

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042821\
 Data File : VN066842.D
 Acq On : 29 Apr 2021 4:06
 Operator : JC/MD
 Sample : M2137-11
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 29 04:35:08 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)

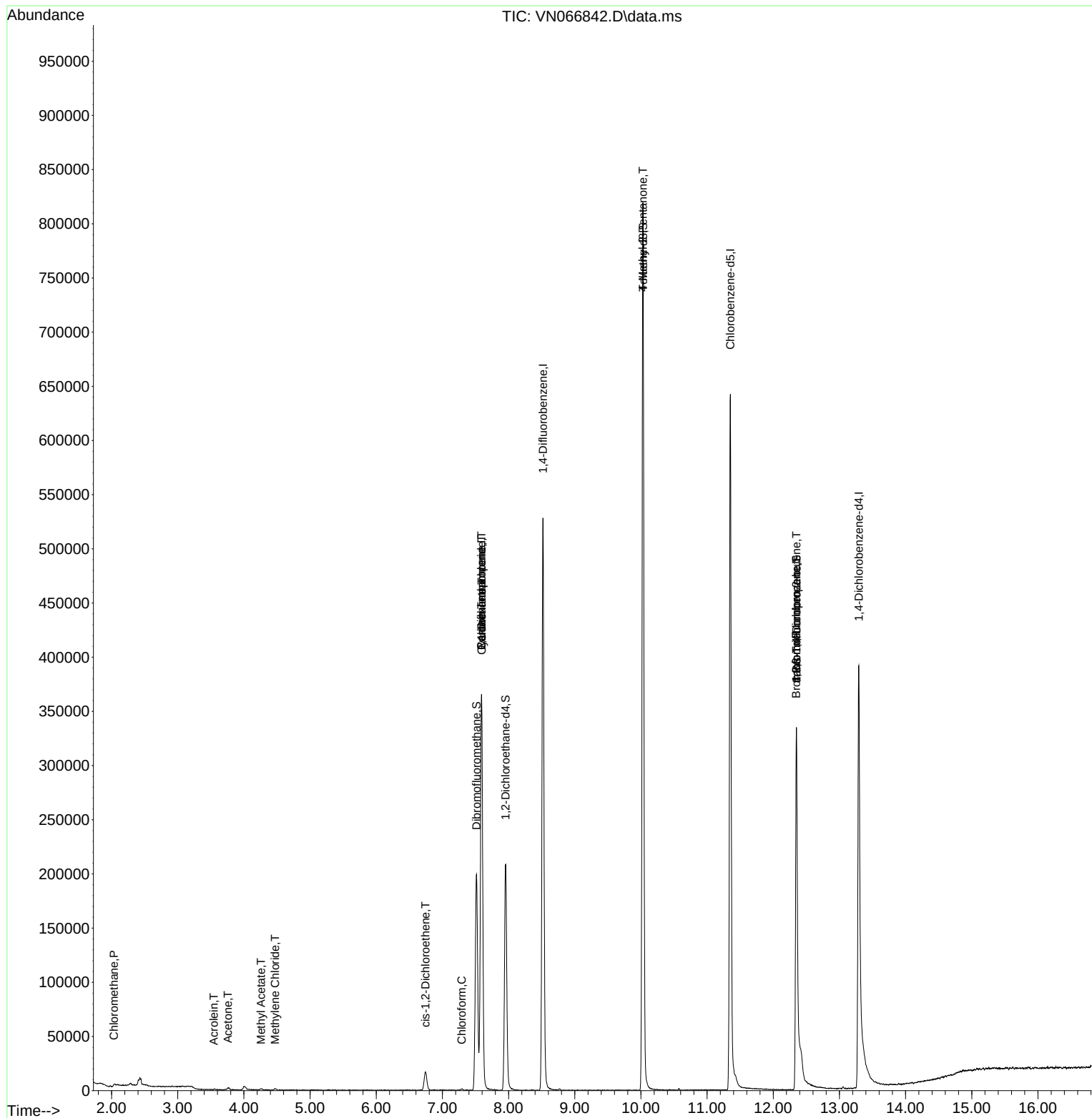
Internal Standards						
1) Pentafluorobenzene	7.591	168	332893	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.519	114	503384	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.351	117	437418	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.293	152	177301	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.956	65	180020	42.09	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	84.18%		
35) Dibromofluoromethane	7.516	113	161119	51.85	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	103.70%		
50) Toluene-d8	10.032	98	602523	49.40	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.80%		
62) 4-Bromofluorobenzene	12.349	95	171557	41.57	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	83.14%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.034	50	1085	0.23	ug/l	91
13) Acrolein	3.544	56	145	0.26	ug/l #	15
16) Acetone	3.758	43	3200	1.98	ug/l	96
18) Methyl Acetate	4.257	43	1188	1.38	ug/l #	85
20) Methylene Chloride	4.472	84	1117	0.27	ug/l #	85
27) cis-1,2-Dichloroethene	6.743	96	12487	3.01	ug/l	92
30) Chloroform	7.291	83	1703	0.25	ug/l #	79
31) Cyclohexane	7.594	56	5188	0.78	ug/l #	1
36) 1,1-Dichloropropene	7.591	75	21582	4.61	ug/l #	49
38) Carbon Tetrachloride	7.591	117	28318	6.31	ug/l #	17
51) 4-Methyl-2-Pentanone	10.029	43	2110	0.49	ug/l #	1
71) Bromoform	12.346	173	924	0.39	ug/l #	1
76) 1,2,3-Trichloropropane	12.349	75	65880	17.63	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.349	75	65880	49.37	ug/l #	12

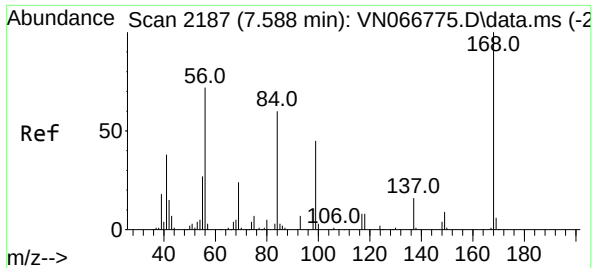
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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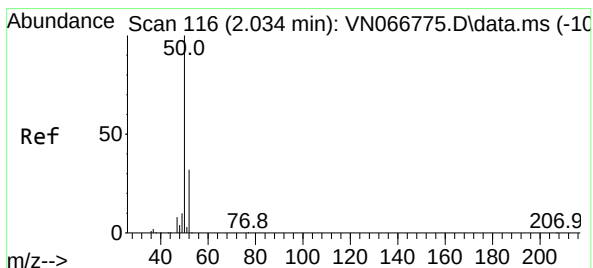
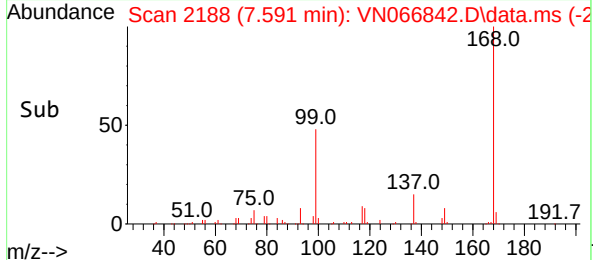
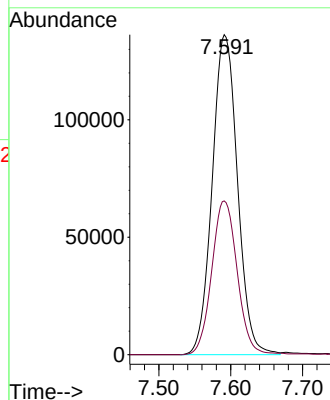
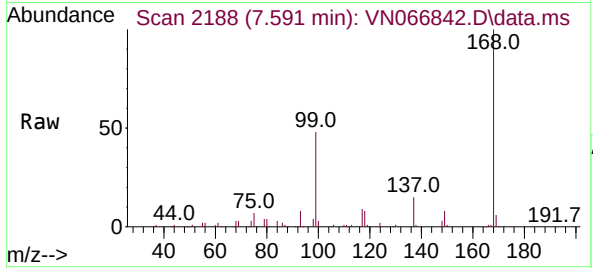




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. 0.003 min
Lab File: VN066842.D
Acq: 29 Apr 2021 4:06

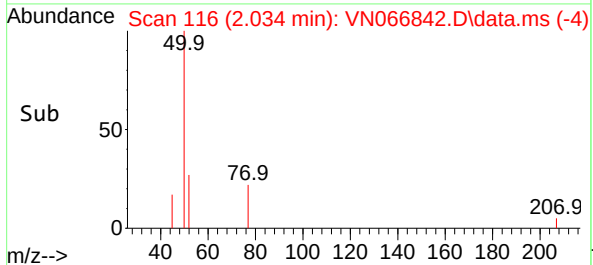
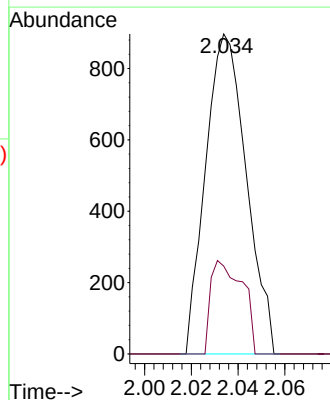
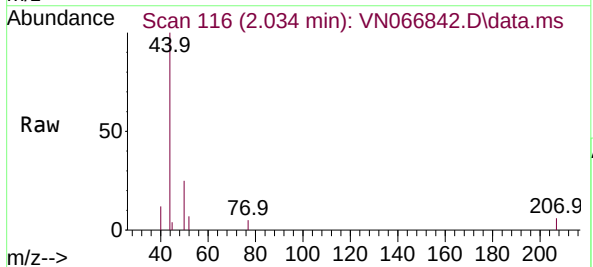
Instrument :
MSVOA_N
ClientSampled :

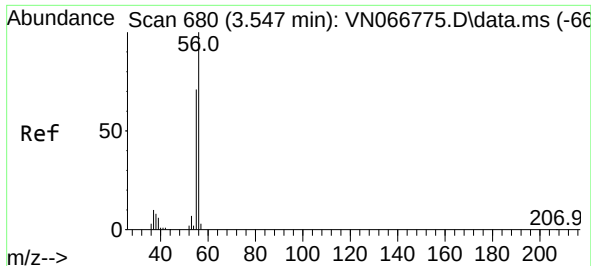
Tgt Ion:168 Resp: 332893
Ion Ratio Lower Upper
168 100
99 48.0 42.6 63.8



#3
Chloromethane
Concen: 0.23 ug/l
RT: 2.034 min Scan# 116
Delta R.T. -0.000 min
Lab File: VN066842.D
Acq: 29 Apr 2021 4:06

Tgt Ion: 50 Resp: 1085
Ion Ratio Lower Upper
50 100
52 27.4 25.8 38.8

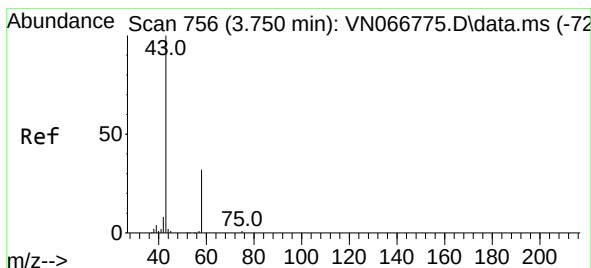
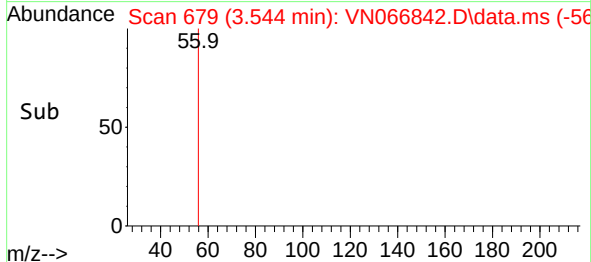
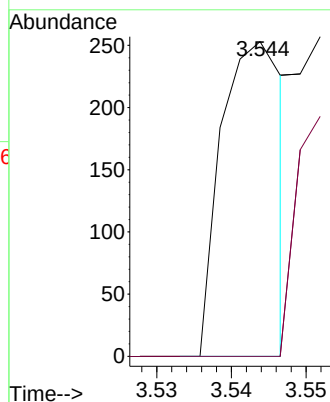
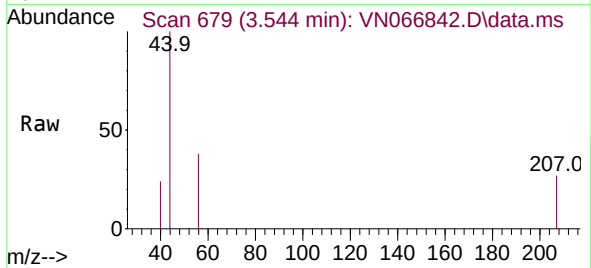




#13
Acrolein
Concen: 0.26 ug/l
RT: 3.544 min Scan# 679
Delta R.T. -0.003 min
Lab File: VN066842.D
Acq: 29 Apr 2021 4:06

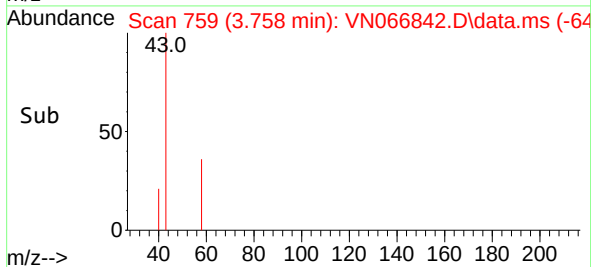
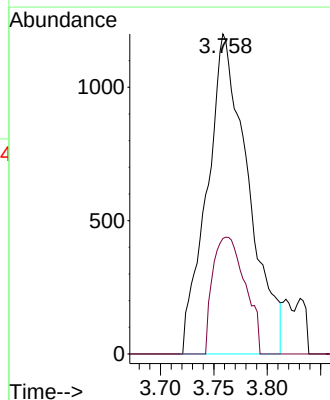
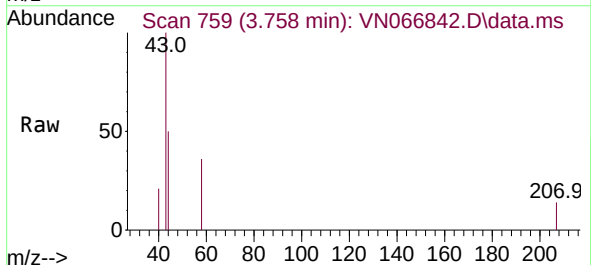
Instrument :
MSVOA_N
ClientSampled :

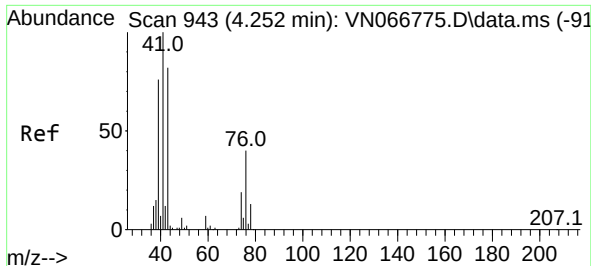
Tgt Ion: 56 Resp: 145
Ion Ratio Lower Upper
56 100
55 0.0 56.0 84.0#



#16
Acetone
Concen: 1.98 ug/l
RT: 3.758 min Scan# 759
Delta R.T. 0.008 min
Lab File: VN066842.D
Acq: 29 Apr 2021 4:06

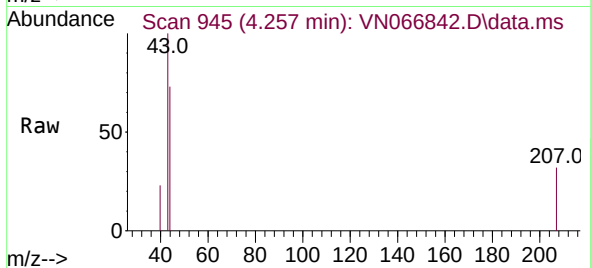
Tgt Ion: 43 Resp: 3200
Ion Ratio Lower Upper
43 100
58 36.1 27.0 40.6



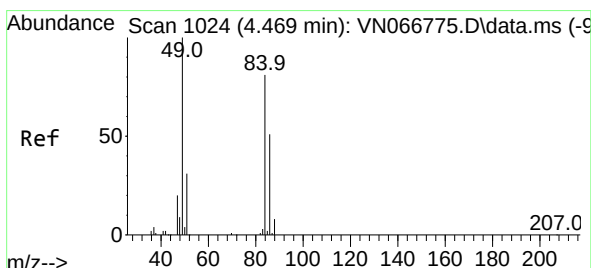
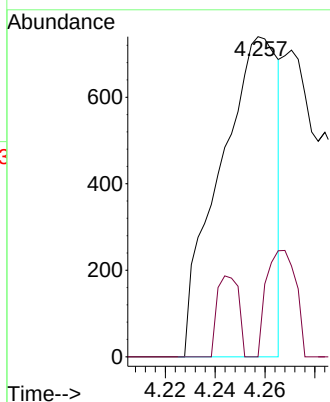
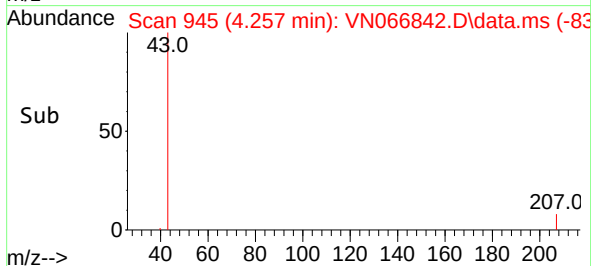


#18
Methyl Acetate
Concen: 1.38 ug/l
RT: 4.257 min Scan# 945
Delta R.T. 0.005 min
Lab File: VN066842.D
Acq: 29 Apr 2021 4:06

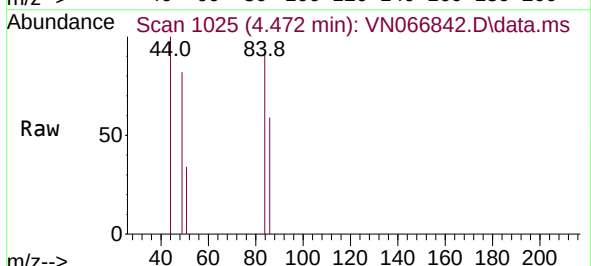
Instrument :
MSVOA_N
ClientSampled :



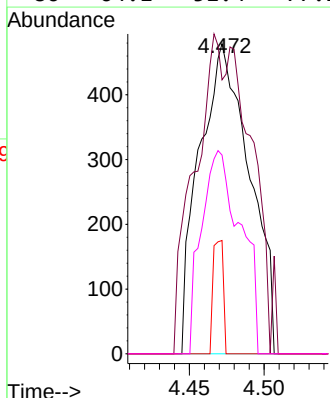
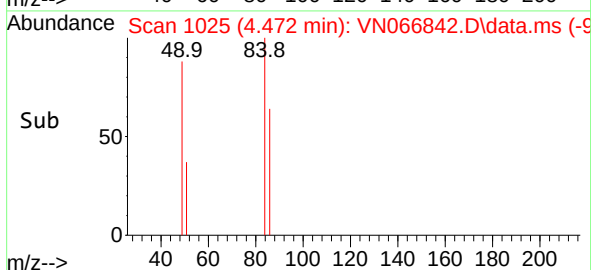
Tgt Ion: 43 Resp: 1188
Ion Ratio Lower Upper
43 100
74 16.8 19.5 29.3#

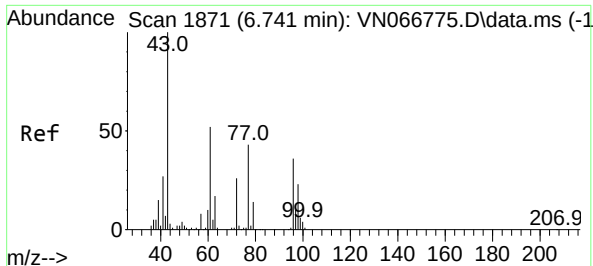


#20
Methylene Chloride
Concen: 0.27 ug/l
RT: 4.472 min Scan# 1025
Delta R.T. 0.003 min
Lab File: VN066842.D
Acq: 29 Apr 2021 4:06



Tgt Ion: 84 Resp: 1117
Ion Ratio Lower Upper
84 100
49 88.3 94.6 141.8#
51 36.5 29.9 44.9
86 64.1 51.4 77.2





#27

cis-1,2-Dichloroethene

Concen: 3.01 ug/l

RT: 6.743 min Scan# 1872

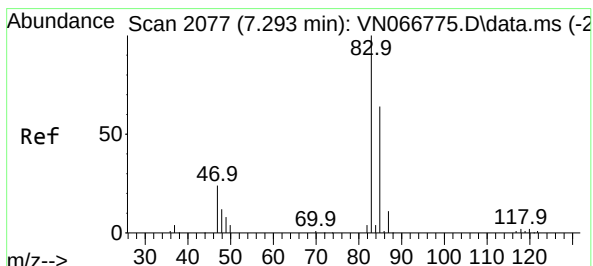
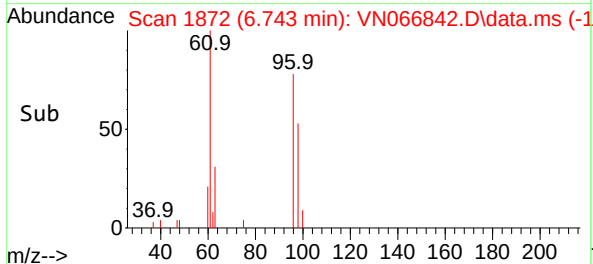
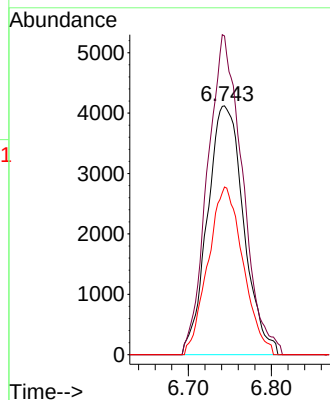
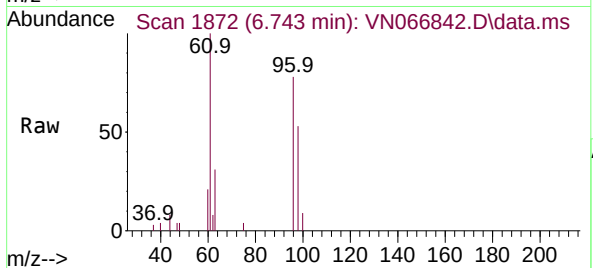
Delta R.T. 0.002 min

Lab File: VN066842.D

Acq: 29 Apr 2021 4:06

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion: 96	Resp: 12487
Ion Ratio	Lower Upper
96 100	
61 123.8	0.0 276.8
98 65.2	0.0 129.4



#30

Chloroform

Concen: 0.25 ug/l

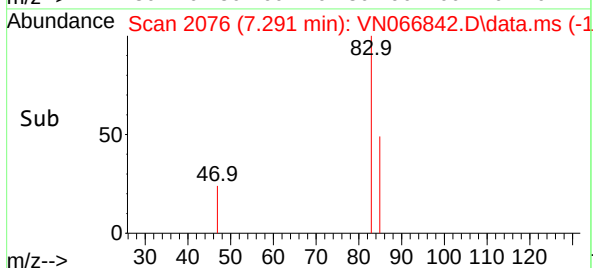
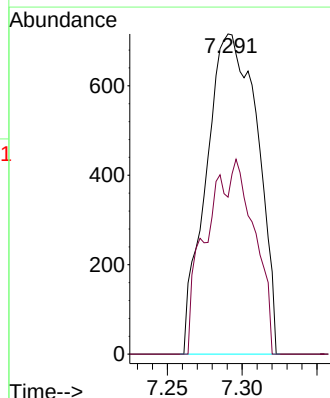
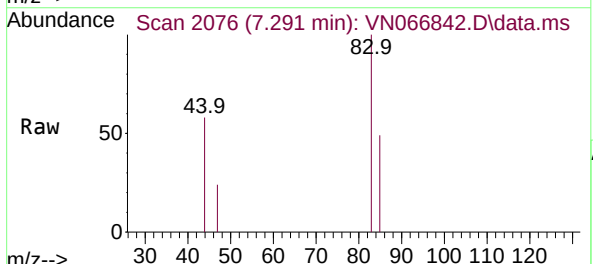
RT: 7.291 min Scan# 2076

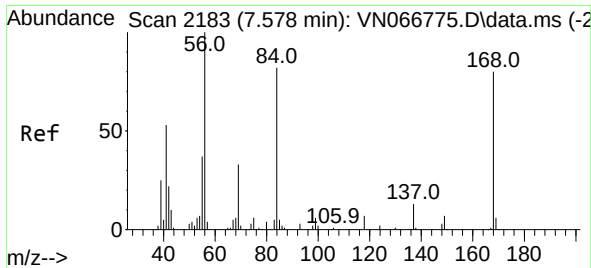
Delta R.T. -0.002 min

Lab File: VN066842.D

Acq: 29 Apr 2021 4:06

Tgt Ion: 83	Resp: 1703
Ion Ratio	Lower Upper
83 100	
85 49.0	52.6 78.8#

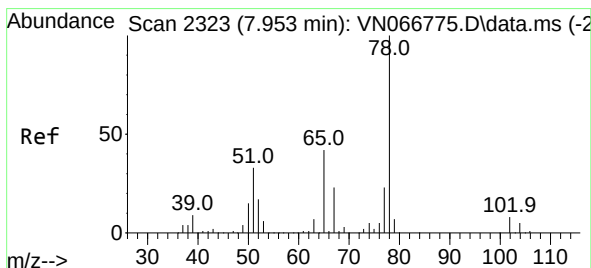
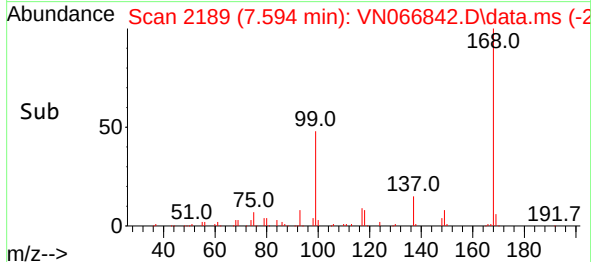
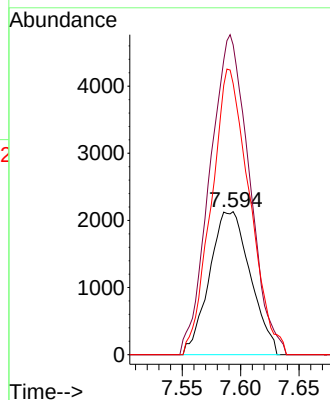
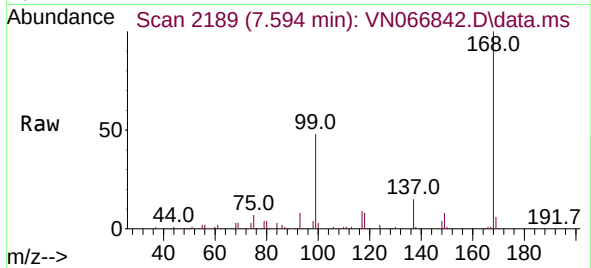




#31
Cyclohexane
Concen: 0.78 ug/l
RT: 7.594 min Scan# 2189
Delta R.T. 0.016 min
Lab File: VN066842.D
Acq: 29 Apr 2021 4:06

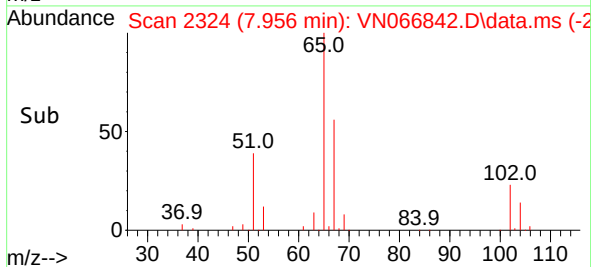
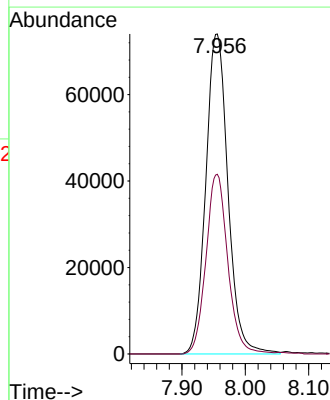
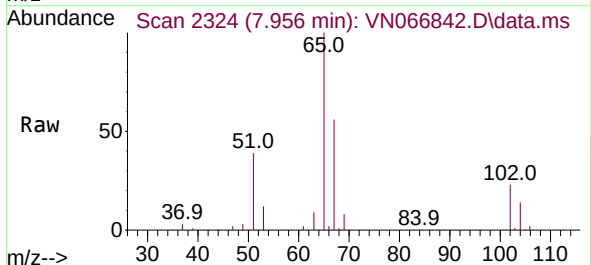
Instrument :
MSVOA_N
ClientSampled :

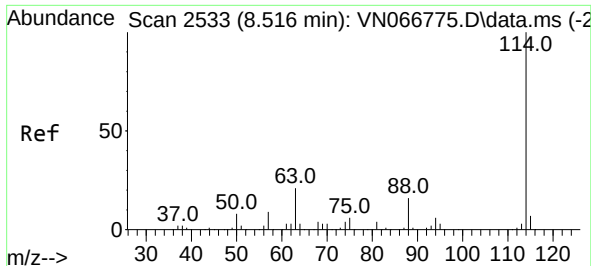
Tgt Ion: 56 Resp: 5188
Ion Ratio Lower Upper
56 100
69 216.6 26.6 39.8#
84 189.5 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 42.09 ug/l
RT: 7.956 min Scan# 2324
Delta R.T. 0.003 min
Lab File: VN066842.D
Acq: 29 Apr 2021 4:06

Tgt Ion: 65 Resp: 180020
Ion Ratio Lower Upper
65 100
67 55.3 0.0 107.2

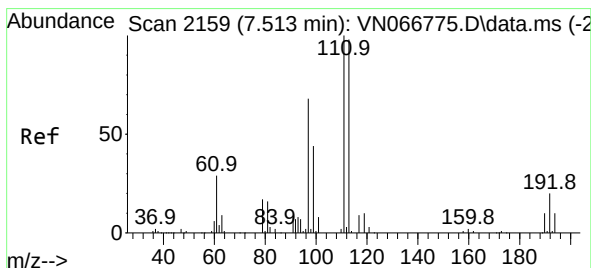
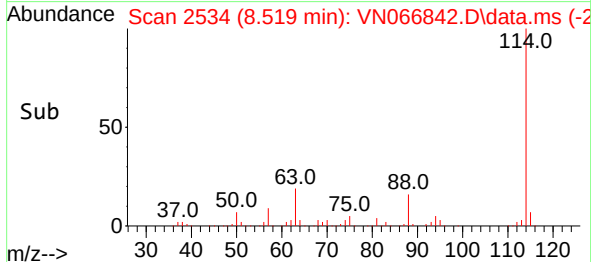
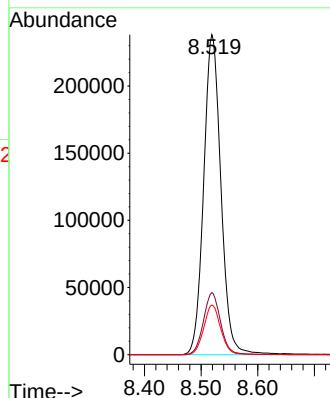
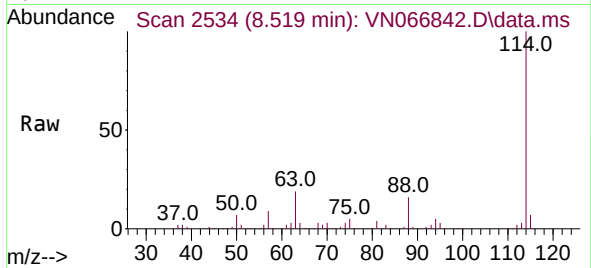




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.519 min Scan# 2534
Delta R.T. 0.003 min
Lab File: VN066842.D
Acq: 29 Apr 2021 4:06

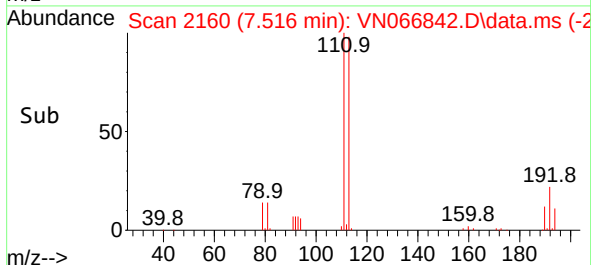
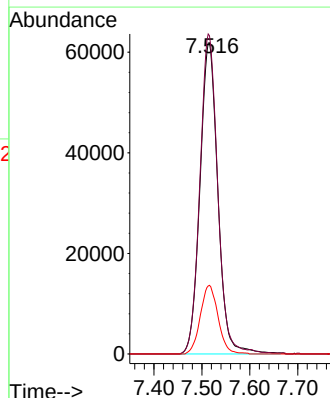
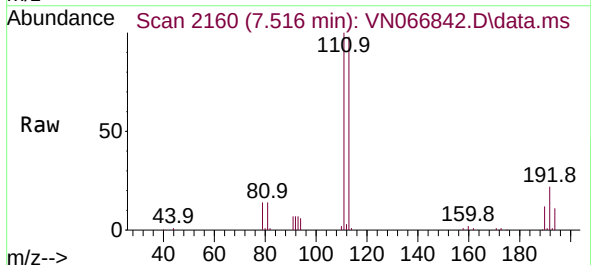
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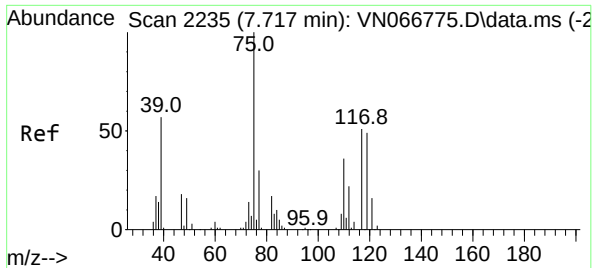
Tgt Ion:114 Resp: 503384
Ion Ratio Lower Upper
114 100
63 19.4 0.0 38.6
88 15.5 0.0 30.6



#35
Dibromofluoromethane
Concen: 51.85 ug/l
RT: 7.516 min Scan# 2160
Delta R.T. 0.003 min
Lab File: VN066842.D
Acq: 29 Apr 2021 4:06

Tgt Ion:113 Resp: 161119
Ion Ratio Lower Upper
113 100
111 101.4 82.2 123.2
192 21.9 15.4 23.0

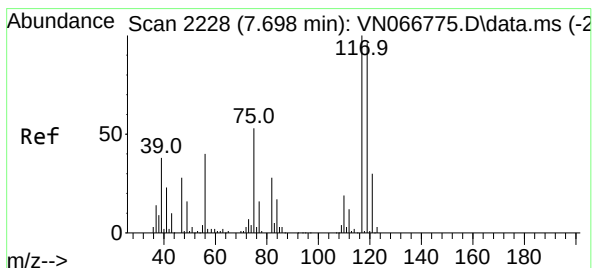
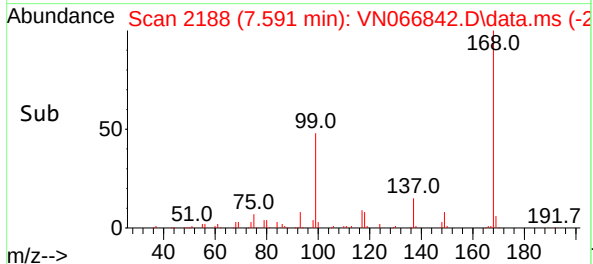
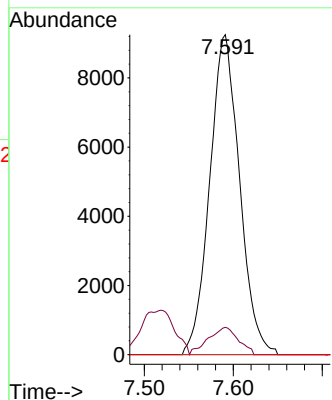
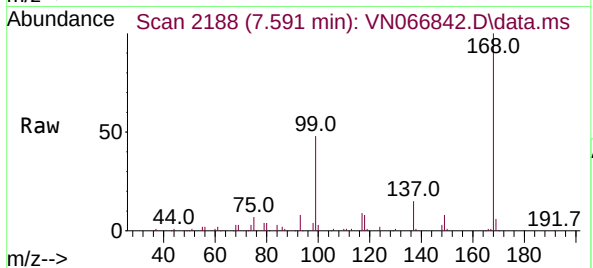




#36
1,1-Dichloropropene
Concen: 4.61 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. -0.126 min
Lab File: VN066842.D
Acq: 29 Apr 2021 4:06

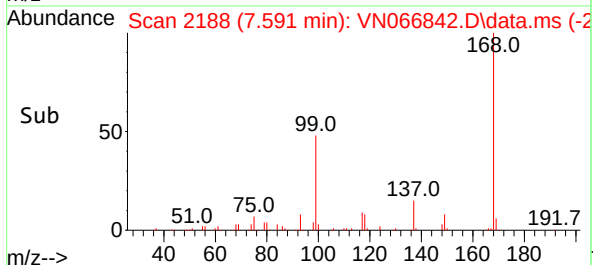
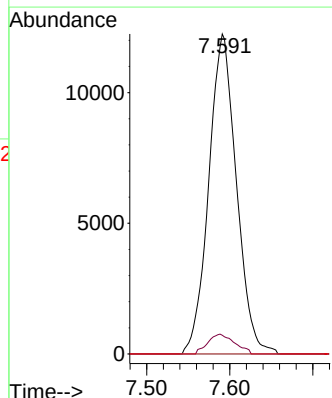
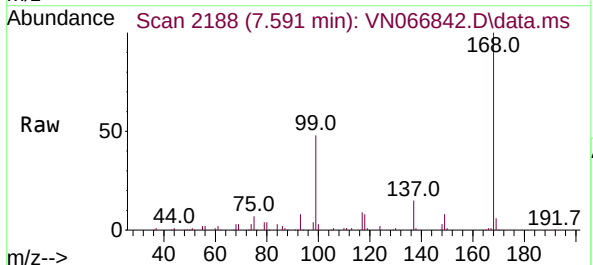
Instrument :
MSVOA_N
ClientSampled :

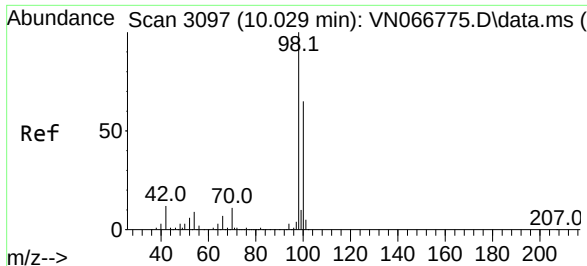
Tgt Ion: 75 Resp: 21582
Ion Ratio Lower Upper
75 100
110 8.6 18.2 54.6#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 6.31 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. -0.107 min
Lab File: VN066842.D
Acq: 29 Apr 2021 4:06

Tgt Ion: 117 Resp: 28318
Ion Ratio Lower Upper
117 100
119 5.9 76.0 114.0#
121 0.0 24.5 36.7#

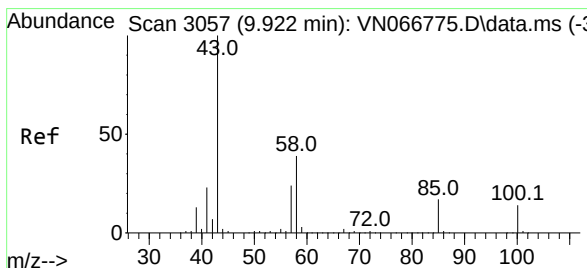
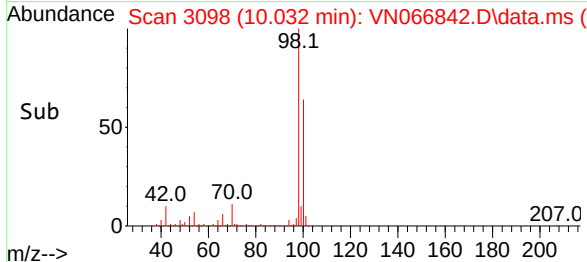
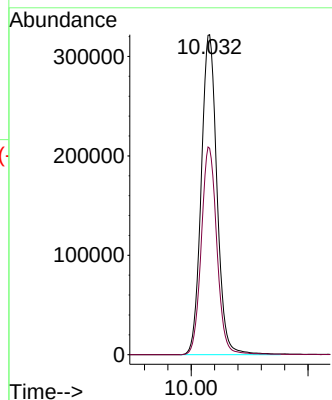
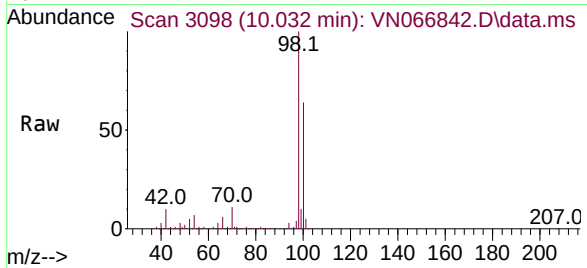




#50
Toluene-d8
Concen: 49.40 ug/l
RT: 10.032 min Scan# 3098
Delta R.T. 0.003 min
Lab File: VN066842.D
Acq: 29 Apr 2021 4:06

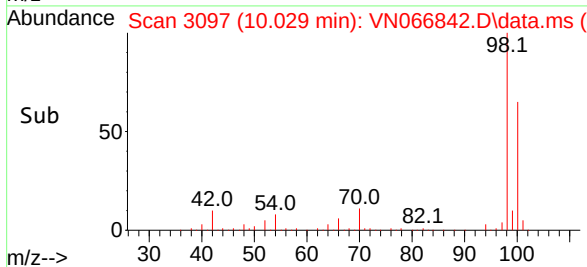
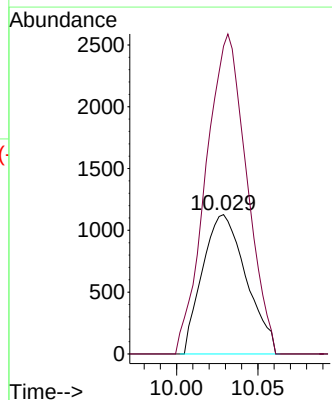
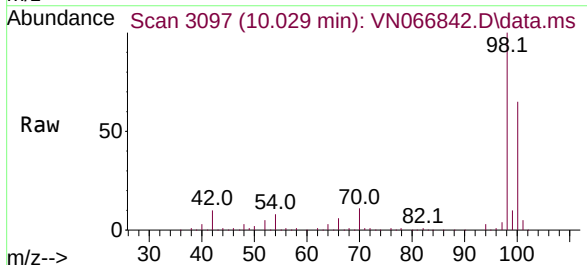
Instrument :
MSVOA_N
ClientSampled :

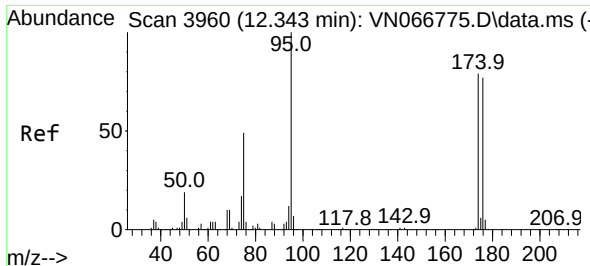
Tgt Ion: 98 Resp: 602523
Ion Ratio Lower Upper
98 100
100 64.4 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 0.49 ug/l
RT: 10.029 min Scan# 3097
Delta R.T. 0.107 min
Lab File: VN066842.D
Acq: 29 Apr 2021 4:06

Tgt Ion: 43 Resp: 2110
Ion Ratio Lower Upper
43 100
58 214.3 32.5 48.7#

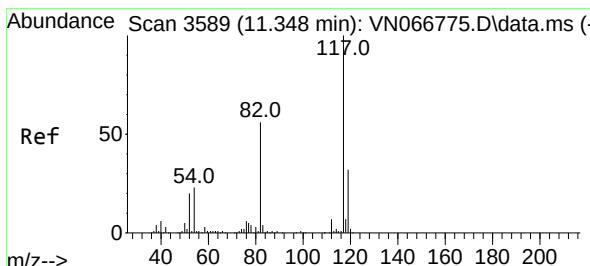
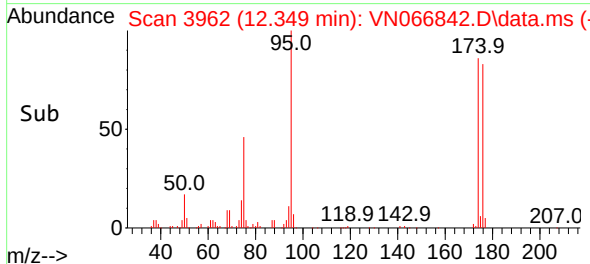
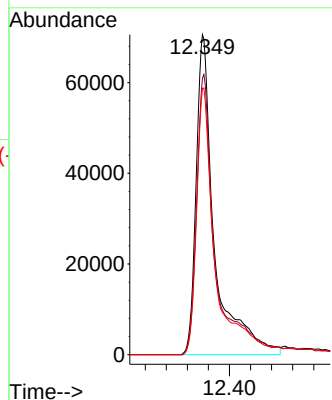
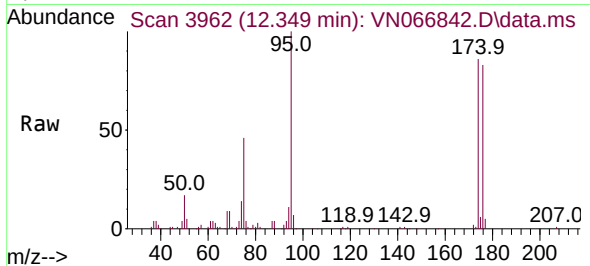




#62
4-Bromofluorobenzene
Concen: 41.57 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. 0.006 min
Lab File: VN066842.D
Acq: 29 Apr 2021 4:06

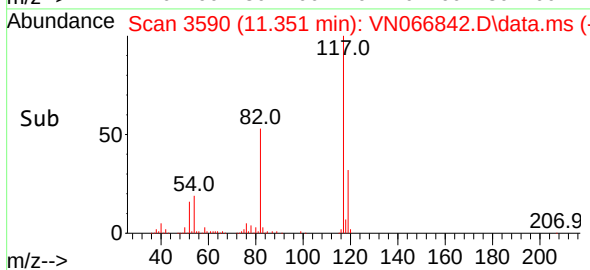
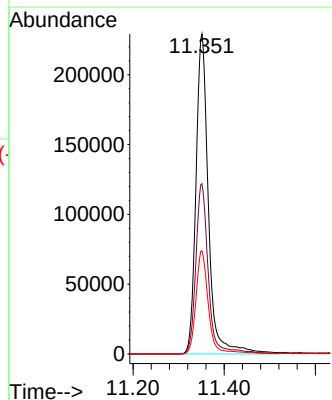
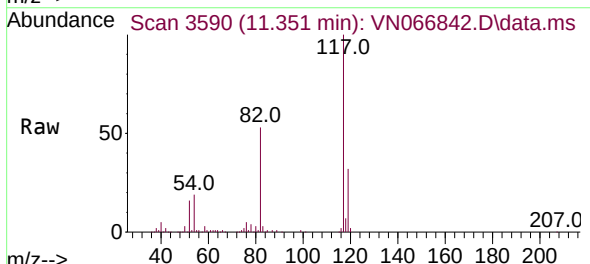
Instrument :
MSVOA_N
ClientSampleId :

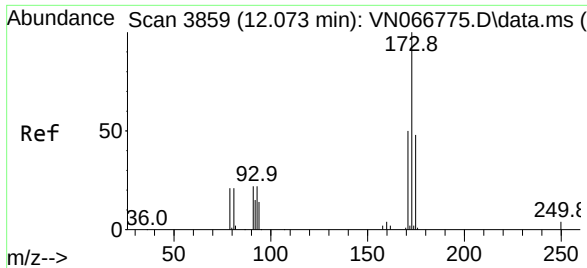
Tgt Ion: 95 Resp: 171557
Ion Ratio Lower Upper
95 100
174 87.1 0.0 169.0
176 83.4 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.351 min Scan# 3590
Delta R.T. 0.003 min
Lab File: VN066842.D
Acq: 29 Apr 2021 4:06

Tgt Ion: 117 Resp: 437418
Ion Ratio Lower Upper
117 100
82 53.2 43.7 65.5
119 32.3 26.1 39.1

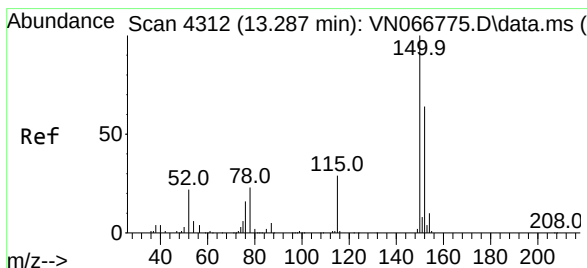
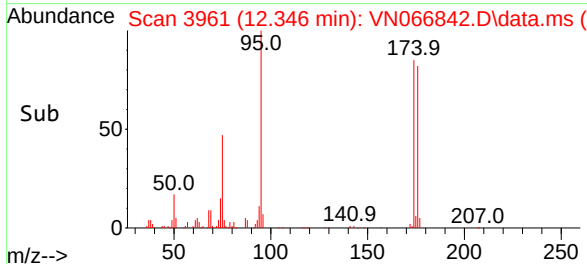
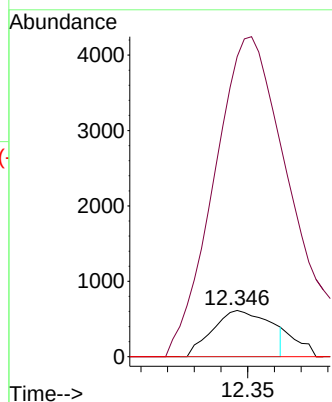
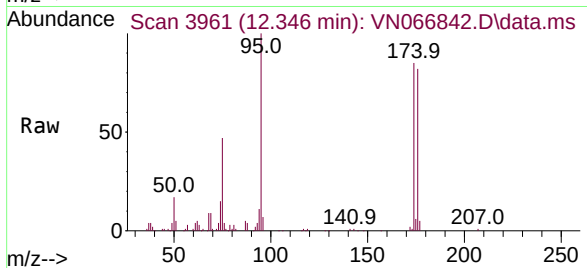




#71
Bromoform
Concen: 0.39 ug/l
RT: 12.346 min Scan# 3961
Delta R.T. 0.273 min
Lab File: VN066842.D
Acq: 29 Apr 2021 4:06

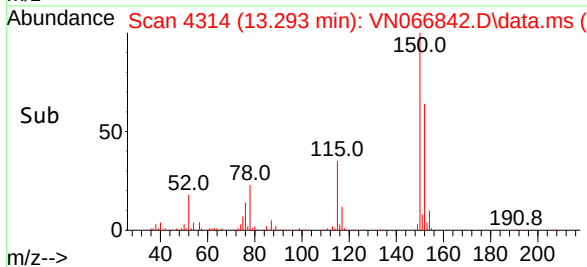
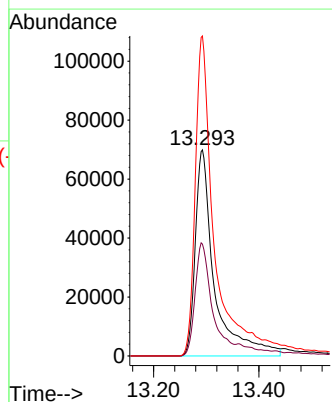
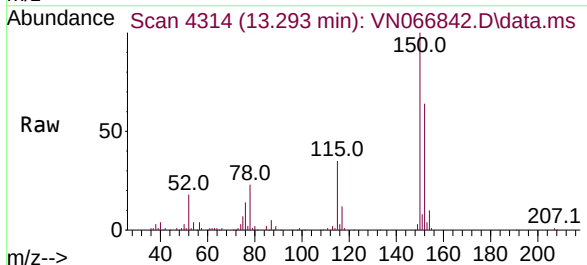
Instrument :
MSVOA_N
ClientSampleId :

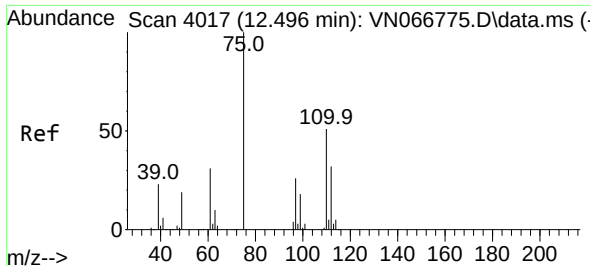
Tgt Ion:173 Resp: 924
Ion Ratio Lower Upper
173 100
175 716.0 23.8 71.2#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.293 min Scan# 4314
Delta R.T. 0.005 min
Lab File: VN066842.D
Acq: 29 Apr 2021 4:06

Tgt Ion:152 Resp: 177301
Ion Ratio Lower Upper
152 100
115 48.8 28.5 85.6
150 159.2 0.0 347.6

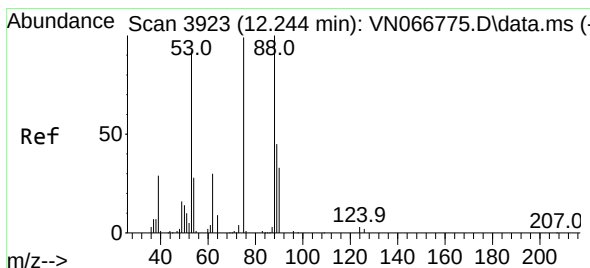
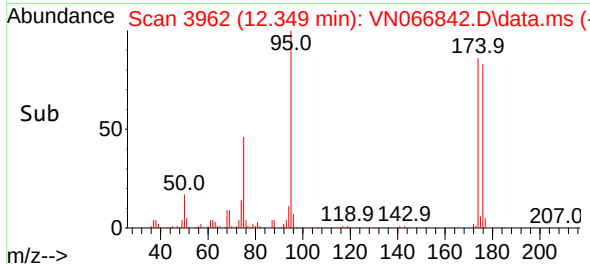
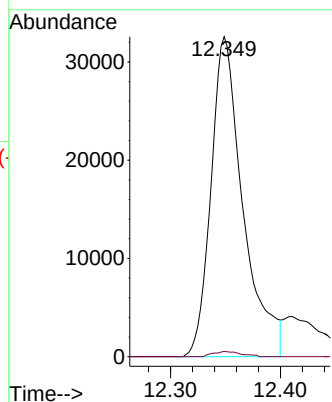
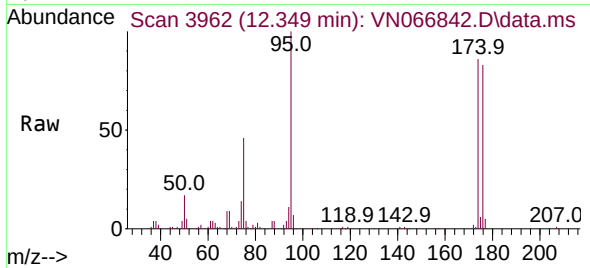




#76
1,2,3-Trichloropropane
Concen: 17.63 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. -0.147 min
Lab File: VN066842.D
Acq: 29 Apr 2021 4:06

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion: 75 Resp: 65880
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 49.37 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. 0.105 min
Lab File: VN066842.D
Acq: 29 Apr 2021 4:06

Tgt Ion: 75 Resp: 65880
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#

