

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042821\
 Data File : VN066814.D
 Acq On : 28 Apr 2021 15:54
 Operator : JC/MD
 Sample : M2138-20
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 29 04:30:09 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)

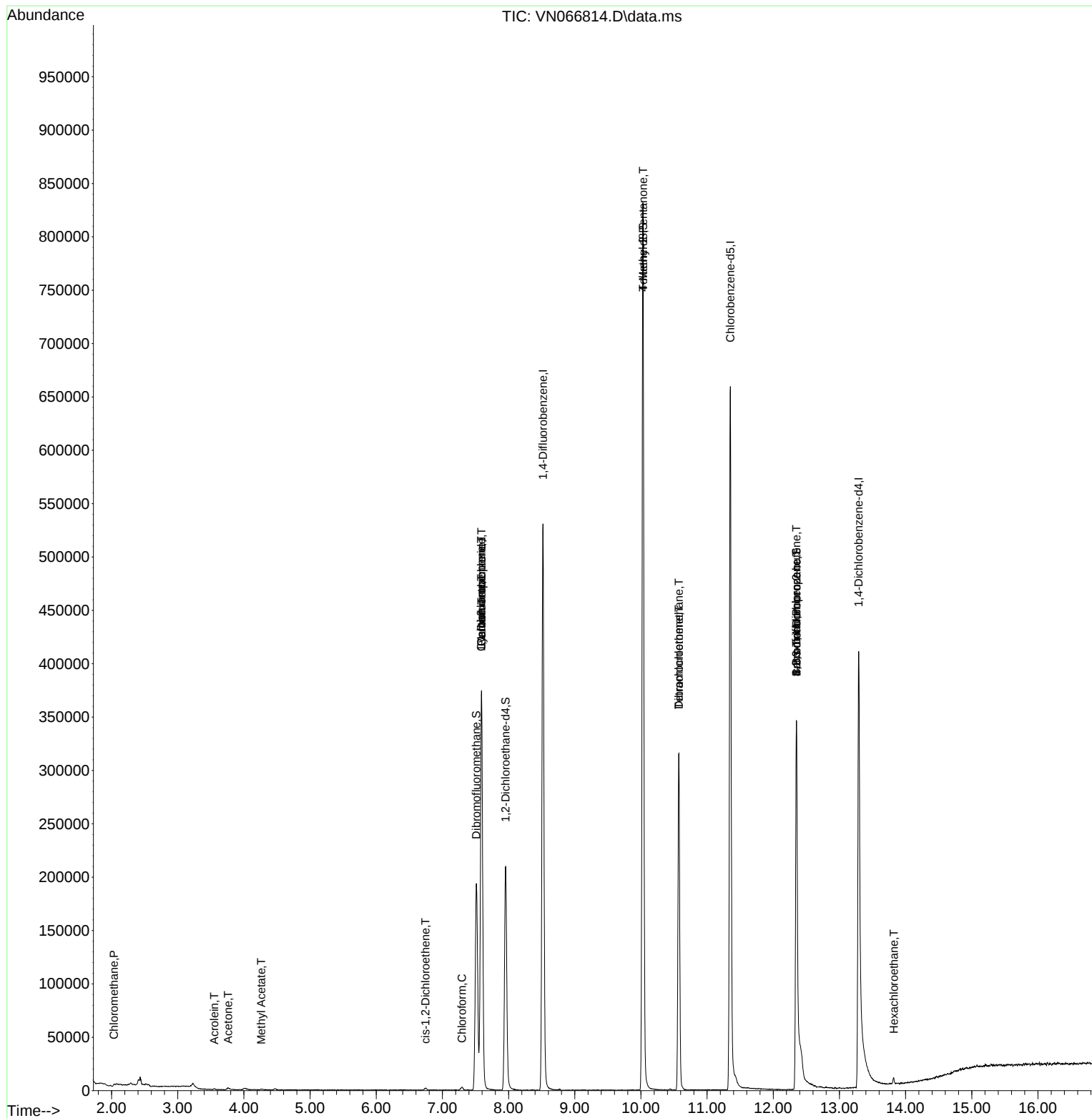
Internal Standards						
1) Pentafluorobenzene	7.591	168	332119	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.519	114	504664	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.351	117	445626	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.290	152	188287	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.956	65	181174	42.46	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	84.92%
35) Dibromofluoromethane	7.513	113	156578	50.26	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.52%
50) Toluene-d8	10.032	98	601287	49.17	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.34%
62) 4-Bromofluorobenzene	12.349	95	177501	42.90	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	85.80%
Target Compounds						
					Qvalue	
3) Chloromethane	2.037	50	1195	0.25	ug/l #	83
13) Acrolein	3.552	56	427	0.78	ug/l #	45
16) Acetone	3.761	43	2890	1.80	ug/l	91
18) Methyl Acetate	4.263	43	1629	1.48	ug/l #	51
27) cis-1,2-Dichloroethene	6.744	96	1444	0.35	ug/l	71
30) Chloroform	7.296	83	3538	0.53	ug/l	97
31) Cyclohexane	7.588	56	5644	0.86	ug/l #	1
36) 1,1-Dichloropropene	7.588	75	22152	4.72	ug/l #	48
38) Carbon Tetrachloride	7.591	117	28058	6.24	ug/l #	17
51) 4-Methyl-2-Pentanone	10.032	43	2328	0.54	ug/l #	1
60) Dibromochloromethane	10.573	129	70699	19.30	ug/l #	11
64) Tetrachloroethene	10.573	164	80565	27.34	ug/l	99
71) Bromoform	12.349	173	844	0.35	ug/l #	1
76) 1,2,3-Trichloropropane	12.349	75	70488	17.76	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.349	75	70488	49.69	ug/l #	12
90) Hexachloroethane	13.821	117	1419	0.61	ug/l	91

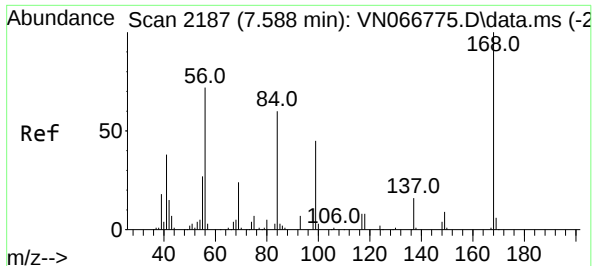
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042821\
Data File : VN066814.D
Acq On : 28 Apr 2021 15:54
Operator : JC/MD
Sample : M2138-20
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Apr 29 04:30:09 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

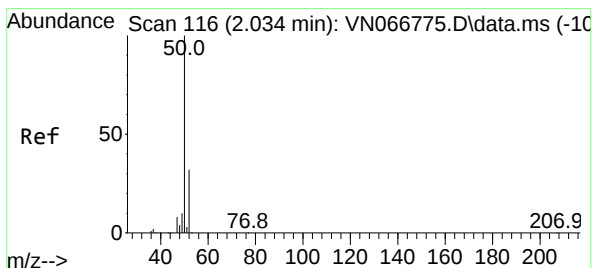
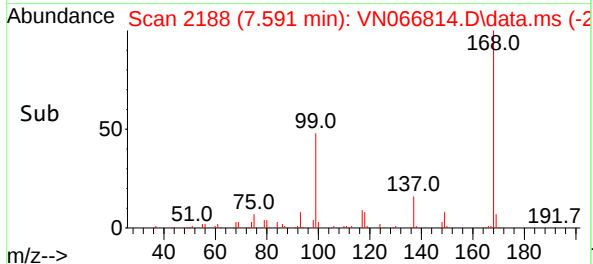
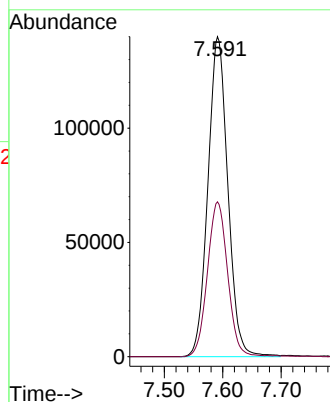
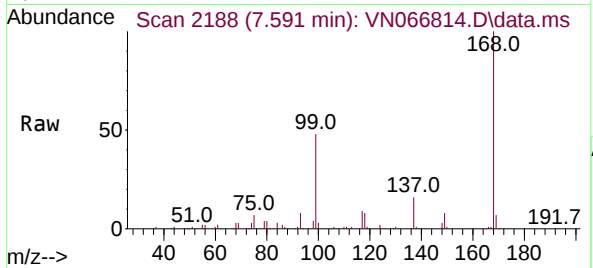




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. 0.003 min
Lab File: VN066814.D
Acq: 28 Apr 2021 15:54

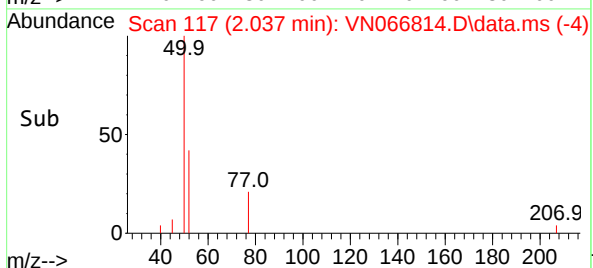
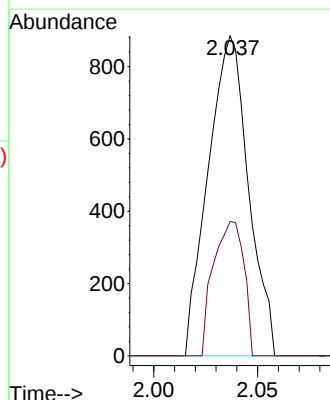
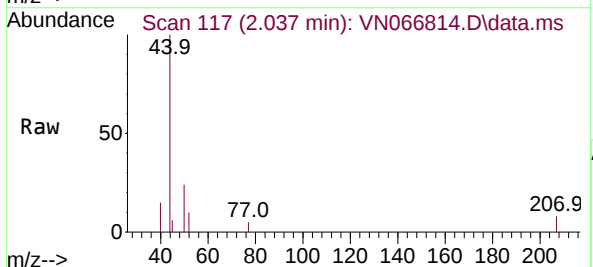
Instrument :
MSVOA_N
ClientSampled :

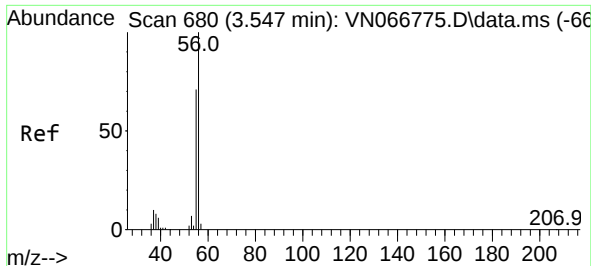
Tgt Ion:168 Resp: 332119
Ion Ratio Lower Upper
168 100
99 48.4 42.6 63.8



#3
Chloromethane
Concen: 0.25 ug/l
RT: 2.037 min Scan# 117
Delta R.T. 0.003 min
Lab File: VN066814.D
Acq: 28 Apr 2021 15:54

Tgt Ion: 50 Resp: 1195
Ion Ratio Lower Upper
50 100
52 42.0 25.8 38.8#

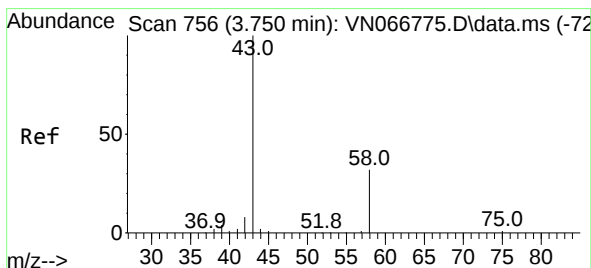
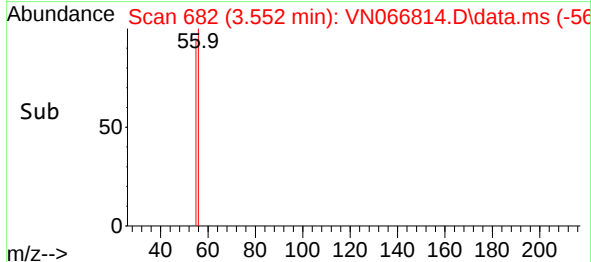
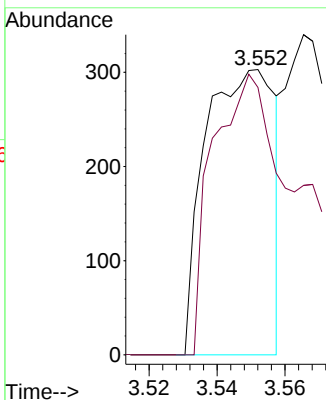
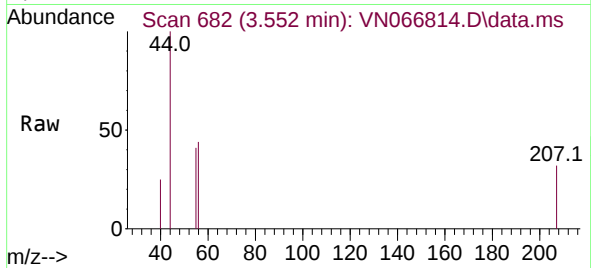




#13
Acrolein
Concen: 0.78 ug/l
RT: 3.552 min Scan# 682
Delta R.T. 0.005 min
Lab File: VN066814.D
Acq: 28 Apr 2021 15:54

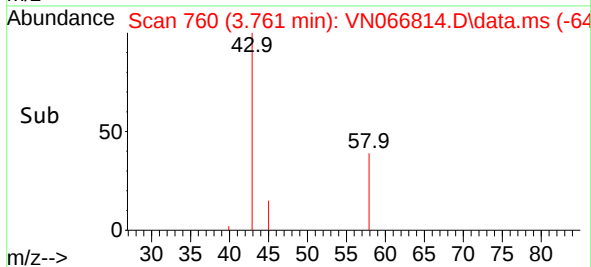
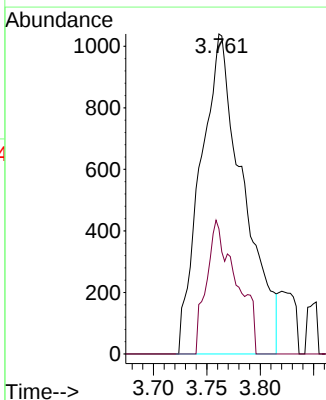
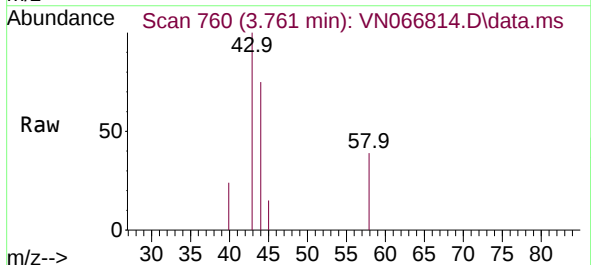
Instrument :
MSVOA_N
ClientSampled :

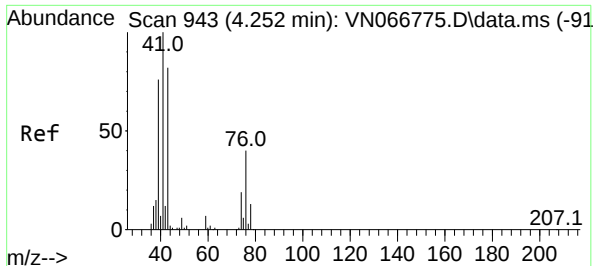
Tgt Ion: 56 Resp: 427
Ion Ratio Lower Upper
56 100
55 115.0 56.0 84.0#



#16
Acetone
Concen: 1.80 ug/l
RT: 3.761 min Scan# 760
Delta R.T. 0.011 min
Lab File: VN066814.D
Acq: 28 Apr 2021 15:54

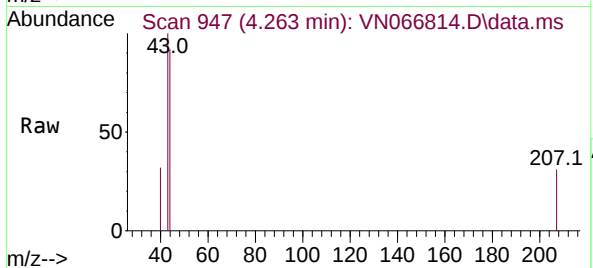
Tgt Ion: 43 Resp: 2890
Ion Ratio Lower Upper
43 100
58 39.1 27.0 40.6



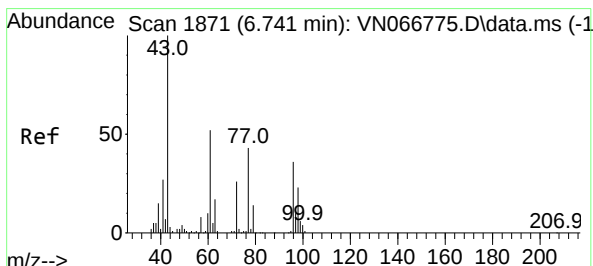
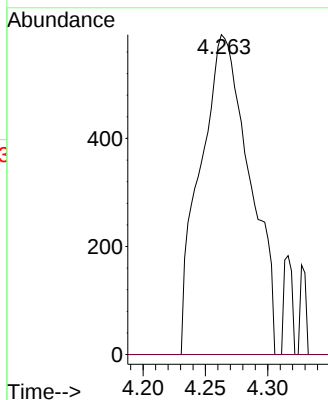
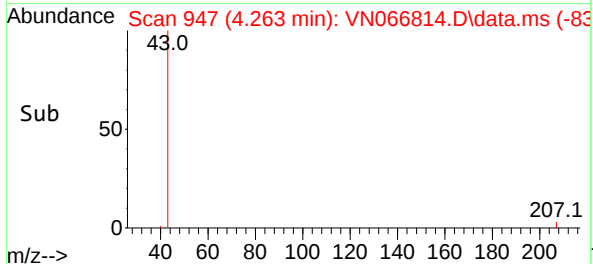


#18
Methyl Acetate
Concen: 1.48 ug/l
RT: 4.263 min Scan# 947
Delta R.T. 0.011 min
Lab File: VN066814.D
Acq: 28 Apr 2021 15:54

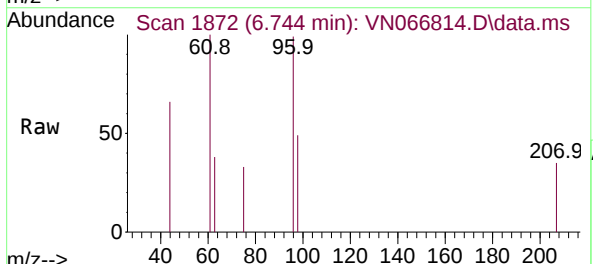
Instrument :
MSVOA_N
ClientSampled :



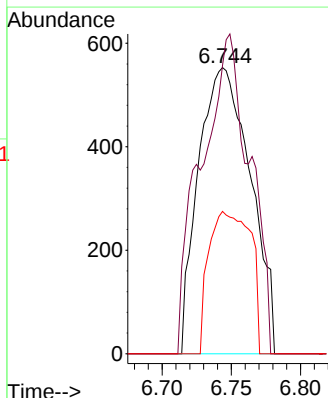
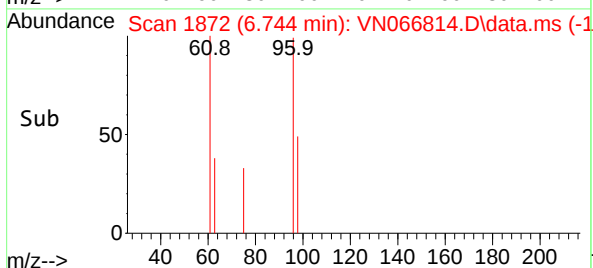
Tgt Ion: 43 Resp: 1629
Ion Ratio Lower Upper
43 100
74 0.0 19.5 29.3#

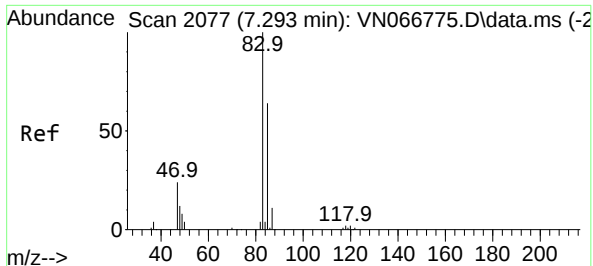


#27
cis-1,2-Dichloroethene
Concen: 0.35 ug/l
RT: 6.744 min Scan# 1872
Delta R.T. 0.003 min
Lab File: VN066814.D
Acq: 28 Apr 2021 15:54



Tgt Ion: 96 Resp: 1444
Ion Ratio Lower Upper
96 100
61 104.3 0.0 276.8
98 39.8 0.0 129.4





#30

Chloroform

Concen: 0.53 ug/l

RT: 7.296 min Scan# 2078

Delta R.T. 0.003 min

Lab File: VN066814.D

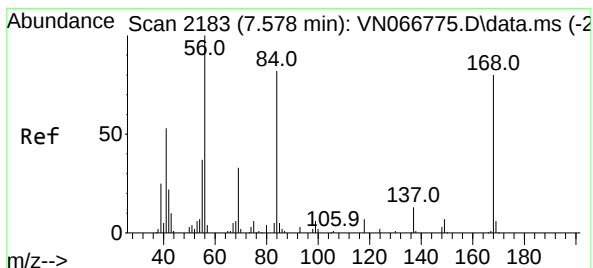
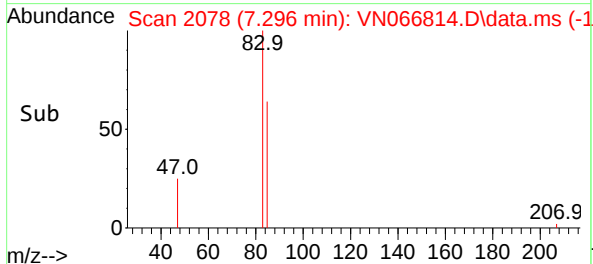
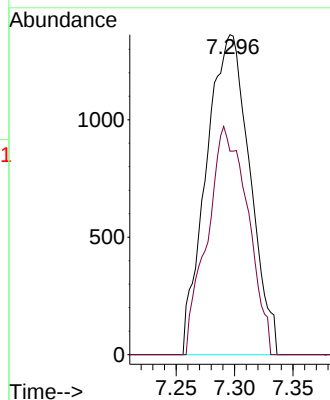
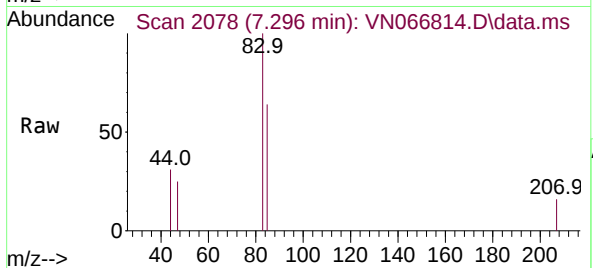
Acq: 28 Apr 2021 15:54

Tgt Ion: 83 Resp: 3538

Ion Ratio Lower Upper

83 100

85 63.6 52.6 78.8



#31

Cyclohexane

Concen: 0.86 ug/l

RT: 7.588 min Scan# 2187

Delta R.T. 0.010 min

Lab File: VN066814.D

Acq: 28 Apr 2021 15:54

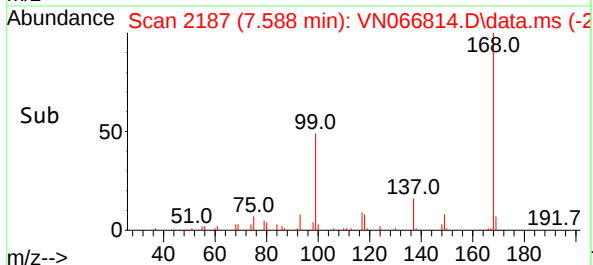
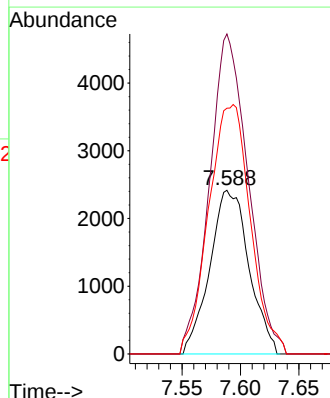
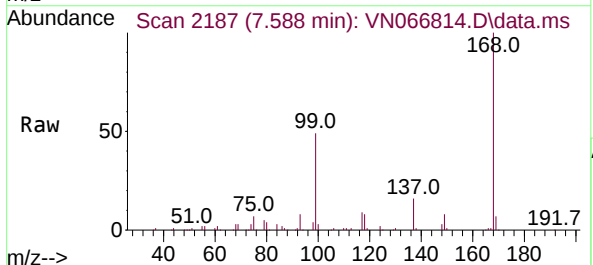
Tgt Ion: 56 Resp: 5644

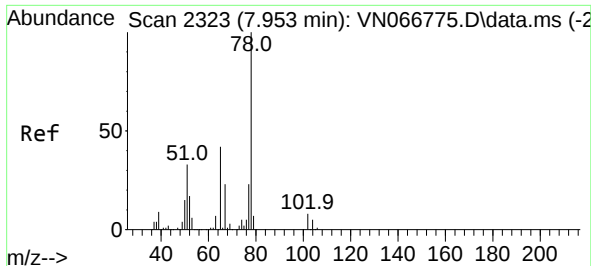
Ion Ratio Lower Upper

56 100

69 195.6 26.6 39.8#

84 150.2 70.4 105.6#





#33

1,2-Dichloroethane-d4

Concen: 42.46 ug/l

RT: 7.956 min Scan# 2324

Delta R.T. 0.003 min

Lab File: VN066814.D

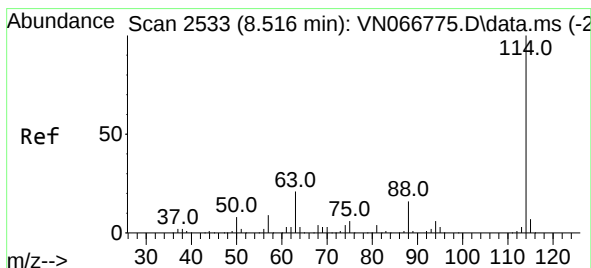
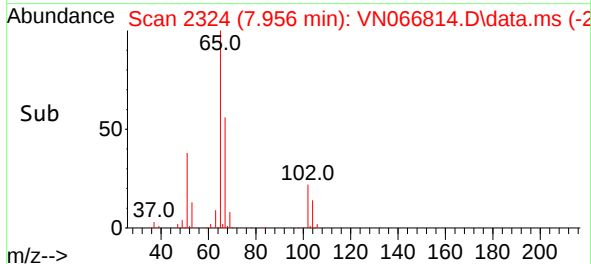
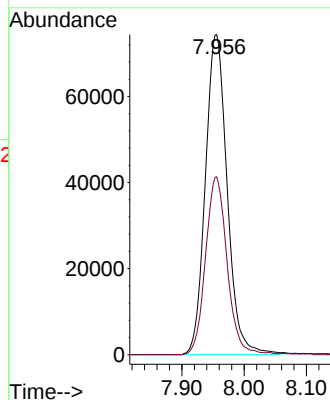
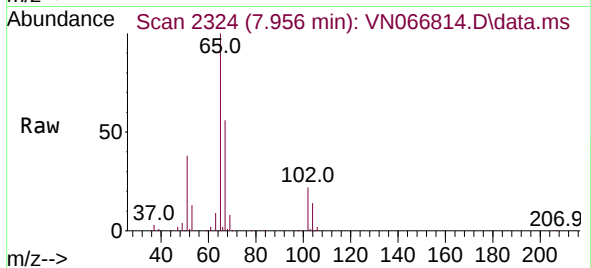
Acq: 28 Apr 2021 15:54

Tgt Ion: 65 Resp: 181174

Ion Ratio Lower Upper

65 100

67 54.7 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: VN066814.D

Acq: 28 Apr 2021 15:54

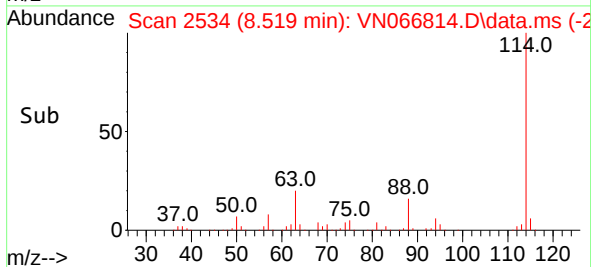
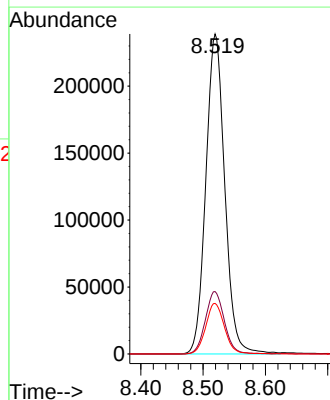
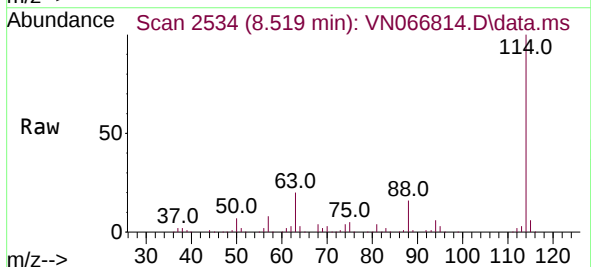
Tgt Ion: 114 Resp: 504664

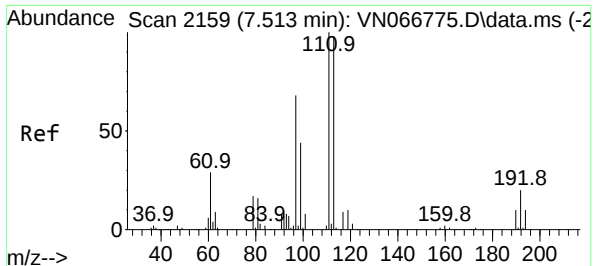
Ion Ratio Lower Upper

114 100

63 19.5 0.0 38.6

88 15.8 0.0 30.6

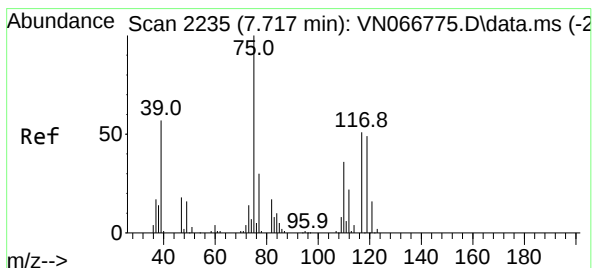
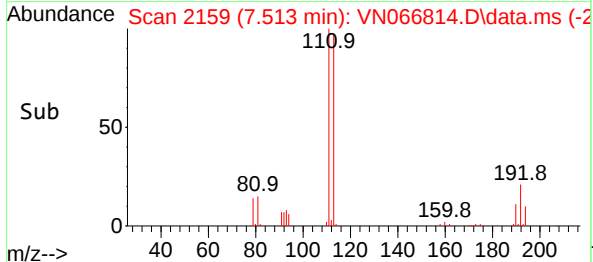
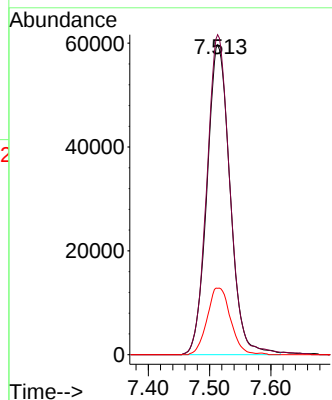
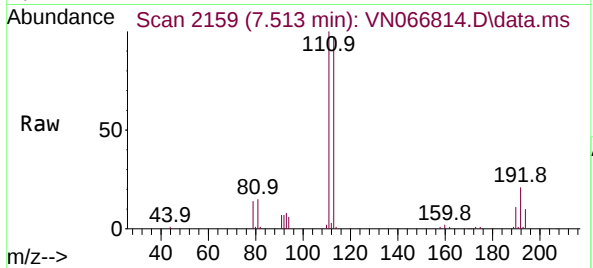




#35
Dibromofluoromethane
Concen: 50.26 ug/l
RT: 7.513 min Scan# 2159
Delta R.T. 0.000 min
Lab File: VN066814.D
Acq: 28 Apr 2021 15:54

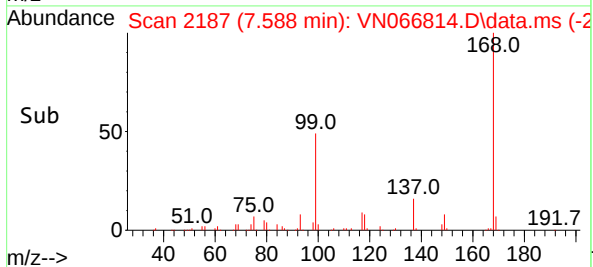
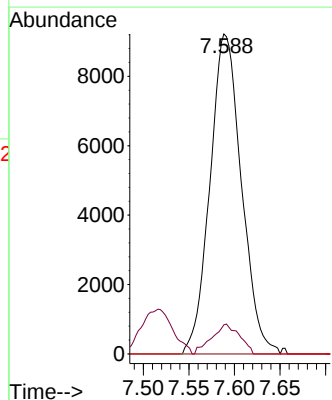
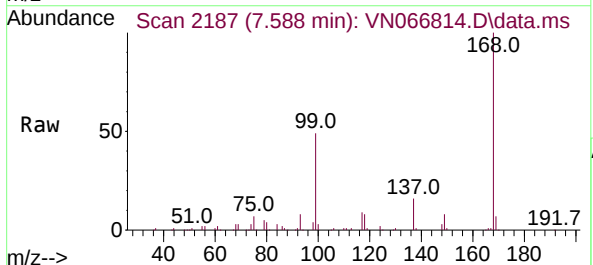
Instrument :
MSVOA_N
ClientSampleId :

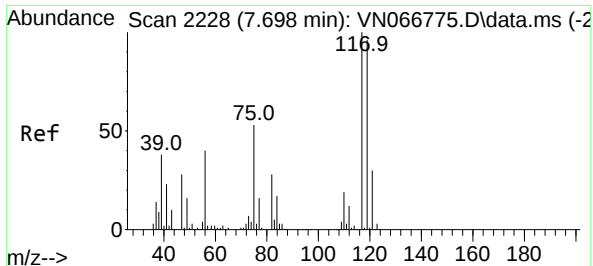
Tgt Ion:113 Resp: 156578
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.2
192 21.7 15.4 23.0



#36
1,1-Dichloropropene
Concen: 4.72 ug/l
RT: 7.588 min Scan# 2187
Delta R.T. -0.129 min
Lab File: VN066814.D
Acq: 28 Apr 2021 15:54

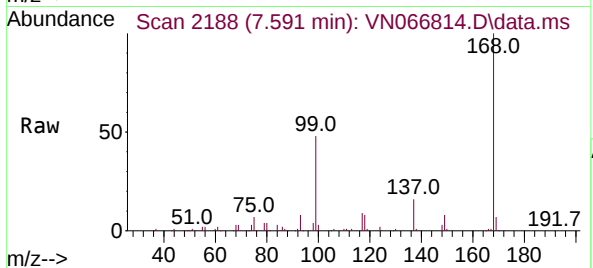
Tgt Ion: 75 Resp: 22152
Ion Ratio Lower Upper
75 100
110 8.2 18.2 54.6#
77 0.0 24.9 37.3#



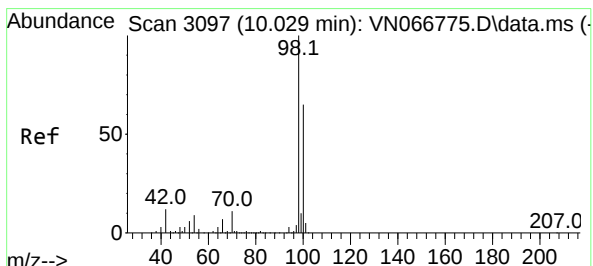
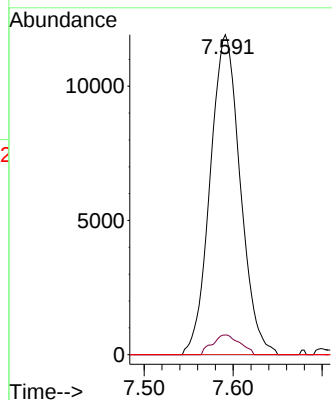
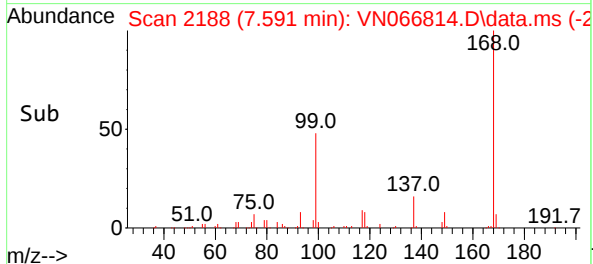


#38
Carbon Tetrachloride
Concen: 6.24 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. -0.107 min
Lab File: VN066814.D
Acq: 28 Apr 2021 15:54

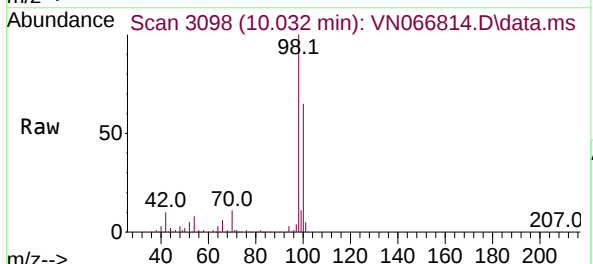
Instrument :
MSVOA_N
ClientSampleId :



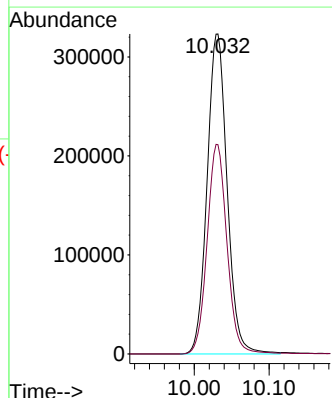
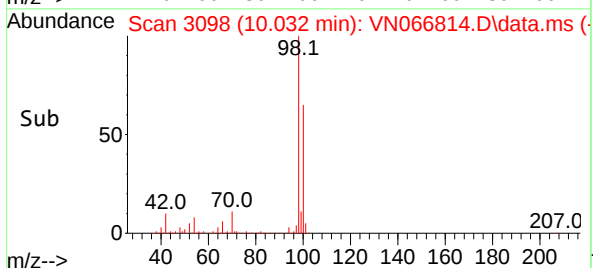
Tgt Ion:117 Resp: 28058
Ion Ratio Lower Upper
117 100
119 6.2 76.0 114.0#
121 0.0 24.5 36.7#

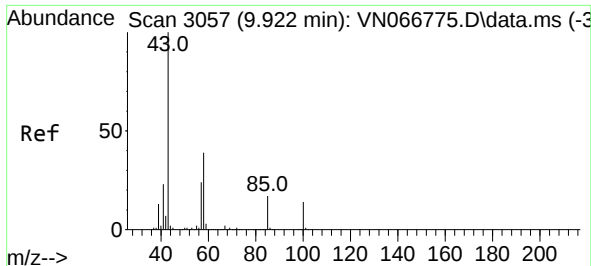


#50
Toluene-d8
Concen: 49.17 ug/l
RT: 10.032 min Scan# 3098
Delta R.T. 0.003 min
Lab File: VN066814.D
Acq: 28 Apr 2021 15:54



Tgt Ion: 98 Resp: 601287
Ion Ratio Lower Upper
98 100
100 65.0 50.5 75.7

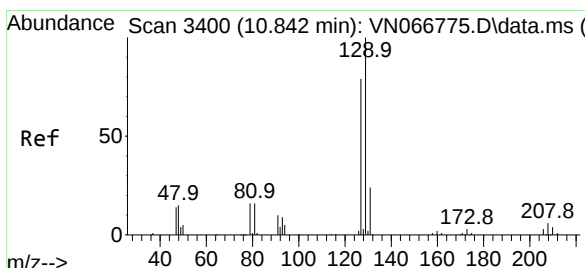
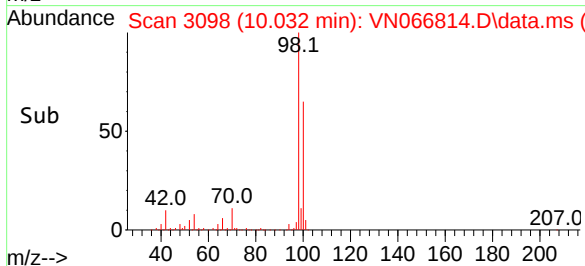
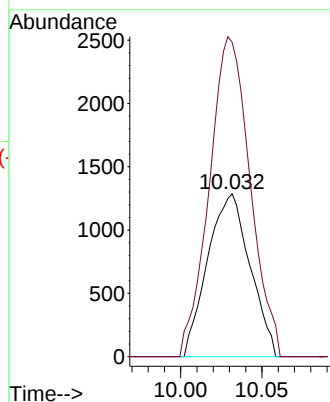
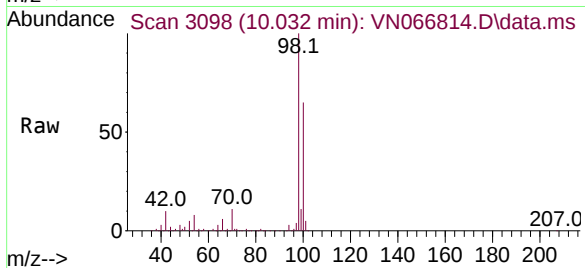




#51
4-Methyl-2-Pentanone
Concen: 0.54 ug/l
RT: 10.032 min Scan# 3098
Delta R.T. 0.110 min
Lab File: VN066814.D
Acq: 28 Apr 2021 15:54

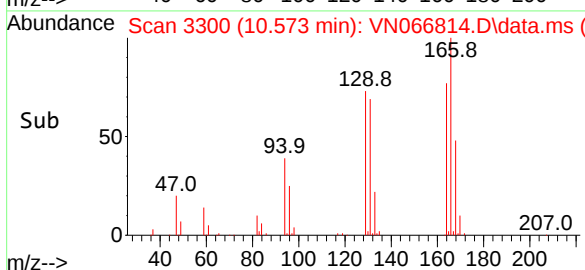
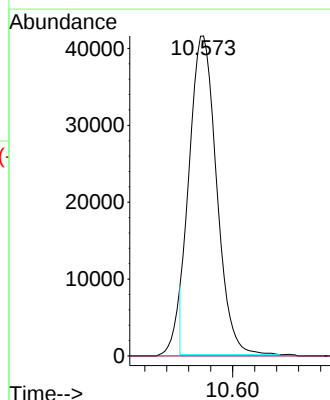
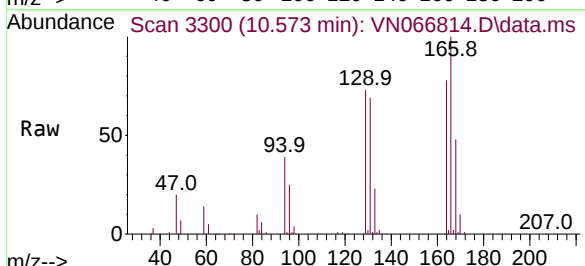
Instrument :
MSVOA_N
ClientSampled :

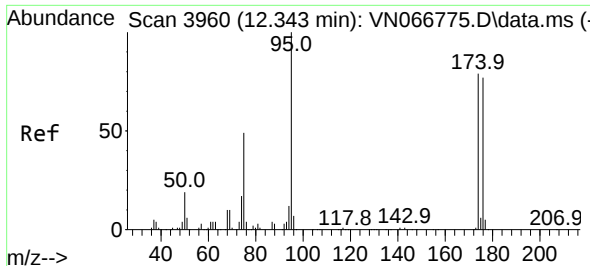
Tgt Ion: 43 Resp: 2328
Ion Ratio Lower Upper
43 100
58 189.4 32.5 48.7#



#60
Dibromochloromethane
Concen: 19.30 ug/l
RT: 10.573 min Scan# 3300
Delta R.T. -0.269 min
Lab File: VN066814.D
Acq: 28 Apr 2021 15:54

Tgt Ion: 129 Resp: 70699
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#

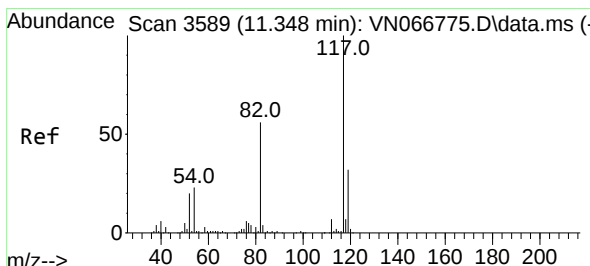
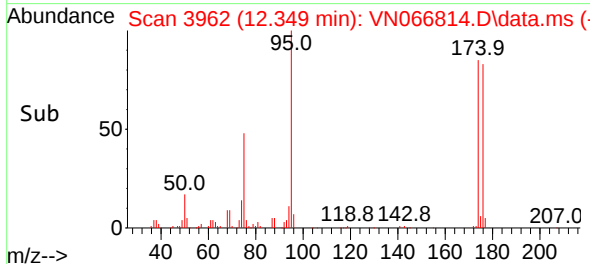
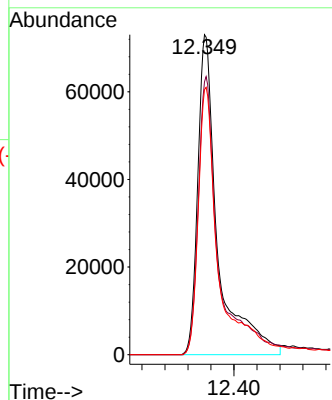
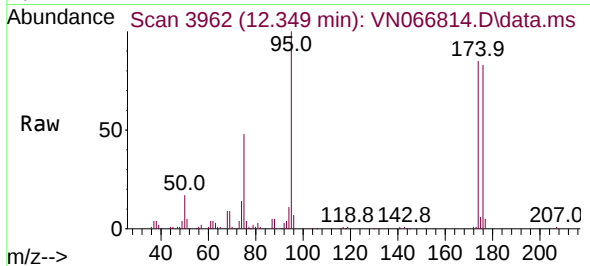




#62
4-Bromofluorobenzene
Concen: 42.90 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. 0.006 min
Lab File: VN066814.D
Acq: 28 Apr 2021 15:54

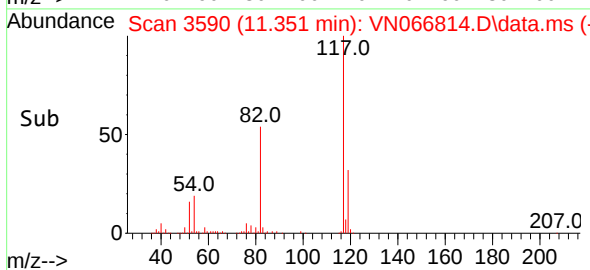
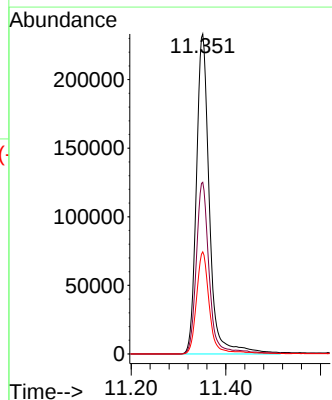
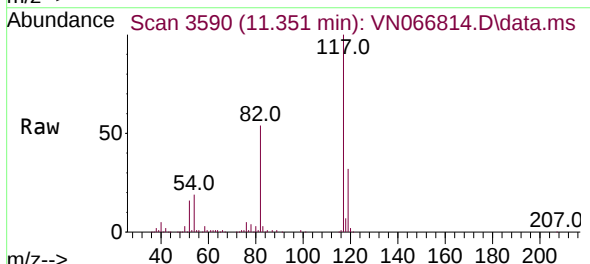
Instrument :
MSVOA_N
ClientSampleId :

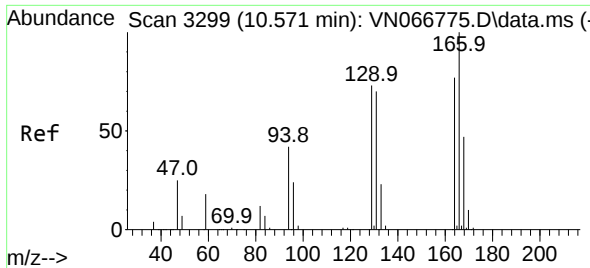
Tgt Ion: 95 Resp: 177501
Ion Ratio Lower Upper
95 100
174 88.3 0.0 169.0
176 84.3 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.351 min Scan# 3590
Delta R.T. 0.003 min
Lab File: VN066814.D
Acq: 28 Apr 2021 15:54

Tgt Ion: 117 Resp: 445626
Ion Ratio Lower Upper
117 100
82 53.6 43.7 65.5
119 31.9 26.1 39.1

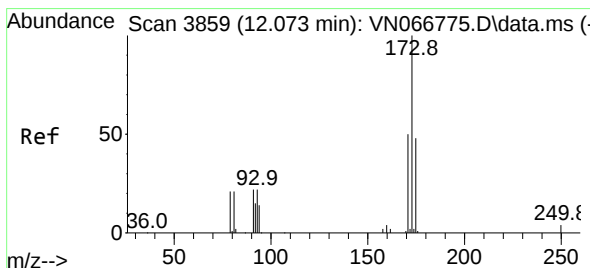
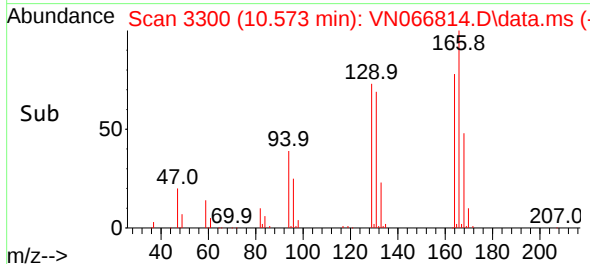
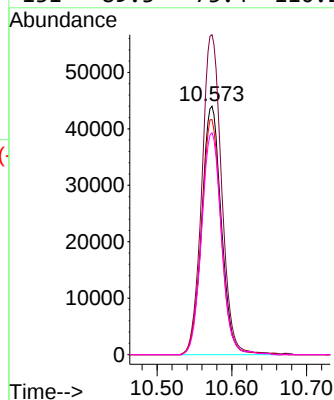
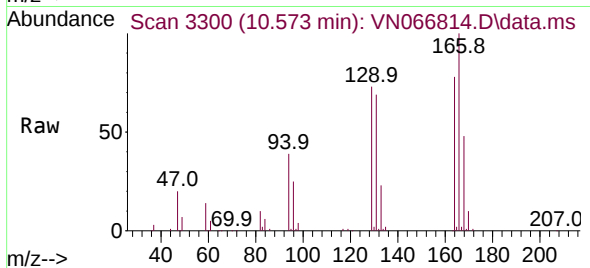




#64
Tetrachloroethene
Concen: 27.34 ug/l
RT: 10.573 min Scan# 3300
Delta R.T. 0.002 min
Lab File: VN066814.D
Acq: 28 Apr 2021 15:54

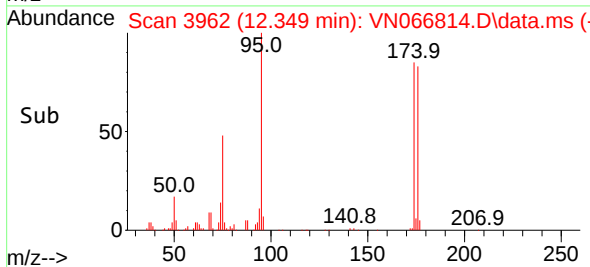
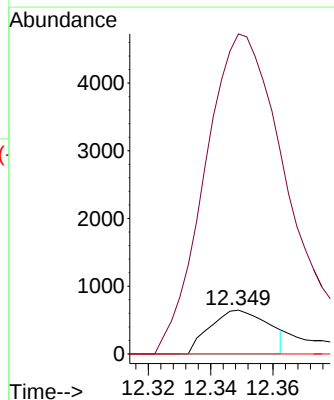
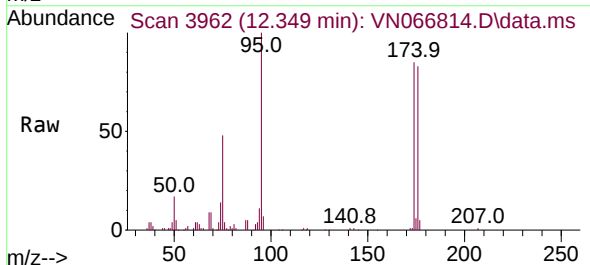
Instrument :
MSVOA_N
ClientSampled :

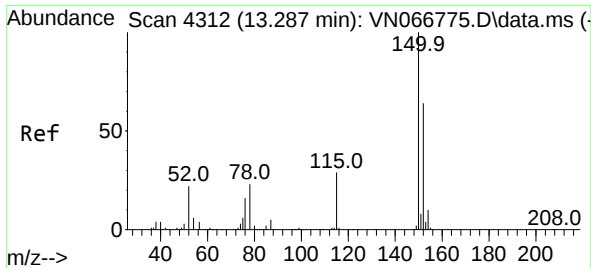
Tgt Ion:164	Resp:	80565
Ion Ratio	Lower	Upper
164	100	
166	128.8	102.6 154.0
129	94.6	76.2 114.4
131	89.3	73.4 110.2



#71
Bromoform
Concen: 0.35 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. 0.276 min
Lab File: VN066814.D
Acq: 28 Apr 2021 15:54

Tgt Ion:173	Resp:	844
Ion Ratio	Lower	Upper
173	100	
175	840.4	23.8 71.2#
254	0.0	0.0 0.0

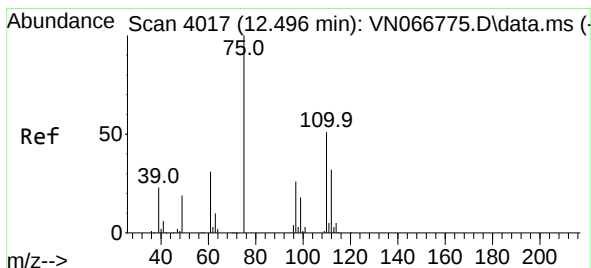
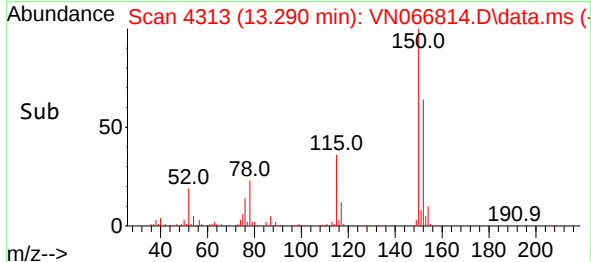
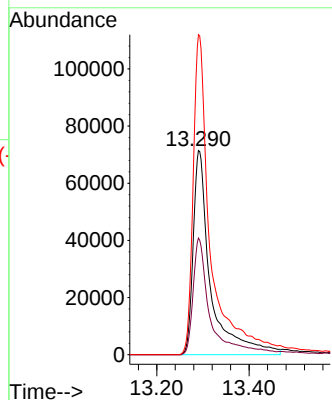
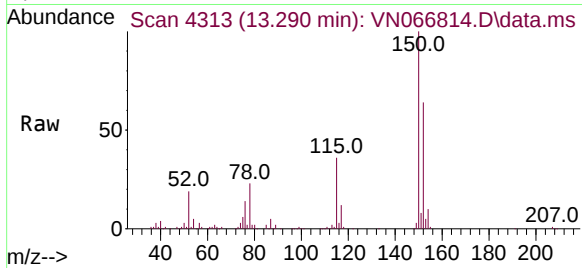




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.290 min Scan# 4313
Delta R.T. 0.003 min
Lab File: VN066814.D
Acq: 28 Apr 2021 15:54

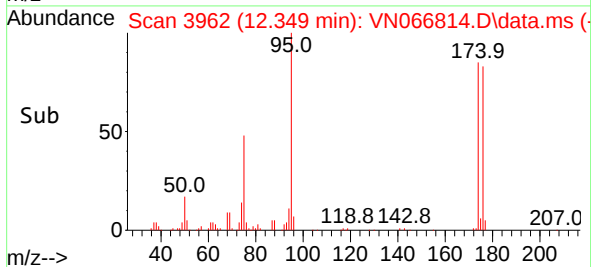
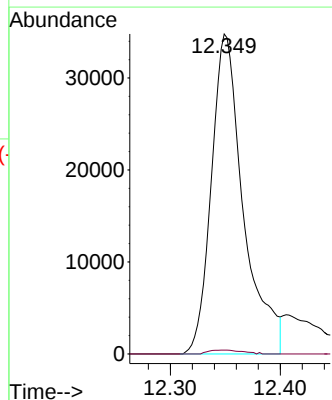
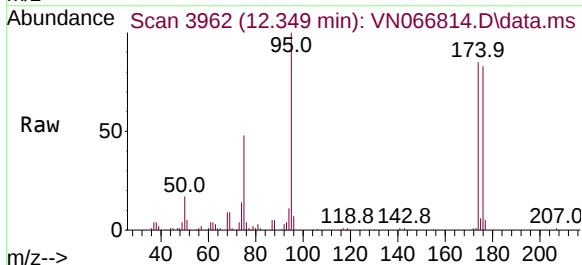
Instrument :
MSVOA_N
ClientSampled :

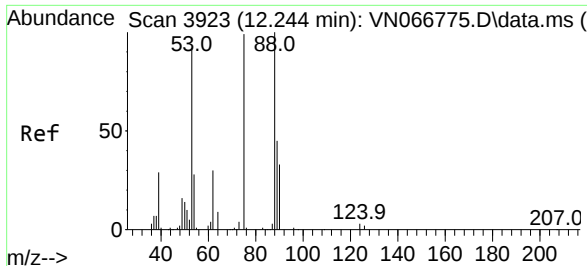
Tgt Ion:152 Resp: 188287
Ion Ratio Lower Upper
152 100
115 55.9 28.5 85.6
150 156.0 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 17.76 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. -0.147 min
Lab File: VN066814.D
Acq: 28 Apr 2021 15:54

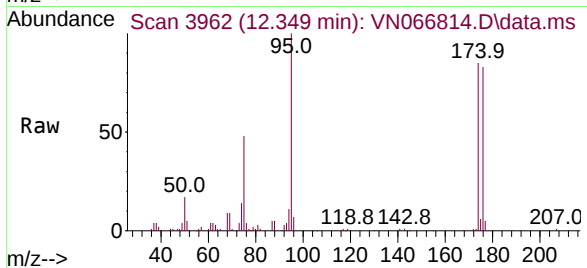
Tgt Ion: 75 Resp: 70488
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



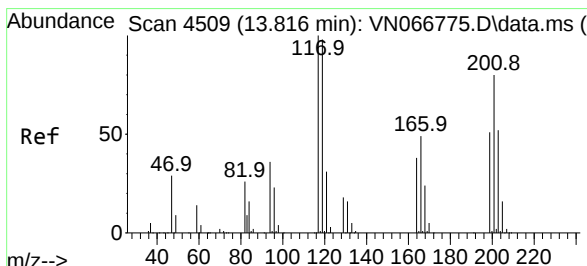
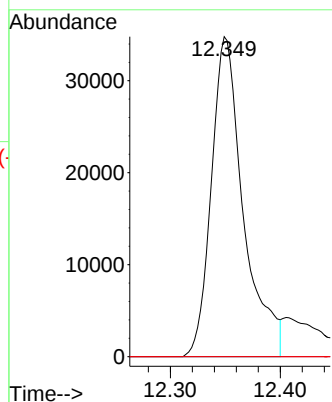
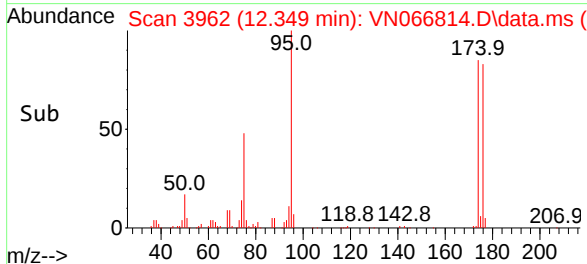


#81
trans-1,4-Dichloro-2-butene
Concen: 49.69 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. 0.105 min
Lab File: VN066814.D
Acq: 28 Apr 2021 15:54

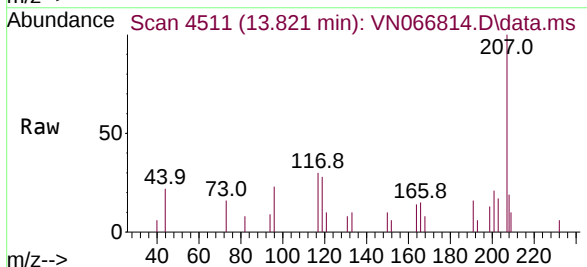
Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 70488
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#



#90
Hexachloroethane
Concen: 0.61 ug/l
RT: 13.821 min Scan# 4511
Delta R.T. 0.005 min
Lab File: VN066814.D
Acq: 28 Apr 2021 15:54



Tgt Ion: 117 Resp: 1419
Ion Ratio Lower Upper
117 100
201 67.7 37.8 113.3

