

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042921\
 Data File : VN066871.D
 Acq On : 29 Apr 2021 18:51
 Operator : JC/MD
 Sample : M2137-08
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 30 06:16:23 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)

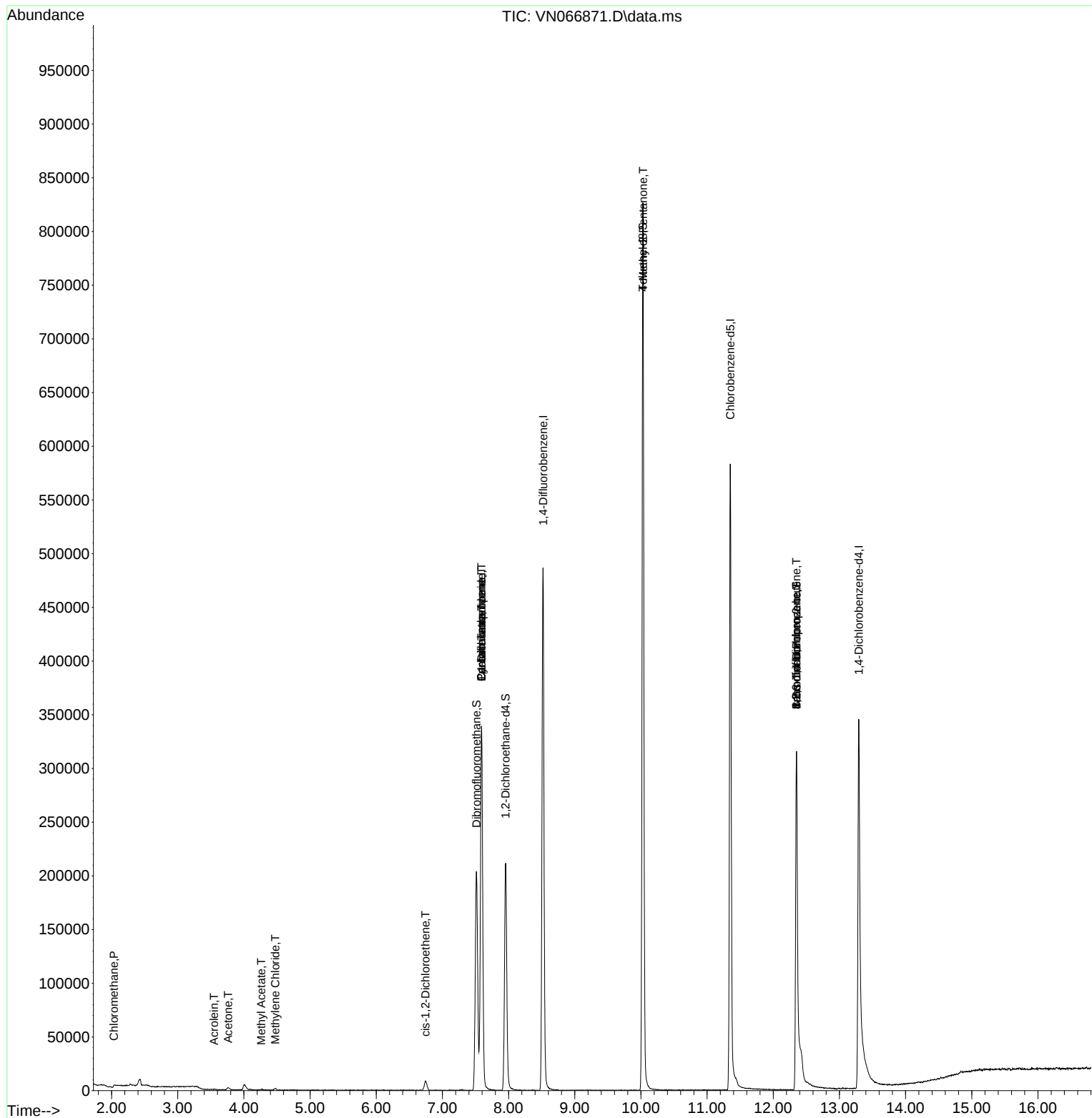
Internal Standards						
1) Pentafluorobenzene	7.591	168	305133	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.522	114	464885	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.351	117	405991	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.293	152	165549	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.956	65	183102	46.70	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.40%
35) Dibromofluoromethane	7.516	113	165123	57.54	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	115.08%
50) Toluene-d8	10.029	98	600782	53.34	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	106.68%
62) 4-Bromofluorobenzene	12.349	95	165421	43.40	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	86.80%
Target Compounds						
					Qvalue	
3) Chloromethane	2.037	50	976	0.22	ug/l #	85
13) Acrolein	3.549	56	442	0.88	ug/l	87
16) Acetone	3.761	43	3491	2.36	ug/l	90
18) Methyl Acetate	4.263	43	1839	1.56	ug/l #	61
20) Methylene Chloride	4.475	84	886	0.24	ug/l #	84
27) cis-1,2-Dichloroethene	6.744	96	6216	1.64	ug/l	75
31) Cyclohexane	7.591	56	4865	0.80	ug/l #	1
36) 1,1-Dichloropropene	7.591	75	19306	4.47	ug/l #	49
38) Carbon Tetrachloride	7.591	117	25658	6.19	ug/l #	17
51) 4-Methyl-2-Pentanone	10.032	43	2039	0.51	ug/l #	1
71) Bromoform	12.349	173	1018	0.46	ug/l #	1
76) 1,2,3-Trichloropropane	12.349	75	70014	20.07	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.349	75	70014	55.21	ug/l #	12

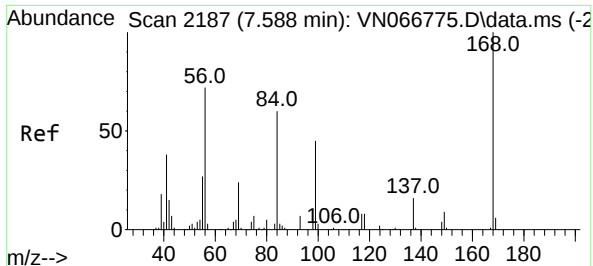
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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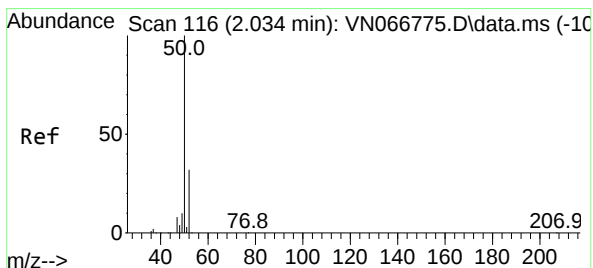
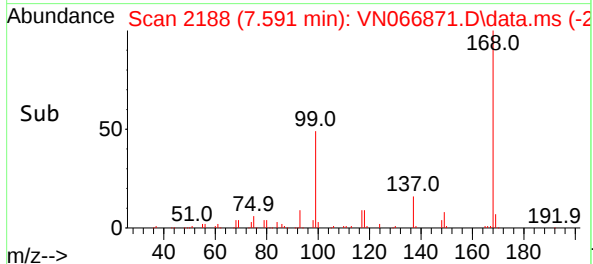
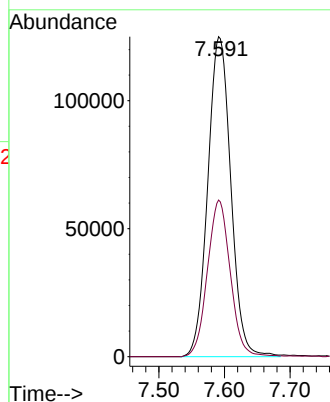
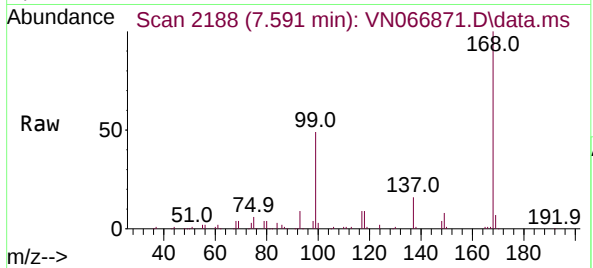




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. 0.003 min
Lab File: VN066871.D
Acq: 29 Apr 2021 18:51

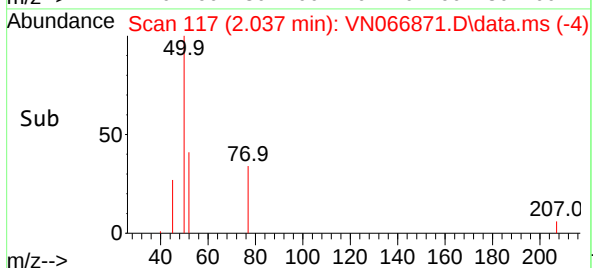
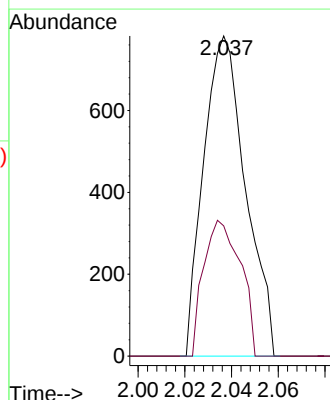
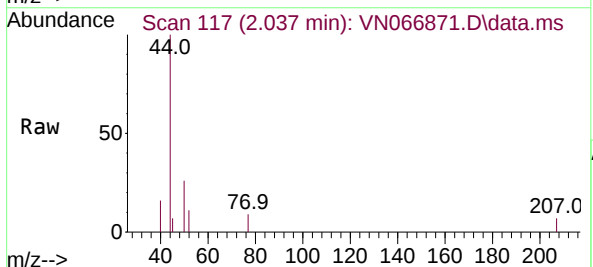
Instrument :
MSVOA_N
ClientSampled :

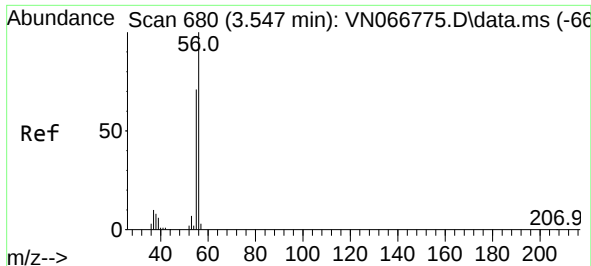
Tgt Ion:168 Resp: 305133
Ion Ratio Lower Upper
168 100
99 48.9 42.6 63.8



#3
Chloromethane
Concen: 0.22 ug/l
RT: 2.037 min Scan# 117
Delta R.T. 0.003 min
Lab File: VN066871.D
Acq: 29 Apr 2021 18:51

Tgt Ion: 50 Resp: 976
Ion Ratio Lower Upper
50 100
52 40.7 25.8 38.8#

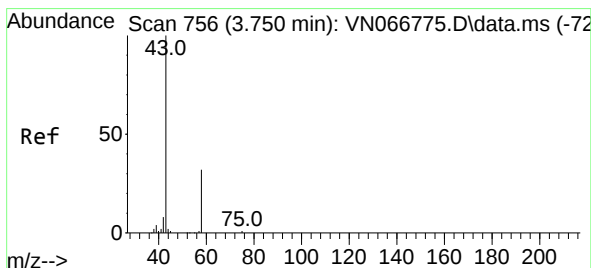
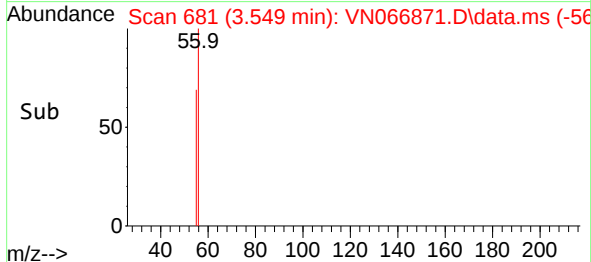
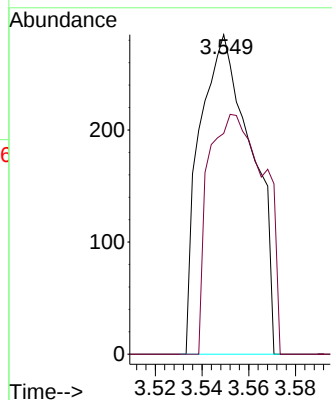
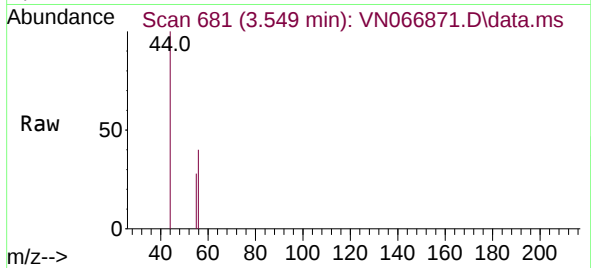




#13
Acrolein
Concen: 0.88 ug/l
RT: 3.549 min Scan# 681
Delta R.T. 0.002 min
Lab File: VN066871.D
Acq: 29 Apr 2021 18:51

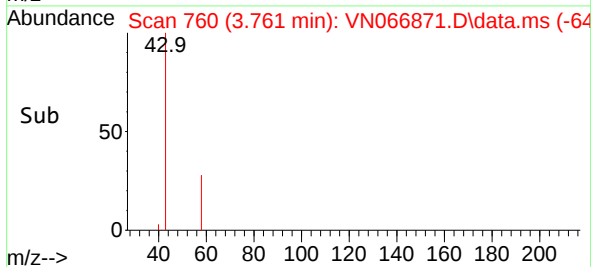
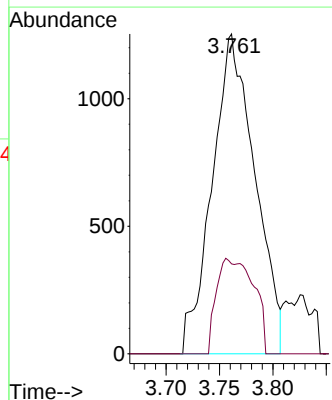
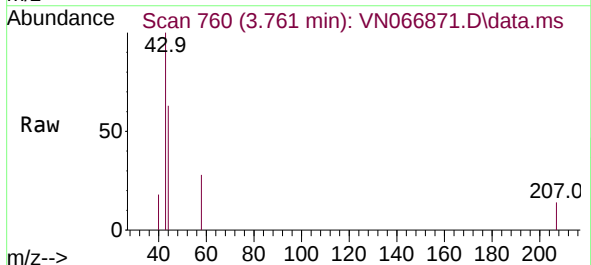
Instrument :
MSVOA_N
ClientSampled :

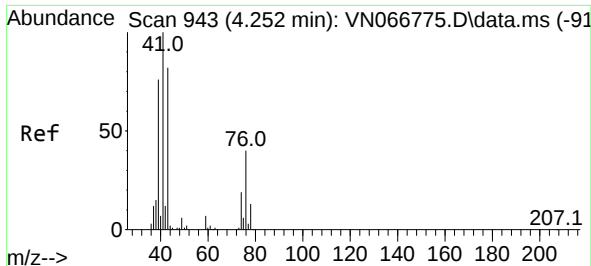
Tgt Ion: 56 Resp: 442
Ion Ratio Lower Upper
56 100
55 80.3 56.0 84.0



#16
Acetone
Concen: 2.36 ug/l
RT: 3.761 min Scan# 760
Delta R.T. 0.011 min
Lab File: VN066871.D
Acq: 29 Apr 2021 18:51

Tgt Ion: 43 Resp: 3491
Ion Ratio Lower Upper
43 100
58 28.1 27.0 40.6





#18

Methyl Acetate

Concen: 1.56 ug/l

RT: 4.263 min Scan# 947

Delta R.T. 0.011 min

Lab File: VN066871.D

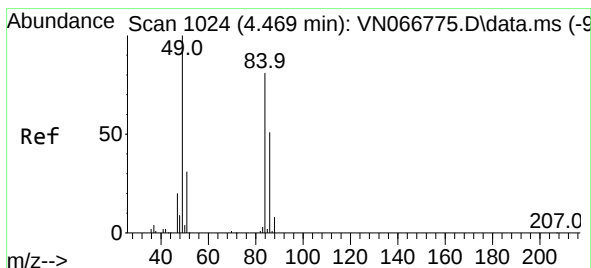
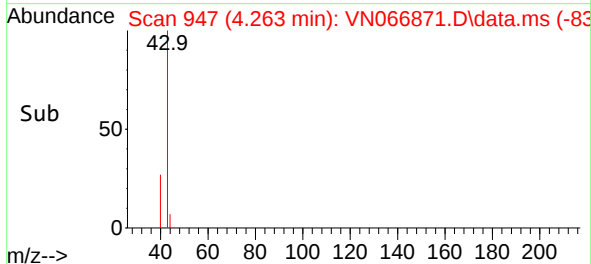
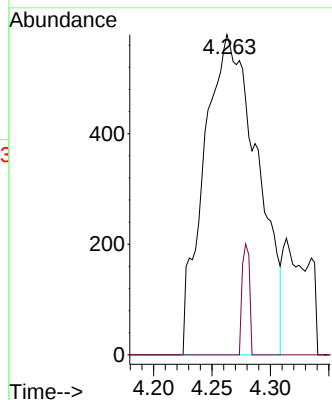
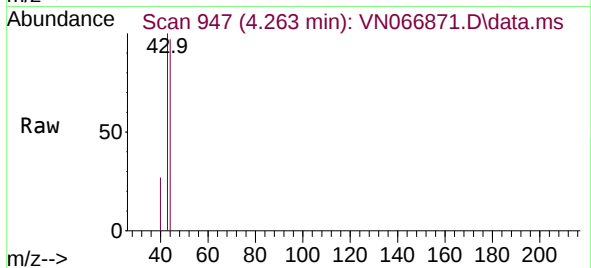
Acq: 29 Apr 2021 18:51

Tgt Ion: 43 Resp: 1839

Ion Ratio Lower Upper

43 100

74 4.8 19.5 29.3#



#20

Methylene Chloride

Concen: 0.24 ug/l

RT: 4.475 min Scan# 1026

Delta R.T. 0.006 min

Lab File: VN066871.D

Acq: 29 Apr 2021 18:51

Tgt Ion: 84 Resp: 886

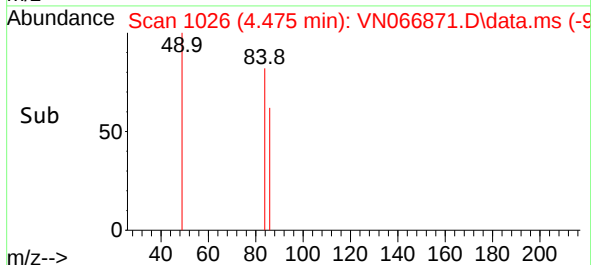
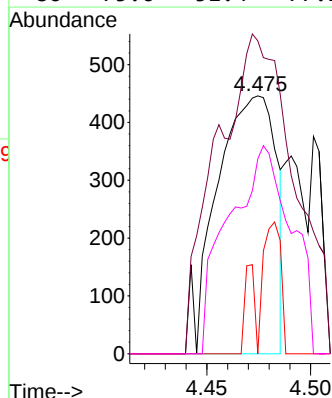
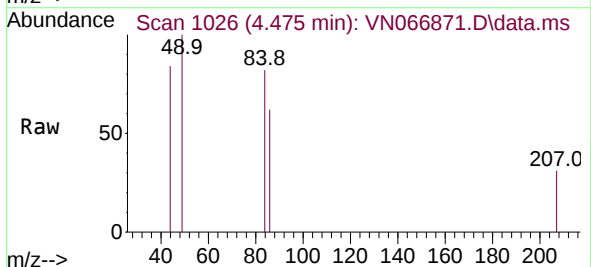
Ion Ratio Lower Upper

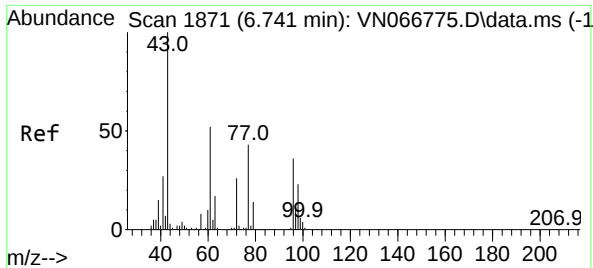
84 100

49 121.3 94.6 141.8

51 0.0 29.9 44.9#

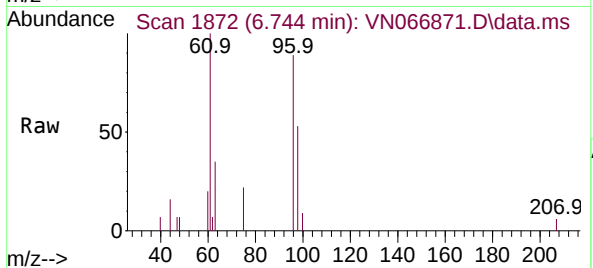
86 75.6 51.4 77.2



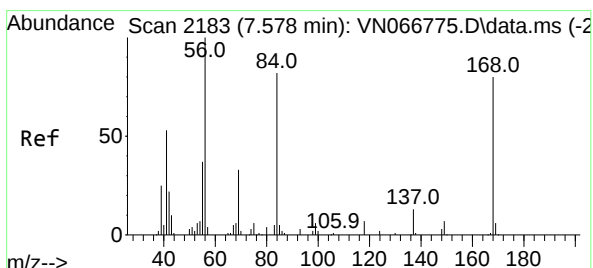
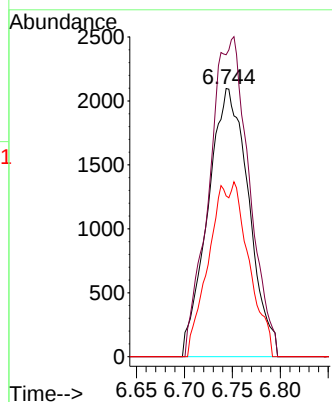
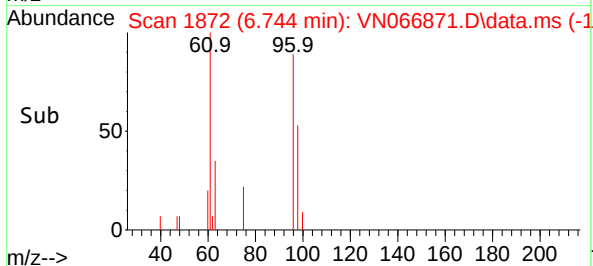


#27
 cis-1,2-Dichloroethene
 Concen: 1.64 ug/l
 RT: 6.744 min Scan# 1872
 Delta R.T. 0.003 min
 Lab File: VN066871.D
 Acq: 29 Apr 2021 18:51

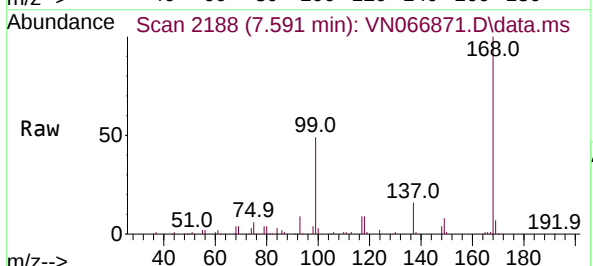
Instrument :
 MSVOA_N
 ClientSampled :



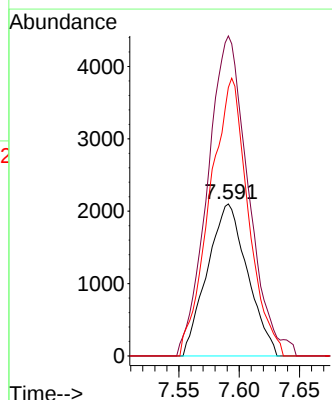
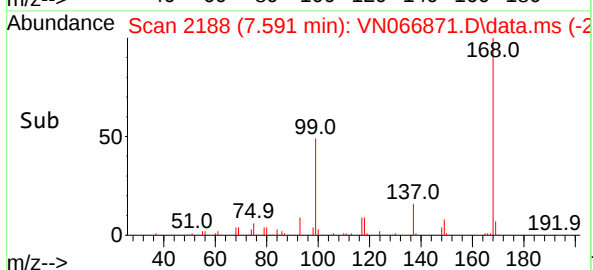
Tgt Ion:	96	Resp:	6216
Ion	Ratio	Lower	Upper
96	100		
61	116.7	0.0	276.8
98	33.2	0.0	129.4

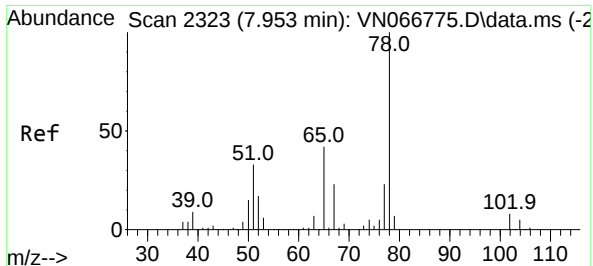


#31
 Cyclohexane
 Concen: 0.80 ug/l
 RT: 7.591 min Scan# 2188
 Delta R.T. 0.013 min
 Lab File: VN066871.D
 Acq: 29 Apr 2021 18:51



Tgt Ion:	56	Resp:	4865
Ion	Ratio	Lower	Upper
56	100		
69	202.4	26.6	39.8#
84	176.7	70.4	105.6#



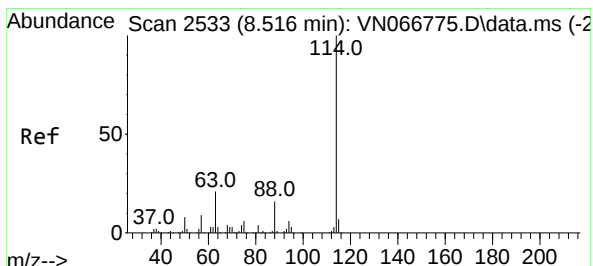
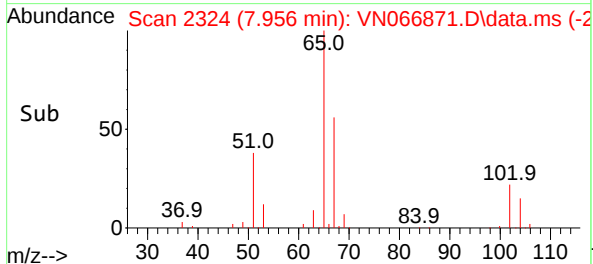
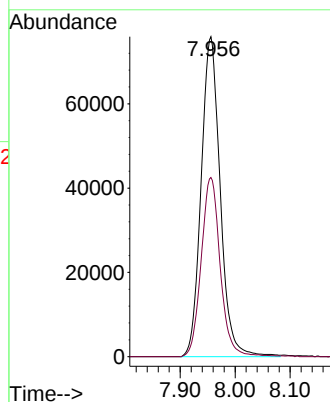
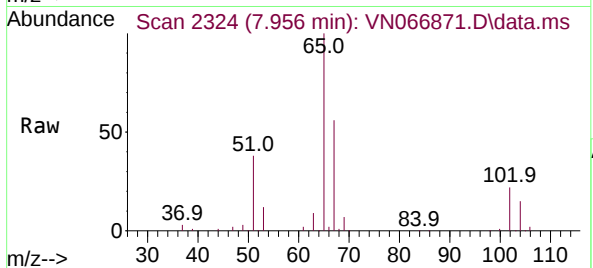


#33

1,2-Dichloroethane-d4
Concen: 46.70 ug/l
RT: 7.956 min Scan# 2324
Delta R.T. 0.003 min
Lab File: VN066871.D
Acq: 29 Apr 2021 18:51

Instrument :
MSVOA_N
ClientSampled :

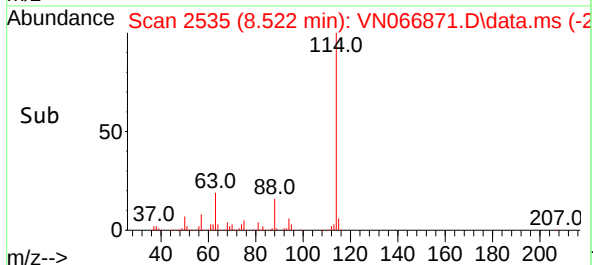
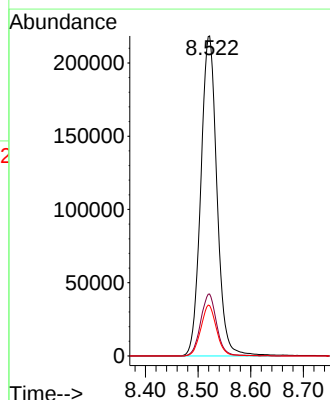
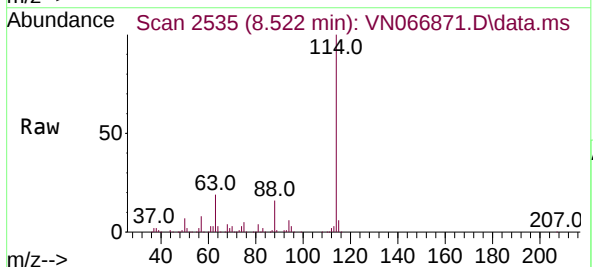
Tgt Ion: 65 Resp: 183102
Ion Ratio Lower Upper
65 100
67 55.8 0.0 107.2

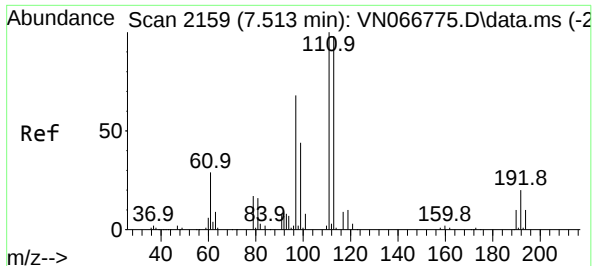


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.522 min Scan# 2535
Delta R.T. 0.006 min
Lab File: VN066871.D
Acq: 29 Apr 2021 18:51

Tgt Ion: 114 Resp: 464885
Ion Ratio Lower Upper
114 100
63 19.3 0.0 38.6
88 15.8 0.0 30.6

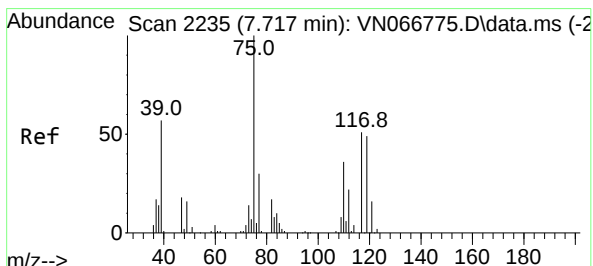
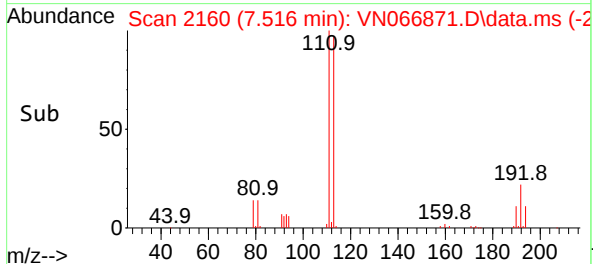
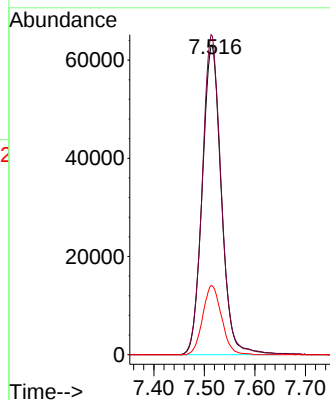
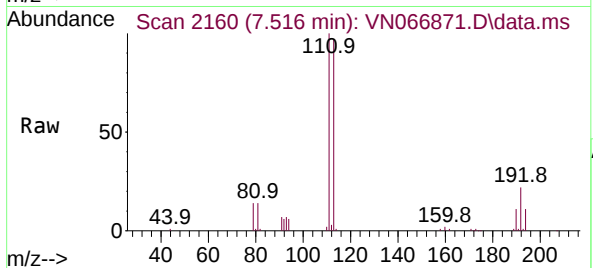




#35
Dibromofluoromethane
Concen: 57.54 ug/l
RT: 7.516 min Scan# 2160
Delta R.T. 0.003 min
Lab File: VN066871.D
Acq: 29 Apr 2021 18:51

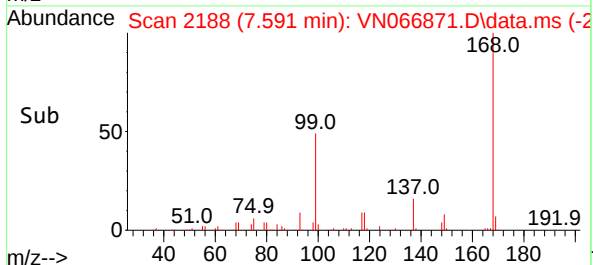
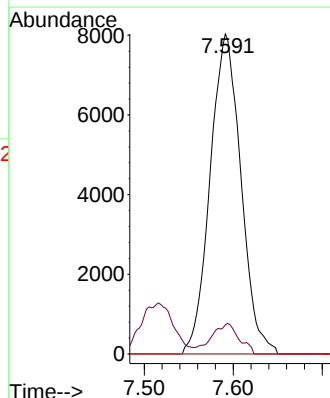
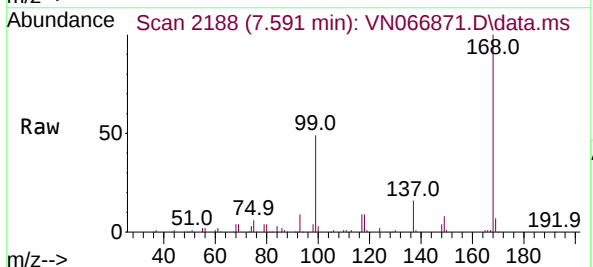
Instrument :
MSVOA_N
ClientSampleId :

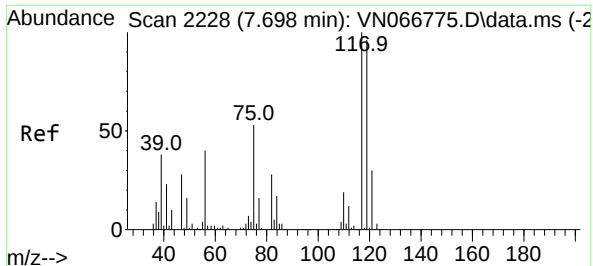
Tgt Ion:113 Resp: 165123
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.2
192 22.1 15.4 23.0



#36
1,1-Dichloropropene
Concen: 4.47 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. -0.126 min
Lab File: VN066871.D
Acq: 29 Apr 2021 18:51

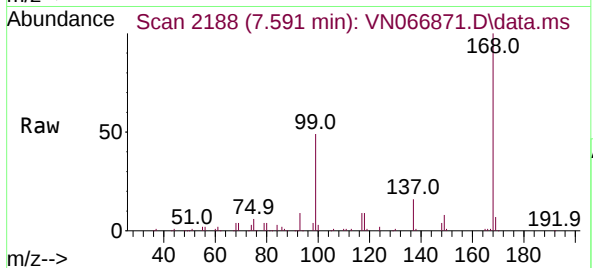
Tgt Ion: 75 Resp: 19306
Ion Ratio Lower Upper
75 100
110 8.6 18.2 54.6#
77 0.0 24.9 37.3#



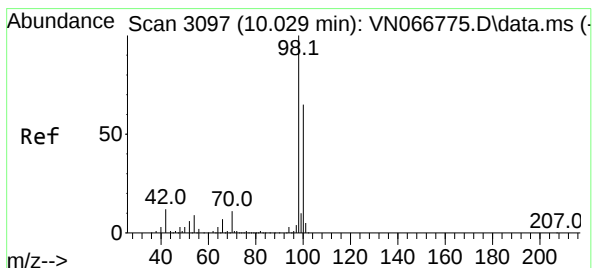
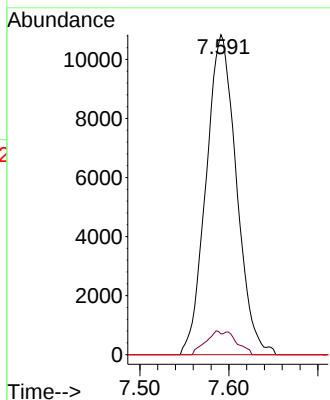
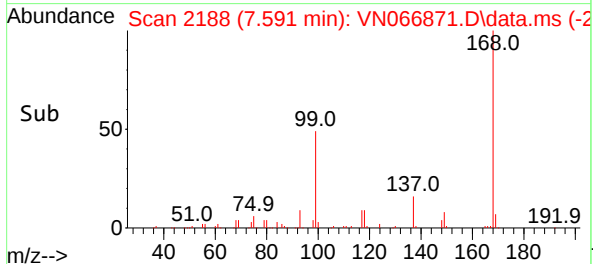


#38
Carbon Tetrachloride
Concen: 6.19 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. -0.107 min
Lab File: VN066871.D
Acq: 29 Apr 2021 18:51

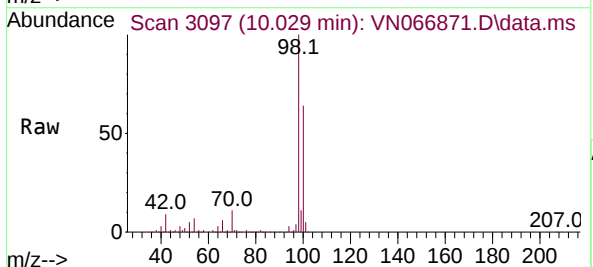
Instrument :
MSVOA_N
ClientSampled :



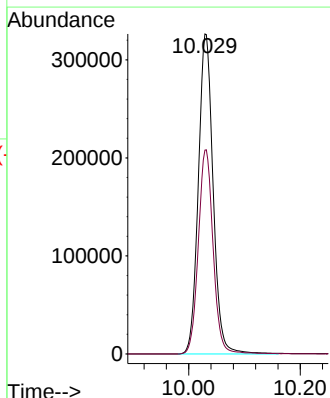
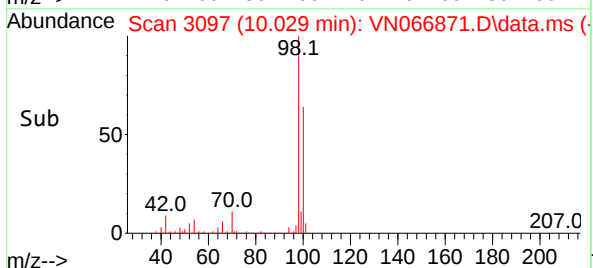
Tgt Ion:117 Resp: 25658
Ion Ratio Lower Upper
117 100
119 6.5 76.0 114.0#
121 0.0 24.5 36.7#

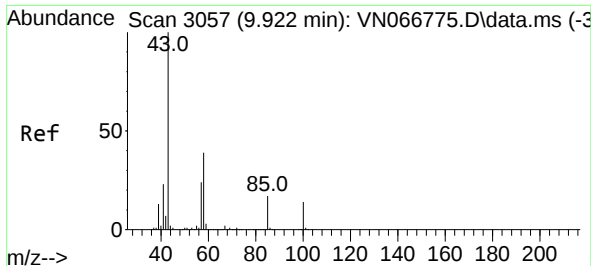


#50
Toluene-d8
Concen: 53.34 ug/l
RT: 10.029 min Scan# 3097
Delta R.T. -0.000 min
Lab File: VN066871.D
Acq: 29 Apr 2021 18:51



Tgt Ion: 98 Resp: 600782
Ion Ratio Lower Upper
98 100
100 63.9 50.5 75.7

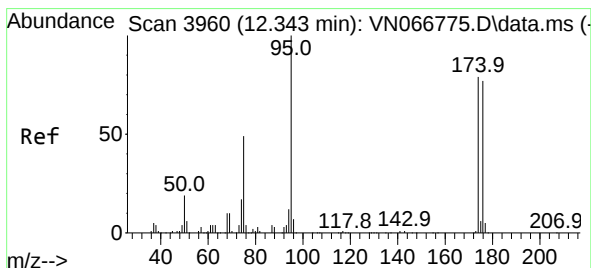
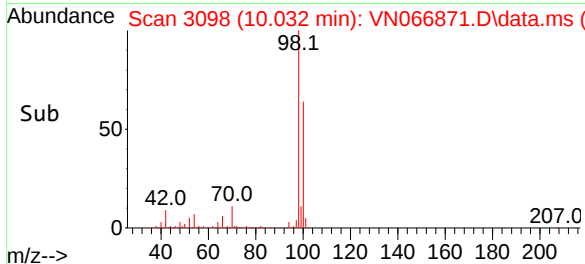
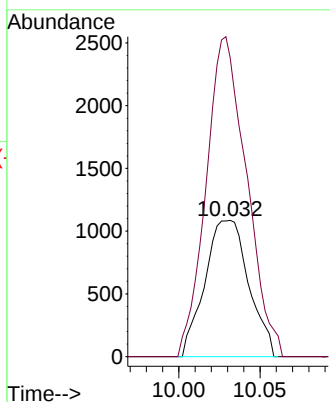
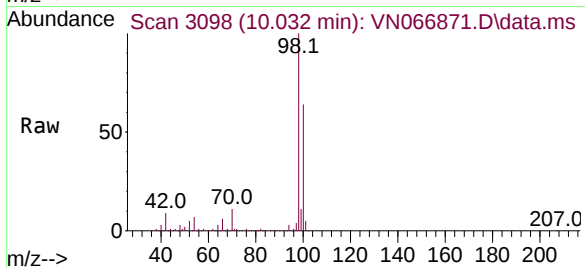




#51
4-Methyl-2-Pentanone
Concen: 0.51 ug/l
RT: 10.032 min Scan# 3098
Delta R.T. 0.110 min
Lab File: VN066871.D
Acq: 29 Apr 2021 18:51

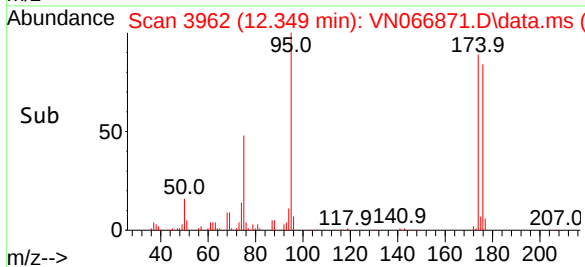
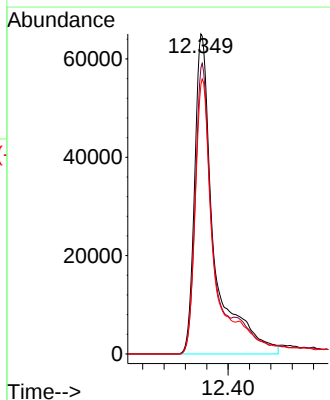
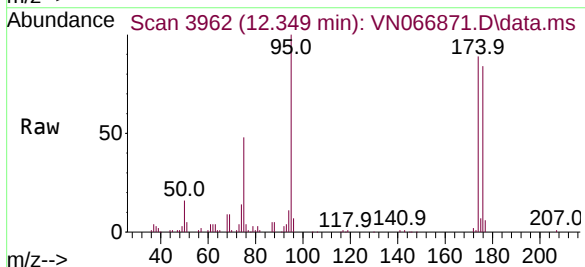
Instrument :
MSVOA_N
ClientSampled :

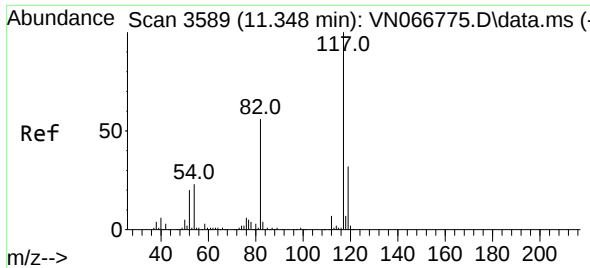
Tgt Ion: 43 Resp: 2039
Ion Ratio Lower Upper
43 100
58 216.4 32.5 48.7#



#62
4-Bromofluorobenzene
Concen: 43.40 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. 0.006 min
Lab File: VN066871.D
Acq: 29 Apr 2021 18:51

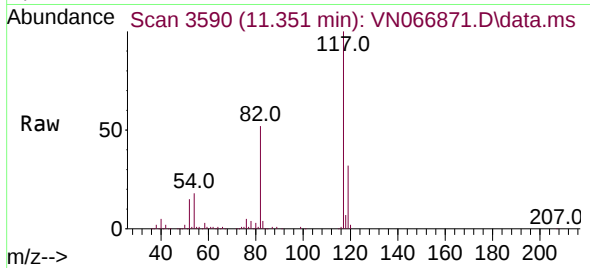
Tgt Ion: 95 Resp: 165421
Ion Ratio Lower Upper
95 100
174 75.7 0.0 169.0
176 74.5 0.0 162.4



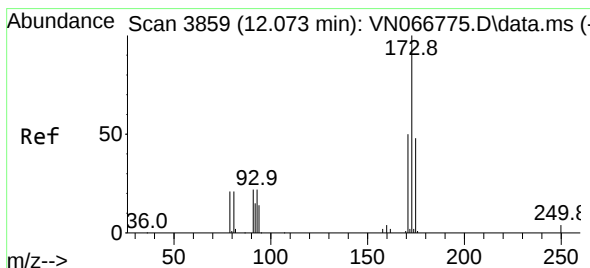
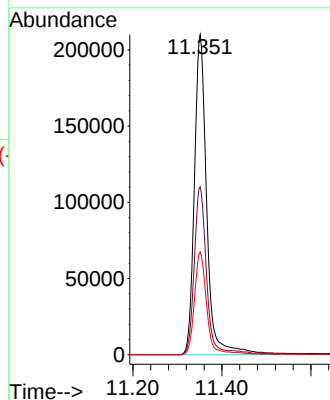
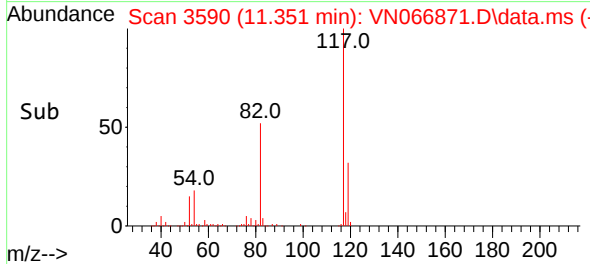


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.351 min Scan# 3590
Delta R.T. 0.003 min
Lab File: VN066871.D
Acq: 29 Apr 2021 18:51

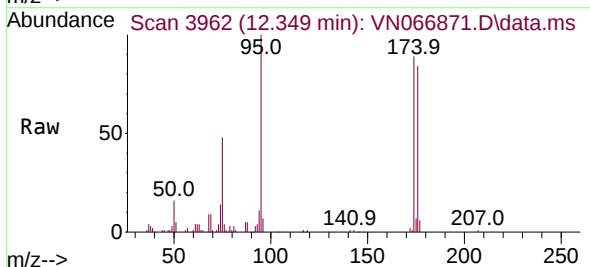
Instrument :
MSVOA_N
ClientSampleId :



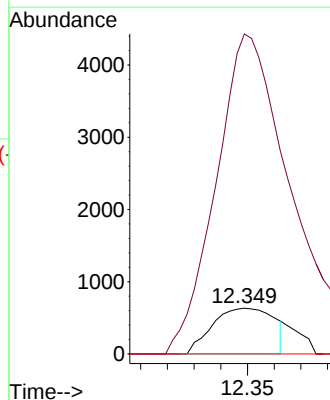
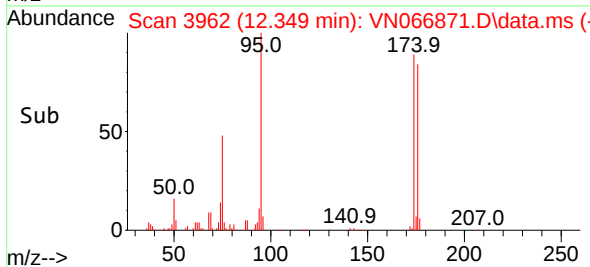
Tgt Ion:117 Resp: 405991
Ion Ratio Lower Upper
117 100
82 52.4 43.7 65.5
119 32.0 26.1 39.1

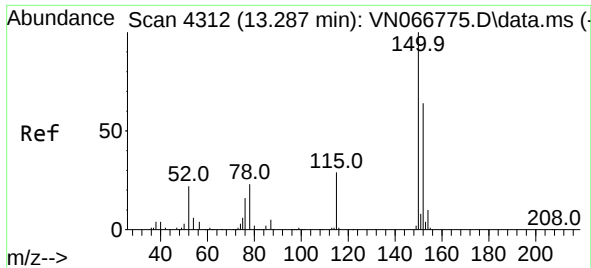


#71
Bromoform
Concen: 0.46 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. 0.276 min
Lab File: VN066871.D
Acq: 29 Apr 2021 18:51



Tgt Ion:173 Resp: 1018
Ion Ratio Lower Upper
173 100
175 646.5 23.8 71.2#
254 0.0 0.0 0.0

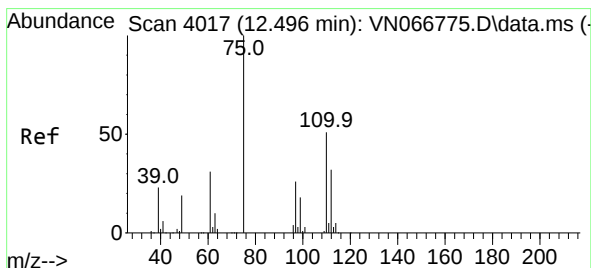
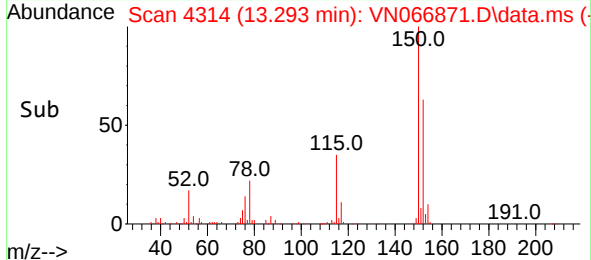
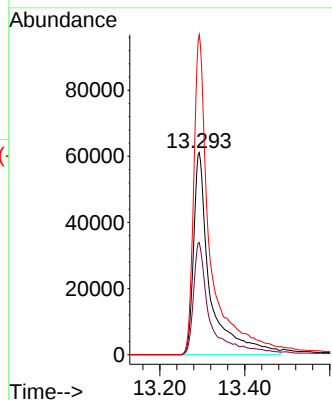
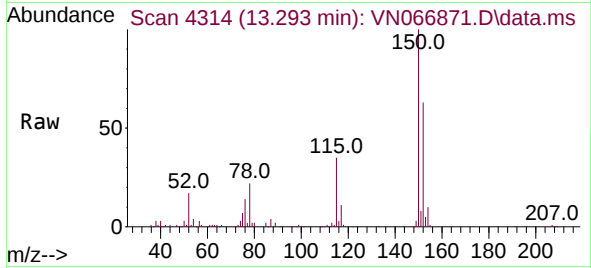




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.293 min Scan# 4314
Delta R.T. 0.005 min
Lab File: VN066871.D
Acq: 29 Apr 2021 18:51

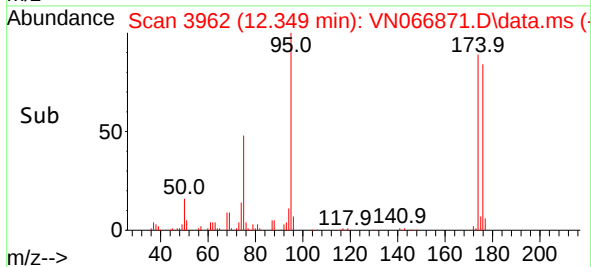
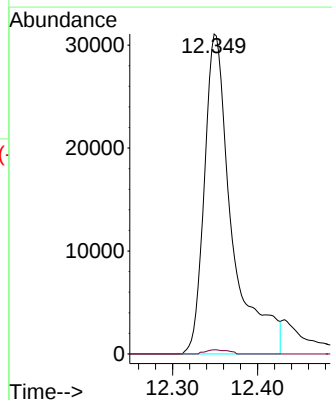
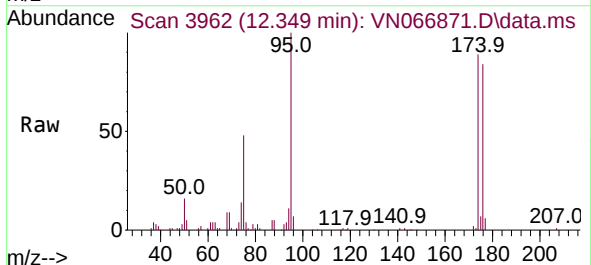
Instrument :
MSVOA_N
ClientSampleId :

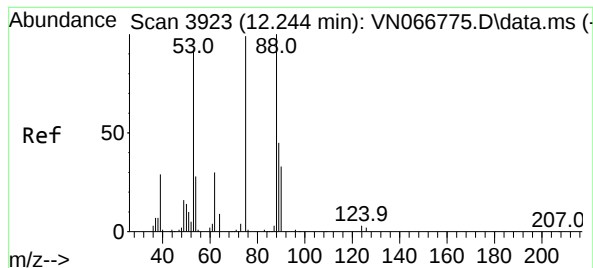
Tgt Ion:152 Resp: 165549
Ion Ratio Lower Upper
152 100
115 50.6 28.5 85.6
150 157.1 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 20.07 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. -0.147 min
Lab File: VN066871.D
Acq: 29 Apr 2021 18:51

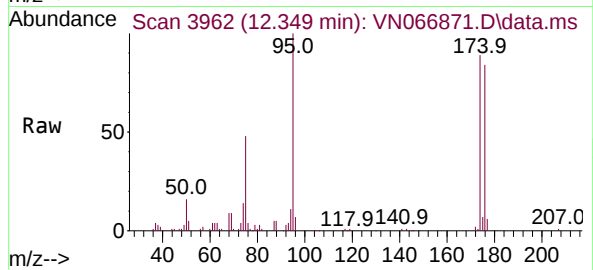
Tgt Ion: 75 Resp: 70014
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 55.21 ug/l
 RT: 12.349 min Scan# 3962
 Delta R.T. 0.105 min
 Lab File: VN066871.D
 Acq: 29 Apr 2021 18:51

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#

