

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042921\
 Data File : VN066866.D
 Acq On : 29 Apr 2021 16:51
 Operator : JC/MD
 Sample : M2137-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 30 06:15:42 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)

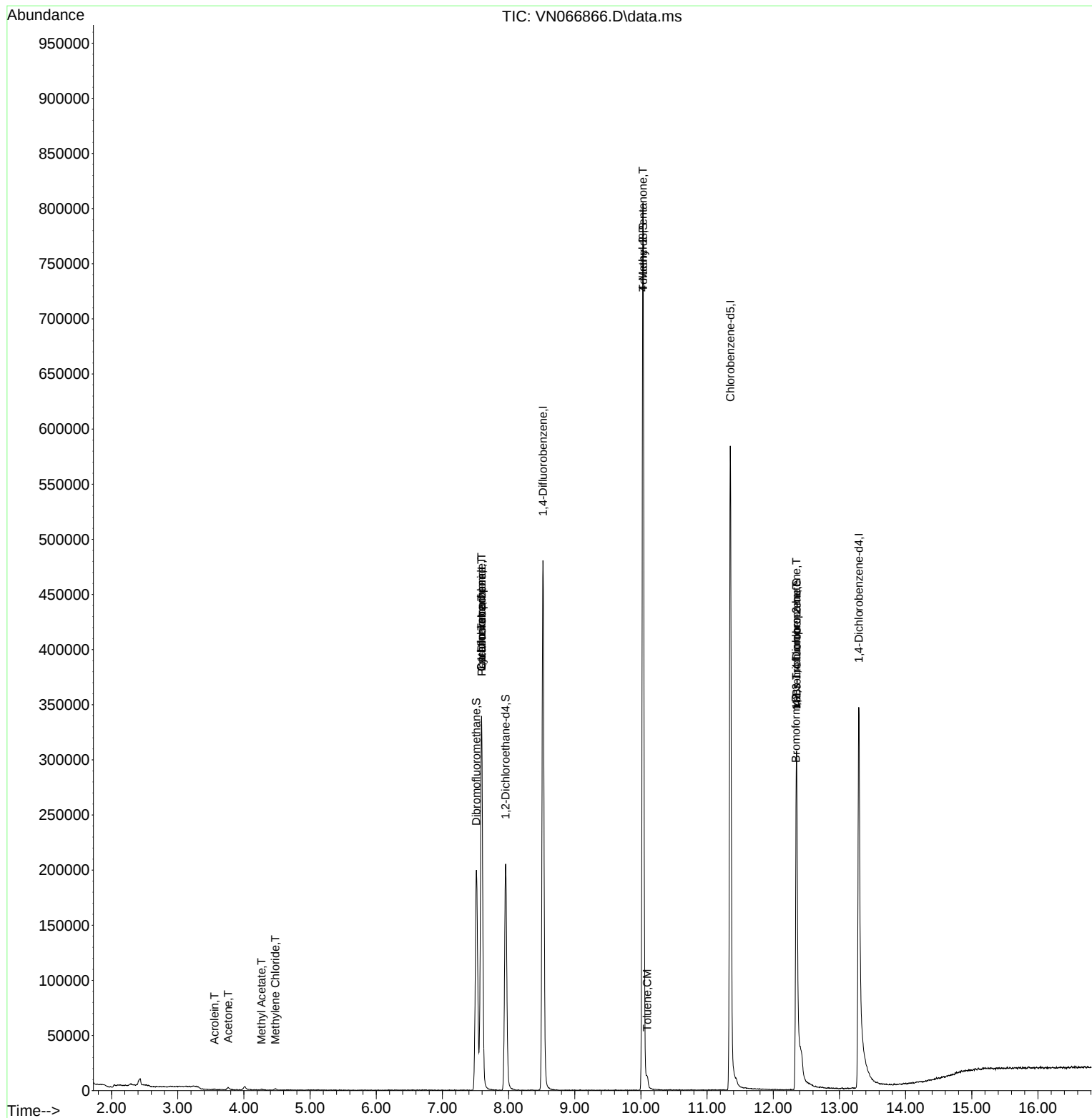
Internal Standards						
1) Pentafluorobenzene	7.594	168	304019	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.519	114	460065	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.351	117	392511	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.293	152	162111	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.956	65	177033	45.32	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 90.64%			
35) Dibromofluoromethane	7.513	113	161643	56.92	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 113.84%			
50) Toluene-d8	10.032	98	580819	52.10	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 104.20%			
62) 4-Bromofluorobenzene	12.352	95	166960	44.27	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 88.54%			
Target Compounds						
13) Acrolein	3.555	56	293	0.58	ug/l #	74
16) Acetone	3.761	43	3507	2.38	ug/l	94
18) Methyl Acetate	4.265	43	909	1.34	ug/l #	62
20) Methylene Chloride	4.475	84	964	0.26	ug/l #	73
31) Cyclohexane	7.591	56	4564	0.76	ug/l #	1
36) 1,1-Dichloropropene	7.591	75	19107	4.47	ug/l #	48
38) Carbon Tetrachloride	7.591	117	25684	6.27	ug/l #	17
51) 4-Methyl-2-Pentanone	10.029	43	2071	0.53	ug/l #	1
52) Toluene	10.096	92	3379	0.42	ug/l	98
71) Bromoform	12.343	173	598	0.28	ug/l #	1
76) 1,2,3-Trichloropropane	12.349	75	63344	18.54	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.349	75	63344	51.55	ug/l #	12

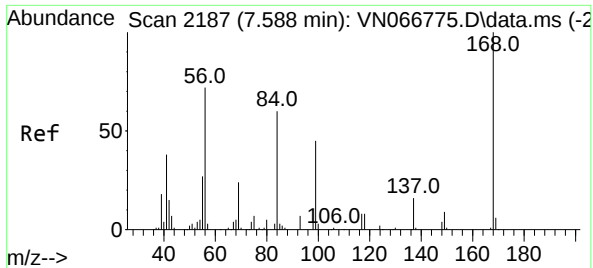
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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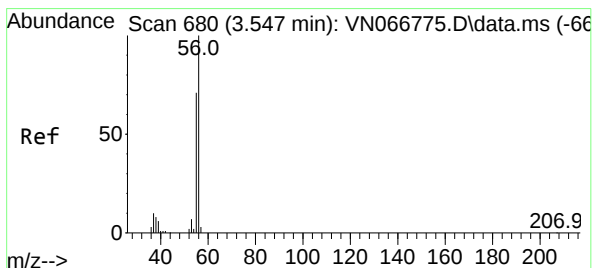
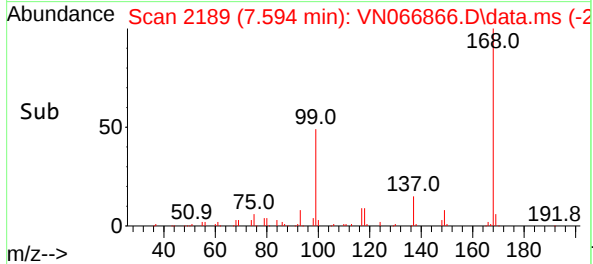
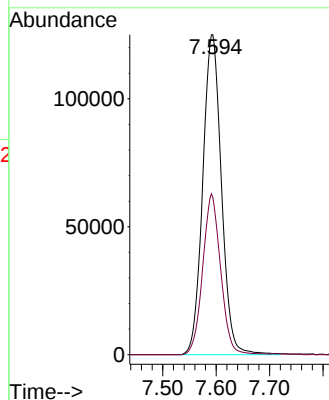
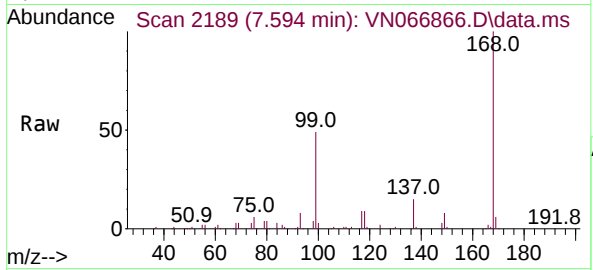




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.594 min Scan# 2189
Delta R.T. 0.006 min
Lab File: VN066866.D
Acq: 29 Apr 2021 16:51

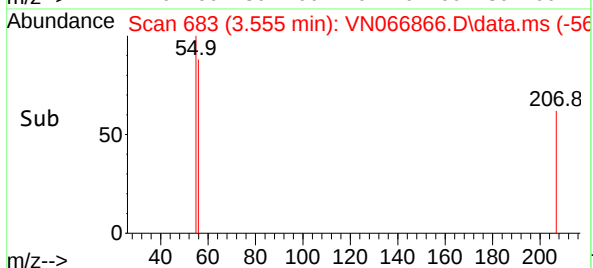
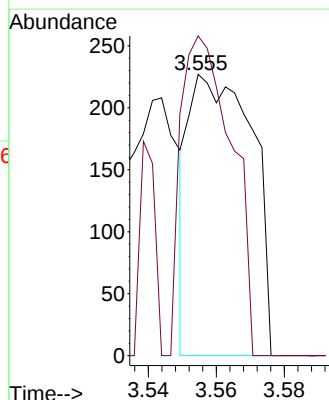
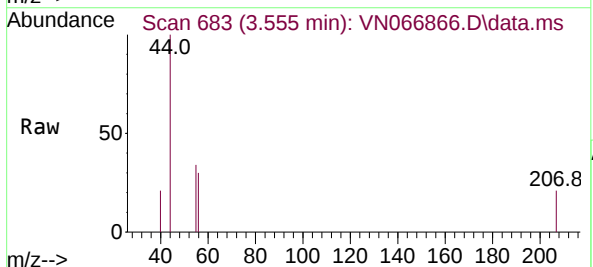
Instrument :
MSVOA_N
ClientSampled :

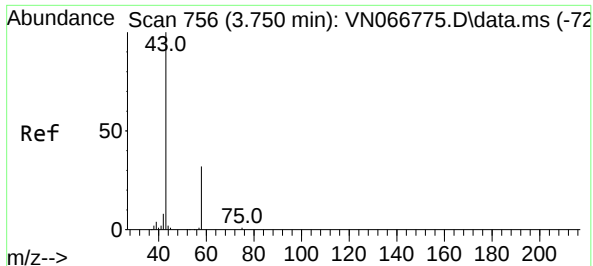
Tgt Ion:168 Resp: 304019
Ion Ratio Lower Upper
168 100
99 49.2 42.6 63.8



#13
Acrolein
Concen: 0.58 ug/l
RT: 3.555 min Scan# 683
Delta R.T. 0.008 min
Lab File: VN066866.D
Acq: 29 Apr 2021 16:51

Tgt Ion: 56 Resp: 293
Ion Ratio Lower Upper
56 100
55 91.5 56.0 84.0#

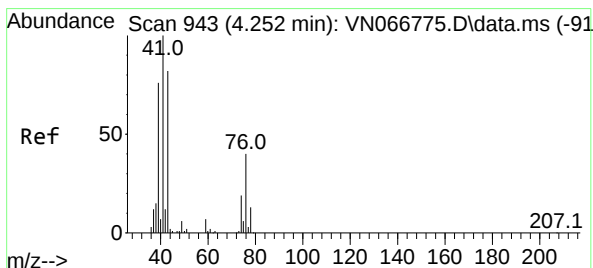
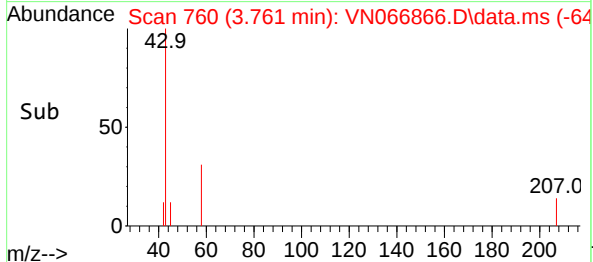
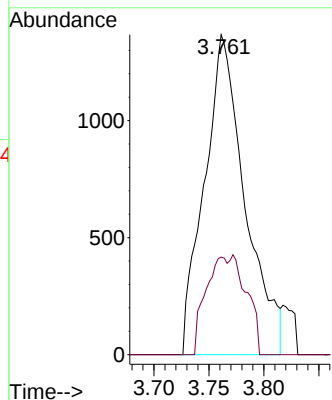
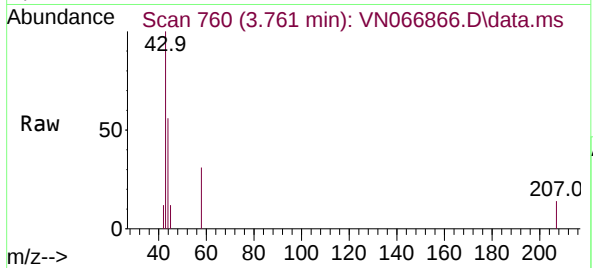




#16
Acetone
Concen: 2.38 ug/l
RT: 3.761 min Scan# 760
Delta R.T. 0.011 min
Lab File: VN066866.D
Acq: 29 Apr 2021 16:51

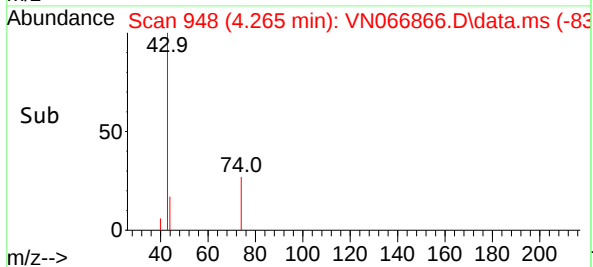
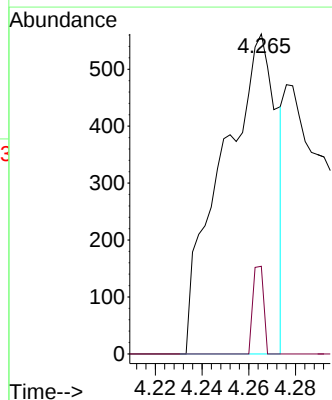
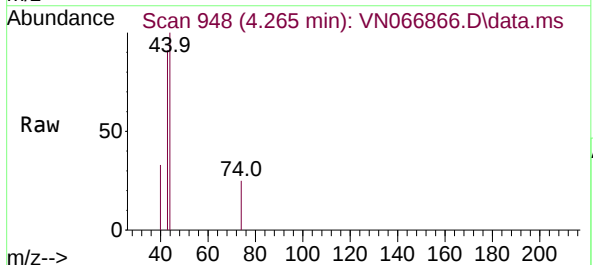
Instrument :
MSVOA_N
ClientSampled :

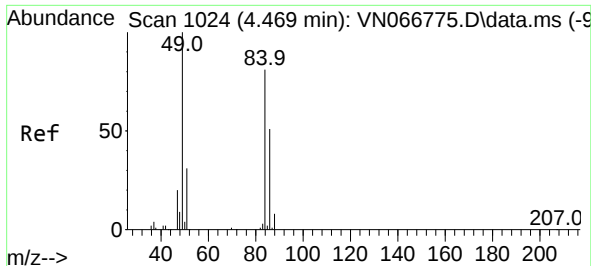
Tgt Ion: 43 Resp: 3507
Ion Ratio Lower Upper
43 100
58 30.5 27.0 40.6



#18
Methyl Acetate
Concen: 1.34 ug/l
RT: 4.265 min Scan# 948
Delta R.T. 0.013 min
Lab File: VN066866.D
Acq: 29 Apr 2021 16:51

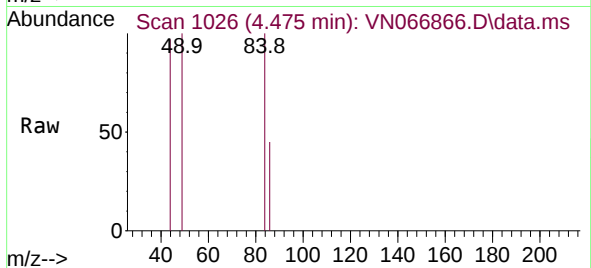
Tgt Ion: 43 Resp: 909
Ion Ratio Lower Upper
43 100
74 5.4 19.5 29.3#



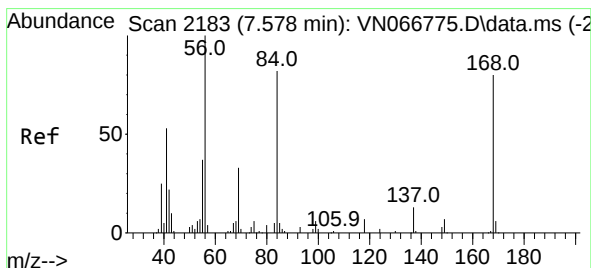
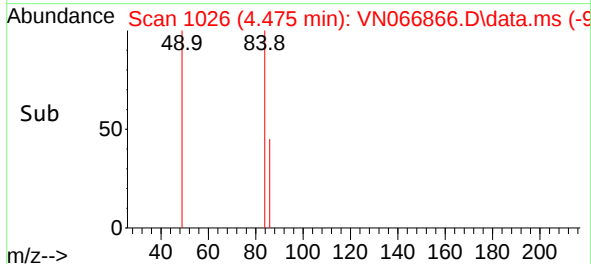
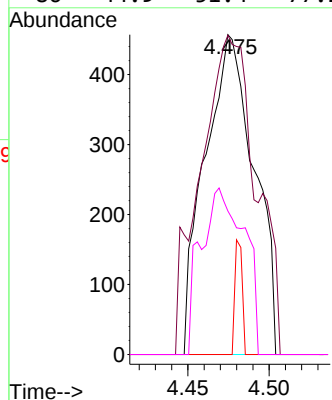


#20
Methylene Chloride
Concen: 0.26 ug/l
RT: 4.475 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN066866.D
Acq: 29 Apr 2021 16:51

Instrument :
MSVOA_N
ClientSampled :

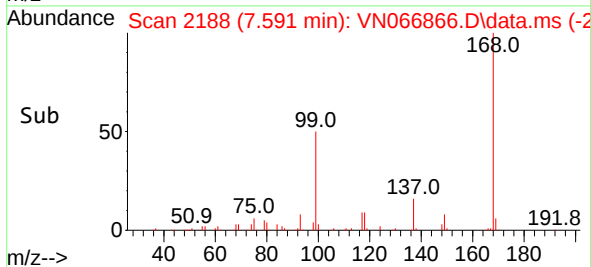
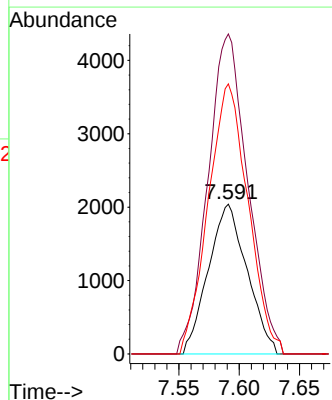
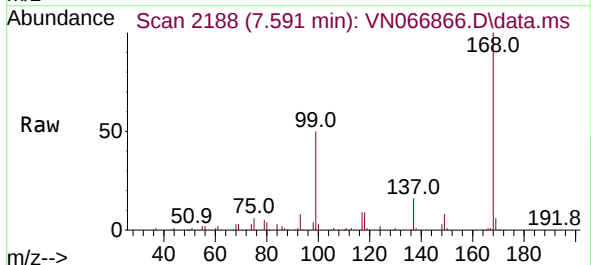


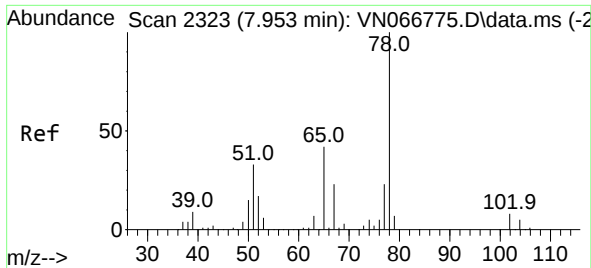
Tgt Ion:	84	Resp:	964
Ion	Ratio	Lower	Upper
84	100		
49	99.8	94.6	141.8
51	0.0	29.9	44.9#
86	44.9	51.4	77.2#



#31
Cyclohexane
Concen: 0.76 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. 0.013 min
Lab File: VN066866.D
Acq: 29 Apr 2021 16:51

Tgt Ion:	56	Resp:	4564
Ion	Ratio	Lower	Upper
56	100		
69	205.1	26.6	39.8#
84	180.3	70.4	105.6#

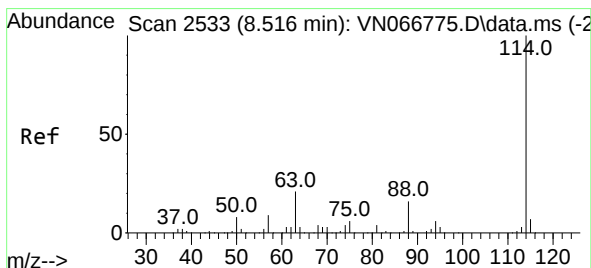
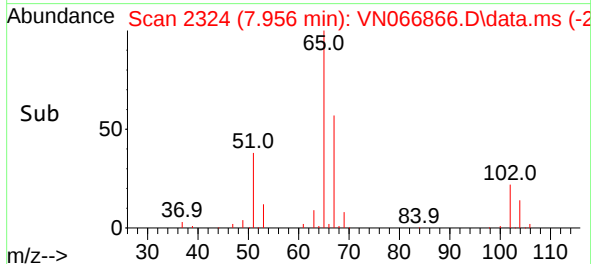
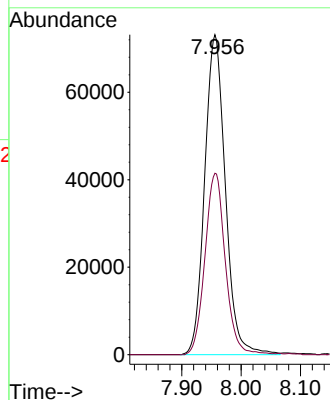
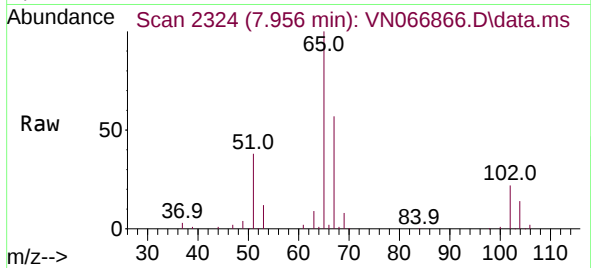




#33
 1,2-Dichloroethane-d4
 Concen: 45.32 ug/l
 RT: 7.956 min Scan# 2324
 Delta R.T. 0.003 min
 Lab File: VN066866.D
 Acq: 29 Apr 2021 16:51

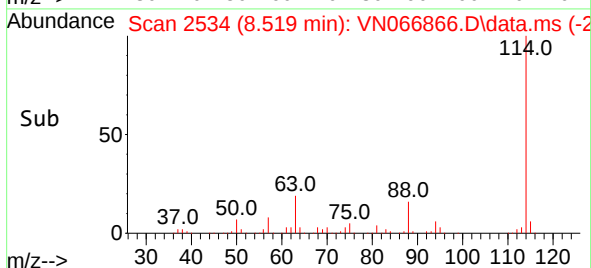
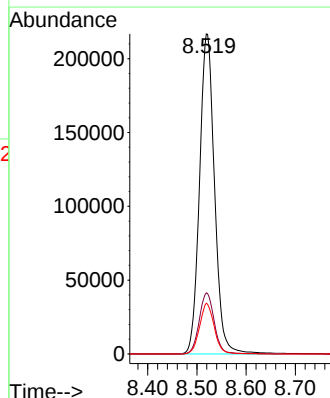
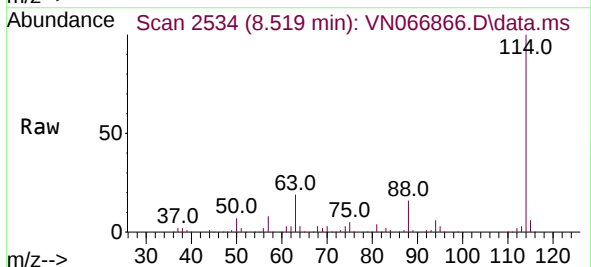
Instrument :
 MSVOA_N
 ClientSampled :

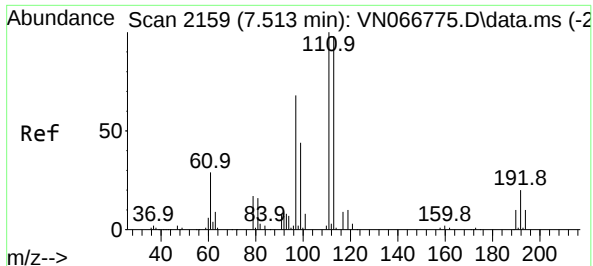
Tgt Ion: 65 Resp: 177033
 Ion Ratio Lower Upper
 65 100
 67 55.9 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.519 min Scan# 2534
 Delta R.T. 0.003 min
 Lab File: VN066866.D
 Acq: 29 Apr 2021 16:51

Tgt Ion: 114 Resp: 460065
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 38.6
 88 15.8 0.0 30.6

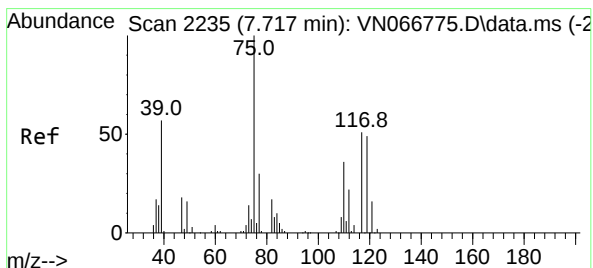
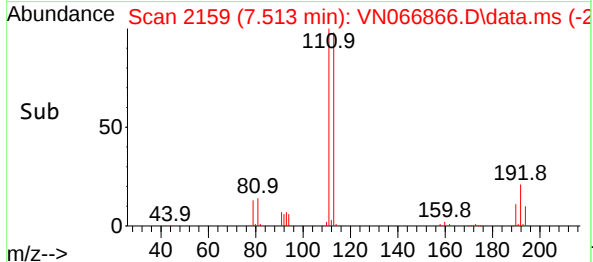
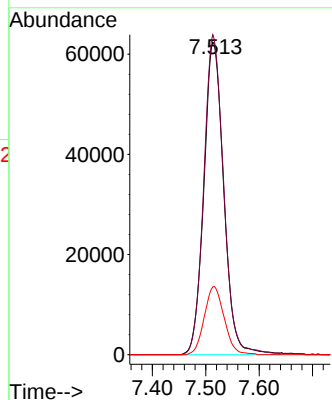
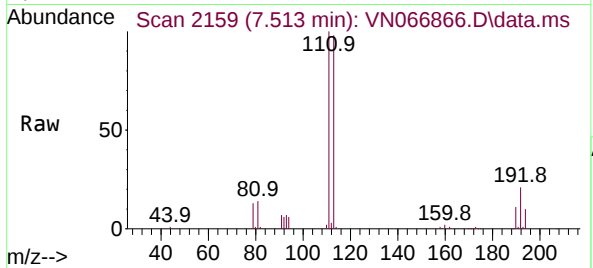




#35
Dibromofluoromethane
Concen: 56.92 ug/l
RT: 7.513 min Scan# 2159
Delta R.T. 0.000 min
Lab File: VN066866.D
Acq: 29 Apr 2021 16:51

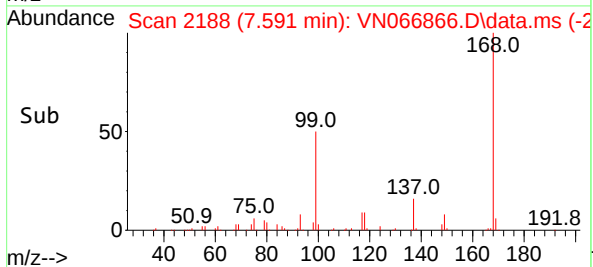
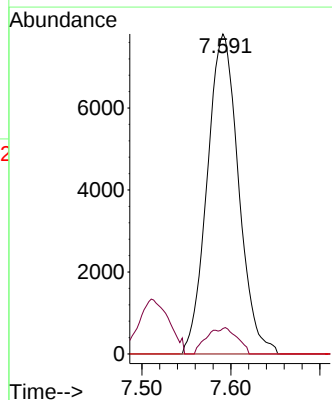
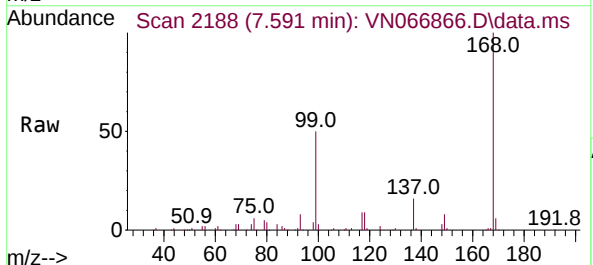
Instrument :
MSVOA_N
ClientSampleId :

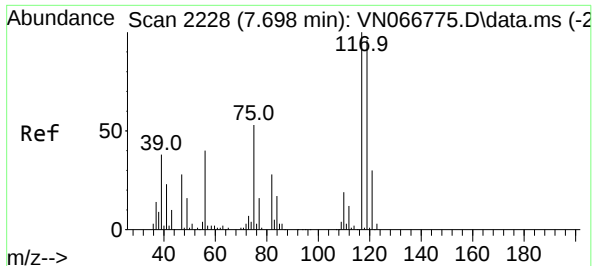
Tgt Ion:113 Resp: 161643
Ion Ratio Lower Upper
113 100
111 101.9 82.2 123.2
192 21.8 15.4 23.0



#36
1,1-Dichloropropene
Concen: 4.47 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. -0.126 min
Lab File: VN066866.D
Acq: 29 Apr 2021 16:51

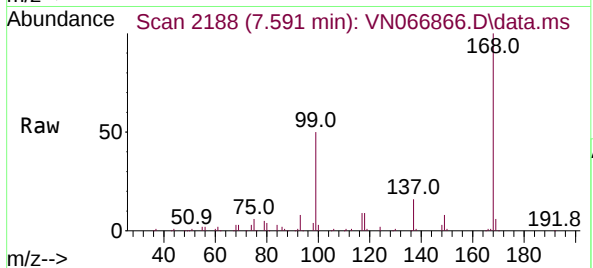
Tgt Ion: 75 Resp: 19107
Ion Ratio Lower Upper
75 100
110 7.9 18.2 54.6#
77 0.0 24.9 37.3#



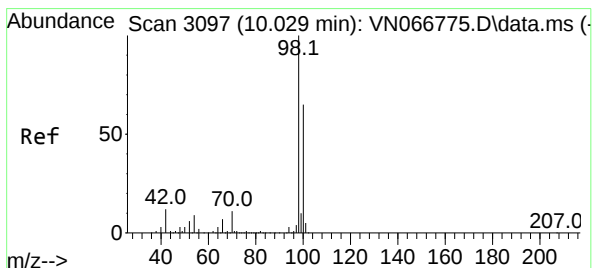
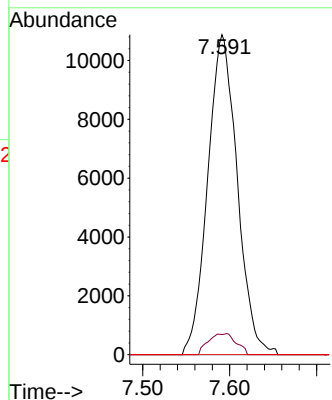
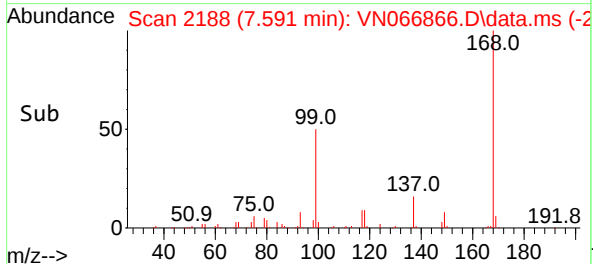


#38
Carbon Tetrachloride
Concen: 6.27 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. -0.107 min
Lab File: VN066866.D
Acq: 29 Apr 2021 16:51

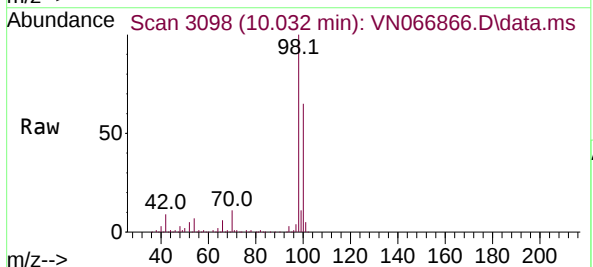
Instrument :
MSVOA_N
ClientSampled :



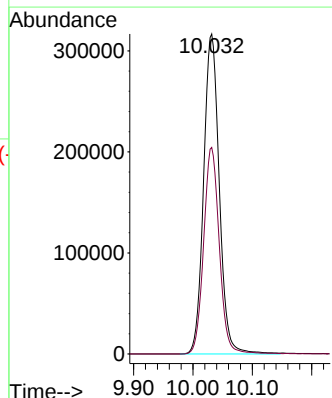
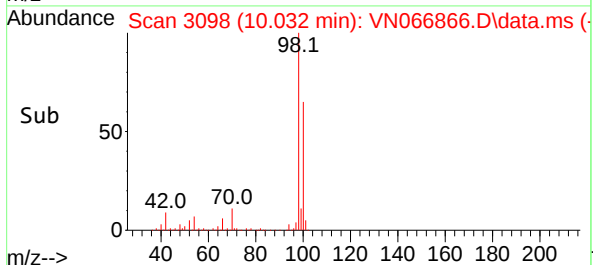
Tgt Ion:117 Resp: 25684
Ion Ratio Lower Upper
117 100
119 6.3 76.0 114.0#
121 0.0 24.5 36.7#

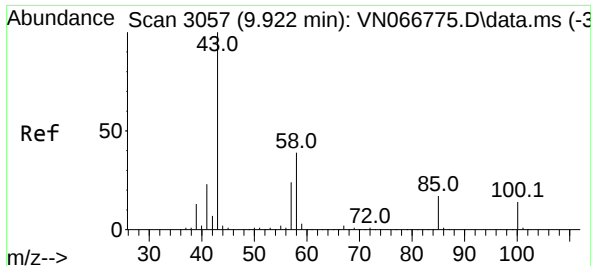


#50
Toluene-d8
Concen: 52.10 ug/l
RT: 10.032 min Scan# 3098
Delta R.T. 0.003 min
Lab File: VN066866.D
Acq: 29 Apr 2021 16:51



Tgt Ion: 98 Resp: 580819
Ion Ratio Lower Upper
98 100
100 64.5 50.5 75.7

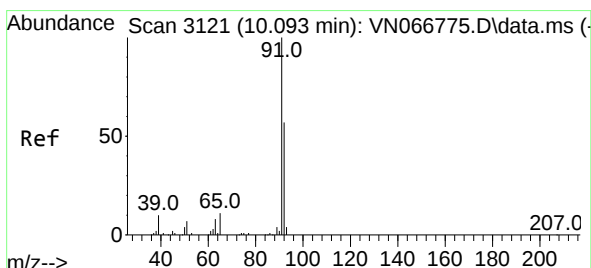
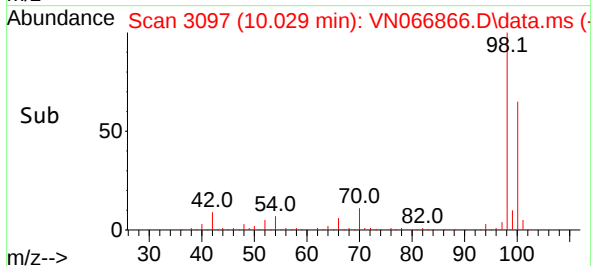
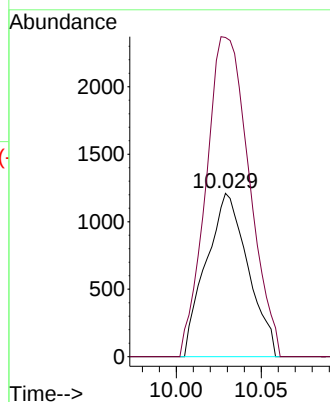
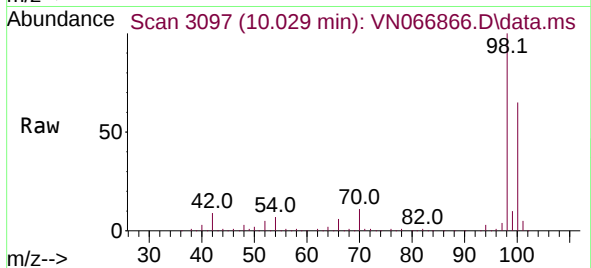




#51
4-Methyl-2-Pentanone
Concen: 0.53 ug/l
RT: 10.029 min Scan# 3097
Delta R.T. 0.107 min
Lab File: VN066866.D
Acq: 29 Apr 2021 16:51

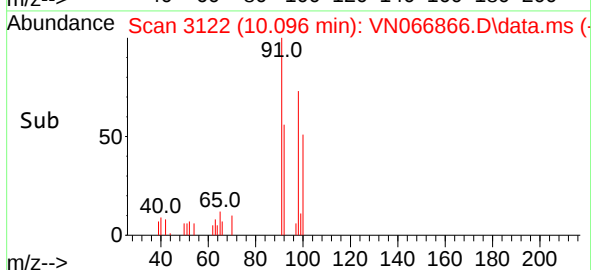
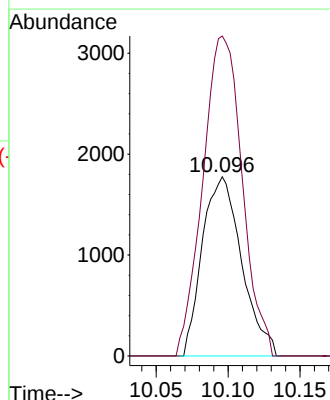
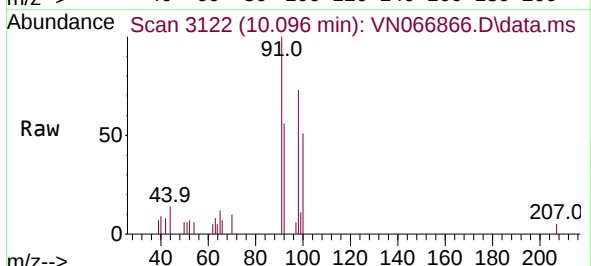
Instrument :
MSVOA_N
ClientSampled :

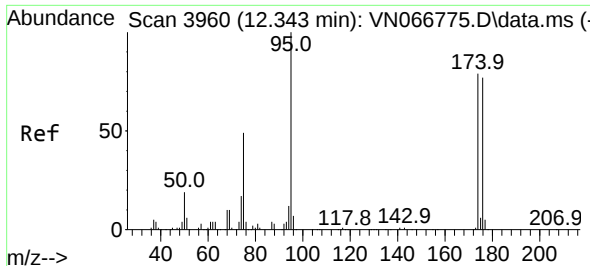
Tgt Ion: 43 Resp: 2071
Ion Ratio Lower Upper
43 100
58 202.7 32.5 48.7#



#52
Toluene
Concen: 0.42 ug/l
RT: 10.096 min Scan# 3122
Delta R.T. 0.003 min
Lab File: VN066866.D
Acq: 29 Apr 2021 16:51

Tgt Ion: 92 Resp: 3379
Ion Ratio Lower Upper
92 100
91 178.7 140.7 211.1

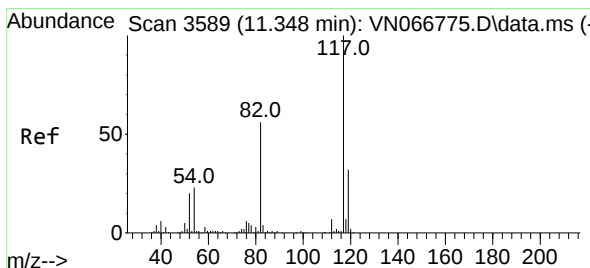
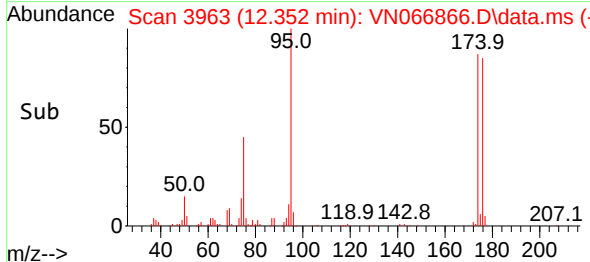
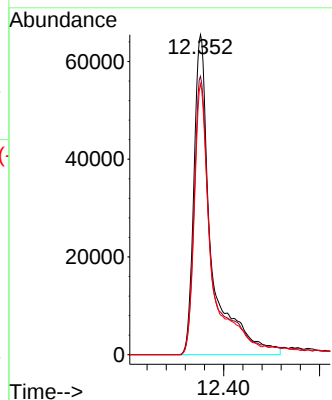
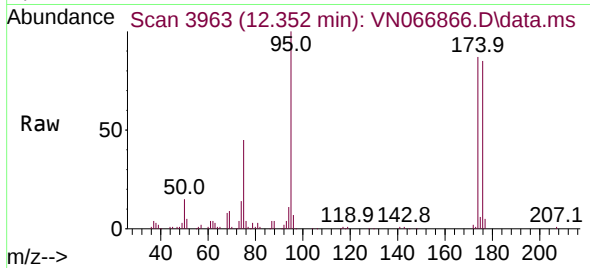




#62
4-Bromofluorobenzene
Concen: 44.27 ug/l
RT: 12.352 min Scan# 3963
Delta R.T. 0.009 min
Lab File: VN066866.D
Acq: 29 Apr 2021 16:51

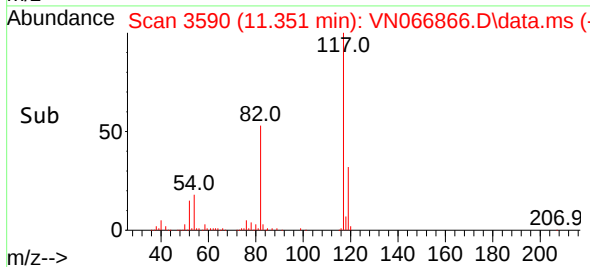
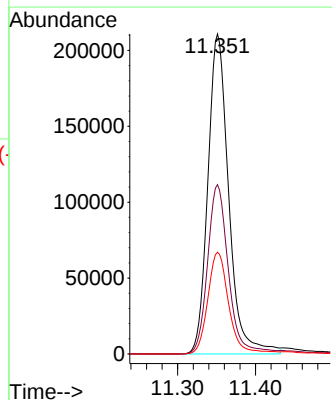
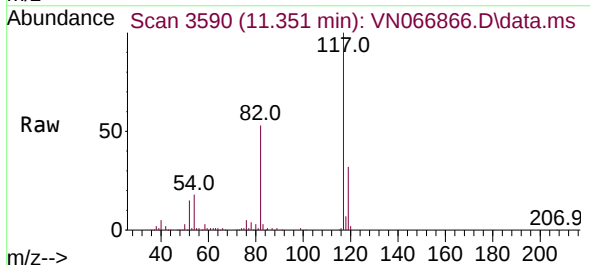
Instrument :
MSVOA_N
ClientSampleId :

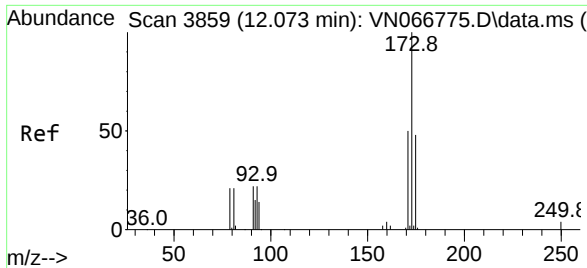
Tgt Ion: 95 Resp: 166960
Ion Ratio Lower Upper
95 100
174 88.0 0.0 169.0
176 82.9 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.351 min Scan# 3590
Delta R.T. 0.003 min
Lab File: VN066866.D
Acq: 29 Apr 2021 16:51

Tgt Ion: 117 Resp: 392511
Ion Ratio Lower Upper
117 100
82 52.9 43.7 65.5
119 31.8 26.1 39.1

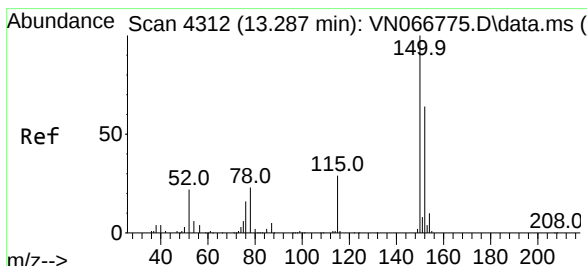
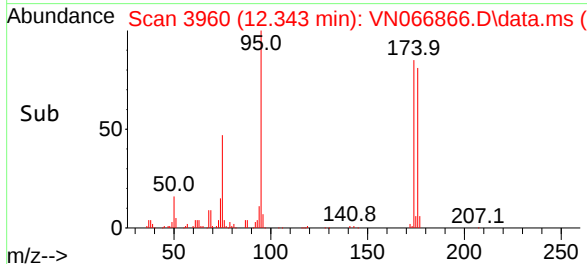
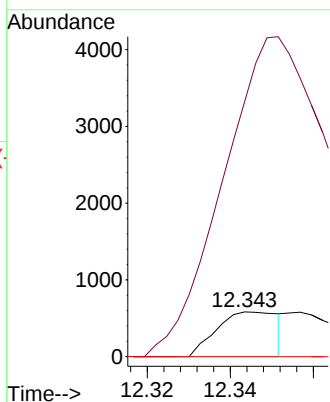
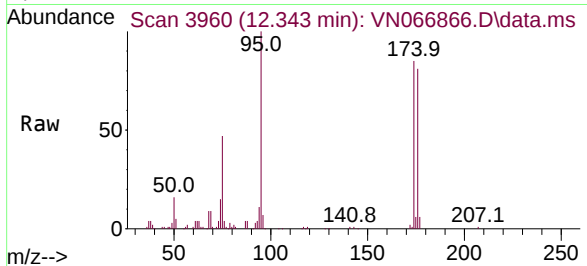




#71
Bromoform
Concen: 0.28 ug/l
RT: 12.343 min Scan# 3960
Delta R.T. 0.270 min
Lab File: VN066866.D
Acq: 29 Apr 2021 16:51

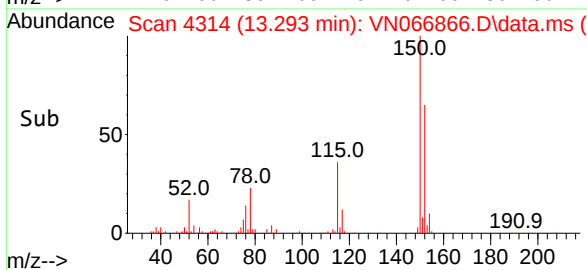
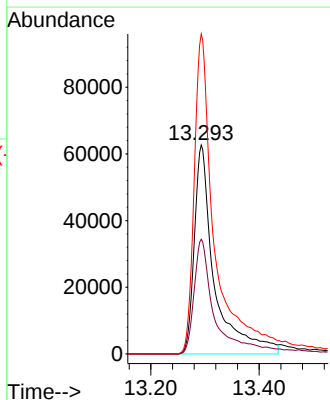
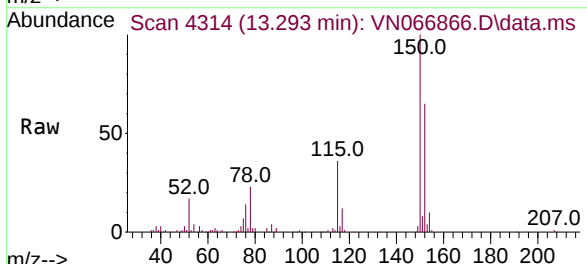
Instrument :
MSVOA_N
ClientSampleId :

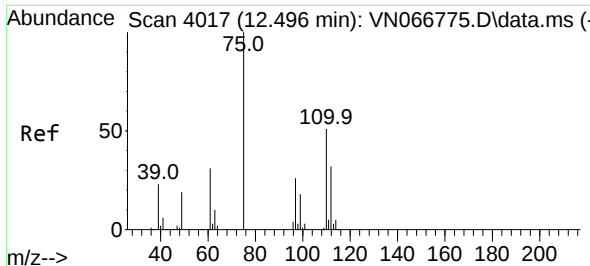
Tgt Ion:173 Resp: 598
Ion Ratio Lower Upper
173 100
175 1050.2 23.8 71.2#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.293 min Scan# 4314
Delta R.T. 0.005 min
Lab File: VN066866.D
Acq: 29 Apr 2021 16:51

Tgt Ion:152 Resp: 162111
Ion Ratio Lower Upper
152 100
115 53.9 28.5 85.6
150 156.6 0.0 347.6

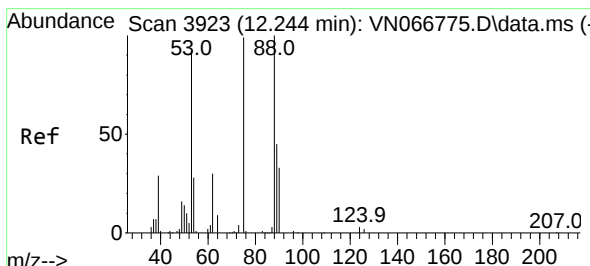
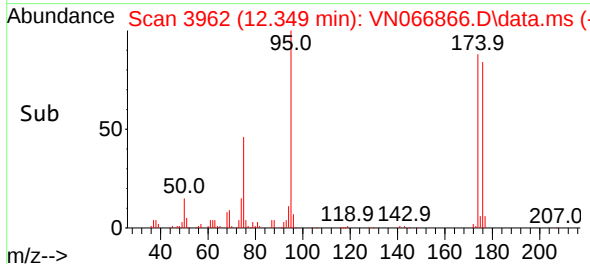
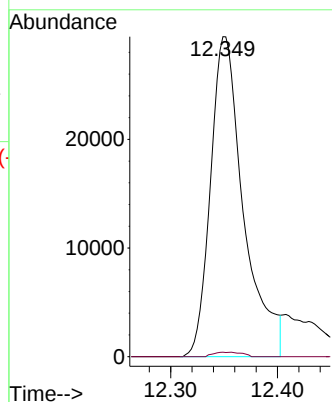
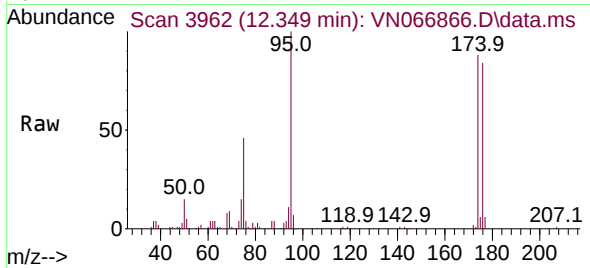




#76
1,2,3-Trichloropropane
Concen: 18.54 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. -0.147 min
Lab File: VN066866.D
Acq: 29 Apr 2021 16:51

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion: 75 Resp: 63344
Ion Ratio Lower Upper
75 100
77 0.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 51.55 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. 0.105 min
Lab File: VN066866.D
Acq: 29 Apr 2021 16:51

Tgt Ion: 75 Resp: 63344
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#

