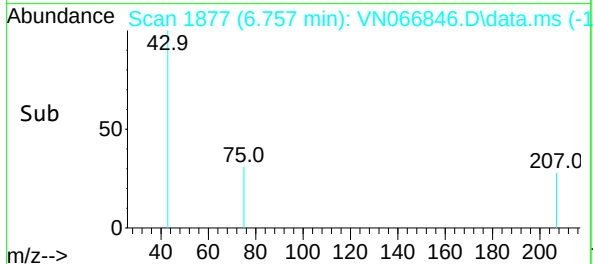
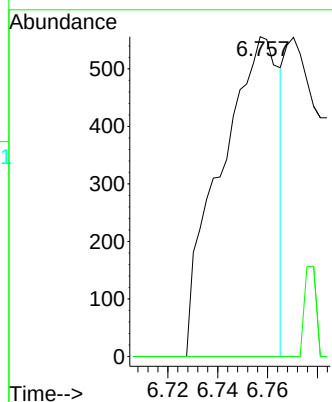
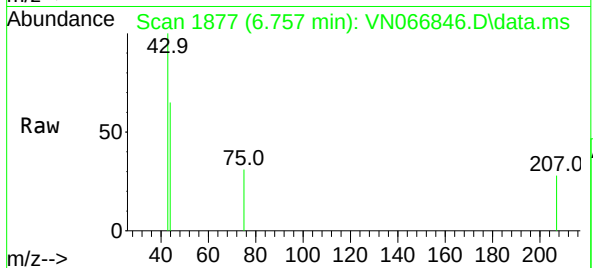




#25
2-Butanone
Concen: 0.44 ug/l
RT: 6.757 min Scan# 1877
Delta R.T. 0.011 min
Lab File: VN066846.D
Acq: 29 Apr 2021 5:41

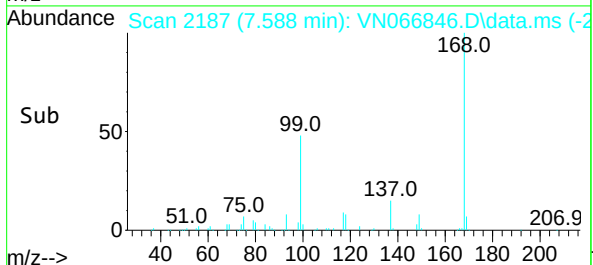
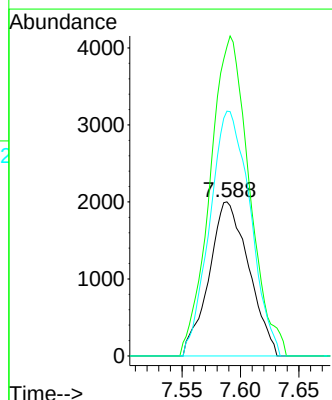
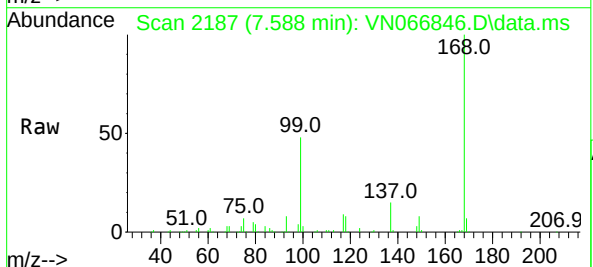
Instrument :
MSVOA_N
ClientSampled :

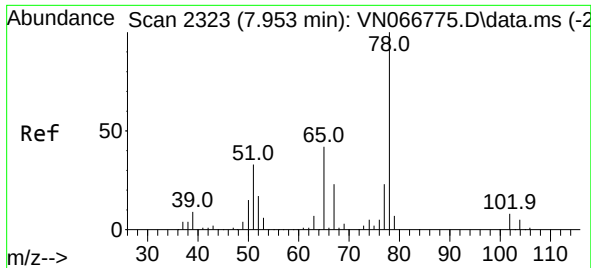
Tgt Ion: 43 Resp: 904
Ion Ratio Lower Upper
43 100
72 0.0 23.1 34.7#



#31
Cyclohexane
Concen: 0.80 ug/l
RT: 7.588 min Scan# 2187
Delta R.T. 0.010 min
Lab File: VN066846.D
Acq: 29 Apr 2021 5:41

Tgt Ion: 56 Resp: 4741
Ion Ratio Lower Upper
56 100
69 200.5 26.6 39.8#
84 158.8 70.4 105.6#

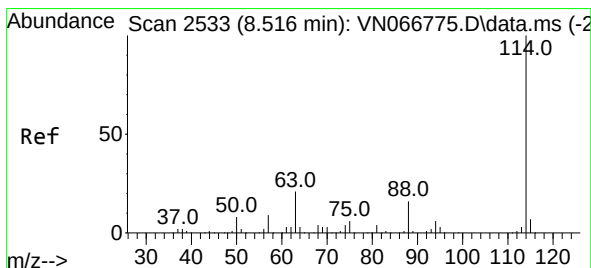
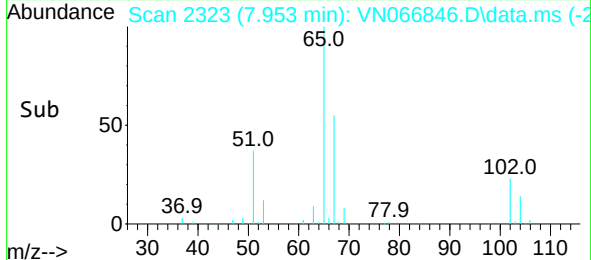
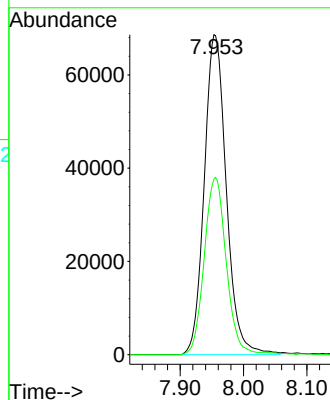
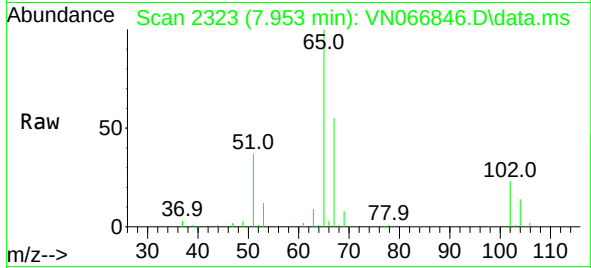




#33
 1,2-Dichloroethane-d4
 Concen: 43.16 ug/l
 RT: 7.953 min Scan# 2323
 Delta R.T. 0.000 min
 Lab File: VN066846.D
 Acq: 29 Apr 2021 5:41

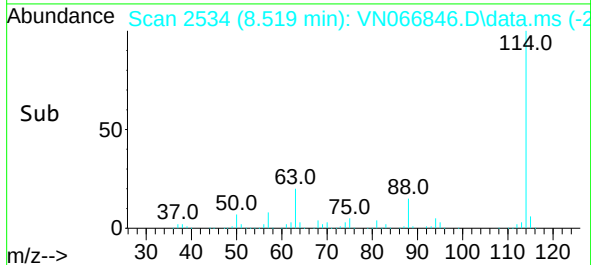
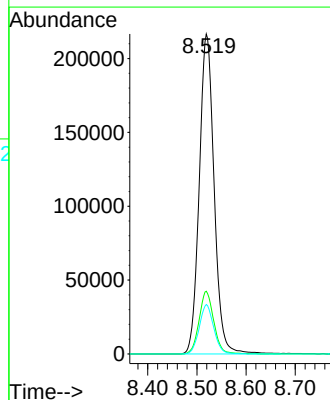
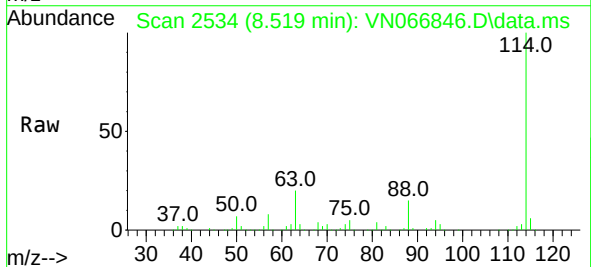
Instrument :
 MSVOA_N
 ClientSampled :

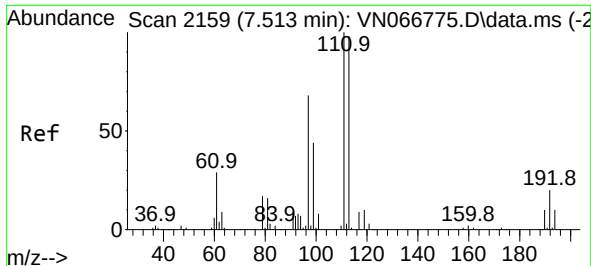
Tgt Ion: 65 Resp: 166052
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.519 min Scan# 2534
 Delta R.T. 0.003 min
 Lab File: VN066846.D
 Acq: 29 Apr 2021 5:41

Tgt Ion: 114 Resp: 454857
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 38.6
 88 15.5 0.0 30.6

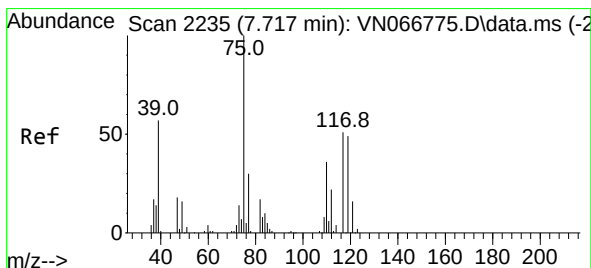
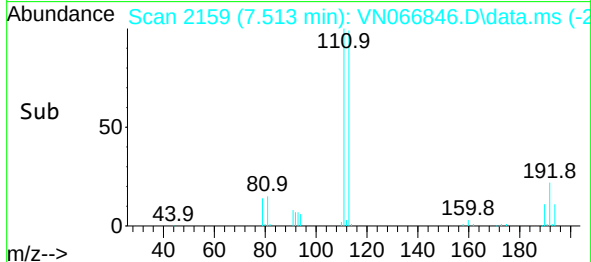
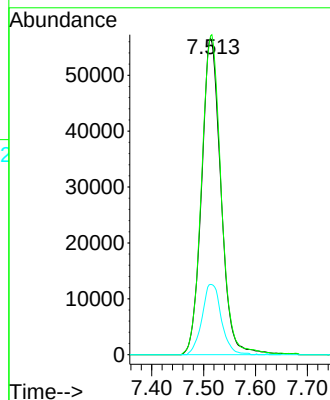
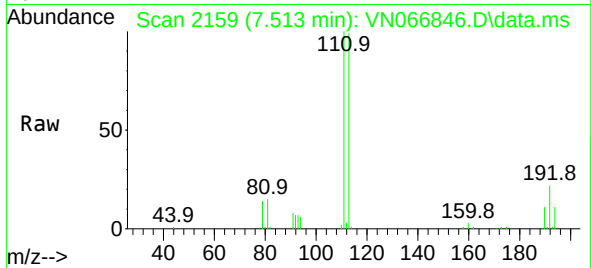




#35
Dibromofluoromethane
Concen: 52.10 ug/l
RT: 7.513 min Scan# 2159
Delta R.T. 0.000 min
Lab File: VN066846.D
Acq: 29 Apr 2021 5:41

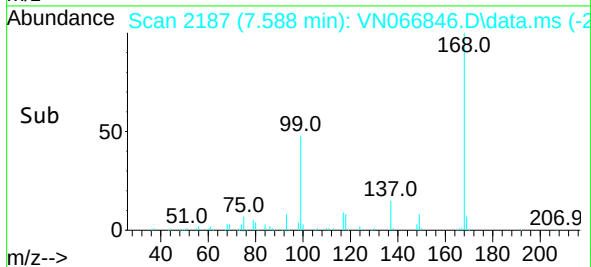
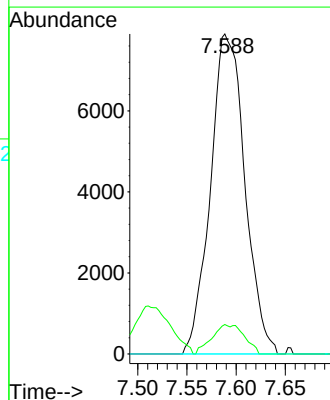
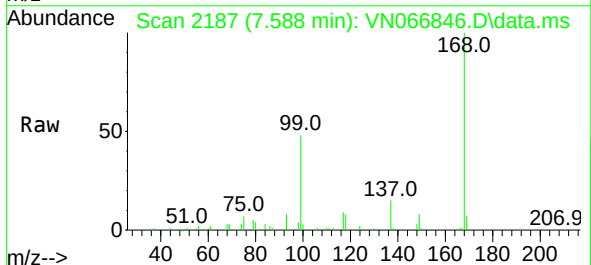
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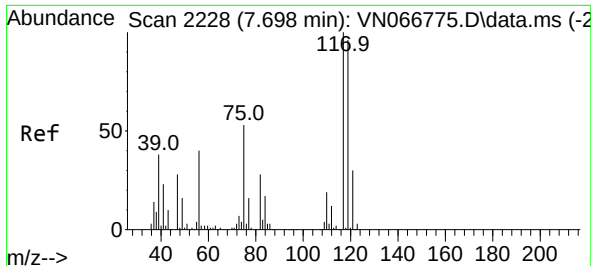
Tgt Ion:113 Resp: 146285
Ion Ratio Lower Upper
113 100
111 102.1 82.2 123.2
192 22.2 15.4 23.0



#36
1,1-Dichloropropene
Concen: 4.55 ug/l
RT: 7.588 min Scan# 2187
Delta R.T. -0.129 min
Lab File: VN066846.D
Acq: 29 Apr 2021 5:41

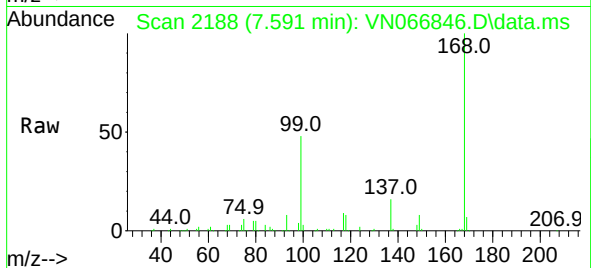
Tgt Ion: 75 Resp: 19228
Ion Ratio Lower Upper
75 100
110 4.9 18.2 54.6#
77 0.0 24.9 37.3#



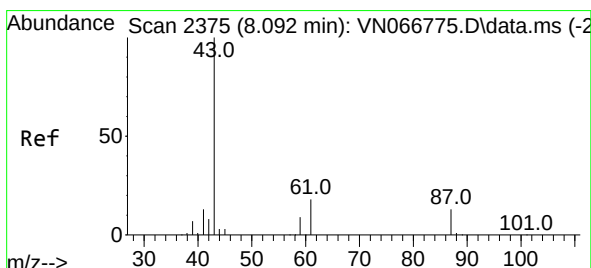
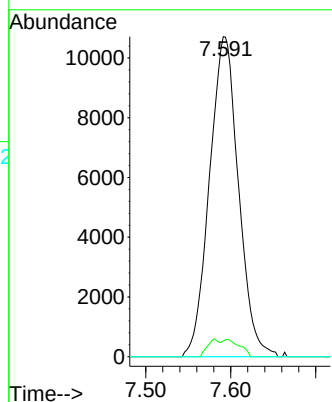
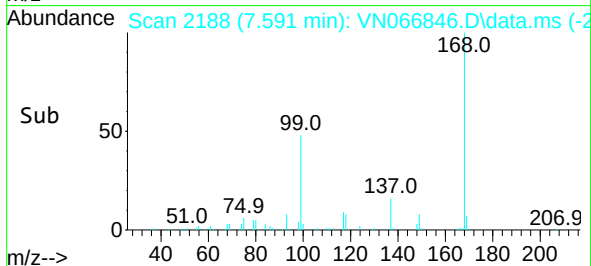


#38
Carbon Tetrachloride
Concen: 6.27 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. -0.107 min
Lab File: VN066846.D
Acq: 29 Apr 2021 5:41

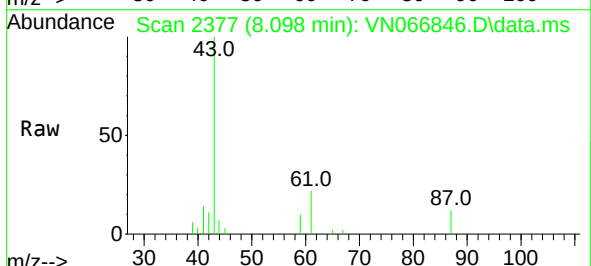
Instrument :
MSVOA_N
ClientSampled :



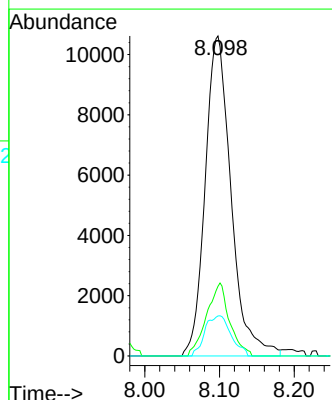
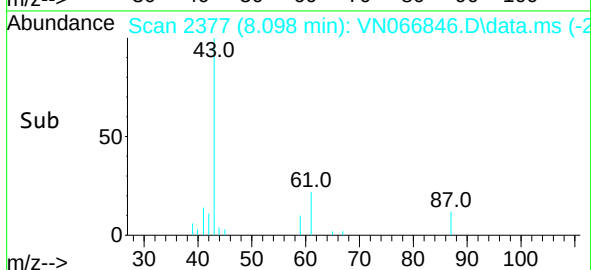
Tgt Ion:117 Resp: 25405
Ion Ratio Lower Upper
117 100
119 4.9 76.0 114.0#
121 0.0 24.5 36.7#

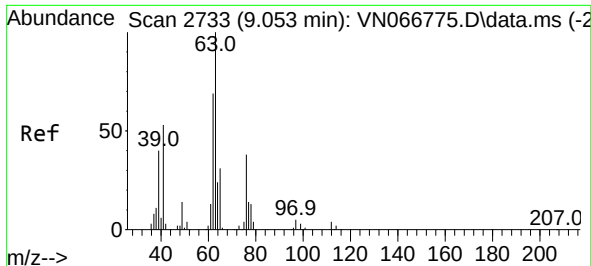


#43
Isopropyl Acetate
Concen: 3.58 ug/l
RT: 8.098 min Scan# 2377
Delta R.T. 0.006 min
Lab File: VN066846.D
Acq: 29 Apr 2021 5:41



Tgt Ion: 43 Resp: 25557
Ion Ratio Lower Upper
43 100
61 20.2 22.5 33.7#
87 12.6 11.1 16.7

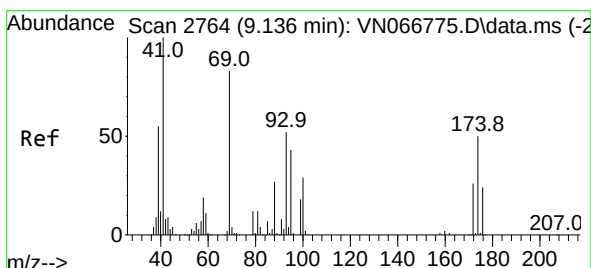
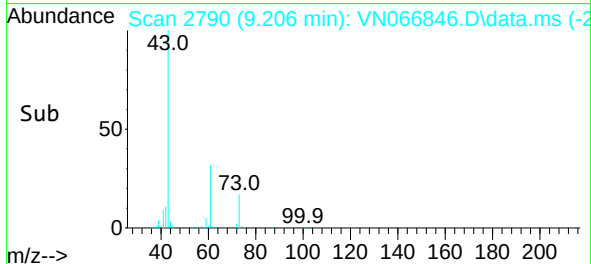
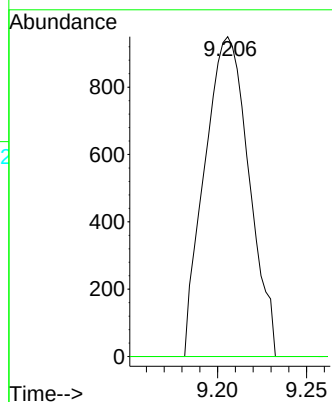
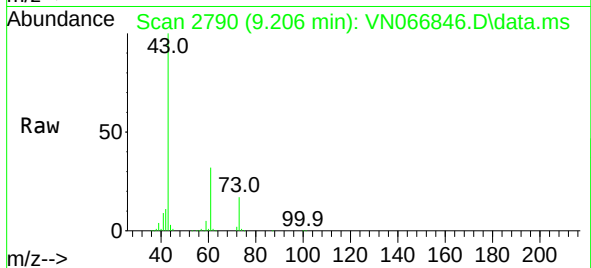




#45
1,2-Dichloropropane
Concen: 0.47 ug/l
RT: 9.206 min Scan# 2790
Delta R.T. 0.153 min
Lab File: VN066846.D
Acq: 29 Apr 2021 5:41

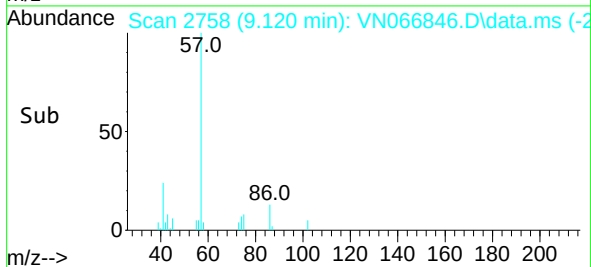
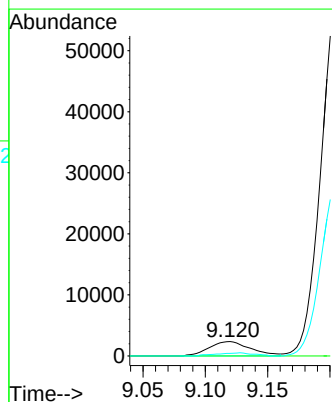
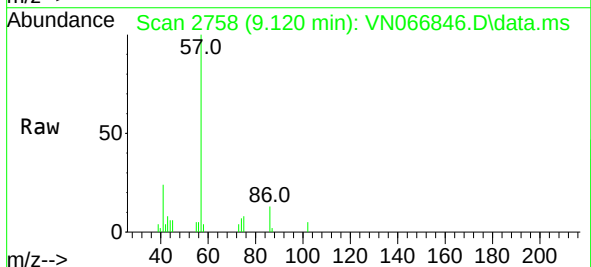
Instrument :
MSVOA_N
ClientSampled :

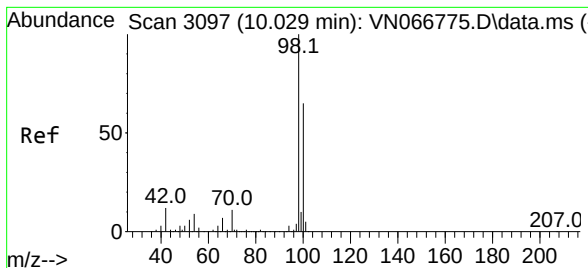
Tgt Ion: 63 Resp: 1647
Ion Ratio Lower Upper
63 100
65 0.0 24.9 37.3#



#48
Methyl methacrylate
Concen: 1.75 ug/l
RT: 9.120 min Scan# 2758
Delta R.T. -0.016 min
Lab File: VN066846.D
Acq: 29 Apr 2021 5:41

Tgt Ion: 41 Resp: 5446
Ion Ratio Lower Upper
41 100
69 0.0 75.9 113.9#
39 0.0 46.6 69.8#

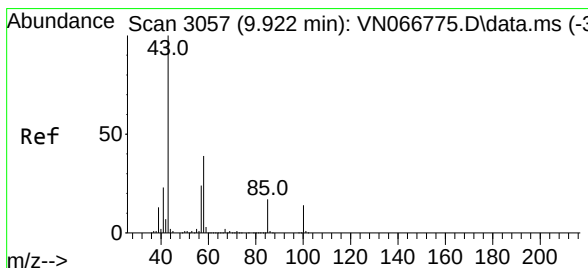
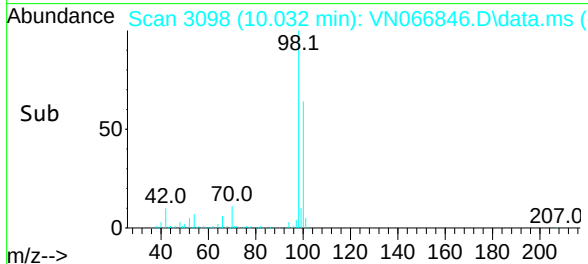
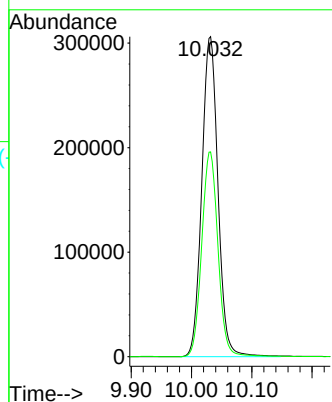
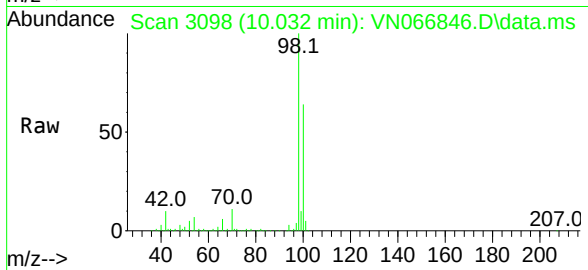




#50
Toluene-d8
Concen: 51.83 ug/l
RT: 10.032 min Scan# 3098
Delta R.T. 0.003 min
Lab File: VN066846.D
Acq: 29 Apr 2021 5:41

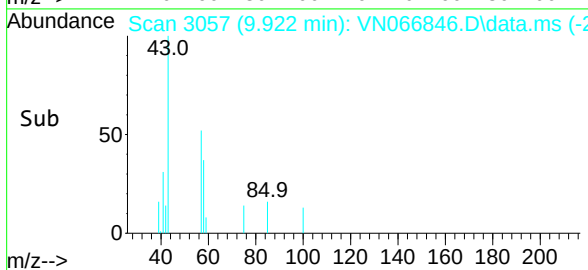
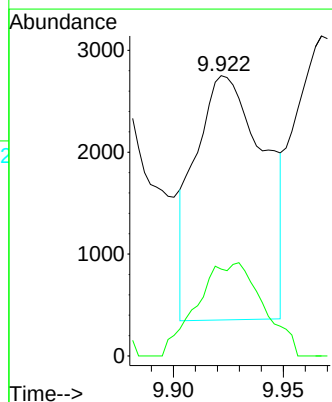
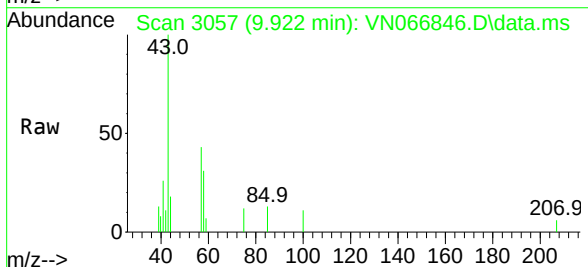
Instrument :
MSVOA_N
ClientSampled :

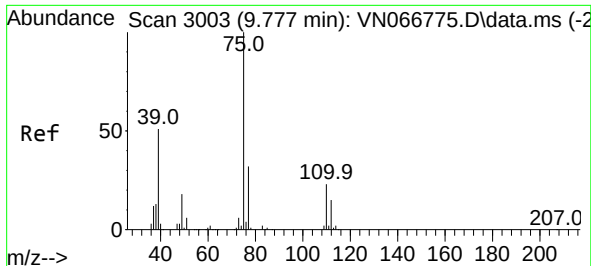
Tgt Ion: 98 Resp: 571214
Ion Ratio Lower Upper
98 100
100 64.2 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 1.34 ug/l
RT: 9.922 min Scan# 3057
Delta R.T. -0.000 min
Lab File: VN066846.D
Acq: 29 Apr 2021 5:41

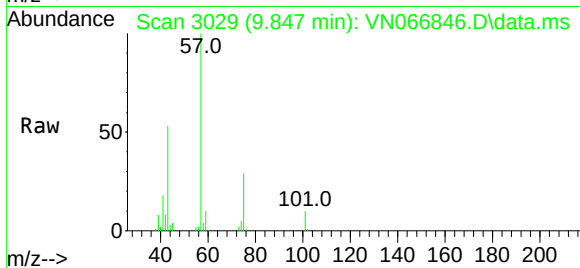
Tgt Ion: 43 Resp: 5194
Ion Ratio Lower Upper
43 100
58 36.7 32.5 48.7



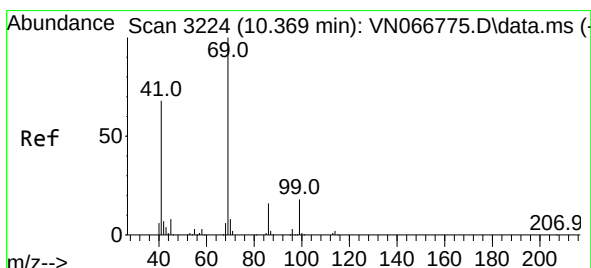
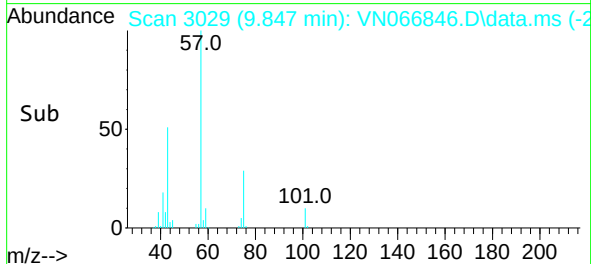
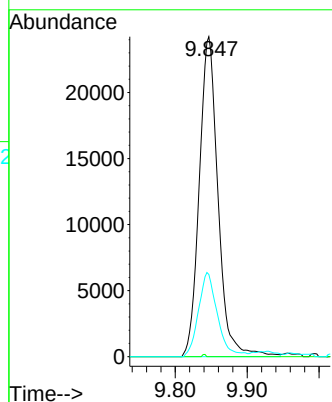


#54
cis-1,3-Dichloropropene
Concen: 8.18 ug/l
RT: 9.847 min Scan# 3029
Delta R.T. 0.070 min
Lab File: VN066846.D
Acq: 29 Apr 2021 5:41

Instrument :
MSVOA_N
ClientSampled :

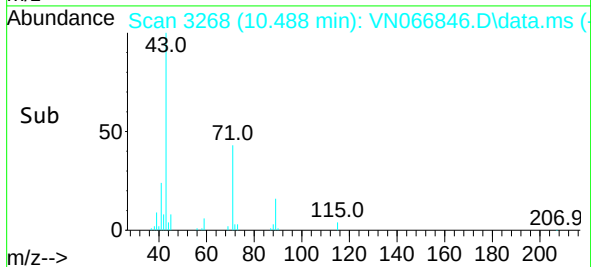
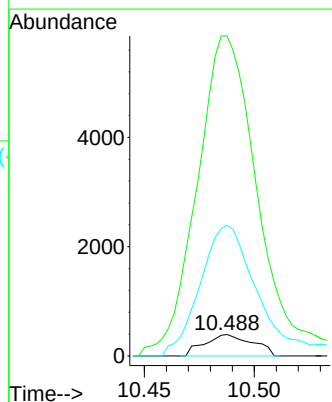
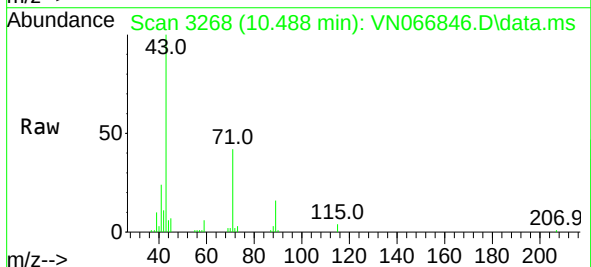


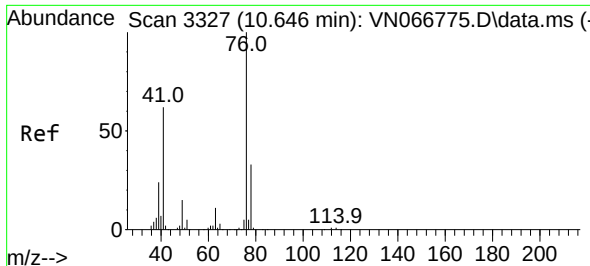
Tgt Ion: 75 Resp: 43985
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#
39 25.7 36.2 54.4#



#56
Ethyl methacrylate
Concen: 3.28 ug/l
RT: 10.488 min Scan# 3268
Delta R.T. 0.119 min
Lab File: VN066846.D
Acq: 29 Apr 2021 5:41

Tgt Ion: 69 Resp: 597
Ion Ratio Lower Upper
69 100
41 1879.9 49.6 74.4#
39 733.3 28.0 42.0#

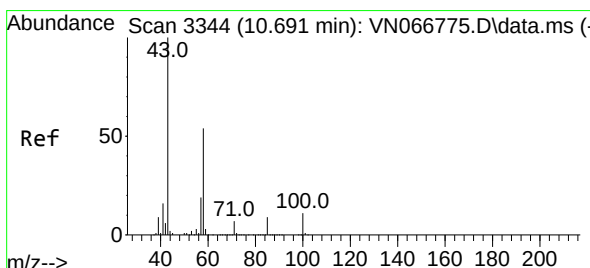
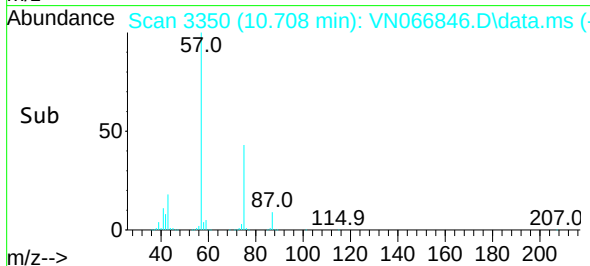
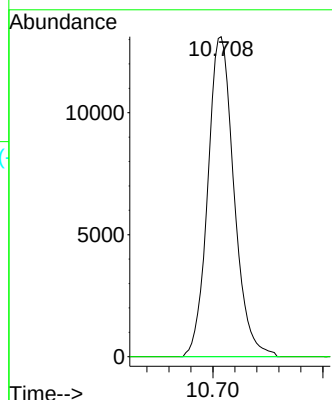
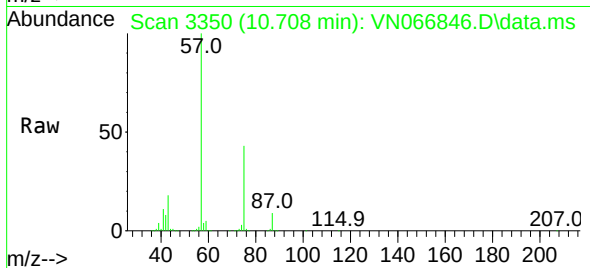




#57
1,3-Dichloropropane
Concen: 4.18 ug/l
RT: 10.708 min Scan# 3350
Delta R.T. 0.062 min
Lab File: VN066846.D
Acq: 29 Apr 2021 5:41

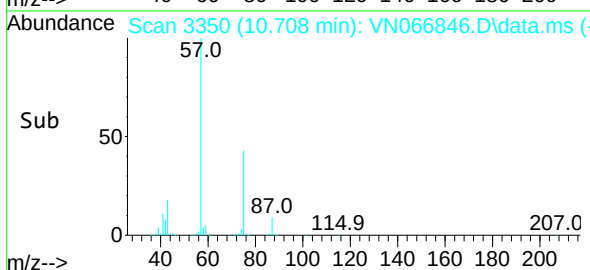
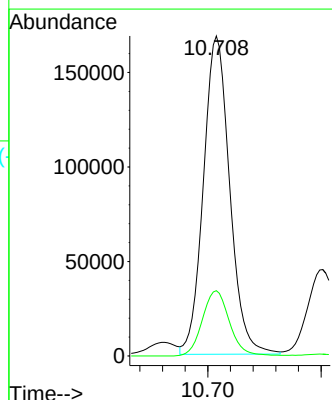
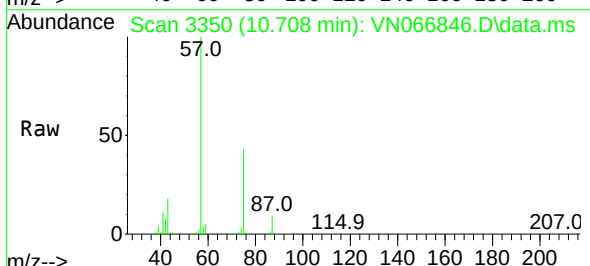
Instrument :
MSVOA_N
ClientSampled :

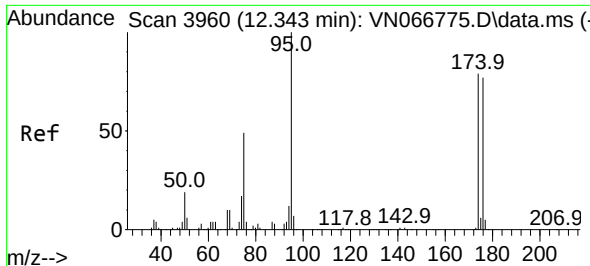
Tgt Ion: 76 Resp: 21692
Ion Ratio Lower Upper
76 100
78 0.0 25.7 38.5#



#59
2-Hexanone
Concen: 101.62 ug/l
RT: 10.708 min Scan# 3350
Delta R.T. 0.017 min
Lab File: VN066846.D
Acq: 29 Apr 2021 5:41

Tgt Ion: 43 Resp: 271617
Ion Ratio Lower Upper
43 100
58 21.2 28.1 84.3#

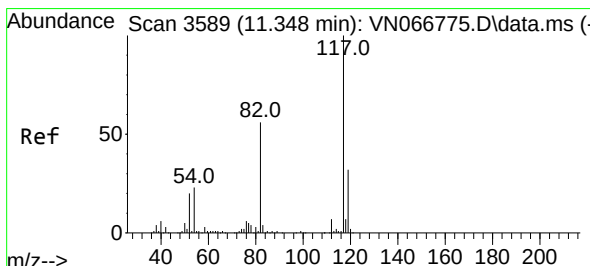
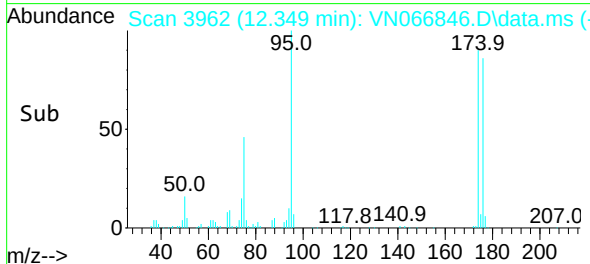
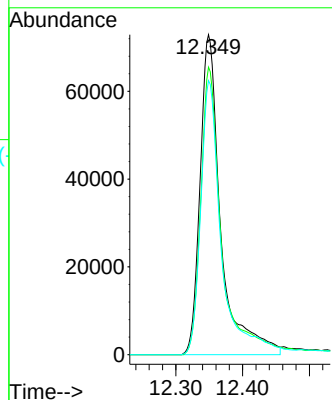
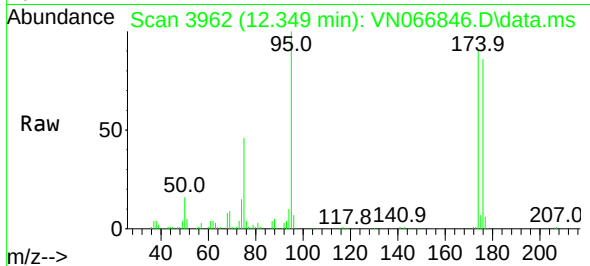




#62
4-Bromofluorobenzene
Concen: 42.26 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. 0.006 min
Lab File: VN066846.D
Acq: 29 Apr 2021 5:41

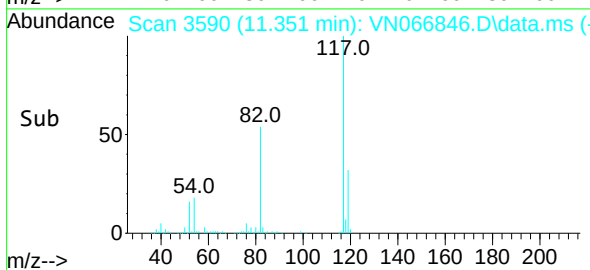
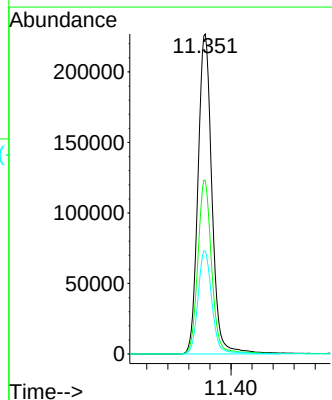
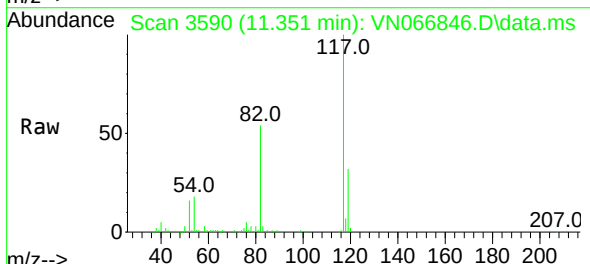
Instrument :
MSVOA_N
ClientSampleId :

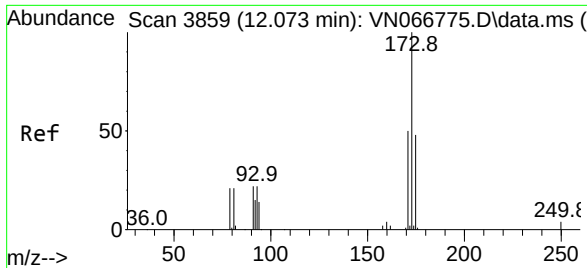
Tgt Ion: 95 Resp: 157583
Ion Ratio Lower Upper
95 100
174 89.5 0.0 169.0
176 86.2 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.351 min Scan# 3590
Delta R.T. 0.003 min
Lab File: VN066846.D
Acq: 29 Apr 2021 5:41

Tgt Ion: 117 Resp: 417176
Ion Ratio Lower Upper
117 100
82 54.1 43.7 65.5
119 32.2 26.1 39.1

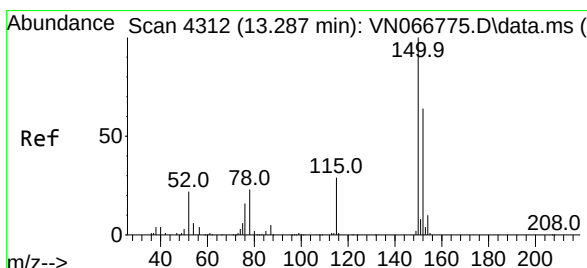
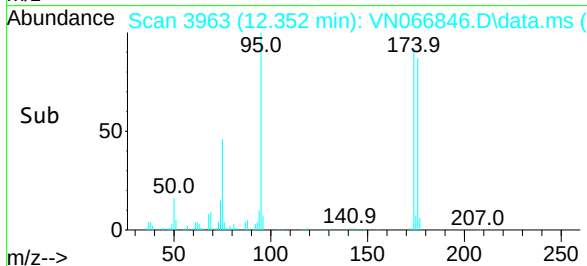
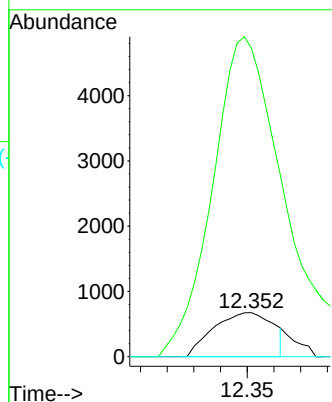
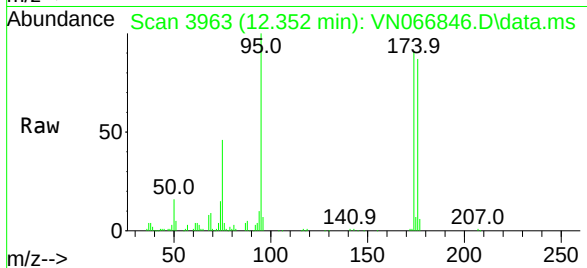




#71
Bromoform
Concen: 0.46 ug/l
RT: 12.352 min Scan# 3963
Delta R.T. 0.279 min
Lab File: VN066846.D
Acq: 29 Apr 2021 5:41

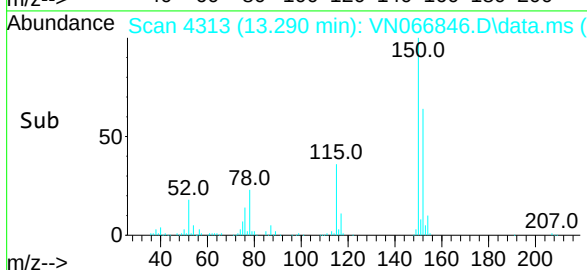
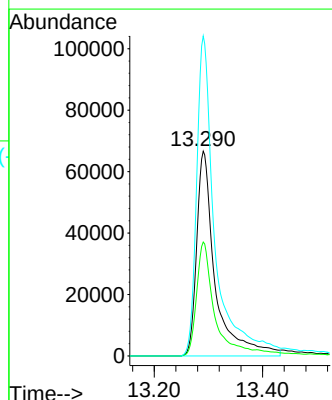
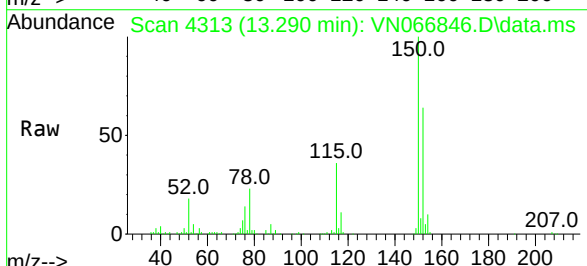
Instrument :
MSVOA_N
ClientSampled :

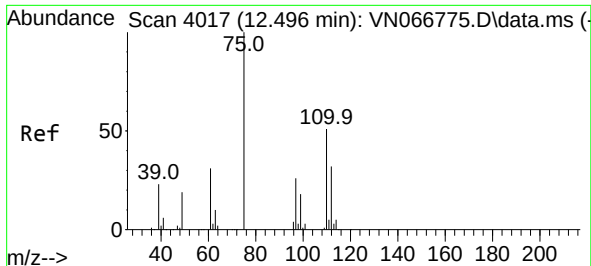
Tgt Ion:173 Resp: 1050
Ion Ratio Lower Upper
173 100
175 710.5 23.8 71.2#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.290 min Scan# 4313
Delta R.T. 0.003 min
Lab File: VN066846.D
Acq: 29 Apr 2021 5:41

Tgt Ion:152 Resp: 158631
Ion Ratio Lower Upper
152 100
115 52.6 28.5 85.6
150 149.7 0.0 347.6

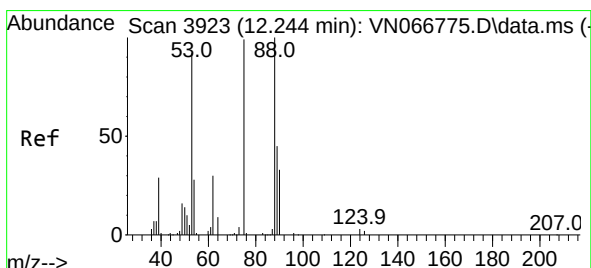
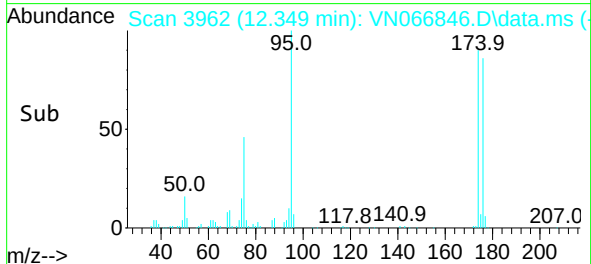
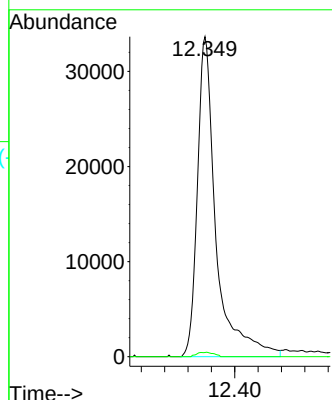
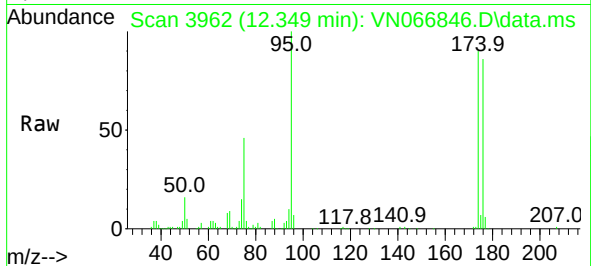




#76
1,2,3-Trichloropropane
Concen: 22.27 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. -0.147 min
Lab File: VN066846.D
Acq: 29 Apr 2021 5:41

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion: 75 Resp: 74473
Ion Ratio Lower Upper
75 100
77 0.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 60.49 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. 0.105 min
Lab File: VN066846.D
Acq: 29 Apr 2021 5:41

Tgt Ion: 75 Resp: 74473
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.2 35.8 53.8#

