

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042921\
 Data File : VN066873.D
 Acq On : 29 Apr 2021 19:40
 Operator : JC/MD
 Sample : M2137-10
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 30 06:16:40 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)

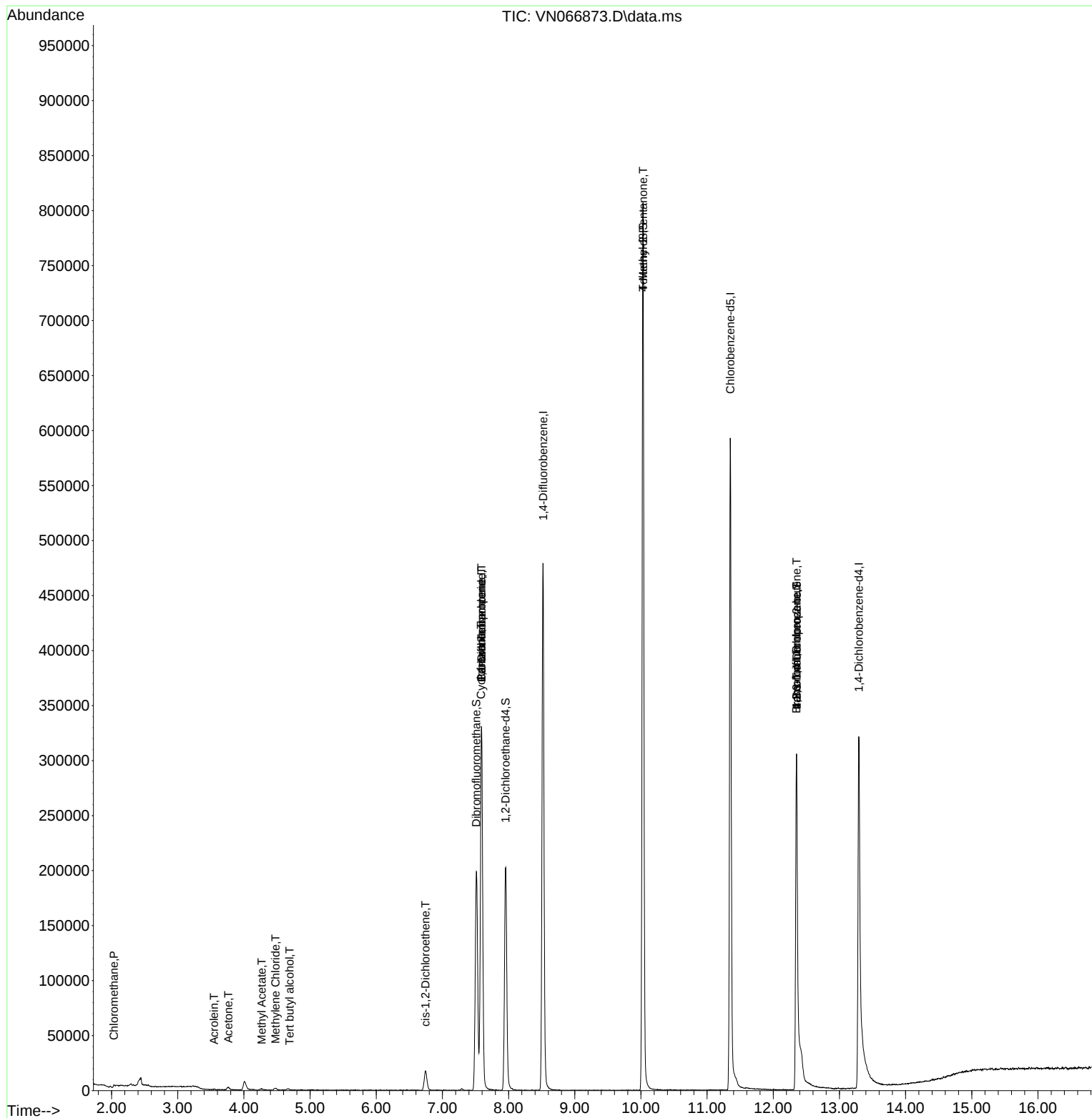
Internal Standards						
1) Pentafluorobenzene	7.591	168	300079	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.522	114	455592	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.351	117	398220	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.293	152	153965	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.956	65	178412	46.27	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	92.54%		
35) Dibromofluoromethane	7.513	113	160944	57.23	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	114.46%		
50) Toluene-d8	10.032	98	586526	53.13	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	106.26%		
62) 4-Bromofluorobenzene	12.352	95	160189	42.89	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	85.78%		
Target Compounds						Qvalue
3) Chloromethane	2.037	50	1150	0.27	ug/l	100
11) Tert butyl alcohol	4.692	59	157	0.26	ug/l #	73
13) Acrolein	3.547	56	492	0.99	ug/l #	46
16) Acetone	3.764	43	4540	3.12	ug/l	91
18) Methyl Acetate	4.271	43	2501	1.74	ug/l #	58
20) Methylene Chloride	4.477	84	1647	0.45	ug/l	88
27) cis-1,2-Dichloroethene	6.744	96	11063	2.96	ug/l	91
31) Cyclohexane	7.586	56	4749	0.80	ug/l #	1
36) 1,1-Dichloropropene	7.591	75	19616	4.63	ug/l #	43
38) Carbon Tetrachloride	7.591	117	24908	6.14	ug/l #	17
51) 4-Methyl-2-Pentanone	10.032	43	2029	0.52	ug/l #	1
71) Bromoform	12.349	173	967	0.45	ug/l #	1
76) 1,2,3-Trichloropropane	12.352	75	71835	22.14	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.352	75	71835	60.16	ug/l #	12

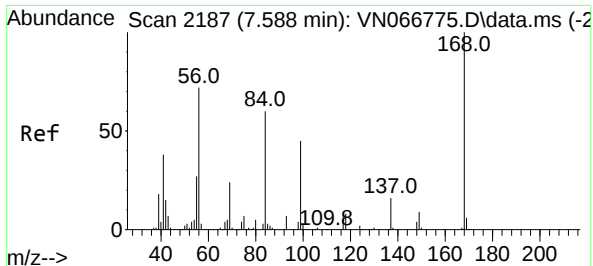
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 30 06:16:40 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

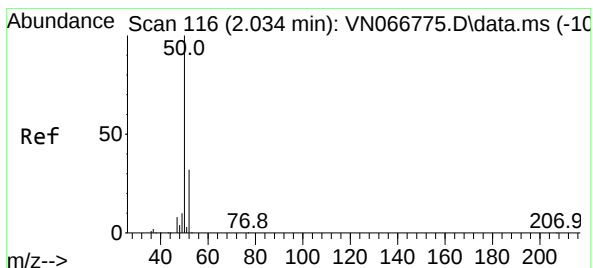
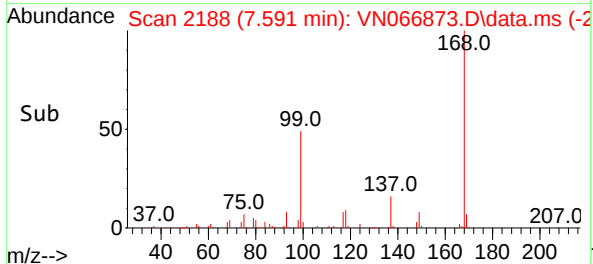
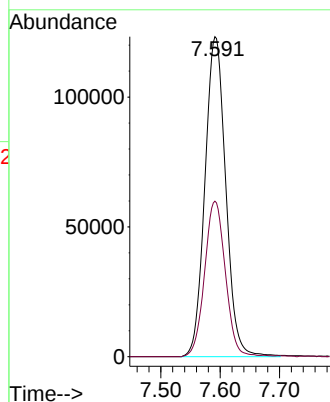
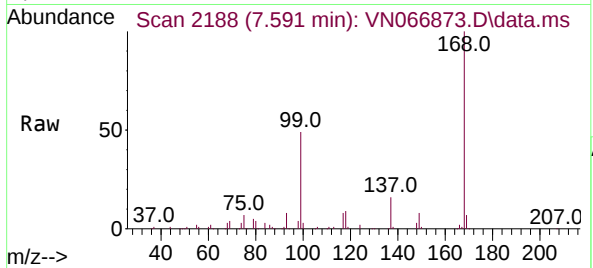




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. 0.003 min
Lab File: VN066873.D
Acq: 29 Apr 2021 19:40

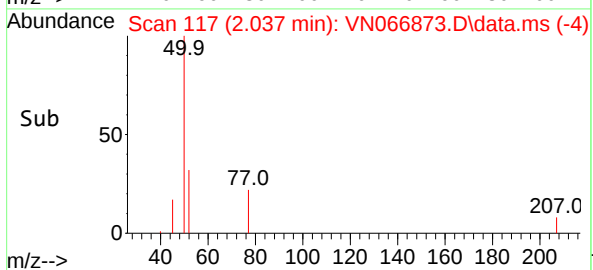
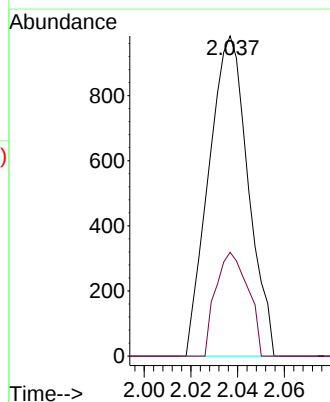
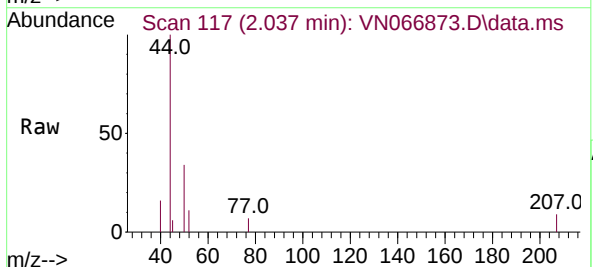
Instrument :
MSVOA_N
ClientSampled :

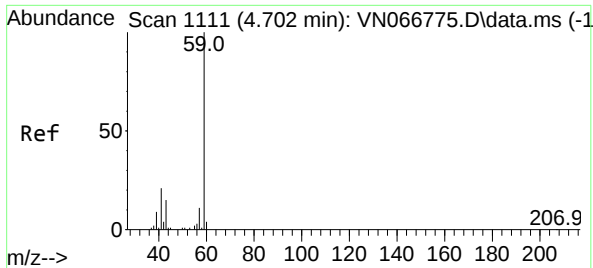
Tgt Ion:168 Resp: 300079
Ion Ratio Lower Upper
168 100
99 48.6 42.6 63.8



#3
Chloromethane
Concen: 0.27 ug/l
RT: 2.037 min Scan# 117
Delta R.T. 0.003 min
Lab File: VN066873.D
Acq: 29 Apr 2021 19:40

Tgt Ion: 50 Resp: 1150
Ion Ratio Lower Upper
50 100
52 32.5 25.8 38.8

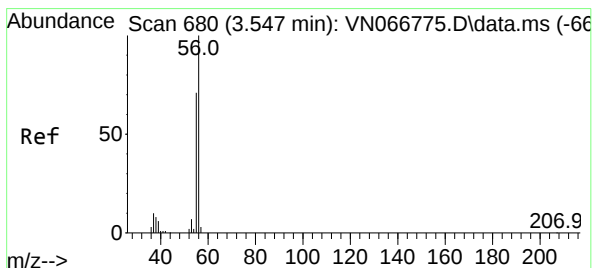
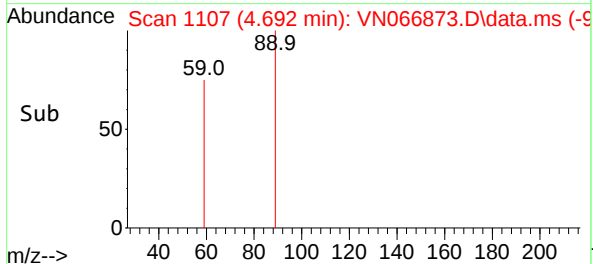
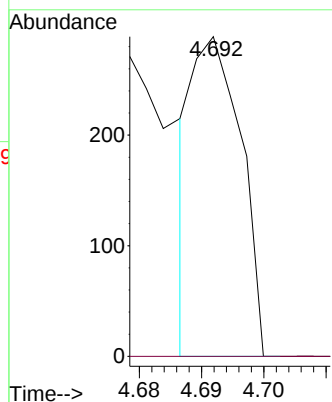
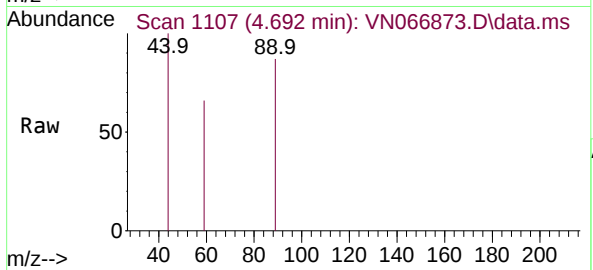




#11
Tert butyl alcohol
Concen: 0.26 ug/l
RT: 4.692 min Scan# 1107
Delta R.T. -0.010 min
Lab File: VN066873.D
Acq: 29 Apr 2021 19:40

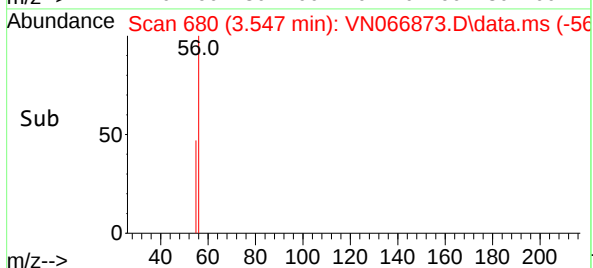
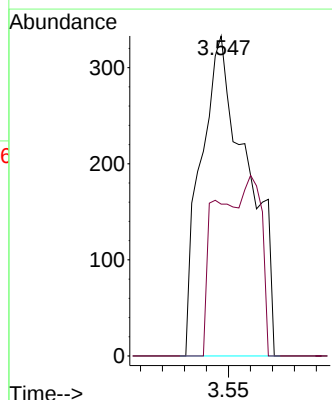
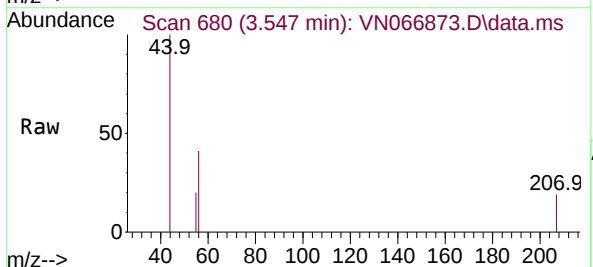
Instrument :
MSVOA_N
ClientSampled :

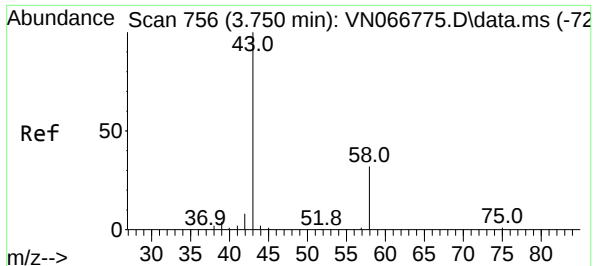
Tgt Ion: 59 Resp: 157
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#



#13
Acrolein
Concen: 0.99 ug/l
RT: 3.547 min Scan# 680
Delta R.T. -0.000 min
Lab File: VN066873.D
Acq: 29 Apr 2021 19:40

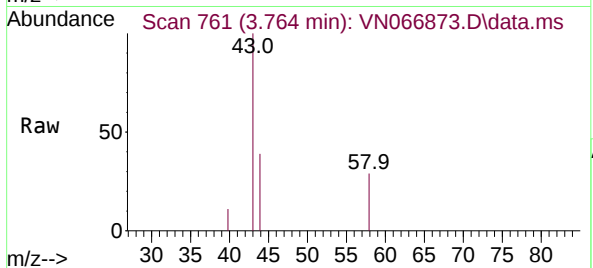
Tgt Ion: 56 Resp: 492
Ion Ratio Lower Upper
56 100
55 26.0 56.0 84.0#



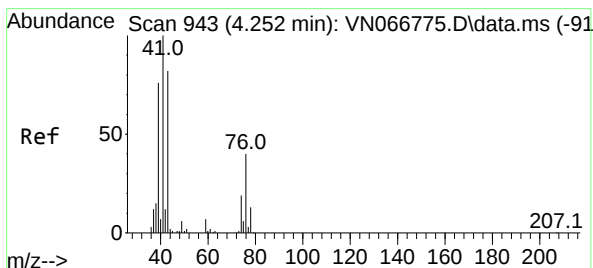
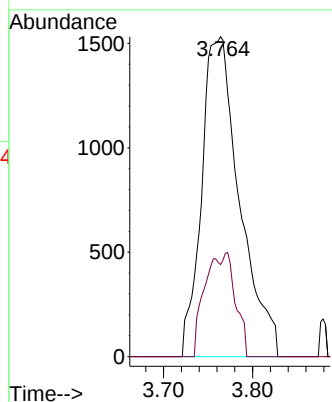
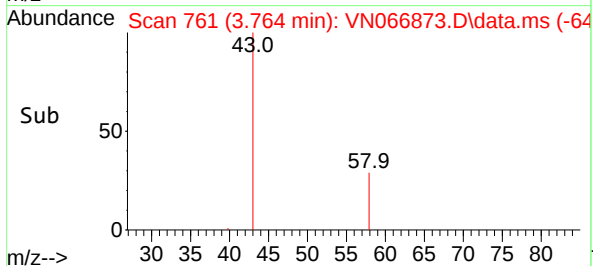


#16
Acetone
Concen: 3.12 ug/l
RT: 3.764 min Scan# 761
Delta R.T. 0.014 min
Lab File: VN066873.D
Acq: 29 Apr 2021 19:40

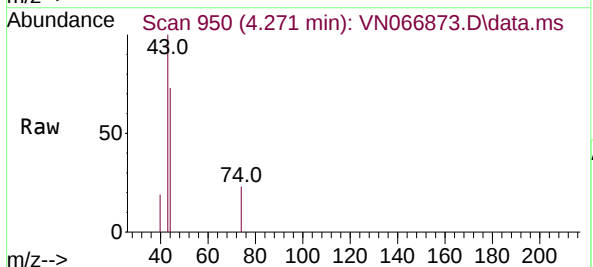
Instrument :
MSVOA_N
ClientSampleId :



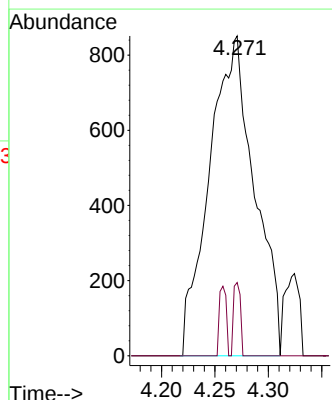
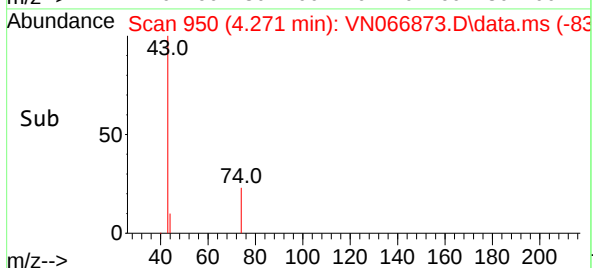
Tgt Ion: 43 Resp: 4540
Ion Ratio Lower Upper
43 100
58 28.8 27.0 40.6

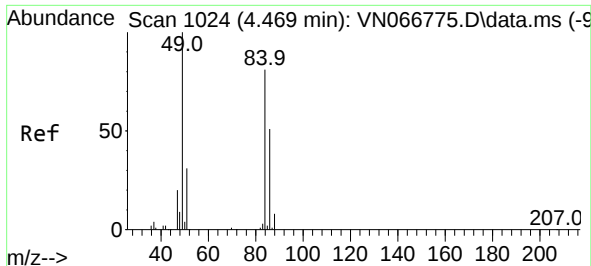


#18
Methyl Acetate
Concen: 1.74 ug/l
RT: 4.271 min Scan# 950
Delta R.T. 0.019 min
Lab File: VN066873.D
Acq: 29 Apr 2021 19:40



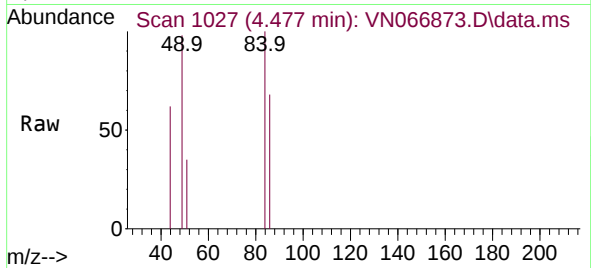
Tgt Ion: 43 Resp: 2501
Ion Ratio Lower Upper
43 100
74 3.5 19.5 29.3#



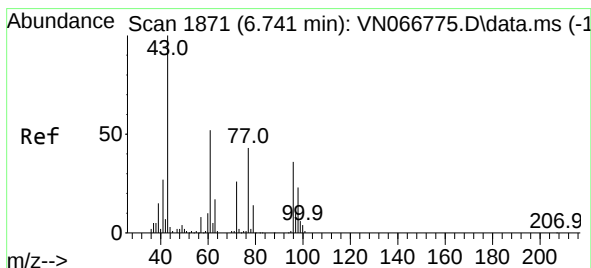
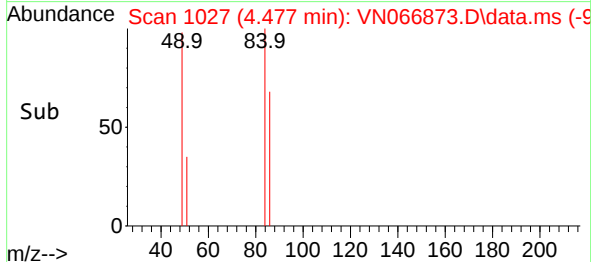
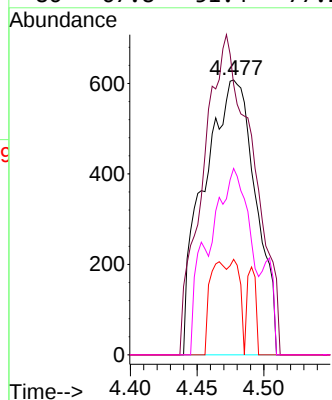


#20
Methylene Chloride
Concen: 0.45 ug/l
RT: 4.477 min Scan# 1027
Delta R.T. 0.008 min
Lab File: VN066873.D
Acq: 29 Apr 2021 19:40

Instrument :
MSVOA_N
ClientSampled :

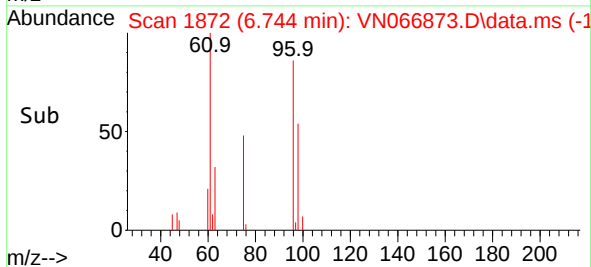
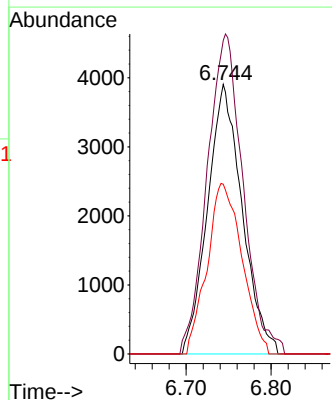
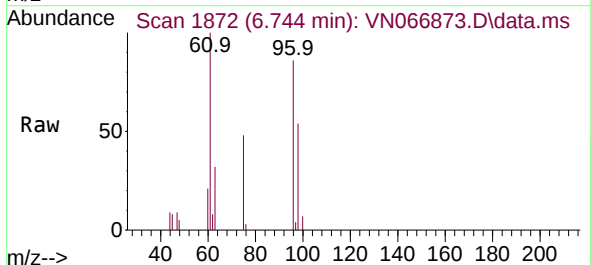


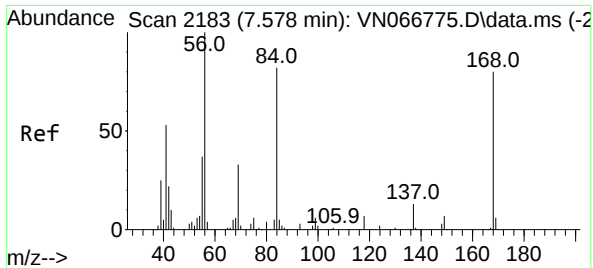
Tgt Ion: 84	Resp: 1647
Ion Ratio	Lower Upper
84 100	
49 98.4	94.6 141.8
51 34.7	29.9 44.9
86 67.8	51.4 77.2



#27
cis-1,2-Dichloroethene
Concen: 2.96 ug/l
RT: 6.744 min Scan# 1872
Delta R.T. 0.003 min
Lab File: VN066873.D
Acq: 29 Apr 2021 19:40

Tgt Ion: 96	Resp: 11063
Ion Ratio	Lower Upper
96 100	
61 122.4	0.0 276.8
98 63.6	0.0 129.4

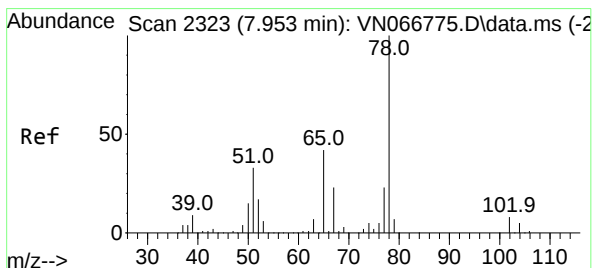
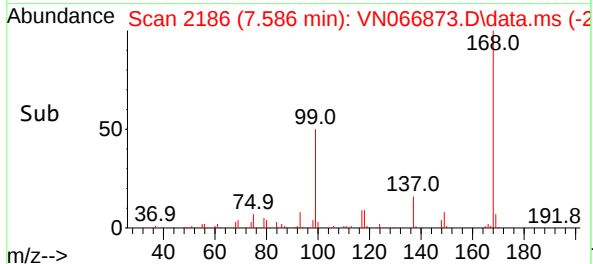
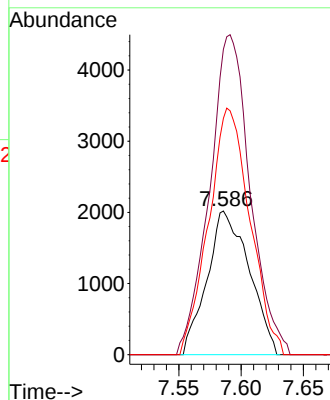
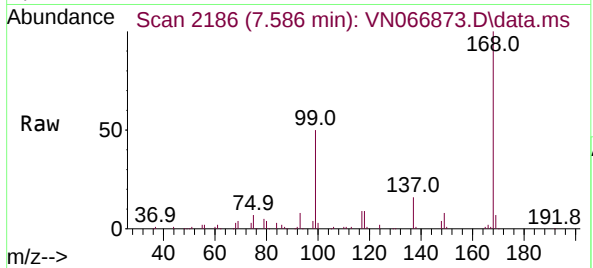




#31
Cyclohexane
Concen: 0.80 ug/l
RT: 7.586 min Scan# 2186
Delta R.T. 0.008 min
Lab File: VN066873.D
Acq: 29 Apr 2021 19:40

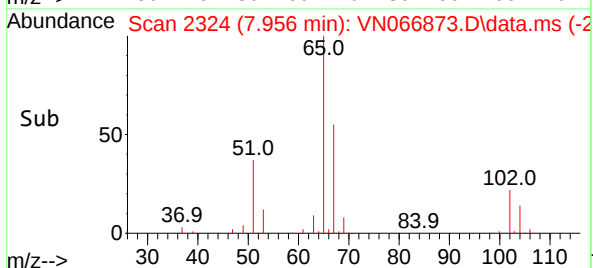
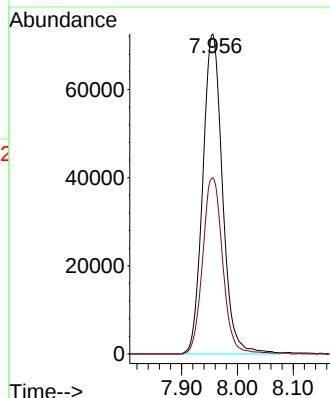
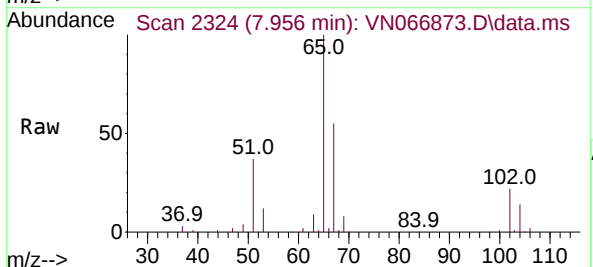
Instrument :
MSVOA_N
ClientSampled :

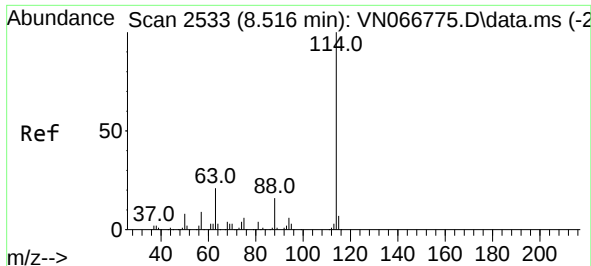
Tgt Ion: 56 Resp: 4749
Ion Ratio Lower Upper
56 100
69 204.3 26.6 39.8#
84 164.4 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 46.27 ug/l
RT: 7.956 min Scan# 2324
Delta R.T. 0.003 min
Lab File: VN066873.D
Acq: 29 Apr 2021 19:40

Tgt Ion: 65 Resp: 178412
Ion Ratio Lower Upper
65 100
67 55.7 0.0 107.2

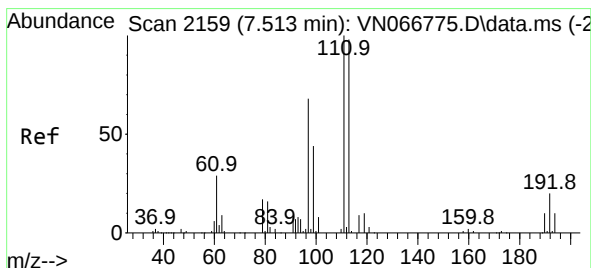
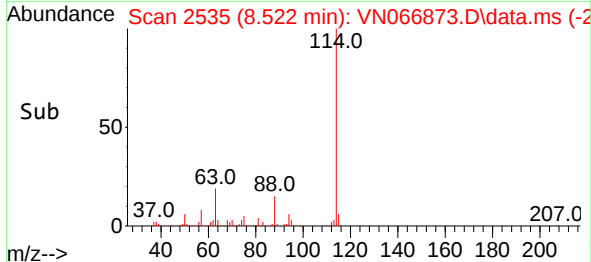
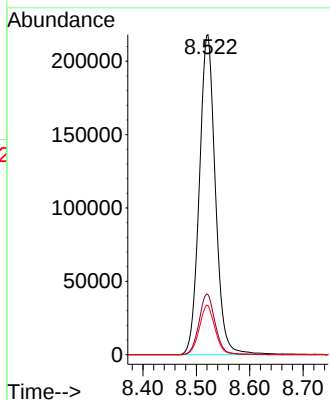
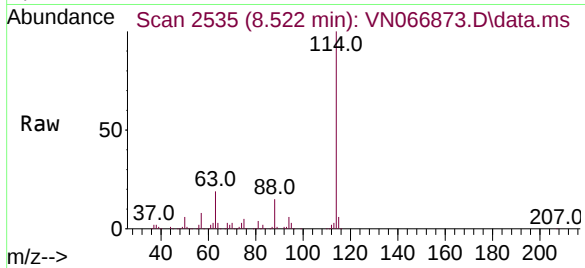




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.522 min Scan# 2535
Delta R.T. 0.006 min
Lab File: VN066873.D
Acq: 29 Apr 2021 19:40

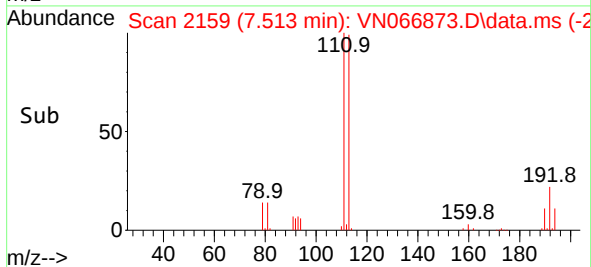
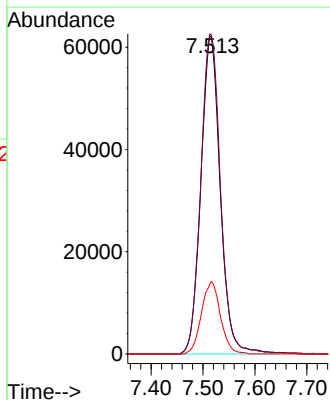
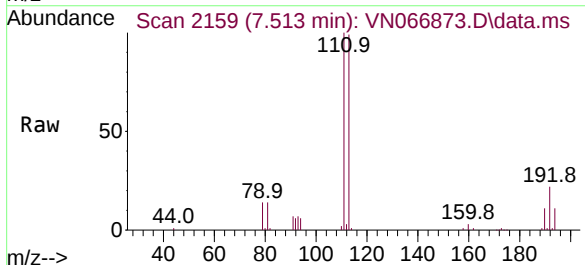
Instrument :
MSVOA_N
ClientSampled :

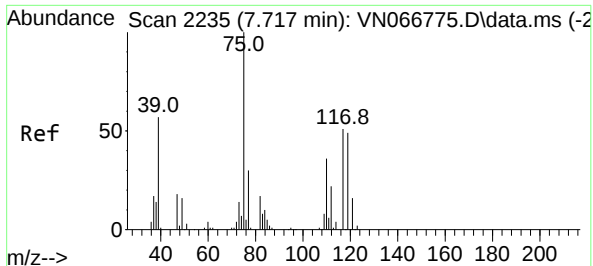
Tgt Ion:114 Resp: 455592
Ion Ratio Lower Upper
114 100
63 18.8 0.0 38.6
88 15.4 0.0 30.6



#35
Dibromofluoromethane
Concen: 57.23 ug/l
RT: 7.513 min Scan# 2159
Delta R.T. 0.000 min
Lab File: VN066873.D
Acq: 29 Apr 2021 19:40

Tgt Ion:113 Resp: 160944
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.2
192 22.4 15.4 23.0

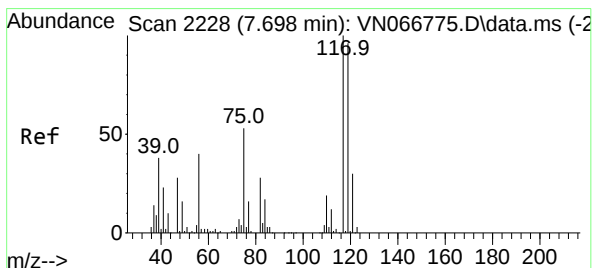
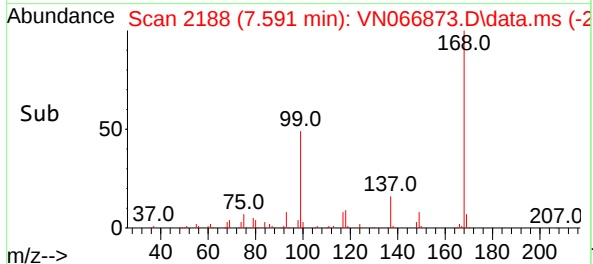
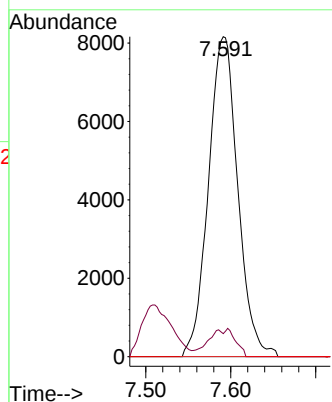
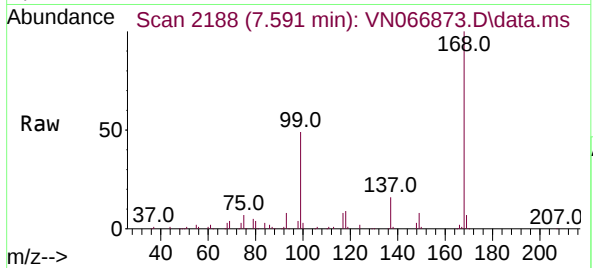




#36
1,1-Dichloropropene
Concen: 4.63 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. -0.126 min
Lab File: VN066873.D
Acq: 29 Apr 2021 19:40

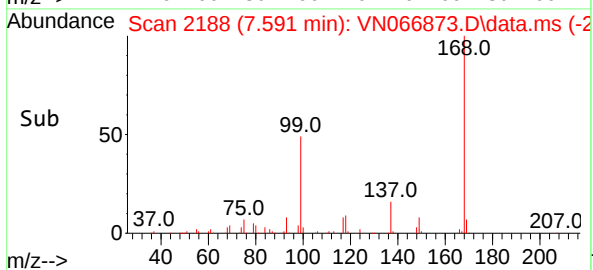
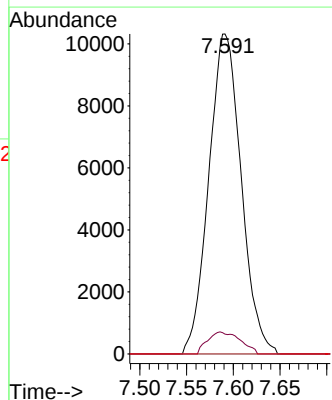
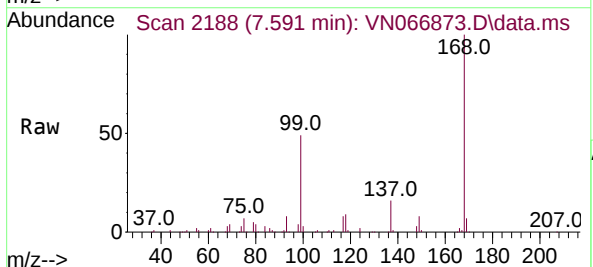
Instrument :
MSVOA_N
ClientSampled :

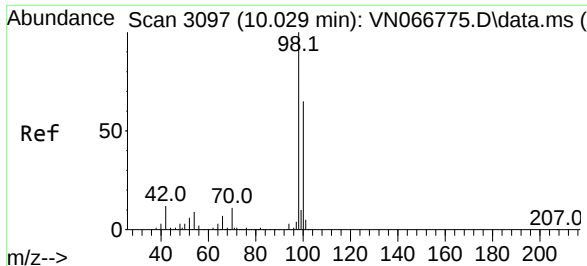
Tgt Ion: 75 Resp: 19616
Ion Ratio Lower Upper
75 100
110 2.9 18.2 54.6#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 6.14 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. -0.107 min
Lab File: VN066873.D
Acq: 29 Apr 2021 19:40

Tgt Ion: 117 Resp: 24908
Ion Ratio Lower Upper
117 100
119 6.2 76.0 114.0#
121 0.0 24.5 36.7#

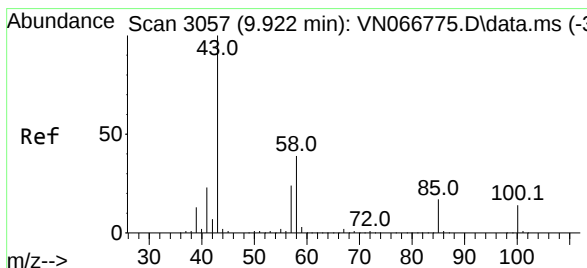
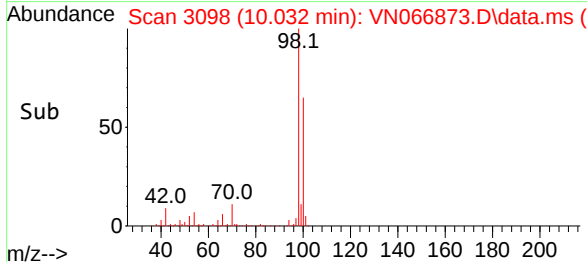
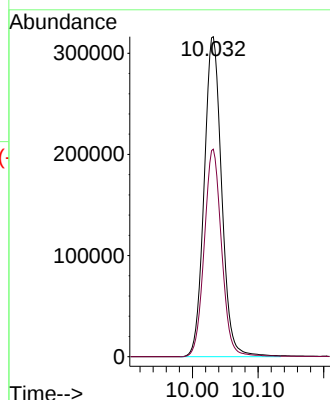
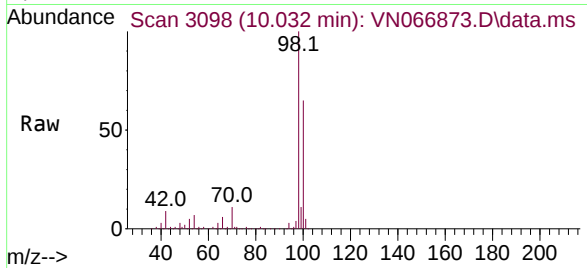




#50
Toluene-d8
Concen: 53.13 ug/l
RT: 10.032 min Scan# 3098
Delta R.T. 0.003 min
Lab File: VN066873.D
Acq: 29 Apr 2021 19:40

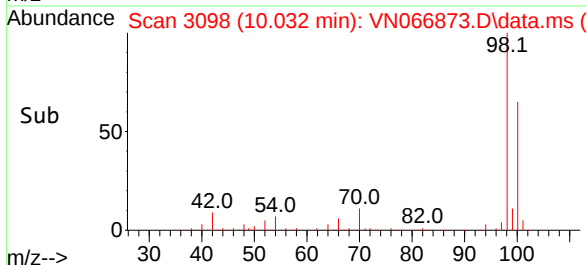
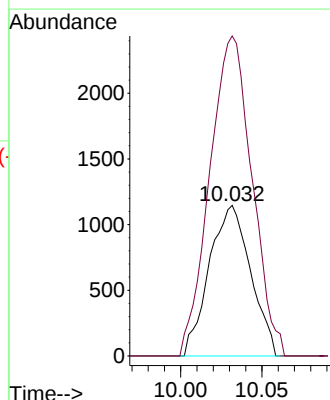
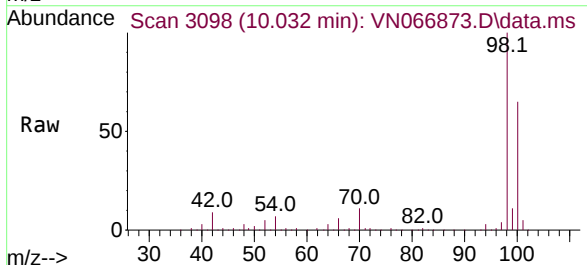
Instrument :
MSVOA_N
ClientSampled :

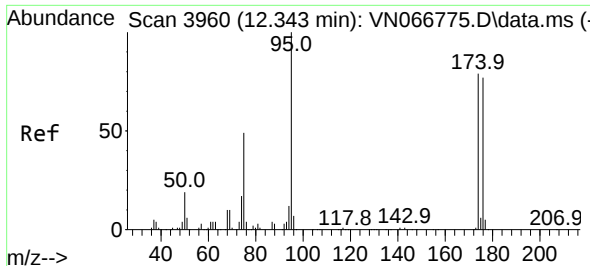
Tgt Ion: 98 Resp: 586526
Ion Ratio Lower Upper
98 100
100 64.2 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 0.52 ug/l
RT: 10.032 min Scan# 3098
Delta R.T. 0.110 min
Lab File: VN066873.D
Acq: 29 Apr 2021 19:40

Tgt Ion: 43 Resp: 2029
Ion Ratio Lower Upper
43 100
58 217.2 32.5 48.7#

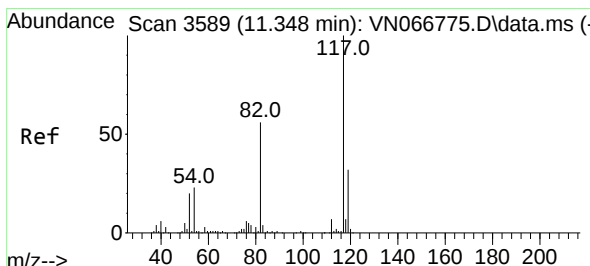
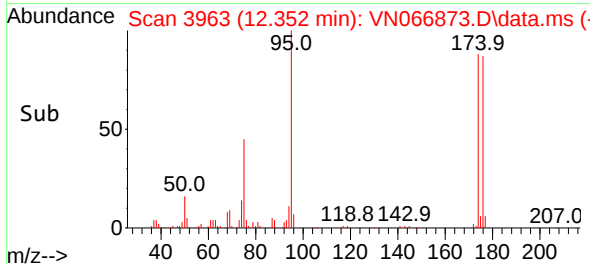
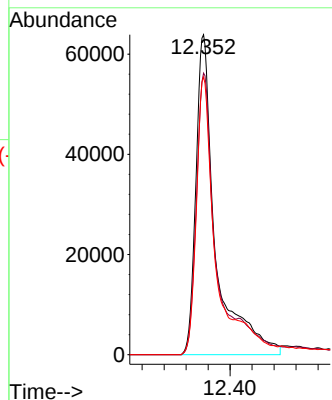
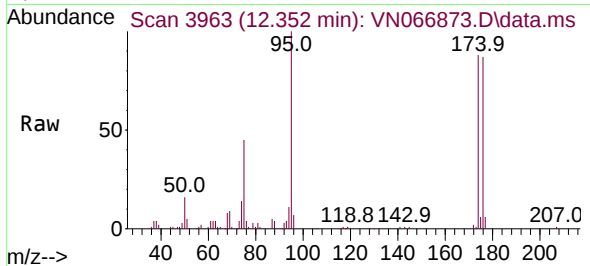




#62
4-Bromofluorobenzene
Concen: 42.89 ug/l
RT: 12.352 min Scan# 3963
Delta R.T. 0.009 min
Lab File: VN066873.D
Acq: 29 Apr 2021 19:40

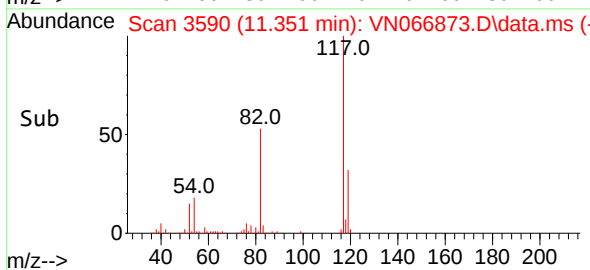
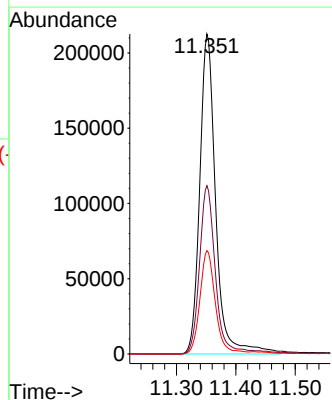
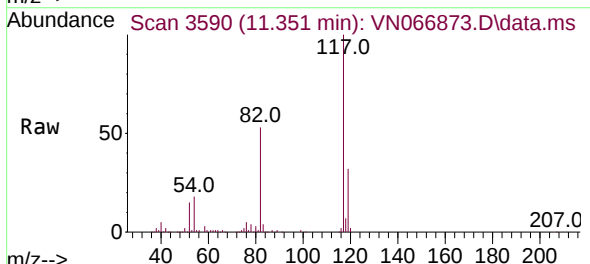
Instrument :
MSVOA_N
ClientSampleId :

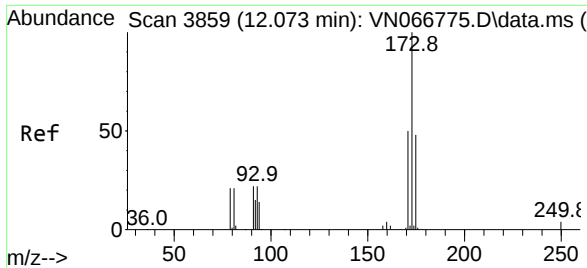
Tgt Ion: 95 Resp: 160189
Ion Ratio Lower Upper
95 100
174 77.2 0.0 169.0
176 85.9 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.351 min Scan# 3590
Delta R.T. 0.003 min
Lab File: VN066873.D
Acq: 29 Apr 2021 19:40

Tgt Ion: 117 Resp: 398220
Ion Ratio Lower Upper
117 100
82 52.6 43.7 65.5
119 32.3 26.1 39.1

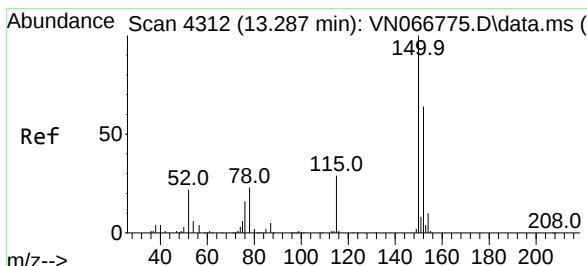
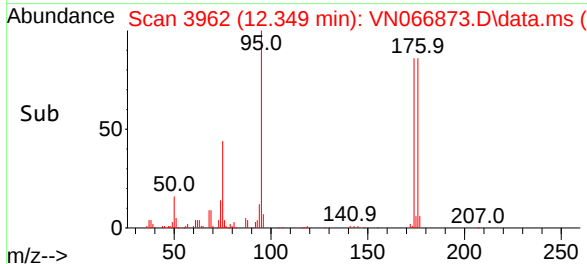
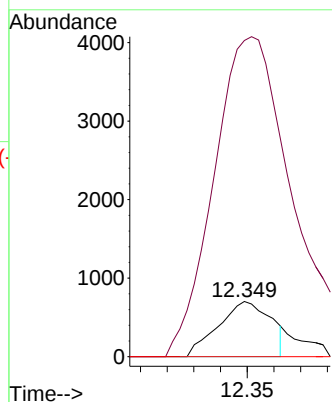
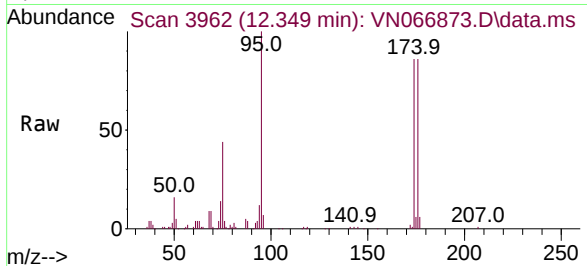




#71
Bromoform
Concen: 0.45 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. 0.276 min
Lab File: VN066873.D
Acq: 29 Apr 2021 19:40

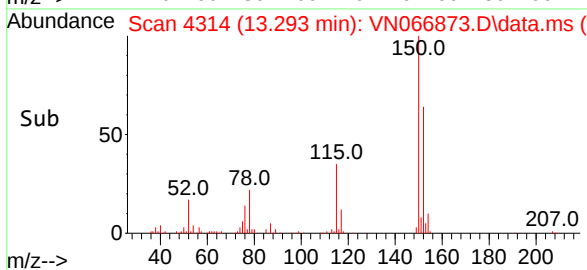
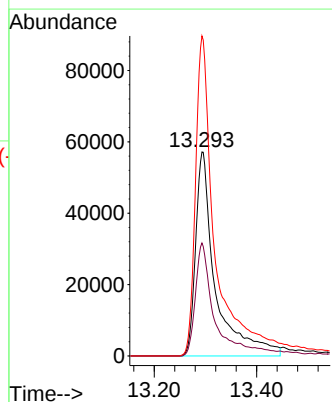
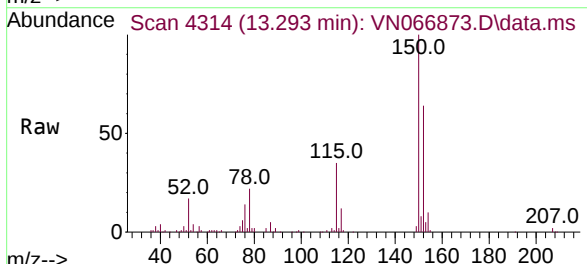
Instrument :
MSVOA_N
ClientSampleId :

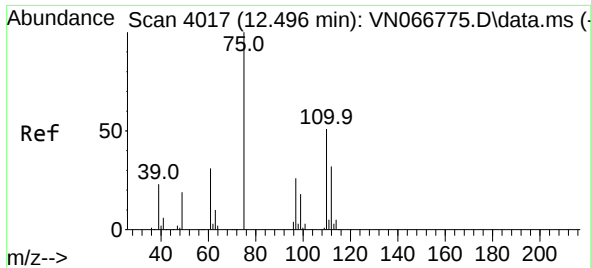
Tgt Ion:173 Resp: 967
Ion Ratio Lower Upper
173 100
175 668.1 23.8 71.2#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.293 min Scan# 4314
Delta R.T. 0.006 min
Lab File: VN066873.D
Acq: 29 Apr 2021 19:40

Tgt Ion:152 Resp: 153965
Ion Ratio Lower Upper
152 100
115 54.0 28.5 85.6
150 158.2 0.0 347.6

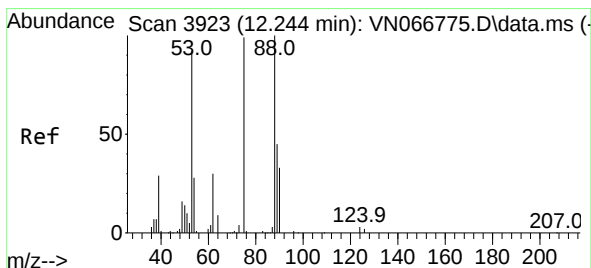
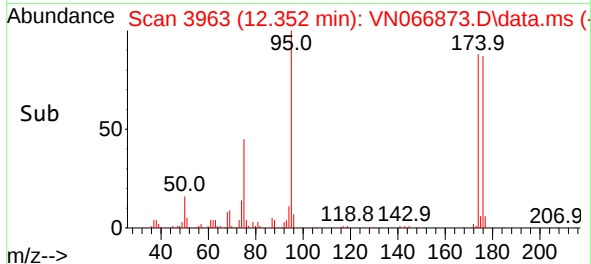
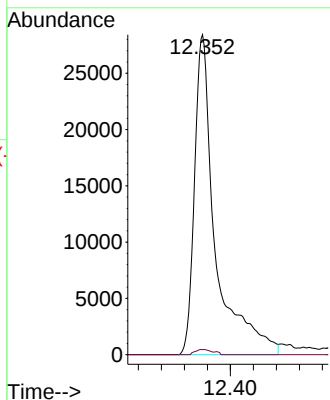
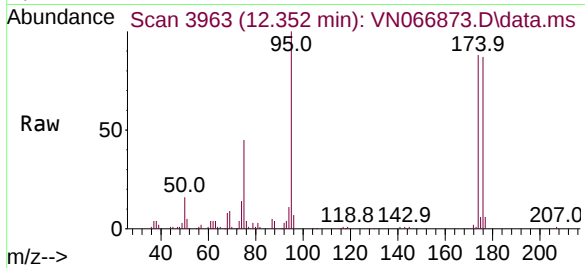




#76
1,2,3-Trichloropropane
Concen: 22.14 ug/l
RT: 12.352 min Scan# 3963
Delta R.T. -0.144 min
Lab File: VN066873.D
Acq: 29 Apr 2021 19:40

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion: 75 Resp: 71835
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 60.16 ug/l
RT: 12.352 min Scan# 3963
Delta R.T. 0.108 min
Lab File: VN066873.D
Acq: 29 Apr 2021 19:40

Tgt Ion: 75 Resp: 71835
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#

