

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042921\
 Data File : VN066870.D
 Acq On : 29 Apr 2021 18:27
 Operator : JC/MD
 Sample : M2137-06
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 30 06:16:15 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

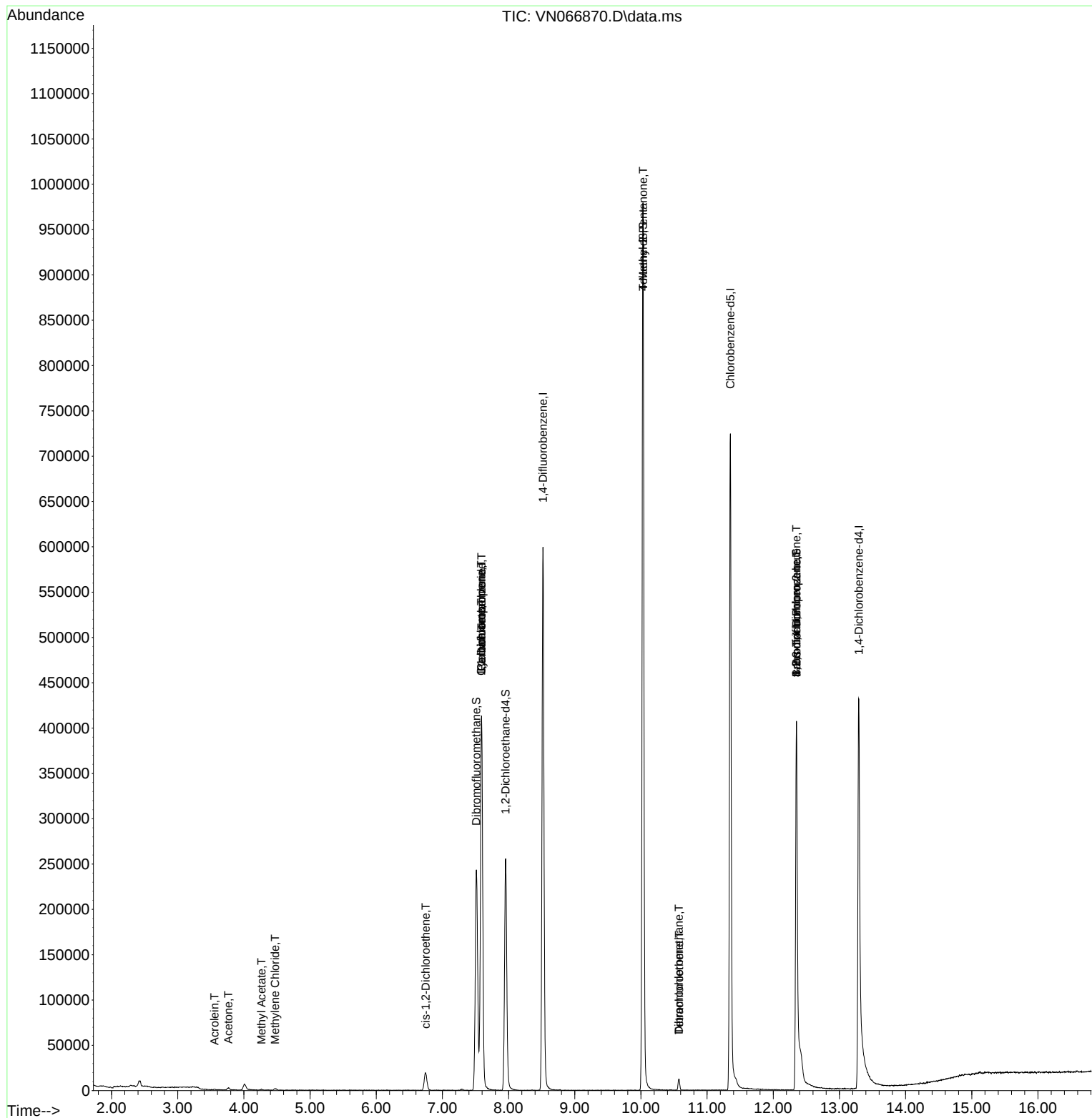
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.591	168	370945	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.519	114	567425	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.351	117	489238	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.293	152	185572	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.956	65	219125	45.98	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	91.96%
35) Dibromofluoromethane	7.513	113	198402	56.64	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	113.28%
50) Toluene-d8	10.031	98	718066	52.23	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	104.46%
62) 4-Bromofluorobenzene	12.349	95	202269	43.48	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	86.96%
Target Compounds						
					Qvalue	
13) Acrolein	3.555	56	342	0.56	ug/l #	53
16) Acetone	3.764	43	4197	2.33	ug/l	94
18) Methyl Acetate	4.265	43	1902	1.50	ug/l #	69
20) Methylene Chloride	4.472	84	1344	0.29	ug/l #	77
27) cis-1,2-Dichloroethene	6.746	96	14555	3.15	ug/l	89
31) Cyclohexane	7.588	56	5926	0.80	ug/l #	1
36) 1,1-Dichloropropene	7.588	75	24268	4.60	ug/l #	48
38) Carbon Tetrachloride	7.591	117	31425	6.22	ug/l #	18
51) 4-Methyl-2-Pentanone	10.031	43	2461	0.51	ug/l #	1
60) Dibromochloromethane	10.573	129	3073	0.75	ug/l #	11
64) Tetrachloroethene	10.576	164	3304	1.02	ug/l	90
71) Bromoform	12.349	173	1251	0.47	ug/l #	1
76) 1,2,3-Trichloropropane	12.349	75	91396	23.37	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.349	75	91396	63.11	ug/l #	12

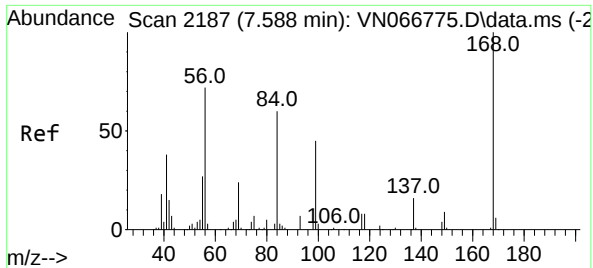
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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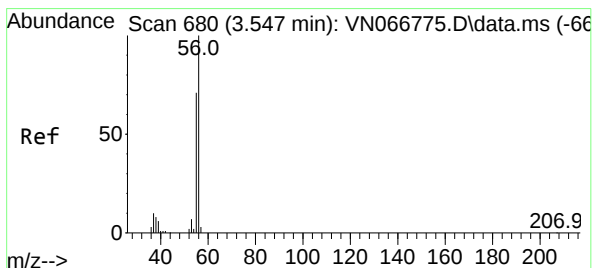
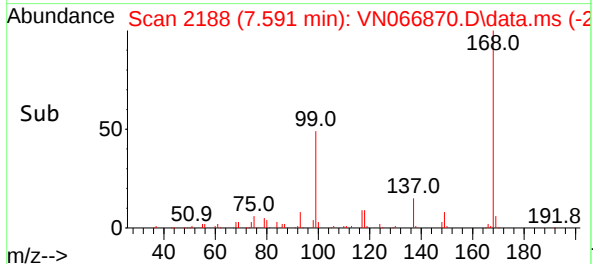
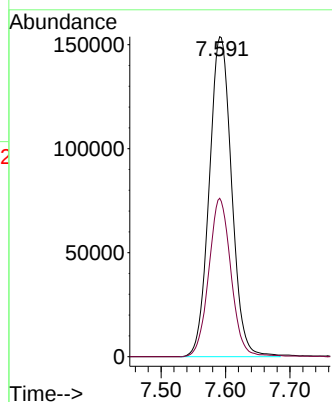
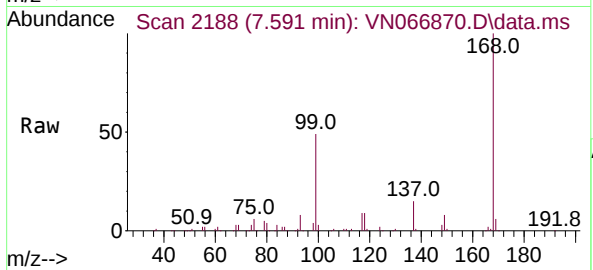




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. 0.003 min
Lab File: VN066870.D
Acq: 29 Apr 2021 18:27

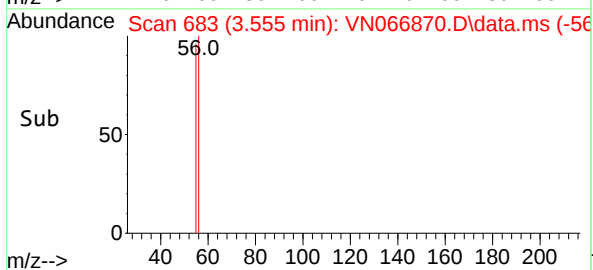
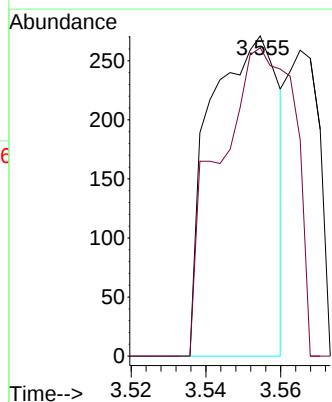
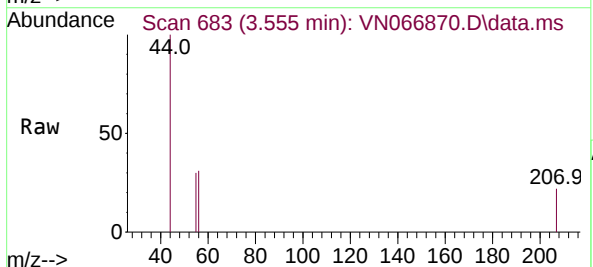
Instrument :
MSVOA_N
ClientSampled :

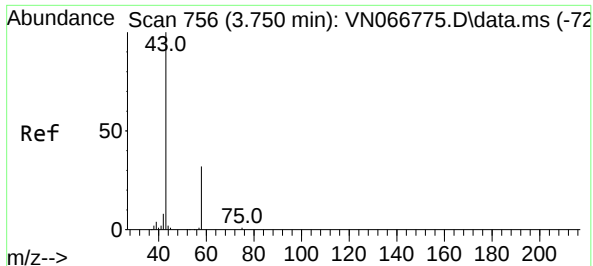
Tgt Ion:168 Resp: 370945
Ion Ratio Lower Upper
168 100
99 49.5 42.6 63.8



#13
Acrolein
Concen: 0.56 ug/l
RT: 3.555 min Scan# 683
Delta R.T. 0.007 min
Lab File: VN066870.D
Acq: 29 Apr 2021 18:27

Tgt Ion: 56 Resp: 342
Ion Ratio Lower Upper
56 100
55 108.5 56.0 84.0#

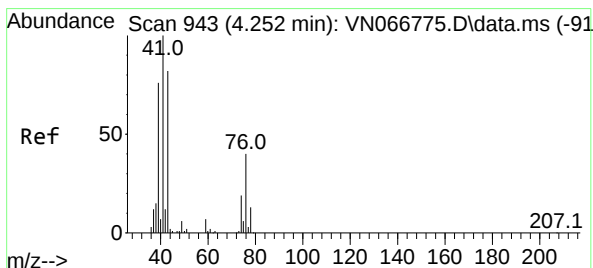
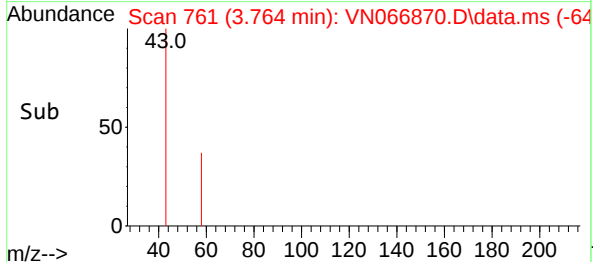
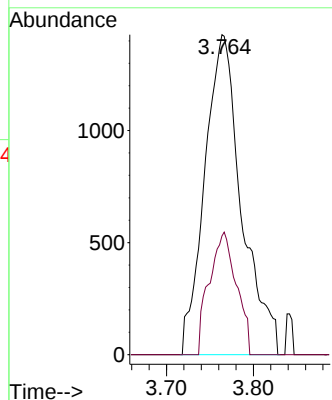
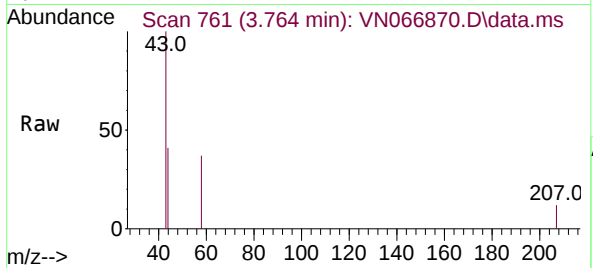




#16
Acetone
Concen: 2.33 ug/l
RT: 3.764 min Scan# 761
Delta R.T. 0.014 min
Lab File: VN066870.D
Acq: 29 Apr 2021 18:27

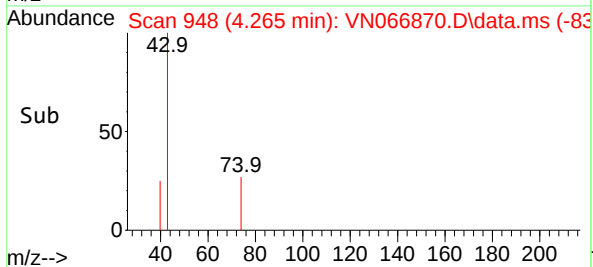
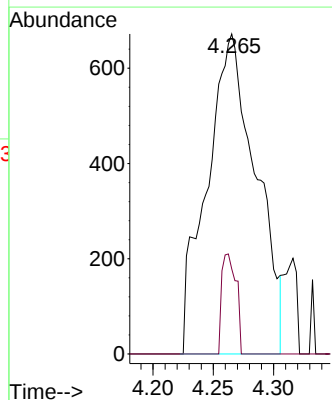
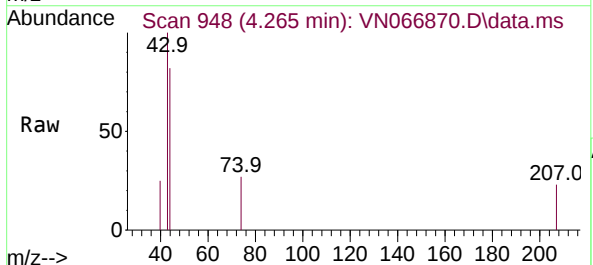
Instrument :
MSVOA_N
ClientSampled :

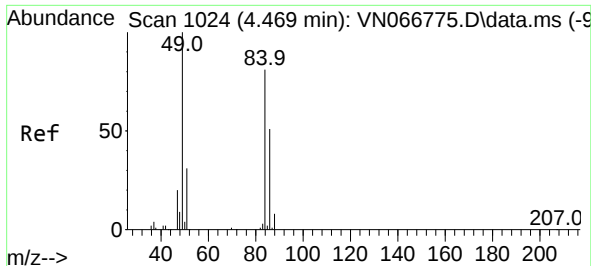
Tgt Ion: 43 Resp: 4197
Ion Ratio Lower Upper
43 100
58 37.1 27.0 40.6



#18
Methyl Acetate
Concen: 1.50 ug/l
RT: 4.265 min Scan# 948
Delta R.T. 0.013 min
Lab File: VN066870.D
Acq: 29 Apr 2021 18:27

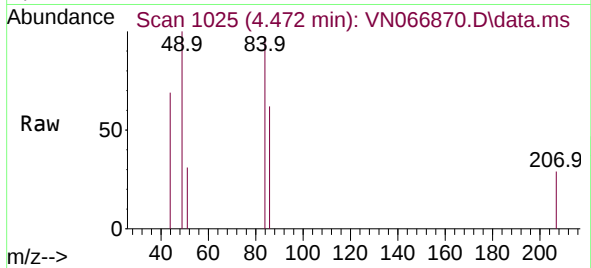
Tgt Ion: 43 Resp: 1902
Ion Ratio Lower Upper
43 100
74 9.1 19.5 29.3#



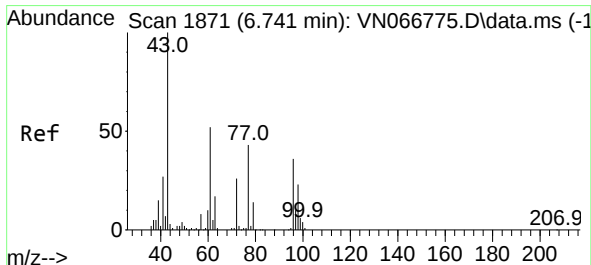
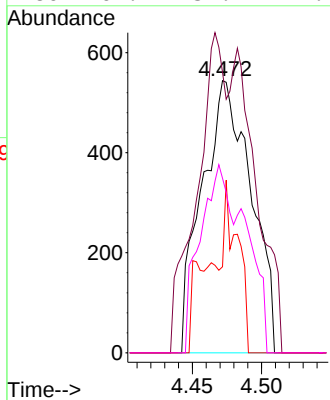
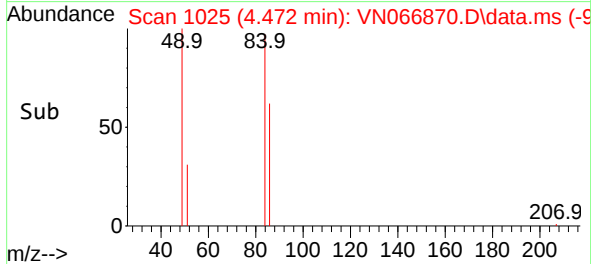


#20
Methylene Chloride
Concen: 0.29 ug/l
RT: 4.472 min Scan# 1025
Delta R.T. 0.003 min
Lab File: VN066870.D
Acq: 29 Apr 2021 18:27

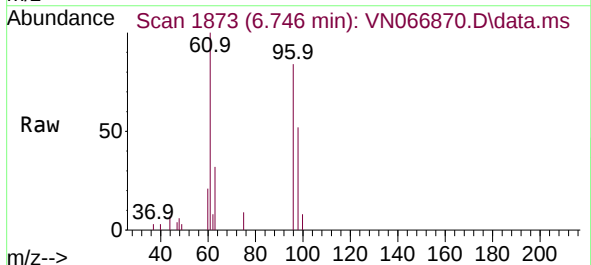
Instrument :
MSVOA_N
ClientSampleId :



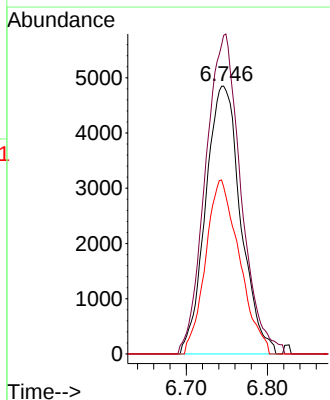
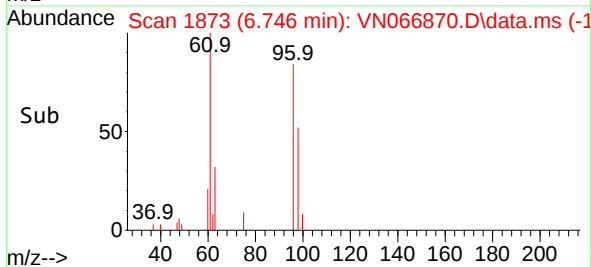
Tgt Ion: 84	Resp: 1344
Ion Ratio	Lower Upper
84 100	
49 73.7	94.6 141.8#
51 31.6	29.9 44.9
86 64.2	51.4 77.2

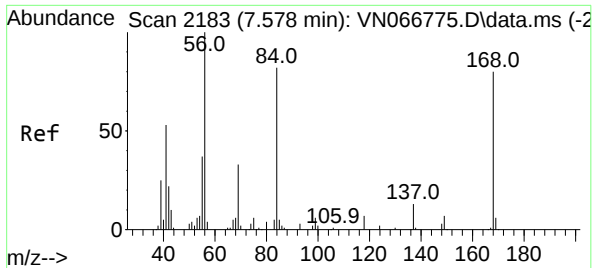


#27
cis-1,2-Dichloroethene
Concen: 3.15 ug/l
RT: 6.746 min Scan# 1873
Delta R.T. 0.005 min
Lab File: VN066870.D
Acq: 29 Apr 2021 18:27



Tgt Ion: 96	Resp: 14555
Ion Ratio	Lower Upper
96 100	
61 120.5	0.0 276.8
98 62.6	0.0 129.4

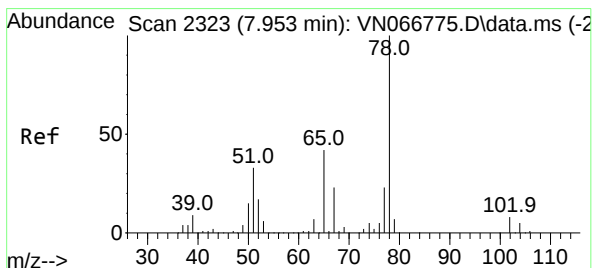
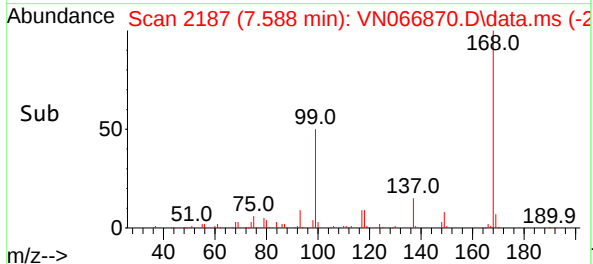
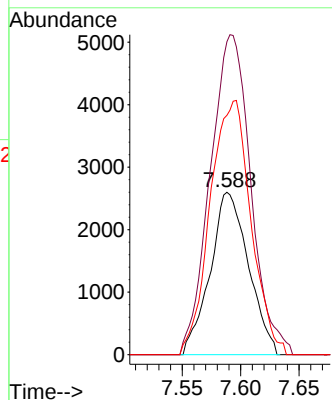
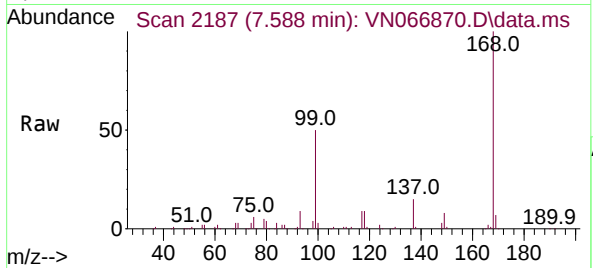




#31
Cyclohexane
Concen: 0.80 ug/l
RT: 7.588 min Scan# 2187
Delta R.T. 0.010 min
Lab File: VN066870.D
Acq: 29 Apr 2021 18:27

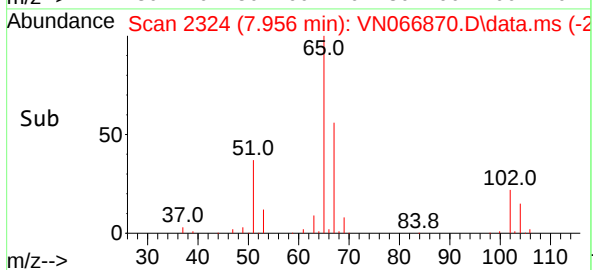
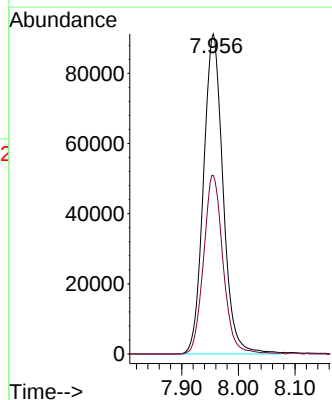
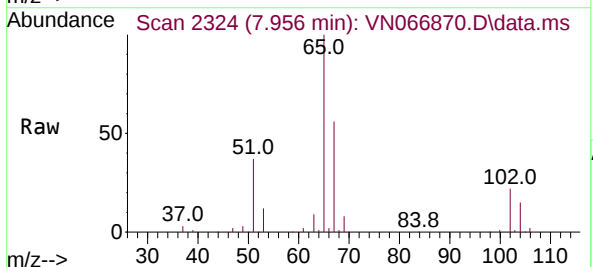
Instrument :
MSVOA_N
ClientSampled :

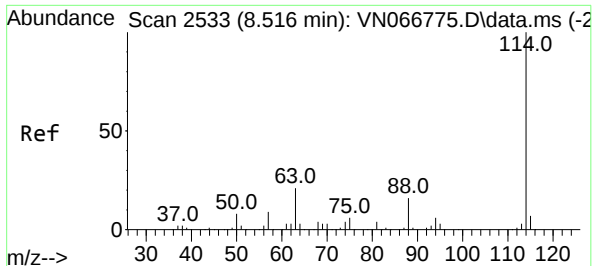
Tgt Ion: 56 Resp: 5926
Ion Ratio Lower Upper
56 100
69 192.8 26.6 39.8#
84 147.4 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 45.98 ug/l
RT: 7.956 min Scan# 2324
Delta R.T. 0.003 min
Lab File: VN066870.D
Acq: 29 Apr 2021 18:27

Tgt Ion: 65 Resp: 219125
Ion Ratio Lower Upper
65 100
67 55.3 0.0 107.2

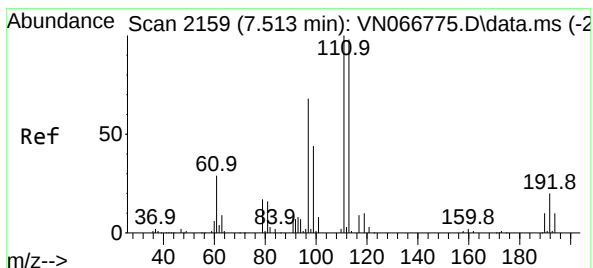
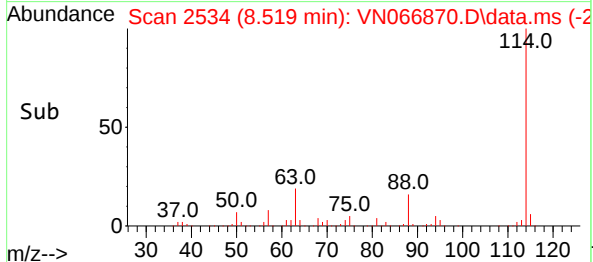
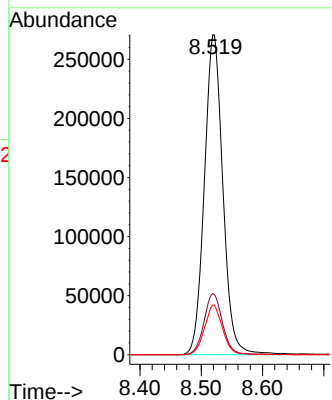
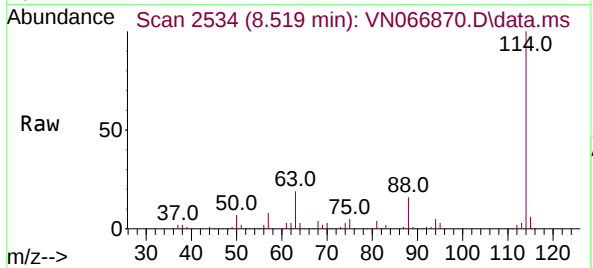




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.519 min Scan# 2534
Delta R.T. 0.003 min
Lab File: VN066870.D
Acq: 29 Apr 2021 18:27

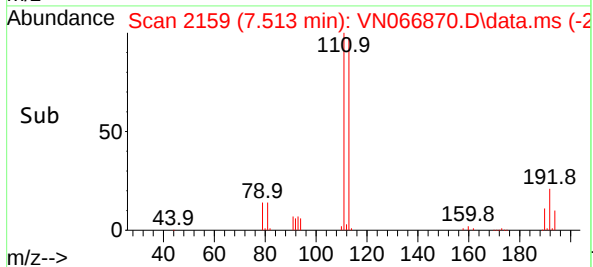
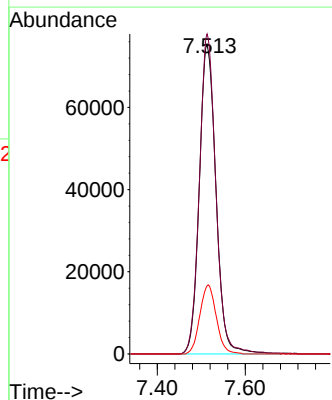
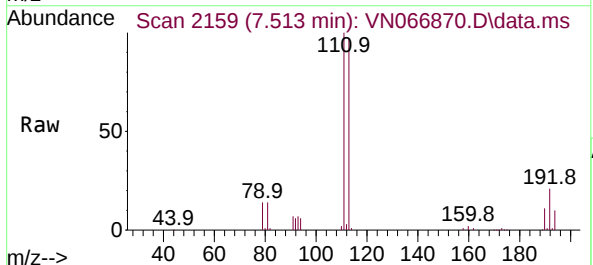
Instrument :
MSVOA_N
ClientSampleId :

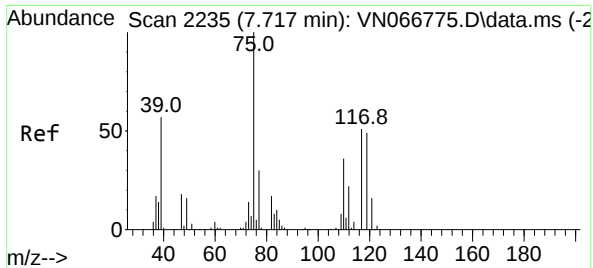
Tgt Ion:114 Resp: 567425
Ion Ratio Lower Upper
114 100
63 19.1 0.0 38.6
88 15.6 0.0 30.6



#35
Dibromofluoromethane
Concen: 56.64 ug/l
RT: 7.513 min Scan# 2159
Delta R.T. 0.000 min
Lab File: VN066870.D
Acq: 29 Apr 2021 18:27

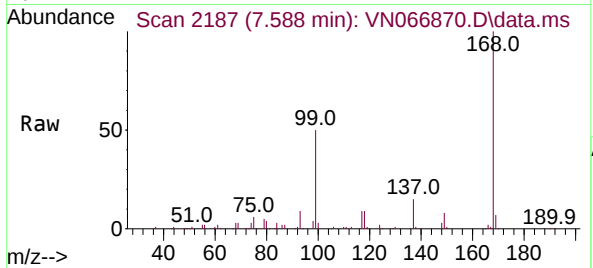
Tgt Ion:113 Resp: 198402
Ion Ratio Lower Upper
113 100
111 101.6 82.2 123.2
192 22.0 15.4 23.0



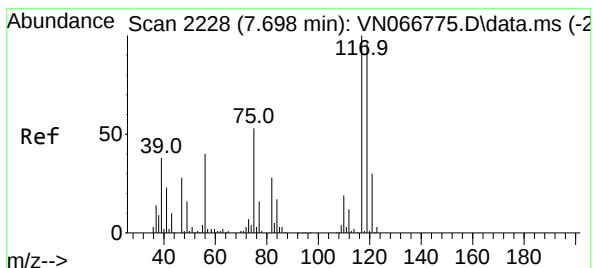
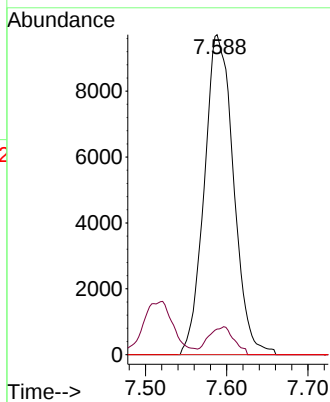
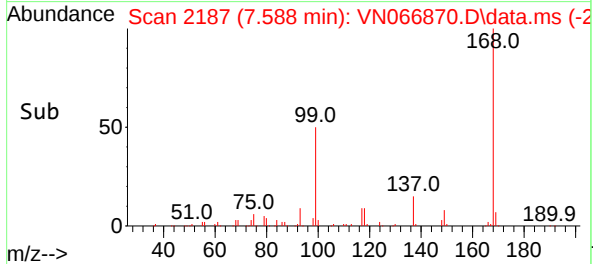


#36
1,1-Dichloropropene
Concen: 4.60 ug/l
RT: 7.588 min Scan# 2187
Delta R.T. -0.129 min
Lab File: VN066870.D
Acq: 29 Apr 2021 18:27

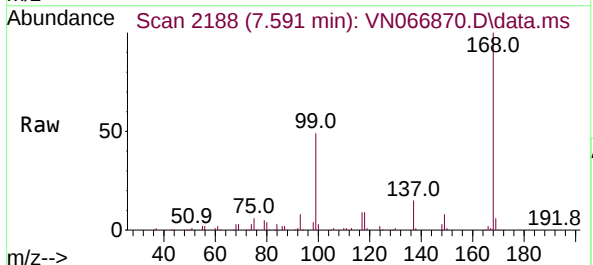
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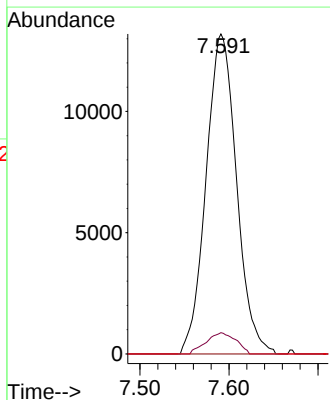
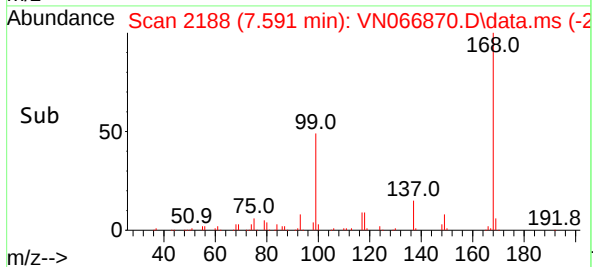
Tgt Ion: 75 Resp: 24268
Ion Ratio Lower Upper
75 100
110 7.6 18.2 54.6#
77 0.0 24.9 37.3#

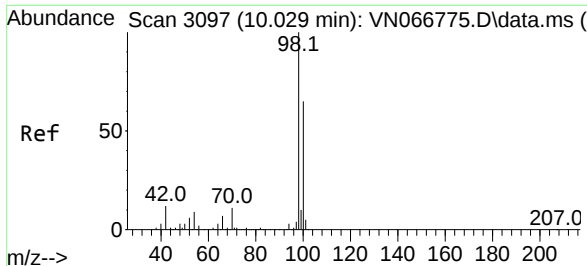


#38
Carbon Tetrachloride
Concen: 6.22 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. -0.107 min
Lab File: VN066870.D
Acq: 29 Apr 2021 18:27



Tgt Ion: 117 Resp: 31425
Ion Ratio Lower Upper
117 100
119 6.7 76.0 114.0#
121 0.0 24.5 36.7#

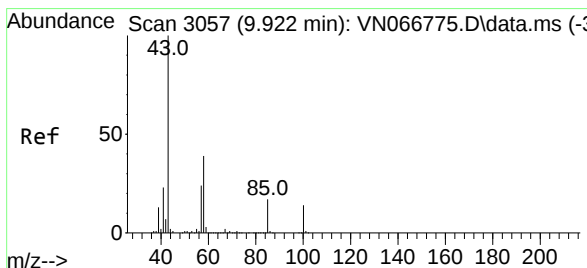
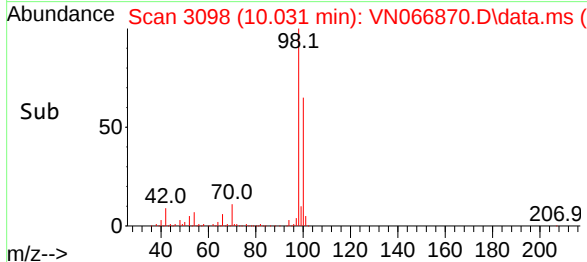
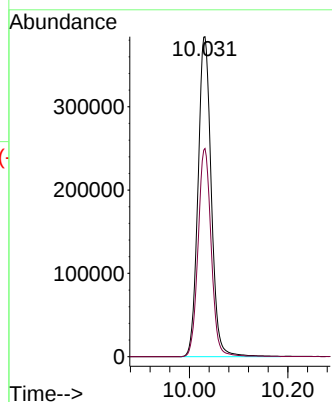
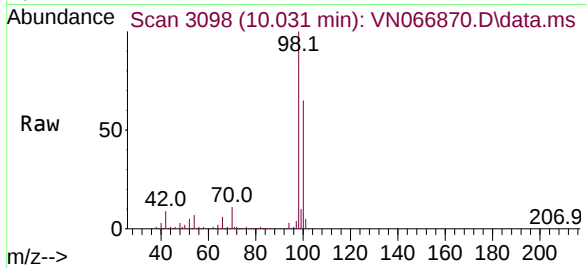




#50
Toluene-d8
Concen: 52.23 ug/l
RT: 10.031 min Scan# 3098
Delta R.T. 0.002 min
Lab File: VN066870.D
Acq: 29 Apr 2021 18:27

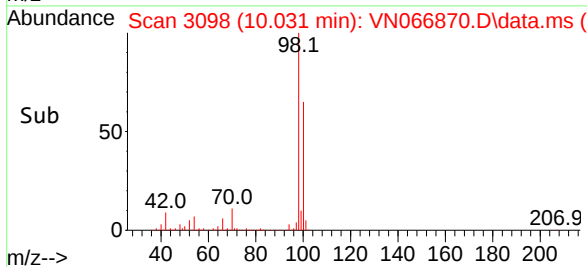
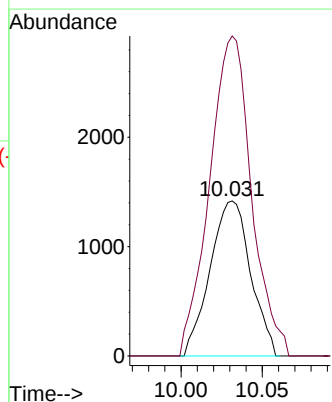
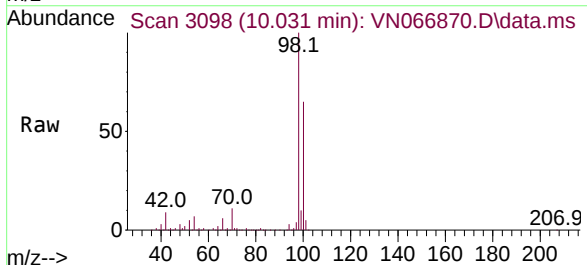
Instrument :
MSVOA_N
ClientSampleId :

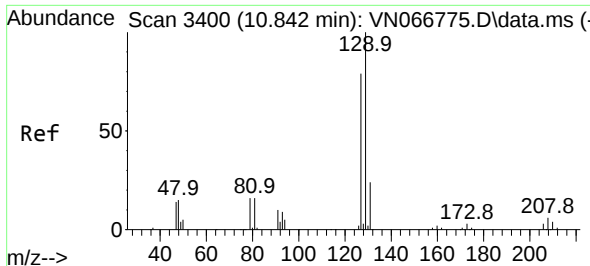
Tgt Ion: 98 Resp: 718066
Ion Ratio Lower Upper
98 100
100 64.3 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 0.51 ug/l
RT: 10.031 min Scan# 3098
Delta R.T. 0.109 min
Lab File: VN066870.D
Acq: 29 Apr 2021 18:27

Tgt Ion: 43 Resp: 2461
Ion Ratio Lower Upper
43 100
58 213.1 32.5 48.7#

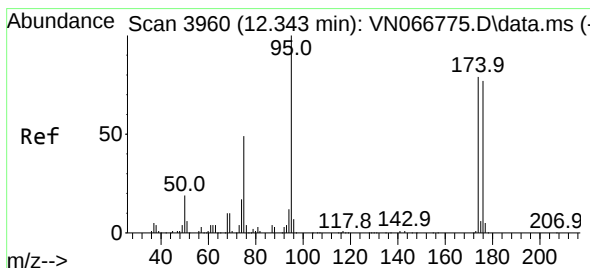
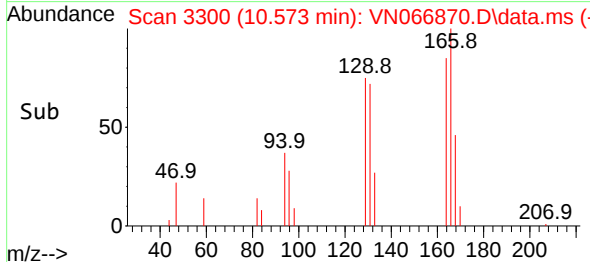
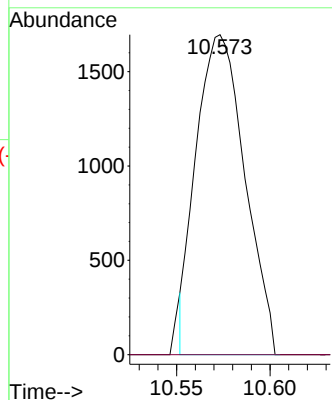
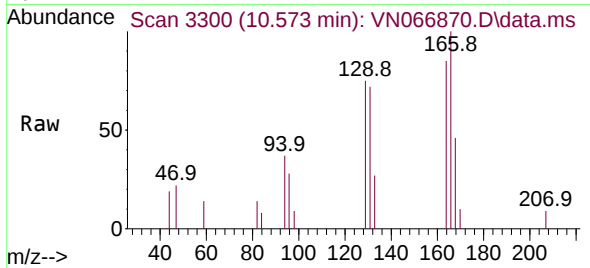




#60
Dibromochloromethane
Concen: 0.75 ug/l
RT: 10.573 min Scan# 3300
Delta R.T. -0.269 min
Lab File: VN066870.D
Acq: 29 Apr 2021 18:27

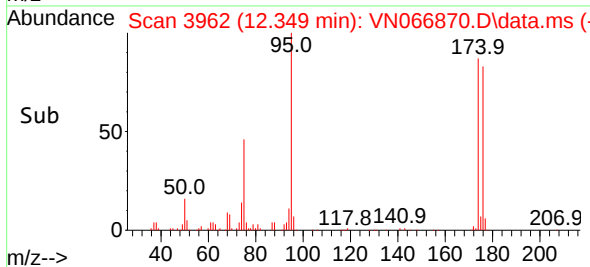
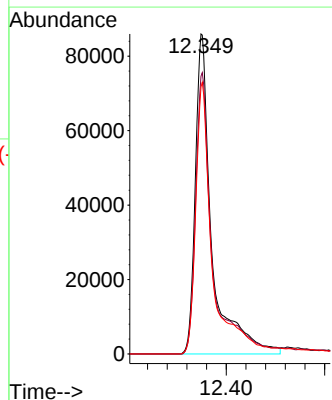
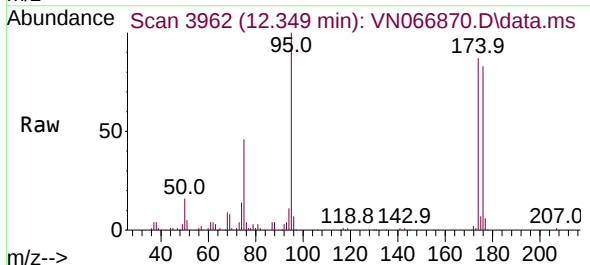
Instrument :
MSVOA_N
ClientSampleId :

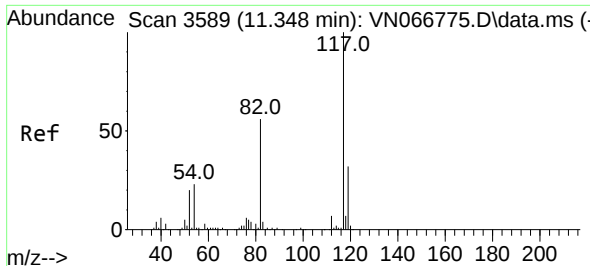
Tgt Ion:129 Resp: 3073
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#



#62
4-Bromofluorobenzene
Concen: 43.48 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. 0.006 min
Lab File: VN066870.D
Acq: 29 Apr 2021 18:27

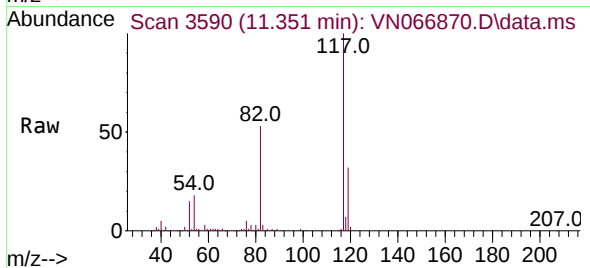
Tgt Ion: 95 Resp: 202269
Ion Ratio Lower Upper
95 100
174 89.0 0.0 169.0
176 83.6 0.0 162.4



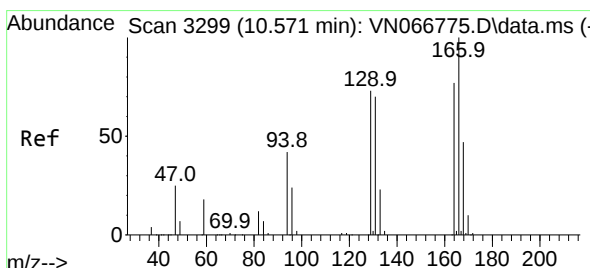
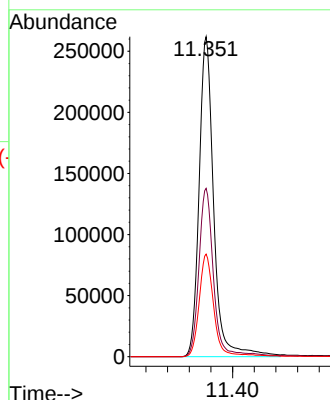
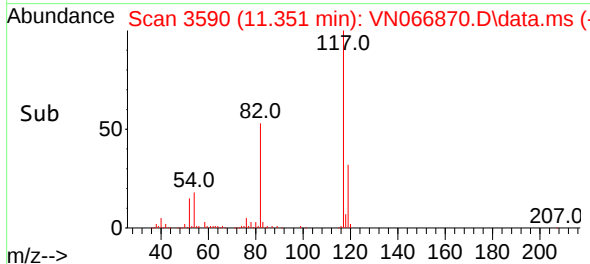


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.351 min Scan# 3590
Delta R.T. 0.003 min
Lab File: VN066870.D
Acq: 29 Apr 2021 18:27

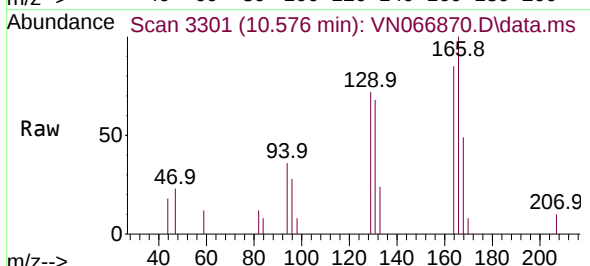
Instrument :
MSVOA_N
ClientSampleId :



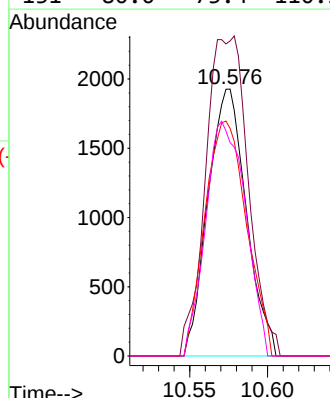
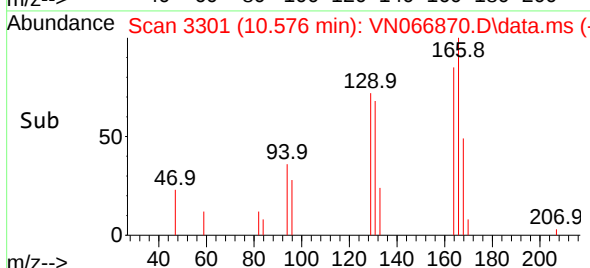
Tgt Ion:117 Resp: 489238
Ion Ratio Lower Upper
117 100
82 52.6 43.7 65.5
119 32.0 26.1 39.1

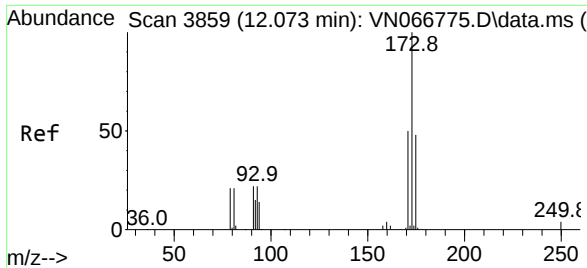


#64
Tetrachloroethene
Concen: 1.02 ug/l
RT: 10.576 min Scan# 3301
Delta R.T. 0.005 min
Lab File: VN066870.D
Acq: 29 Apr 2021 18:27



Tgt Ion:164 Resp: 3304
Ion Ratio Lower Upper
164 100
166 118.1 102.6 154.0
129 85.3 76.2 114.4
131 80.0 73.4 110.2

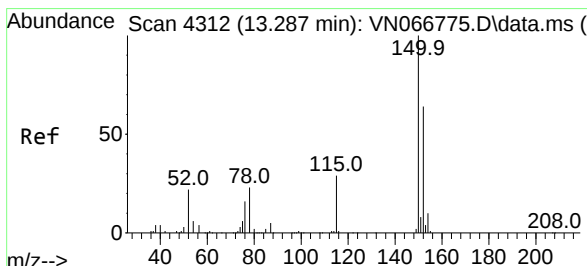
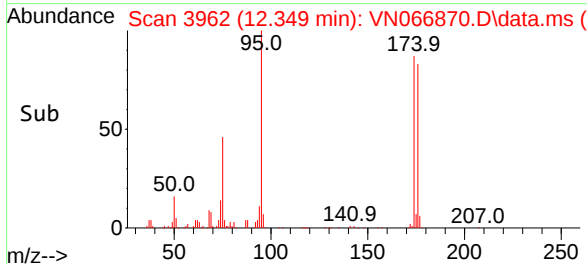
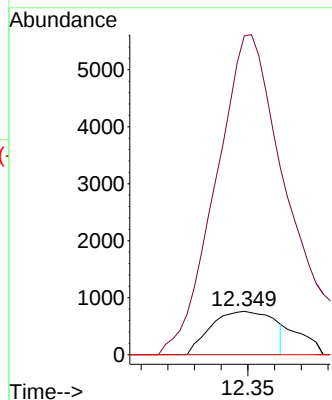
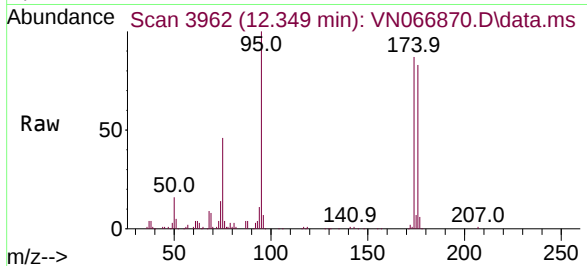




#71
Bromoform
Concen: 0.47 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. 0.276 min
Lab File: VN066870.D
Acq: 29 Apr 2021 18:27

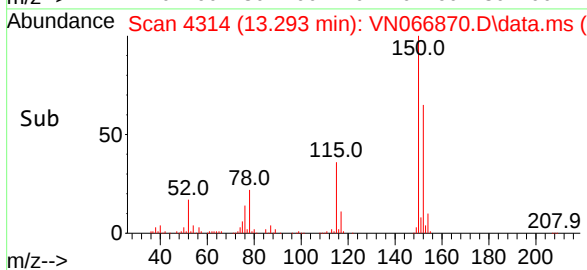
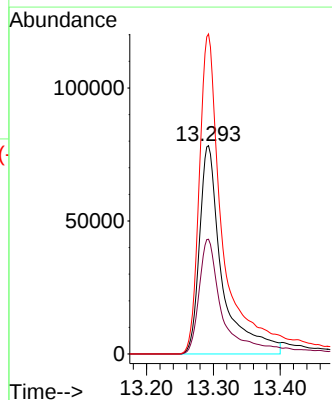
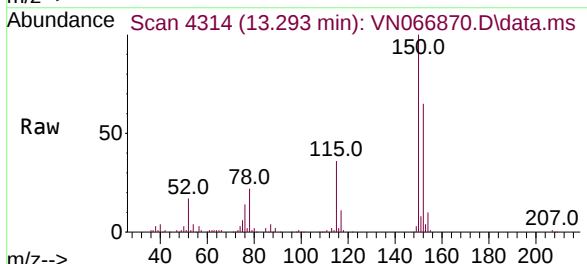
Instrument :
MSVOA_N
ClientSampled :

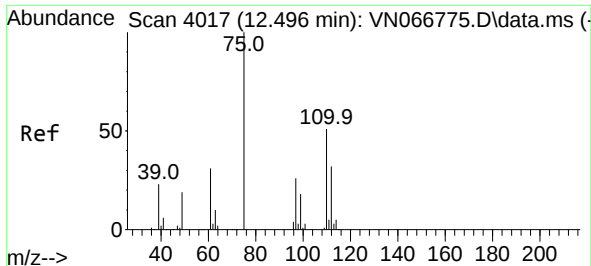
Tgt Ion:173 Resp: 1251
Ion Ratio Lower Upper
173 100
175 663.9 23.8 71.2#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.293 min Scan# 4314
Delta R.T. 0.005 min
Lab File: VN066870.D
Acq: 29 Apr 2021 18:27

Tgt Ion:152 Resp: 185572
Ion Ratio Lower Upper
152 100
115 56.4 28.5 85.6
150 160.4 0.0 347.6

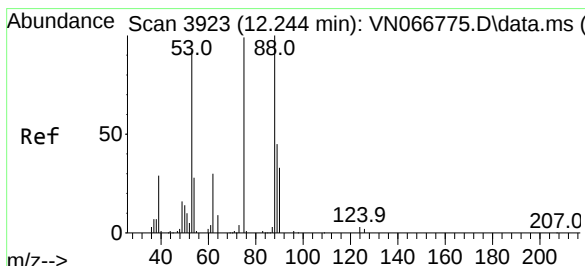
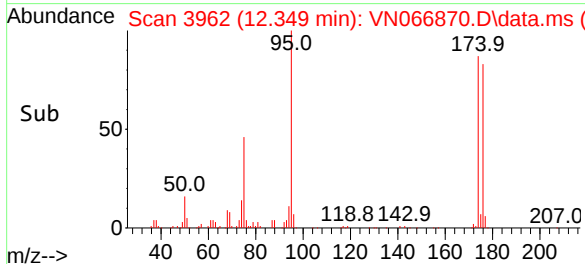
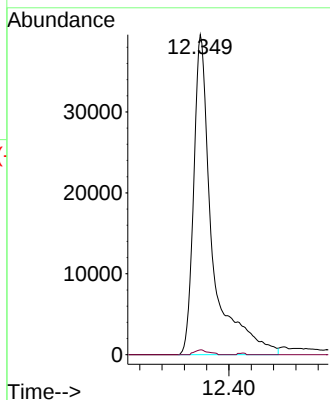
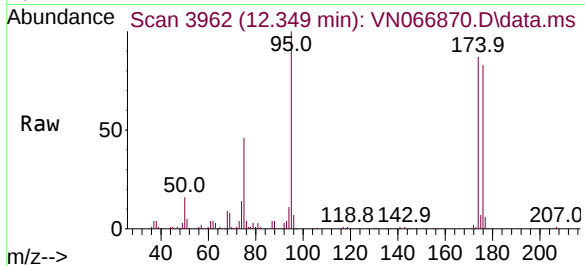




#76
1,2,3-Trichloropropane
Concen: 23.37 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. -0.147 min
Lab File: VN066870.D
Acq: 29 Apr 2021 18:27

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion: 75 Resp: 91396
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.11 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. 0.105 min
Lab File: VN066870.D
Acq: 29 Apr 2021 18:27

Tgt Ion: 75 Resp: 91396
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#

