

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042821\
 Data File : VN066837.D
 Acq On : 29 Apr 2021 2:06
 Operator : JC/MD
 Sample : M2137-06
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 29 04:34:26 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

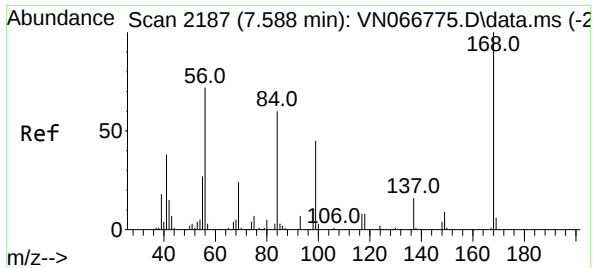
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.591	168	304064	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.519	114	456917	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.351	117	382047	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.293	152	156671	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.956	65	164989	42.23	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	84.46%
35) Dibromofluoromethane	7.513	113	147033	52.13	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	104.26%
50) Toluene-d8	10.032	98	546972	49.41	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.82%
62) 4-Bromofluorobenzene	12.351	95	133418	35.62	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	71.24%

Target Compounds						Qvalue
3) Chloromethane	2.037	50	1124	0.26	ug/l	97
13) Acrolein	3.552	56	628	1.25	ug/l #	82
14) Allyl chloride	4.011	41	1380	0.24	ug/l #	77
16) Acetone	3.767	43	4500	3.05	ug/l	89
18) Methyl Acetate	4.263	43	2429	1.71	ug/l #	53
20) Methylene Chloride	4.464	84	1113	0.30	ug/l #	77
27) cis-1,2-Dichloroethene	6.746	96	15355	4.06	ug/l	90
30) Chloroform	7.291	83	1391	0.23	ug/l	87
31) Cyclohexane	7.596	56	4650	0.77	ug/l #	1
36) 1,1-Dichloropropene	7.588	75	19774	4.66	ug/l #	49
38) Carbon Tetrachloride	7.591	117	25561	6.28	ug/l #	17
51) 4-Methyl-2-Pentanone	10.029	43	1887	0.48	ug/l #	1
60) Dibromochloromethane	10.573	129	2835	0.85	ug/l #	11
64) Tetrachloroethene	10.573	164	3419	1.35	ug/l	97
71) Bromoform	12.351	173	809	0.39	ug/l #	1
76) 1,2,3-Trichloropropane	12.349	75	59262	17.95	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.349	75	59262	50.13	ug/l #	12

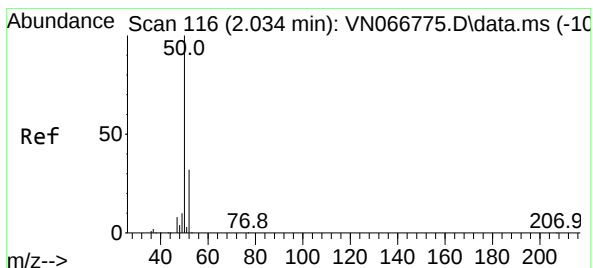
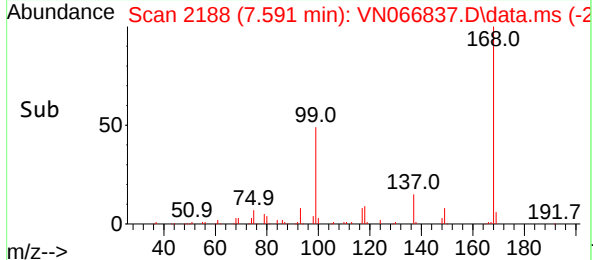
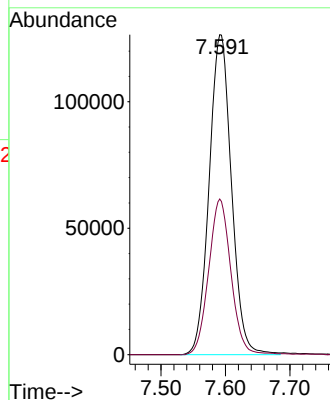
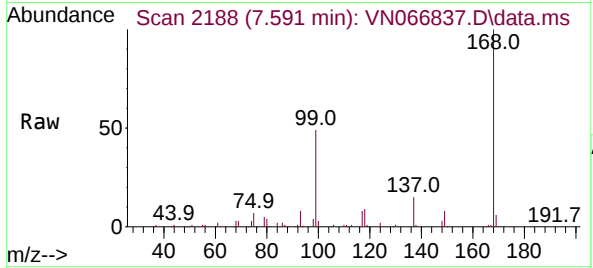
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. 0.003 min
Lab File: VN066837.D
Acq: 29 Apr 2021 2:06

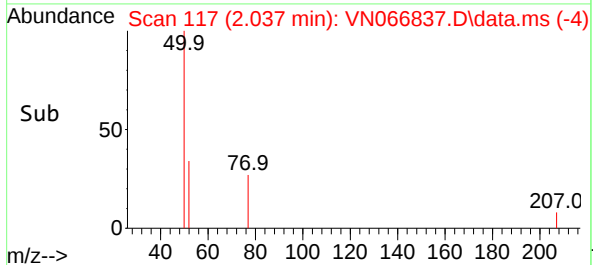
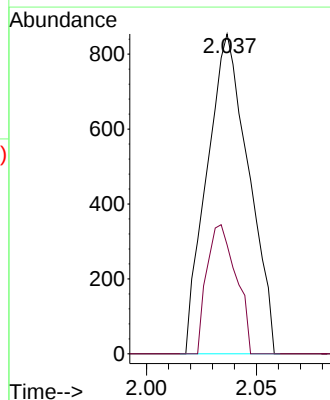
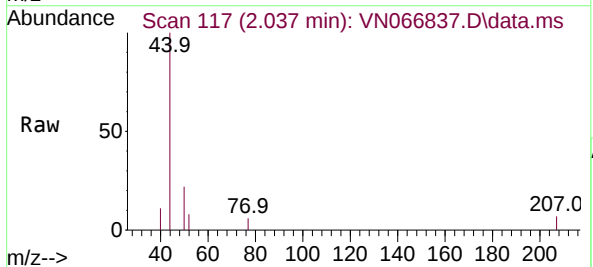
Instrument :
MSVOA_N
ClientSampled :

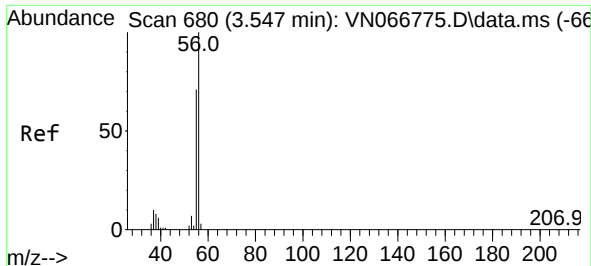
Tgt Ion:168 Resp: 304064
Ion Ratio Lower Upper
168 100
99 48.6 42.6 63.8



#3
Chloromethane
Concen: 0.26 ug/l
RT: 2.037 min Scan# 117
Delta R.T. 0.003 min
Lab File: VN066837.D
Acq: 29 Apr 2021 2:06

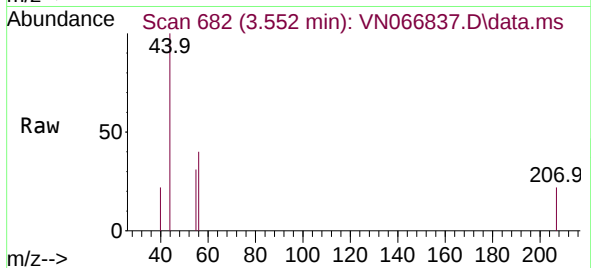
Tgt Ion: 50 Resp: 1124
Ion Ratio Lower Upper
50 100
52 34.1 25.8 38.8



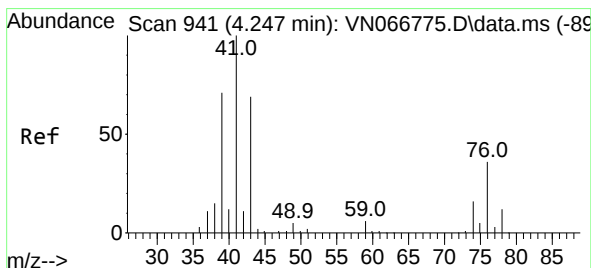
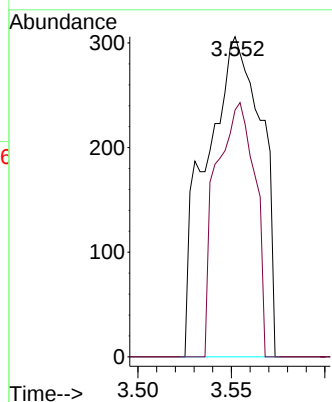
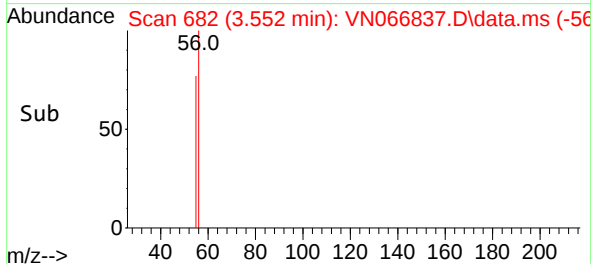


#13
Acrolein
Concen: 1.25 ug/l
RT: 3.552 min Scan# 682
Delta R.T. 0.005 min
Lab File: VN066837.D
Acq: 29 Apr 2021 2:06

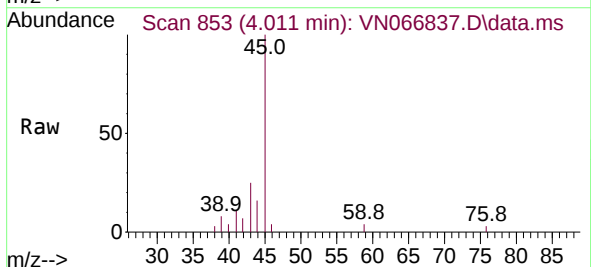
Instrument :
MSVOA_N
ClientSampled :



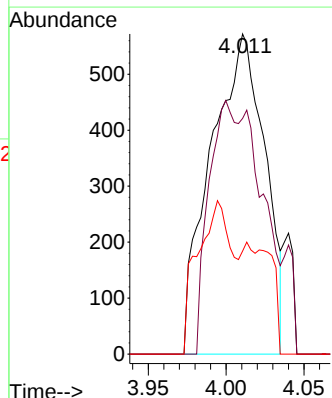
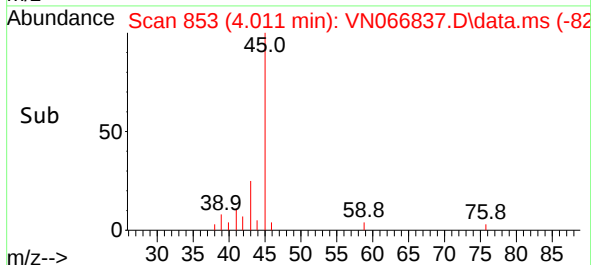
Tgt Ion: 56 Resp: 628
Ion Ratio Lower Upper
56 100
55 55.6 56.0 84.0#

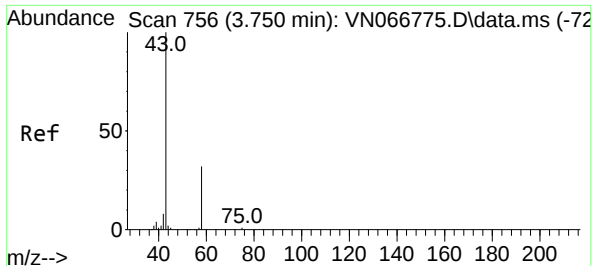


#14
Allyl chloride
Concen: 0.24 ug/l
RT: 4.011 min Scan# 853
Delta R.T. -0.236 min
Lab File: VN066837.D
Acq: 29 Apr 2021 2:06



Tgt Ion: 41 Resp: 1380
Ion Ratio Lower Upper
41 100
39 42.2 53.0 79.4#
76 30.9 28.9 43.3

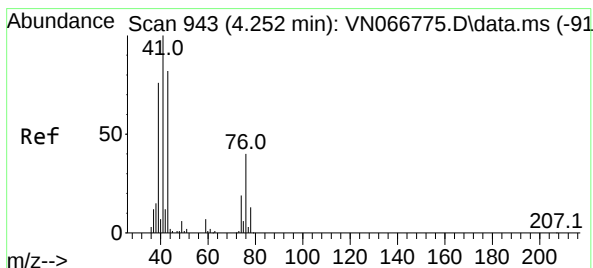
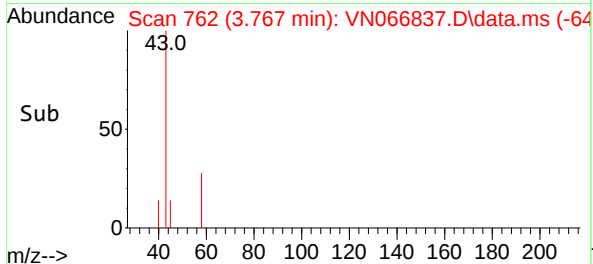
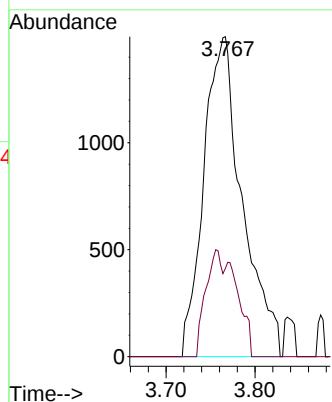
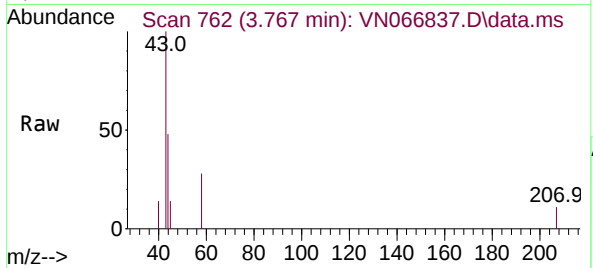




#16
Acetone
Concen: 3.05 ug/l
RT: 3.767 min Scan# 762
Delta R.T. 0.017 min
Lab File: VN066837.D
Acq: 29 Apr 2021 2:06

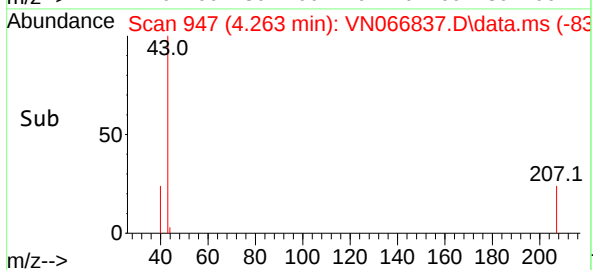
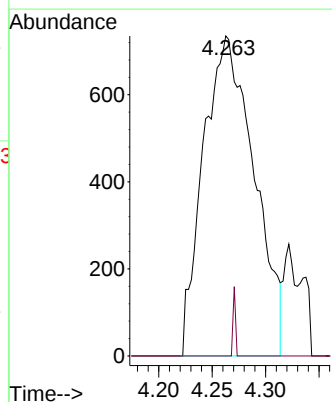
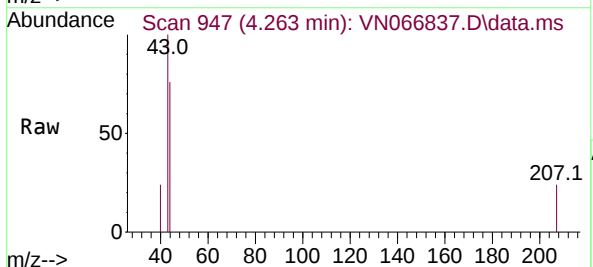
Instrument :
MSVOA_N
ClientSampled :

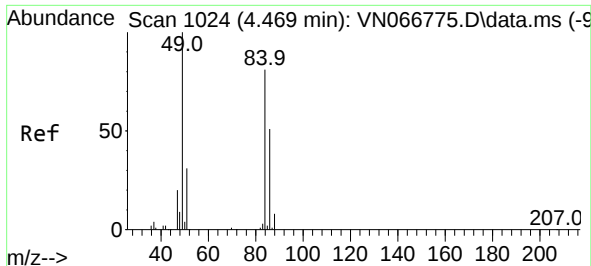
Tgt Ion: 43 Resp: 4500
Ion Ratio Lower Upper
43 100
58 27.5 27.0 40.6



#18
Methyl Acetate
Concen: 1.71 ug/l
RT: 4.263 min Scan# 947
Delta R.T. 0.011 min
Lab File: VN066837.D
Acq: 29 Apr 2021 2:06

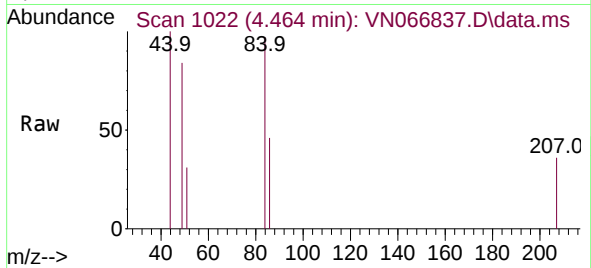
Tgt Ion: 43 Resp: 2429
Ion Ratio Lower Upper
43 100
74 1.1 19.5 29.3#



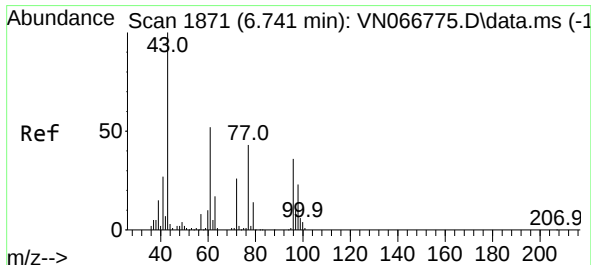
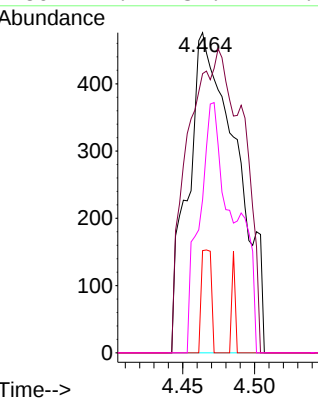
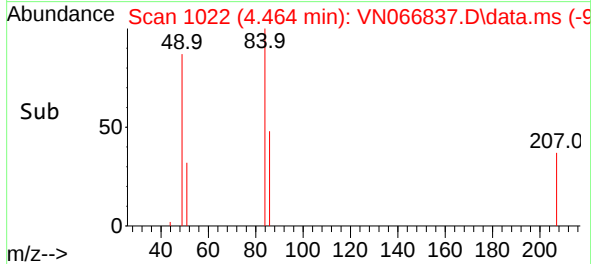


#20
Methylene Chloride
Concen: 0.30 ug/l
RT: 4.464 min Scan# 1022
Delta R.T. -0.005 min
Lab File: VN066837.D
Acq: 29 Apr 2021 2:06

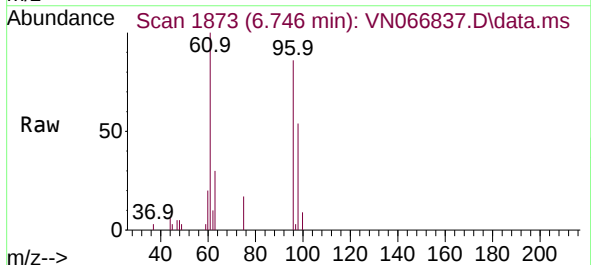
Instrument :
MSVOA_N
ClientSampled :



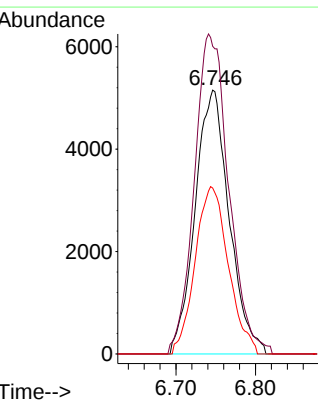
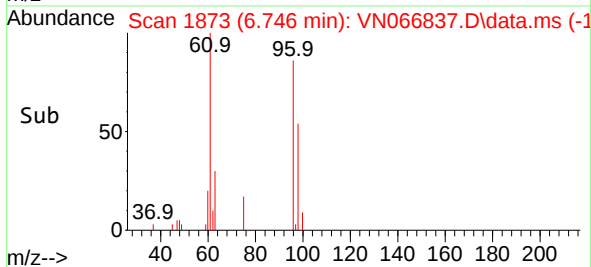
Tgt Ion:	84	Resp:	1113
Ion	Ratio	Lower	Upper
84	100		
49	87.2	94.6	141.8#
51	31.9	29.9	44.9
86	47.9	51.4	77.2#

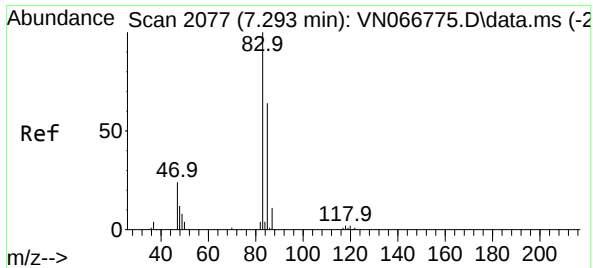


#27
cis-1,2-Dichloroethene
Concen: 4.06 ug/l
RT: 6.746 min Scan# 1873
Delta R.T. 0.005 min
Lab File: VN066837.D
Acq: 29 Apr 2021 2:06



Tgt Ion:	96	Resp:	15355
Ion	Ratio	Lower	Upper
96	100		
61	122.7	0.0	276.8
98	61.7	0.0	129.4

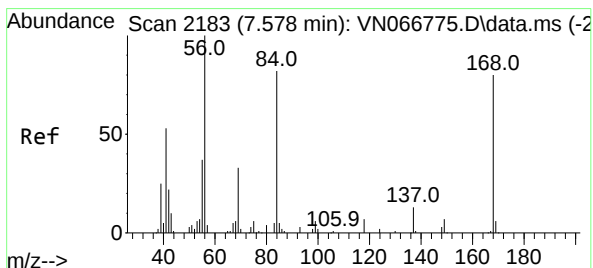
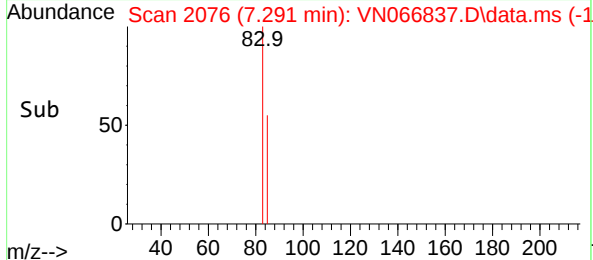
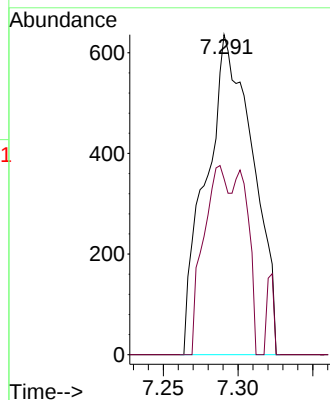
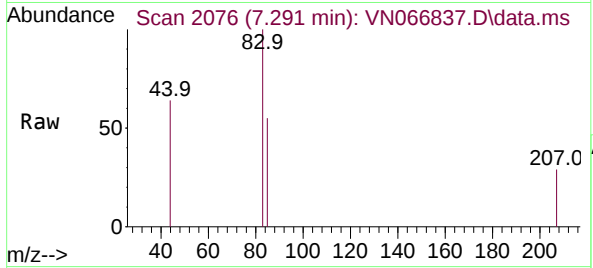




#30
Chloroform
Concen: 0.23 ug/l
RT: 7.291 min Scan# 2076
Delta R.T. -0.002 min
Lab File: VN066837.D
Acq: 29 Apr 2021 2:06

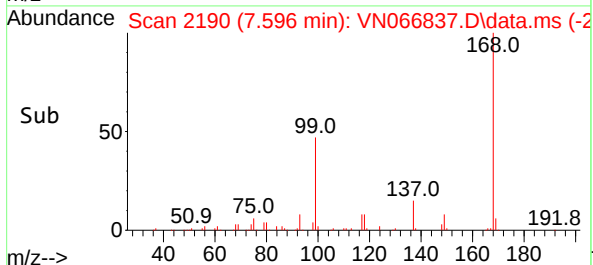
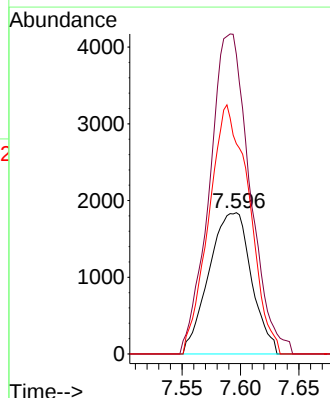
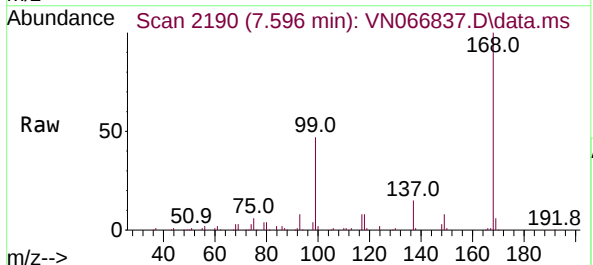
Instrument :
MSVOA_N
ClientSampled :

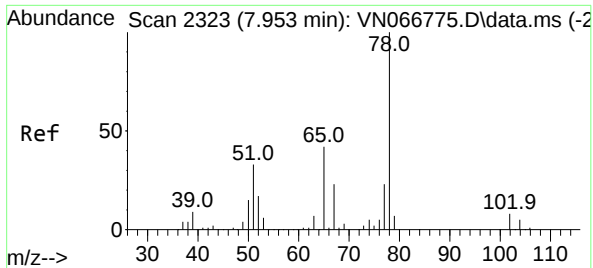
Tgt Ion: 83 Resp: 1391
Ion Ratio Lower Upper
83 100
85 55.0 52.6 78.8



#31
Cyclohexane
Concen: 0.77 ug/l
RT: 7.596 min Scan# 2190
Delta R.T. 0.018 min
Lab File: VN066837.D
Acq: 29 Apr 2021 2:06

Tgt Ion: 56 Resp: 4650
Ion Ratio Lower Upper
56 100
69 211.9 26.6 39.8#
84 148.7 70.4 105.6#

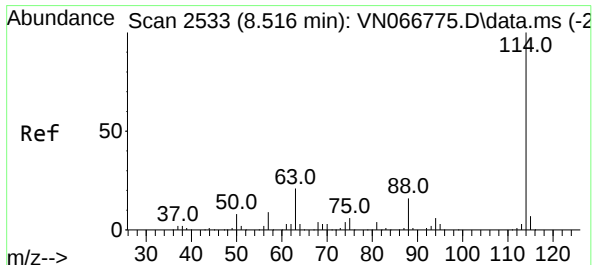
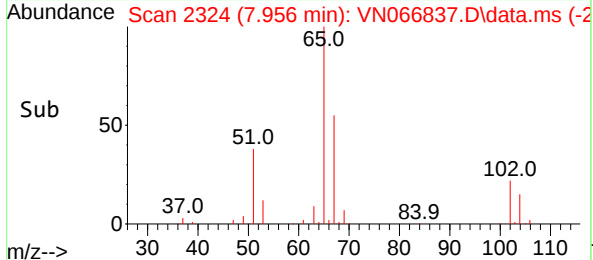
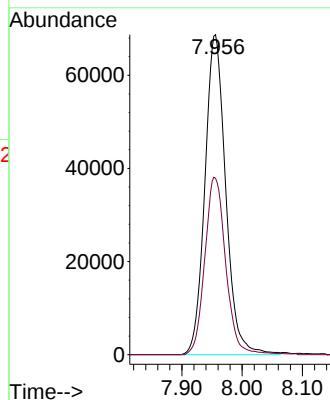
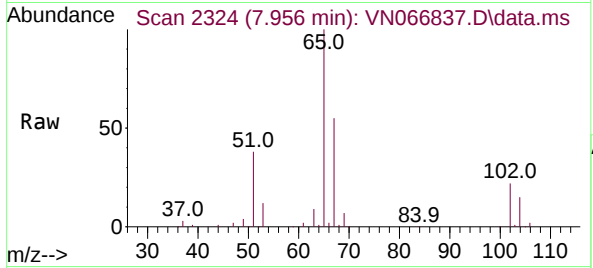




#33
 1,2-Dichloroethane-d4
 Concen: 42.23 ug/l
 RT: 7.956 min Scan# 2324
 Delta R.T. 0.003 min
 Lab File: VN066837.D
 Acq: 29 Apr 2021 2:06

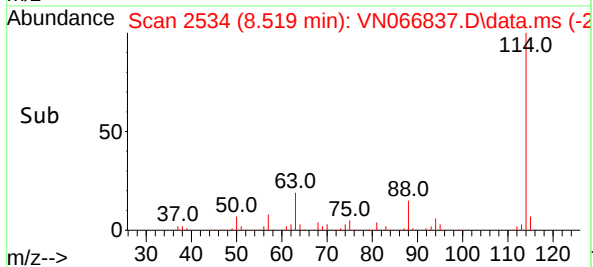
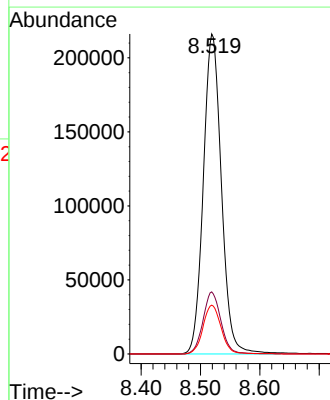
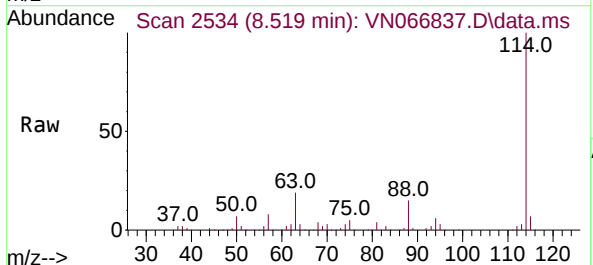
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 ClientSampled :

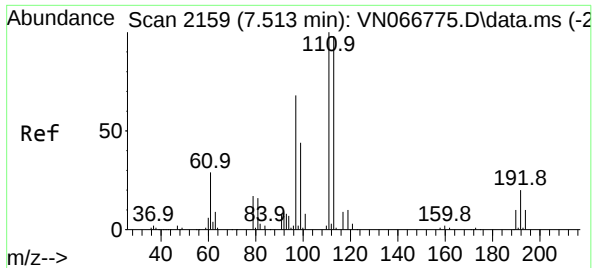
Tgt Ion: 65 Resp: 164989
 Ion Ratio Lower Upper
 65 100
 67 55.8 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.519 min Scan# 2534
 Delta R.T. 0.003 min
 Lab File: VN066837.D
 Acq: 29 Apr 2021 2:06

Tgt Ion: 114 Resp: 456917
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 38.6
 88 15.3 0.0 30.6

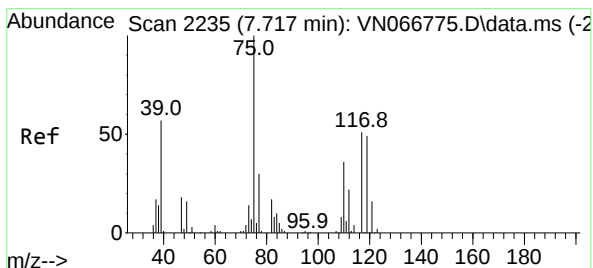
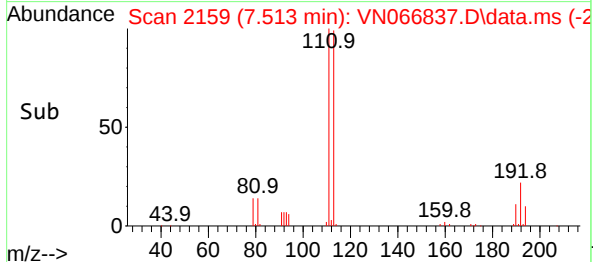
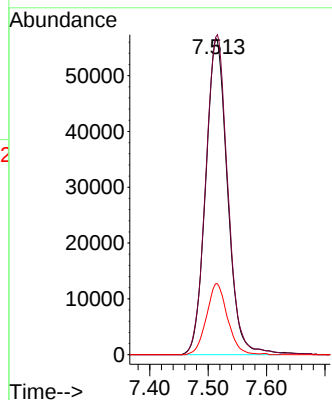
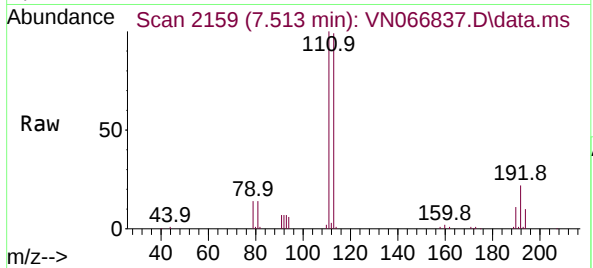




#35
Dibromofluoromethane
Concen: 52.13 ug/l
RT: 7.513 min Scan# 2159
Delta R.T. 0.000 min
Lab File: VN066837.D
Acq: 29 Apr 2021 2:06

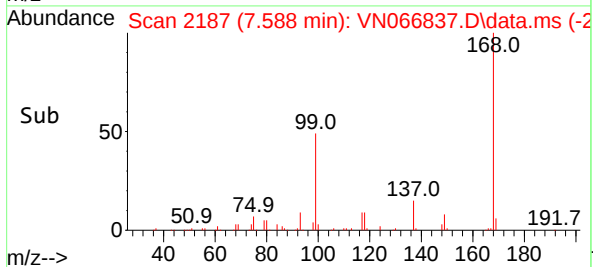
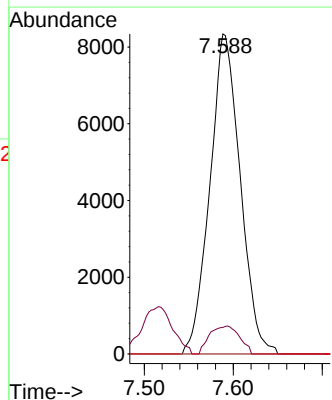
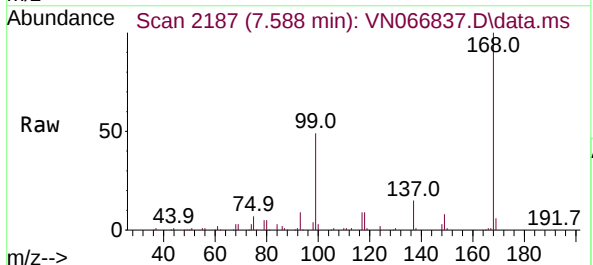
Instrument :
MSVOA_N
ClientSampleId :

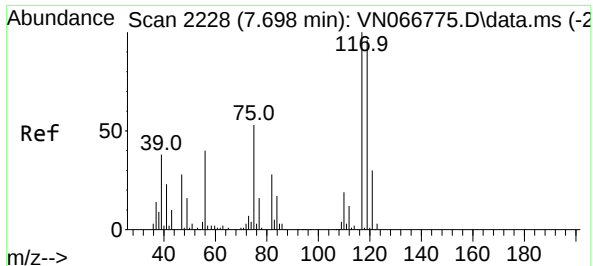
Tgt Ion:113 Resp: 147033
Ion Ratio Lower Upper
113 100
111 101.3 82.2 123.2
192 21.7 15.4 23.0



#36
1,1-Dichloropropene
Concen: 4.66 ug/l
RT: 7.588 min Scan# 2187
Delta R.T. -0.129 min
Lab File: VN066837.D
Acq: 29 Apr 2021 2:06

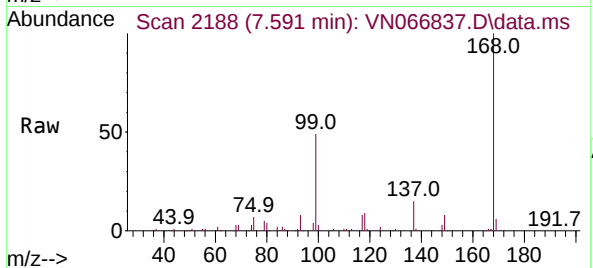
Tgt Ion: 75 Resp: 19774
Ion Ratio Lower Upper
75 100
110 8.6 18.2 54.6#
77 0.0 24.9 37.3#



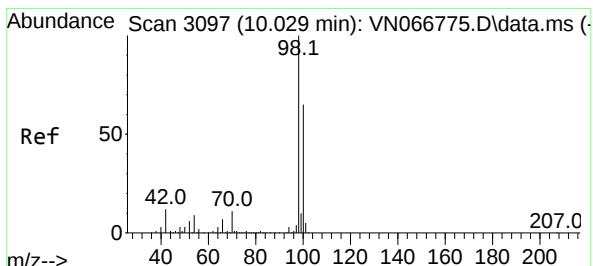
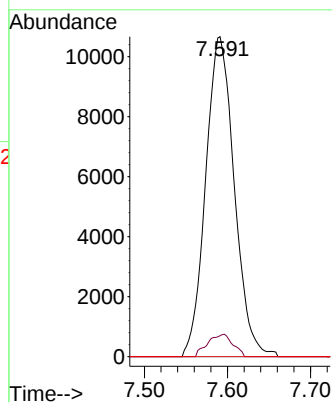
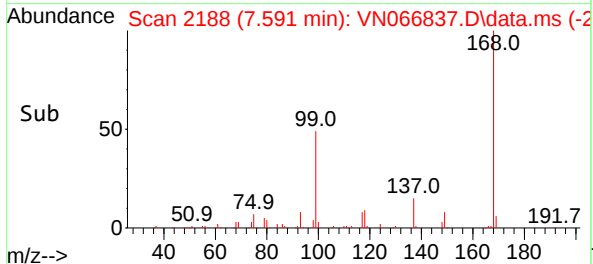


#38
Carbon Tetrachloride
Concen: 6.28 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. -0.107 min
Lab File: VN066837.D
Acq: 29 Apr 2021 2:06

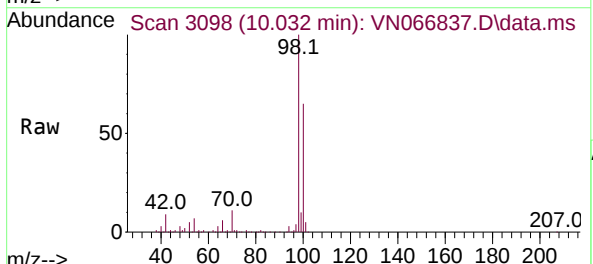
Instrument :
MSVOA_N
ClientSampleId :



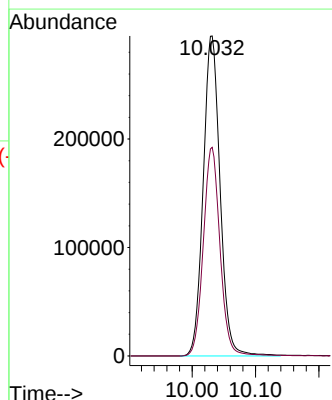
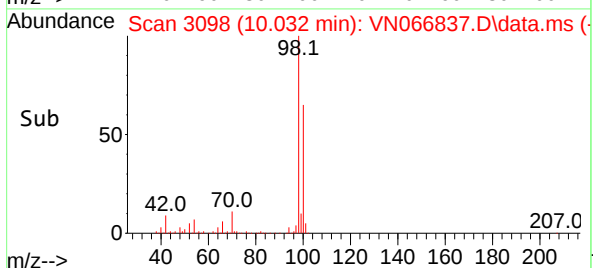
Tgt Ion:117 Resp: 25561
Ion Ratio Lower Upper
117 100
119 6.6 76.0 114.0#
121 0.0 24.5 36.7#

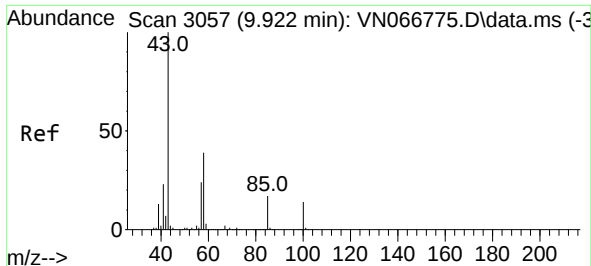


#50
Toluene-d8
Concen: 49.41 ug/l
RT: 10.032 min Scan# 3098
Delta R.T. 0.003 min
Lab File: VN066837.D
Acq: 29 Apr 2021 2:06



Tgt Ion: 98 Resp: 546972
Ion Ratio Lower Upper
98 100
100 64.3 50.5 75.7

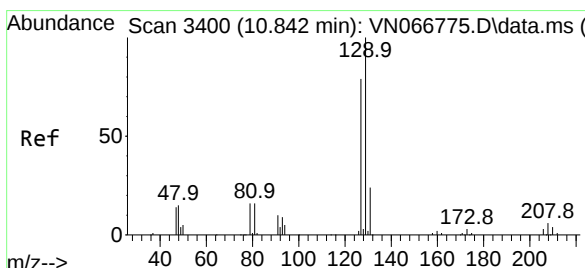
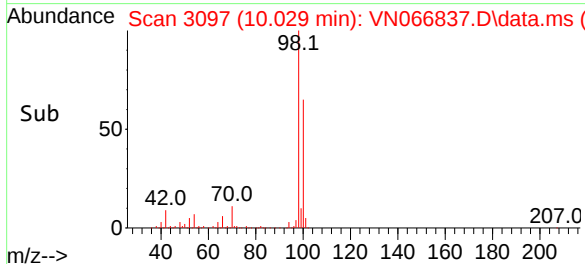
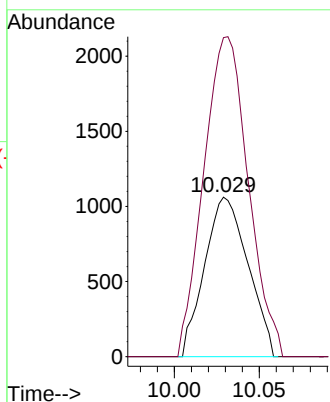
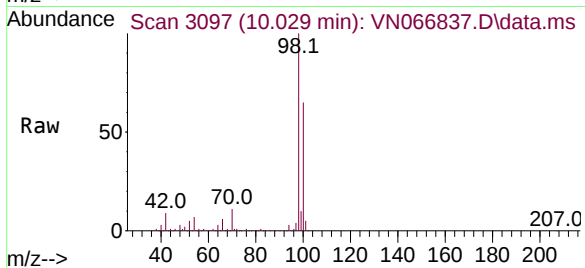




#51
4-Methyl-2-Pentanone
Concen: 0.48 ug/l
RT: 10.029 min Scan# 3097
Delta R.T. 0.107 min
Lab File: VN066837.D
Acq: 29 Apr 2021 2:06

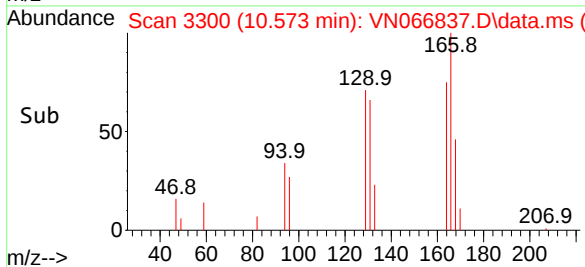
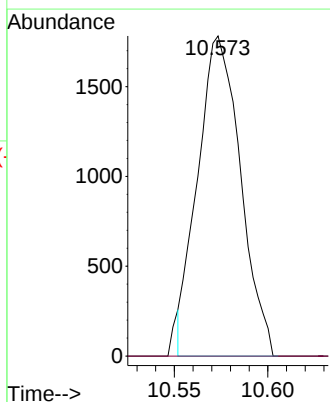
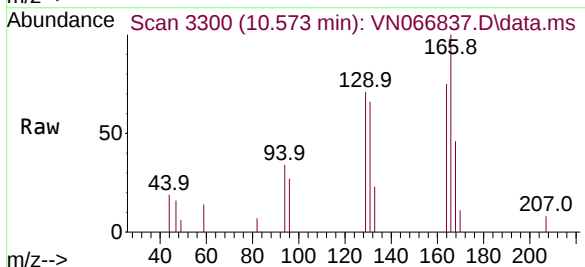
Instrument :
MSVOA_N
ClientSampled :

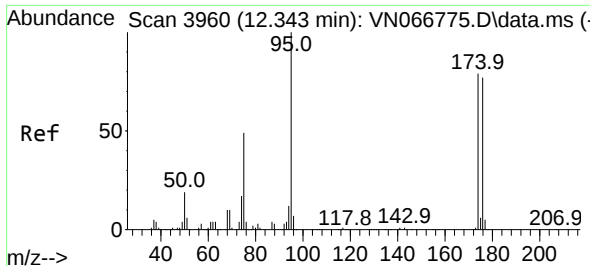
Tgt Ion: 43 Resp: 1887
Ion Ratio Lower Upper
43 100
58 205.8 32.5 48.7#



#60
Dibromochloromethane
Concen: 0.85 ug/l
RT: 10.573 min Scan# 3300
Delta R.T. -0.269 min
Lab File: VN066837.D
Acq: 29 Apr 2021 2:06

Tgt Ion: 129 Resp: 2835
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#

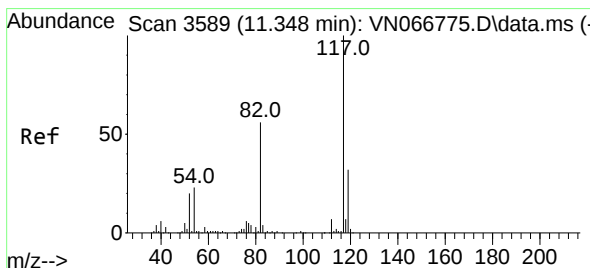
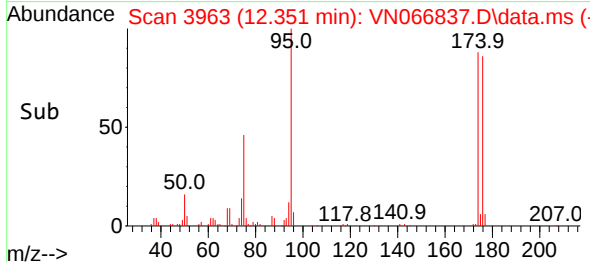
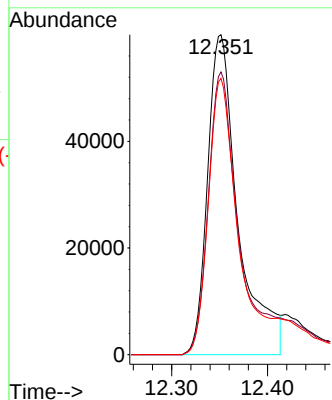
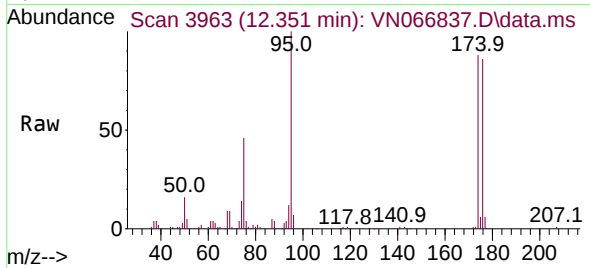




#62
4-Bromofluorobenzene
Concen: 35.62 ug/l
RT: 12.351 min Scan# 3963
Delta R.T. 0.008 min
Lab File: VN066837.D
Acq: 29 Apr 2021 2:06

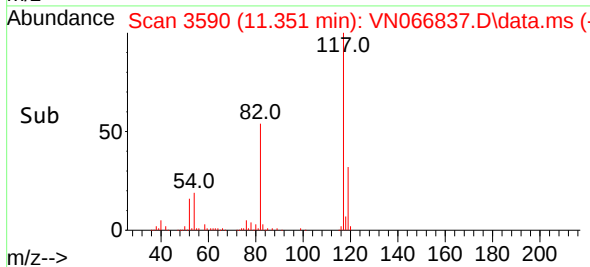
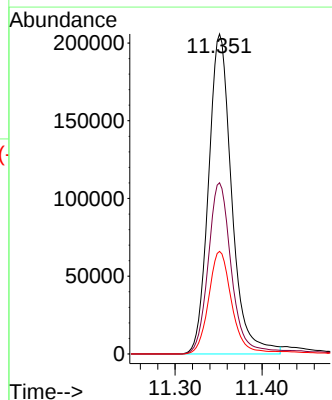
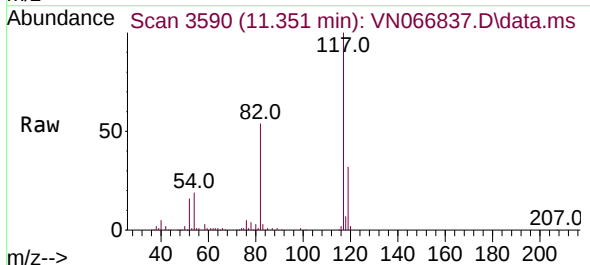
Instrument :
MSVOA_N
ClientSampleId :

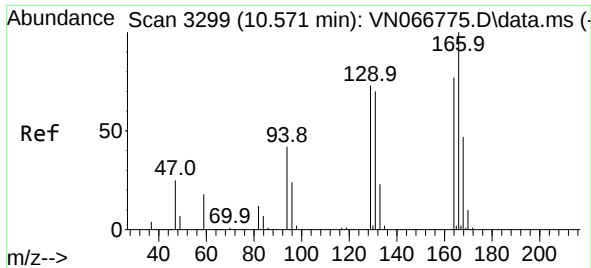
Tgt Ion: 95 Resp: 133418
Ion Ratio Lower Upper
95 100
174 100.0 0.0 169.0
176 82.8 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.351 min Scan# 3590
Delta R.T. 0.003 min
Lab File: VN066837.D
Acq: 29 Apr 2021 2:06

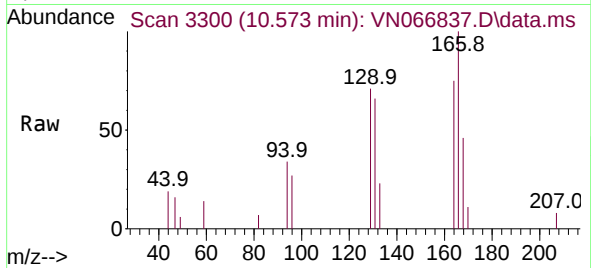
Tgt Ion: 117 Resp: 382047
Ion Ratio Lower Upper
117 100
82 53.5 43.7 65.5
119 32.1 26.1 39.1



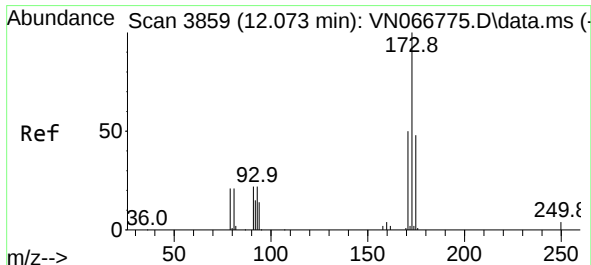
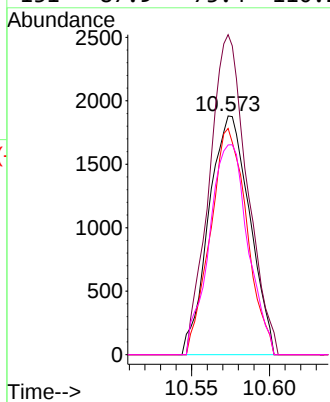
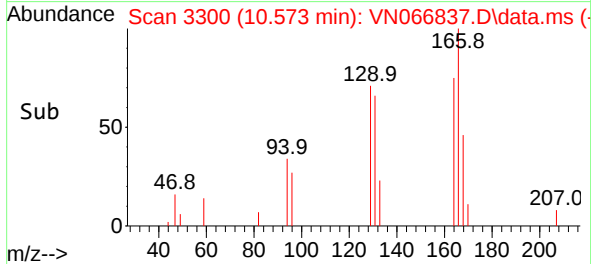


#64
Tetrachloroethene
Concen: 1.35 ug/l
RT: 10.573 min Scan# 3300
Delta R.T. 0.002 min
Lab File: VN066837.D
Acq: 29 Apr 2021 2:06

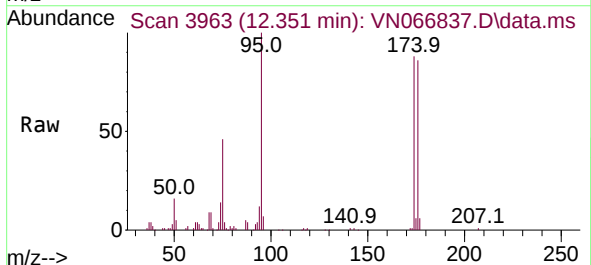
Instrument :
MSVOA_N
ClientSampled :



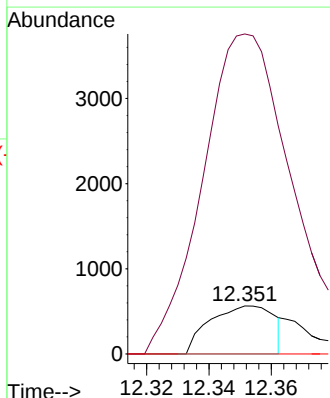
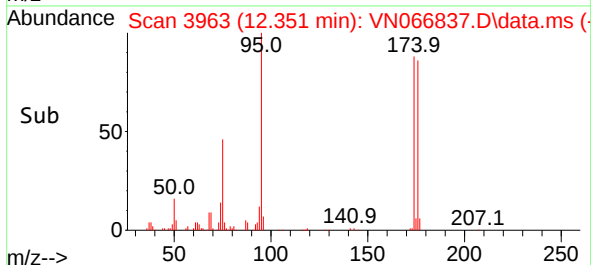
Tgt Ion:164 Resp: 3419
Ion Ratio Lower Upper
164 100
166 134.1 102.6 154.0
129 94.8 76.2 114.4
131 87.9 73.4 110.2

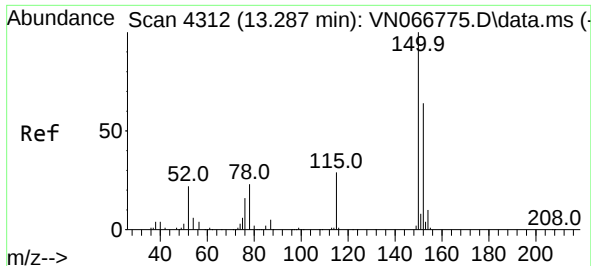


#71
Bromoform
Concen: 0.39 ug/l
RT: 12.351 min Scan# 3963
Delta R.T. 0.278 min
Lab File: VN066837.D
Acq: 29 Apr 2021 2:06



Tgt Ion:173 Resp: 809
Ion Ratio Lower Upper
173 100
175 728.7 23.8 71.2#
254 0.0 0.0 0.0

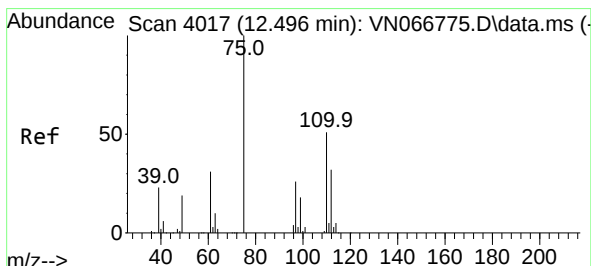
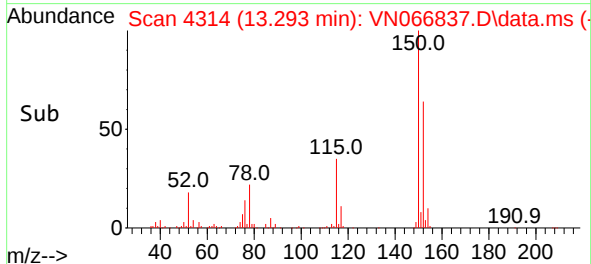
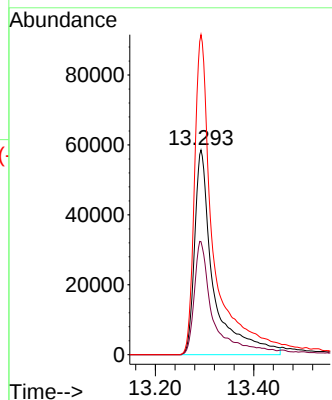
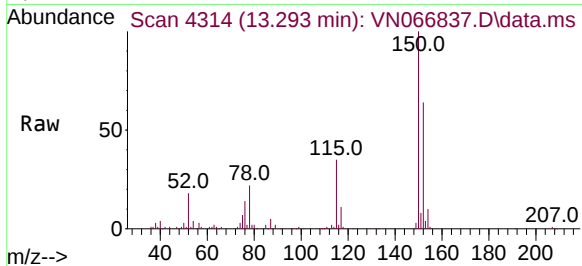




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.293 min Scan# 4314
Delta R.T. 0.005 min
Lab File: VN066837.D
Acq: 29 Apr 2021 2:06

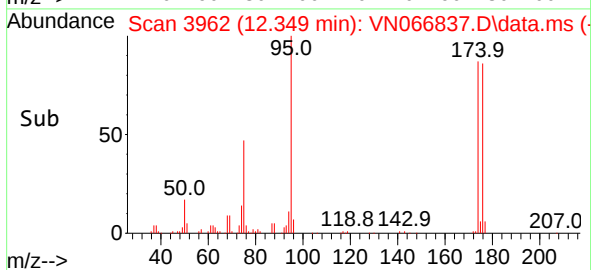
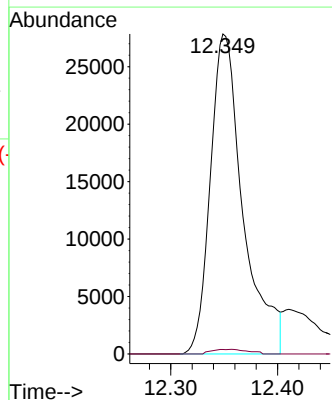
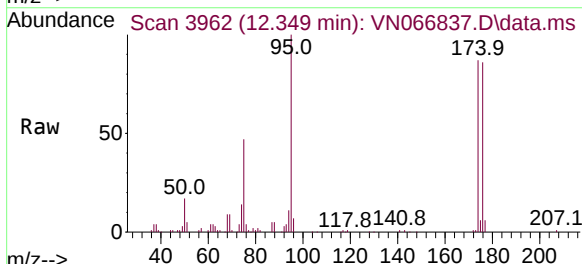
Instrument :
MSVOA_N
ClientSampled :

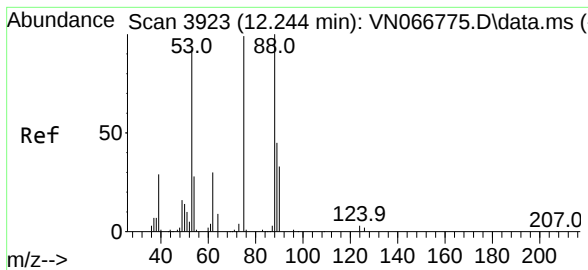
Tgt Ion:152 Resp: 156671
Ion Ratio Lower Upper
152 100
115 54.7 28.5 85.6
150 160.8 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 17.95 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. -0.147 min
Lab File: VN066837.D
Acq: 29 Apr 2021 2:06

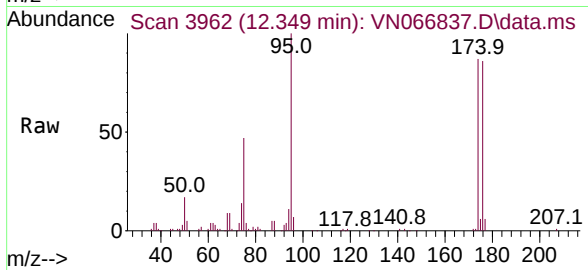
Tgt Ion: 75 Resp: 59262
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 50.13 ug/l
 RT: 12.349 min Scan# 3962
 Delta R.T. 0.105 min
 Lab File: VN066837.D
 Acq: 29 Apr 2021 2:06

Instrument :
 MSVOA_N
 ClientSampleId :



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

