

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042821\
 Data File : VN066824.D
 Acq On : 28 Apr 2021 19:52
 Operator : JC/MD
 Sample : M2138-13
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 29 04:32:01 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	303405	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.519	114	464804	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.351	117	408830	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.293	152	169794	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.956	65	167158	42.88	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	85.76%
35) Dibromofluoromethane	7.513	113	146453	51.04	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.08%
50) Toluene-d8	10.032	98	556530	49.42	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.84%
62) 4-Bromofluorobenzene	12.351	95	148265	38.91	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	77.82%

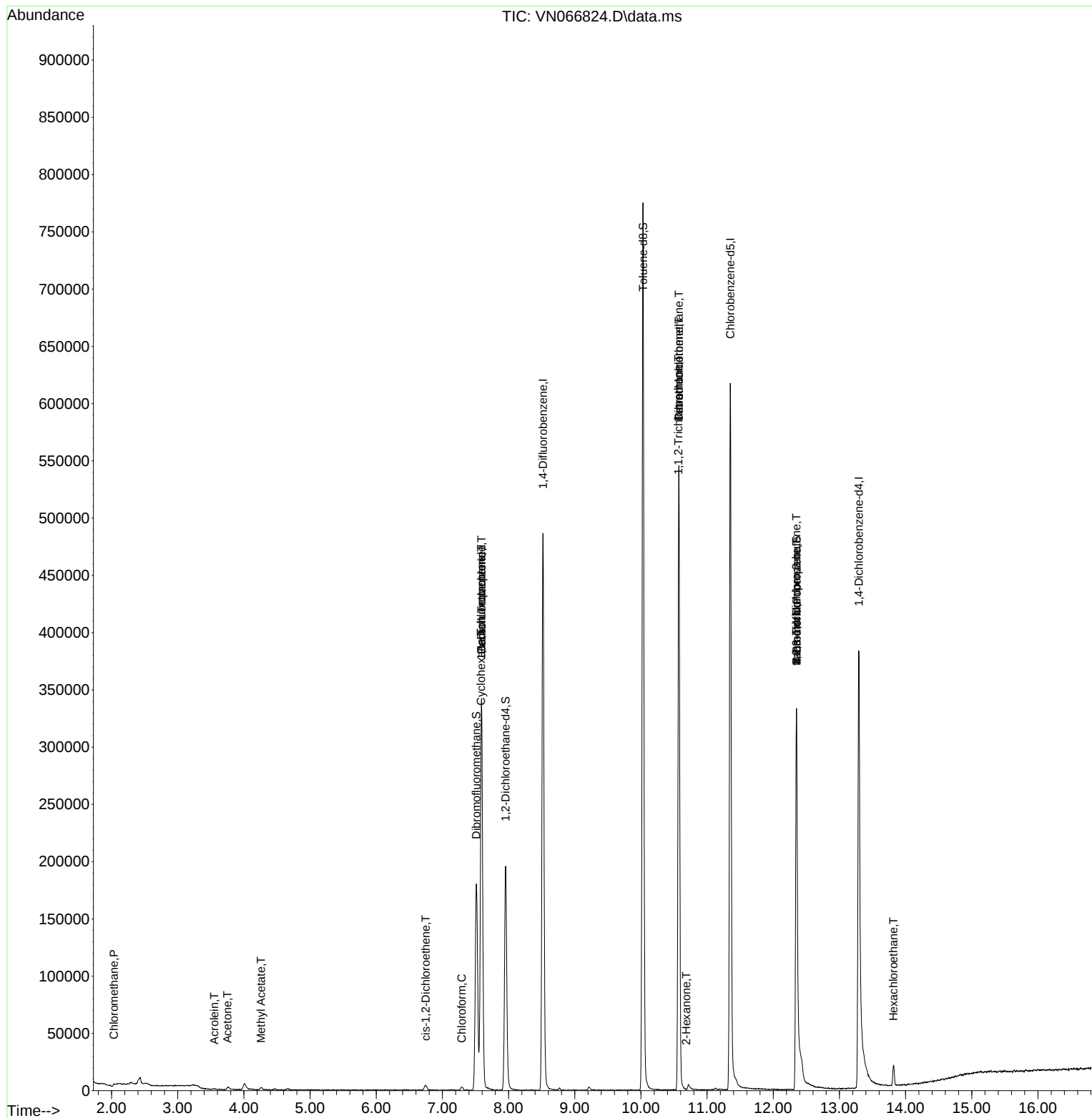
Target Compounds						Qvalue
3) Chloromethane	2.034	50	1011	0.23	ug/l	99
13) Acrolein	3.552	56	163	0.32	ug/l #	33
16) Acetone	3.750	43	1391	0.95	ug/l	98
18) Methyl Acetate	4.260	43	3808	2.05	ug/l #	71
27) cis-1,2-Dichloroethene	6.746	96	1156	0.31	ug/l	74
30) Chloroform	7.293	83	3475	0.57	ug/l	97
31) Cyclohexane	7.583	56	4853	0.81	ug/l #	1
36) 1,1-Dichloropropene	7.588	75	19851	4.60	ug/l #	48
38) Carbon Tetrachloride	7.591	117	26160	6.32	ug/l #	17
55) 1,1,2-Trichloroethane	10.568	97	861	0.28	ug/l #	1
59) 2-Hexanone	10.683	43	113	19.58	ug/l #	23
60) Dibromochloromethane	10.573	129	119653	35.46	ug/l #	11
64) Tetrachloroethene	10.573	164	137774	50.96	ug/l	98
71) Bromoform	12.351	173	900	0.41	ug/l #	1
76) 1,2,3-Trichloropropane	12.349	75	66231	18.51	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.349	75	66231	51.48	ug/l #	12
90) Hexachloroethane	13.816	117	4011	1.91	ug/l	92

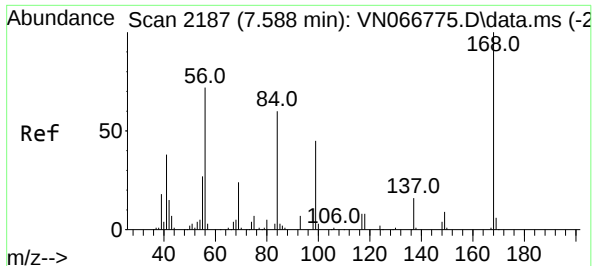
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Apr 27 16:02:50 2021
Response via : Initial Calibration

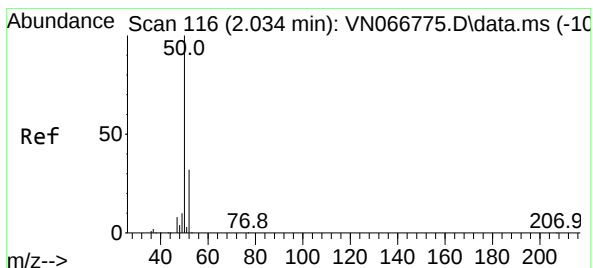
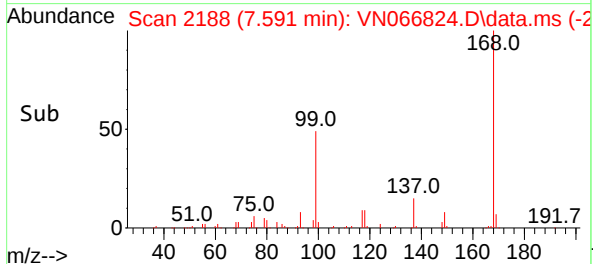
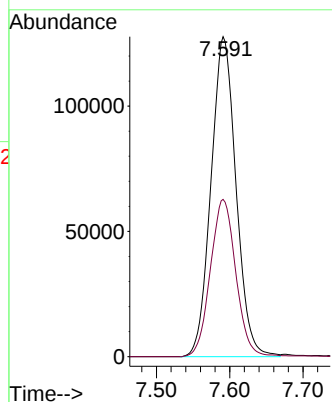
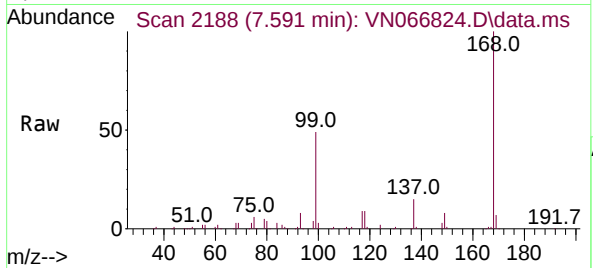




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. 0.003 min
Lab File: VN066824.D
Acq: 28 Apr 2021 19:52

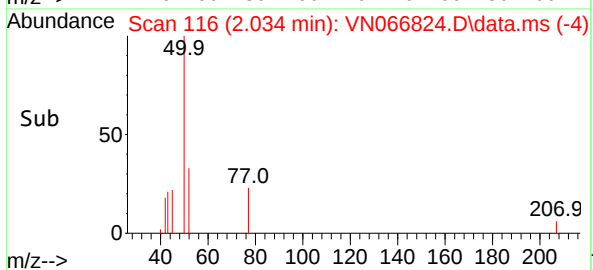
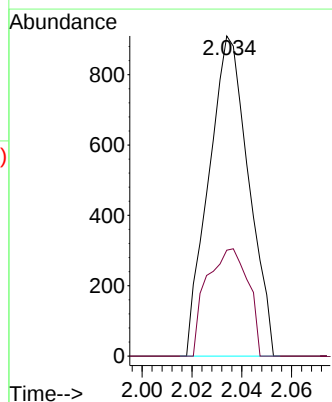
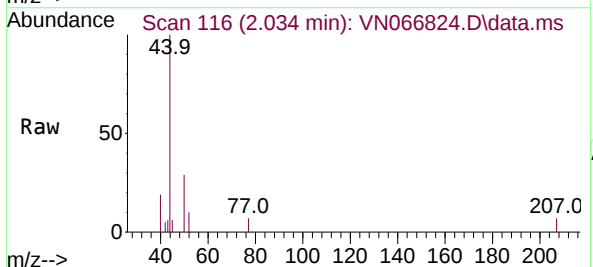
Instrument :
MSVOA_N
ClientSampled :

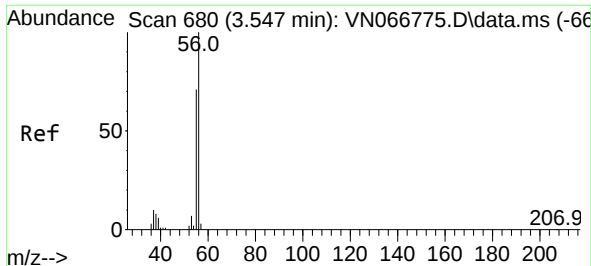
Tgt Ion:168 Resp: 303405
Ion Ratio Lower Upper
168 100
99 49.2 42.6 63.8



#3
Chloromethane
Concen: 0.23 ug/l
RT: 2.034 min Scan# 116
Delta R.T. -0.000 min
Lab File: VN066824.D
Acq: 28 Apr 2021 19:52

Tgt Ion: 50 Resp: 1011
Ion Ratio Lower Upper
50 100
52 33.1 25.8 38.8

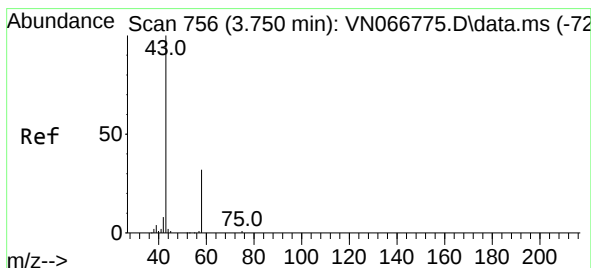
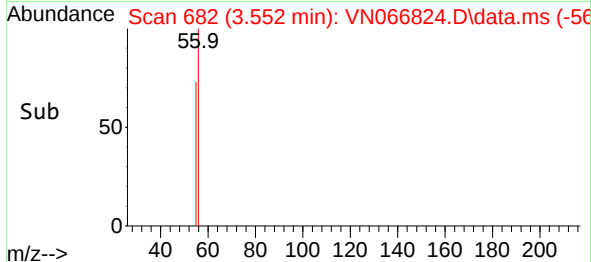
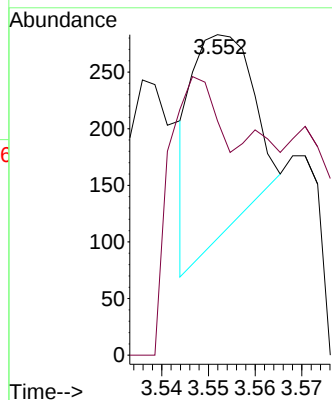
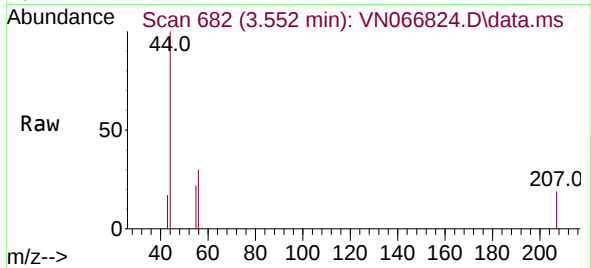




#13
Acrolein
Concen: 0.32 ug/l
RT: 3.552 min Scan# 682
Delta R.T. 0.005 min
Lab File: VN066824.D
Acq: 28 Apr 2021 19:52

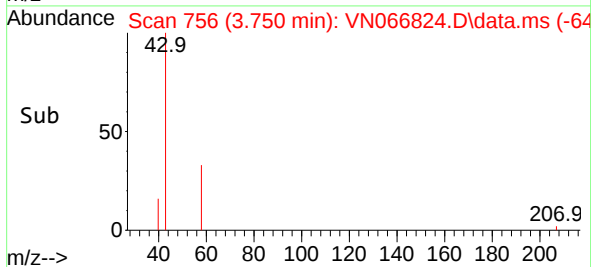
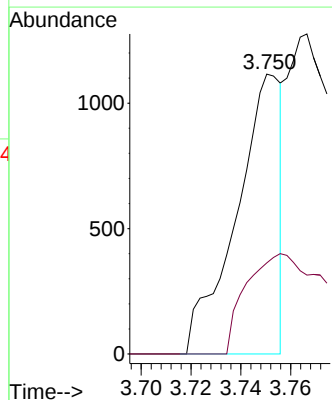
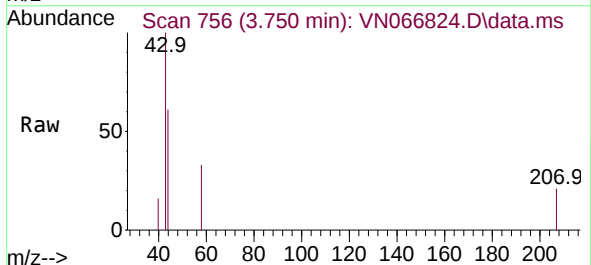
Instrument :
MSVOA_N
ClientSampled :

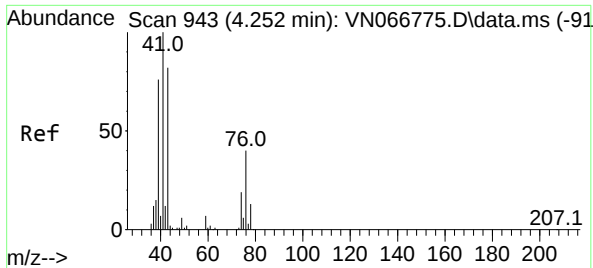
Tgt Ion: 56 Resp: 163
Ion Ratio Lower Upper
56 100
55 125.2 56.0 84.0#



#16
Acetone
Concen: 0.95 ug/l
RT: 3.750 min Scan# 756
Delta R.T. 0.000 min
Lab File: VN066824.D
Acq: 28 Apr 2021 19:52

Tgt Ion: 43 Resp: 1391
Ion Ratio Lower Upper
43 100
58 32.5 27.0 40.6





#18

Methyl Acetate

Concen: 2.05 ug/l

RT: 4.260 min Scan# 946

Delta R.T. 0.008 min

Lab File: VN066824.D

Acq: 28 Apr 2021 19:52

Tgt Ion: 43 Resp: 3808

Ion Ratio Lower Upper

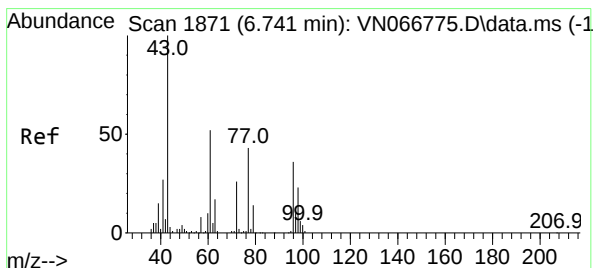
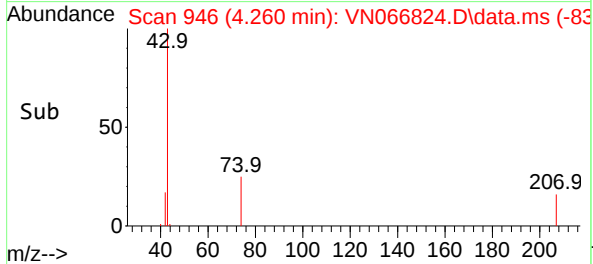
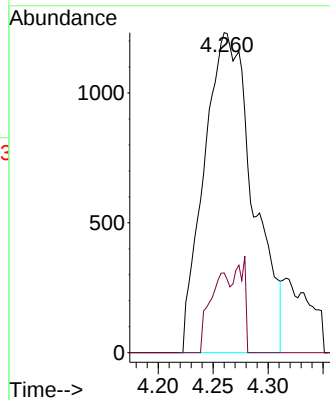
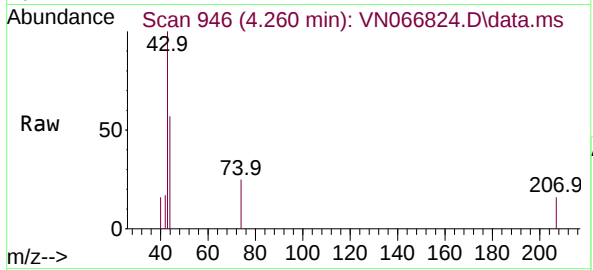
43 100

74 10.2 19.5 29.3#

Instrument :

MSVOA_N

ClientSampled :



#27

cis-1,2-Dichloroethene

Concen: 0.31 ug/l

RT: 6.746 min Scan# 1873

Delta R.T. 0.005 min

Lab File: VN066824.D

Acq: 28 Apr 2021 19:52

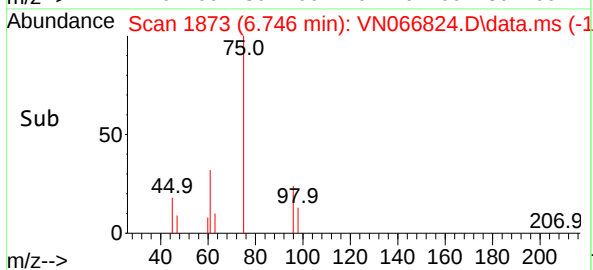
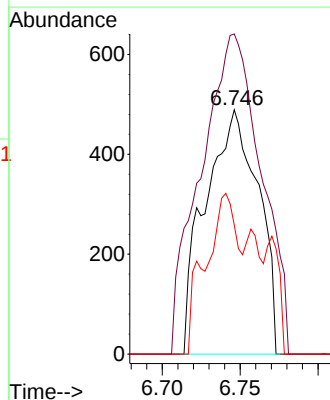
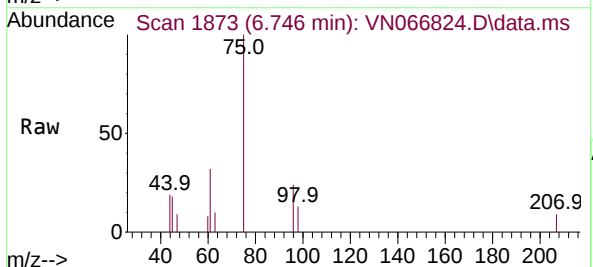
Tgt Ion: 96 Resp: 1156

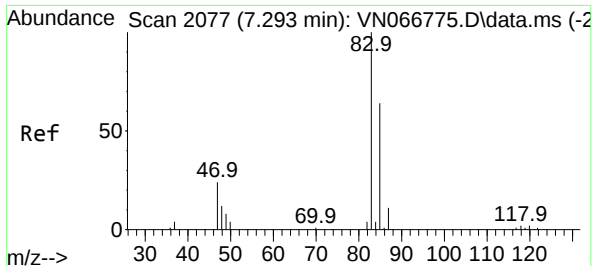
Ion Ratio Lower Upper

96 100

61 149.7 0.0 276.8

98 16.5 0.0 129.4





#30

Chloroform

Concen: 0.57 ug/l

RT: 7.293 min Scan# 2077

Delta R.T. 0.000 min

Lab File: VN066824.D

Acq: 28 Apr 2021 19:52

Tgt Ion: 83 Resp: 3475

Ion Ratio Lower Upper

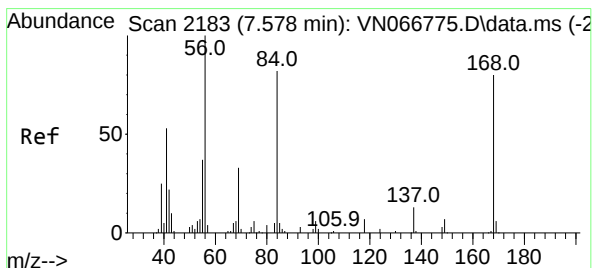
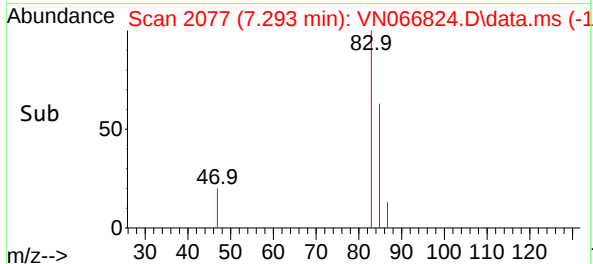
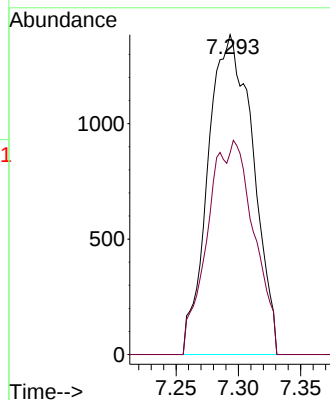
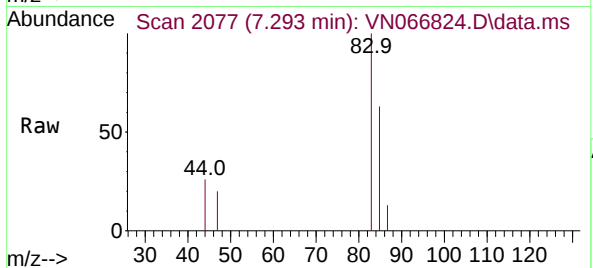
83 100

85 63.1 52.6 78.8

Instrument :

MSVOA_N

ClientSampled :



#31

Cyclohexane

Concen: 0.81 ug/l

RT: 7.583 min Scan# 2185

Delta R.T. 0.005 min

Lab File: VN066824.D

Acq: 28 Apr 2021 19:52

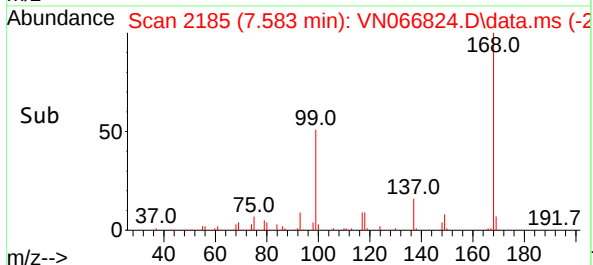
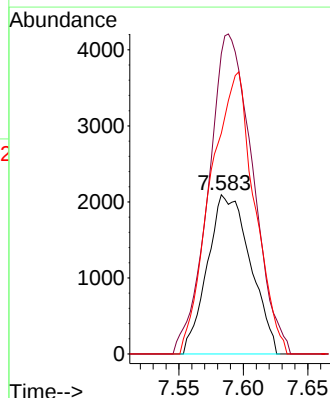
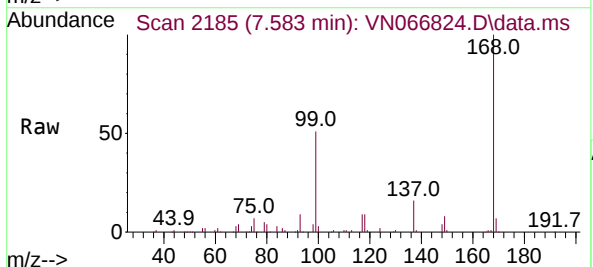
Tgt Ion: 56 Resp: 4853

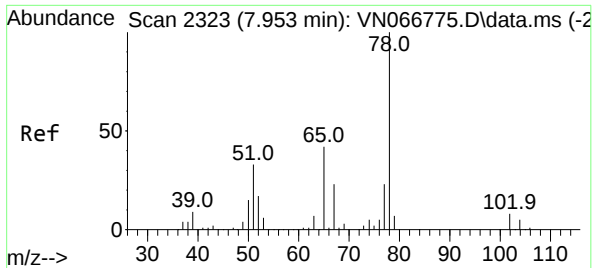
Ion Ratio Lower Upper

56 100

69 176.2 26.6 39.8#

84 138.5 70.4 105.6#

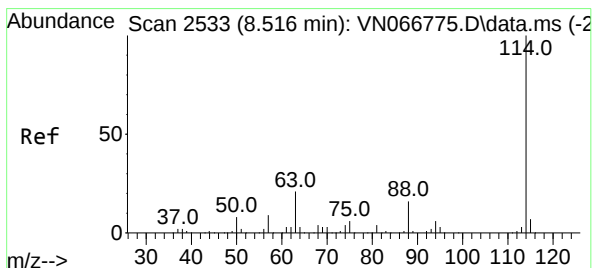
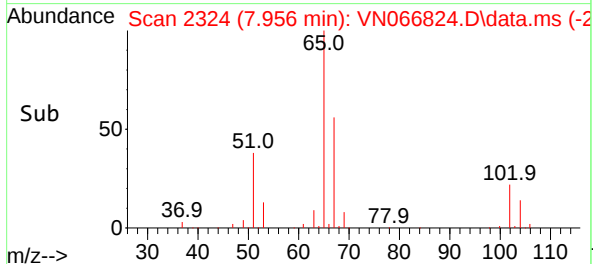
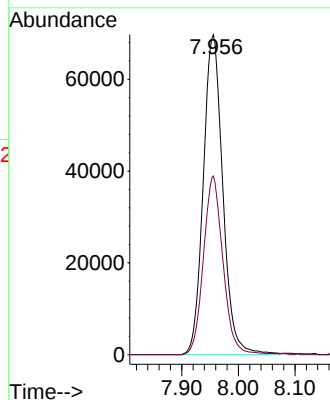
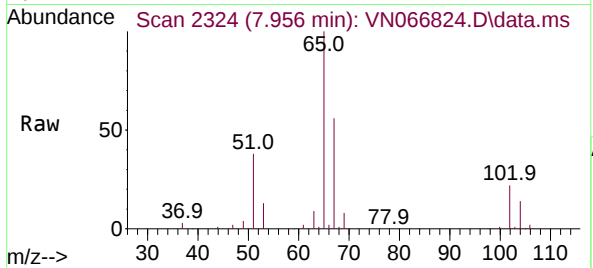




#33
 1,2-Dichloroethane-d4
 Concen: 42.88 ug/l
 RT: 7.956 min Scan# 2324
 Delta R.T. 0.003 min
 Lab File: VN066824.D
 Acq: 28 Apr 2021 19:52

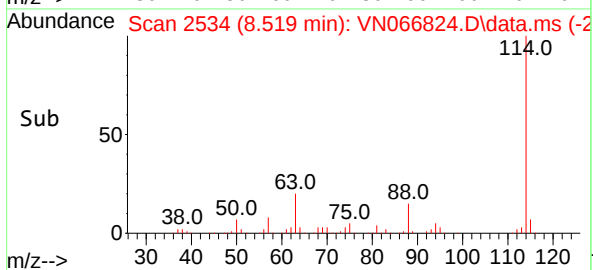
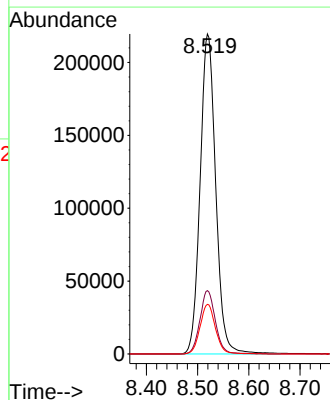
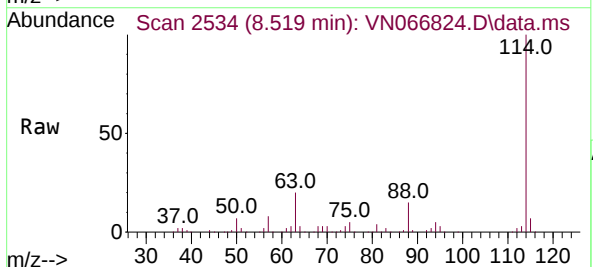
Instrument :
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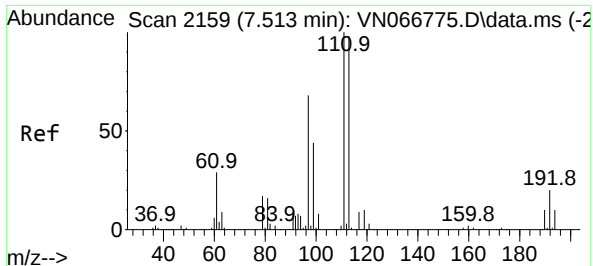
Tgt Ion: 65 Resp: 167158
 Ion Ratio Lower Upper
 65 100
 67 55.6 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.519 min Scan# 2534
 Delta R.T. 0.003 min
 Lab File: VN066824.D
 Acq: 28 Apr 2021 19:52

Tgt Ion: 114 Resp: 464804
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 38.6
 88 15.5 0.0 30.6

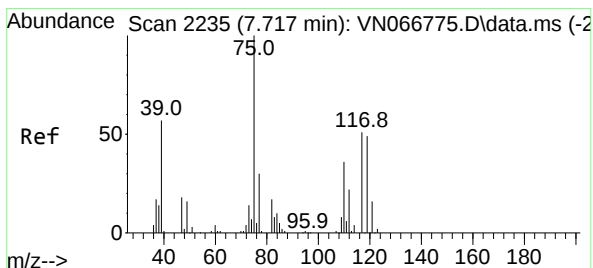
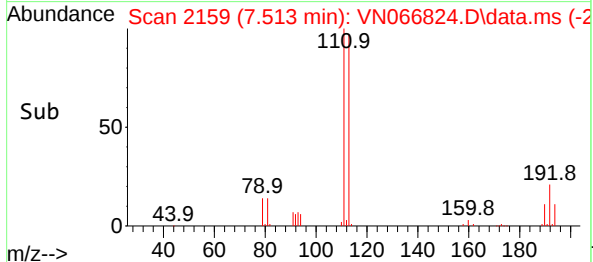
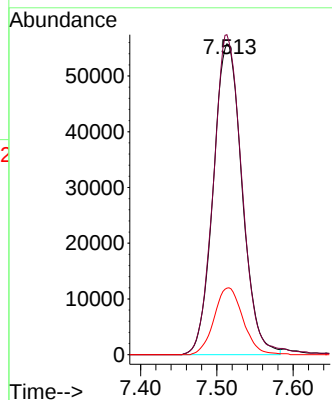
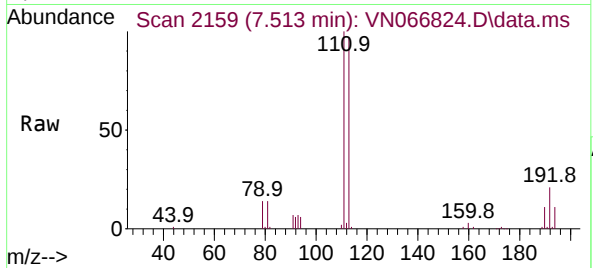




#35
Dibromofluoromethane
Concen: 51.04 ug/l
RT: 7.513 min Scan# 2159
Delta R.T. 0.000 min
Lab File: VN066824.D
Acq: 28 Apr 2021 19:52

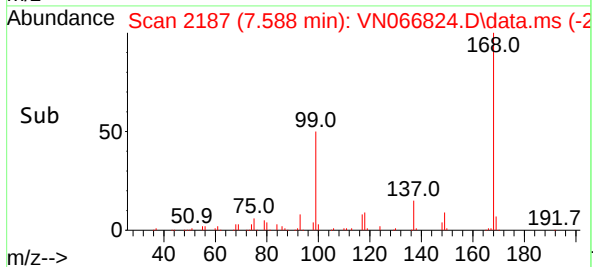
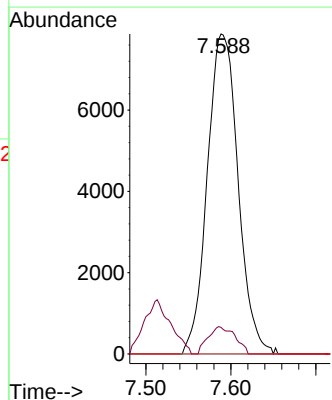
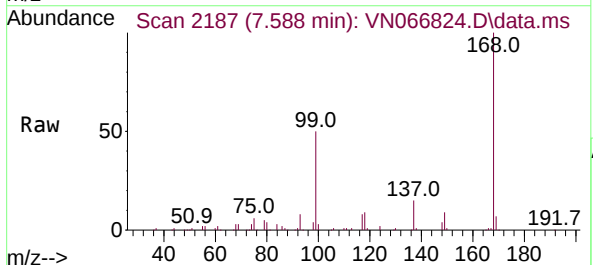
Instrument :
MSVOA_N
ClientSampled :

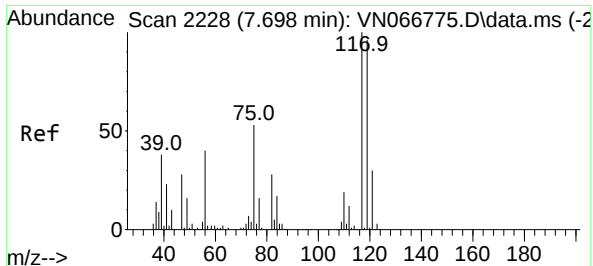
Tgt Ion:113 Resp: 146453
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.2
192 21.6 15.4 23.0



#36
1,1-Dichloropropene
Concen: 4.60 ug/l
RT: 7.588 min Scan# 2187
Delta R.T. -0.129 min
Lab File: VN066824.D
Acq: 28 Apr 2021 19:52

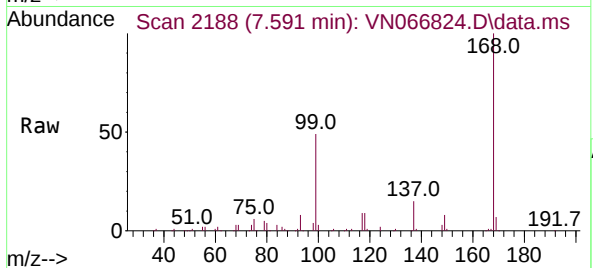
Tgt Ion: 75 Resp: 19851
Ion Ratio Lower Upper
75 100
110 7.5 18.2 54.6#
77 0.0 24.9 37.3#



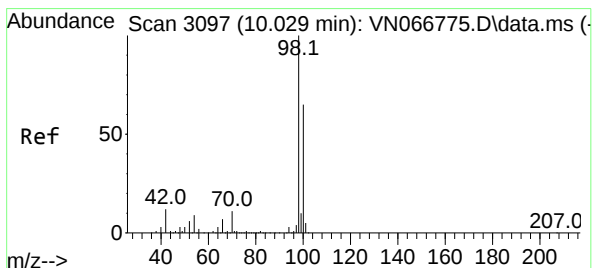
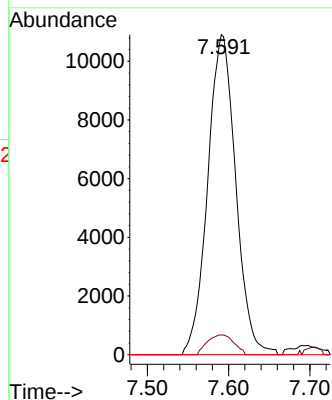
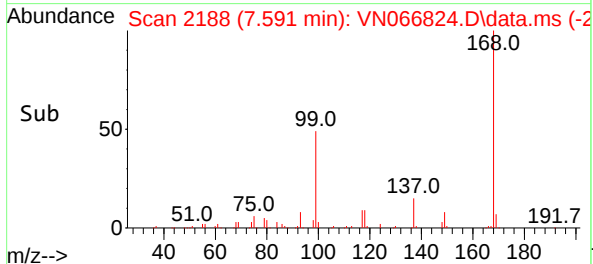


#38
Carbon Tetrachloride
Concen: 6.32 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. -0.107 min
Lab File: VN066824.D
Acq: 28 Apr 2021 19:52

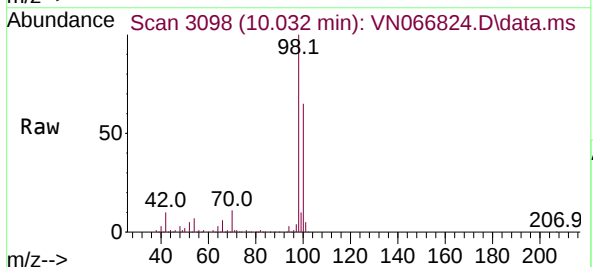
Instrument :
MSVOA_N
ClientSampled :



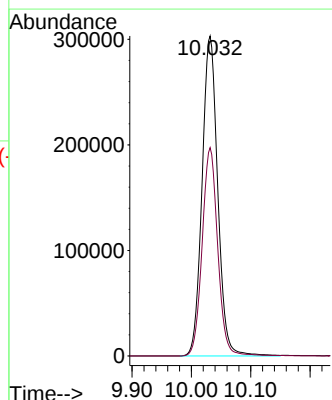
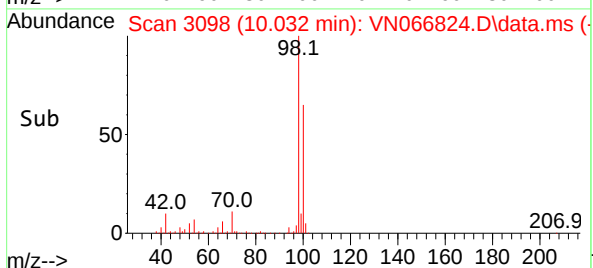
Tgt Ion:117 Resp: 26160
Ion Ratio Lower Upper
117 100
119 6.1 76.0 114.0#
121 0.0 24.5 36.7#

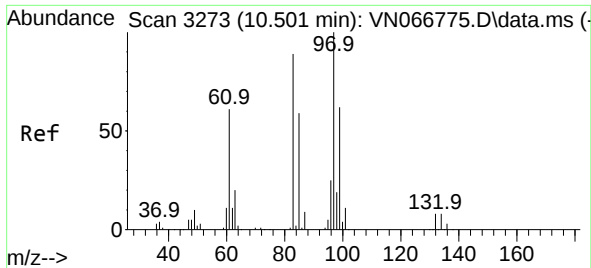


#50
Toluene-d8
Concen: 49.42 ug/l
RT: 10.032 min Scan# 3098
Delta R.T. 0.003 min
Lab File: VN066824.D
Acq: 28 Apr 2021 19:52



Tgt Ion: 98 Resp: 556530
Ion Ratio Lower Upper
98 100
100 64.6 50.5 75.7

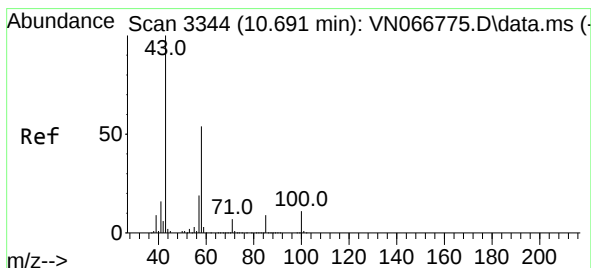
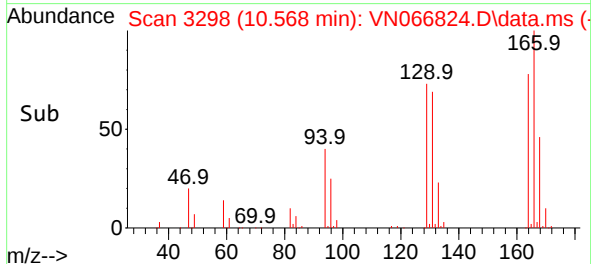
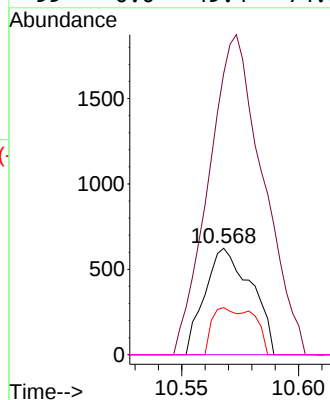
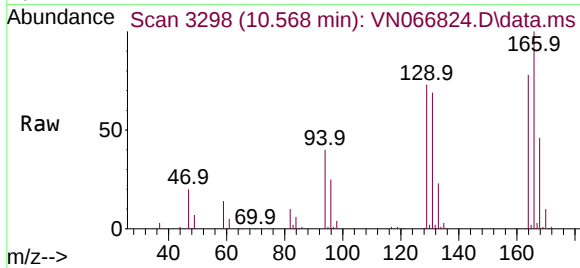




#55
1,1,2-Trichloroethane
Concen: 0.28 ug/l
RT: 10.568 min Scan# 3298
Delta R.T. 0.067 min
Lab File: VN066824.D
Acq: 28 Apr 2021 19:52

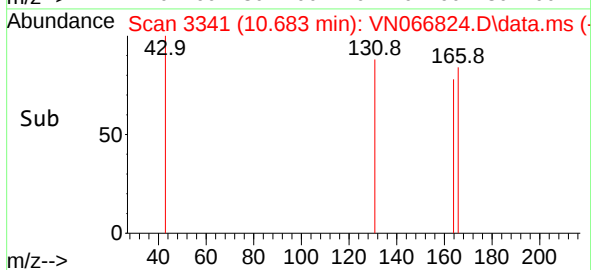
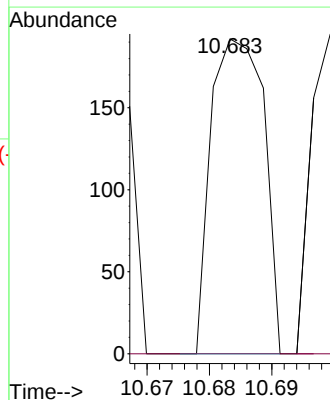
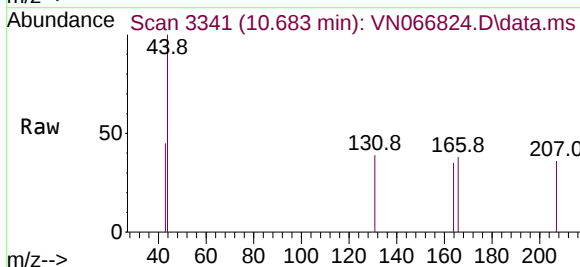
Instrument :
MSVOA_N
ClientSampleId :

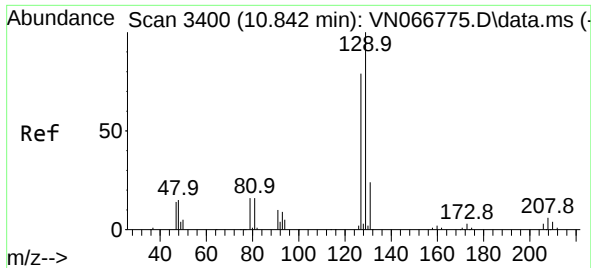
Tgt Ion: 97	Resp: 861
Ion Ratio	Lower Upper
97 100	
83 239.8	67.7 101.5#
85 44.3	44.5 66.7#
99 0.0	49.4 74.0#



#59
2-Hexanone
Concen: 19.58 ug/l
RT: 10.683 min Scan# 3341
Delta R.T. -0.008 min
Lab File: VN066824.D
Acq: 28 Apr 2021 19:52

Tgt Ion: 43	Resp: 113
Ion Ratio	Lower Upper
43 100	
58 0.0	28.1 84.3#

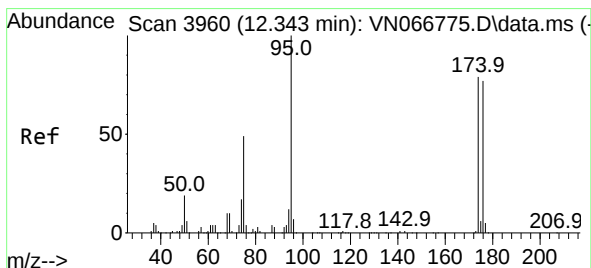
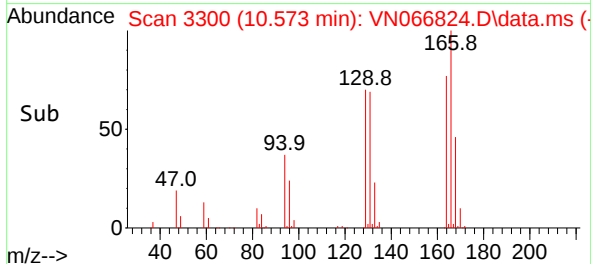
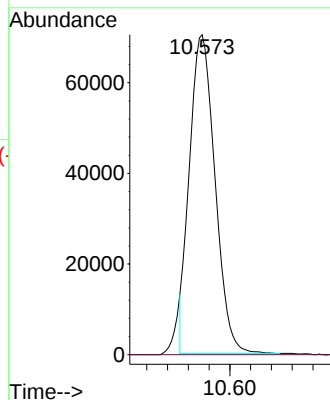
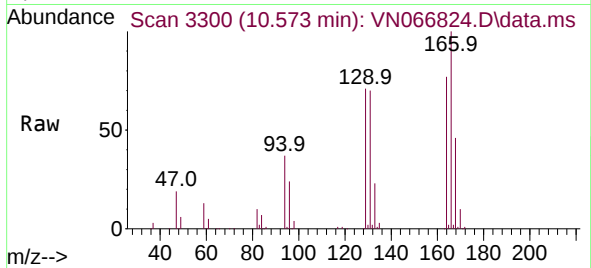




#60
Dibromochloromethane
Concen: 35.46 ug/l
RT: 10.573 min Scan# 3300
Delta R.T. -0.269 min
Lab File: VN066824.D
Acq: 28 Apr 2021 19:52

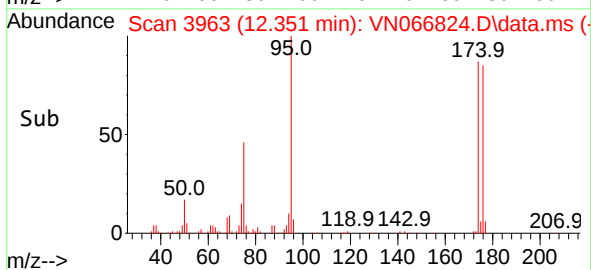
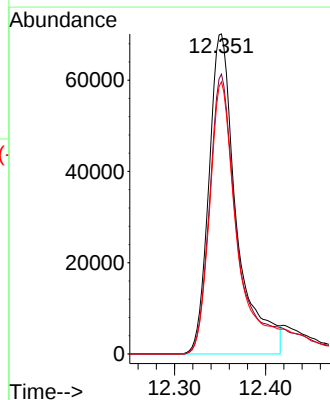
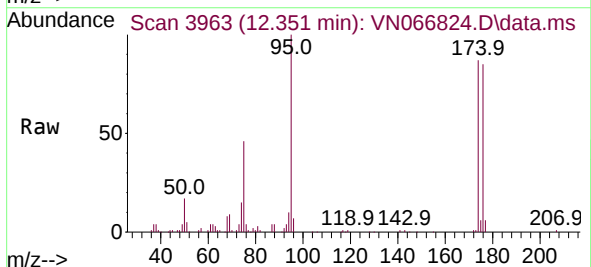
Instrument :
MSVOA_N
ClientSampled :

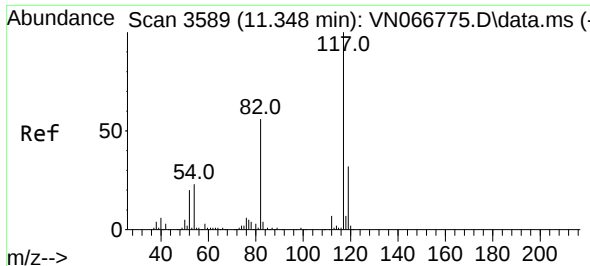
Tgt Ion:129 Resp: 119653
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#



#62
4-Bromofluorobenzene
Concen: 38.91 ug/l
RT: 12.351 min Scan# 3963
Delta R.T. 0.008 min
Lab File: VN066824.D
Acq: 28 Apr 2021 19:52

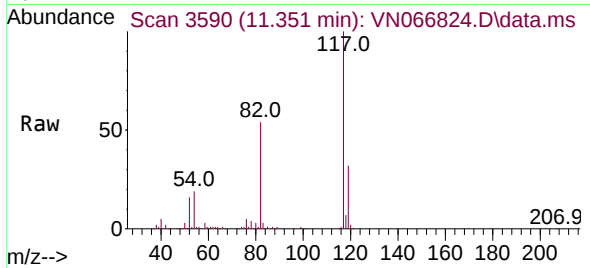
Tgt Ion: 95 Resp: 148265
Ion Ratio Lower Upper
95 100
174 96.6 0.0 169.0
176 93.1 0.0 162.4



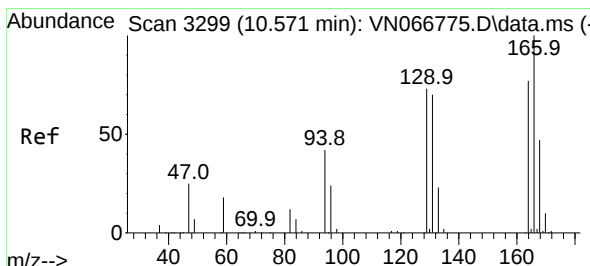
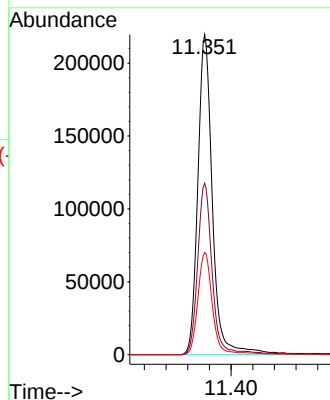
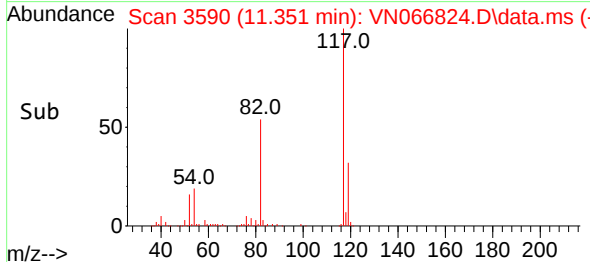


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.351 min Scan# 3590
Delta R.T. 0.003 min
Lab File: VN066824.D
Acq: 28 Apr 2021 19:52

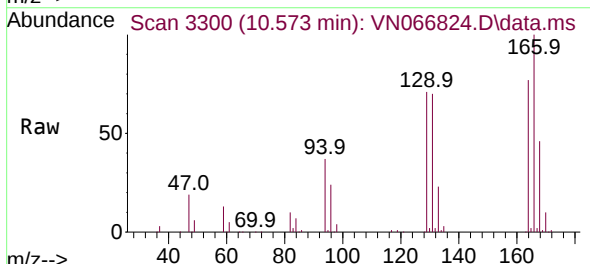
Instrument :
MSVOA_N
ClientSampled :



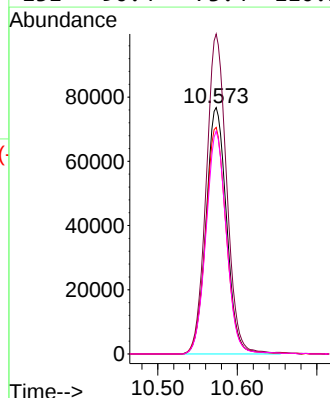
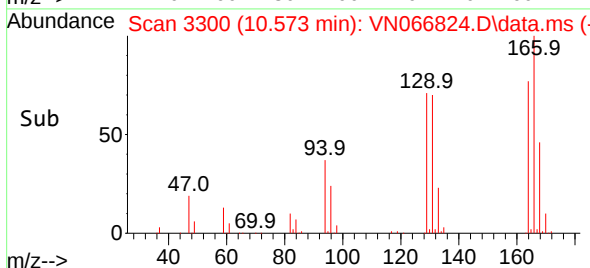
Tgt Ion:117 Resp: 408830
Ion Ratio Lower Upper
117 100
82 53.6 43.7 65.5
119 31.9 26.1 39.1

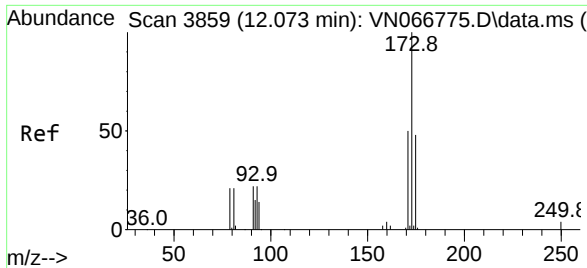


#64
Tetrachloroethene
Concen: 50.96 ug/l
RT: 10.573 min Scan# 3300
Delta R.T. 0.002 min
Lab File: VN066824.D
Acq: 28 Apr 2021 19:52



Tgt Ion:164 Resp: 137774
Ion Ratio Lower Upper
164 100
166 129.8 102.6 154.0
129 92.0 76.2 114.4
131 90.4 73.4 110.2

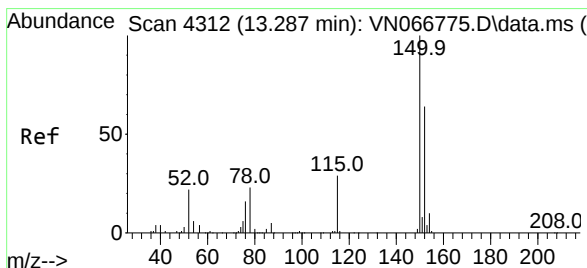
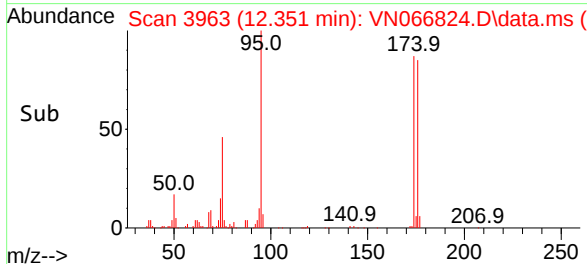
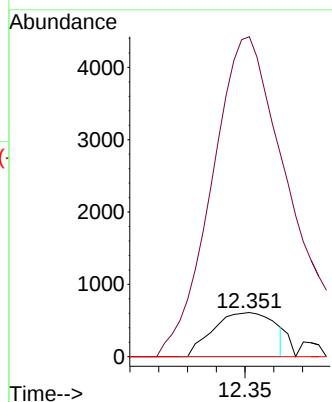
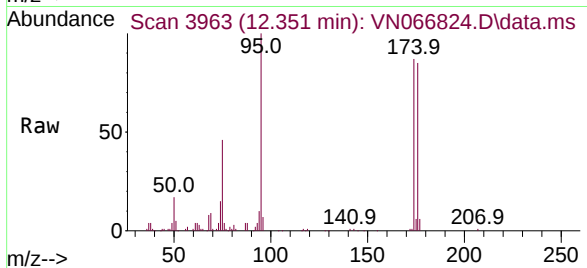




#71
Bromoform
Concen: 0.41 ug/l
RT: 12.351 min Scan# 3963
Delta R.T. 0.278 min
Lab File: VN066824.D
Acq: 28 Apr 2021 19:52

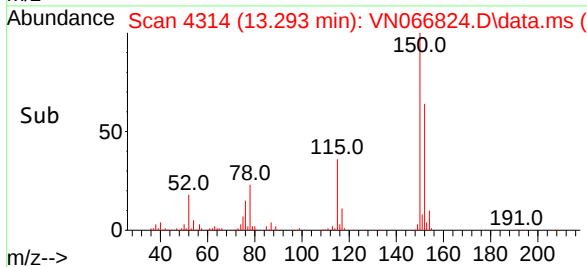
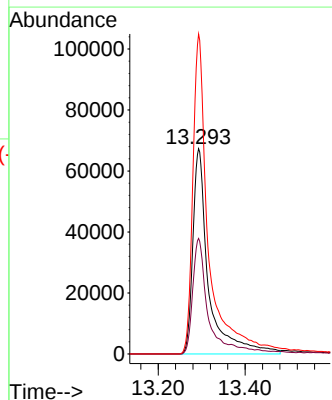
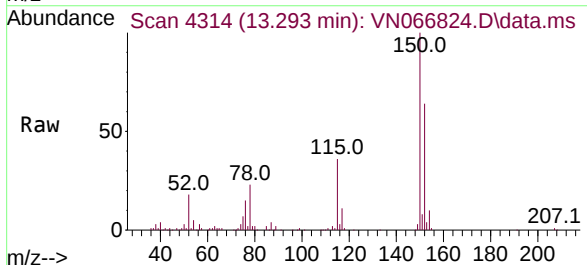
Instrument :
MSVOA_N
ClientSampleId :

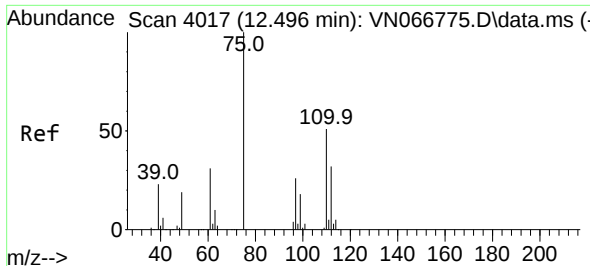
Tgt Ion:173 Resp: 900
Ion Ratio Lower Upper
173 100
175 722.3 23.8 71.2#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.293 min Scan# 4314
Delta R.T. 0.005 min
Lab File: VN066824.D
Acq: 28 Apr 2021 19:52

Tgt Ion:152 Resp: 169794
Ion Ratio Lower Upper
152 100
115 50.0 28.5 85.6
150 152.2 0.0 347.6

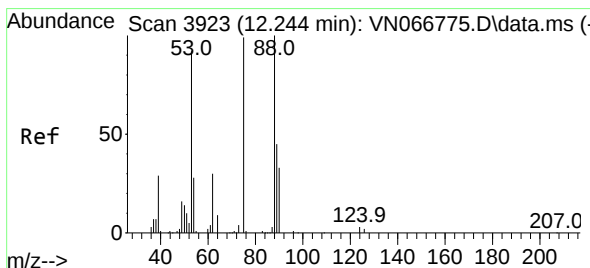
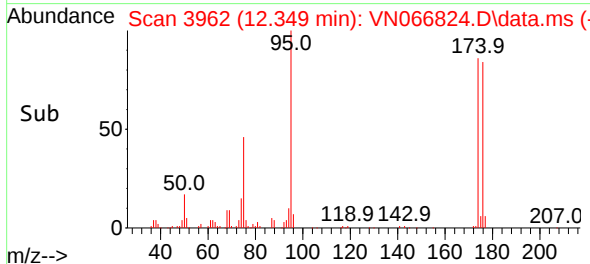
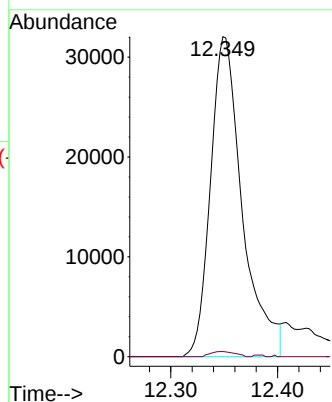
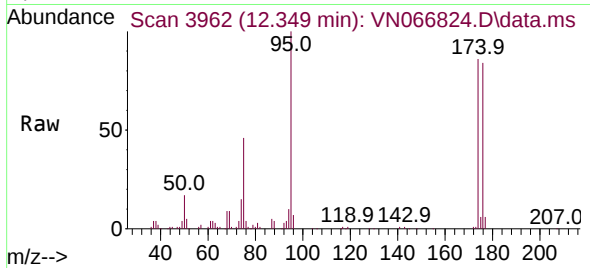




#76
1,2,3-Trichloropropane
Concen: 18.51 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. -0.147 min
Lab File: VN066824.D
Acq: 28 Apr 2021 19:52

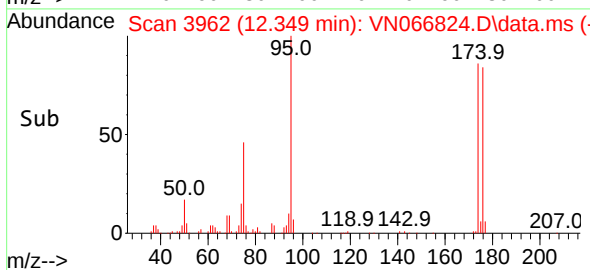
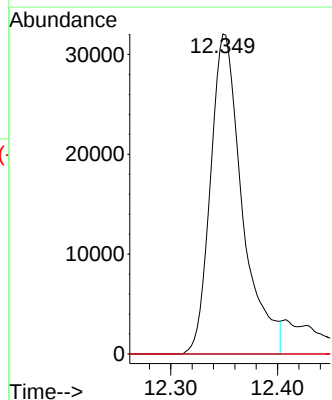
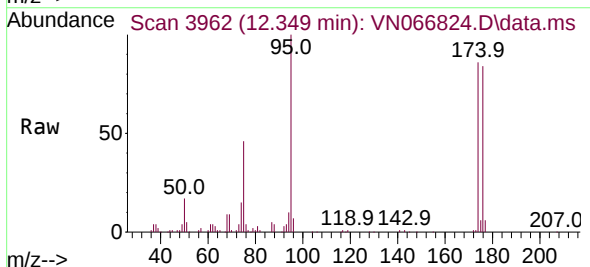
Instrument :
MSVOA_N
ClientSampled :

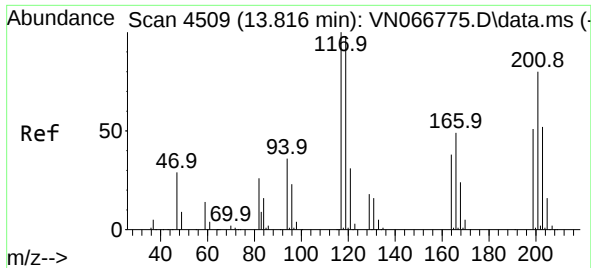
Tgt Ion: 75 Resp: 66231
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 51.48 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. 0.105 min
Lab File: VN066824.D
Acq: 28 Apr 2021 19:52

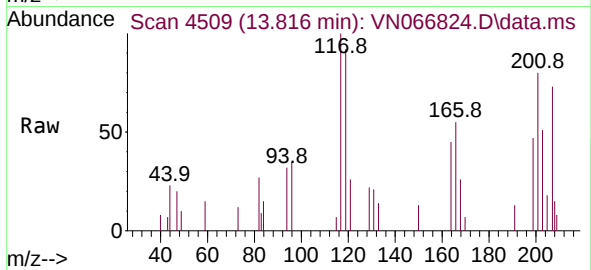
Tgt Ion: 75 Resp: 66231
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#





#90
 Hexachloroethane
 Concen: 1.91 ug/l
 RT: 13.816 min Scan# 4509
 Delta R.T. -0.000 min
 Lab File: VN066824.D
 Acq: 28 Apr 2021 19:52

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:117 Resp: 4011
 Ion Ratio Lower Upper
 117 100
 201 82.3 37.8 113.3

