

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042921\
 Data File : VN066875.D
 Acq On : 29 Apr 2021 20:28
 Operator : JC/MD
 Sample : M2137-13
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

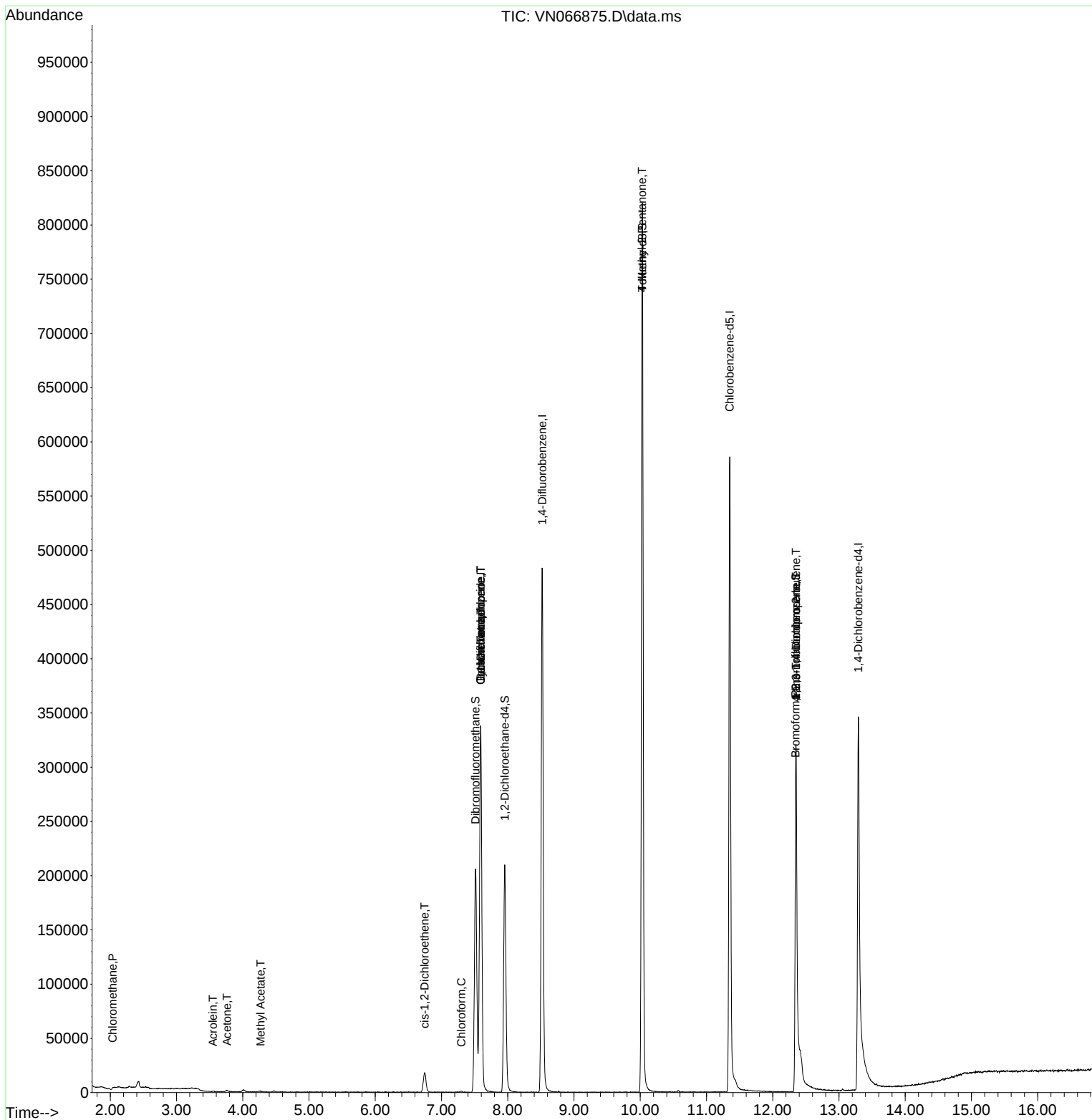
Quant Time: Apr 30 06:16:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 27 16:02:50 2021
 Response via : Initial Calibration

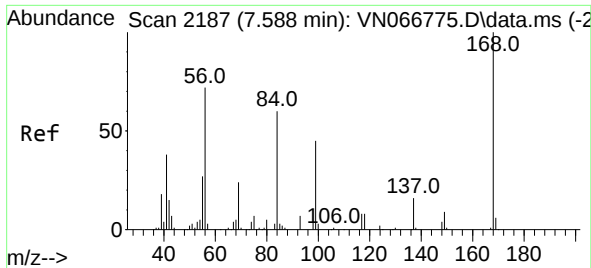
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.591	168	305287	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.522	114	459991	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.351	117	390560	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.293	152	161027	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.956	65	181939	46.38	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	92.76%		
35) Dibromofluoromethane	7.513	113	165856	58.41	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	116.82%		
50) Toluene-d8	10.031	98	598583	53.71	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	107.42%		
62) 4-Bromofluorobenzene	12.349	95	144221	38.24	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	76.48%		
Target Compounds						
3) Chloromethane	2.037	50	916	0.21	ug/l	98
13) Acrolein	3.549	56	359	0.71	ug/l #	70
16) Acetone	3.761	43	2696	1.82	ug/l	97
18) Methyl Acetate	4.268	43	1623	1.51	ug/l #	54
27) cis-1,2-Dichloroethene	6.743	96	13907	3.66	ug/l	89
30) Chloroform	7.299	83	1302	0.21	ug/l	84
31) Cyclohexane	7.594	56	4777	0.79	ug/l #	1
36) 1,1-Dichloropropene	7.591	75	20021	4.68	ug/l #	48
38) Carbon Tetrachloride	7.594	117	25546	6.23	ug/l #	17
51) 4-Methyl-2-Pentanone	10.029	43	2030	0.52	ug/l #	1
71) Bromoform	12.343	173	1022	0.48	ug/l #	1
76) 1,2,3-Trichloropropane	12.351	75	63557	18.73	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.351	75	63557	52.00	ug/l #	12

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

Quant Time: Apr 30 06:16:59 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

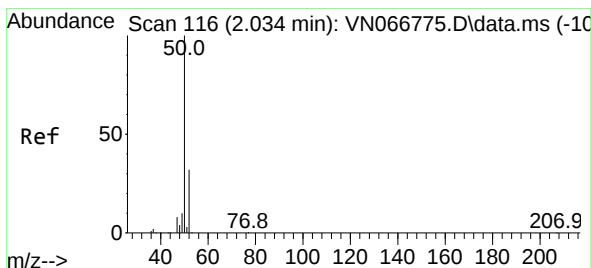
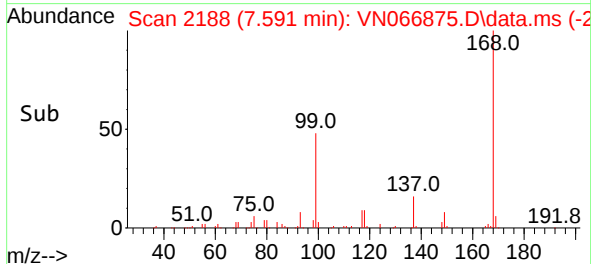
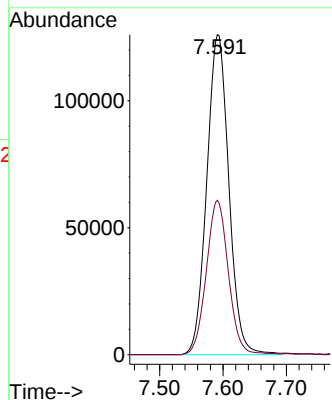
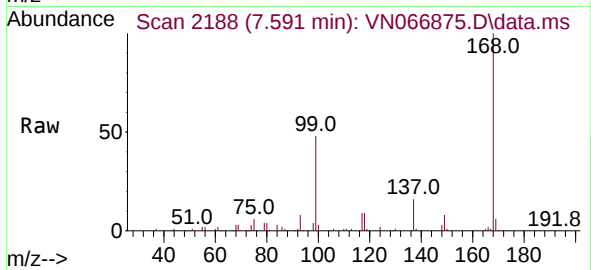




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. 0.003 min
Lab File: VN066875.D
Acq: 29 Apr 2021 20:28

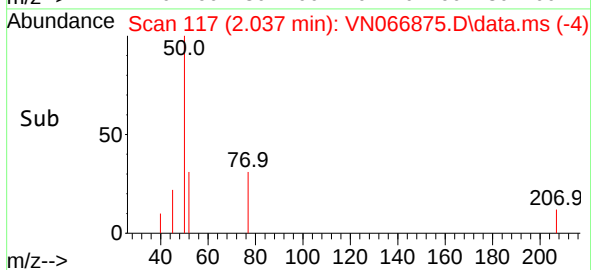
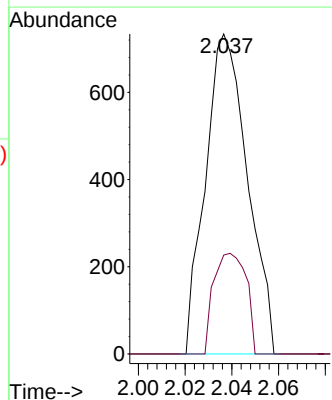
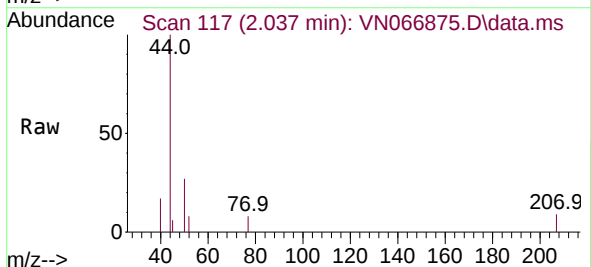
Instrument :
MSVOA_N
ClientSampleId :

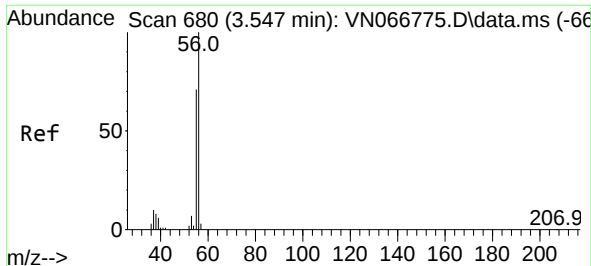
Tgt Ion:168 Resp: 305287
Ion Ratio Lower Upper
168 100
99 48.2 42.6 63.8



#3
Chloromethane
Concen: 0.21 ug/l
RT: 2.037 min Scan# 117
Delta R.T. 0.003 min
Lab File: VN066875.D
Acq: 29 Apr 2021 20:28

Tgt Ion: 50 Resp: 916
Ion Ratio Lower Upper
50 100
52 30.9 25.8 38.8

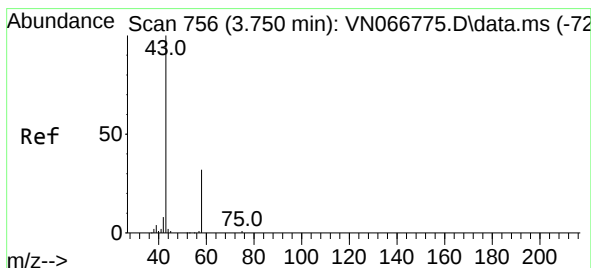
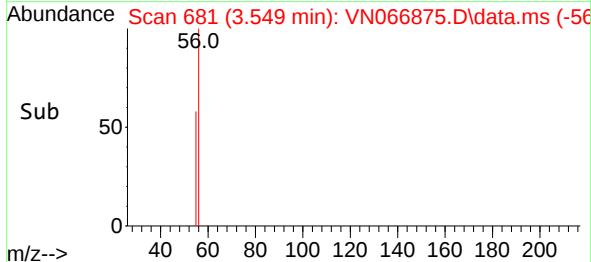
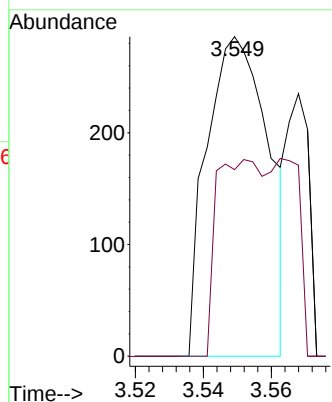
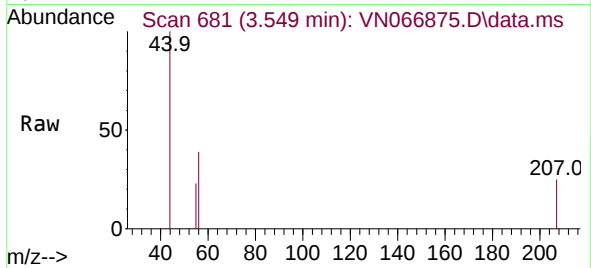




#13
Acrolein
Concen: 0.71 ug/l
RT: 3.549 min Scan# 681
Delta R.T. 0.002 min
Lab File: VN066875.D
Acq: 29 Apr 2021 20:28

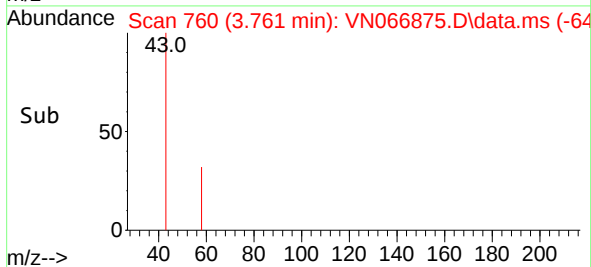
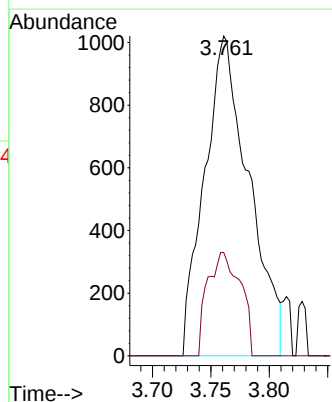
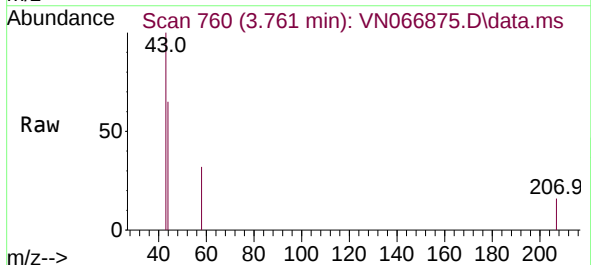
Instrument :
MSVOA_N
ClientSampled :

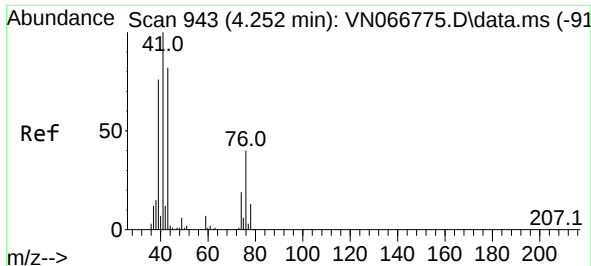
Tgt Ion: 56 Resp: 359
Ion Ratio Lower Upper
56 100
55 45.7 56.0 84.0#



#16
Acetone
Concen: 1.82 ug/l
RT: 3.761 min Scan# 760
Delta R.T. 0.011 min
Lab File: VN066875.D
Acq: 29 Apr 2021 20:28

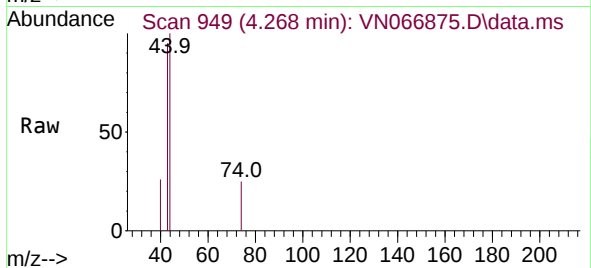
Tgt Ion: 43 Resp: 2696
Ion Ratio Lower Upper
43 100
58 32.3 27.0 40.6



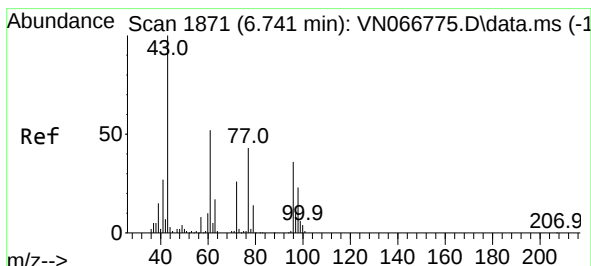
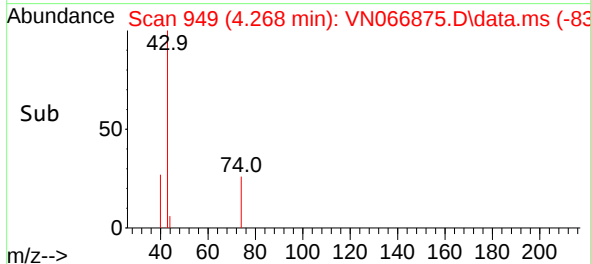
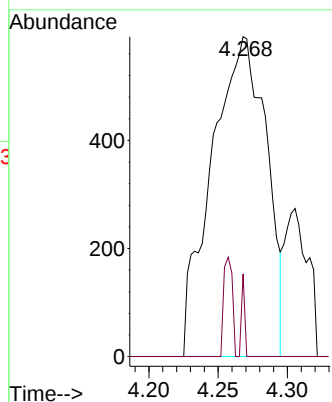


#18
Methyl Acetate
Concen: 1.51 ug/l
RT: 4.268 min Scan# 949
Delta R.T. 0.016 min
Lab File: VN066875.D
Acq: 29 Apr 2021 20:28

Instrument :
MSVOA_N
ClientSampled :

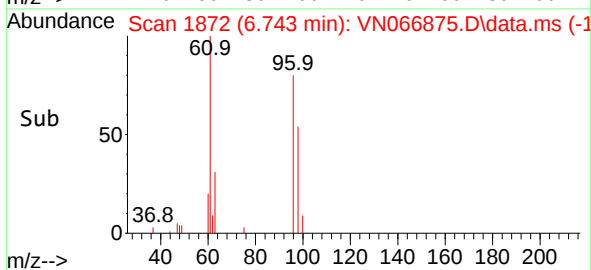
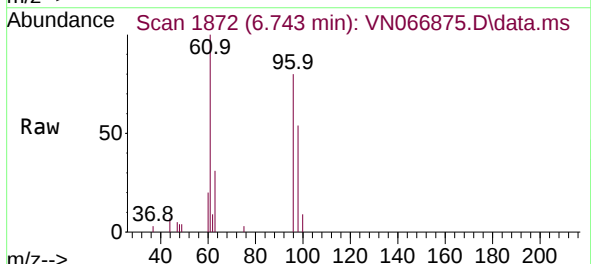
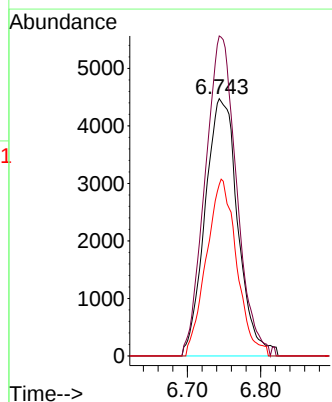


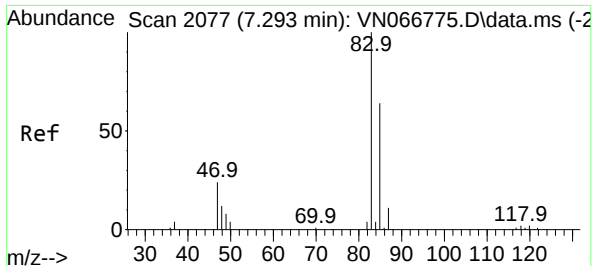
Tgt Ion: 43 Resp: 1623
Ion Ratio Lower Upper
43 100
74 1.5 19.5 29.3#



#27
cis-1,2-Dichloroethene
Concen: 3.66 ug/l
RT: 6.743 min Scan# 1872
Delta R.T. 0.002 min
Lab File: VN066875.D
Acq: 29 Apr 2021 20:28

Tgt Ion: 96 Resp: 13907
Ion Ratio Lower Upper
96 100
61 119.3 0.0 276.8
98 63.4 0.0 129.4





#30

Chloroform

Concen: 0.21 ug/l

RT: 7.299 min Scan# 2079

Delta R.T. 0.006 min

Lab File: VN066875.D

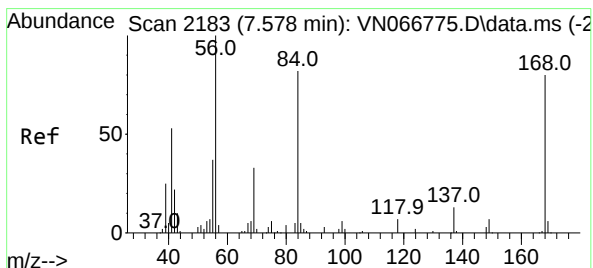
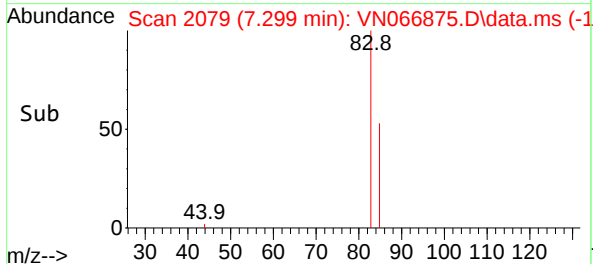
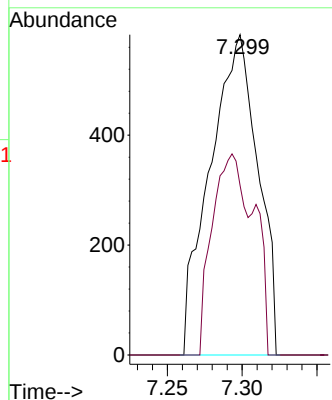
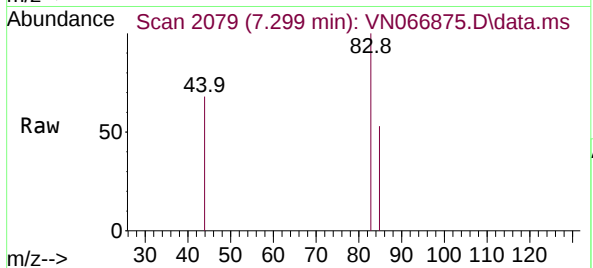
Acq: 29 Apr 2021 20:28

Tgt Ion: 83 Resp: 1302

Ion Ratio Lower Upper

83 100

85 53.0 52.6 78.8



#31

Cyclohexane

Concen: 0.79 ug/l

RT: 7.594 min Scan# 2189

Delta R.T. 0.016 min

Lab File: VN066875.D

Acq: 29 Apr 2021 20:28

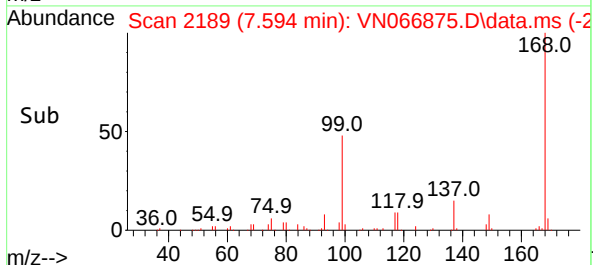
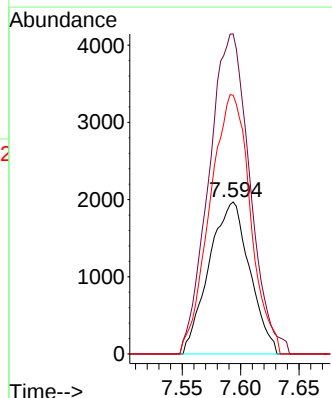
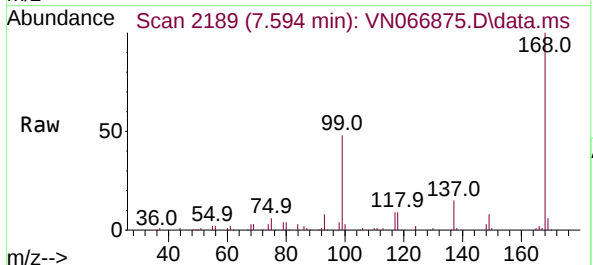
Tgt Ion: 56 Resp: 4777

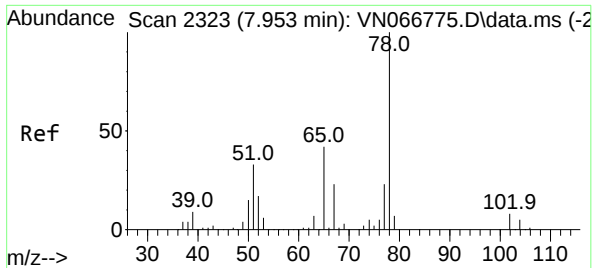
Ion Ratio Lower Upper

56 100

69 210.6 26.6 39.8#

84 170.2 70.4 105.6#

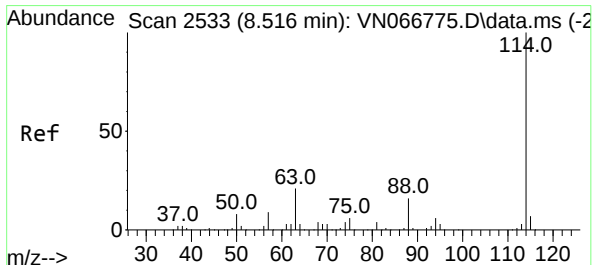
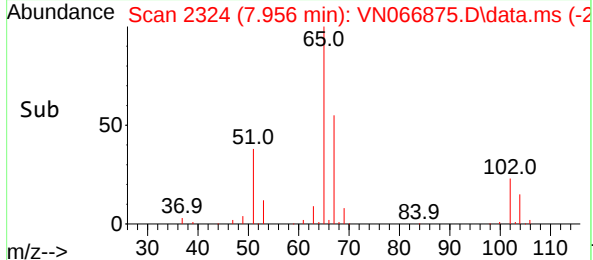
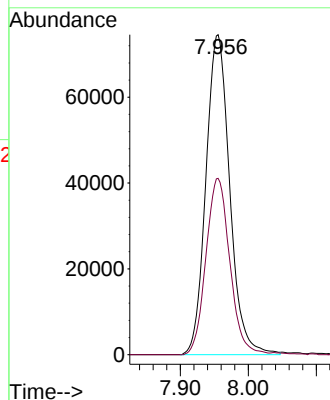
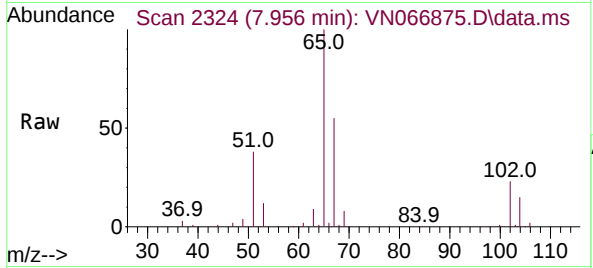




#33
 1,2-Dichloroethane-d4
 Concen: 46.38 ug/l
 RT: 7.956 min Scan# 2324
 Delta R.T. 0.003 min
 Lab File: VN066875.D
 Acq: 29 Apr 2021 20:28

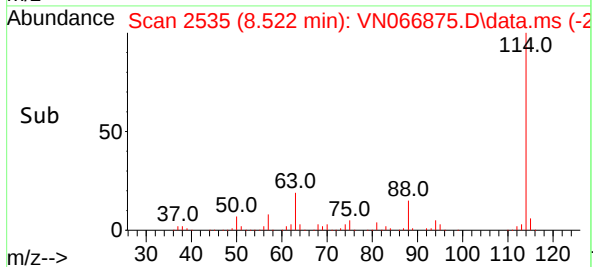
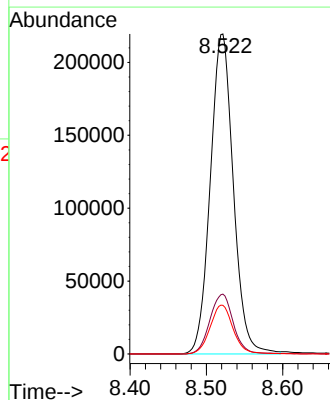
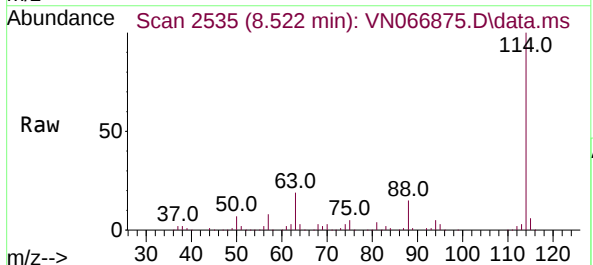
Instrument :
 MSVOA_N
 ClientSampleId :

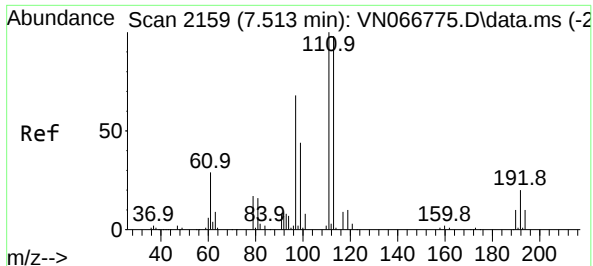
Tgt Ion: 65 Resp: 181939
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.522 min Scan# 2535
 Delta R.T. 0.006 min
 Lab File: VN066875.D
 Acq: 29 Apr 2021 20:28

Tgt Ion: 114 Resp: 459991
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 38.6
 88 15.2 0.0 30.6

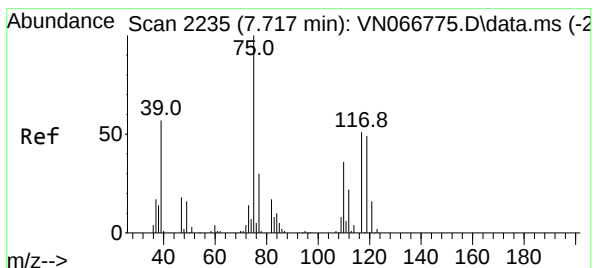
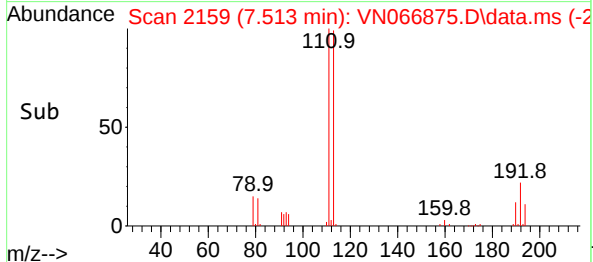
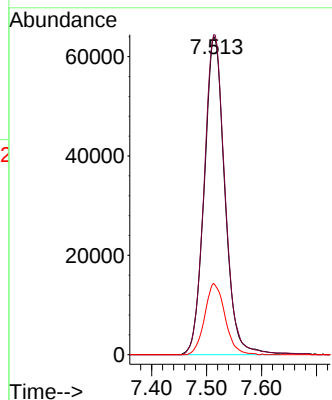
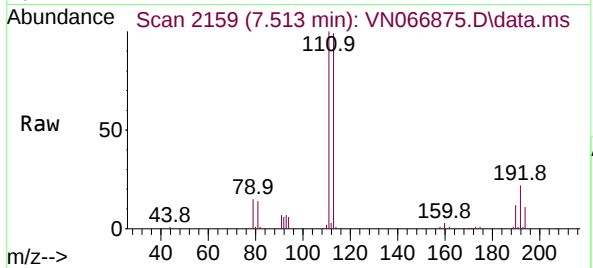




#35
Dibromofluoromethane
Concen: 58.41 ug/l
RT: 7.513 min Scan# 2159
Delta R.T. 0.000 min
Lab File: VN066875.D
Acq: 29 Apr 2021 20:28

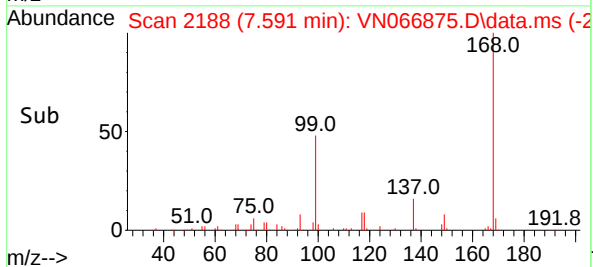
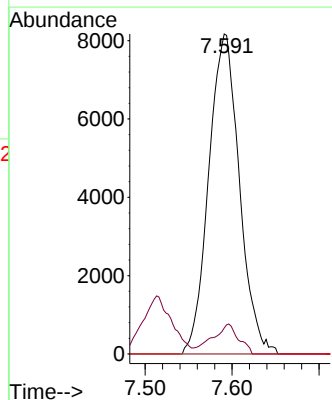
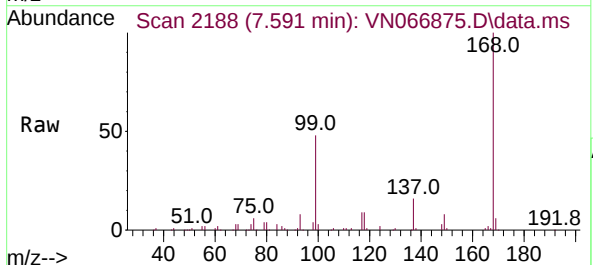
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MSVOA_N
ClientSampleId :

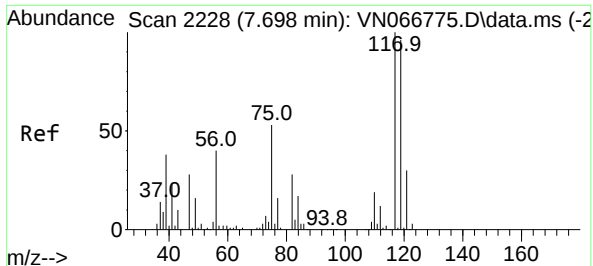
Tgt Ion:113 Resp: 165856
Ion Ratio Lower Upper
113 100
111 102.1 82.2 123.2
192 22.2 15.4 23.0



#36
1,1-Dichloropropene
Concen: 4.68 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. -0.126 min
Lab File: VN066875.D
Acq: 29 Apr 2021 20:28

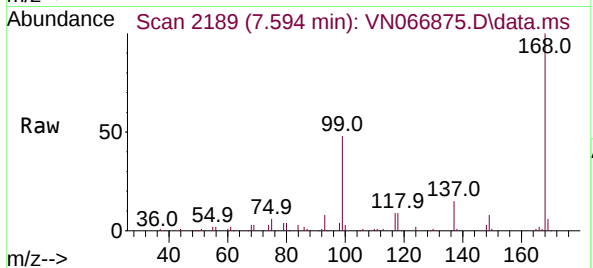
Tgt Ion: 75 Resp: 20021
Ion Ratio Lower Upper
75 100
110 8.0 18.2 54.6#
77 0.0 24.9 37.3#



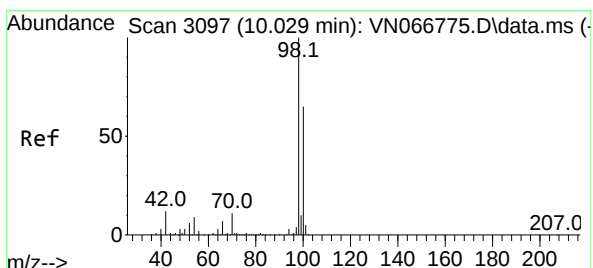
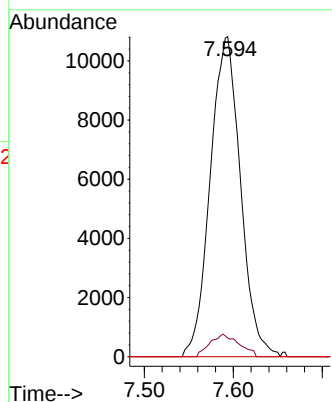
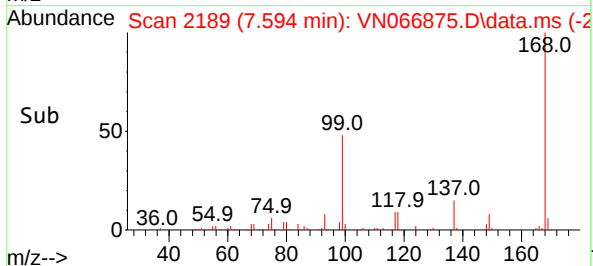


#38
Carbon Tetrachloride
Concen: 6.23 ug/l
RT: 7.594 min Scan# 2189
Delta R.T. -0.104 min
Lab File: VN066875.D
Acq: 29 Apr 2021 20:28

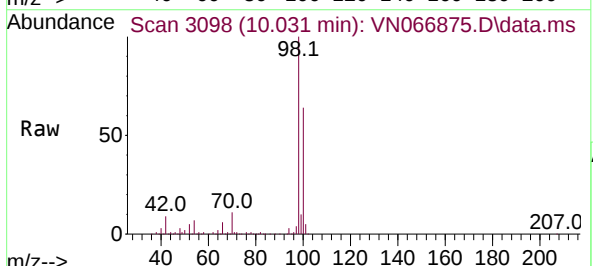
Instrument :
MSVOA_N
ClientSampled :



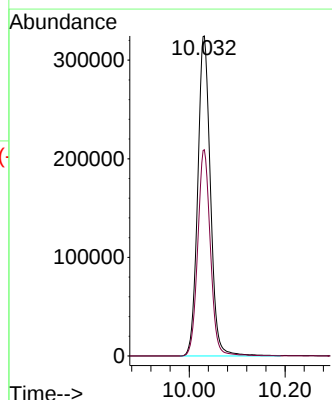
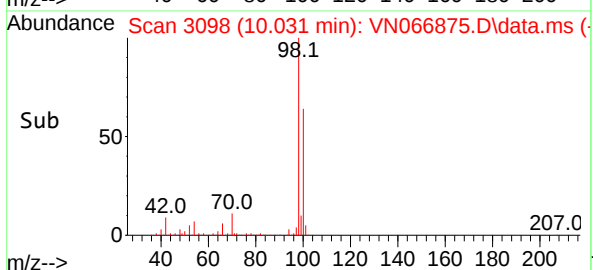
Tgt Ion:117 Resp: 25546
Ion Ratio Lower Upper
117 100
119 5.8 76.0 114.0#
121 0.0 24.5 36.7#

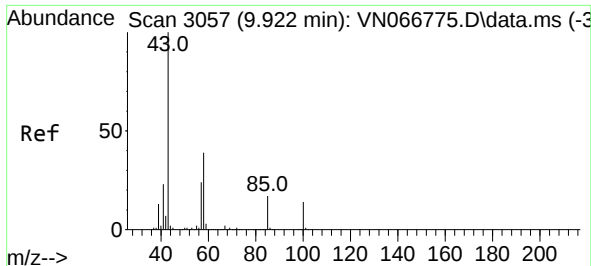


#50
Toluene-d8
Concen: 53.71 ug/l
RT: 10.031 min Scan# 3098
Delta R.T. 0.002 min
Lab File: VN066875.D
Acq: 29 Apr 2021 20:28



Tgt Ion: 98 Resp: 598583
Ion Ratio Lower Upper
98 100
100 63.9 50.5 75.7

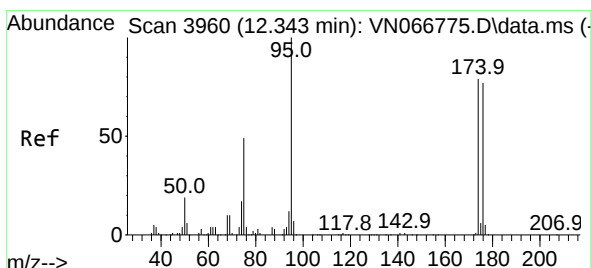
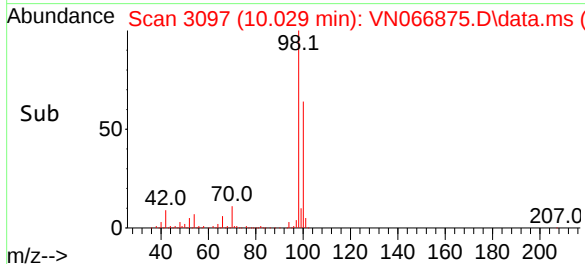
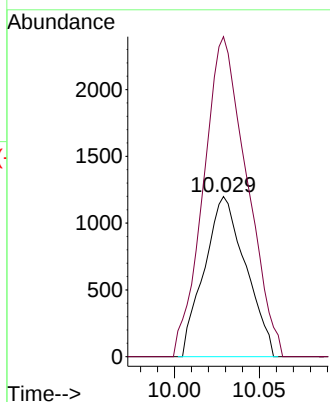
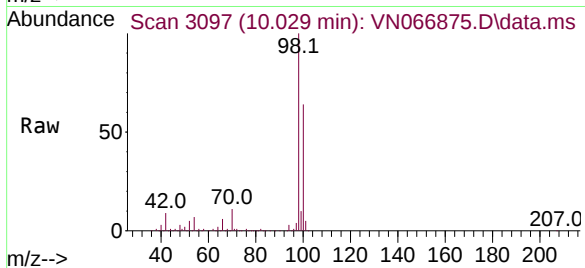




#51
4-Methyl-2-Pentanone
Concen: 0.52 ug/l
RT: 10.029 min Scan# 3097
Delta R.T. 0.107 min
Lab File: VN066875.D
Acq: 29 Apr 2021 20:28

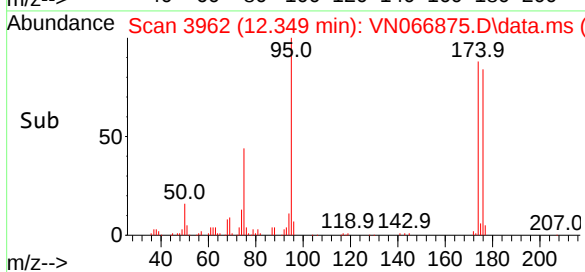
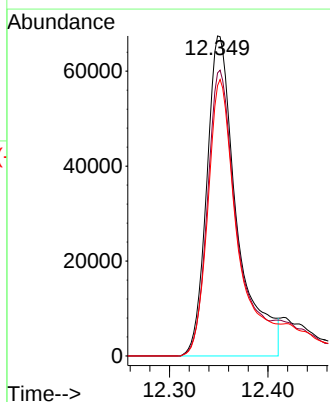
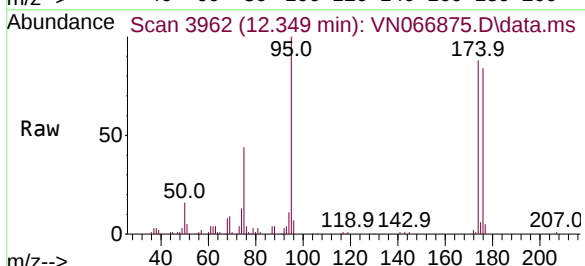
Instrument :
MSVOA_N
ClientSampled :

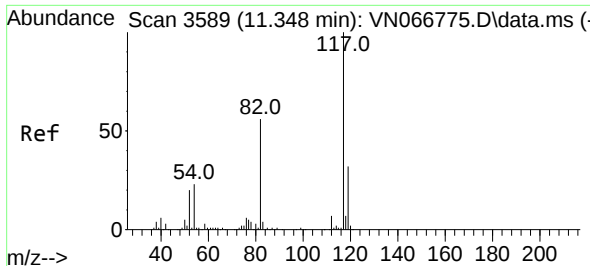
Tgt Ion: 43 Resp: 2030
Ion Ratio Lower Upper
43 100
58 209.5 32.5 48.7#



#62
4-Bromofluorobenzene
Concen: 38.24 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. 0.006 min
Lab File: VN066875.D
Acq: 29 Apr 2021 20:28

Tgt Ion: 95 Resp: 144221
Ion Ratio Lower Upper
95 100
174 86.8 0.0 169.0
176 86.0 0.0 162.4

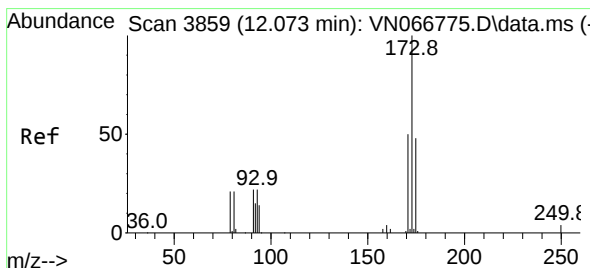
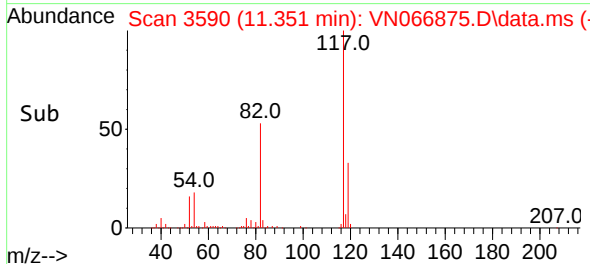
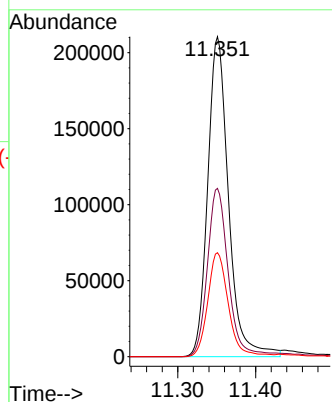
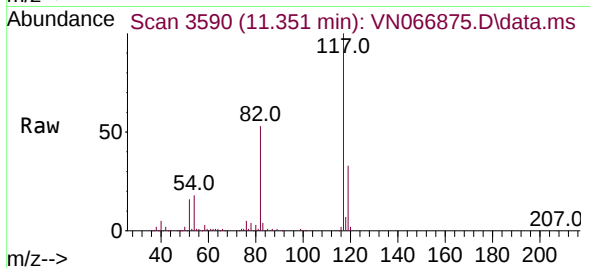




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.351 min Scan# 3590
Delta R.T. 0.003 min
Lab File: VN066875.D
Acq: 29 Apr 2021 20:28

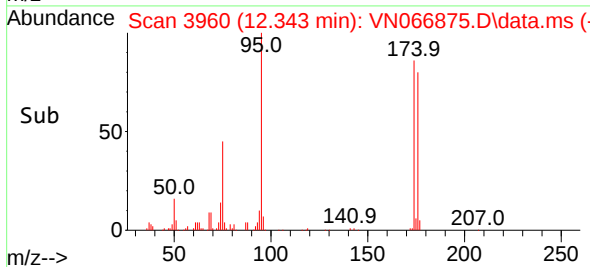
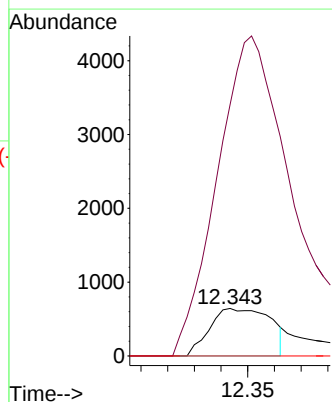
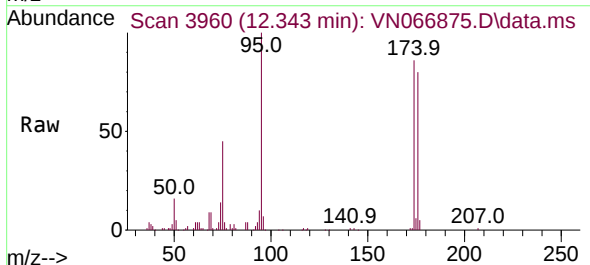
Instrument :
MSVOA_N
ClientSampleId :

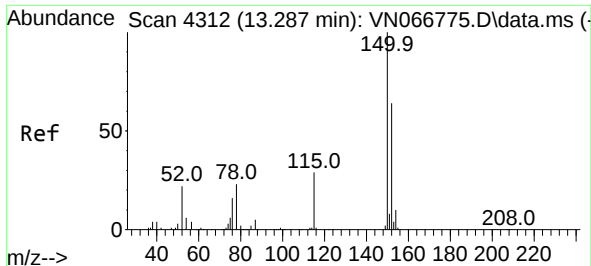
Tgt Ion:117 Resp: 390560
Ion Ratio Lower Upper
117 100
82 52.6 43.7 65.5
119 32.5 26.1 39.1



#71
Bromoform
Concen: 0.48 ug/l
RT: 12.343 min Scan# 3960
Delta R.T. 0.270 min
Lab File: VN066875.D
Acq: 29 Apr 2021 20:28

Tgt Ion:173 Resp: 1022
Ion Ratio Lower Upper
173 100
175 629.1 23.8 71.2#
254 0.0 0.0 0.0

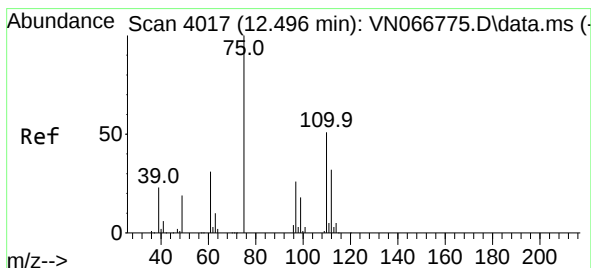
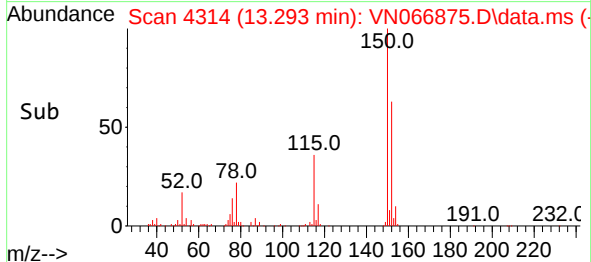
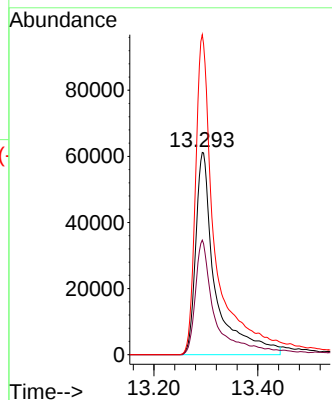
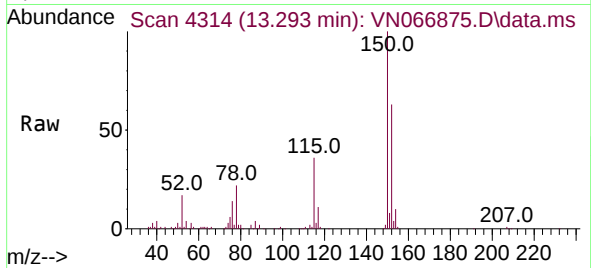




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.293 min Scan# 4314
Delta R.T. 0.005 min
Lab File: VN066875.D
Acq: 29 Apr 2021 20:28

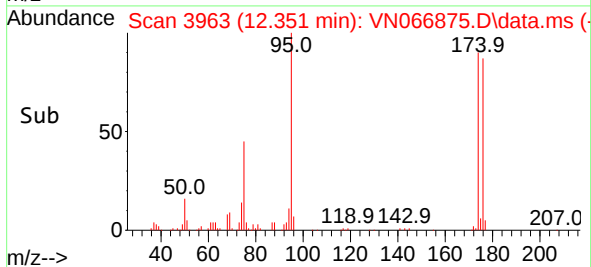
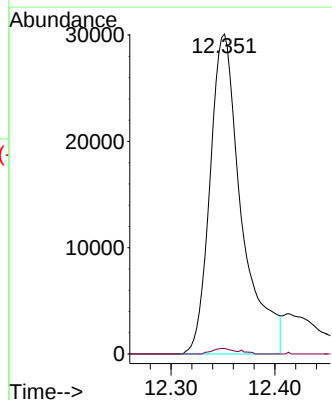
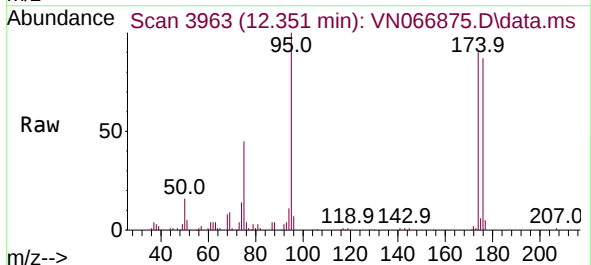
Instrument :
MSVOA_N
ClientSampleId :

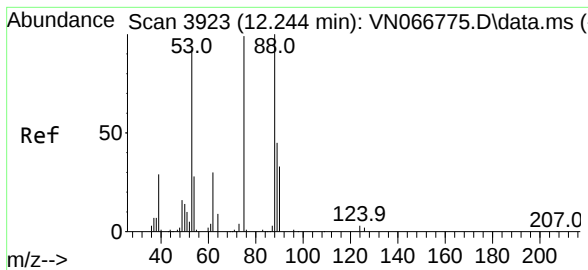
Tgt Ion:152 Resp: 161027
Ion Ratio Lower Upper
152 100
115 52.6 28.5 85.6
150 155.7 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 18.73 ug/l
RT: 12.351 min Scan# 3963
Delta R.T. -0.145 min
Lab File: VN066875.D
Acq: 29 Apr 2021 20:28

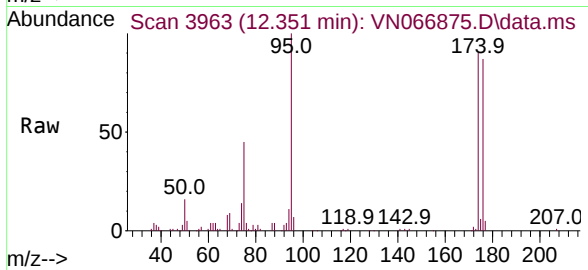
Tgt Ion: 75 Resp: 63557
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 52.00 ug/l
 RT: 12.351 min Scan# 3963
 Delta R.T. 0.107 min
 Lab File: VN066875.D
 Acq: 29 Apr 2021 20:28

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#

