

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042921\
 Data File : VN066854.D
 Acq On : 29 Apr 2021 10:35
 Operator : JC/MD
 Sample : VN0429MBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 30 06:13:43 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)

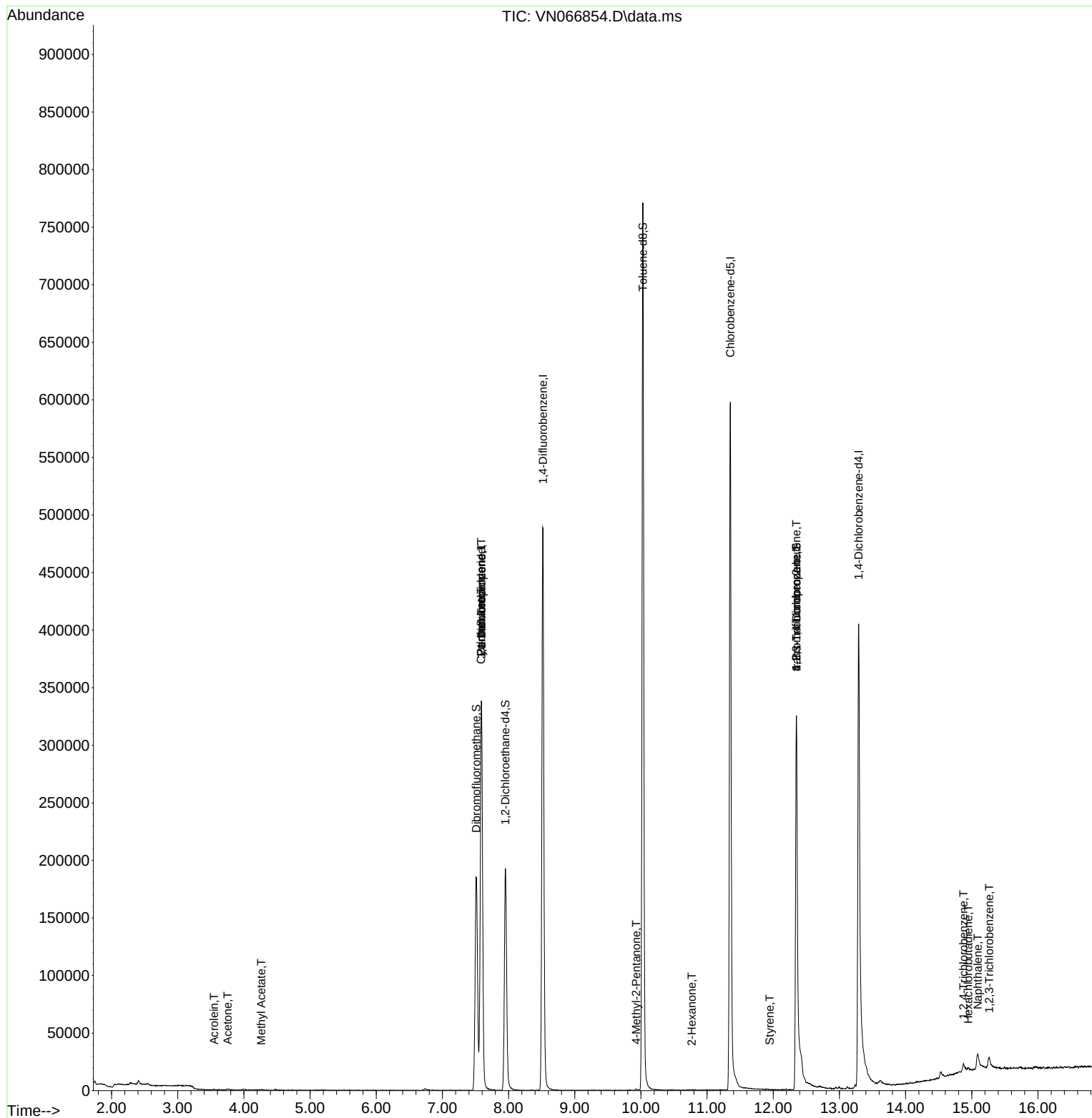
Internal Standards						
1) Pentafluorobenzene	7.588	168	309156	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.519	114	470627	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.351	117	394728	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.290	152	179772	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.950	65	166871	42.01	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	84.02%		
35) Dibromofluoromethane	7.511	113	152613	52.53	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	105.06%		
50) Toluene-d8	10.029	98	560556	49.16	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.32%		
62) 4-Bromofluorobenzene	12.349	95	165746	42.96	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	85.92%		
Target Compounds					Qvalue	
13) Acrolein	3.549	56	328	0.64	ug/l #	80
16) Acetone	3.753	43	708	0.47	ug/l	95
18) Methyl Acetate	4.263	43	1446	1.46	ug/l #	51
31) Cyclohexane	7.586	56	4867	0.79	ug/l #	1
36) 1,1-Dichloropropene	7.591	75	20038	4.58	ug/l #	48
38) Carbon Tetrachloride	7.588	117	26316	6.28	ug/l #	18
51) 4-Methyl-2-Pentanone	9.930	43	1282	0.32	ug/l #	68
59) 2-Hexanone	10.767	43	149	19.59	ug/l #	23
70) Styrene	11.944	104	177	3.06	ug/l #	26
76) 1,2,3-Trichloropropane	12.349	75	73422	19.38	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.349	75	73422	53.56	ug/l #	12
93) 1,2,4-Trichlorobenzene	14.873	180	3784	1.22	ug/l	94
94) Hexachlorobutadiene	14.948	225	547	0.32	ug/l	94
95) Naphthalene	15.090	128	22354	2.80	ug/l #	85
96) 1,2,3-Trichlorobenzene	15.264	180	5958	1.99	ug/l	95

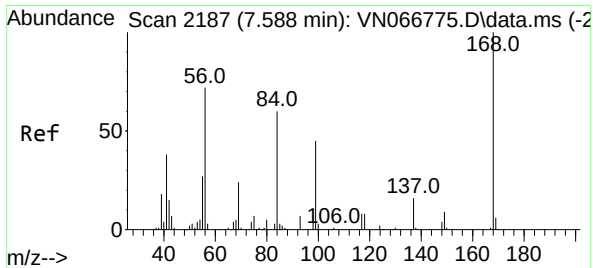
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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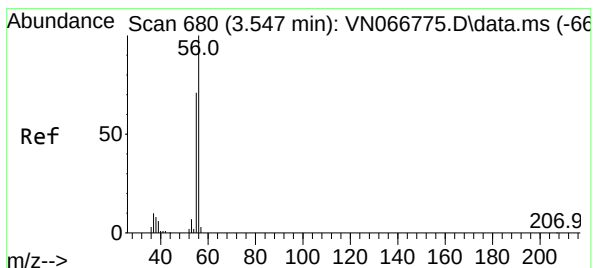
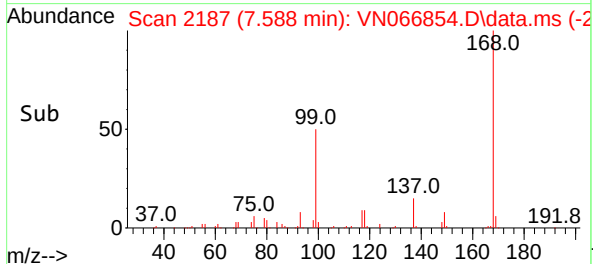
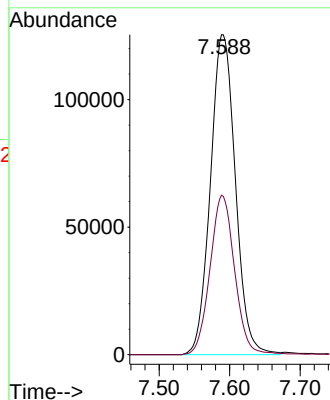
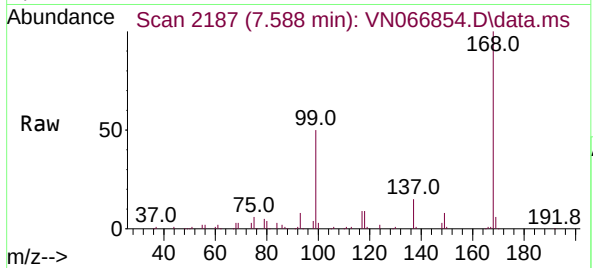




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.588 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VN066854.D
Acq: 29 Apr 2021 10:35

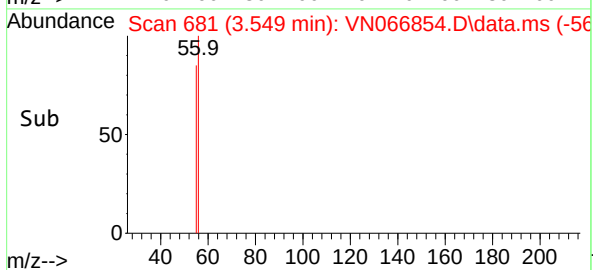
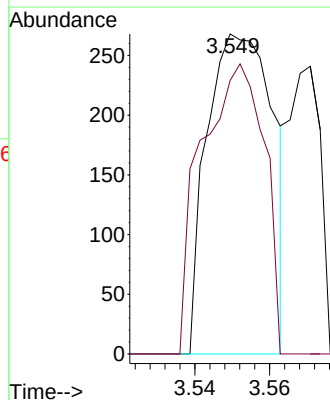
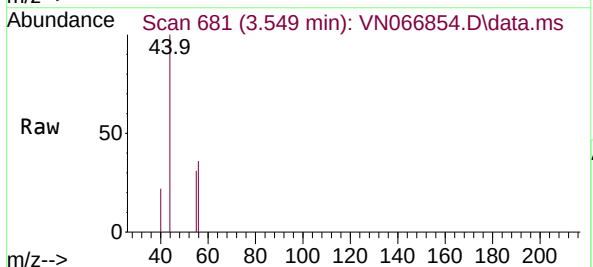
Instrument :
MSVOA_N
ClientSampled :

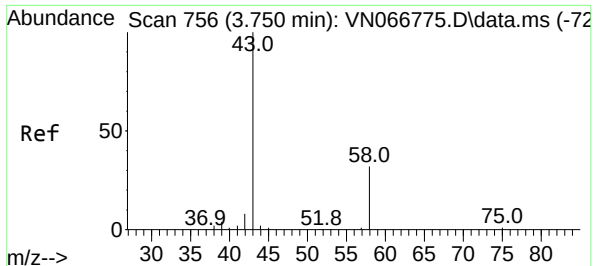
Tgt Ion:168 Resp: 309156
Ion Ratio Lower Upper
168 100
99 49.9 42.6 63.8



#13
Acrolein
Concen: 0.64 ug/l
RT: 3.549 min Scan# 681
Delta R.T. 0.002 min
Lab File: VN066854.D
Acq: 29 Apr 2021 10:35

Tgt Ion: 56 Resp: 328
Ion Ratio Lower Upper
56 100
55 86.6 56.0 84.0#

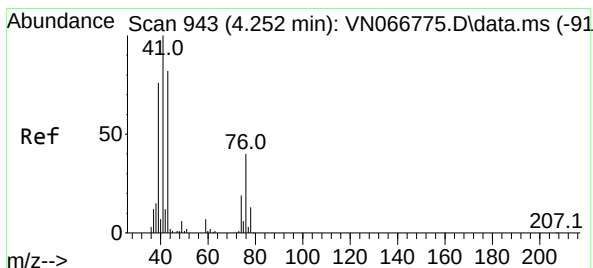
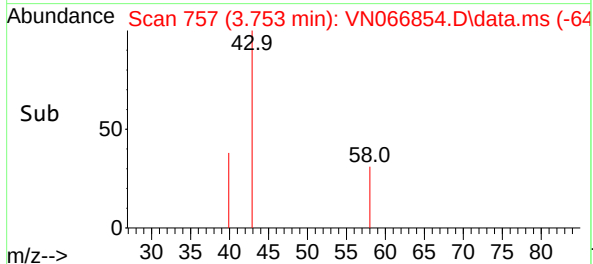
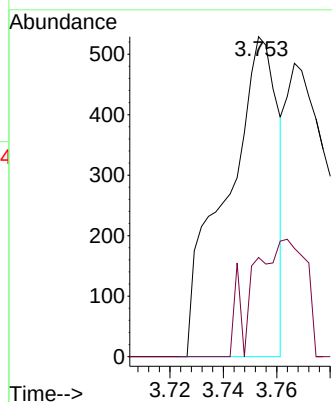
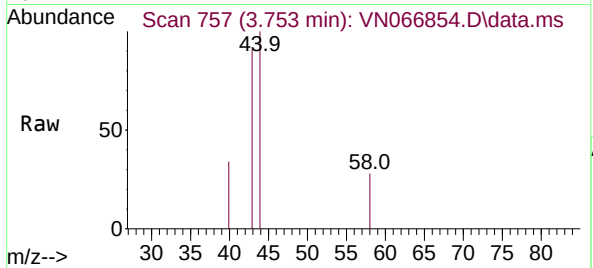




#16
Acetone
Concen: 0.47 ug/l
RT: 3.753 min Scan# 757
Delta R.T. 0.003 min
Lab File: VN066854.D
Acq: 29 Apr 2021 10:35

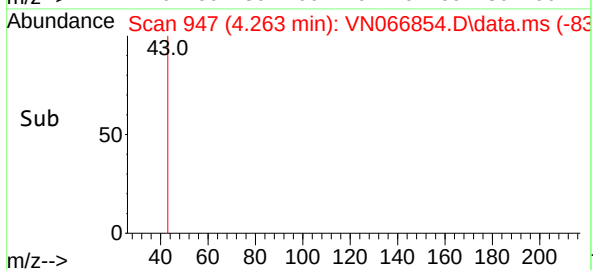
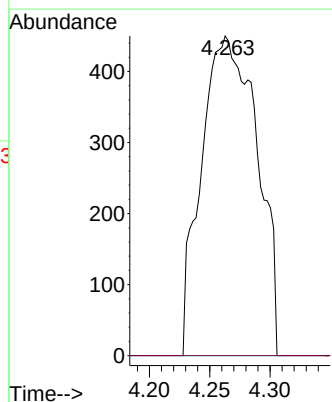
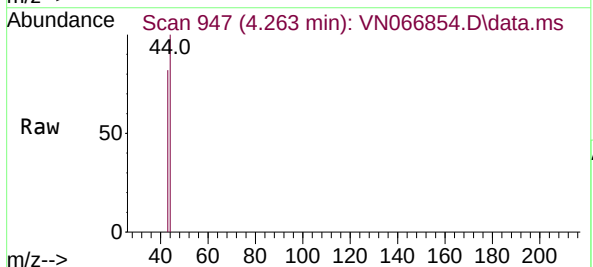
Instrument :
MSVOA_N
ClientSampled :

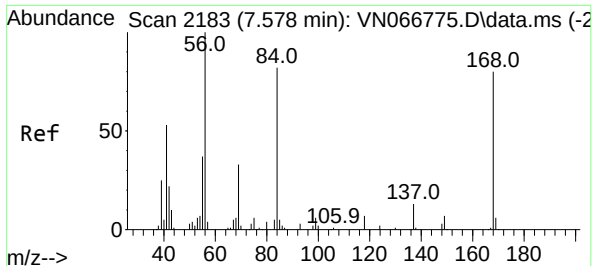
Tgt Ion: 43 Resp: 708
Ion Ratio Lower Upper
43 100
58 31.0 27.0 40.6



#18
Methyl Acetate
Concen: 1.46 ug/l
RT: 4.263 min Scan# 947
Delta R.T. 0.011 min
Lab File: VN066854.D
Acq: 29 Apr 2021 10:35

Tgt Ion: 43 Resp: 1446
Ion Ratio Lower Upper
43 100
74 0.0 19.5 29.3#

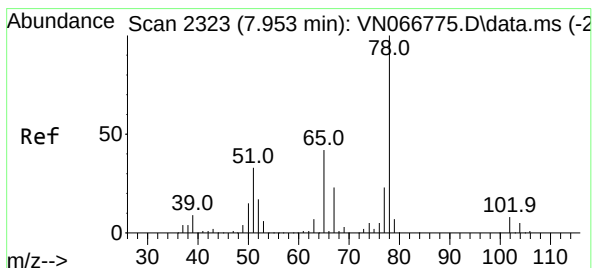
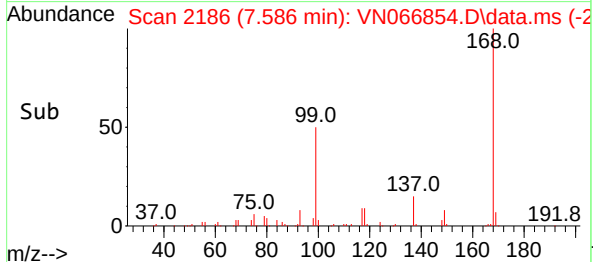
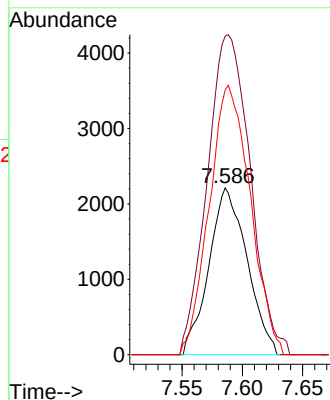
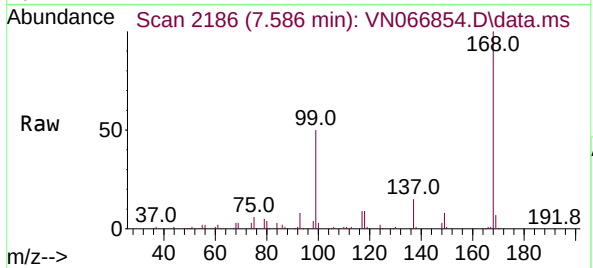




#31
Cyclohexane
Concen: 0.79 ug/l
RT: 7.586 min Scan# 2186
Delta R.T. 0.008 min
Lab File: VN066854.D
Acq: 29 Apr 2021 10:35

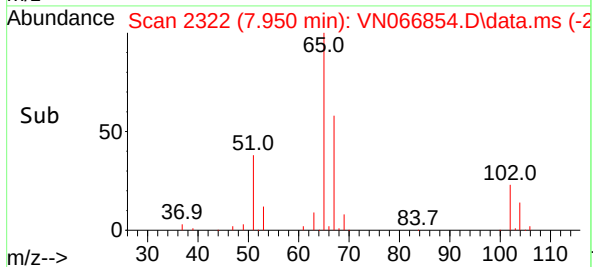
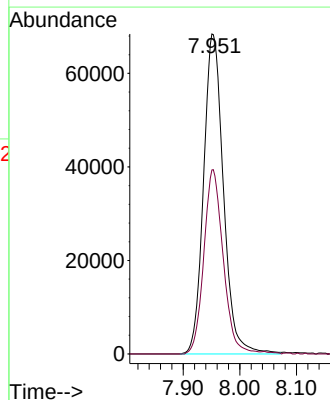
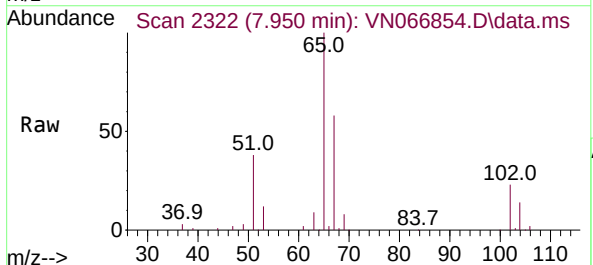
Instrument :
MSVOA_N
ClientSampled :

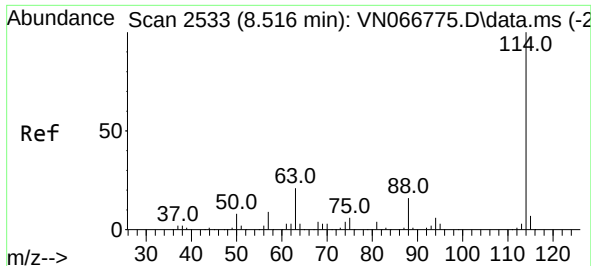
Tgt Ion: 56 Resp: 4867
Ion Ratio Lower Upper
56 100
69 191.0 26.6 39.8#
84 158.6 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 42.01 ug/l
RT: 7.950 min Scan# 2322
Delta R.T. -0.003 min
Lab File: VN066854.D
Acq: 29 Apr 2021 10:35

Tgt Ion: 65 Resp: 166871
Ion Ratio Lower Upper
65 100
67 56.1 0.0 107.2

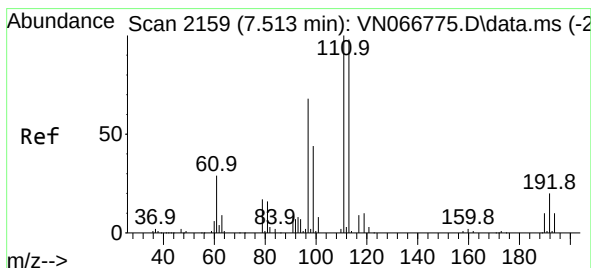
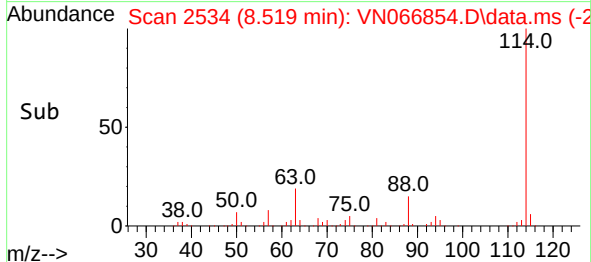
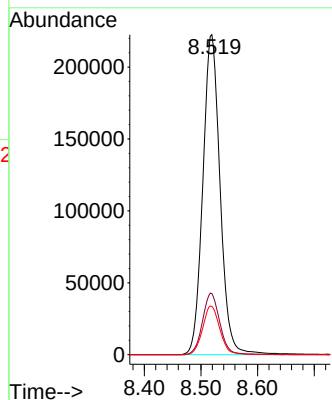
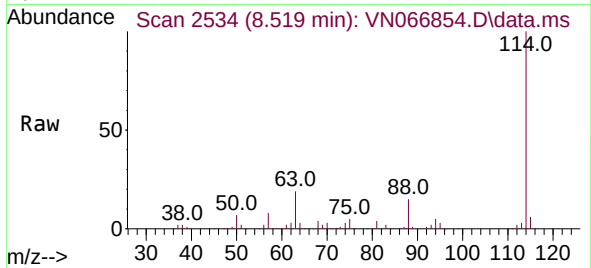




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.519 min Scan# 2534
Delta R.T. 0.003 min
Lab File: VN066854.D
Acq: 29 Apr 2021 10:35

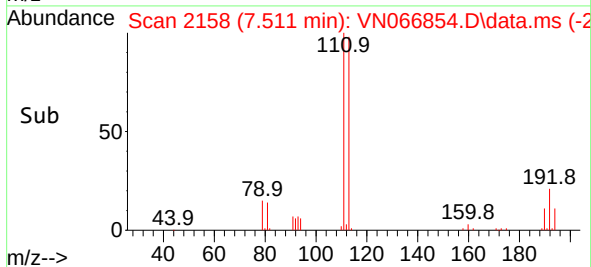
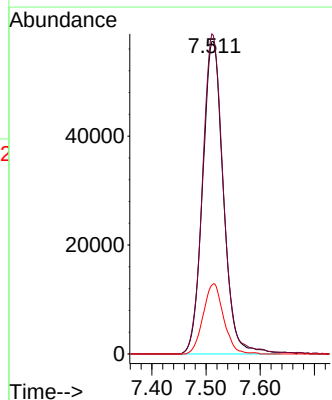
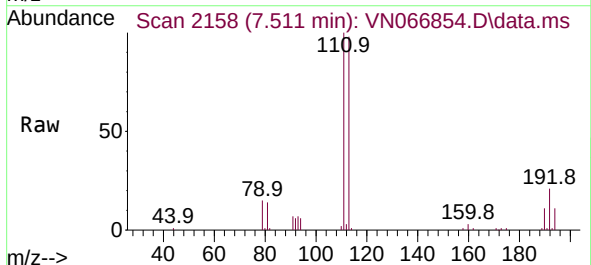
Instrument :
MSVOA_N
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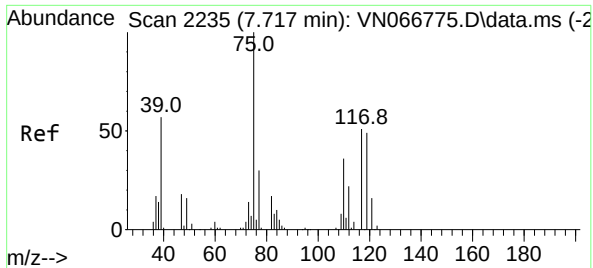
Tgt Ion:114 Resp: 470627
Ion Ratio Lower Upper
114 100
63 19.1 0.0 38.6
88 15.1 0.0 30.6



#35
Dibromofluoromethane
Concen: 52.53 ug/l
RT: 7.511 min Scan# 2158
Delta R.T. -0.002 min
Lab File: VN066854.D
Acq: 29 Apr 2021 10:35

Tgt Ion:113 Resp: 152613
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.2
192 22.1 15.4 23.0

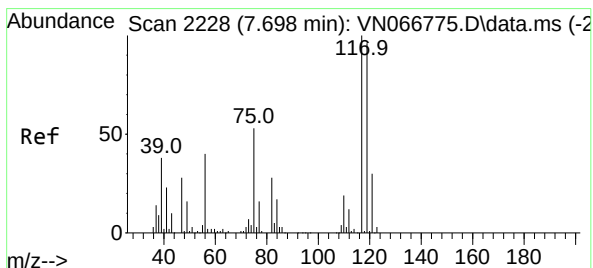
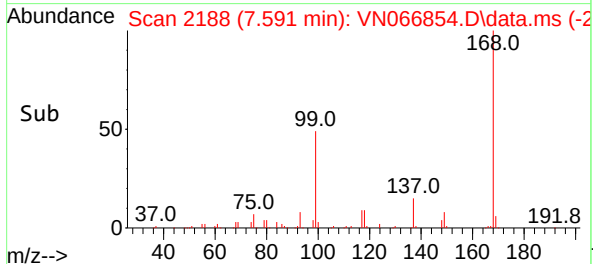
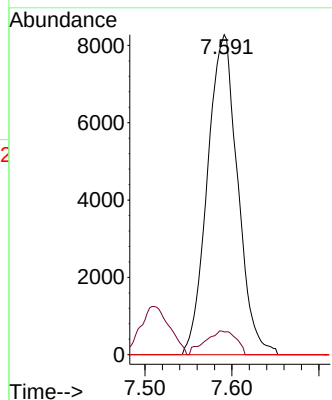
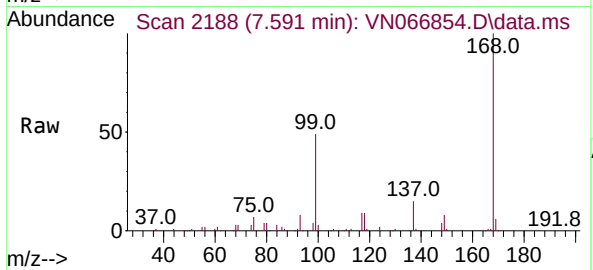




#36
 1,1-Dichloropropene
 Concen: 4.58 ug/l
 RT: 7.591 min Scan# 2188
 Delta R.T. -0.126 min
 Lab File: VN066854.D
 Acq: 29 Apr 2021 10:35

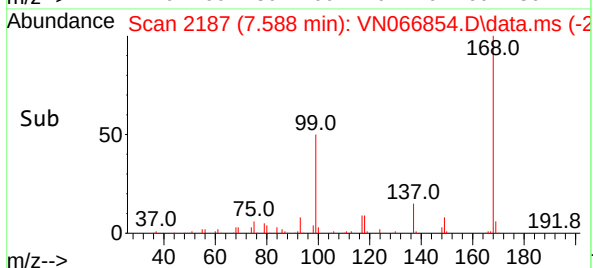
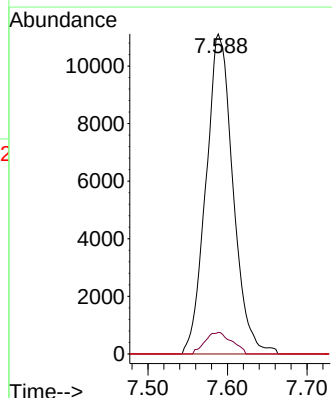
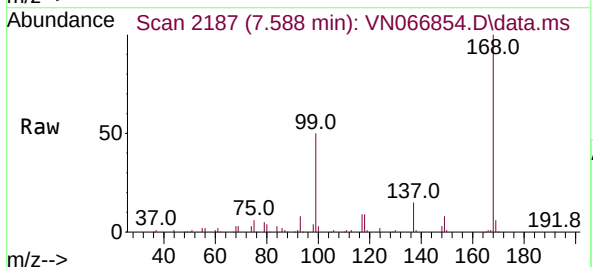
Instrument :
 MSVOA_N
 ClientSampled :

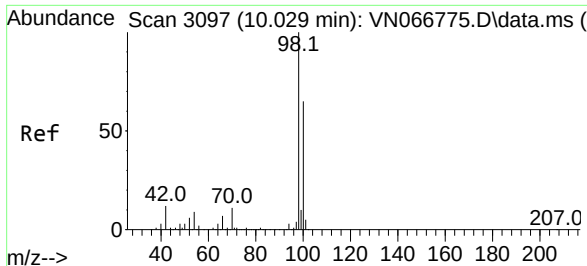
Tgt Ion: 75 Resp: 20038
 Ion Ratio Lower Upper
 75 100
 110 7.6 18.2 54.6#
 77 0.0 24.9 37.3#



#38
 Carbon Tetrachloride
 Concen: 6.28 ug/l
 RT: 7.588 min Scan# 2187
 Delta R.T. -0.110 min
 Lab File: VN066854.D
 Acq: 29 Apr 2021 10:35

Tgt Ion: 117 Resp: 26316
 Ion Ratio Lower Upper
 117 100
 119 6.7 76.0 114.0#
 121 0.0 24.5 36.7#

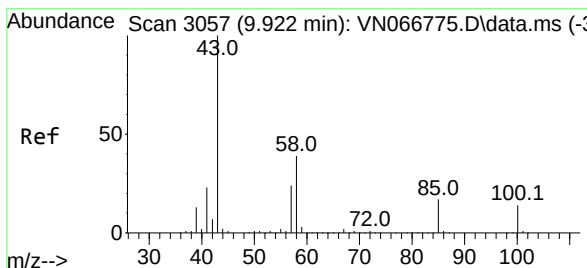
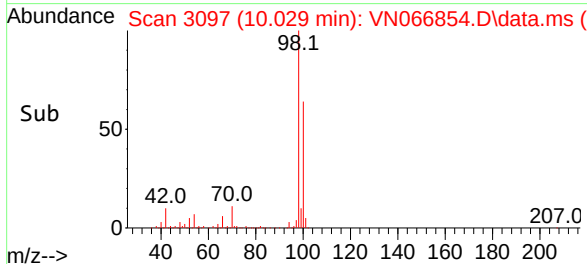
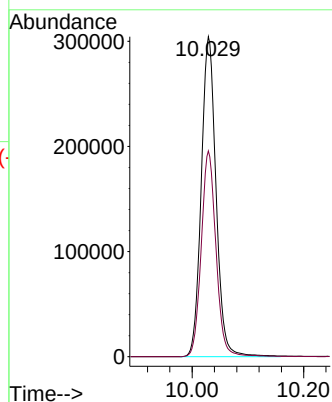
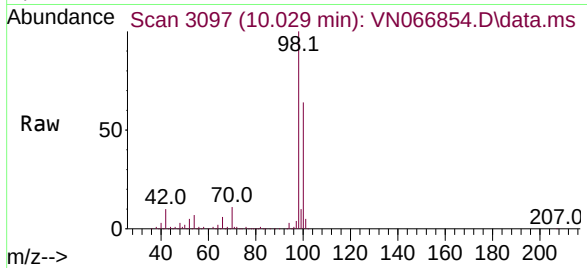




#50
Toluene-d8
Concen: 49.16 ug/l
RT: 10.029 min Scan# 3097
Delta R.T. 0.000 min
Lab File: VN066854.D
Acq: 29 Apr 2021 10:35

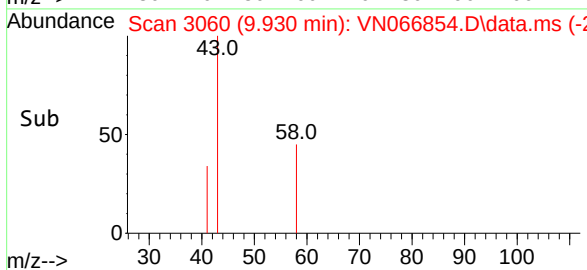
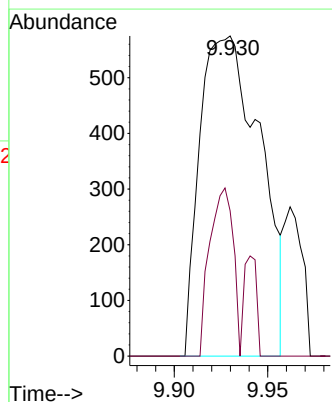
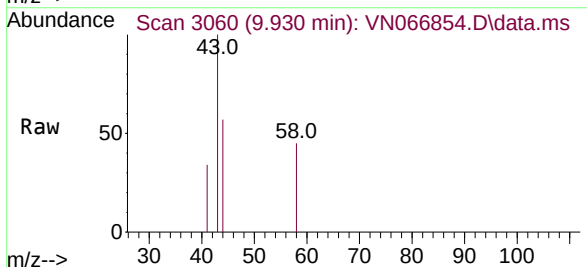
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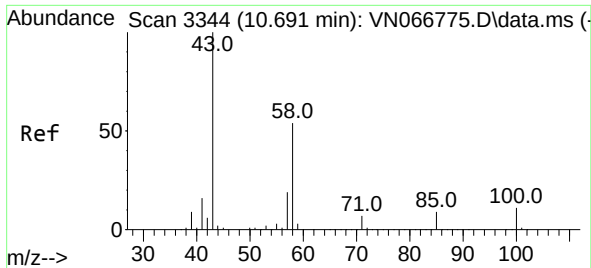
Tgt Ion: 98 Resp: 560556
Ion Ratio Lower Upper
98 100
100 64.1 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 0.32 ug/l
RT: 9.930 min Scan# 3060
Delta R.T. 0.008 min
Lab File: VN066854.D
Acq: 29 Apr 2021 10:35

Tgt Ion: 43 Resp: 1282
Ion Ratio Lower Upper
43 100
58 20.5 32.5 48.7#

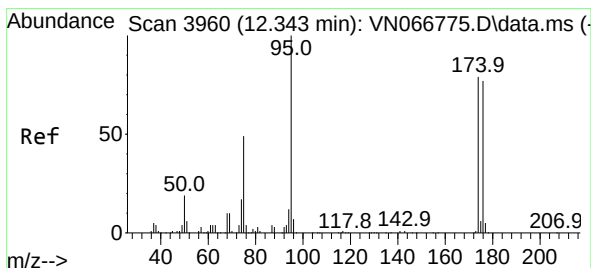
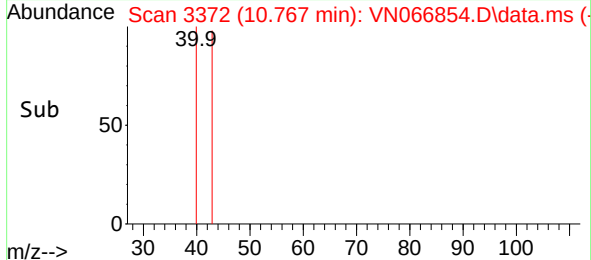
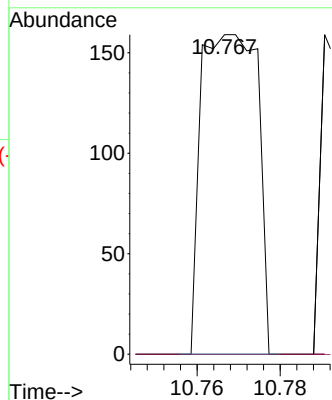
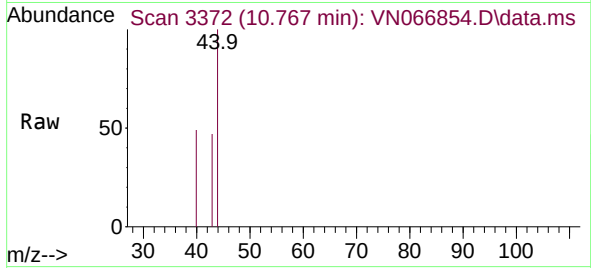




#59
2-Hexanone
Concen: 19.59 ug/l
RT: 10.767 min Scan# 3372
Delta R.T. 0.076 min
Lab File: VN066854.D
Acq: 29 Apr 2021 10:35

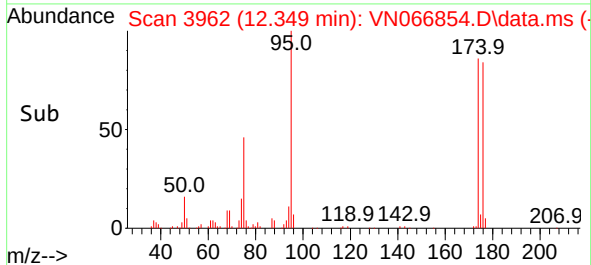
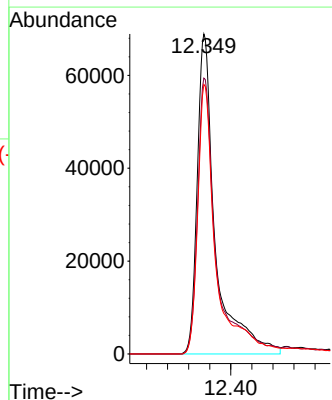
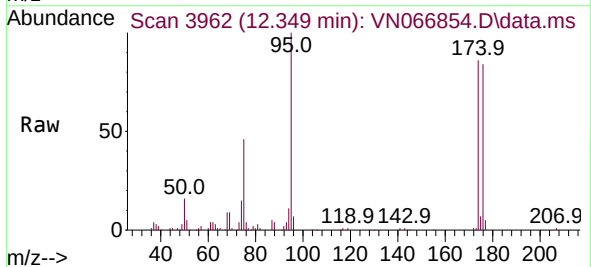
Instrument :
MSVOA_N
ClientSampled :

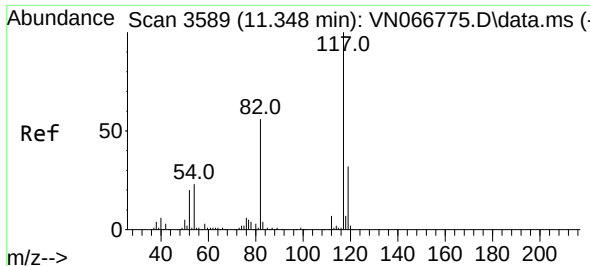
Tgt Ion: 43 Resp: 149
Ion Ratio Lower Upper
43 100
58 0.0 28.1 84.3#



#62
4-Bromofluorobenzene
Concen: 42.96 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. 0.006 min
Lab File: VN066854.D
Acq: 29 Apr 2021 10:35

Tgt Ion: 95 Resp: 165746
Ion Ratio Lower Upper
95 100
174 86.3 0.0 169.0
176 84.6 0.0 162.4

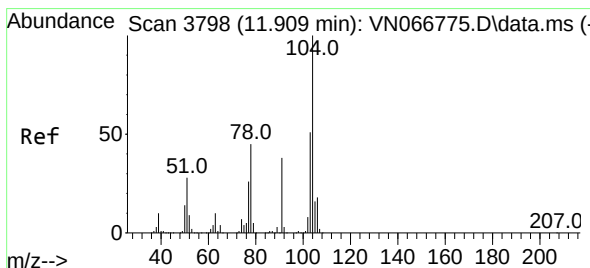
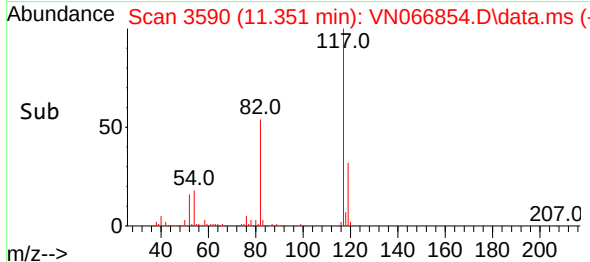
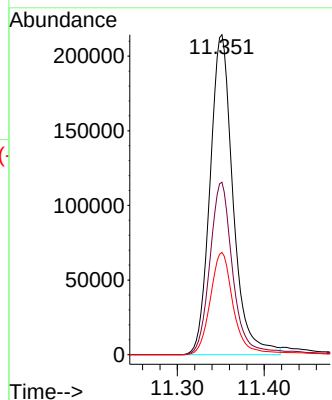
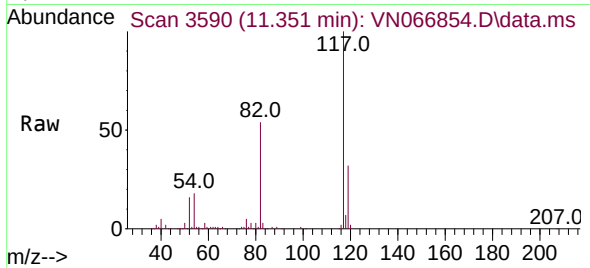




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.351 min Scan# 3590
Delta R.T. 0.003 min
Lab File: VN066854.D
Acq: 29 Apr 2021 10:35

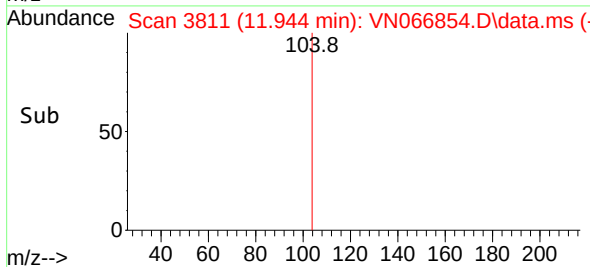
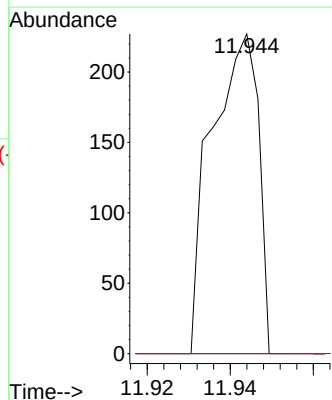
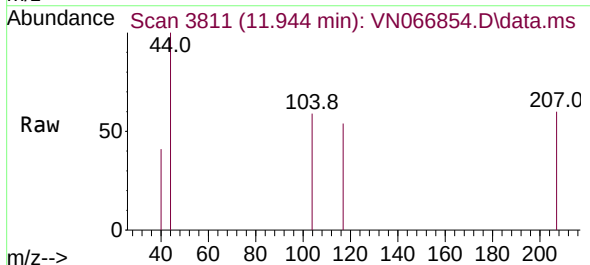
Instrument :
MSVOA_N
ClientSampleId :

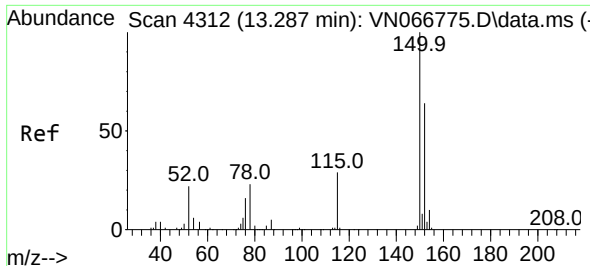
Tgt Ion:117 Resp: 394728
Ion Ratio Lower Upper
117 100
82 53.9 43.7 65.5
119 32.0 26.1 39.1



#70
Styrene
Concen: 3.06 ug/l
RT: 11.944 min Scan# 3811
Delta R.T. 0.035 min
Lab File: VN066854.D
Acq: 29 Apr 2021 10:35

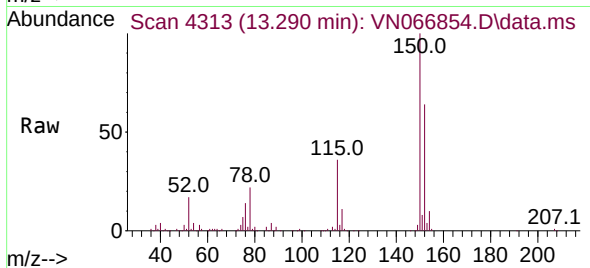
Tgt Ion:104 Resp: 177
Ion Ratio Lower Upper
104 100
78 0.0 39.0 58.4#
103 0.0 44.5 66.7#



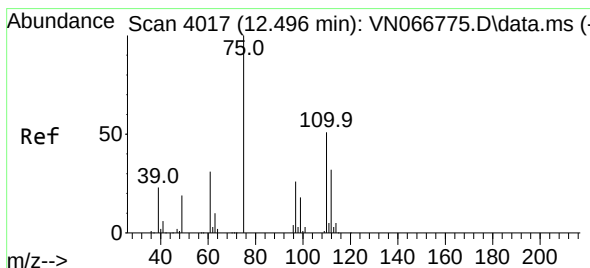
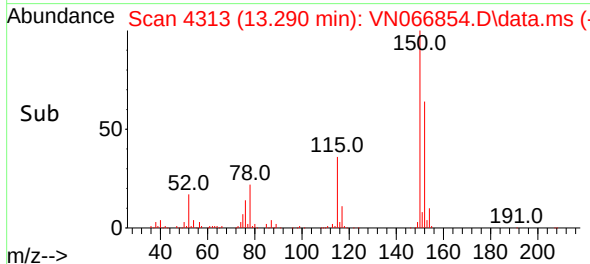
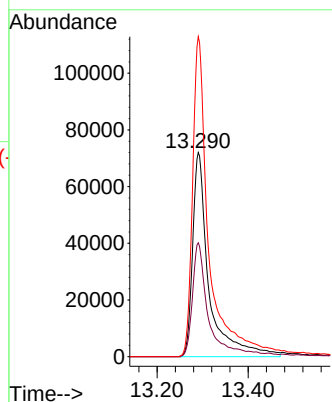


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.290 min Scan# 4313
 Delta R.T. 0.003 min
 Lab File: VN066854.D
 Acq: 29 Apr 2021 10:35

Instrument :
 MSVOA_N
 ClientSampled :

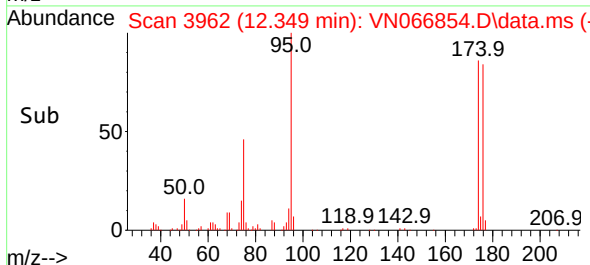
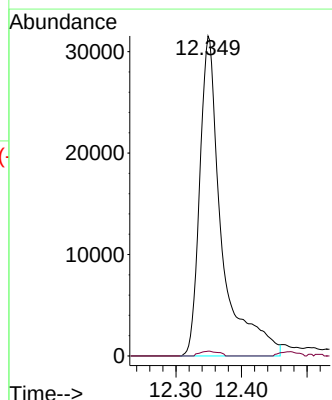
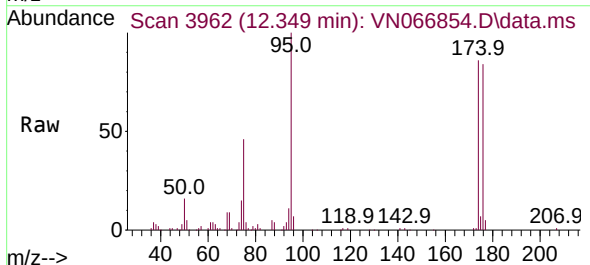


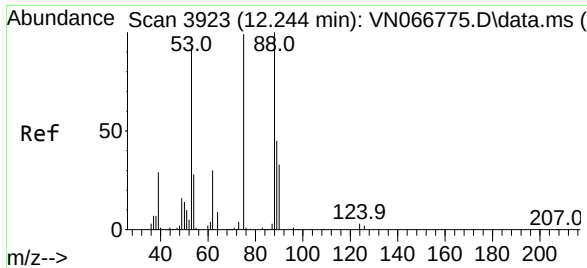
Tgt Ion:152 Resp: 179772
 Ion Ratio Lower Upper
 152 100
 115 54.6 28.5 85.6
 150 159.0 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 19.38 ug/l
 RT: 12.349 min Scan# 3962
 Delta R.T. -0.147 min
 Lab File: VN066854.D
 Acq: 29 Apr 2021 10:35

Tgt Ion: 75 Resp: 73422
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#

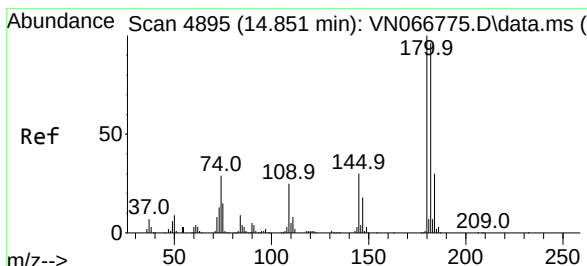
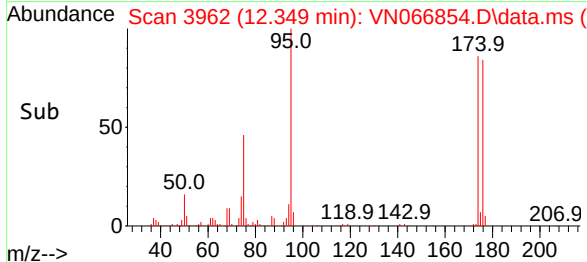
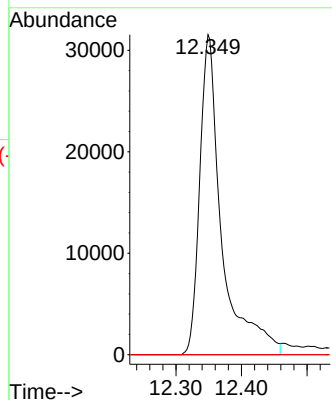
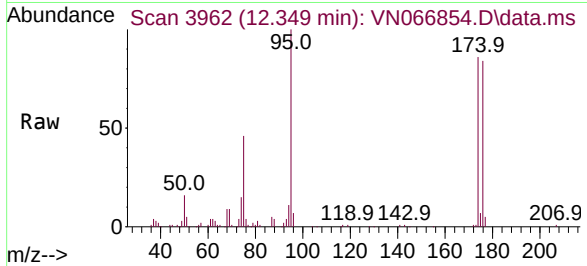




#81
 trans-1,4-Dichloro-2-butene
 Concen: 53.56 ug/l
 RT: 12.349 min Scan# 3962
 Delta R.T. 0.105 min
 Lab File: VN066854.D
 Acq: 29 Apr 2021 10:35

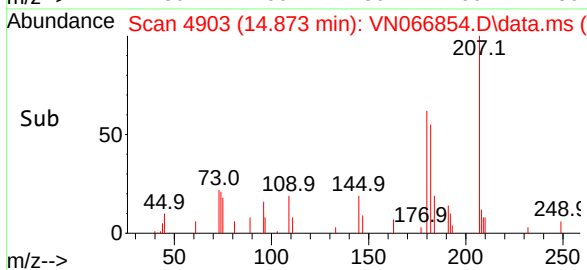
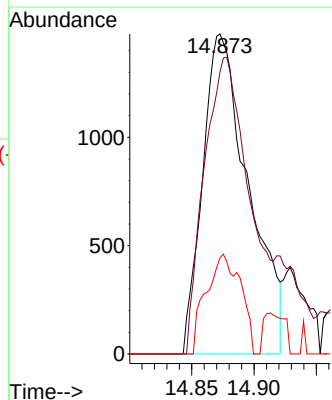
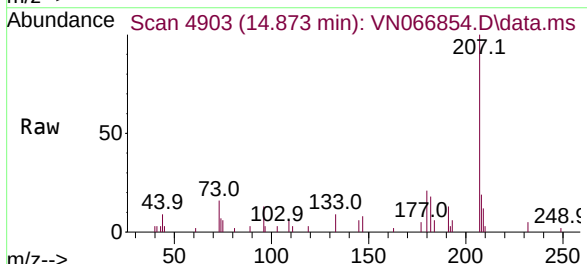
Instrument :
 MSVOA_N
 ClientSampled :

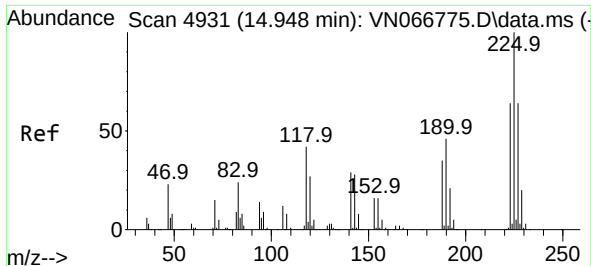
Tgt Ion: 75 Resp: 73422
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.6 111.8#
 89 0.0 35.8 53.8#



#93
 1,2,4-Trichlorobenzene
 Concen: 1.22 ug/l
 RT: 14.873 min Scan# 4903
 Delta R.T. 0.022 min
 Lab File: VN066854.D
 Acq: 29 Apr 2021 10:35

Tgt Ion: 180 Resp: 3784
 Ion Ratio Lower Upper
 180 100
 182 91.9 47.3 142.0
 145 23.4 15.6 46.8

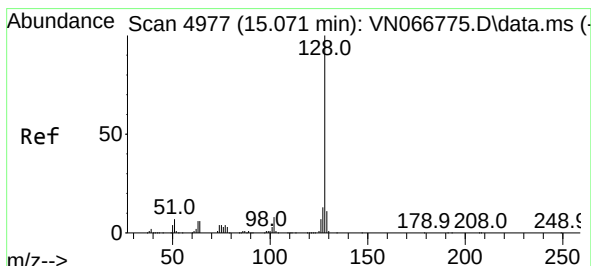
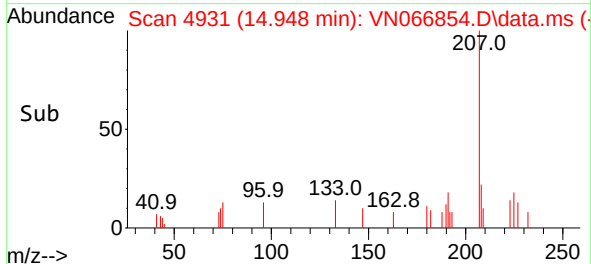
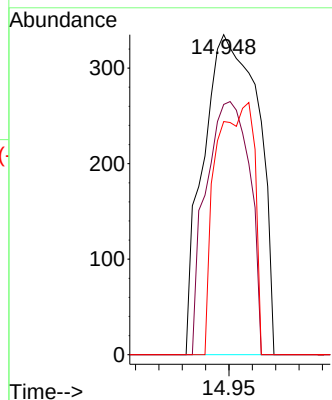
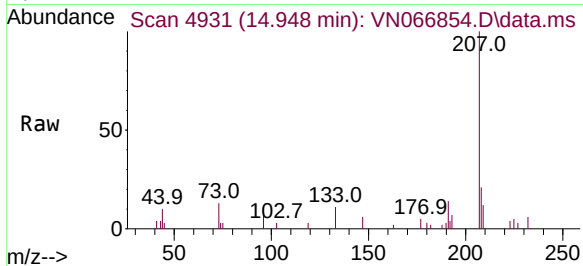




#94
Hexachlorobutadiene
Concen: 0.32 ug/l
RT: 14.948 min Scan# 4931
Delta R.T. -0.000 min
Lab File: VN066854.D
Acq: 29 Apr 2021 10:35

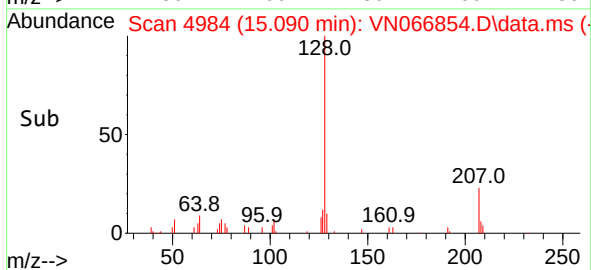
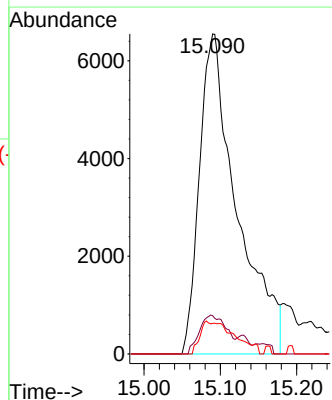
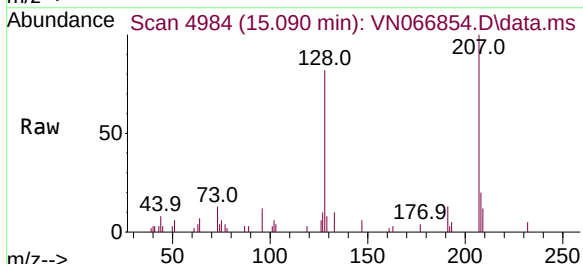
Instrument :
MSVOA_N
ClientSampleId :

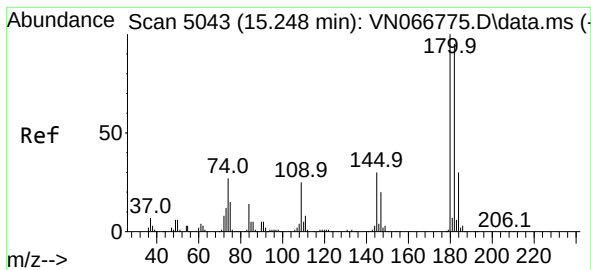
Tgt Ion:	225	Resp:	547
Ion	Ratio	Lower	Upper
225	100		
223	62.7	31.9	95.9
227	54.8	31.6	95.0



#95
Naphthalene
Concen: 2.80 ug/l
RT: 15.090 min Scan# 4984
Delta R.T. 0.019 min
Lab File: VN066854.D
Acq: 29 Apr 2021 10:35

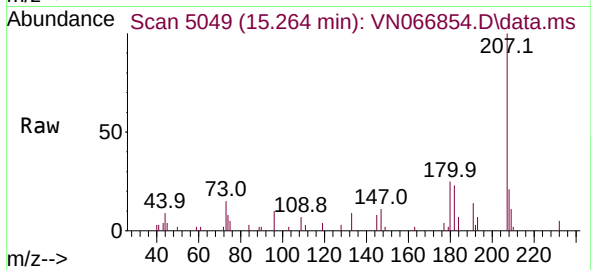
Tgt Ion:	128	Resp:	22354
Ion	Ratio	Lower	Upper
128	100		
127	8.8	10.2	15.2#
129	3.0	8.6	13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.99 ug/l
 RT: 15.264 min Scan# 5049
 Delta R.T. 0.016 min
 Lab File: VN066854.D
 Acq: 29 Apr 2021 10:35

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	5958
Ion	Ratio	Lower	Upper
180	100		
182	100.1	47.4	142.3
145	30.7	16.5	49.5

