

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042921\
 Data File : VN066895.D
 Acq On : 30 Apr 2021 5:17
 Operator : JC/MD
 Sample : PB136054ZHE#08
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 30 06:34:08 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)

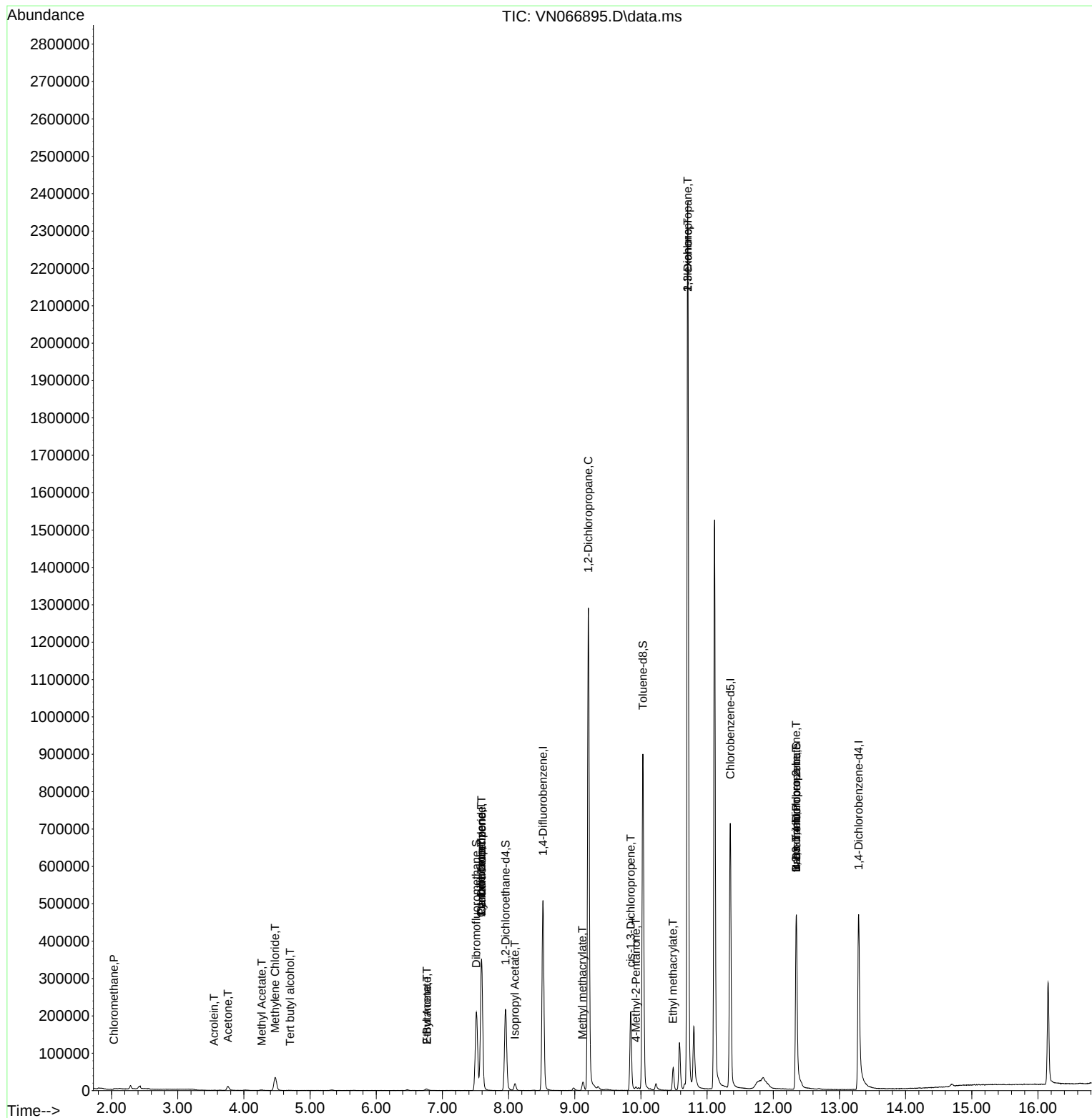
Internal Standards						
1) Pentafluorobenzene	7.594	168	318906	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.519	114	486423	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.351	117	456266	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.290	152	191425	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.953	65	188037	45.89	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	91.78%		
35) Dibromofluoromethane	7.513	113	170854	56.90	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	113.80%		
50) Toluene-d8	10.029	98	655633	55.63	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	111.26%		
62) 4-Bromofluorobenzene	12.349	95	204580	51.30	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	102.60%		
Target Compounds						
						Qvalue
3) Chloromethane	2.037	50	1079	0.24	ug/l	94
11) Tert butyl alcohol	4.697	59	521	0.82	ug/l #	73
13) Acrolein	3.549	56	361	0.68	ug/l #	71
16) Acetone	3.758	43	18822	12.18	ug/l	96
18) Methyl Acetate	4.271	43	3736	1.99	ug/l #	51
20) Methylene Chloride	4.472	84	28402	7.25	ug/l	93
25) 2-Butanone	6.768	43	8420	3.87	ug/l	90
31) Cyclohexane	7.588	56	4855	0.77	ug/l #	1
36) 1,1-Dichloropropene	7.588	75	19819	4.39	ug/l #	48
37) Ethyl Acetate	6.768	43	8420	1.75	ug/l #	68
38) Carbon Tetrachloride	7.591	117	26398	6.09	ug/l #	17
43) Isopropyl Acetate	8.095	43	22330	2.93	ug/l #	90
45) 1,2-Dichloropropane	9.203	63	1667	0.45	ug/l #	44
48) Methyl methacrylate	9.114	41	5400	1.62	ug/l #	10
51) 4-Methyl-2-Pentanone	9.924	43	5062	1.22	ug/l	88
54) cis-1,3-Dichloropropene	9.847	75	43047	7.49	ug/l #	56
56) Ethyl methacrylate	10.485	69	592	3.27	ug/l #	1
57) 1,3-Dichloropropane	10.707	76	26375	4.76	ug/l #	43
59) 2-Hexanone	10.707	43	321731	110.45	ug/l #	53
71) Bromoform	12.346	173	1245	0.50	ug/l #	1
76) 1,2,3-Trichloropropane	12.346	75	92129	22.83	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.346	75	92129	61.84	ug/l #	12

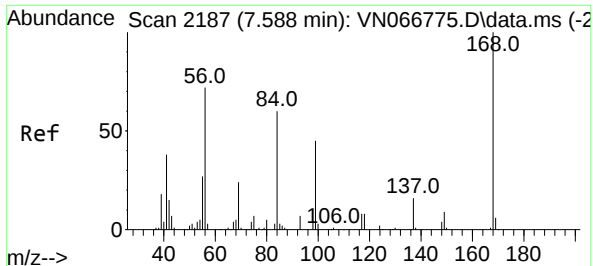
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042921\
Data File : VN066895.D
Acq On : 30 Apr 2021 5:17
Operator : JC/MD
Sample : PB136054ZHE#08
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Apr 30 06:34:08 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

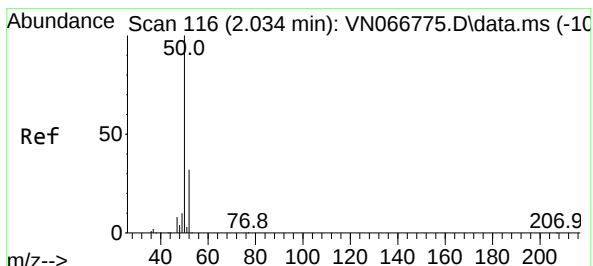
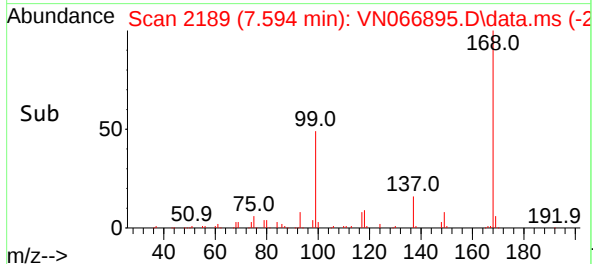
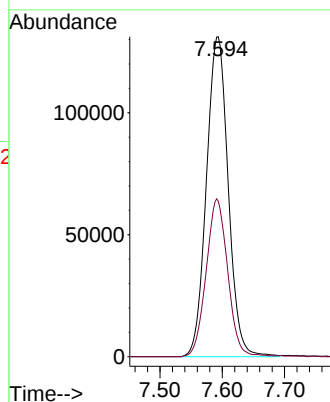
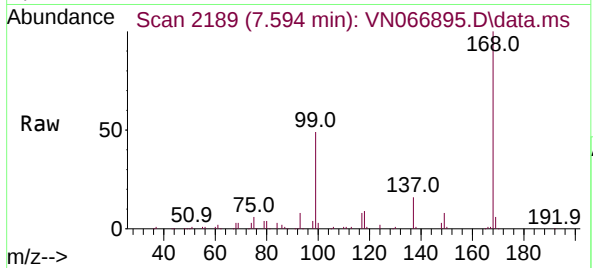




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.594 min Scan# 2189
Delta R.T. 0.006 min
Lab File: VN066895.D
Acq: 30 Apr 2021 5:17

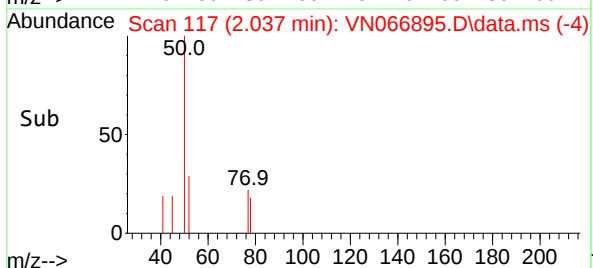
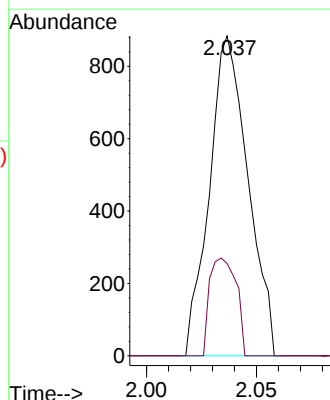
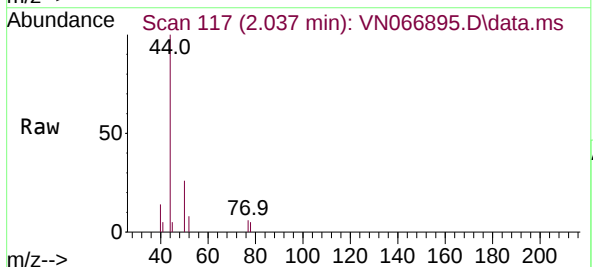
Instrument :
MSVOA_N
ClientSampled :

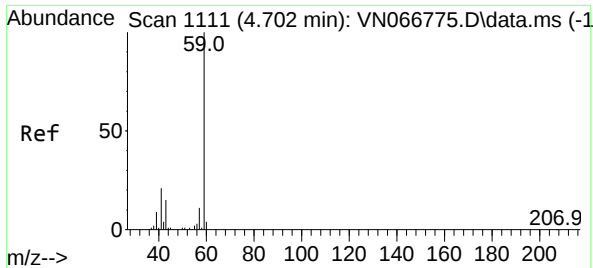
Tgt Ion:168 Resp: 318906
Ion Ratio Lower Upper
168 100
99 48.5 42.6 63.8



#3
Chloromethane
Concen: 0.24 ug/l
RT: 2.037 min Scan# 117
Delta R.T. 0.003 min
Lab File: VN066895.D
Acq: 30 Apr 2021 5:17

Tgt Ion: 50 Resp: 1079
Ion Ratio Lower Upper
50 100
52 28.8 25.8 38.8

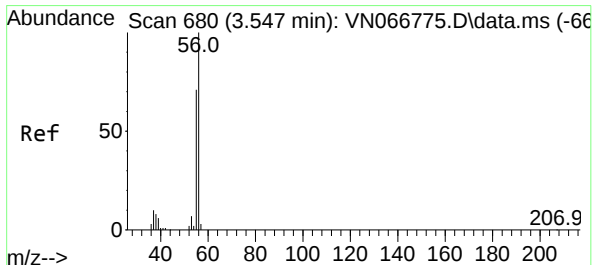
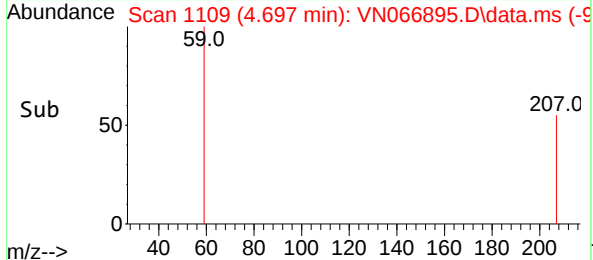
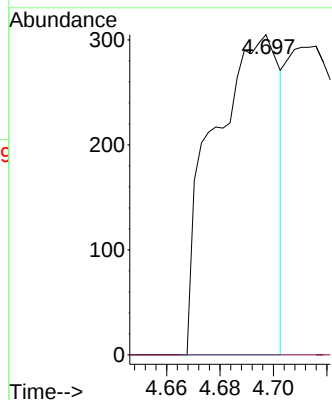
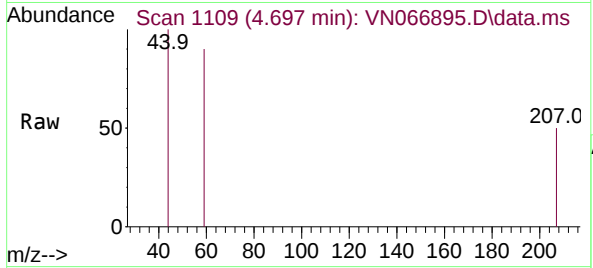




#11
Tert butyl alcohol
Concen: 0.82 ug/l
RT: 4.697 min Scan# 1109
Delta R.T. -0.005 min
Lab File: VN066895.D
Acq: 30 Apr 2021 5:17

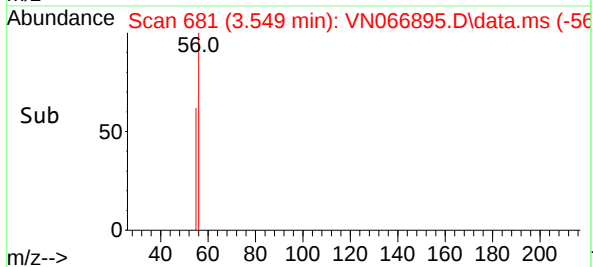
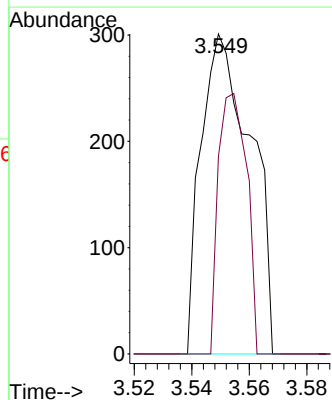
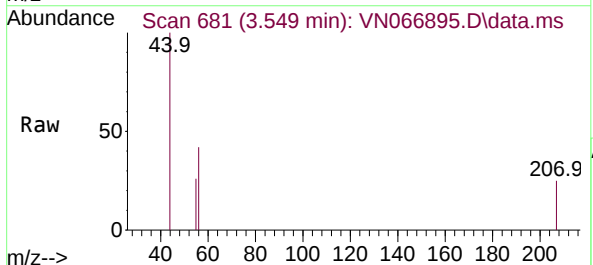
Instrument :
MSVOA_N
ClientSampled :

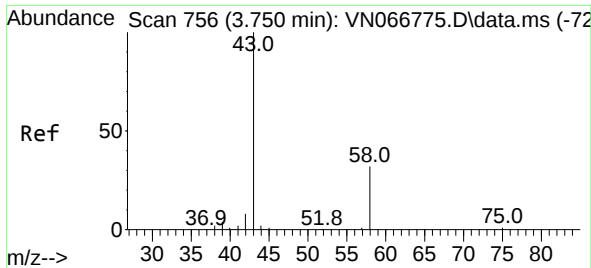
Tgt Ion: 59 Resp: 521
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#



#13
Acrolein
Concen: 0.68 ug/l
RT: 3.549 min Scan# 681
Delta R.T. 0.002 min
Lab File: VN066895.D
Acq: 30 Apr 2021 5:17

Tgt Ion: 56 Resp: 361
Ion Ratio Lower Upper
56 100
55 46.3 56.0 84.0#

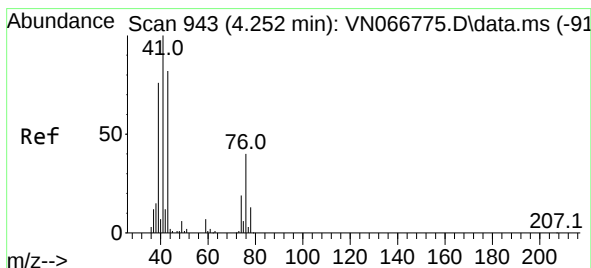
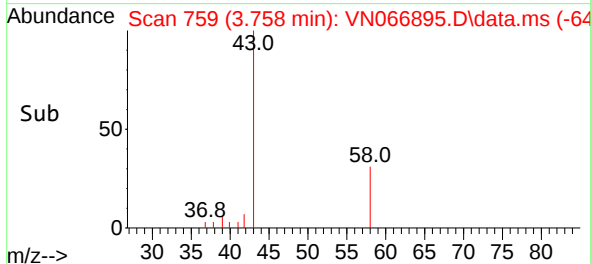
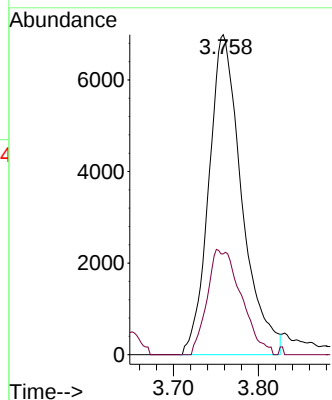
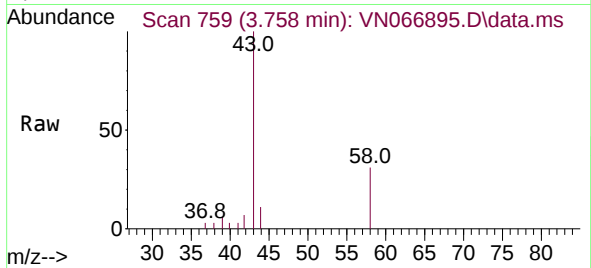




#16
Acetone
Concen: 12.18 ug/l
RT: 3.758 min Scan# 759
Delta R.T. 0.008 min
Lab File: VN066895.D
Acq: 30 Apr 2021 5:17

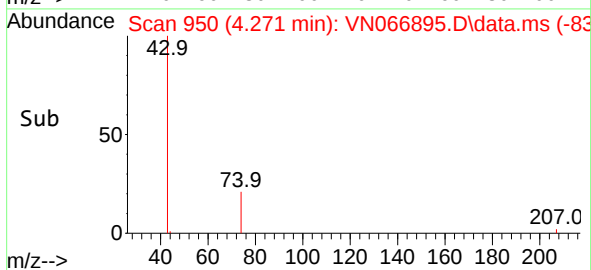
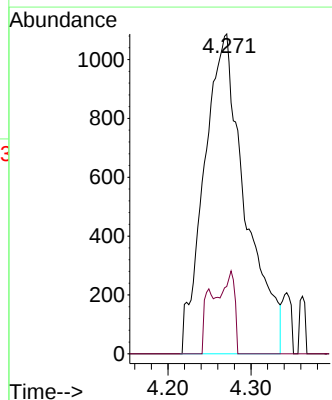
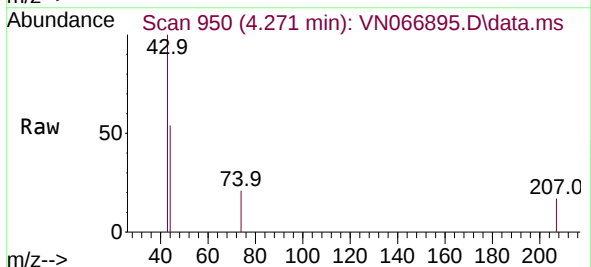
Instrument :
MSVOA_N
ClientSampled :

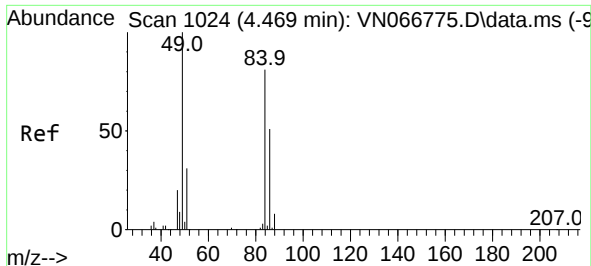
Tgt Ion: 43 Resp: 18822
Ion Ratio Lower Upper
43 100
58 31.5 27.0 40.6



#18
Methyl Acetate
Concen: 1.99 ug/l
RT: 4.271 min Scan# 950
Delta R.T. 0.019 min
Lab File: VN066895.D
Acq: 30 Apr 2021 5:17

Tgt Ion: 43 Resp: 3736
Ion Ratio Lower Upper
43 100
74 0.0 19.5 29.3#





#20

Methylene Chloride

Concen: 7.25 ug/l

RT: 4.472 min Scan# 1025

Delta R.T. 0.003 min

Lab File: VN066895.D

Acq: 30 Apr 2021 5:17

Tgt Ion: 84 Resp: 28402

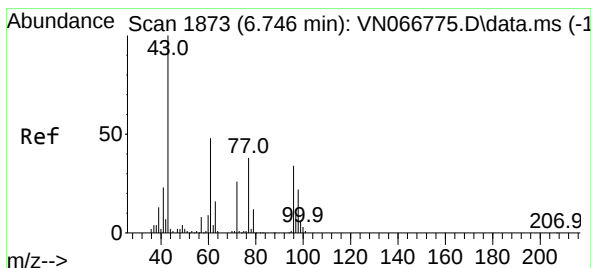
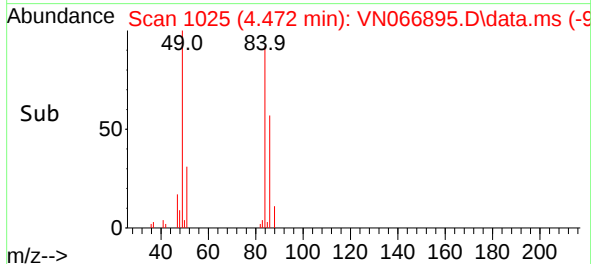
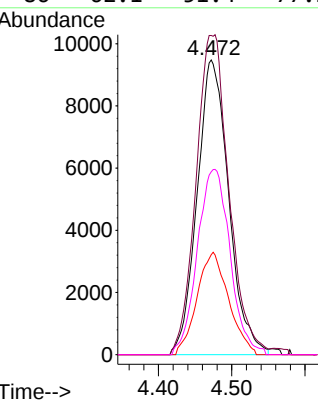
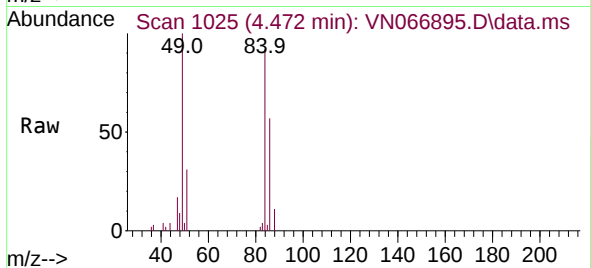
Ion Ratio Lower Upper

84 100

49 108.3 94.6 141.8

51 33.9 29.9 44.9

86 62.1 51.4 77.2



#25

2-Butanone

Concen: 3.87 ug/l

RT: 6.768 min Scan# 1881

Delta R.T. 0.022 min

Lab File: VN066895.D

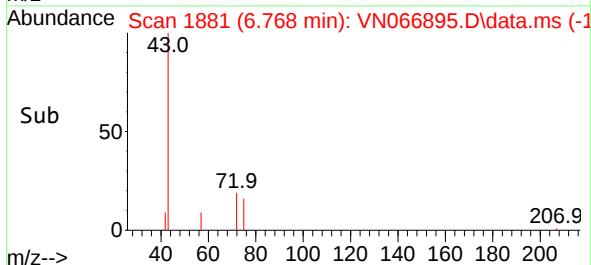
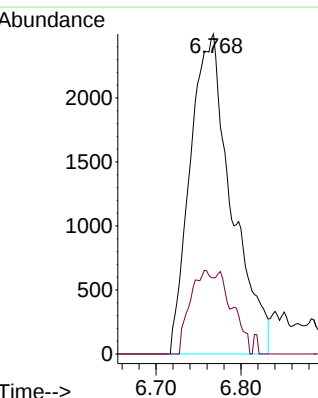
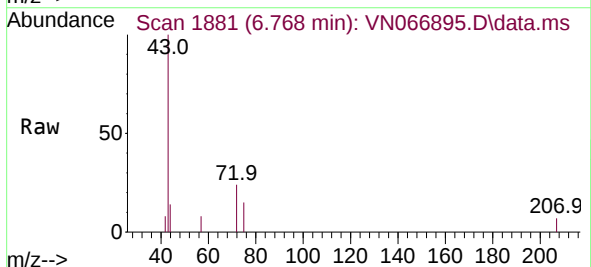
Acq: 30 Apr 2021 5:17

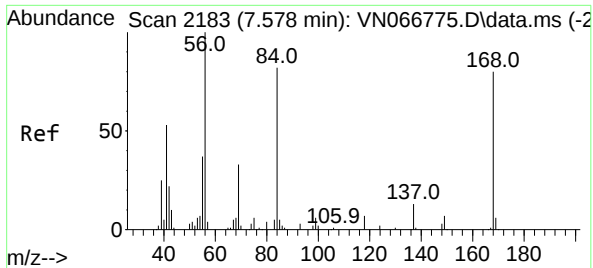
Tgt Ion: 43 Resp: 8420

Ion Ratio Lower Upper

43 100

72 23.8 23.1 34.7

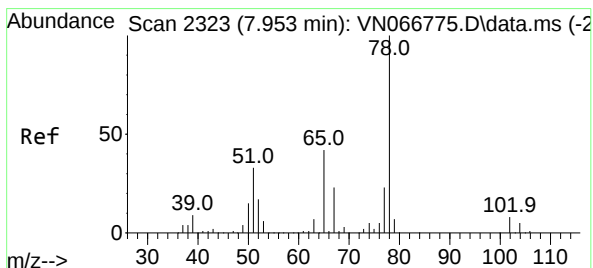
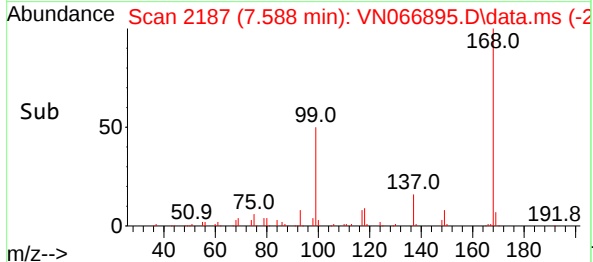
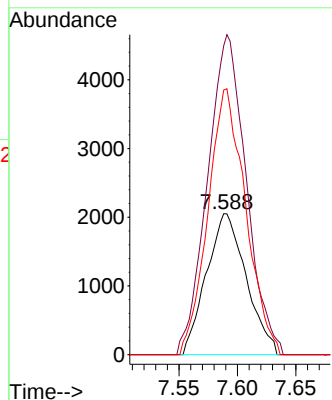
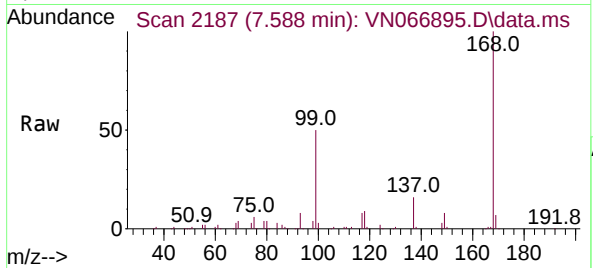




#31
Cyclohexane
Concen: 0.77 ug/l
RT: 7.588 min Scan# 2187
Delta R.T. 0.010 min
Lab File: VN066895.D
Acq: 30 Apr 2021 5:17

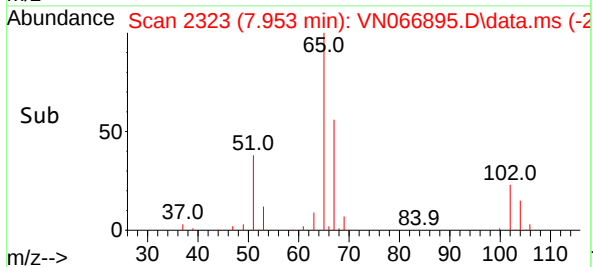
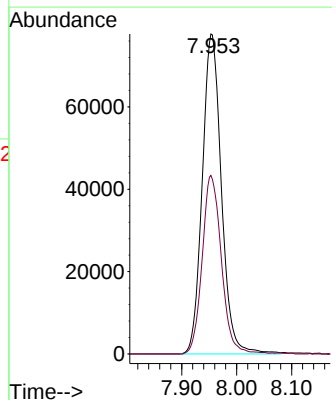
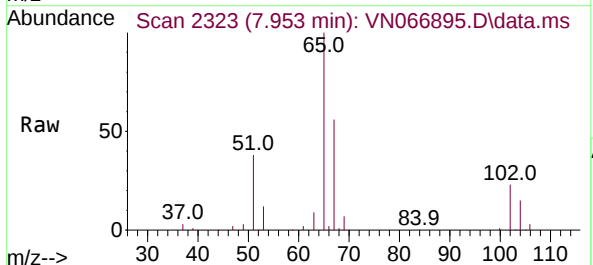
Instrument :
MSVOA_N
ClientSampled :

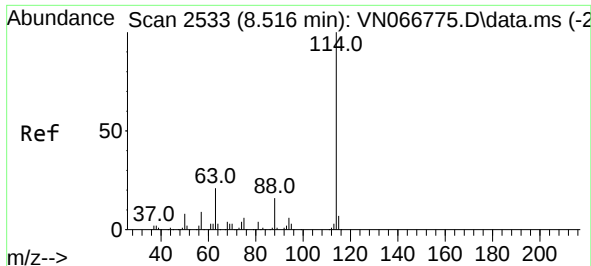
Tgt Ion: 56 Resp: 4855
Ion Ratio Lower Upper
56 100
69 210.9 26.6 39.8#
84 187.8 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 45.89 ug/l
RT: 7.953 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VN066895.D
Acq: 30 Apr 2021 5:17

Tgt Ion: 65 Resp: 188037
Ion Ratio Lower Upper
65 100
67 55.8 0.0 107.2

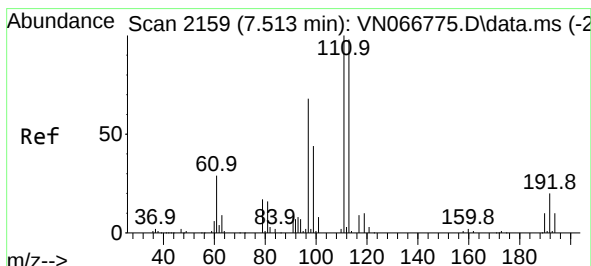
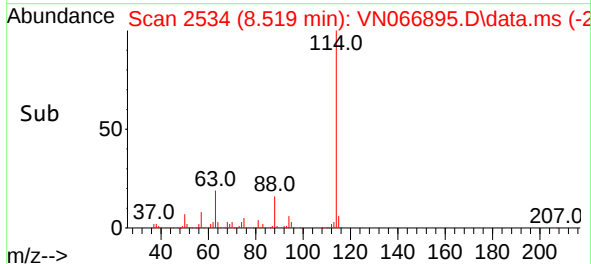
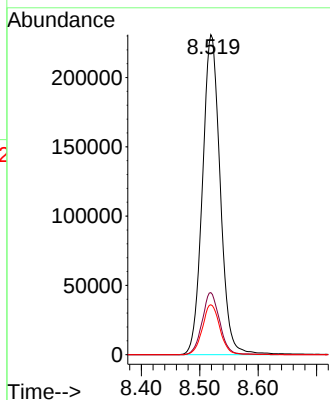
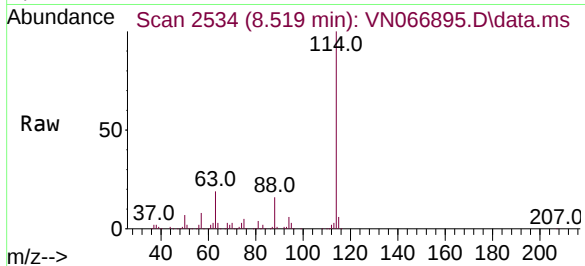




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.519 min Scan# 2534
Delta R.T. 0.003 min
Lab File: VN066895.D
Acq: 30 Apr 2021 5:17

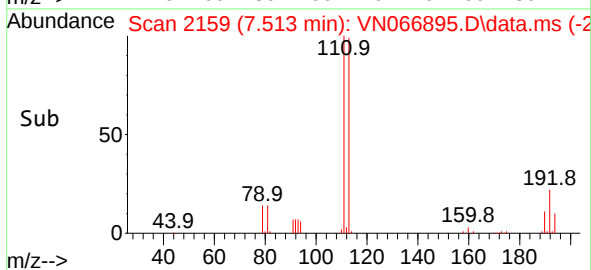
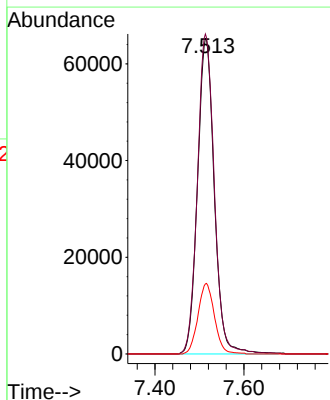
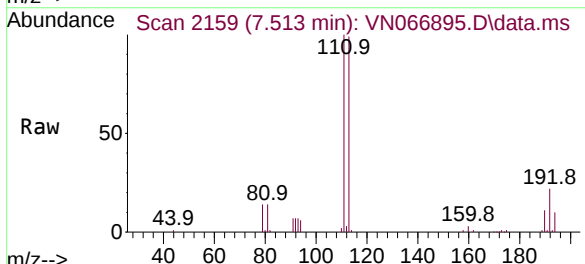
Instrument :
MSVOA_N
ClientSampleId :

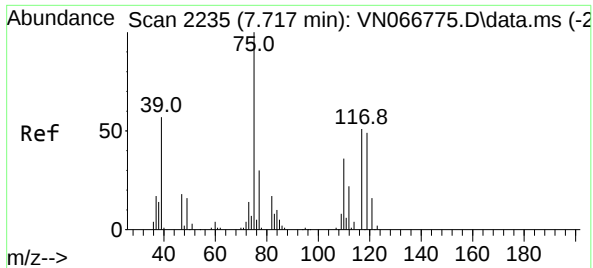
Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	38.6
88	15.6	0.0	30.6



#35
Dibromofluoromethane
Concen: 56.90 ug/l
RT: 7.513 min Scan# 2159
Delta R.T. 0.000 min
Lab File: VN066895.D
Acq: 30 Apr 2021 5:17

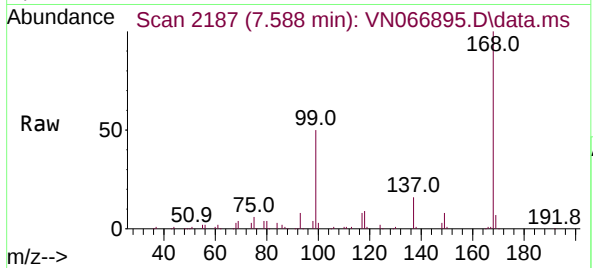
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.2	82.2	123.2
192	22.0	15.4	23.0



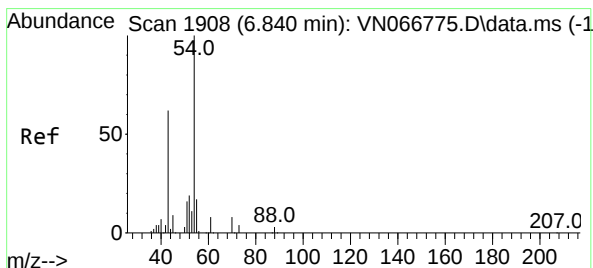
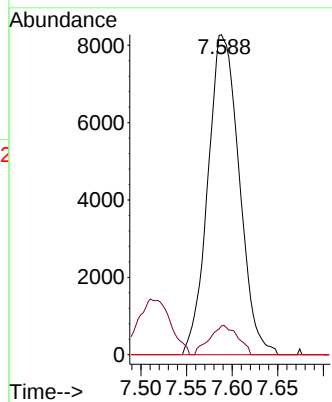
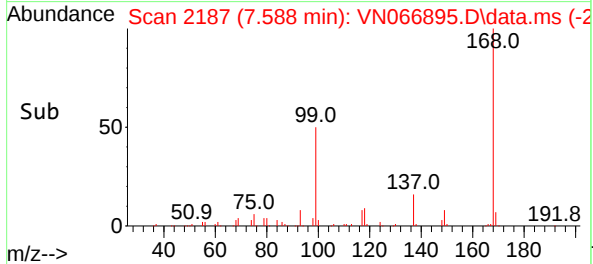


#36
1,1-Dichloropropene
Concen: 4.39 ug/l
RT: 7.588 min Scan# 2187
Delta R.T. -0.129 min
Lab File: VN066895.D
Acq: 30 Apr 2021 5:17

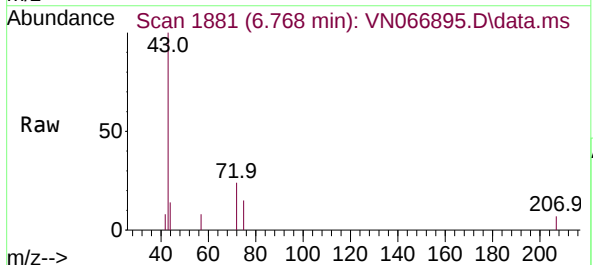
Instrument :
MSVOA_N
ClientSampleId :



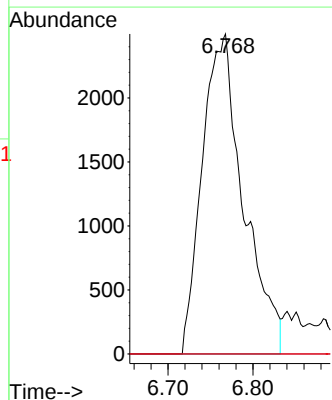
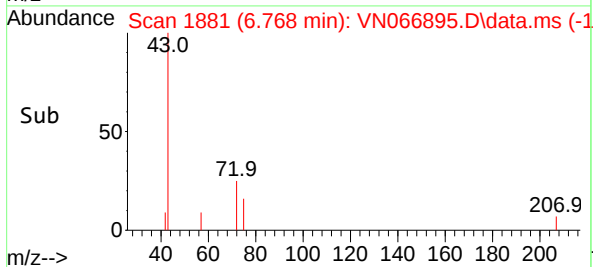
Tgt Ion: 75 Resp: 19819
Ion Ratio Lower Upper
75 100
110 8.2 18.2 54.6#
77 0.0 24.9 37.3#

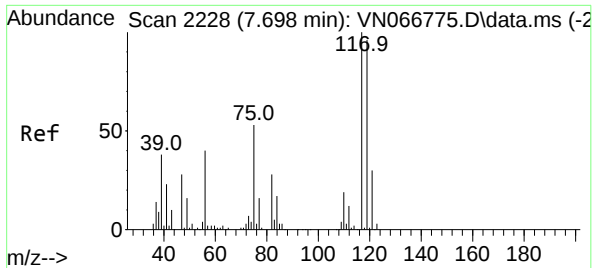


#37
Ethyl Acetate
Concen: 1.75 ug/l
RT: 6.768 min Scan# 1881
Delta R.T. -0.072 min
Lab File: VN066895.D
Acq: 30 Apr 2021 5:17



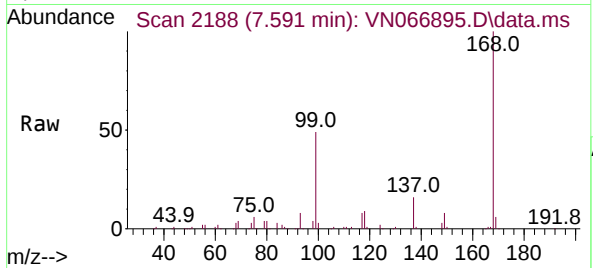
Tgt Ion: 43 Resp: 8420
Ion Ratio Lower Upper
43 100
61 0.0 11.6 17.4#
70 0.0 8.6 13.0#



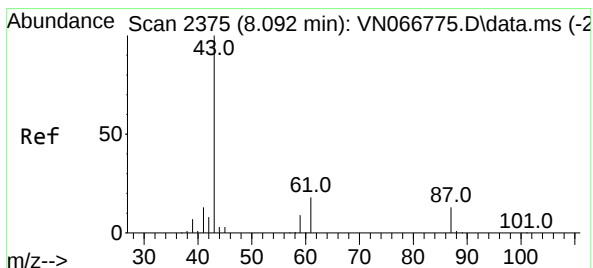
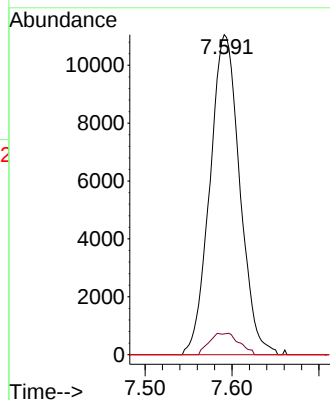
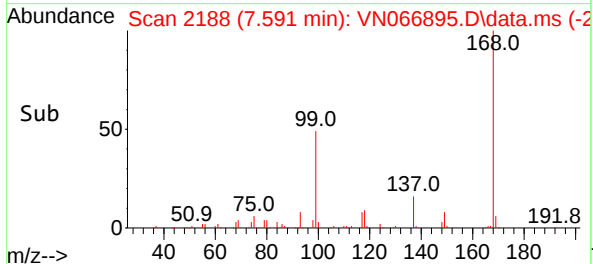


#38
Carbon Tetrachloride
Concen: 6.09 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. -0.107 min
Lab File: VN066895.D
Acq: 30 Apr 2021 5:17

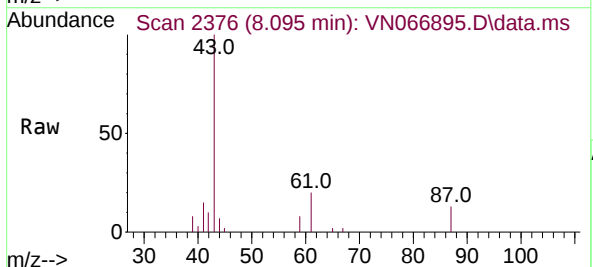
Instrument :
MSVOA_N
ClientSampled :



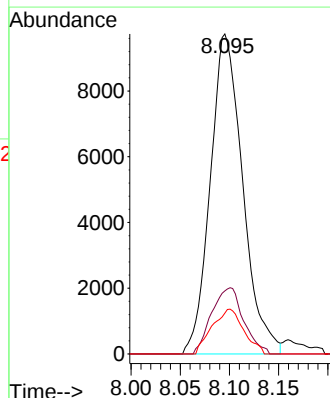
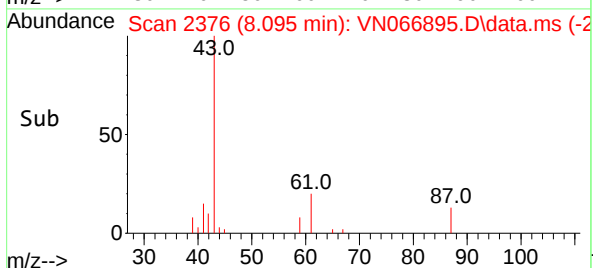
Tgt Ion:117 Resp: 26398
Ion Ratio Lower Upper
117 100
119 6.5 76.0 114.0#
121 0.0 24.5 36.7#

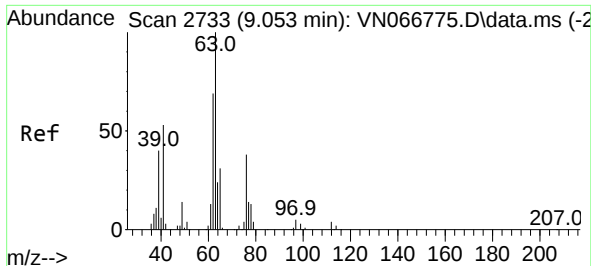


#43
Isopropyl Acetate
Concen: 2.93 ug/l
RT: 8.095 min Scan# 2376
Delta R.T. 0.003 min
Lab File: VN066895.D
Acq: 30 Apr 2021 5:17



Tgt Ion: 43 Resp: 22330
Ion Ratio Lower Upper
43 100
61 20.4 22.5 33.7#
87 13.7 11.1 16.7





#45

1,2-Dichloropropane

Concen: 0.45 ug/l

RT: 9.203 min Scan# 2789

Delta R.T. 0.150 min

Lab File: VN066895.D

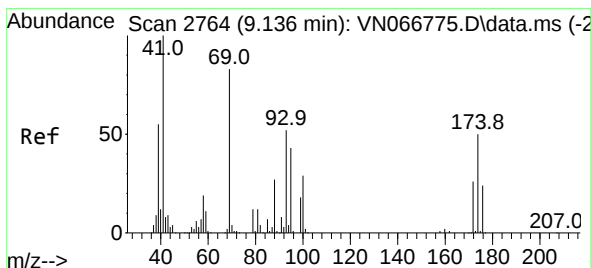
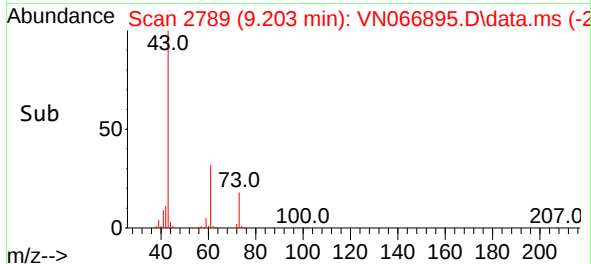
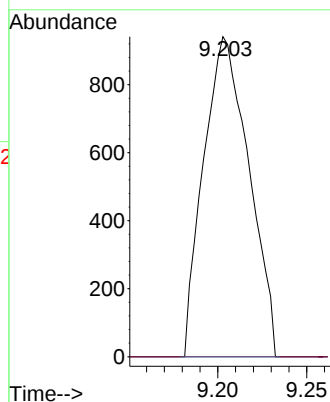
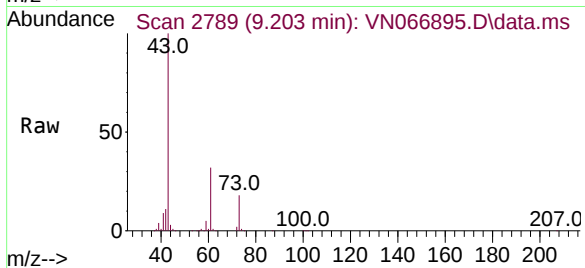
Acq: 30 Apr 2021 5:17

Tgt Ion: 63 Resp: 1667

Ion Ratio Lower Upper

63 100

65 0.0 24.9 37.3#



#48

Methyl methacrylate

Concen: 1.62 ug/l

RT: 9.114 min Scan# 2756

Delta R.T. -0.022 min

Lab File: VN066895.D

Acq: 30 Apr 2021 5:17

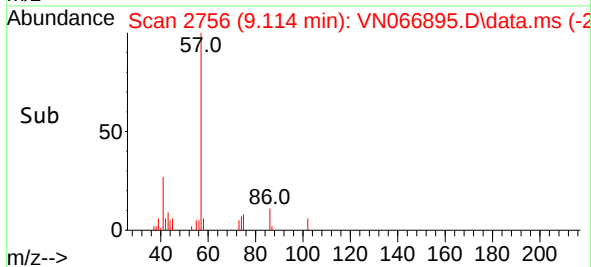
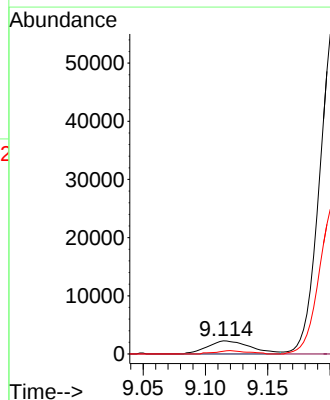
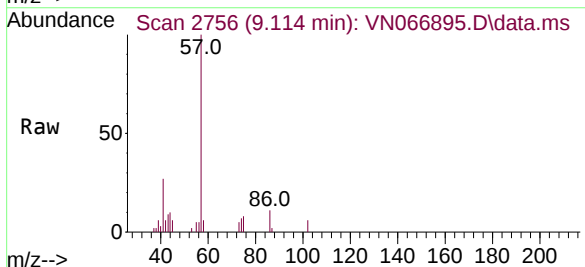
Tgt Ion: 41 Resp: 5400

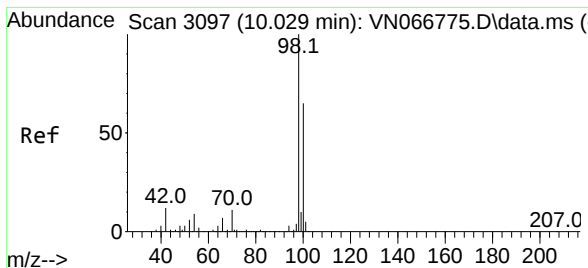
Ion Ratio Lower Upper

41 100

69 0.0 75.9 113.9#

39 0.0 46.6 69.8#

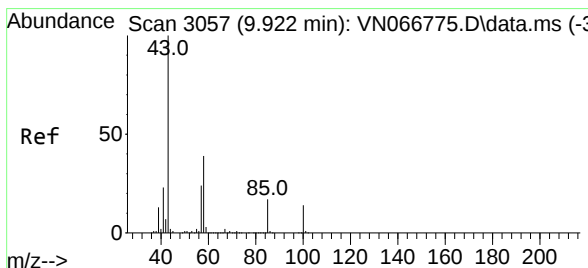
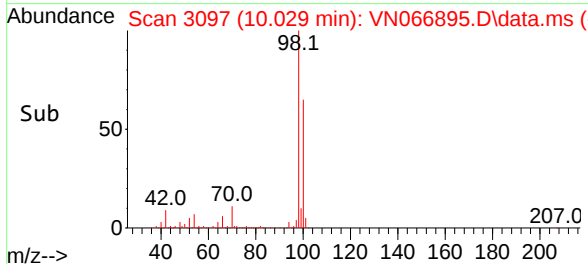
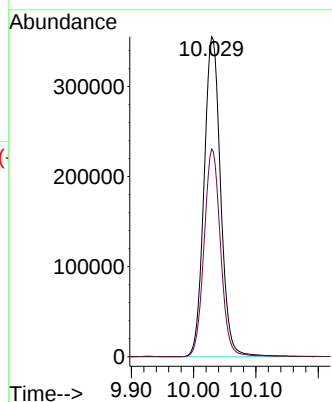
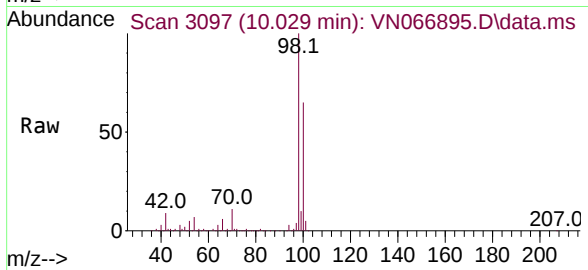




#50
Toluene-d8
Concen: 55.63 ug/l
RT: 10.029 min Scan# 3097
Delta R.T. -0.000 min
Lab File: VN066895.D
Acq: 30 Apr 2021 5:17

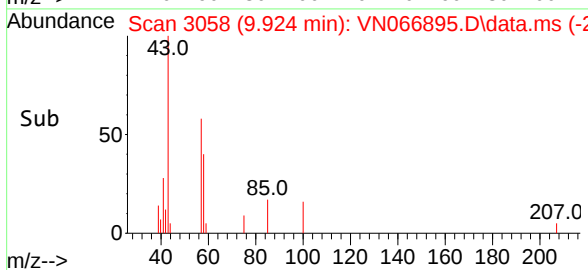
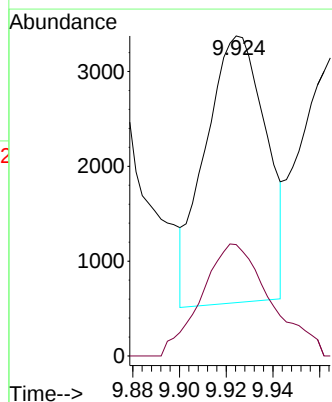
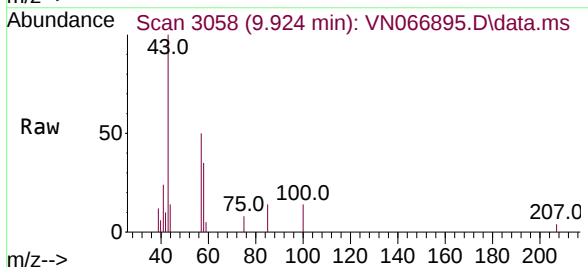
Instrument :
MSVOA_N
ClientSampled :

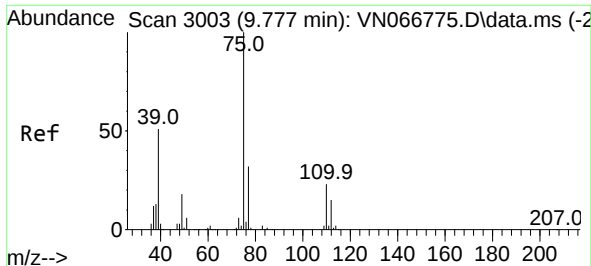
Tgt Ion: 98 Resp: 655633
Ion Ratio Lower Upper
98 100
100 64.7 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 1.22 ug/l
RT: 9.924 min Scan# 3058
Delta R.T. 0.002 min
Lab File: VN066895.D
Acq: 30 Apr 2021 5:17

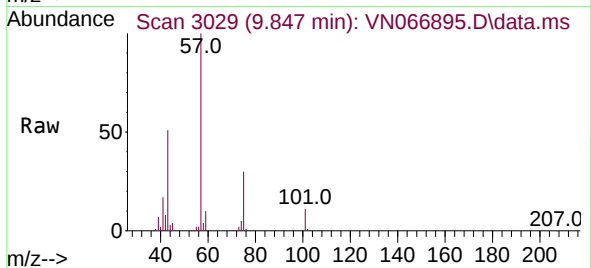
Tgt Ion: 43 Resp: 5062
Ion Ratio Lower Upper
43 100
58 47.8 32.5 48.7



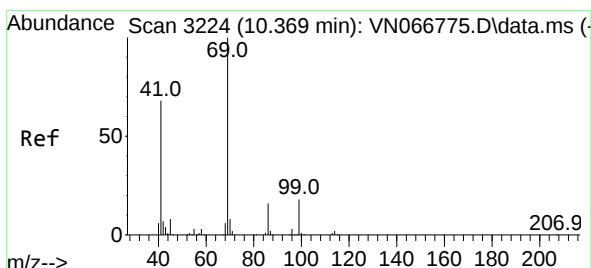
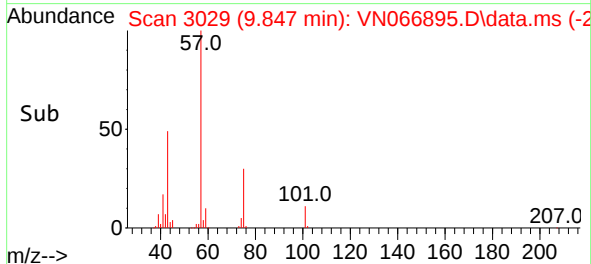
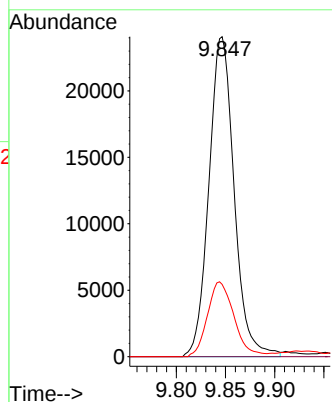


#54
 cis-1,3-Dichloropropene
 Concen: 7.49 ug/l
 RT: 9.847 min Scan# 3029
 Delta R.T. 0.070 min
 Lab File: VN066895.D
 Acq: 30 Apr 2021 5:17

Instrument :
 MSVOA_N
 ClientSampled :

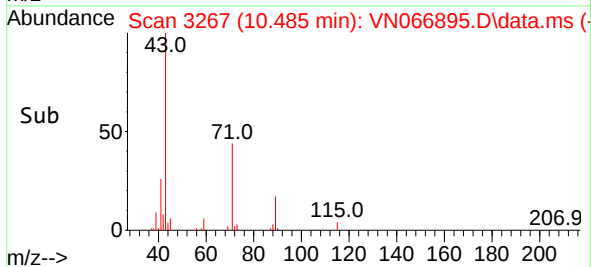
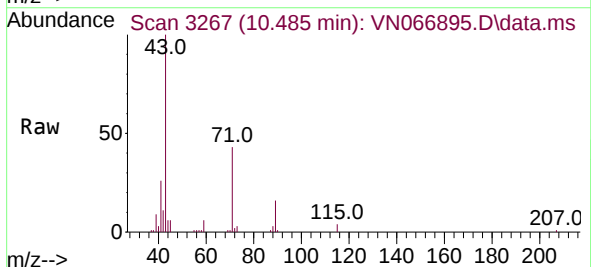
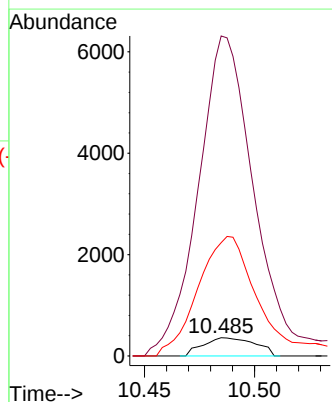


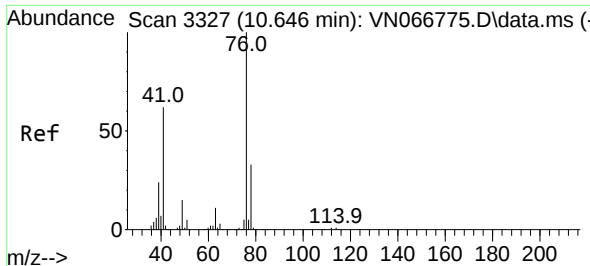
Tgt Ion: 75 Resp: 43047
 Ion Ratio Lower Upper
 75 100
 77 0.0 24.9 37.3#
 39 22.6 36.2 54.4#



#56
 Ethyl methacrylate
 Concen: 3.27 ug/l
 RT: 10.485 min Scan# 3267
 Delta R.T. 0.116 min
 Lab File: VN066895.D
 Acq: 30 Apr 2021 5:17

Tgt Ion: 69 Resp: 592
 Ion Ratio Lower Upper
 69 100
 41 1915.4 49.6 74.4#
 39 780.1 28.0 42.0#

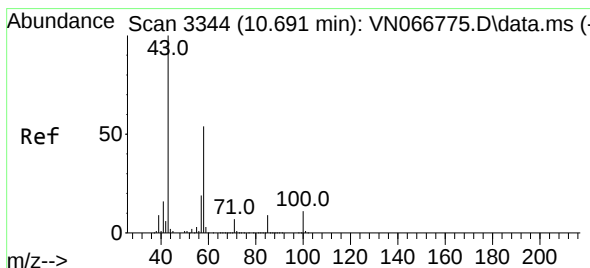
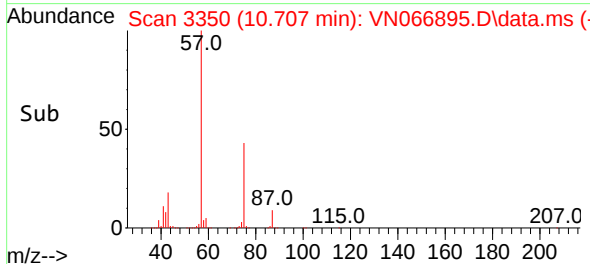
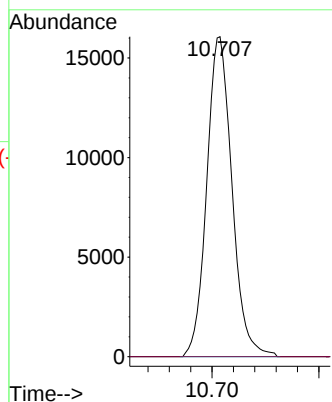
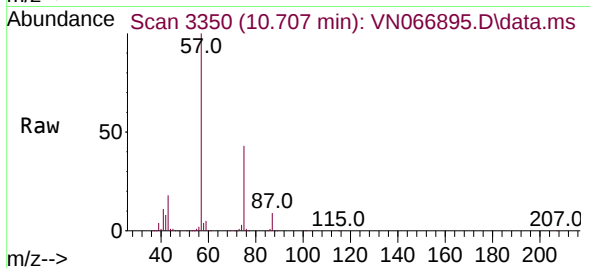




#57
1,3-Dichloropropane
Concen: 4.76 ug/l
RT: 10.707 min Scan# 3350
Delta R.T. 0.061 min
Lab File: VN066895.D
Acq: 30 Apr 2021 5:17

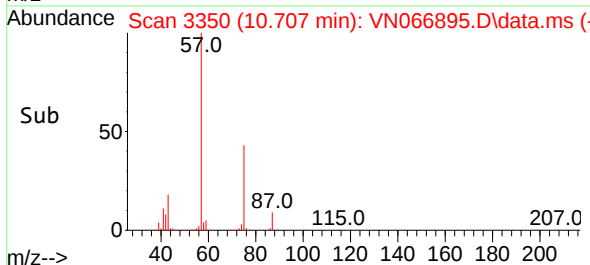
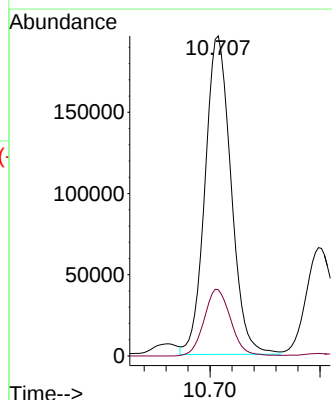
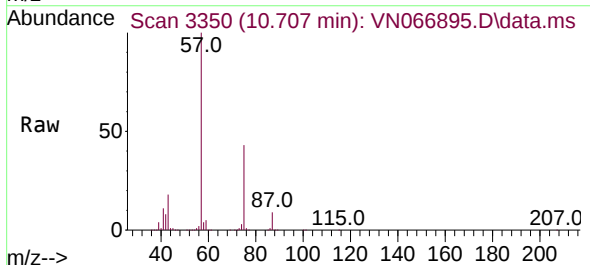
Instrument :
MSVOA_N
ClientSampled :

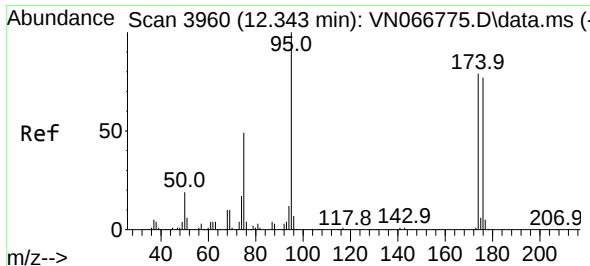
Tgt Ion: 76 Resp: 26375
Ion Ratio Lower Upper
76 100
78 0.0 25.7 38.5#



#59
2-Hexanone
Concen: 110.45 ug/l
RT: 10.707 min Scan# 3350
Delta R.T. 0.016 min
Lab File: VN066895.D
Acq: 30 Apr 2021 5:17

Tgt Ion: 43 Resp: 321731
Ion Ratio Lower Upper
43 100
58 21.6 28.1 84.3#

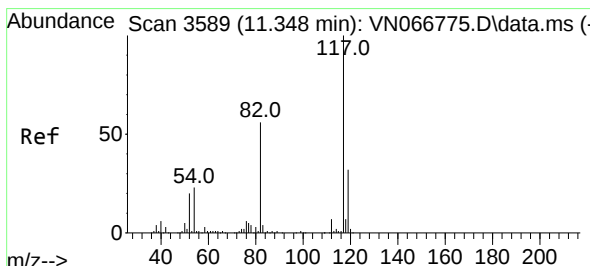
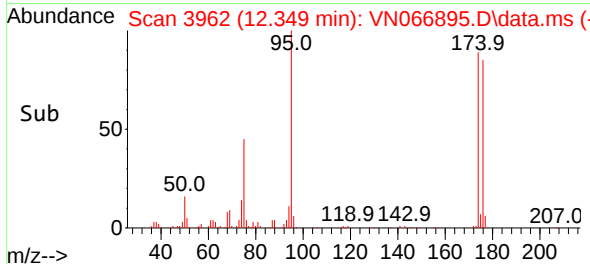
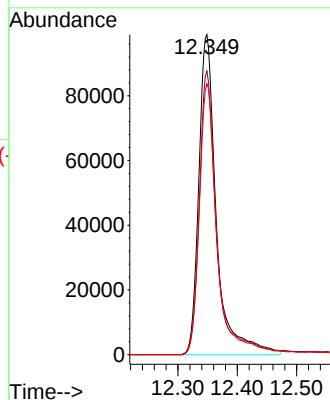
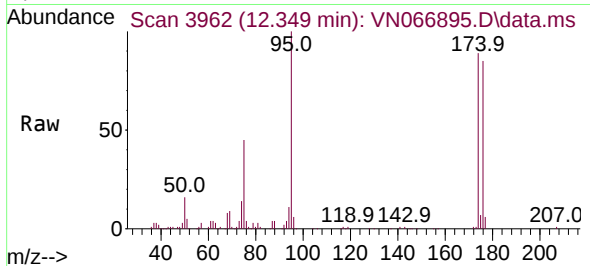




#62
4-Bromofluorobenzene
Concen: 51.30 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. 0.006 min
Lab File: VN066895.D
Acq: 30 Apr 2021 5:17

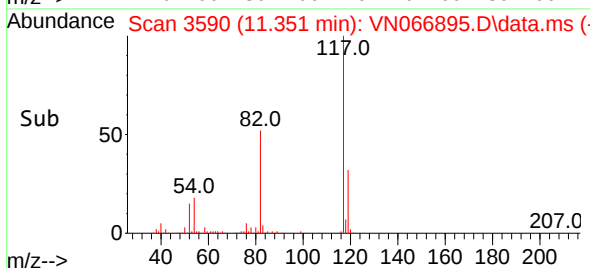
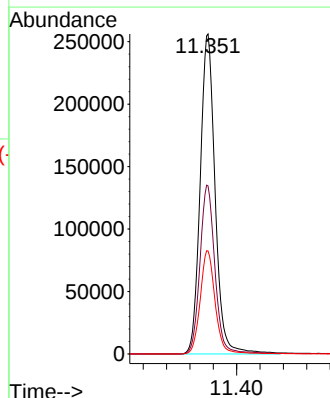
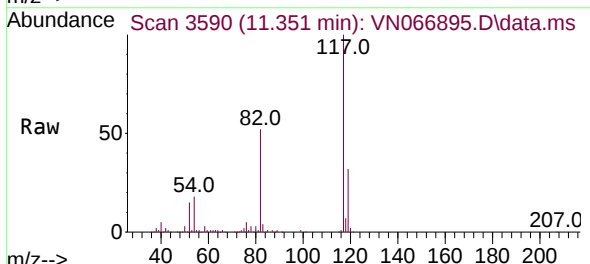
Instrument :
MSVOA_N
ClientSampled :

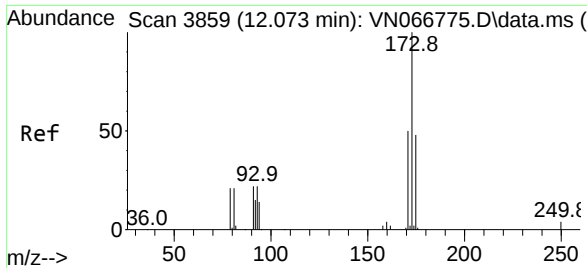
Tgt Ion: 95 Resp: 204580
Ion Ratio Lower Upper
95 100
174 88.0 0.0 169.0
176 84.6 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.351 min Scan# 3590
Delta R.T. 0.003 min
Lab File: VN066895.D
Acq: 30 Apr 2021 5:17

Tgt Ion: 117 Resp: 456266
Ion Ratio Lower Upper
117 100
82 52.5 43.7 65.5
119 32.2 26.1 39.1

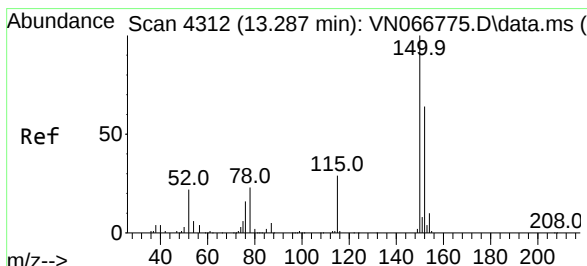
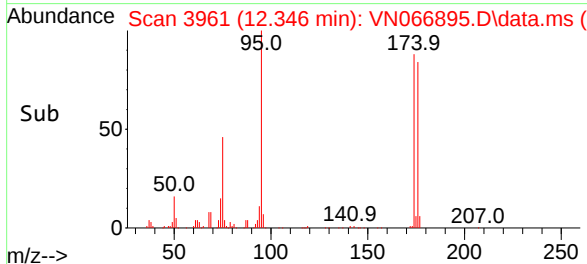
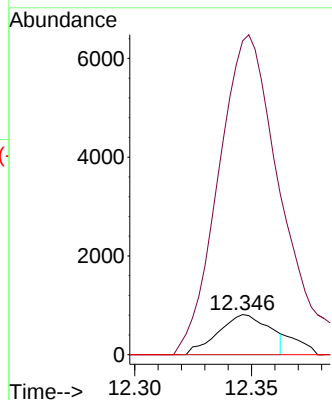
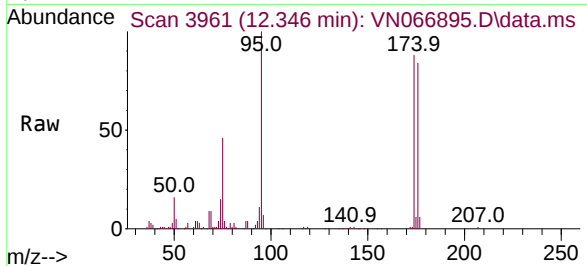




#71
Bromoform
Concen: 0.50 ug/l
RT: 12.346 min Scan# 3961
Delta R.T. 0.273 min
Lab File: VN066895.D
Acq: 30 Apr 2021 5:17

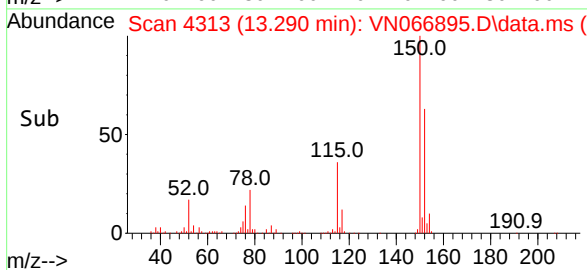
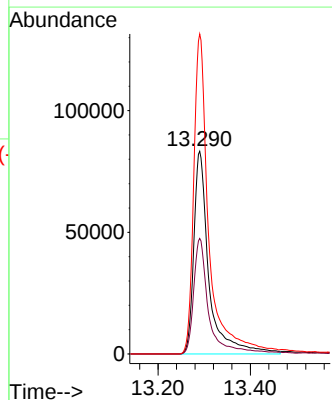
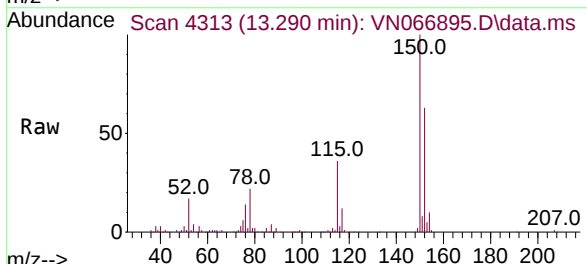
Instrument :
MSVOA_N
ClientSampled :

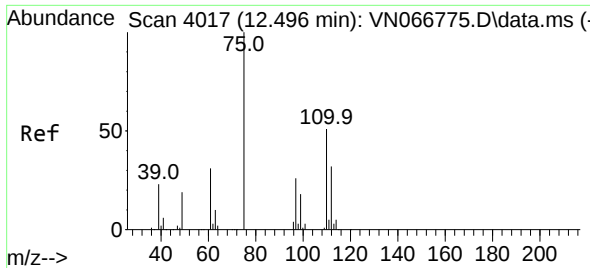
Tgt Ion:173 Resp: 1245
Ion Ratio Lower Upper
173 100
175 810.4 23.8 71.2#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.290 min Scan# 4313
Delta R.T. 0.003 min
Lab File: VN066895.D
Acq: 30 Apr 2021 5:17

Tgt Ion:152 Resp: 191425
Ion Ratio Lower Upper
152 100
115 56.0 28.5 85.6
150 157.2 0.0 347.6

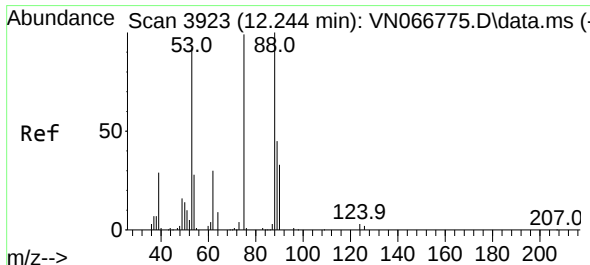
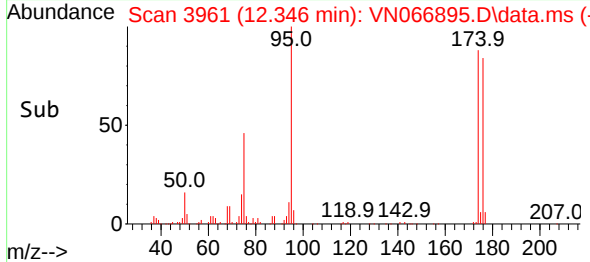
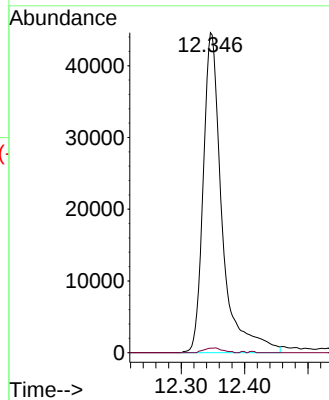
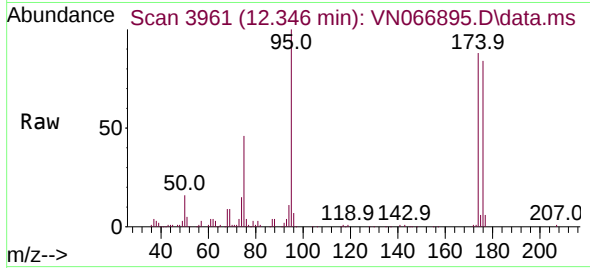




#76
1,2,3-Trichloropropane
Concen: 22.83 ug/l
RT: 12.346 min Scan# 3961
Delta R.T. -0.150 min
Lab File: VN066895.D
Acq: 30 Apr 2021 5:17

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion: 75 Resp: 92129
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.84 ug/l
RT: 12.346 min Scan# 3961
Delta R.T. 0.102 min
Lab File: VN066895.D
Acq: 30 Apr 2021 5:17

Tgt Ion: 75 Resp: 92129
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.4 35.8 53.8#

