

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082021\
 Data File : VX023862.D
 Acq On : 20 Aug 2021 00:51
 Operator : JC/MD
 Sample : M3468-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SAMPLE-7-(291.00)

Quant Time: Aug 20 03:17:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

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

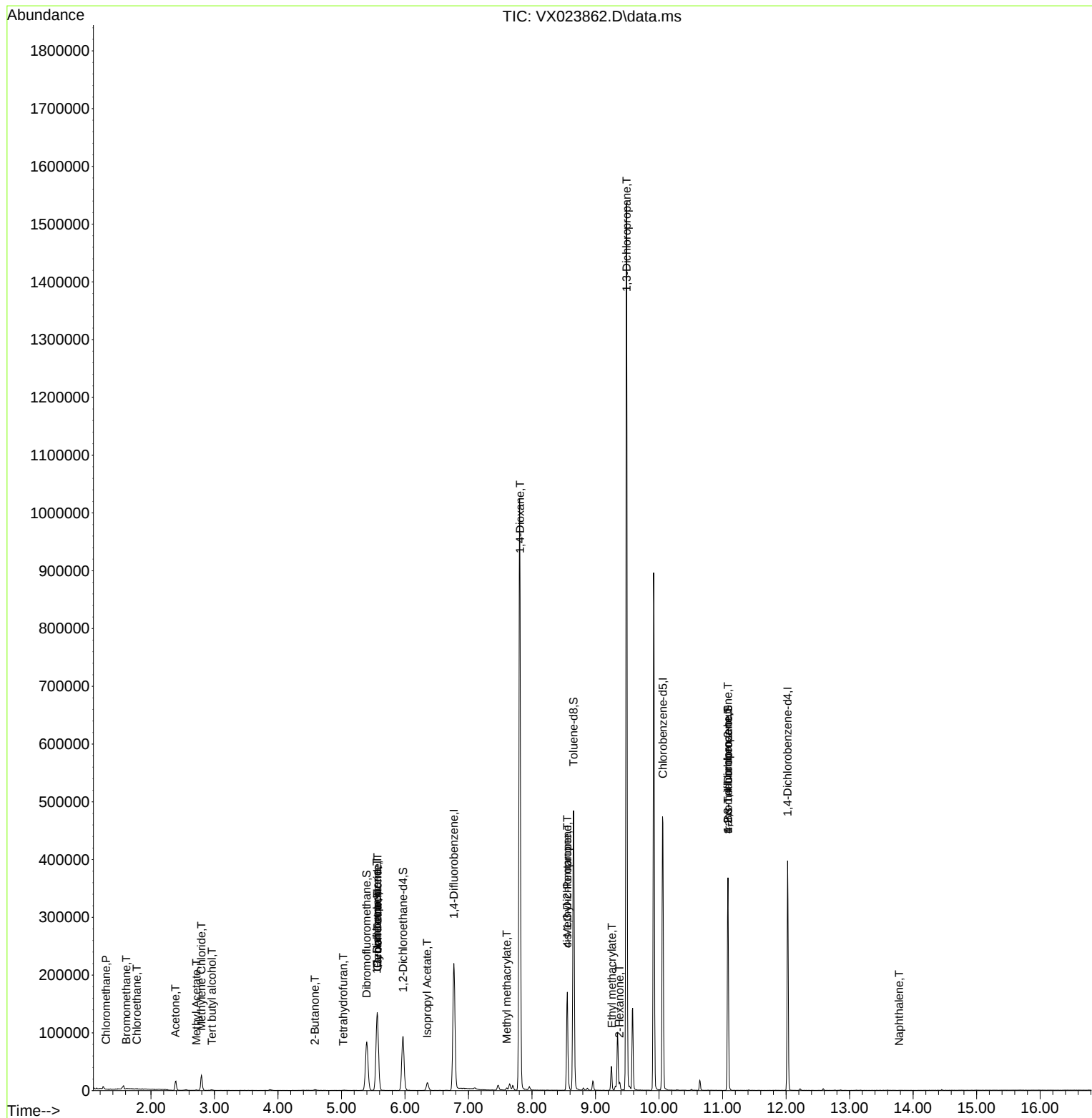
Internal Standards						
1) Pentafluorobenzene	5.562	168	123859	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	215755	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	210874	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	78982	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.971	65	90403	52.296	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.600%			
35) Dibromofluoromethane	5.397	113	71350	49.964	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.920%			
50) Toluene-d8	8.653	98	276684	50.906	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.820%			
62) 4-Bromofluorobenzene	11.085	95	89846	44.904	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 89.800%			
Target Compounds					Qvalue	
3) Chloromethane	1.295	50	330	0.230	ug/l	92
5) Bromomethane	1.612	94	567	0.645	ug/l #	76
6) Chloroethane	1.776	64	293	2.457	ug/l #	43
11) Tert butyl alcohol	2.959	59	913	2.612	ug/l #	73
16) Acetone	2.386	43	17675	22.867	ug/l	92
18) Methyl Acetate	2.715	43	1371	0.711	ug/l #	75
20) Methylene Chloride	2.794	84	11235	7.610	ug/l	92
25) 2-Butanone	4.580	43	1930	1.649	ug/l #	84
29) Tetrahydrofuran	5.026	42	183	0.241	ug/l #	36
31) Cyclohexane	5.562	56	2967	1.336	ug/l #	12
36) 1,1-Dichloropropene	5.556	75	10132	5.071	ug/l #	48
38) Carbon Tetrachloride	5.568	117	12855	6.170	ug/l #	15
43) Isopropyl Acetate	6.348	43	17797	4.633	ug/l	92
48) Methyl methacrylate	7.604	41	5308	2.832	ug/l #	10
49) 1,4-Dioxane	7.812	88	115	2.903	ug/l #	1
51) 4-Methyl-2-Pentanone	8.555	43	59271	23.867	ug/l #	44
54) cis-1,3-Dichloropropene	8.555	75	24104	10.072	ug/l #	72
56) Ethyl methacrylate	9.257	69	203	0.834	ug/l #	1
57) 1,3-Dichloropropane	9.488	76	12518	4.788	ug/l #	42
59) 2-Hexanone	9.378	43	5970	3.127	ug/l #	19
76) 1,2,3-Trichloropropane	11.085	75	48630	26.394	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	48630	77.640	ug/l #	12
95) Naphthalene	13.780	128	117	1.302	ug/l #	69

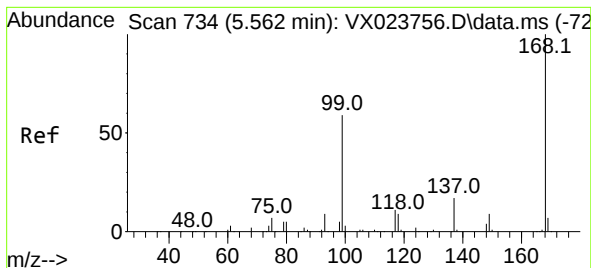
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 17 11:57:51 2021
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.000 min

Lab File: VX023862.D

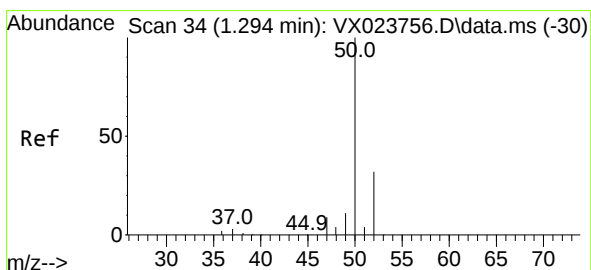
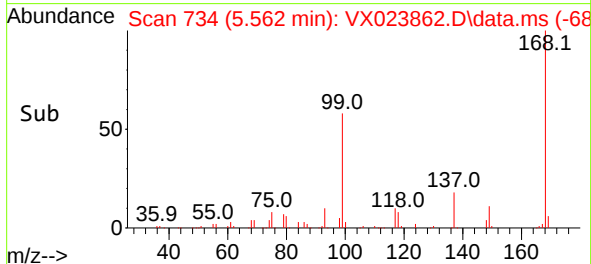
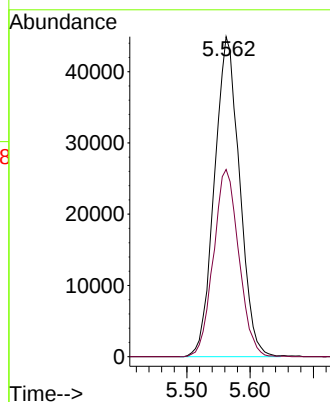
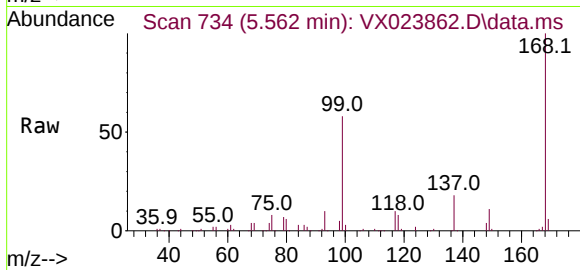
Acq: 20 Aug 2021 00:51

Tgt Ion:168 Resp: 123859

Ion Ratio Lower Upper

168 100

99 58.5 45.8 68.6



#3

Chloromethane

Concen: 0.230 ug/l

RT: 1.295 min Scan# 34

Delta R.T. 0.001 min

Lab File: VX023862.D

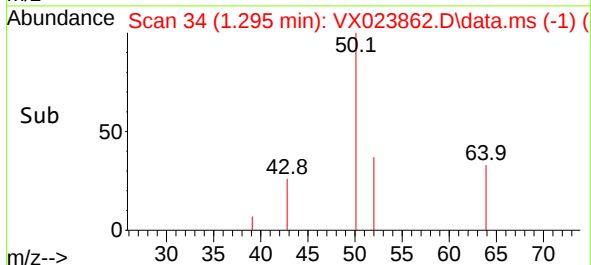
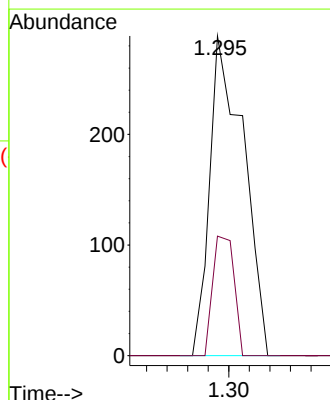
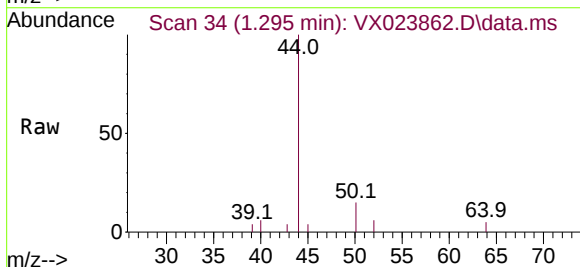
Acq: 20 Aug 2021 00:51

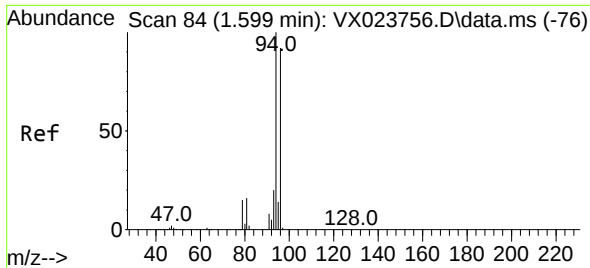
Tgt Ion: 50 Resp: 330

Ion Ratio Lower Upper

50 100

52 37.4 26.4 39.6

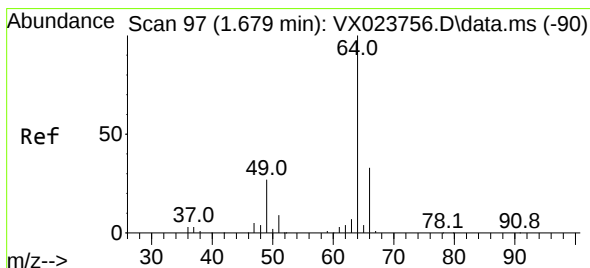
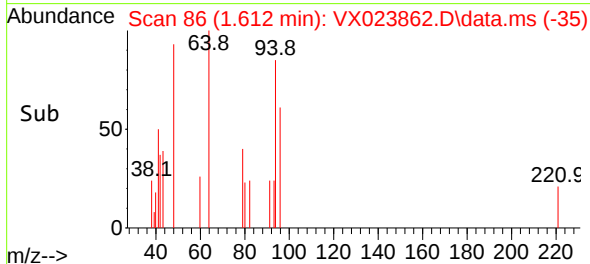
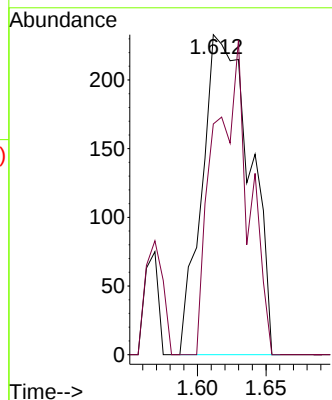
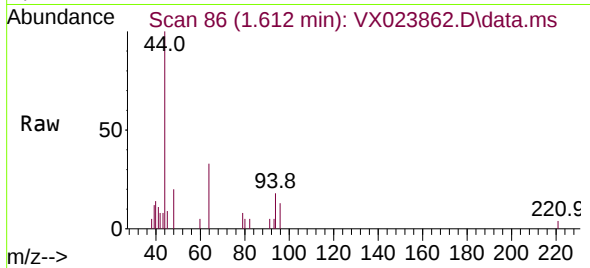




#5
Bromomethane
Concen: 0.645 ug/l
RT: 1.612 min Scan# 86
Delta R.T. 0.013 min
Lab File: VX023862.D
Acq: 20 Aug 2021 00:51

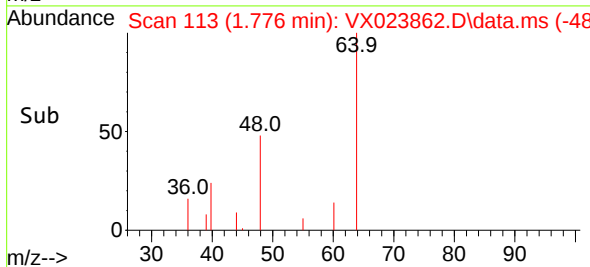
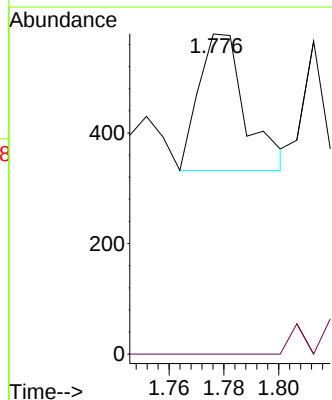
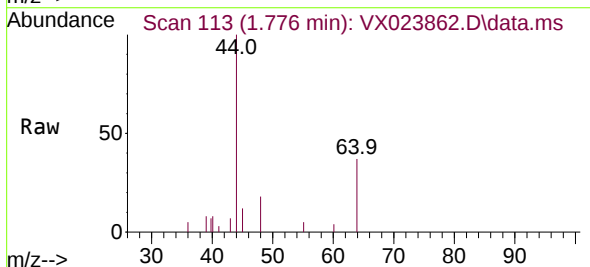
Instrument :
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ClientSampleId :
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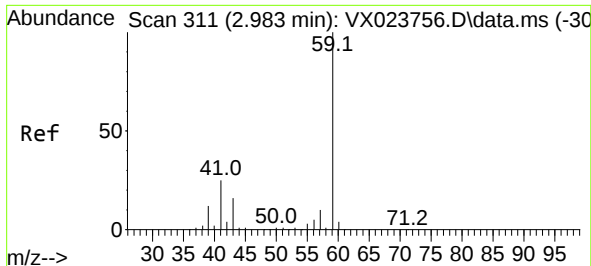
Tgt Ion: 94 Resp: 567
Ion Ratio Lower Upper
94 100
96 72.1 76.4 114.6#



#6
Chloroethane
Concen: 2.457 ug/l
RT: 1.776 min Scan# 113
Delta R.T. 0.097 min
Lab File: VX023862.D
Acq: 20 Aug 2021 00:51

Tgt Ion: 64 Resp: 293
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#

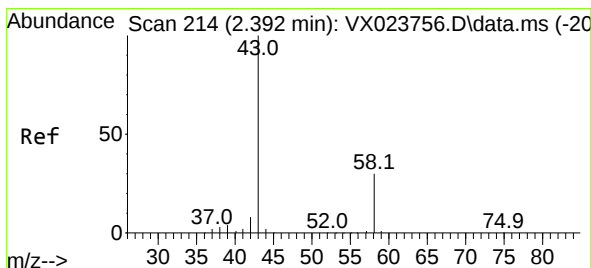
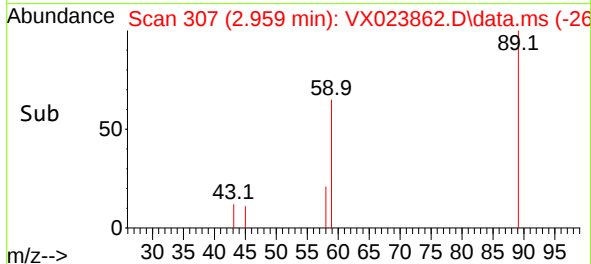
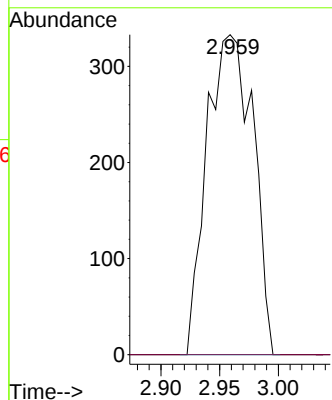
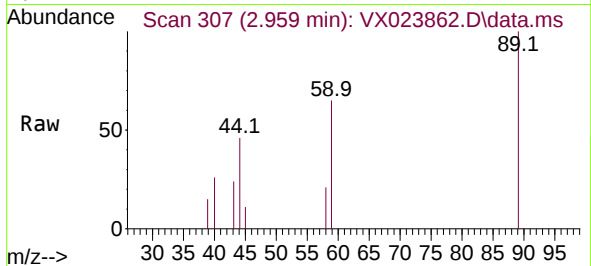




#11
Tert butyl alcohol
Concen: 2.612 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX023862.D
Acq: 20 Aug 2021 00:51

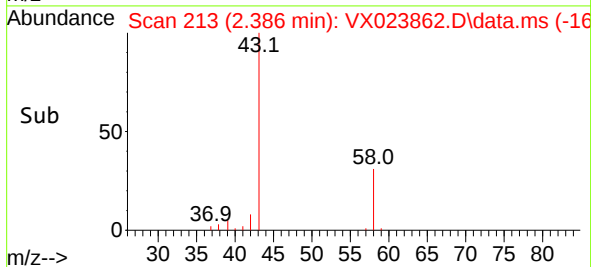
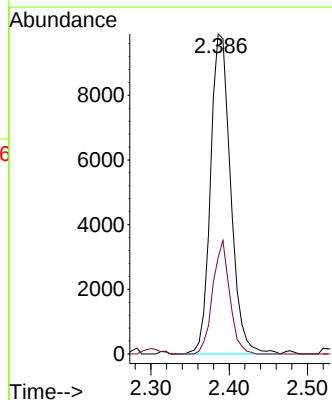
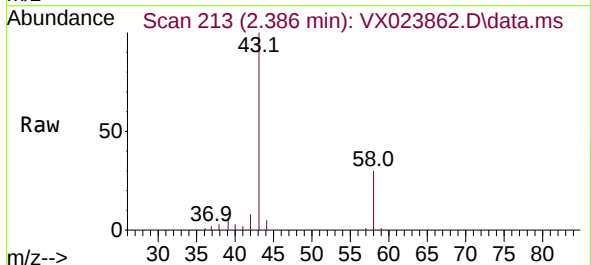
Instrument :
MSVOA_X
ClientSampleId :
SAMPLE-7-(291.00)

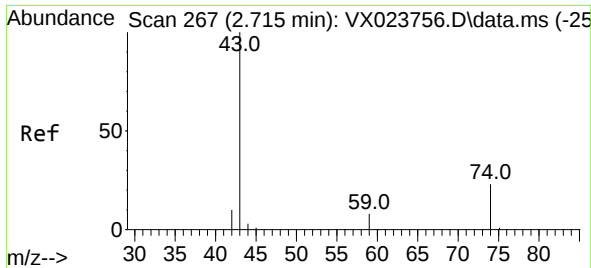
Tgt Ion: 59 Resp: 913
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 22.867 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX023862.D
Acq: 20 Aug 2021 00:51

Tgt Ion: 43 Resp: 17675
Ion Ratio Lower Upper
43 100
58 30.1 27.8 41.8

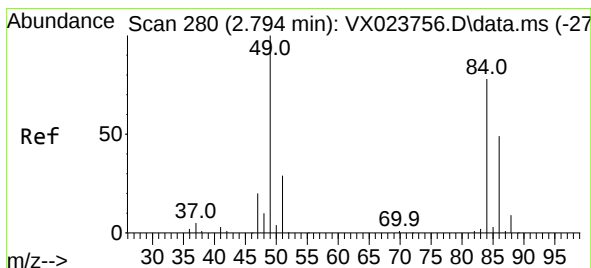
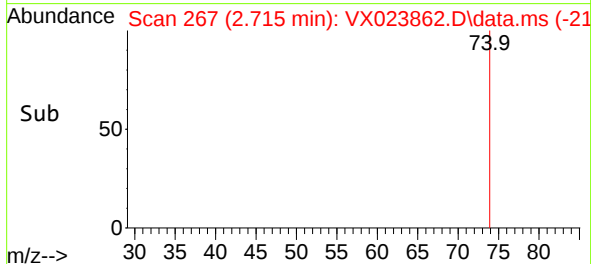
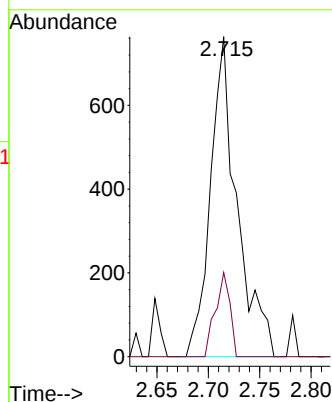
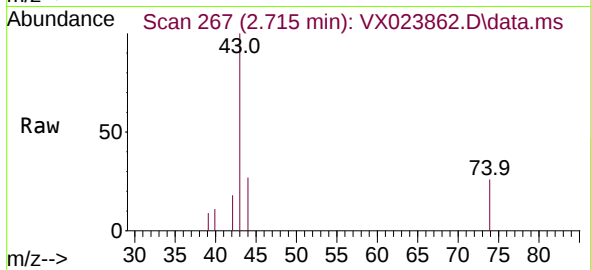




#18
Methyl Acetate
Concen: 0.711 ug/l
RT: 2.715 min Scan# 267
Delta R.T. -0.000 min
Lab File: VX023862.D
Acq: 20 Aug 2021 00:51

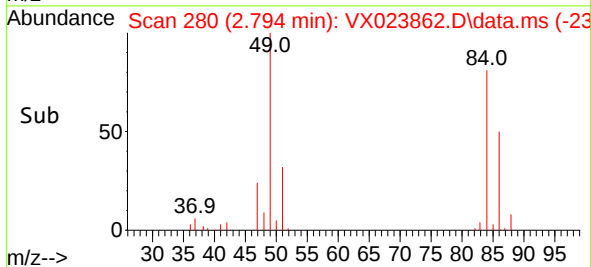
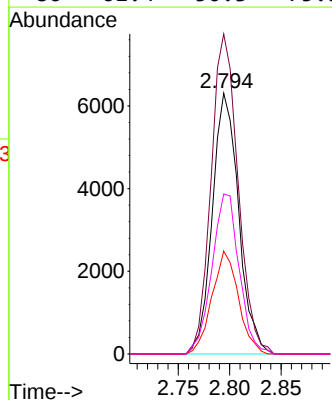
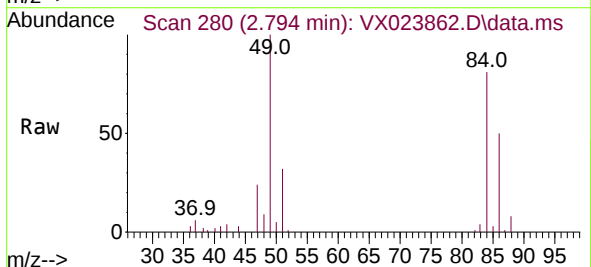
Instrument :
MSVOA_X
ClientSampleId :
SAMPLE-7-(291.00)

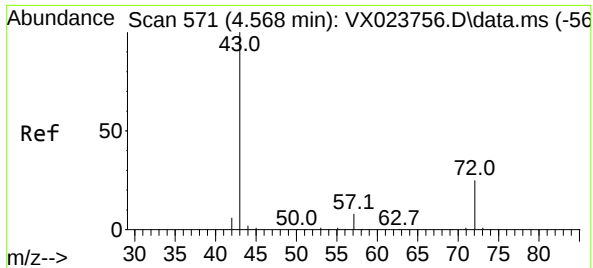
Tgt Ion: 43 Resp: 1371
Ion Ratio Lower Upper
43 100
74 14.2 21.9 32.9#



#20
Methylene Chloride
Concen: 7.610 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023862.D
Acq: 20 Aug 2021 00:51

Tgt Ion: 84 Resp: 11235
Ion Ratio Lower Upper
84 100
49 122.7 88.6 132.8
51 39.5 27.0 40.6
86 61.4 50.3 75.5

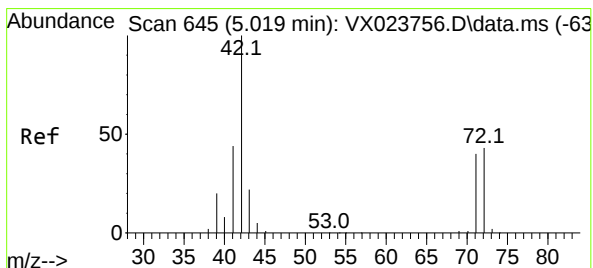
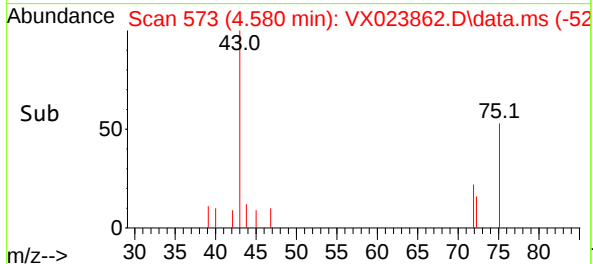
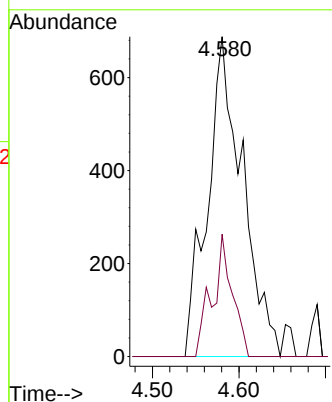
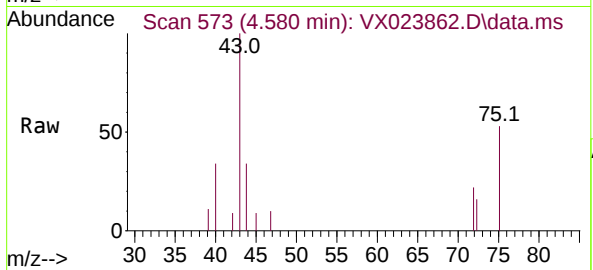




#25
2-Butanone
Concen: 1.649 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.013 min
Lab File: VX023862.D
Acq: 20 Aug 2021 00:51

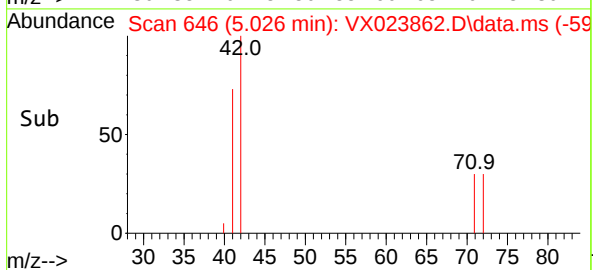
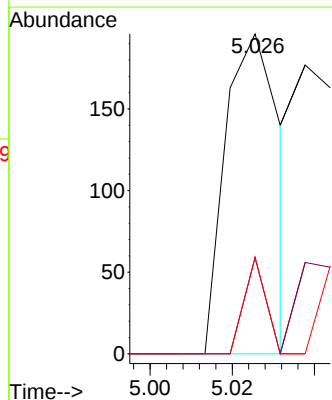
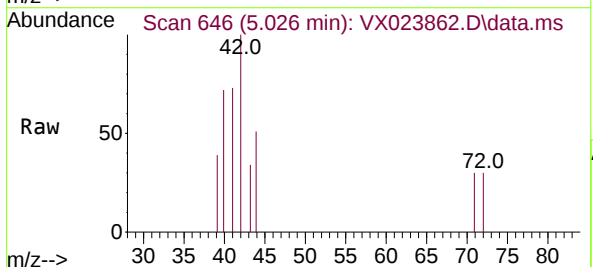
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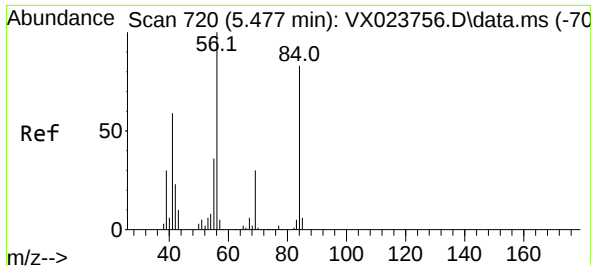
Tgt Ion: 43 Resp: 1930
Ion Ratio Lower Upper
43 100
72 38.2 23.7 35.5#



#29
Tetrahydrofuran
Concen: 0.241 ug/l
RT: 5.026 min Scan# 646
Delta R.T. 0.007 min
Lab File: VX023862.D
Acq: 20 Aug 2021 00:51

Tgt Ion: 42 Resp: 183
Ion Ratio Lower Upper
42 100
72 0.0 41.7 62.5#
71 12.0 38.4 57.6#

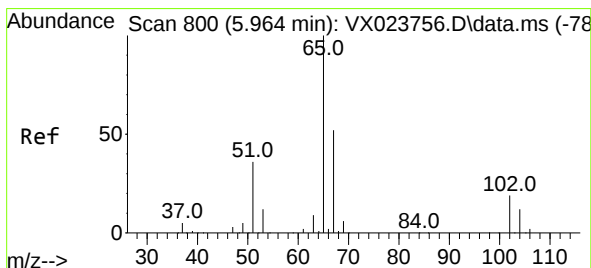
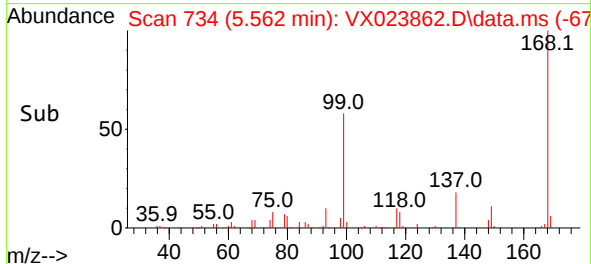
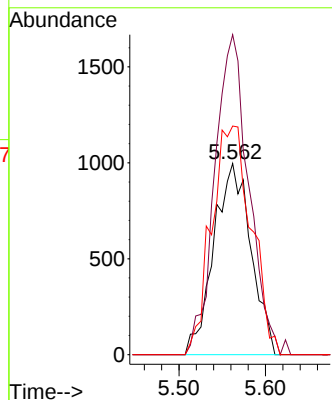
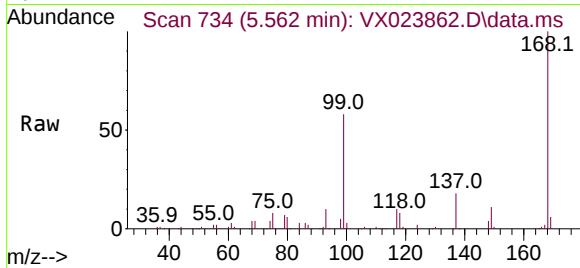




#31
Cyclohexane
Concen: 1.336 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX023862.D
Acq: 20 Aug 2021 00:51

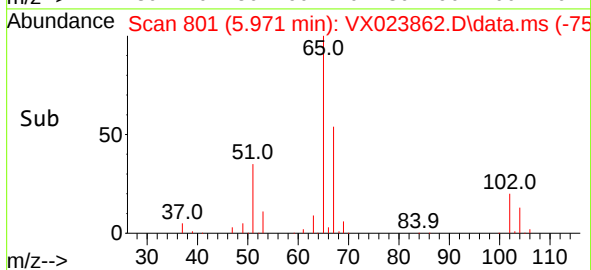
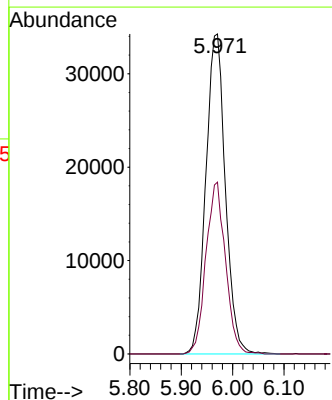
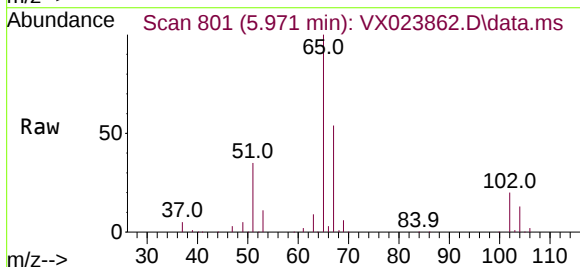
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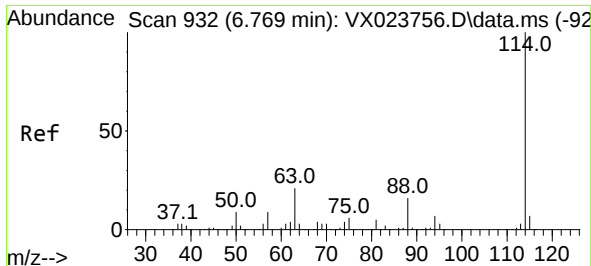
Tgt Ion: 56 Resp: 2967
Ion Ratio Lower Upper
56 100
69 167.3 25.3 37.9#
84 119.6 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 52.296 ug/l
RT: 5.971 min Scan# 801
Delta R.T. 0.006 min
Lab File: VX023862.D
Acq: 20 Aug 2021 00:51

Tgt Ion: 65 Resp: 90403
Ion Ratio Lower Upper
65 100
67 53.7 0.0 105.4

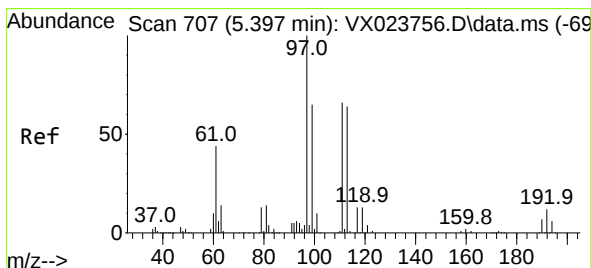
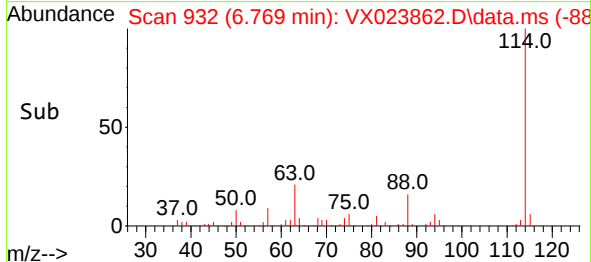
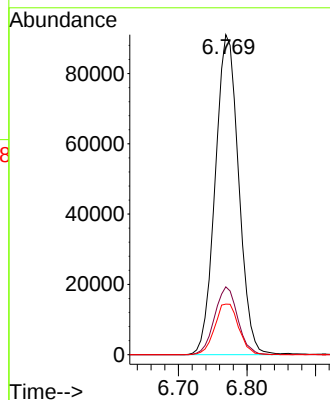
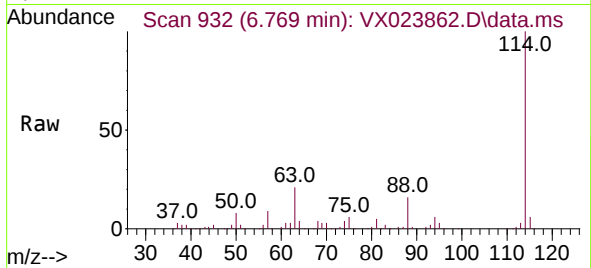




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023862.D
Acq: 20 Aug 2021 00:51

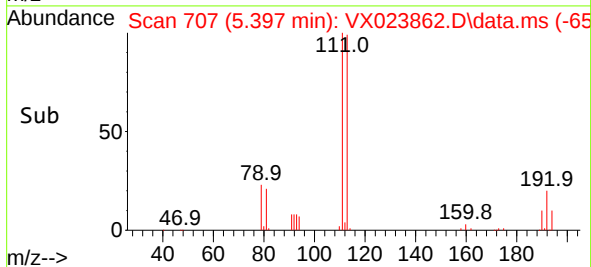
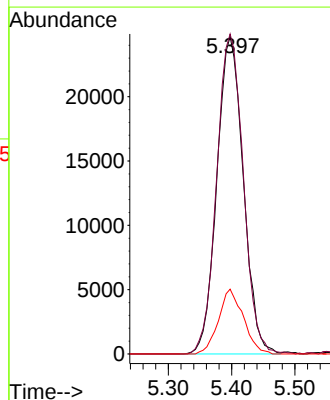
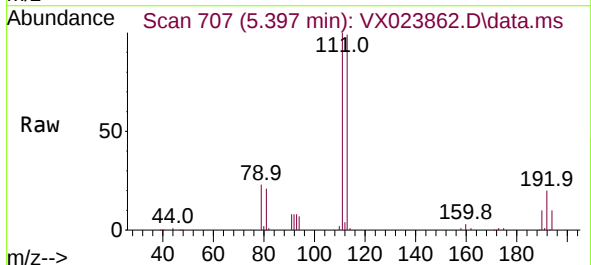
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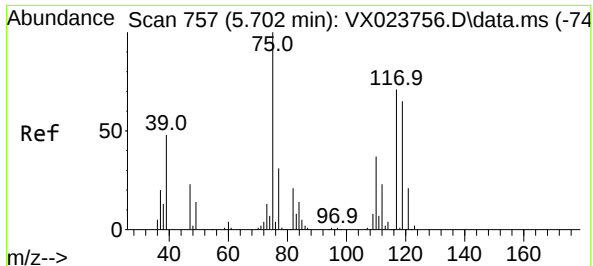
Tgt Ion:114 Resp: 215755
Ion Ratio Lower Upper
114 100
63 21.2 0.0 40.8
88 15.8 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.964 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023862.D
Acq: 20 Aug 2021 00:51

Tgt Ion:113 Resp: 71350
Ion Ratio Lower Upper
113 100
111 101.8 81.9 122.9
192 19.3 16.7 25.1





#36

1,1-Dichloropropene

Concen: 5.071 ug/l

RT: 5.556 min Scan# 733

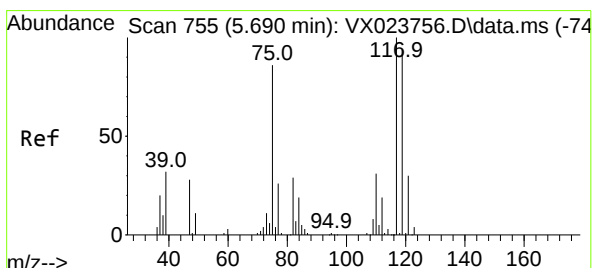
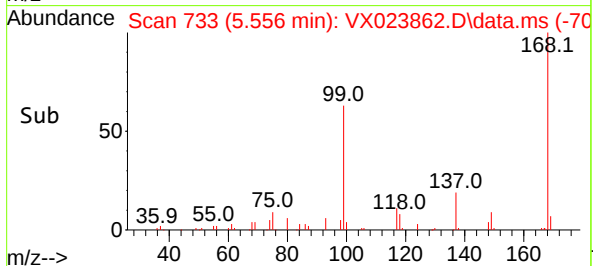
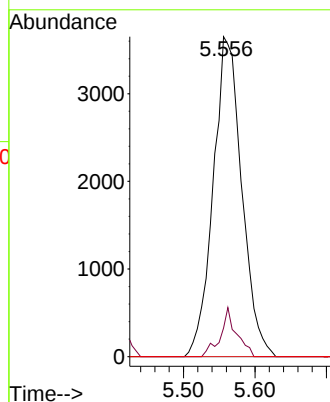
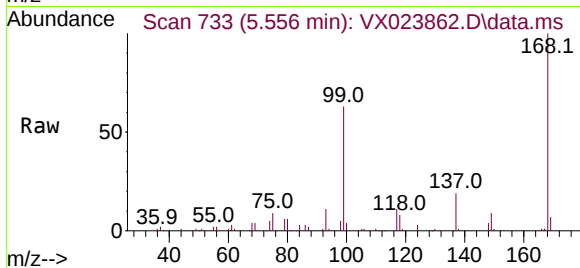
Delta R.T. -0.146 min

Lab File: VX023862.D

Acq: 20 Aug 2021 00:51

Tgt Ion:	75	Resp:	10132
Ion Ratio	Lower	Upper	
75	100		
110	8.6	18.1	54.4#
77	0.0	25.3	37.9#

Instrument :
MSVOA_X
ClientSampleId :
SAMPLE-7-(291.00)



#38

Carbon Tetrachloride

Concen: 6.170 ug/l

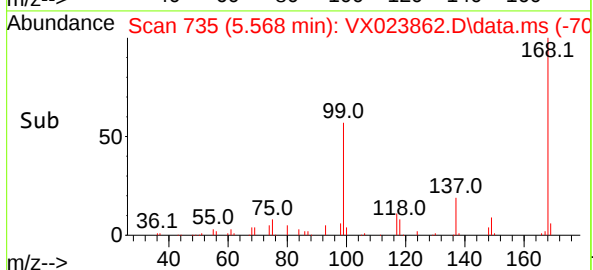
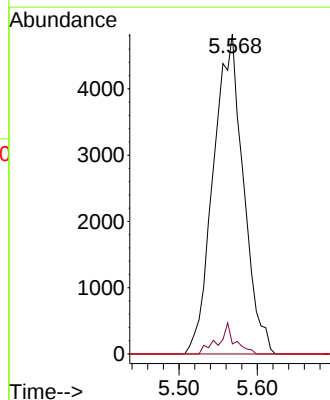
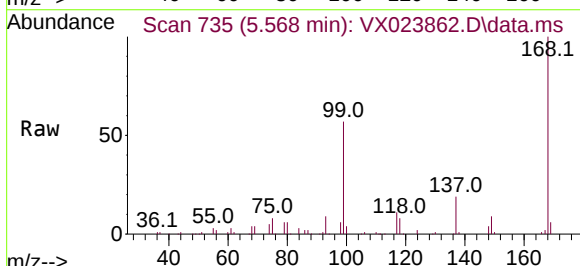
RT: 5.568 min Scan# 735

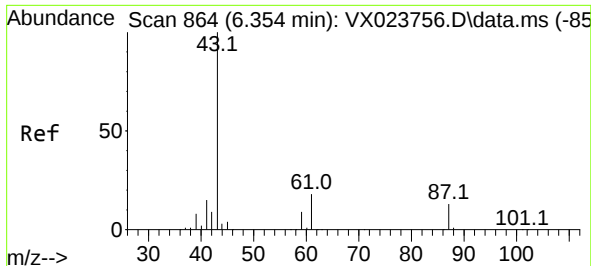
Delta R.T. -0.122 min

Lab File: VX023862.D

Acq: 20 Aug 2021 00:51

Tgt Ion:	117	Resp:	12855
Ion Ratio	Lower	Upper	
117	100		
119	3.1	76.2	114.2#
121	0.0	24.8	37.2#

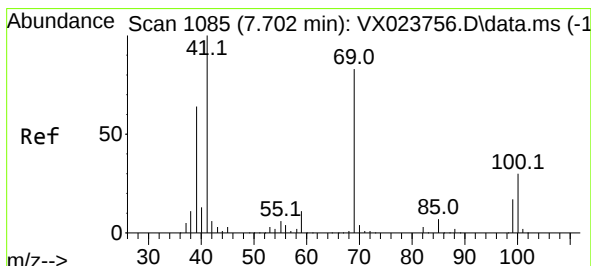
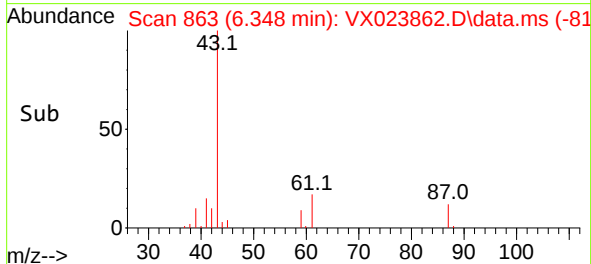
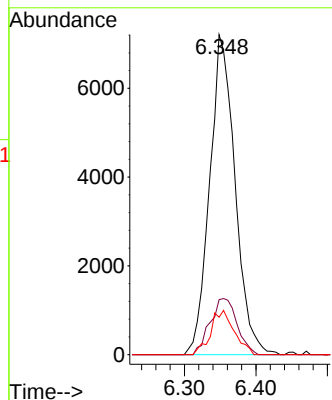
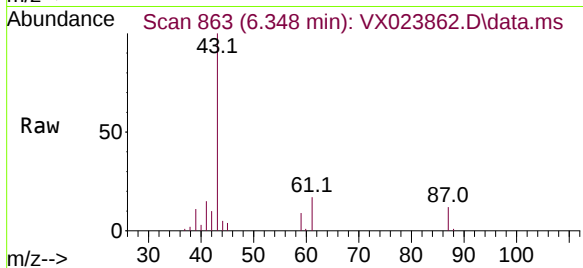




#43
Isopropyl Acetate
Concen: 4.633 ug/l
RT: 6.348 min Scan# 863
Delta R.T. -0.006 min
Lab File: VX023862.D
Acq: 20 Aug 2021 00:51

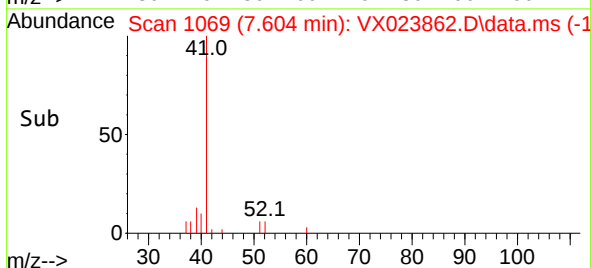
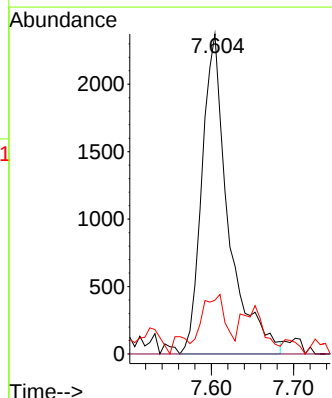
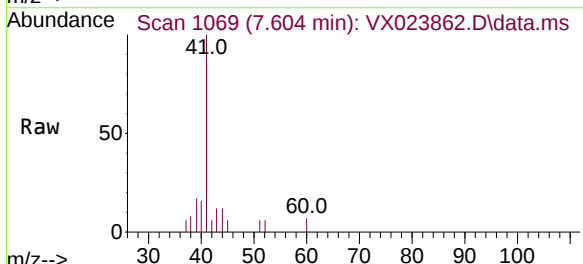
Instrument :
MSVOA_X
ClientSampleId :
SAMPLE-7-(291.00)

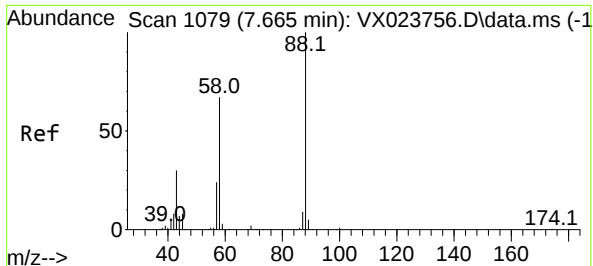
Tgt Ion:	43	Resp:	17797
Ion	Ratio	Lower	Upper
43	100		
61	18.6	18.2	27.4
87	12.9	12.5	18.7



#48
Methyl methacrylate
Concen: 2.832 ug/l
RT: 7.604 min Scan# 1069
Delta R.T. -0.098 min
Lab File: VX023862.D
Acq: 20 Aug 2021 00:51

Tgt Ion:	41	Resp:	5308
Ion	Ratio	Lower	Upper
41	100		
69	0.0	76.0	114.0#
39	0.0	44.6	67.0#

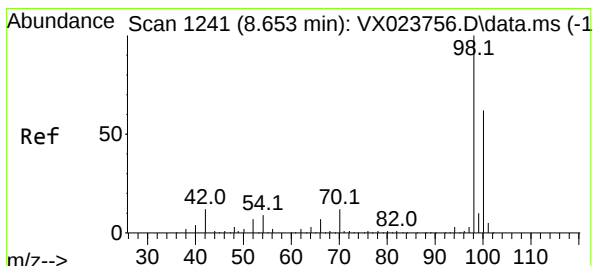
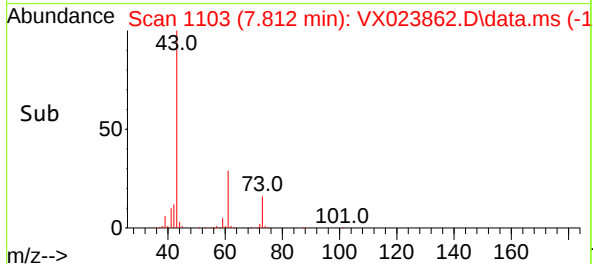
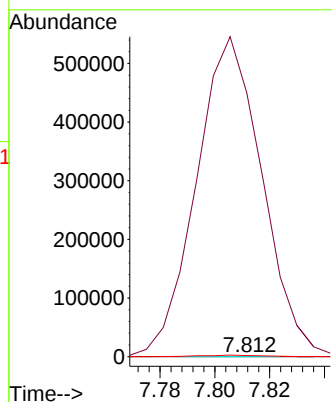
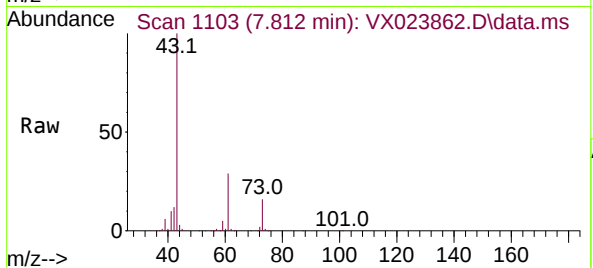




#49
1,4-Dioxane
Concen: 2.903 ug/l
RT: 7.812 min Scan# 1103
Delta R.T. 0.147 min
Lab File: VX023862.D
Acq: 20 Aug 2021 00:51

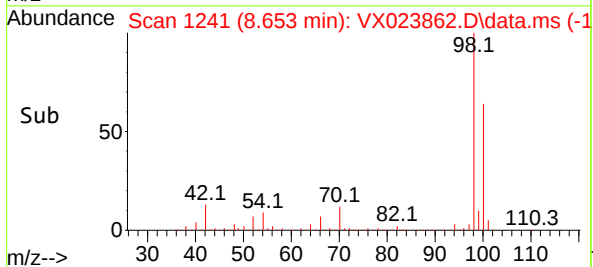
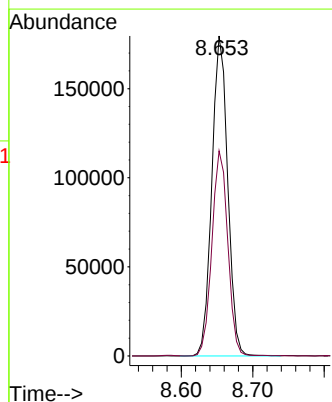
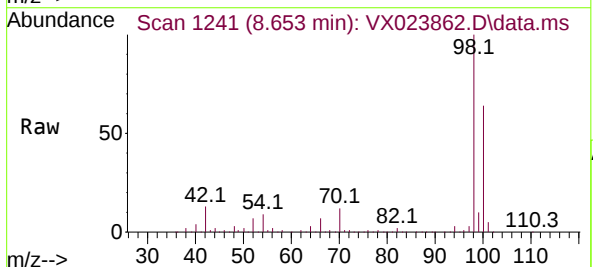
Instrument :
MSVOA_X
ClientSampleId :
SAMPLE-7-(291.00)

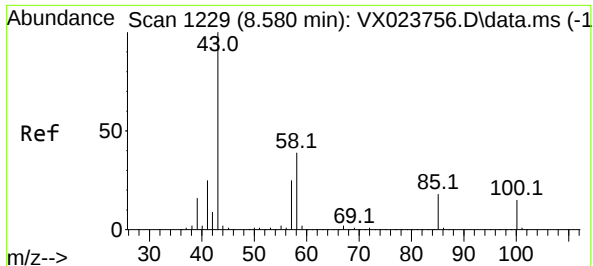
Tgt Ion: 88 Resp: 115
Ion Ratio Lower Upper
88 100
43 797753.9 23.2 34.8#
58 3766.1 55.0 82.4#



#50
Toluene-d8
Concen: 50.906 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023862.D
Acq: 20 Aug 2021 00:51

Tgt Ion: 98 Resp: 276684
Ion Ratio Lower Upper
98 100
100 64.2 51.9 77.9

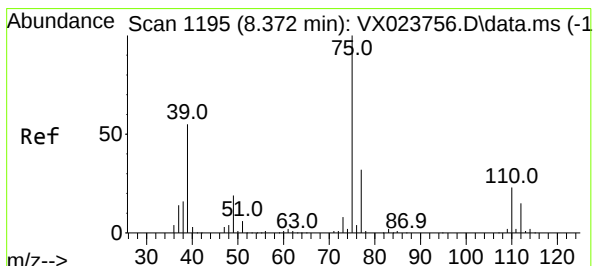
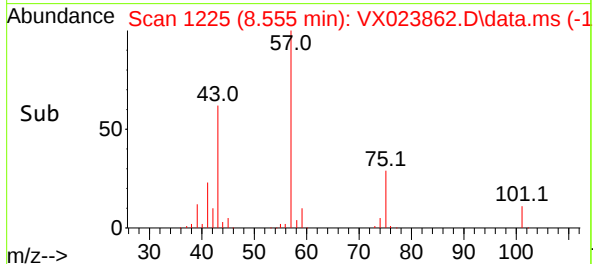
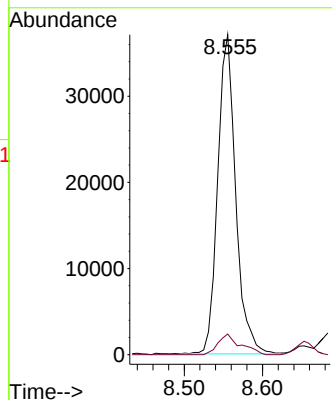
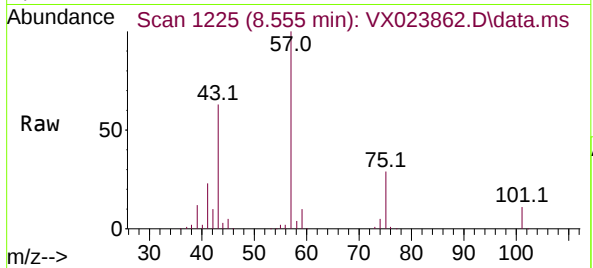




#51
4-Methyl-2-Pentanone
Concen: 23.867 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX023862.D
Acq: 20 Aug 2021 00:51

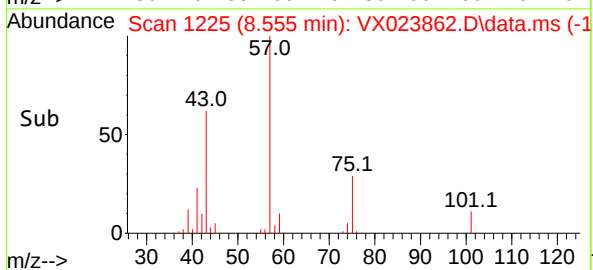
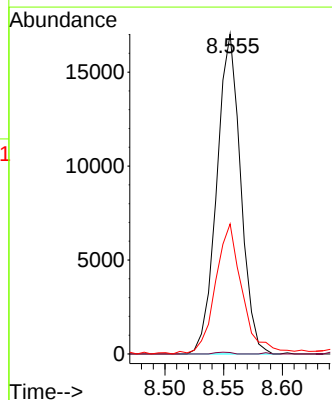
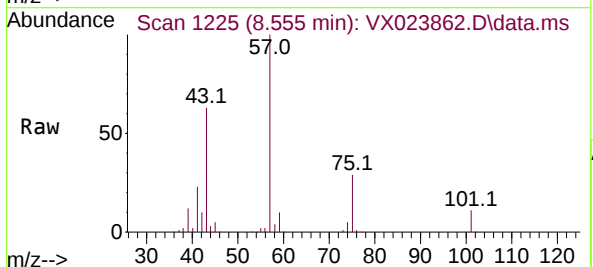
Instrument :
MSVOA_X
ClientSampleId :
SAMPLE-7-(291.00)

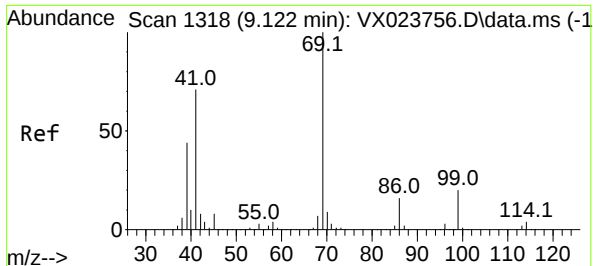
Tgt Ion: 43 Resp: 59271
Ion Ratio Lower Upper
43 100
58 8.0 35.4 53.0#



#54
cis-1,3-Dichloropropene
Concen: 10.072 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.183 min
Lab File: VX023862.D
Acq: 20 Aug 2021 00:51

Tgt Ion: 75 Resp: 24104
Ion Ratio Lower Upper
75 100
77 0.5 25.7 38.5#
39 39.9 35.1 52.7

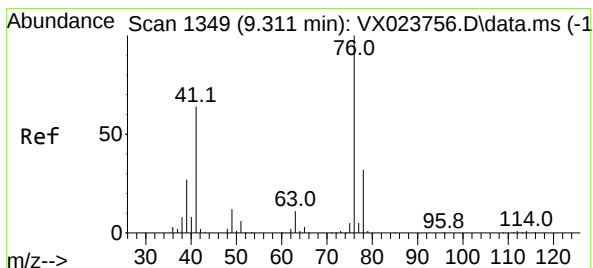
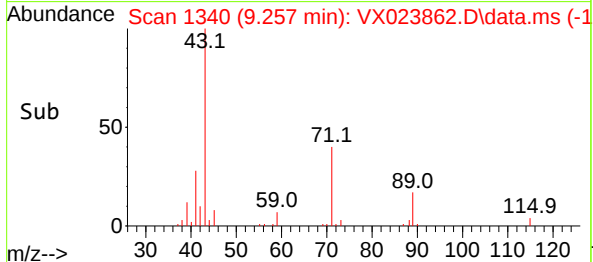
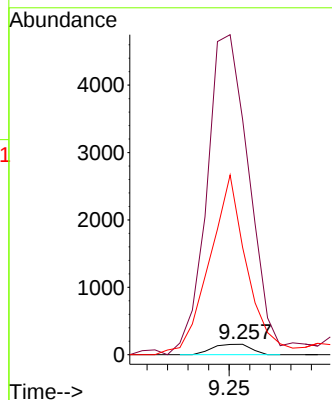
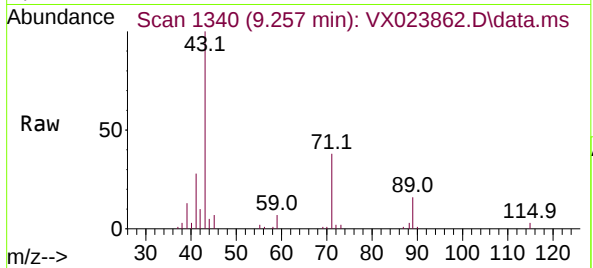




#56
Ethyl methacrylate
Concen: 0.834 ug/l
RT: 9.257 min Scan# 1340
Delta R.T. 0.135 min
Lab File: VX023862.D
Acq: 20 Aug 2021 00:51

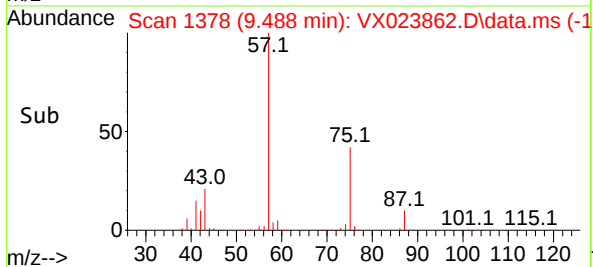
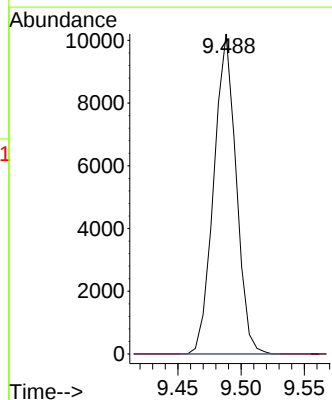
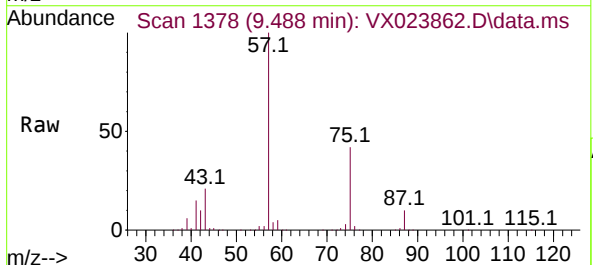
Instrument :
MSVOA_X
ClientSampleId :
SAMPLE-7-(291.00)

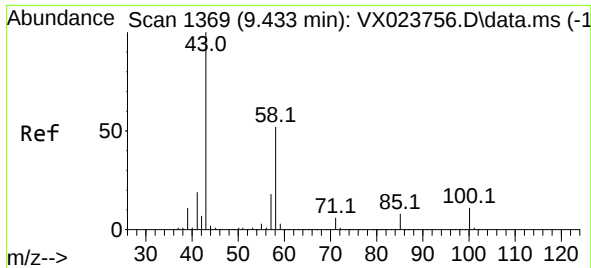
Tgt Ion: 69 Resp: 203
Ion Ratio Lower Upper
69 100
41 3398.0 46.8 70.2#
39 1670.4 24.7 37.1#



#57
1,3-Dichloropropane
Concen: 4.788 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX023862.D
Acq: 20 Aug 2021 00:51

Tgt Ion: 76 Resp: 12518
Ion Ratio Lower Upper
76 100
78 0.0 26.2 39.2#

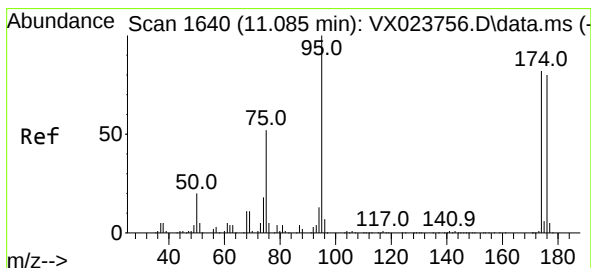
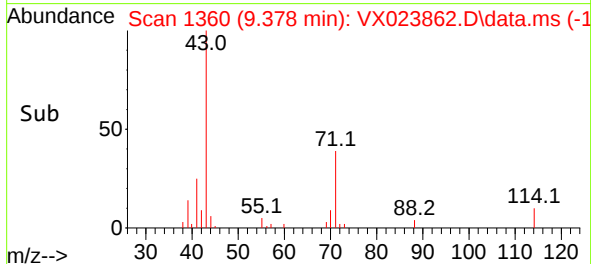
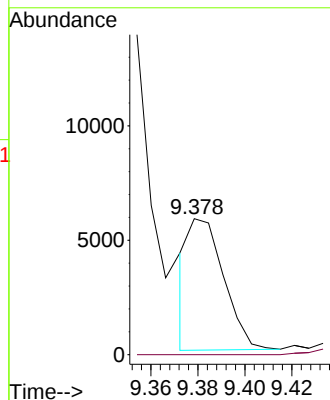
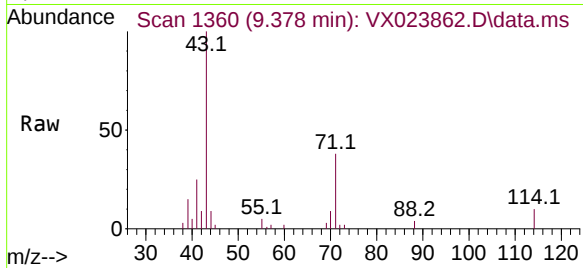




#59
2-Hexanone
Concen: 3.127 ug/l
RT: 9.378 min Scan# 1360
Delta R.T. -0.055 min
Lab File: VX023862.D
Acq: 20 Aug 2021 00:51

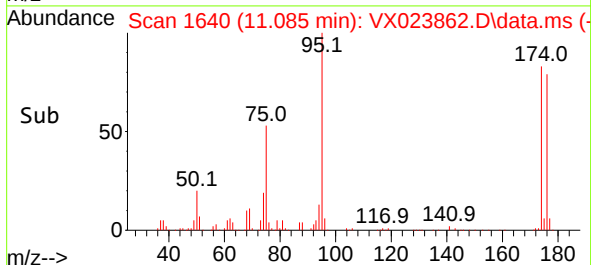
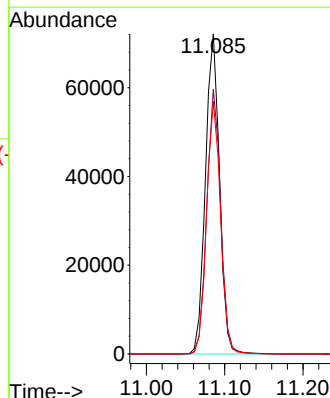
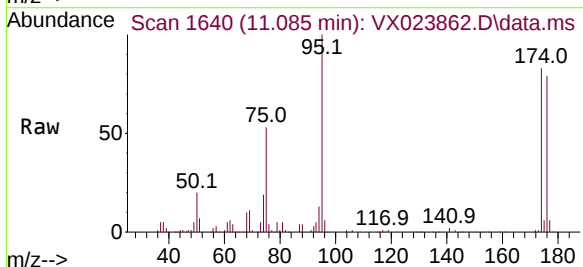
Instrument :
MSVOA_X
ClientSampleId :
SAMPLE-7-(291.00)

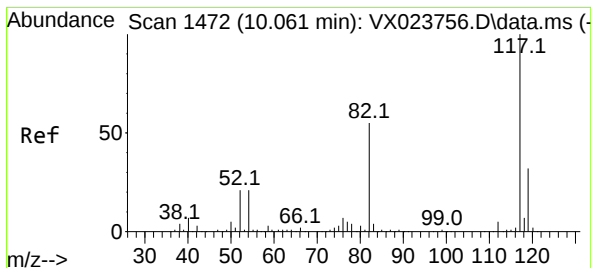
Tgt Ion: 43 Resp: 5970
Ion Ratio Lower Upper
43 100
58 0.0 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 44.904 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023862.D
Acq: 20 Aug 2021 00:51

Tgt Ion: 95 Resp: 89846
Ion Ratio Lower Upper
95 100
174 81.8 0.0 154.6
176 78.1 0.0 155.8

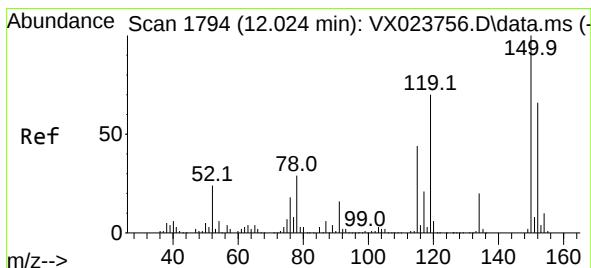
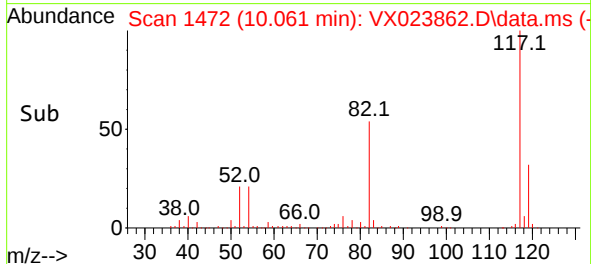
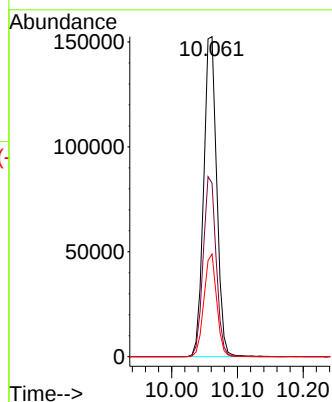
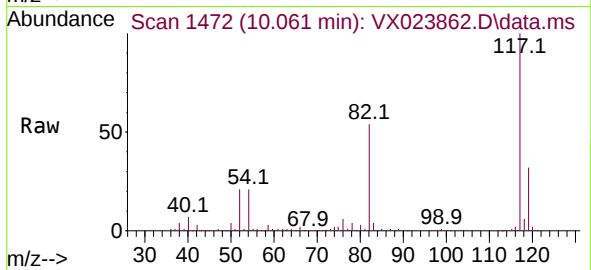




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX023862.D
Acq: 20 Aug 2021 00:51

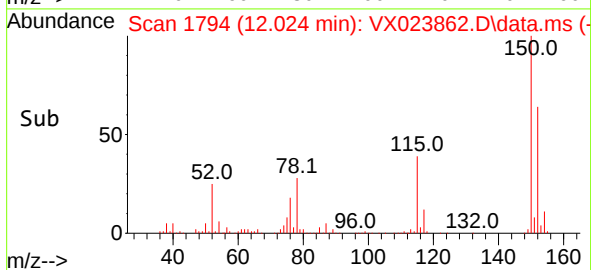
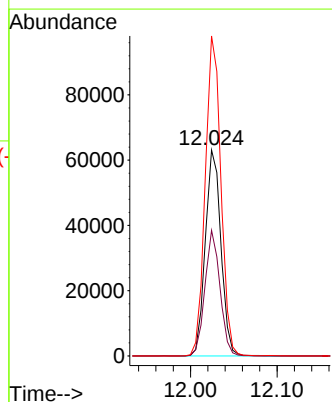
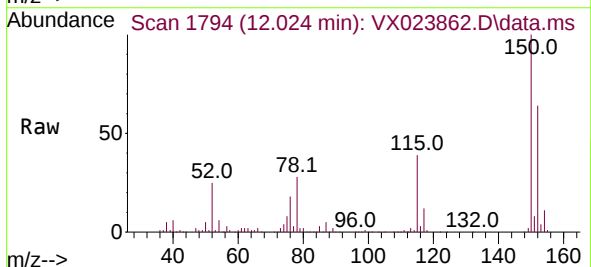
Instrument :
MSVOA_X
ClientSampleId :
SAMPLE-7-(291.00)

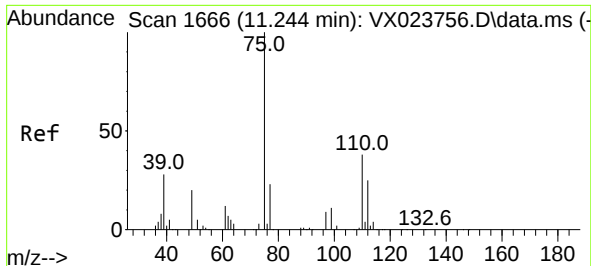
Tgt Ion:117 Resp: 210874
Ion Ratio Lower Upper
117 100
82 54.2 47.4 71.2
119 32.1 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023862.D
Acq: 20 Aug 2021 00:51

Tgt Ion:152 Resp: 78982
Ion Ratio Lower Upper
152 100
115 58.7 41.1 123.3
150 155.5 0.0 349.0

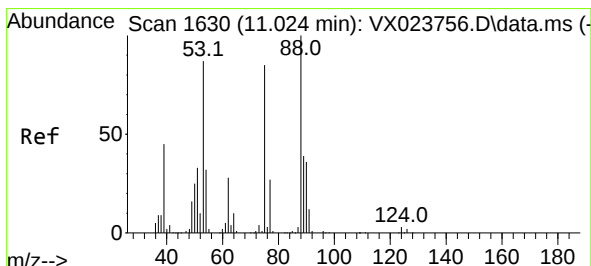
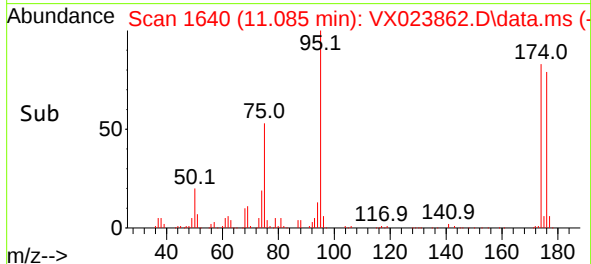
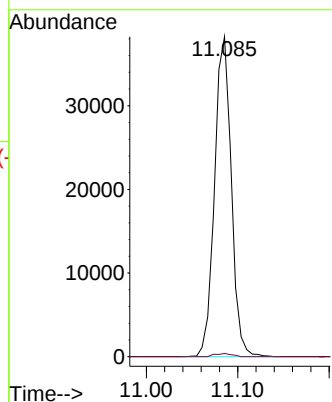
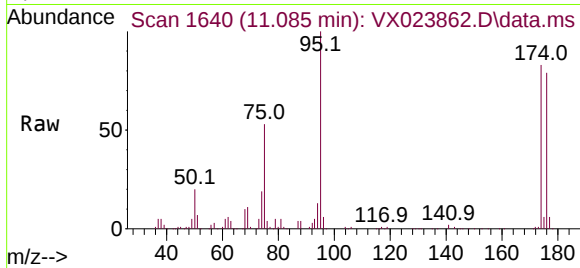




#76
1,2,3-Trichloropropane
Concen: 26.394 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023862.D
Acq: 20 Aug 2021 00:51

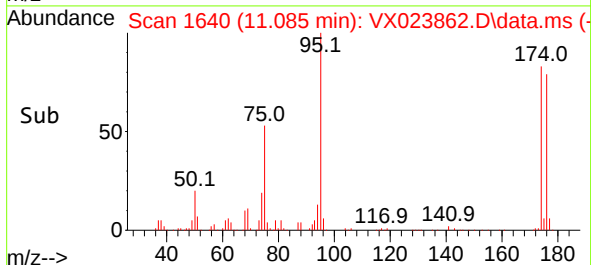
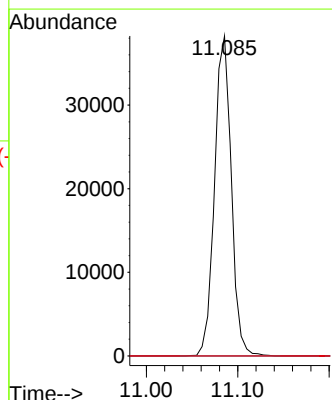
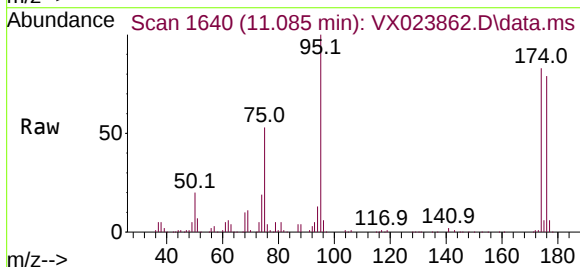
Instrument :
MSVOA_X
ClientSampleId :
SAMPLE-7-(291.00)

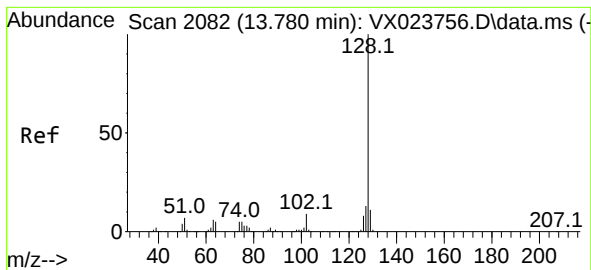
Tgt Ion: 75 Resp: 48630
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.640 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023862.D
Acq: 20 Aug 2021 00:51

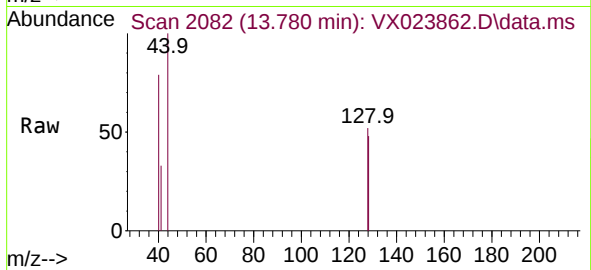
Tgt Ion: 75 Resp: 48630
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 1.302 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX023862.D
Acq: 20 Aug 2021 00:51

Instrument :
MSVOA_X
ClientSampleId :
SAMPLE-7-(291.00)



Tgt Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.8	13.2#

