

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042821\
 Data File : VN066812.D
 Acq On : 28 Apr 2021 15:06
 Operator : JC/MD
 Sample : M2138-18
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

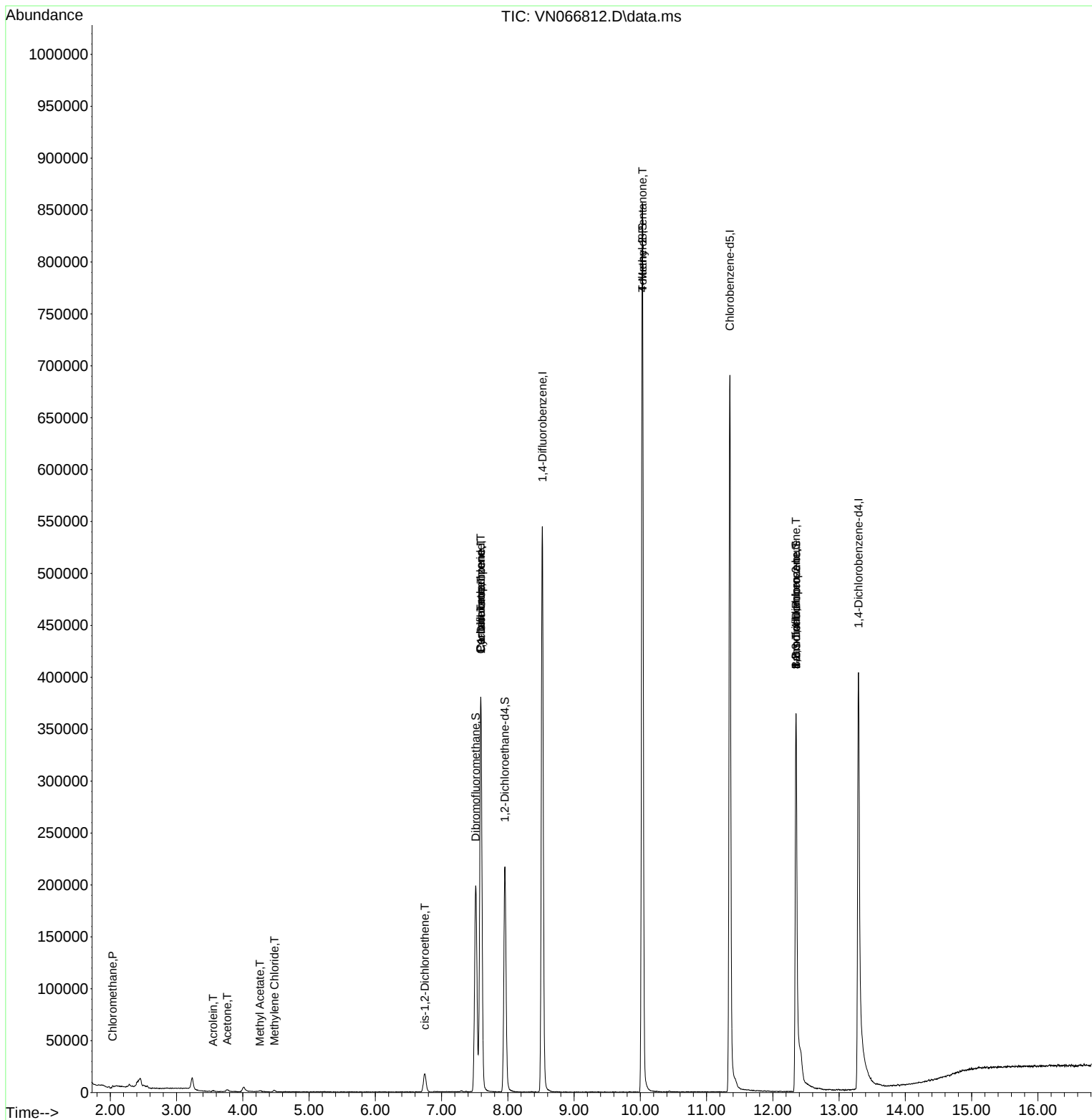
Quant Time: Apr 29 04:29:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 27 16:02:50 2021
 Response via : Initial Calibration

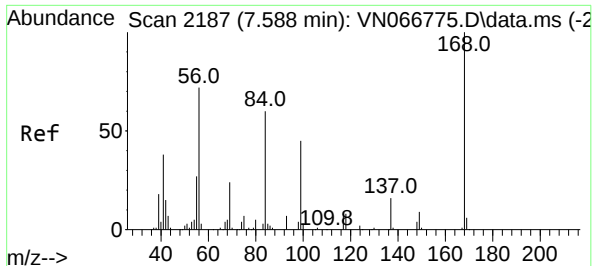
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.591	168	344464	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.522	114	521385	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.351	117	461652	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.293	152	182600	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.956	65	184659	41.72	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	83.44%		
35) Dibromofluoromethane	7.516	113	161057	50.04	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.08%		
50) Toluene-d8	10.032	98	625559	49.52	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.04%		
62) 4-Bromofluorobenzene	12.349	95	186503	43.63	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	87.26%		
Target Compounds						Qvalue
3) Chloromethane	2.037	50	1240	0.25	ug/l	100
13) Acrolein	3.552	56	643	1.13	ug/l #	75
16) Acetone	3.764	43	3457	2.07	ug/l	93
18) Methyl Acetate	4.260	43	2518	1.66	ug/l #	71
20) Methylene Chloride	4.477	84	1137	0.27	ug/l	93
27) cis-1,2-Dichloroethene	6.749	96	13228	3.08	ug/l	90
31) Cyclohexane	7.594	56	5865	0.86	ug/l #	1
36) 1,1-Dichloropropene	7.594	75	22960	4.74	ug/l #	48
38) Carbon Tetrachloride	7.591	117	29140	6.27	ug/l #	17
51) 4-Methyl-2-Pentanone	10.032	43	2367	0.53	ug/l #	1
71) Bromoform	12.349	173	901	0.36	ug/l #	1
76) 1,2,3-Trichloropropane	12.349	75	72567	18.86	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.349	75	72567	52.31	ug/l #	12

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

Quant Time: Apr 29 04:29:53 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

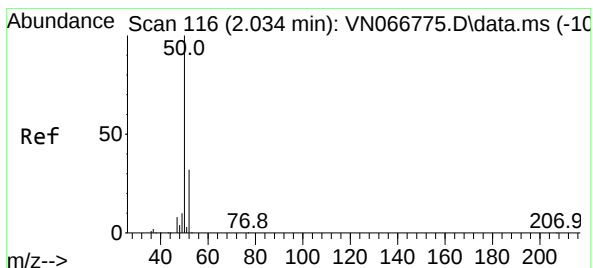
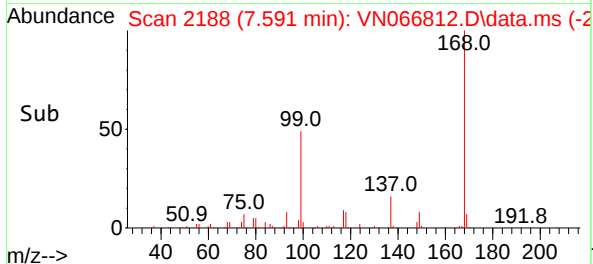
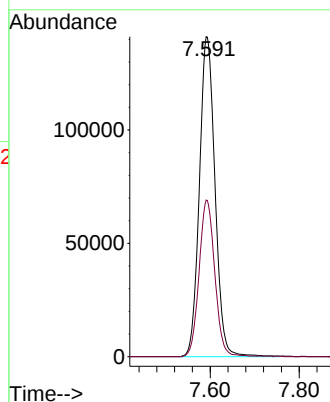
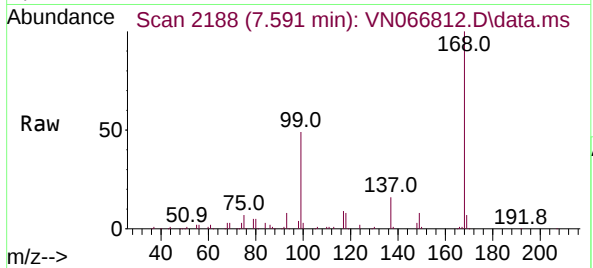




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. 0.003 min
Lab File: VN066812.D
Acq: 28 Apr 2021 15:06

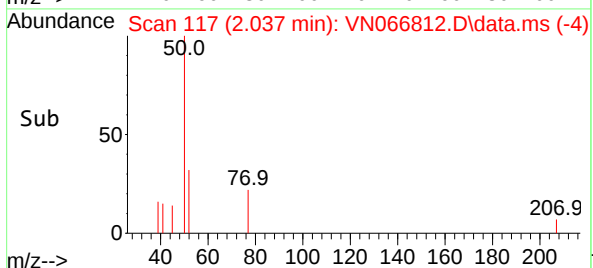
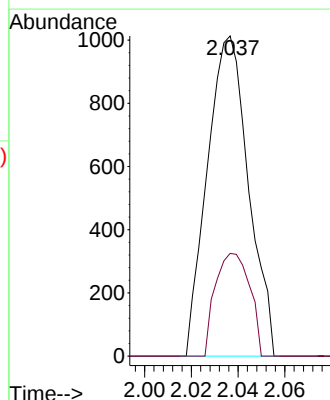
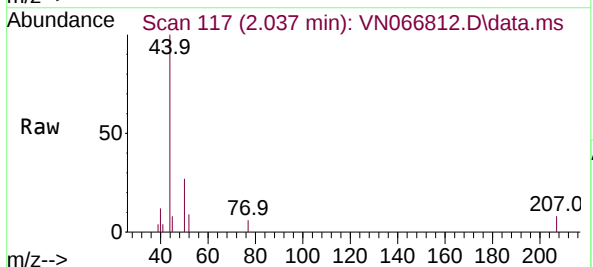
Instrument :
MSVOA_N
ClientSampleId :

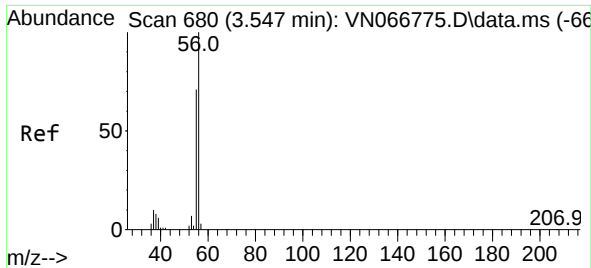
Tgt Ion:168 Resp: 344464
Ion Ratio Lower Upper
168 100
99 48.9 42.6 63.8



#3
Chloromethane
Concen: 0.25 ug/l
RT: 2.037 min Scan# 117
Delta R.T. 0.003 min
Lab File: VN066812.D
Acq: 28 Apr 2021 15:06

Tgt Ion: 50 Resp: 1240
Ion Ratio Lower Upper
50 100
52 32.1 25.8 38.8

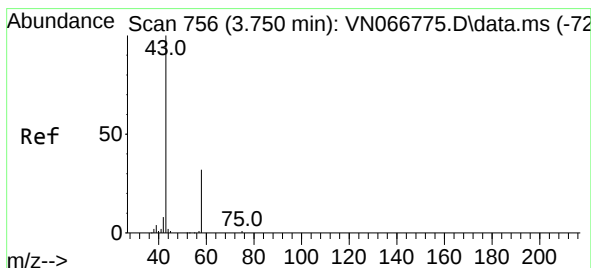
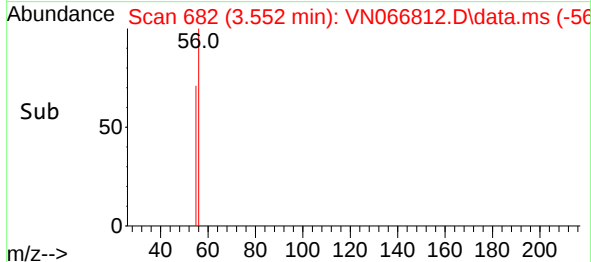
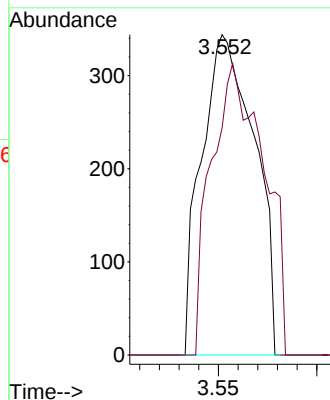
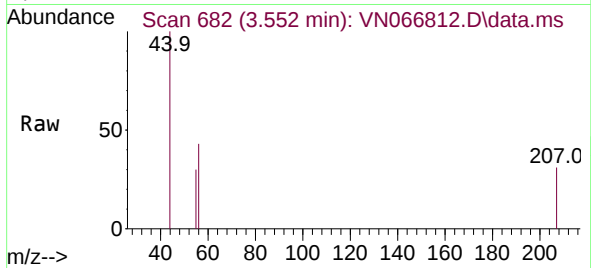




#13
Acrolein
Concen: 1.13 ug/l
RT: 3.552 min Scan# 682
Delta R.T. 0.005 min
Lab File: VN066812.D
Acq: 28 Apr 2021 15:06

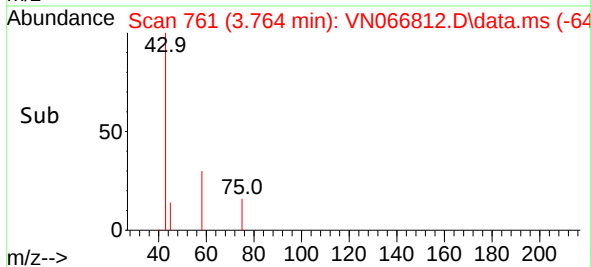
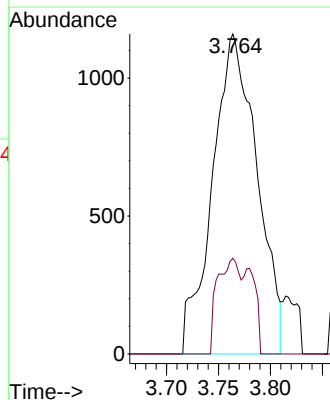
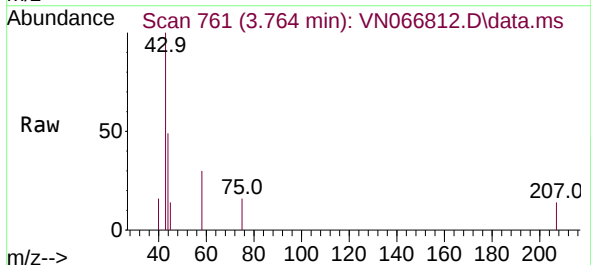
Instrument :
MSVOA_N
ClientSampled :

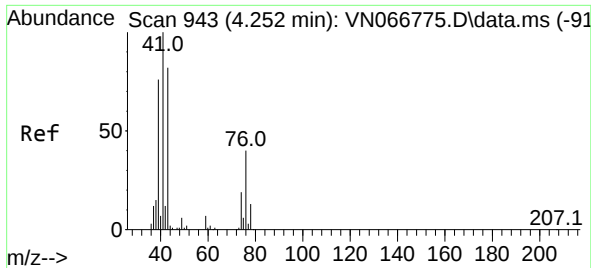
Tgt Ion: 56 Resp: 643
Ion Ratio Lower Upper
56 100
55 90.7 56.0 84.0#



#16
Acetone
Concen: 2.07 ug/l
RT: 3.764 min Scan# 761
Delta R.T. 0.014 min
Lab File: VN066812.D
Acq: 28 Apr 2021 15:06

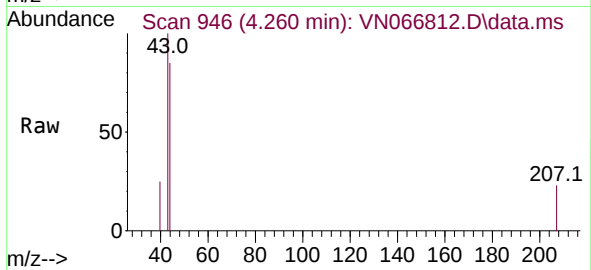
Tgt Ion: 43 Resp: 3457
Ion Ratio Lower Upper
43 100
58 29.9 27.0 40.6



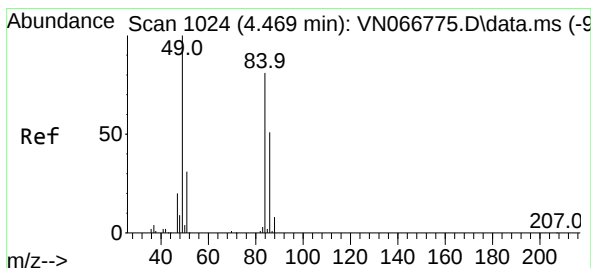
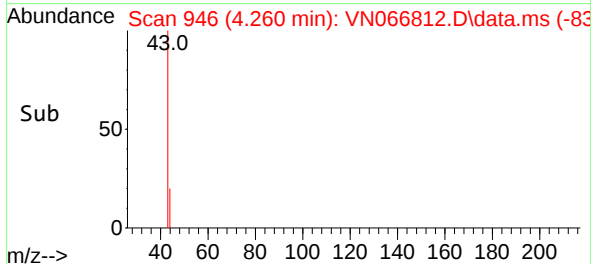
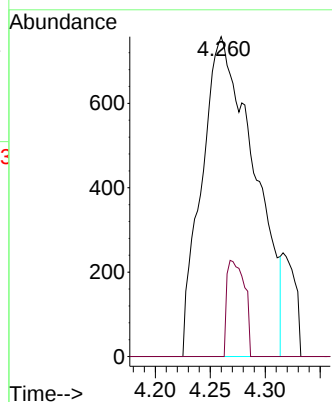


#18
Methyl Acetate
Concen: 1.66 ug/l
RT: 4.260 min Scan# 946
Delta R.T. 0.008 min
Lab File: VN066812.D
Acq: 28 Apr 2021 15:06

Instrument :
MSVOA_N
ClientSampleId :

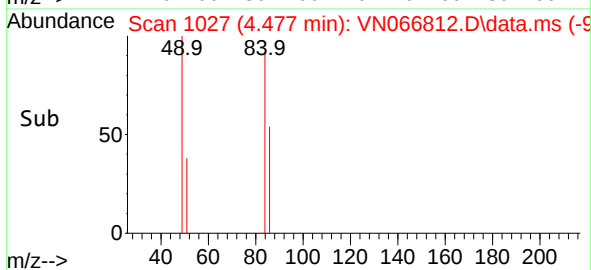
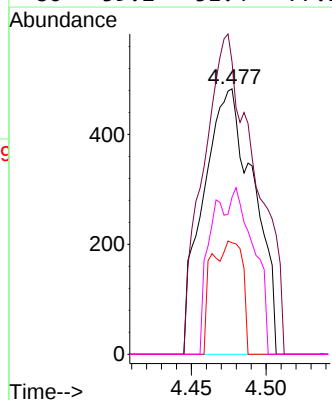
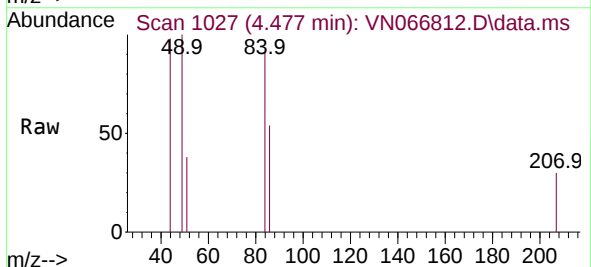


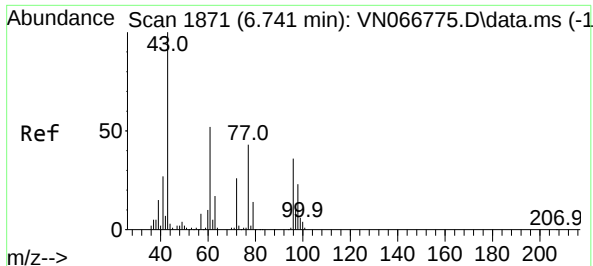
Tgt Ion: 43 Resp: 2518
Ion Ratio Lower Upper
43 100
74 10.1 19.5 29.3#



#20
Methylene Chloride
Concen: 0.27 ug/l
RT: 4.477 min Scan# 1027
Delta R.T. 0.008 min
Lab File: VN066812.D
Acq: 28 Apr 2021 15:06

Tgt Ion: 84 Resp: 1137
Ion Ratio Lower Upper
84 100
49 110.1 94.6 141.8
51 42.0 29.9 44.9
86 59.2 51.4 77.2





#27

cis-1,2-Dichloroethene

Concen: 3.08 ug/l

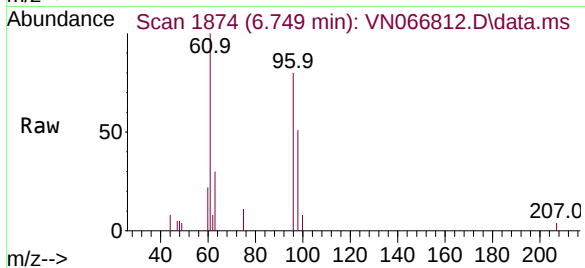
RT: 6.749 min Scan# 1874

Delta R.T. 0.008 min

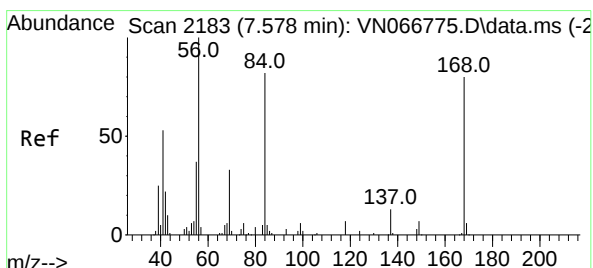
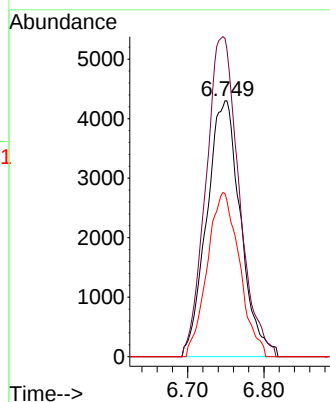
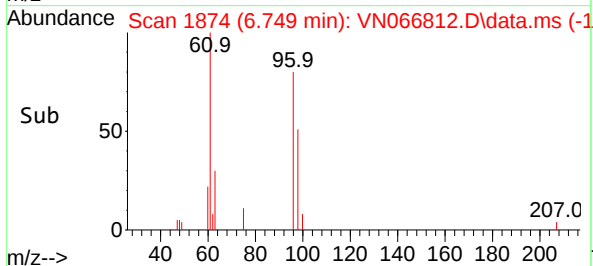
Lab File: VN066812.D

Acq: 28 Apr 2021 15:06

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:	96	Resp:	13228
Ion	Ratio	Lower	Upper
96	100		
61	122.5	0.0	276.8
98	61.1	0.0	129.4



#31

Cyclohexane

Concen: 0.86 ug/l

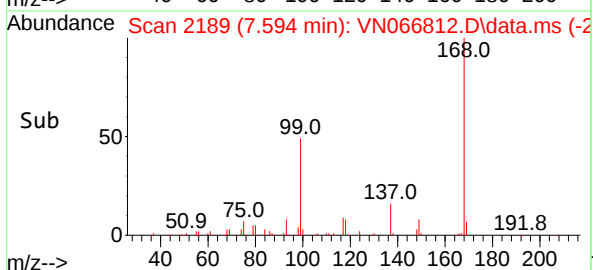
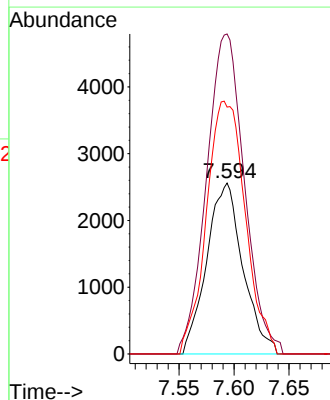
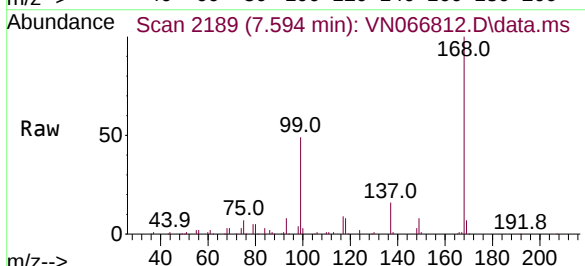
RT: 7.594 min Scan# 2189

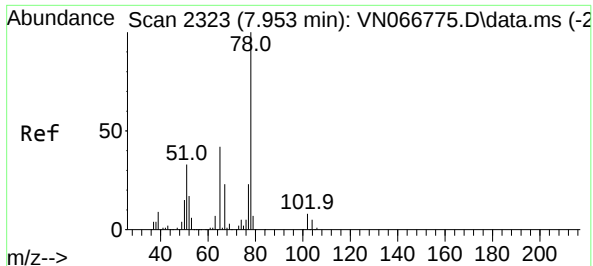
Delta R.T. 0.016 min

Lab File: VN066812.D

Acq: 28 Apr 2021 15:06

Tgt Ion:	56	Resp:	5865
Ion	Ratio	Lower	Upper
56	100		
69	181.3	26.6	39.8#
84	144.5	70.4	105.6#





#33

1,2-Dichloroethane-d4

Concen: 41.72 ug/l

RT: 7.956 min Scan# 2324

Delta R.T. 0.003 min

Lab File: VN066812.D

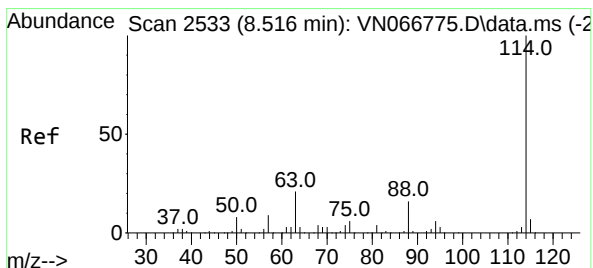
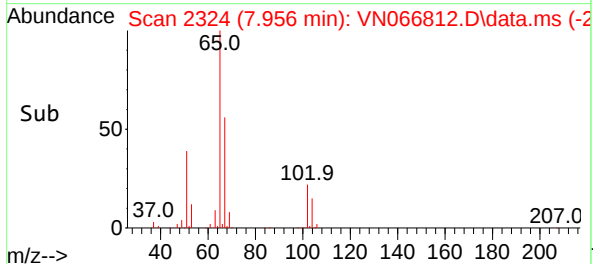
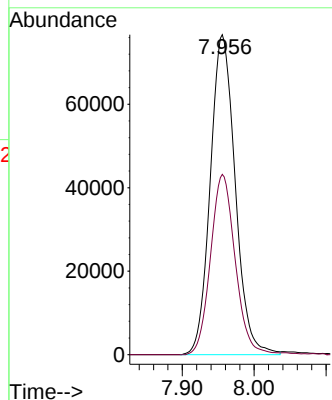
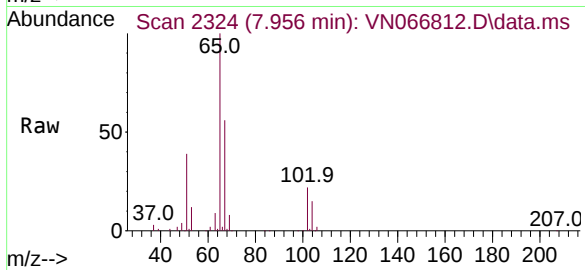
Acq: 28 Apr 2021 15:06

Tgt Ion: 65 Resp: 184659

Ion Ratio Lower Upper

65 100

67 55.7 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.522 min Scan# 2535

Delta R.T. 0.006 min

Lab File: VN066812.D

Acq: 28 Apr 2021 15:06

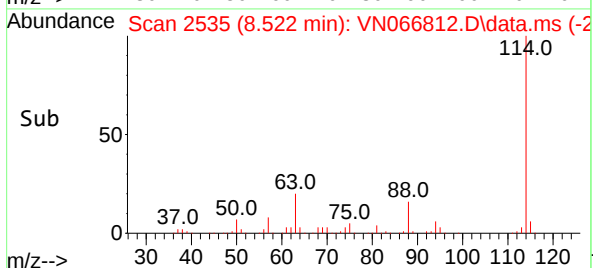
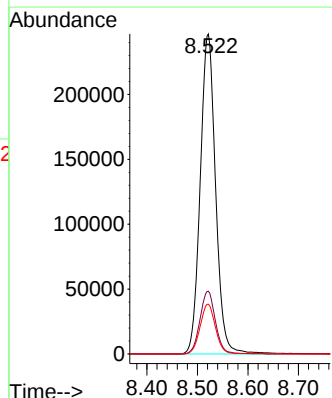
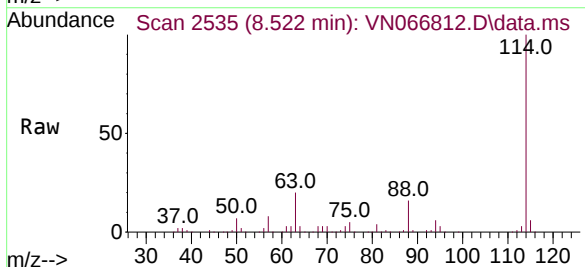
Tgt Ion: 114 Resp: 521385

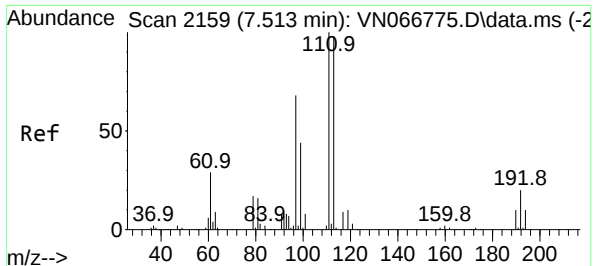
Ion Ratio Lower Upper

114 100

63 19.6 0.0 38.6

88 15.5 0.0 30.6

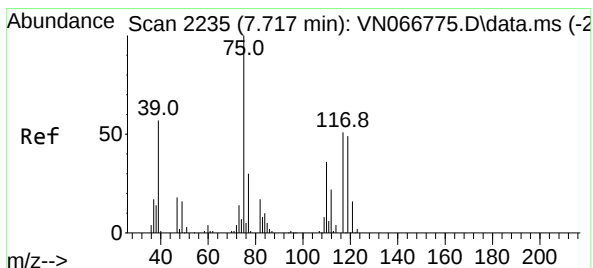
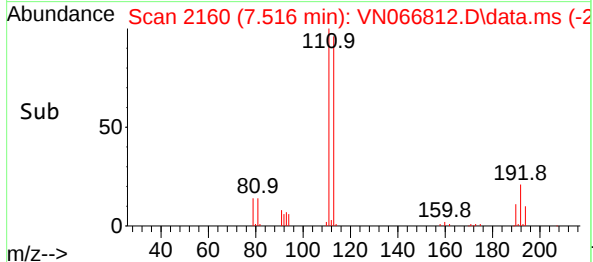
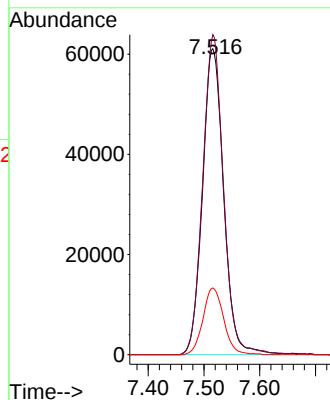
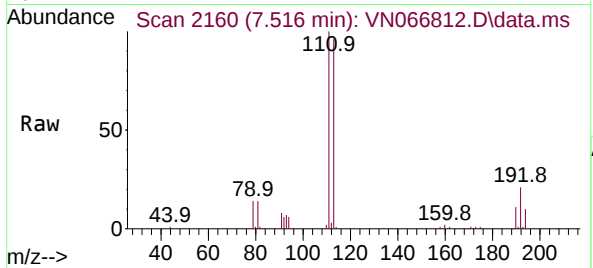




#35
Dibromofluoromethane
Concen: 50.04 ug/l
RT: 7.516 min Scan# 2160
Delta R.T. 0.003 min
Lab File: VN066812.D
Acq: 28 Apr 2021 15:06

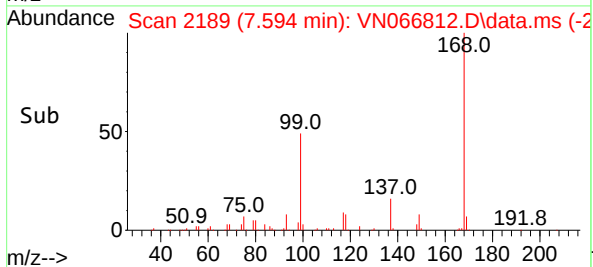
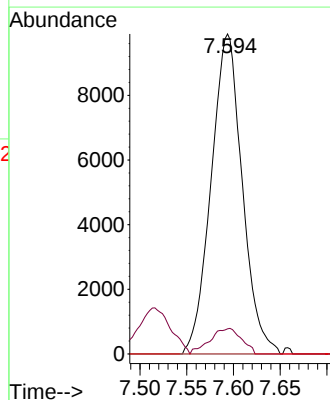
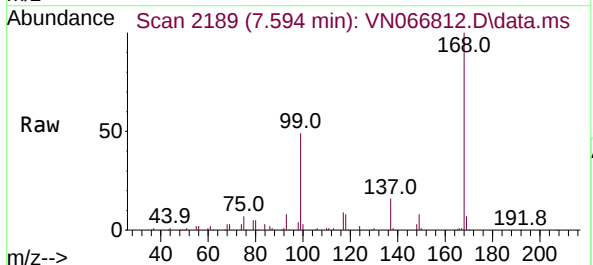
Instrument :
MSVOA_N
ClientSampleId :

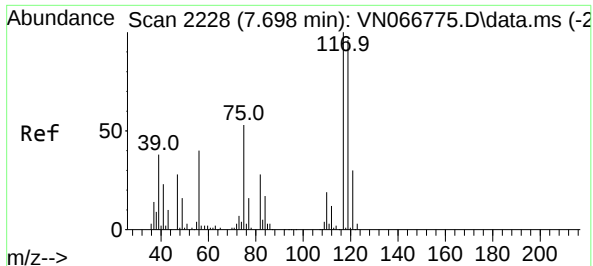
Tgt Ion:113 Resp: 161057
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.2
192 21.3 15.4 23.0



#36
1,1-Dichloropropene
Concen: 4.74 ug/l
RT: 7.594 min Scan# 2189
Delta R.T. -0.123 min
Lab File: VN066812.D
Acq: 28 Apr 2021 15:06

Tgt Ion: 75 Resp: 22960
Ion Ratio Lower Upper
75 100
110 8.1 18.2 54.6#
77 0.0 24.9 37.3#

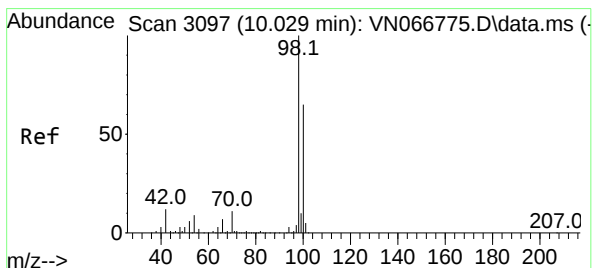
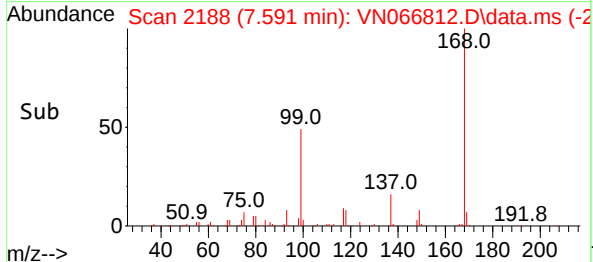
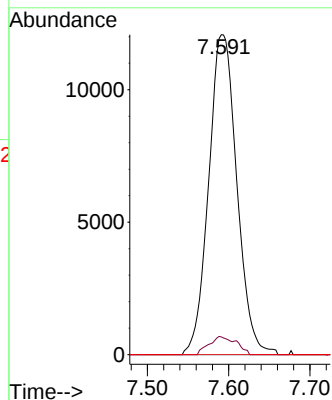
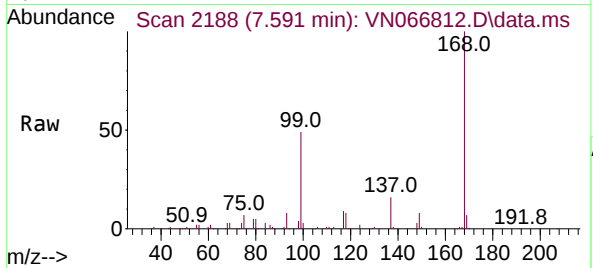




#38
Carbon Tetrachloride
Concen: 6.27 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. -0.107 min
Lab File: VN066812.D
Acq: 28 Apr 2021 15:06

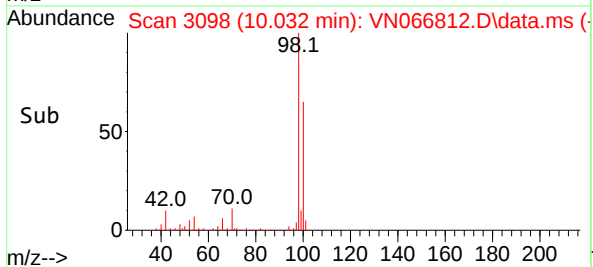
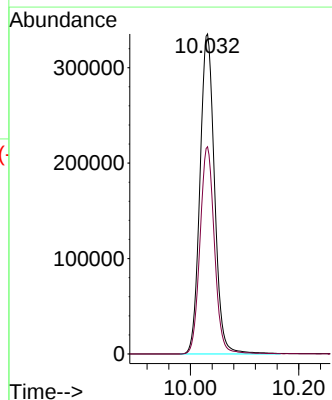
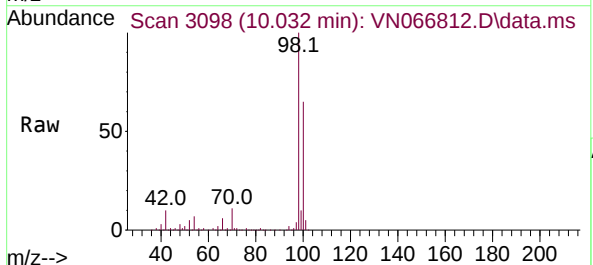
Instrument :
MSVOA_N
ClientSampleId :

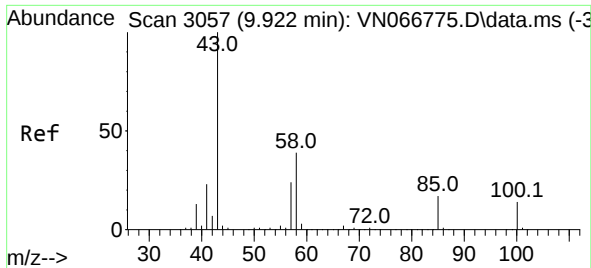
Tgt Ion: 117 Resp: 29140
Ion Ratio Lower Upper
117 100
119 5.5 76.0 114.0#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 49.52 ug/l
RT: 10.032 min Scan# 3098
Delta R.T. 0.003 min
Lab File: VN066812.D
Acq: 28 Apr 2021 15:06

Tgt Ion: 98 Resp: 625559
Ion Ratio Lower Upper
98 100
100 64.1 50.5 75.7

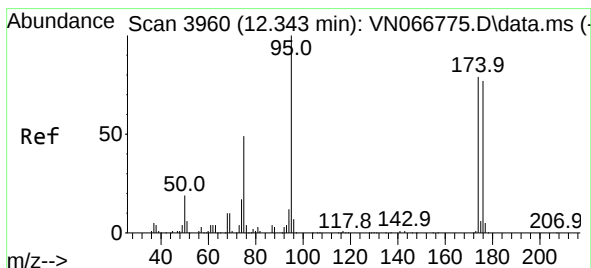
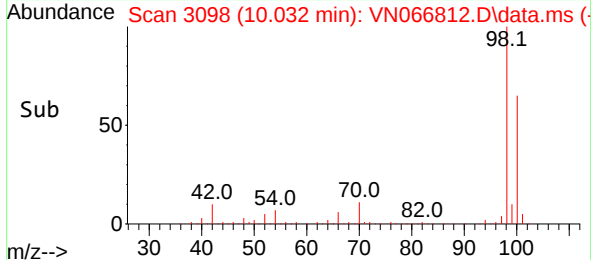
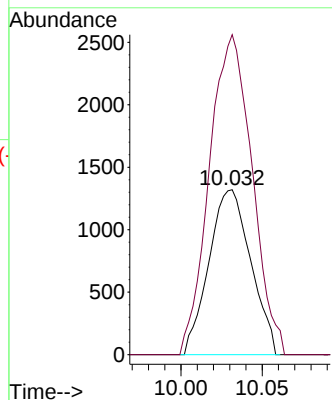
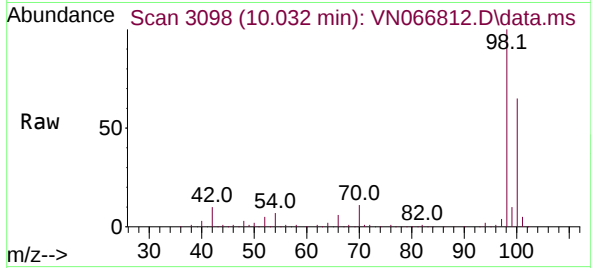




#51
4-Methyl-2-Pentanone
Concen: 0.53 ug/l
RT: 10.032 min Scan# 3098
Delta R.T. 0.110 min
Lab File: VN066812.D
Acq: 28 Apr 2021 15:06

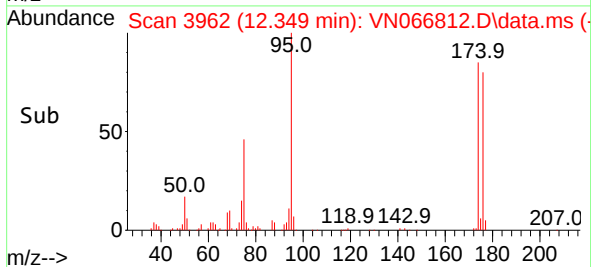
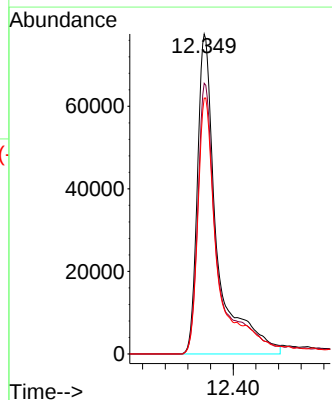
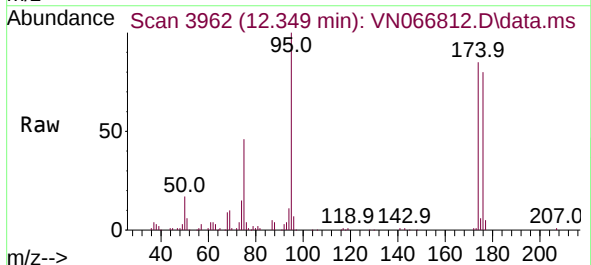
Instrument :
MSVOA_N
ClientSampled :

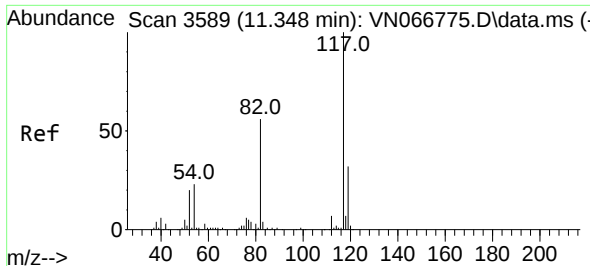
Tgt Ion: 43 Resp: 2367
Ion Ratio Lower Upper
43 100
58 198.1 32.5 48.7#



#62
4-Bromofluorobenzene
Concen: 43.63 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. 0.006 min
Lab File: VN066812.D
Acq: 28 Apr 2021 15:06

Tgt Ion: 95 Resp: 186503
Ion Ratio Lower Upper
95 100
174 85.1 0.0 169.0
176 73.0 0.0 162.4

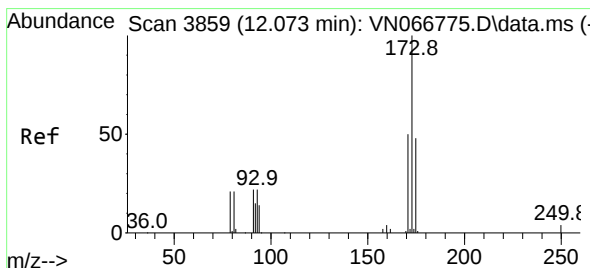
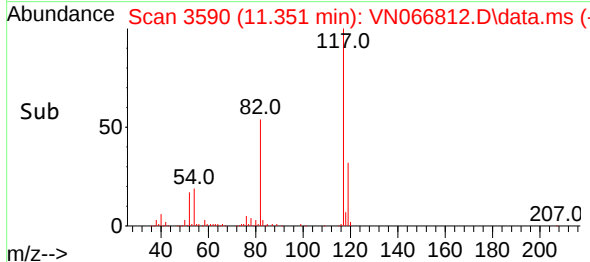
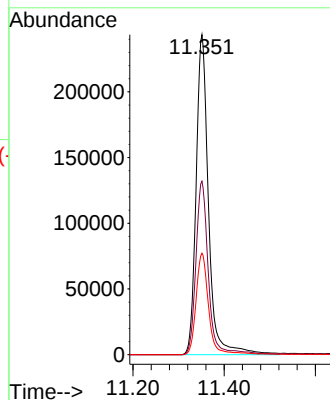
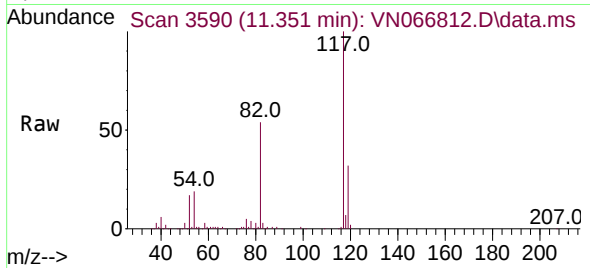




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.351 min Scan# 3590
Delta R.T. 0.003 min
Lab File: VN066812.D
Acq: 28 Apr 2021 15:06

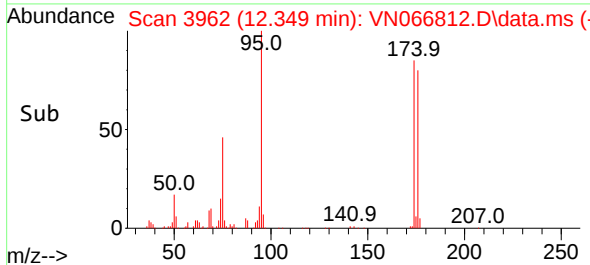
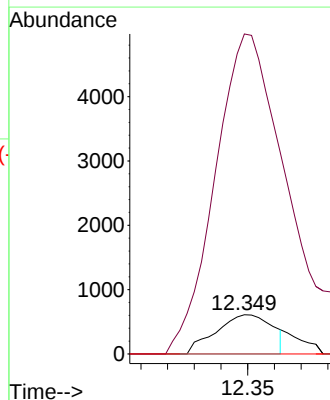
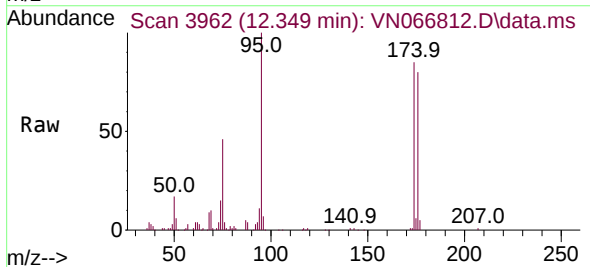
Instrument :
MSVOA_N
ClientSampleId :

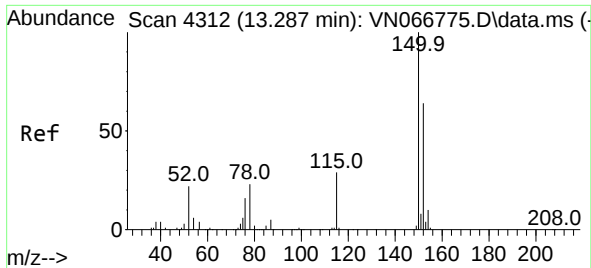
Tgt Ion:117 Resp: 461652
Ion Ratio Lower Upper
117 100
82 54.2 43.7 65.5
119 31.7 26.1 39.1



#71
Bromoform
Concen: 0.36 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. 0.276 min
Lab File: VN066812.D
Acq: 28 Apr 2021 15:06

Tgt Ion:173 Resp: 901
Ion Ratio Lower Upper
173 100
175 827.1 23.8 71.2#
254 0.0 0.0 0.0

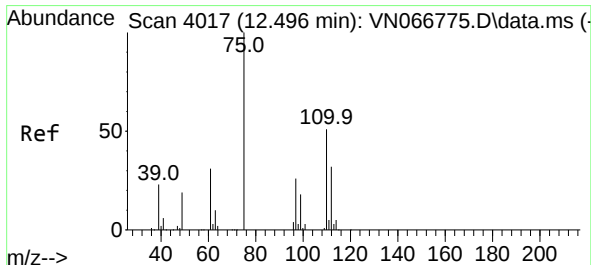
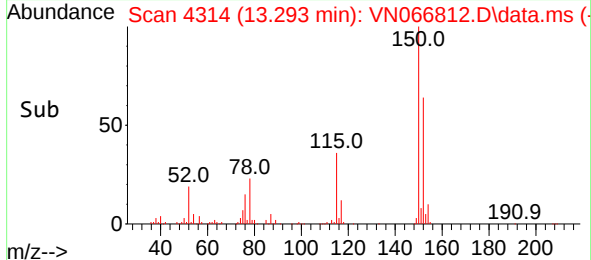
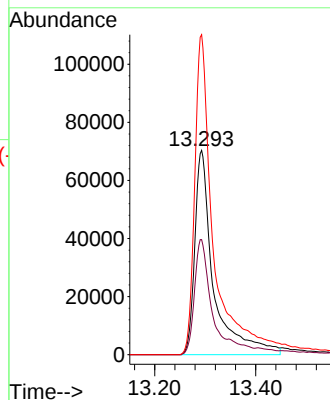
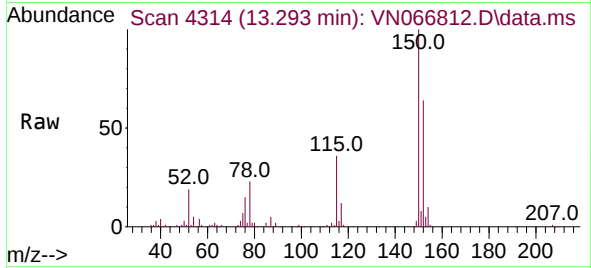




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.293 min Scan# 4314
 Delta R.T. 0.005 min
 Lab File: VN066812.D
 Acq: 28 Apr 2021 15:06

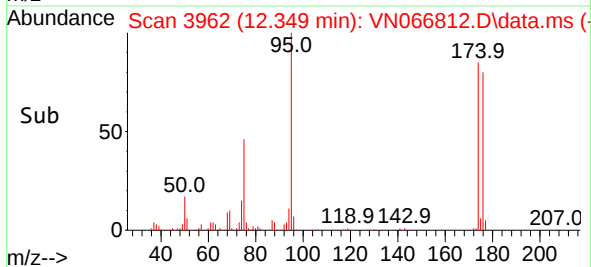
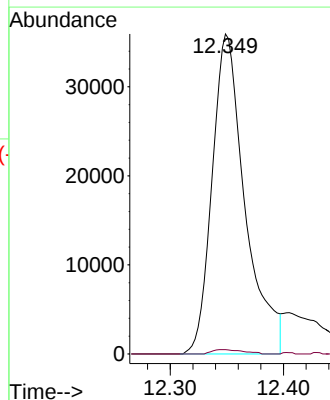
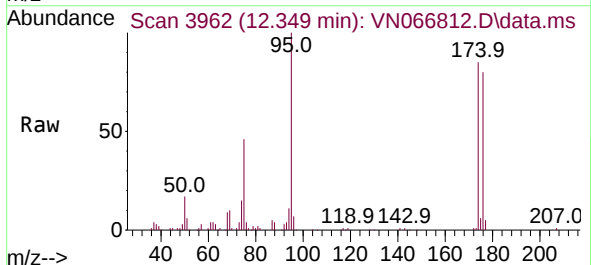
Instrument :
 MSVOA_N
 ClientSampled :

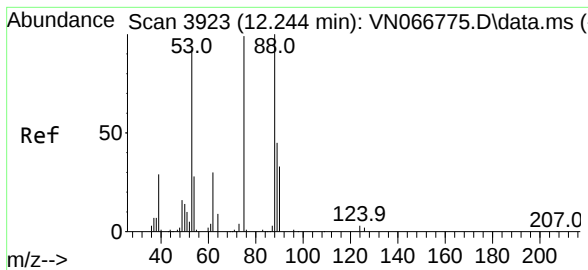
Tgt Ion:152 Resp: 182600
 Ion Ratio Lower Upper
 152 100
 115 53.8 28.5 85.6
 150 163.1 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 18.86 ug/l
 RT: 12.349 min Scan# 3962
 Delta R.T. -0.147 min
 Lab File: VN066812.D
 Acq: 28 Apr 2021 15:06

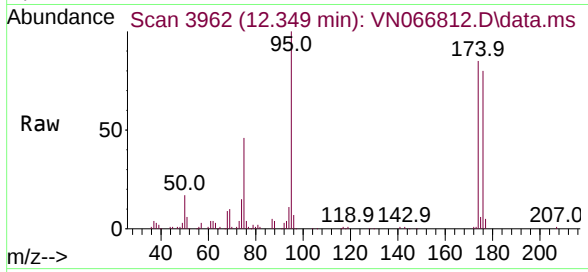
Tgt Ion: 75 Resp: 72567
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 52.31 ug/l
 RT: 12.349 min Scan# 3962
 Delta R.T. 0.105 min
 Lab File: VN066812.D
 Acq: 28 Apr 2021 15:06

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 72567
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.6 111.8#
 89 0.0 35.8 53.8#

