

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042821\
 Data File : VN066815.D
 Acq On : 28 Apr 2021 16:17
 Operator : JC/MD
 Sample : M2138-21
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

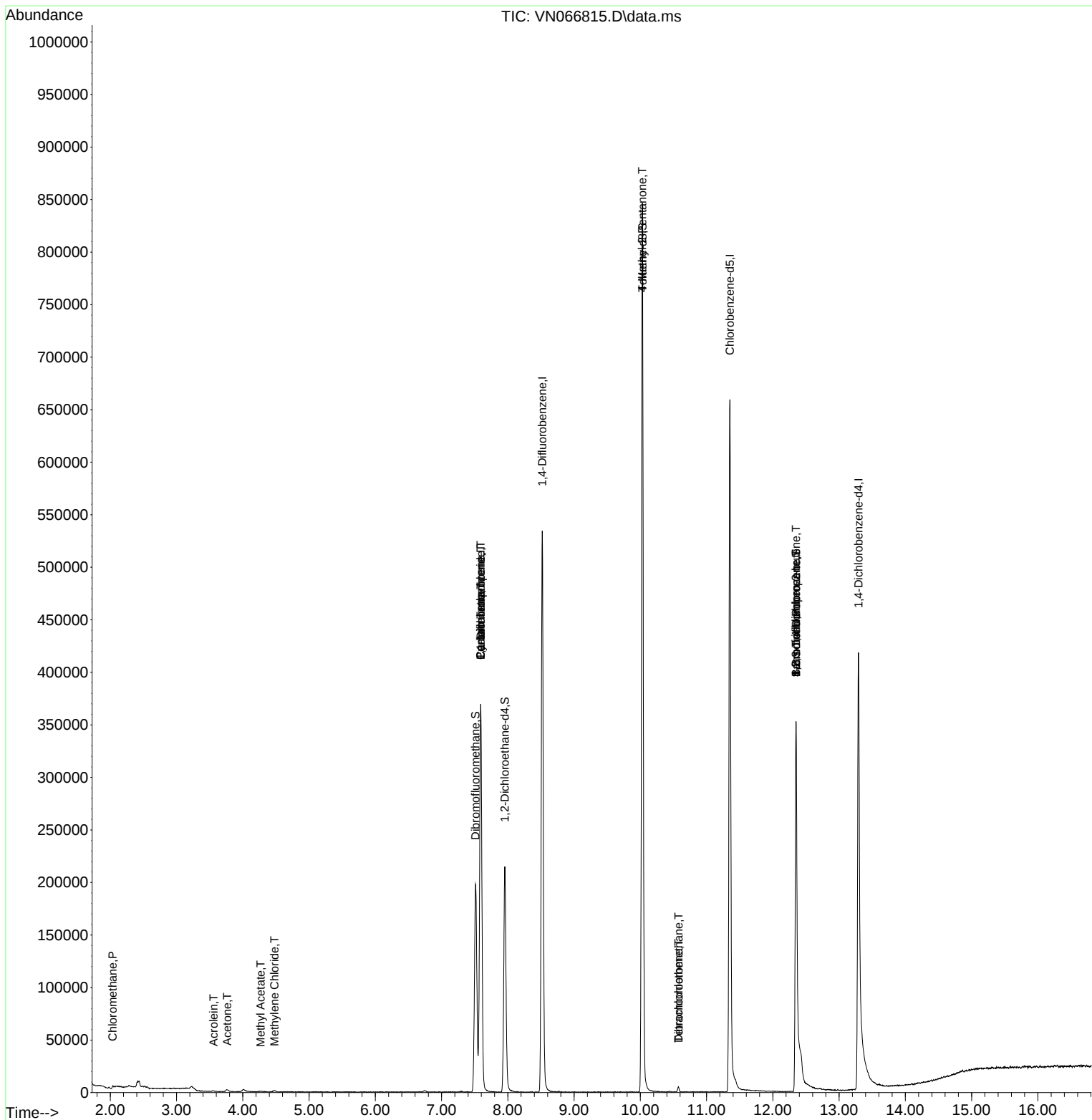
Quant Time: Apr 29 04:30:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 27 16:02:50 2021
 Response via : Initial Calibration

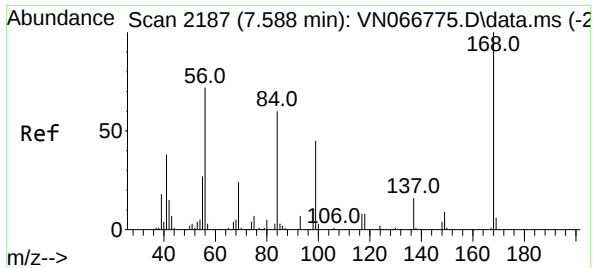
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.591	168	333372	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.519	114	510408	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.351	117	444855	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.293	152	193109	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.956	65	182648	42.64	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	85.28%
35) Dibromofluoromethane	7.513	113	158236	50.22	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.44%
50) Toluene-d8	10.032	98	606224	49.02	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.04%
62) 4-Bromofluorobenzene	12.349	95	180629	43.17	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	86.34%
Target Compounds						
					Qvalue	
3) Chloromethane	2.037	50	1067	0.22	ug/l	96
13) Acrolein	3.560	56	704	1.28	ug/l #	15
16) Acetone	3.764	43	3804	2.35	ug/l	100
18) Methyl Acetate	4.268	43	1198	1.38	ug/l #	55
20) Methylene Chloride	4.480	84	1049	0.26	ug/l #	77
31) Cyclohexane	7.591	56	5107	0.77	ug/l #	1
36) 1,1-Dichloropropene	7.591	75	22296	4.70	ug/l #	48
38) Carbon Tetrachloride	7.591	117	27673	6.08	ug/l #	17
51) 4-Methyl-2-Pentanone	10.029	43	2300	0.53	ug/l #	1
60) Dibromochloromethane	10.576	129	1193	0.32	ug/l #	11
64) Tetrachloroethene	10.579	164	1333	0.45	ug/l	88
71) Bromoform	12.349	173	964	0.40	ug/l #	1
76) 1,2,3-Trichloropropane	12.349	75	83474	20.51	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.349	75	83474	56.27	ug/l #	12

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

Quant Time: Apr 29 04:30:17 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

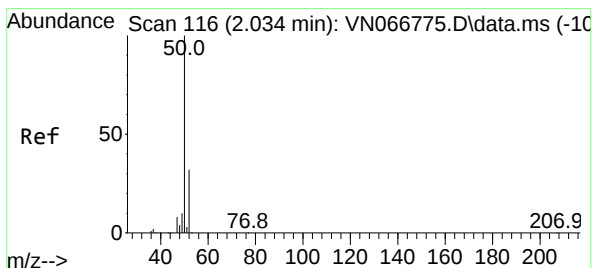
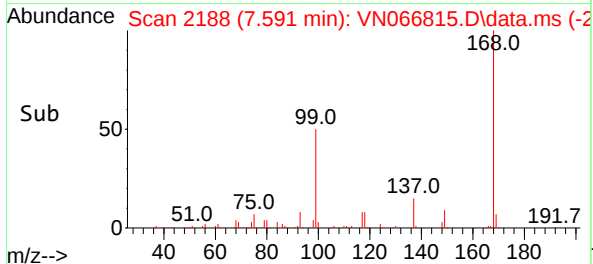
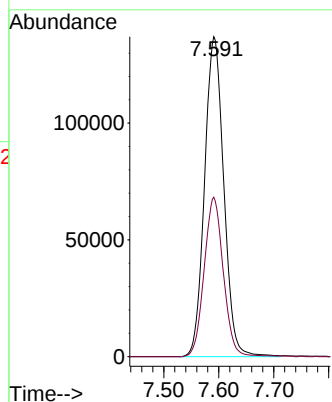
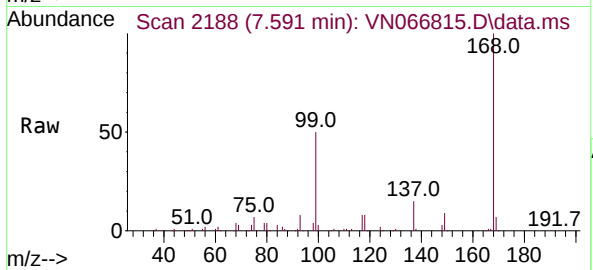




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. 0.003 min
Lab File: VN066815.D
Acq: 28 Apr 2021 16:17

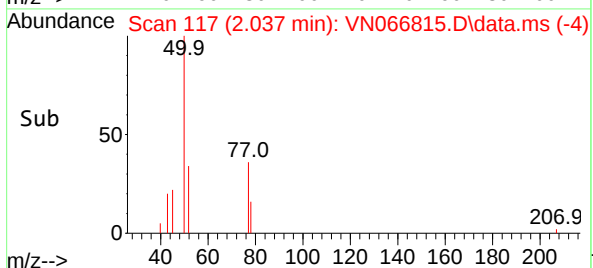
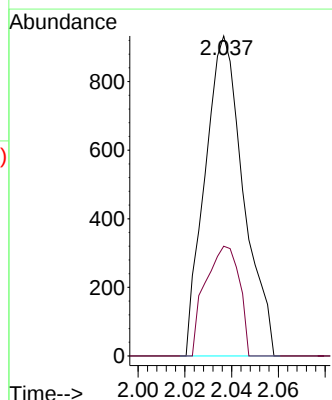
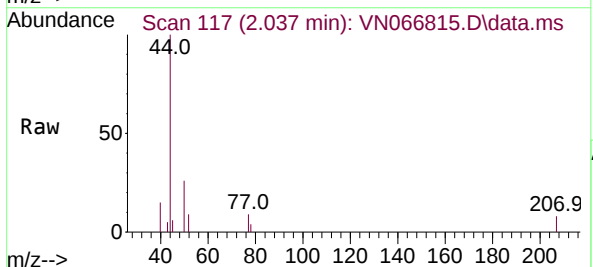
Instrument :
MSVOA_N
ClientSampled :

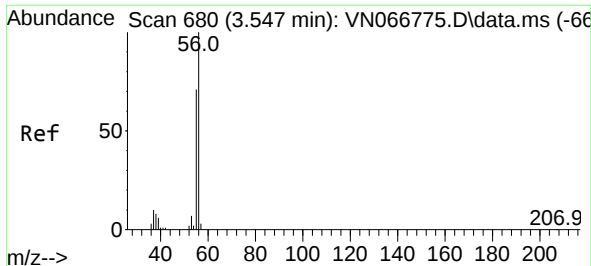
Tgt Ion:168 Resp: 333372
Ion Ratio Lower Upper
168 100
99 49.8 42.6 63.8



#3
Chloromethane
Concen: 0.22 ug/l
RT: 2.037 min Scan# 117
Delta R.T. 0.003 min
Lab File: VN066815.D
Acq: 28 Apr 2021 16:17

Tgt Ion: 50 Resp: 1067
Ion Ratio Lower Upper
50 100
52 34.3 25.8 38.8

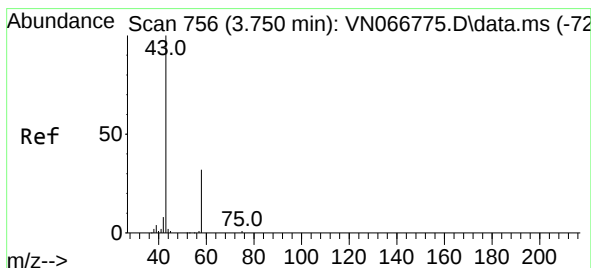
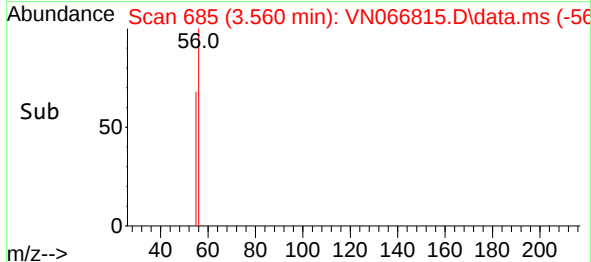
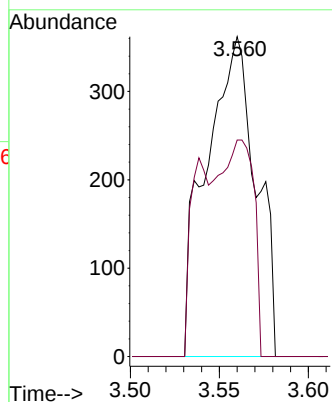
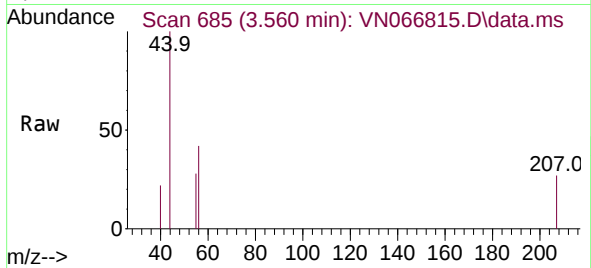




#13
Acrolein
Concen: 1.28 ug/l
RT: 3.560 min Scan# 685
Delta R.T. 0.013 min
Lab File: VN066815.D
Acq: 28 Apr 2021 16:17

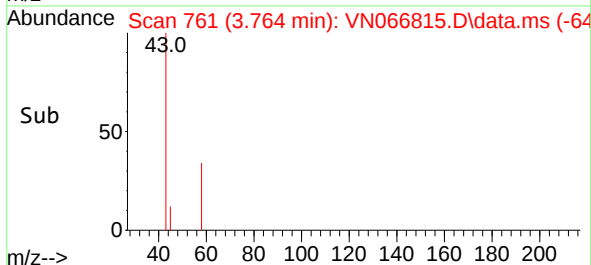
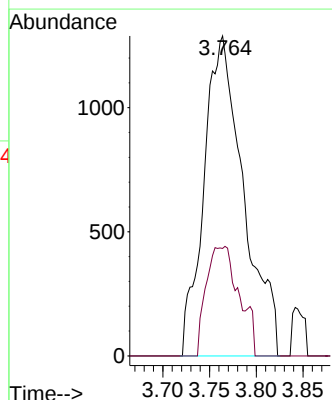
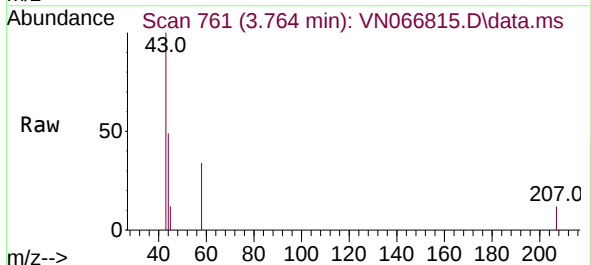
Instrument :
MSVOA_N
ClientSampled :

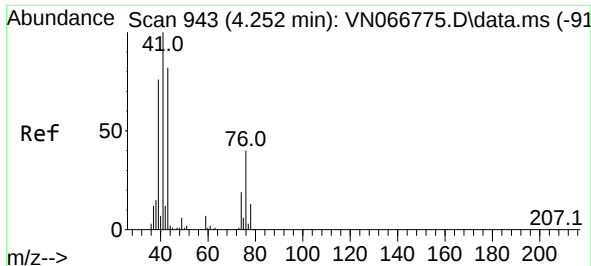
Tgt Ion: 56 Resp: 704
Ion Ratio Lower Upper
56 100
55 0.0 56.0 84.0#



#16
Acetone
Concen: 2.35 ug/l
RT: 3.764 min Scan# 761
Delta R.T. 0.014 min
Lab File: VN066815.D
Acq: 28 Apr 2021 16:17

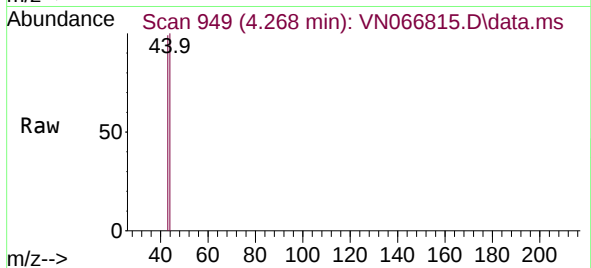
Tgt Ion: 43 Resp: 3804
Ion Ratio Lower Upper
43 100
58 33.6 27.0 40.6



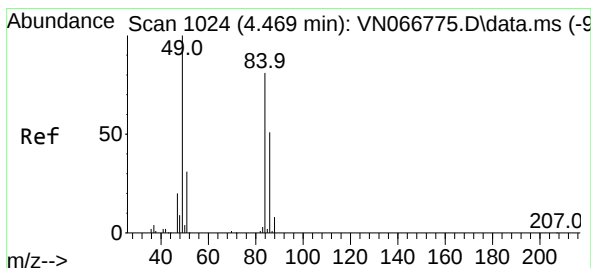
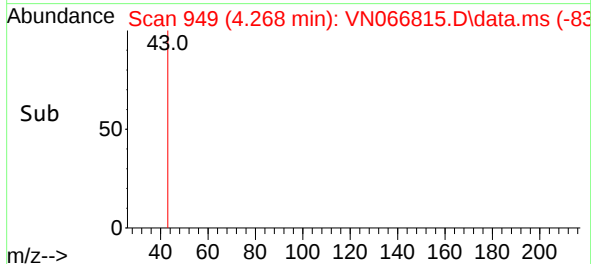
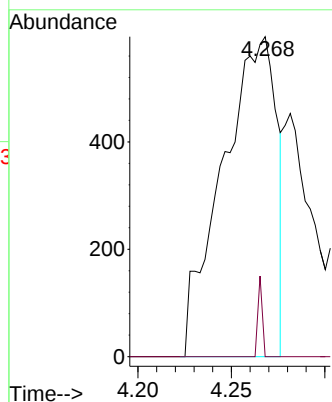


#18
Methyl Acetate
Concen: 1.38 ug/l
RT: 4.268 min Scan# 949
Delta R.T. 0.016 min
Lab File: VN066815.D
Acq: 28 Apr 2021 16:17

Instrument :
MSVOA_N
ClientSampled :

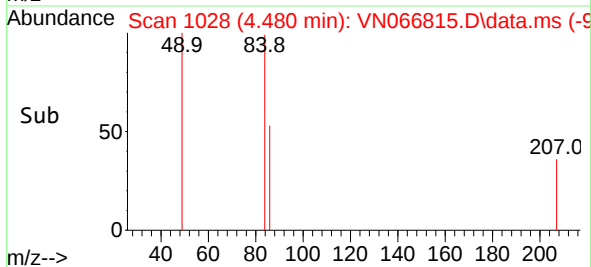
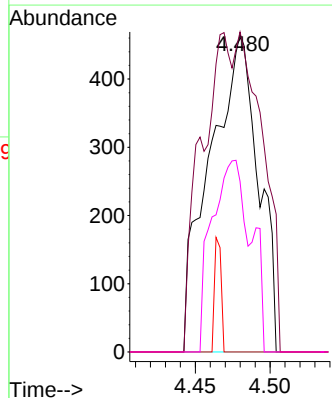
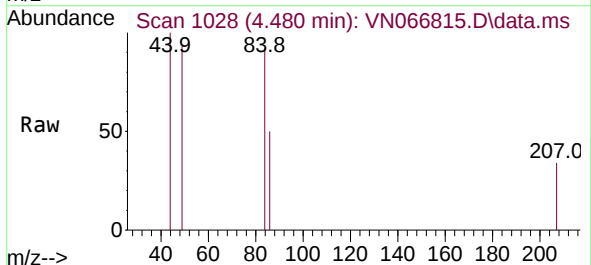


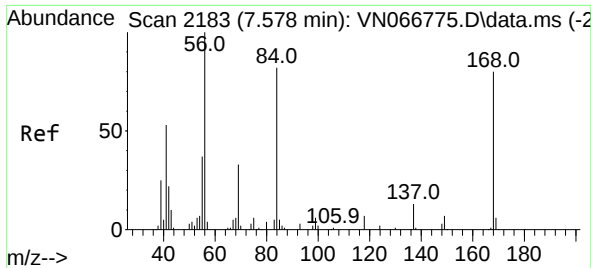
Tgt Ion: 43 Resp: 1198
Ion Ratio Lower Upper
43 100
74 2.0 19.5 29.3#



#20
Methylene Chloride
Concen: 0.26 ug/l
RT: 4.480 min Scan# 1028
Delta R.T. 0.011 min
Lab File: VN066815.D
Acq: 28 Apr 2021 16:17

Tgt Ion: 84 Resp: 1049
Ion Ratio Lower Upper
84 100
49 100.9 94.6 141.8
51 0.0 29.9 44.9#
86 53.8 51.4 77.2

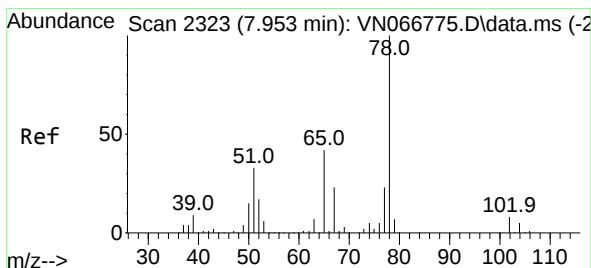
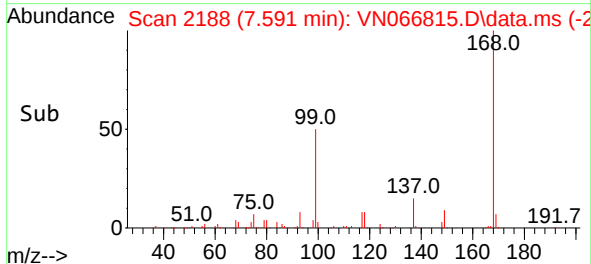
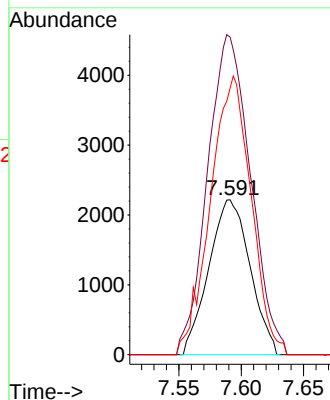
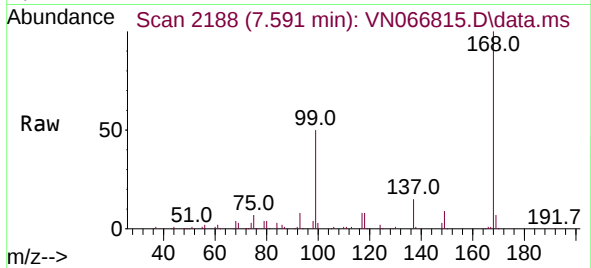




#31
Cyclohexane
Concen: 0.77 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. 0.013 min
Lab File: VN066815.D
Acq: 28 Apr 2021 16:17

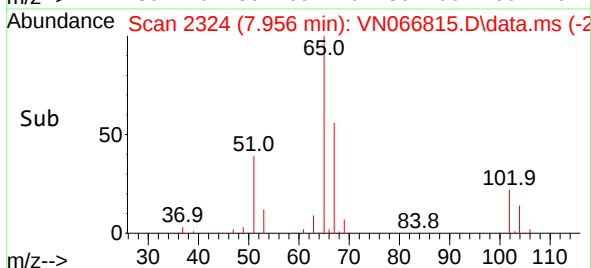
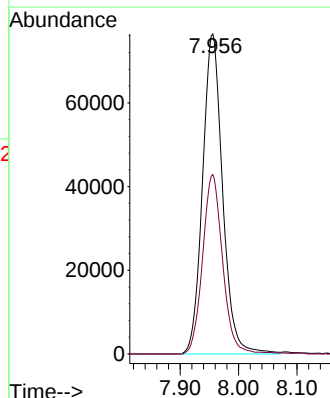
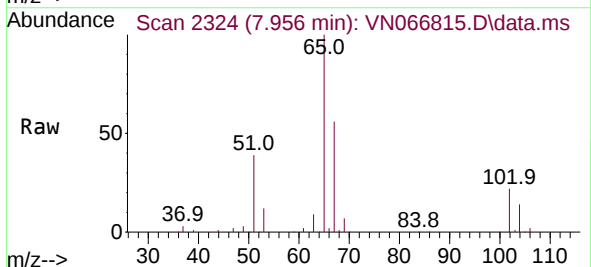
Instrument :
MSVOA_N
ClientSampled :

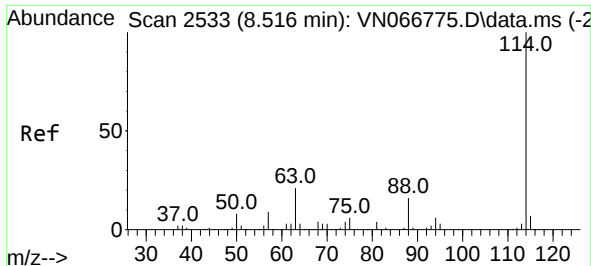
Tgt Ion: 56 Resp: 5107
Ion Ratio Lower Upper
56 100
69 194.7 26.6 39.8#
84 164.5 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 42.64 ug/l
RT: 7.956 min Scan# 2324
Delta R.T. 0.003 min
Lab File: VN066815.D
Acq: 28 Apr 2021 16:17

Tgt Ion: 65 Resp: 182648
Ion Ratio Lower Upper
65 100
67 56.0 0.0 107.2

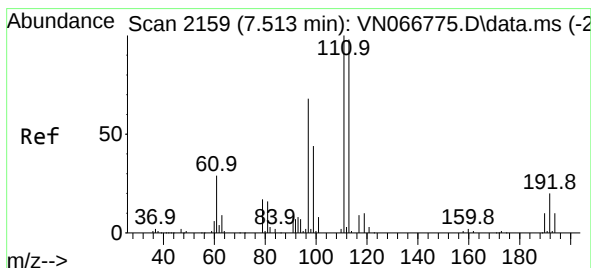
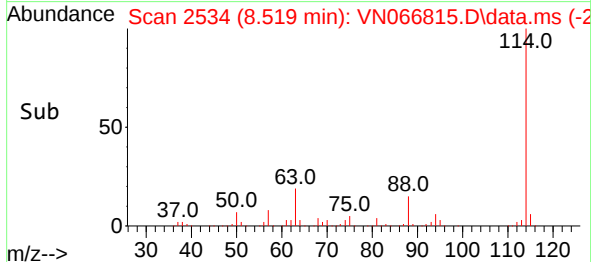
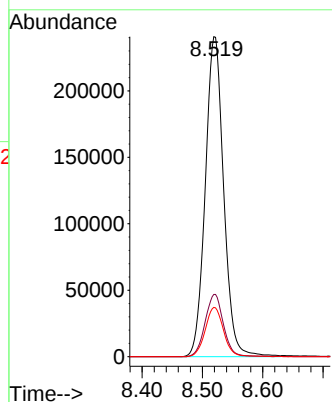
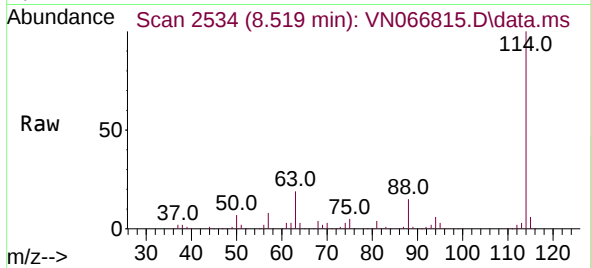




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.519 min Scan# 2534
Delta R.T. 0.003 min
Lab File: VN066815.D
Acq: 28 Apr 2021 16:17

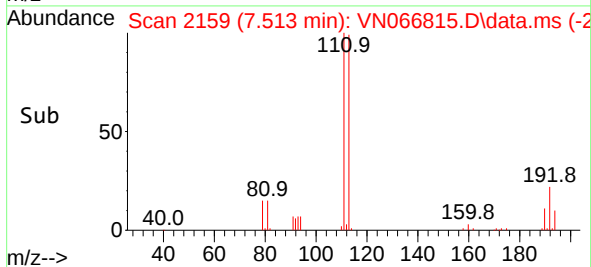
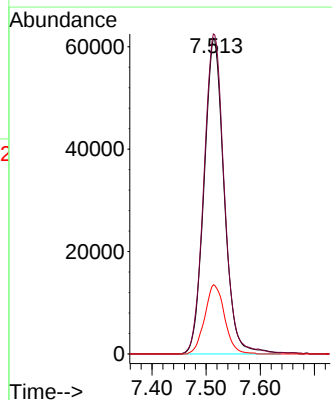
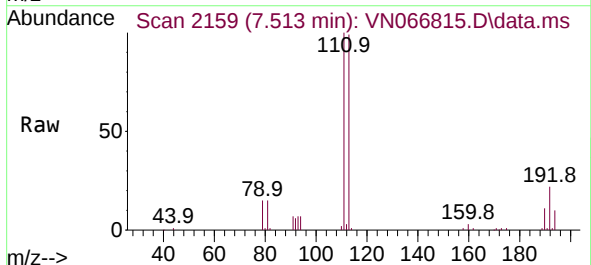
Instrument :
MSVOA_N
ClientSampled :

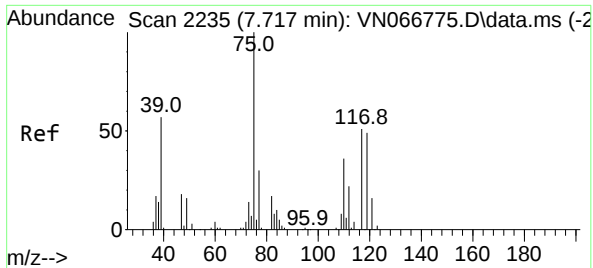
Tgt Ion:114 Resp: 510408
Ion Ratio Lower Upper
114 100
63 19.5 0.0 38.6
88 15.4 0.0 30.6



#35
Dibromofluoromethane
Concen: 50.22 ug/l
RT: 7.513 min Scan# 2159
Delta R.T. 0.000 min
Lab File: VN066815.D
Acq: 28 Apr 2021 16:17

Tgt Ion:113 Resp: 158236
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.2
192 21.8 15.4 23.0

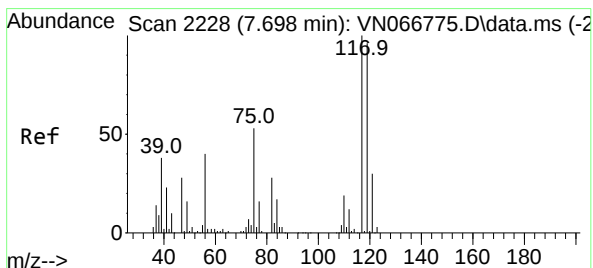
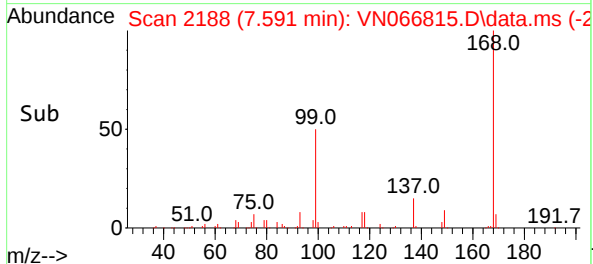
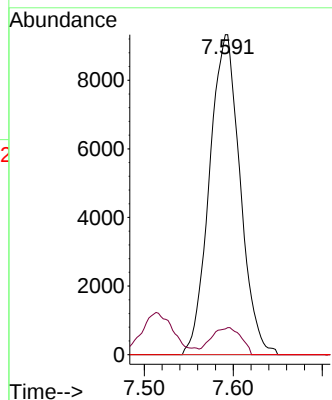
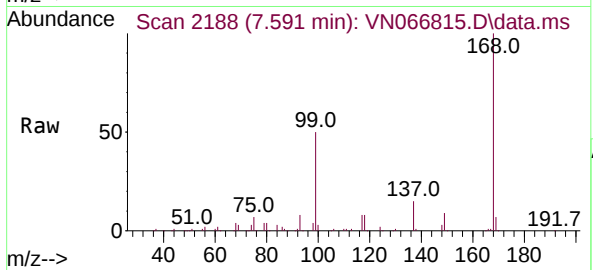




#36
1,1-Dichloropropene
Concen: 4.70 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. -0.126 min
Lab File: VN066815.D
Acq: 28 Apr 2021 16:17

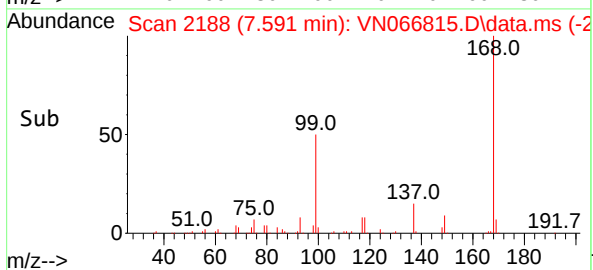
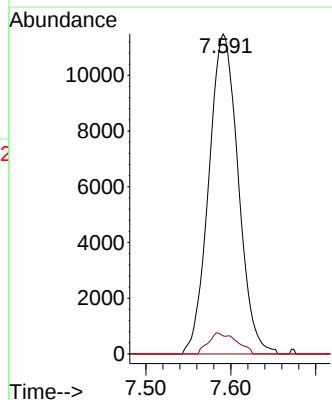
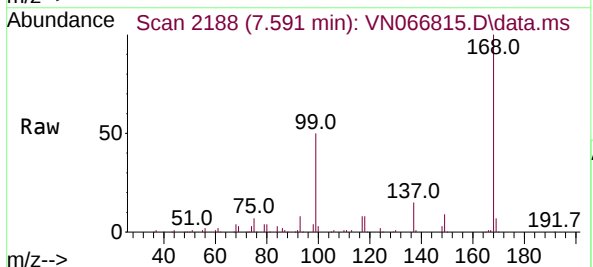
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ClientSampled :

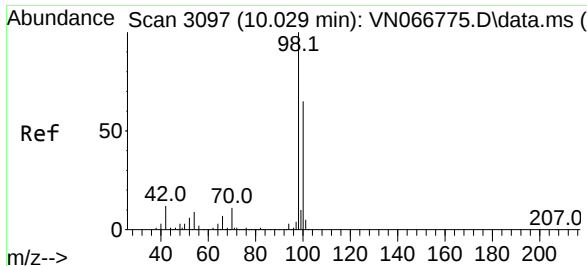
Tgt Ion: 75 Resp: 22296
Ion Ratio Lower Upper
75 100
110 8.2 18.2 54.6#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 6.08 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. -0.107 min
Lab File: VN066815.D
Acq: 28 Apr 2021 16:17

Tgt Ion: 117 Resp: 27673
Ion Ratio Lower Upper
117 100
119 5.6 76.0 114.0#
121 0.0 24.5 36.7#

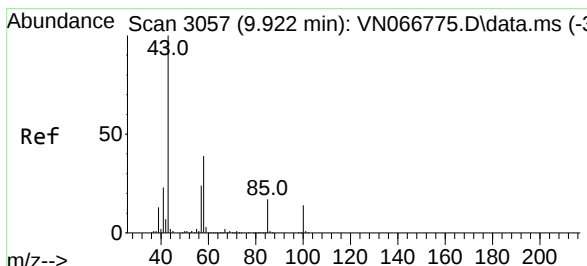
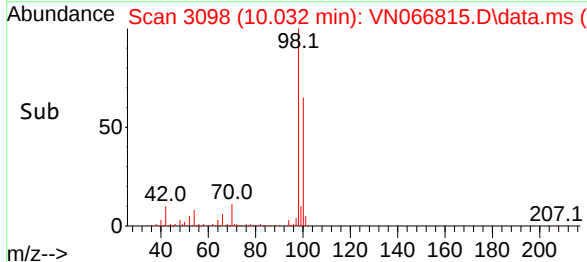
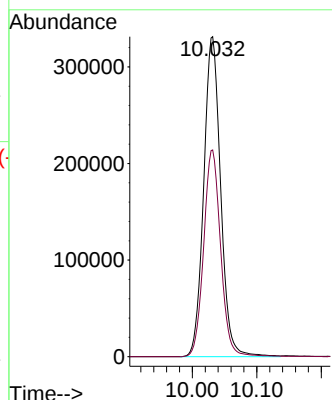
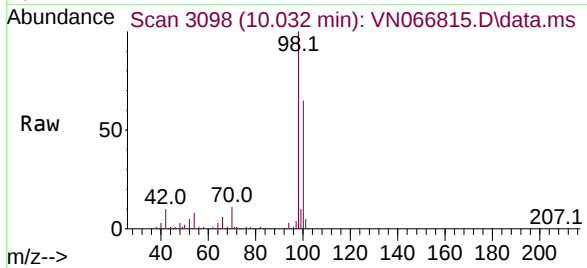




#50
Toluene-d8
Concen: 49.02 ug/l
RT: 10.032 min Scan# 3098
Delta R.T. 0.003 min
Lab File: VN066815.D
Acq: 28 Apr 2021 16:17

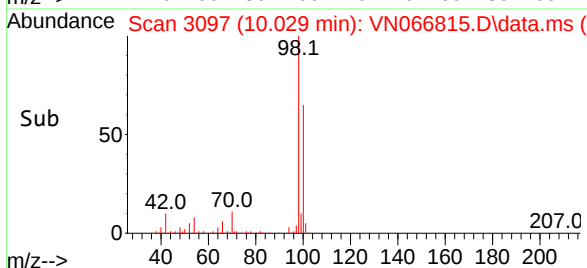
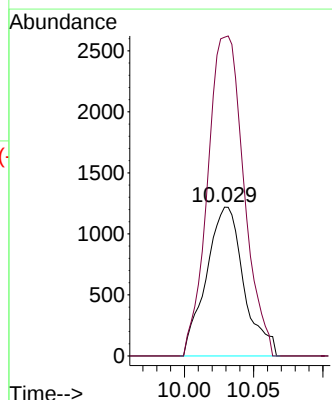
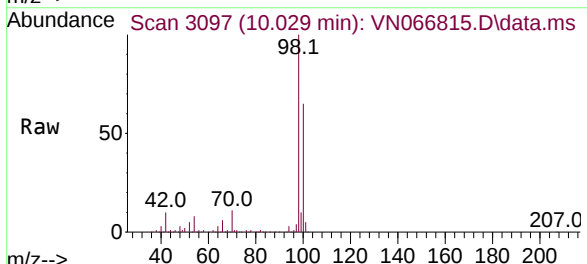
Instrument :
MSVOA_N
ClientSampleId :

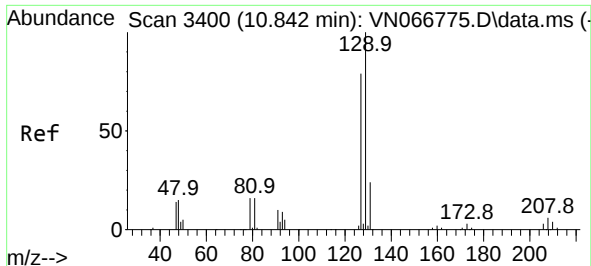
Tgt Ion: 98 Resp: 606224
Ion Ratio Lower Upper
98 100
100 64.6 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 0.53 ug/l
RT: 10.029 min Scan# 3097
Delta R.T. 0.107 min
Lab File: VN066815.D
Acq: 28 Apr 2021 16:17

Tgt Ion: 43 Resp: 2300
Ion Ratio Lower Upper
43 100
58 207.5 32.5 48.7#

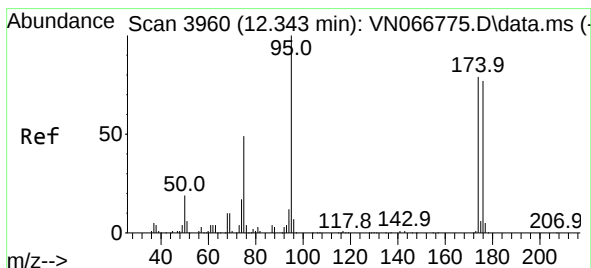
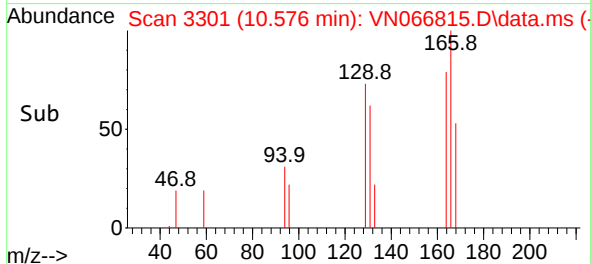
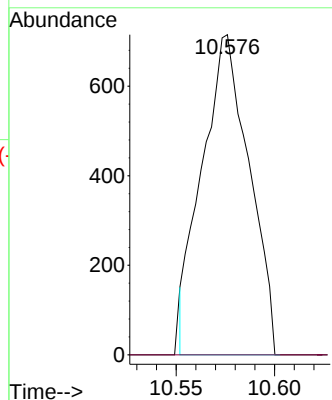
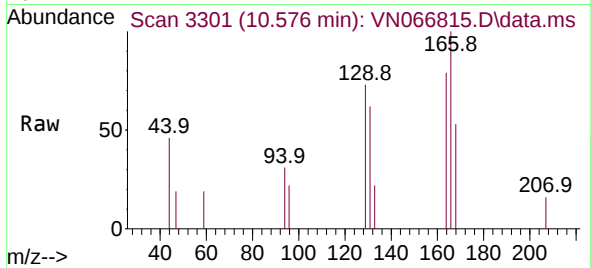




#60
Dibromochloromethane
Concen: 0.32 ug/l
RT: 10.576 min Scan# 3301
Delta R.T. -0.266 min
Lab File: VN066815.D
Acq: 28 Apr 2021 16:17

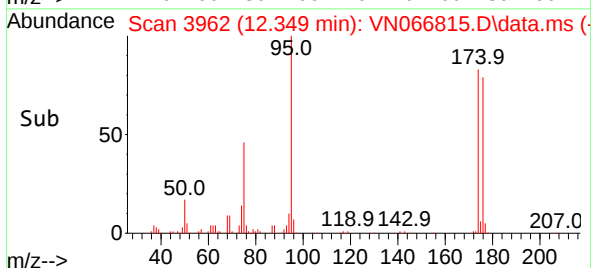
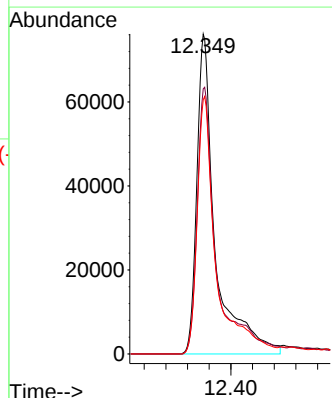
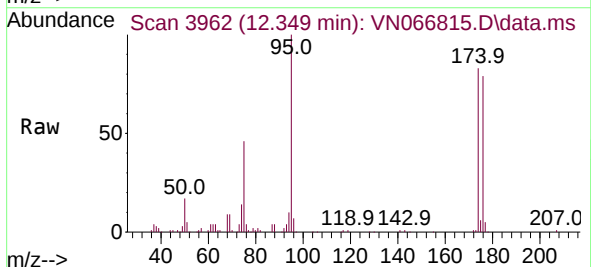
Instrument :
MSVOA_N
ClientSampleId :

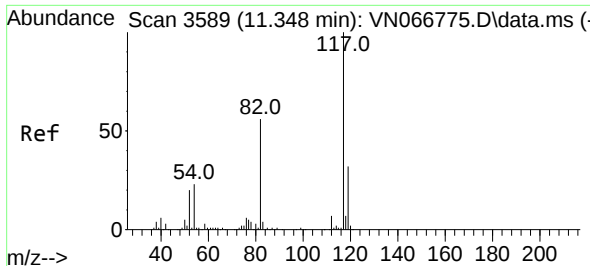
Tgt Ion:129 Resp: 1193
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#



#62
4-Bromofluorobenzene
Concen: 43.17 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. 0.006 min
Lab File: VN066815.D
Acq: 28 Apr 2021 16:17

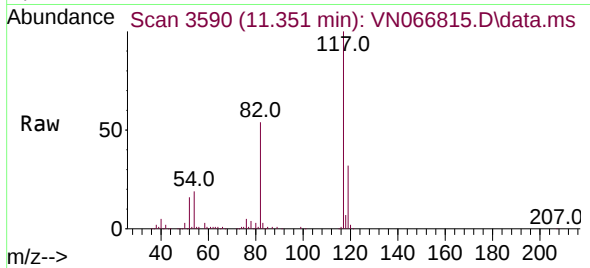
Tgt Ion: 95 Resp: 180629
Ion Ratio Lower Upper
95 100
174 86.4 0.0 169.0
176 82.2 0.0 162.4



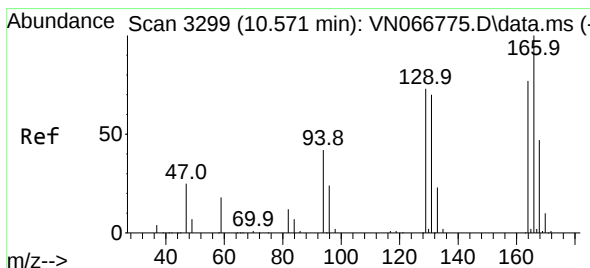
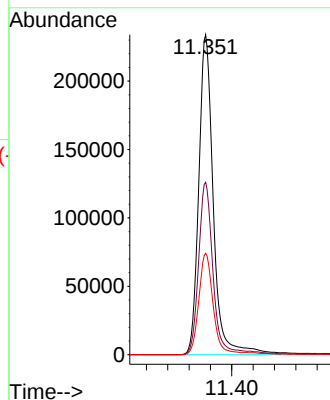
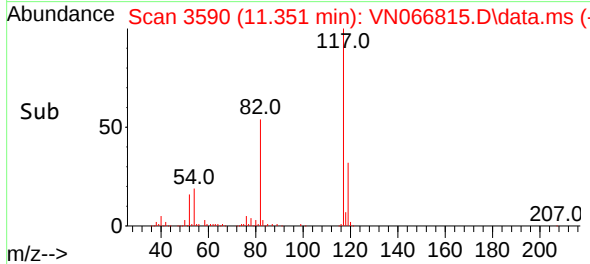


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.351 min Scan# 3590
Delta R.T. 0.003 min
Lab File: VN066815.D
Acq: 28 Apr 2021 16:17

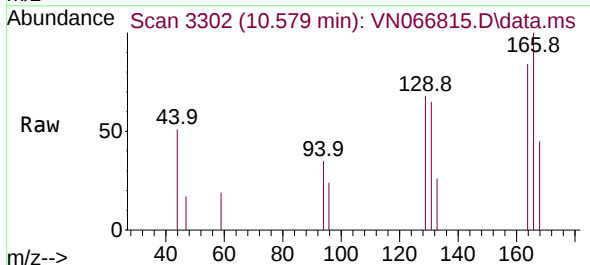
Instrument :
MSVOA_N
ClientSampleId :



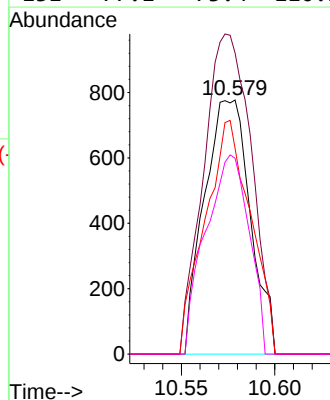
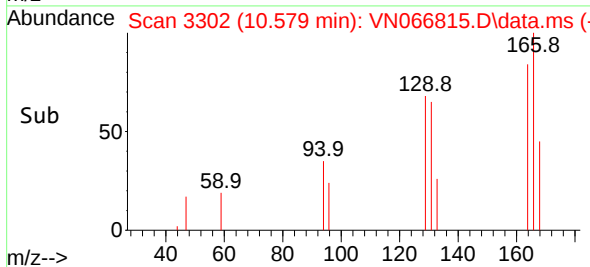
Tgt Ion:117 Resp: 444855
Ion Ratio Lower Upper
117 100
82 53.9 43.7 65.5
119 31.7 26.1 39.1

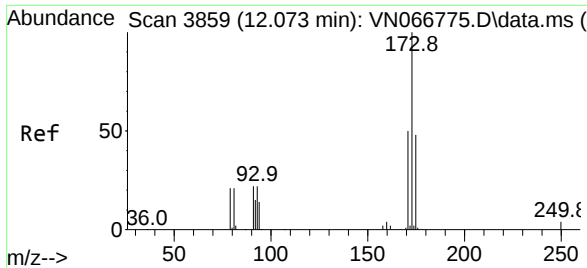


#64
Tetrachloroethene
Concen: 0.45 ug/l
RT: 10.579 min Scan# 3302
Delta R.T. 0.008 min
Lab File: VN066815.D
Acq: 28 Apr 2021 16:17



Tgt Ion:164 Resp: 1333
Ion Ratio Lower Upper
164 100
166 118.5 102.6 154.0
129 81.0 76.2 114.4
131 77.1 73.4 110.2

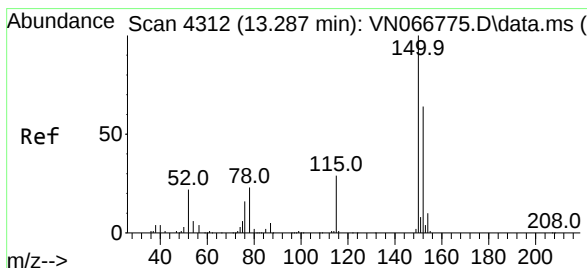
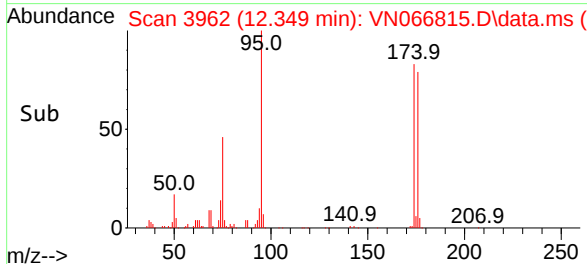
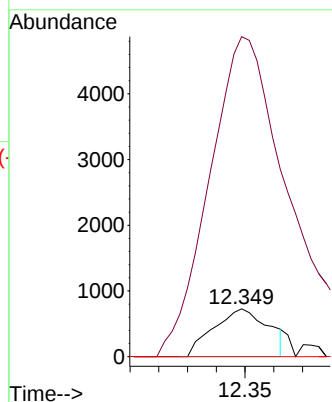
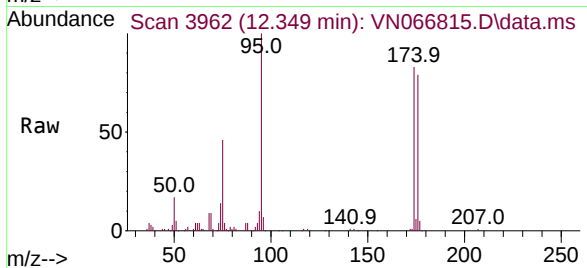




#71
Bromoform
Concen: 0.40 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. 0.276 min
Lab File: VN066815.D
Acq: 28 Apr 2021 16:17

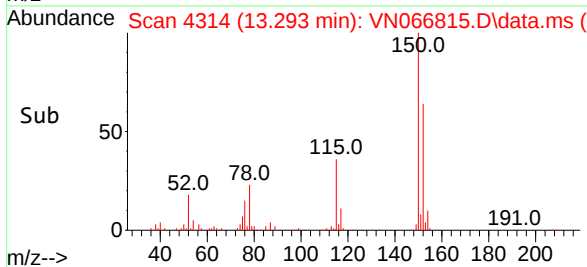
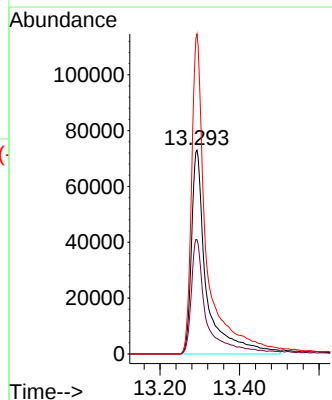
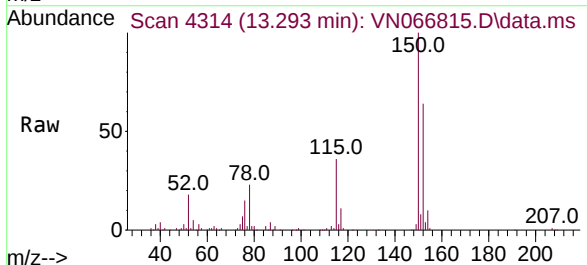
Instrument :
MSVOA_N
ClientSampled :

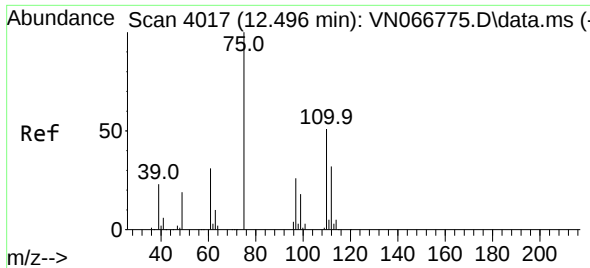
Tgt Ion:173 Resp: 964
Ion Ratio Lower Upper
173 100
175 757.5 23.8 71.2#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.293 min Scan# 4314
Delta R.T. 0.005 min
Lab File: VN066815.D
Acq: 28 Apr 2021 16:17

Tgt Ion:152 Resp: 193109
Ion Ratio Lower Upper
152 100
115 52.1 28.5 85.6
150 156.0 0.0 347.6

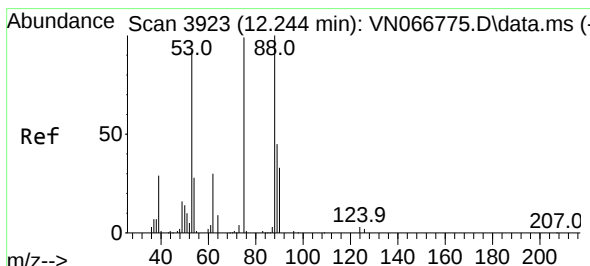
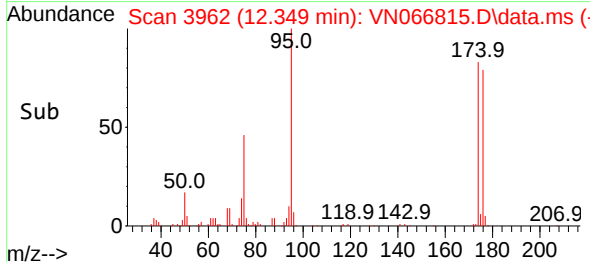
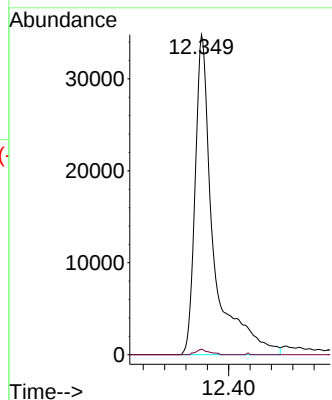
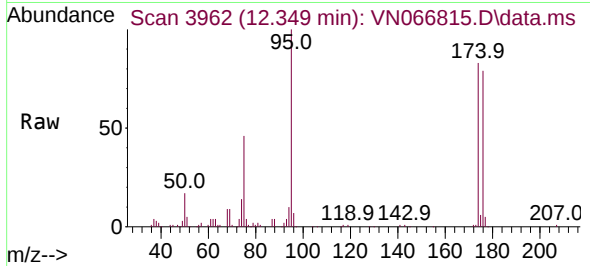




#76
1,2,3-Trichloropropane
Concen: 20.51 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. -0.147 min
Lab File: VN066815.D
Acq: 28 Apr 2021 16:17

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 83474
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 56.27 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. 0.105 min
Lab File: VN066815.D
Acq: 28 Apr 2021 16:17

Tgt Ion: 75 Resp: 83474
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#

