

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052022\
 Data File : VX028862.D
 Acq On : 20 May 2022 19:39
 Operator : JC/MD
 Sample : N2958-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT-DUP01-20220516

Quant Time: May 20 23:33:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

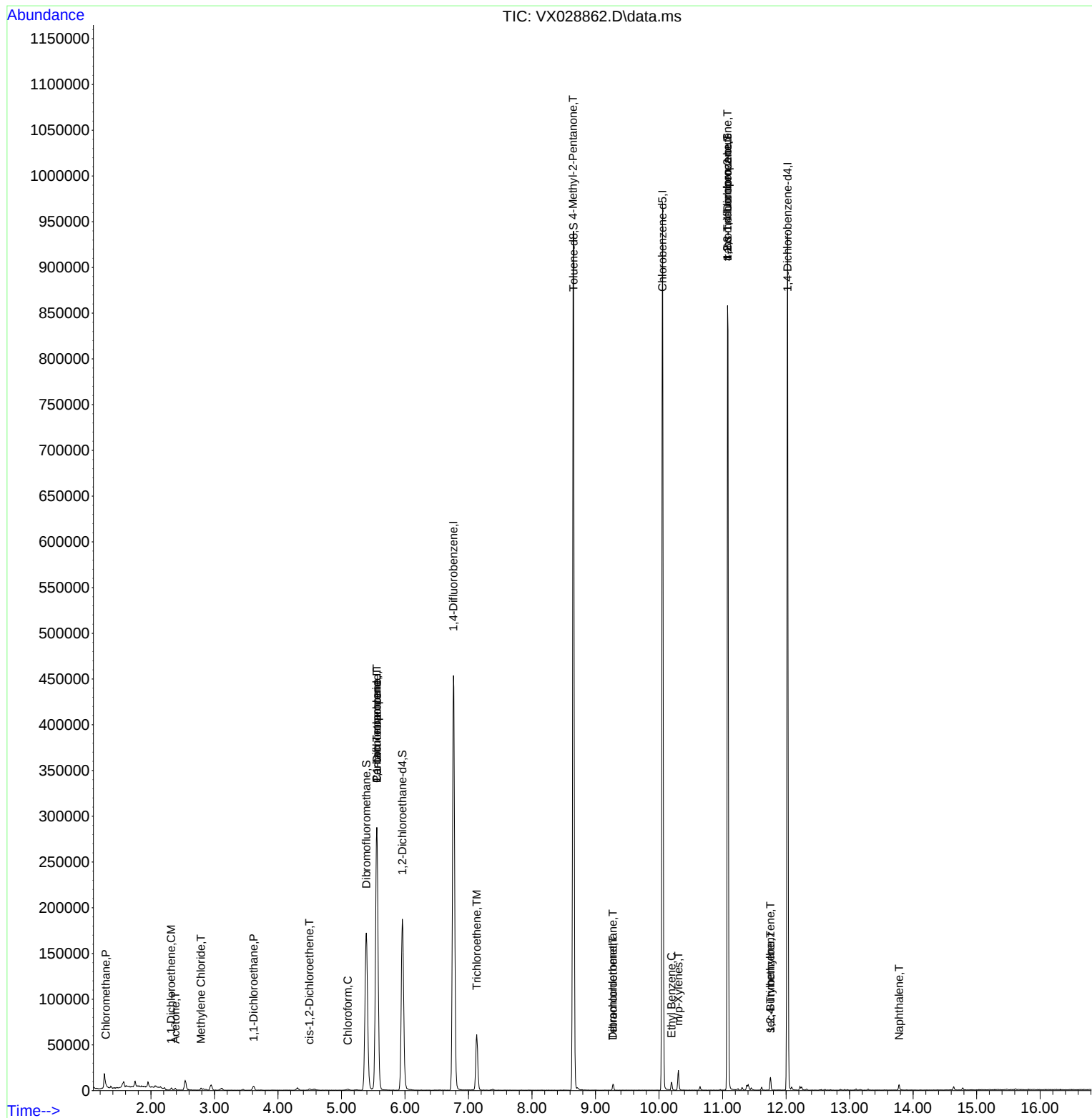
Internal Standards						
1) Pentafluorobenzene	5.556	168	263626	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	462778	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	417686	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	180068	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	181409	50.200	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.400%			
35) Dibromofluoromethane	5.391	113	148343	48.925	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 97.840%			
50) Toluene-d8	8.653	98	548168	47.953	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 95.900%			
62) 4-Bromofluorobenzene	11.079	95	230660	54.022	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 108.040%			
Target Compounds					Qvalue	
3) Chloromethane	1.288	50	675	0.208	ug/l #	42
5) Bromomethane	1.618	94	529	Below Cal		94
6) Chloroethane	1.685	64	583	Below Cal #		46
11) Tert butyl alcohol	2.947	59	3480	Below Cal #		72
12) 1,1-Dichloroethene	2.319	96	700	0.257	ug/l	92
16) Acetone	2.386	43	1971	1.271	ug/l #	80
20) Methylene Chloride	2.788	84	709	0.218	ug/l #	79
24) 1,1-Dichloroethane	3.617	63	5020	0.923	ug/l #	93
27) cis-1,2-Dichloroethene	4.495	96	852	0.237	ug/l	91
30) Chloroform	5.099	83	1647	0.280	ug/l	85
36) 1,1-Dichloropropene	5.556	75	21853	4.799	ug/l #	50
38) Carbon Tetrachloride	5.556	117	29155	6.361	ug/l #	15
44) Trichloroethene	7.129	130	23334	6.574	ug/l	94
51) 4-Methyl-2-Pentanone	8.647	43	2415	0.493	ug/l #	1
60) Dibromochloromethane	9.275	129	1206	0.360	ug/l #	9
64) Tetrachloroethene	9.275	164	1115	0.353	ug/l	88
67) Ethyl Benzene	10.195	91	5107	0.322	ug/l	90
68) m/p-Xylenes	10.305	106	4883	0.790	ug/l	97
76) 1,2,3-Trichloropropane	11.079	75	123208	29.217	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	123208	84.284	ug/l #	15
84) 1,2,4-Trimethylbenzene	11.756	105	6412	0.562	ug/l	99
85) sec-Butylbenzene	11.756	105	6412	0.472	ug/l #	56
95) Naphthalene	13.780	128	4541	0.355	ug/l #	94

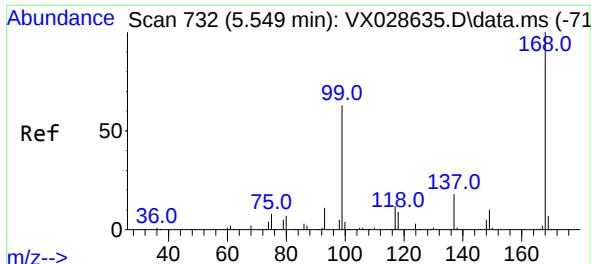
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu May 12 14:58:53 2022
Response via : Initial Calibration

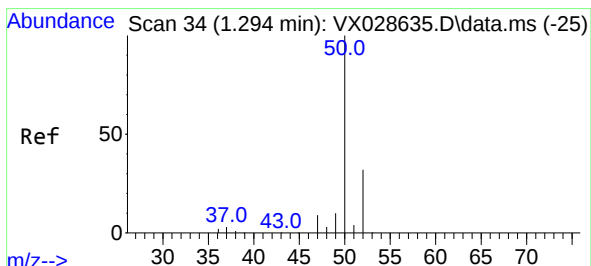
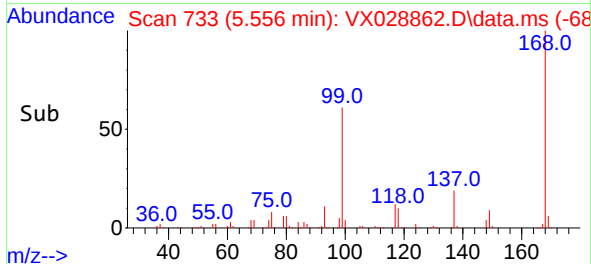
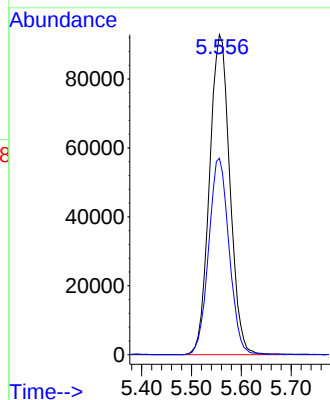
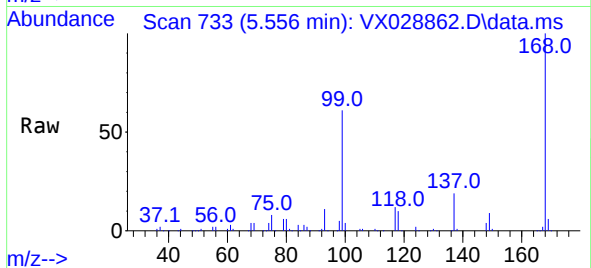




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028862.D
Acq: 20 May 2022 19:39

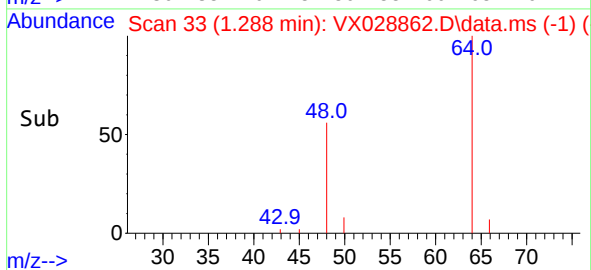
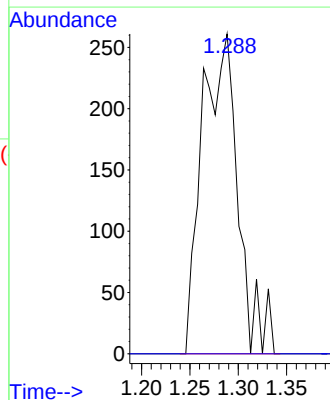
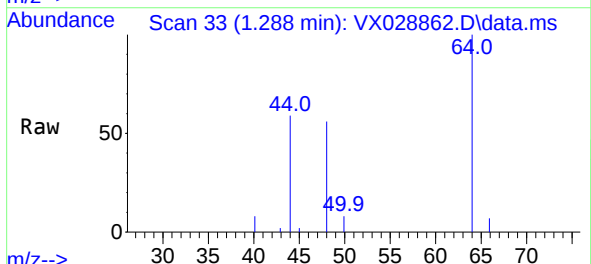
Instrument :
MSVOA_X
ClientSampleId :
TT-DUP01-20220516

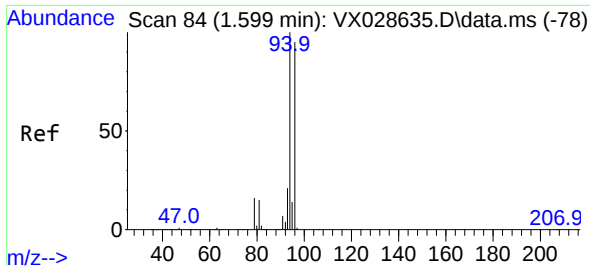
Tgt Ion:168 Resp: 263626
Ion Ratio Lower Upper
168 100
99 61.4 41.7 62.5



#3
Chloromethane
Concen: 0.208 ug/l
RT: 1.288 min Scan# 33
Delta R.T. -0.006 min
Lab File: VX028862.D
Acq: 20 May 2022 19:39

Tgt Ion: 50 Resp: 675
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#

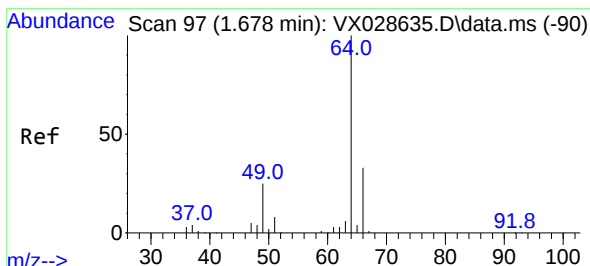
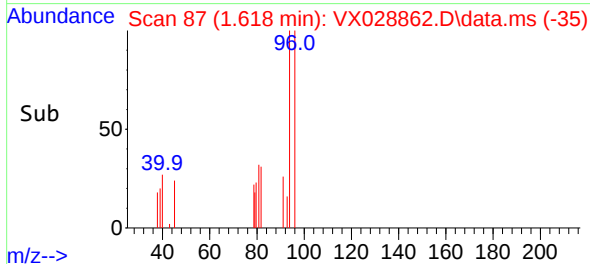
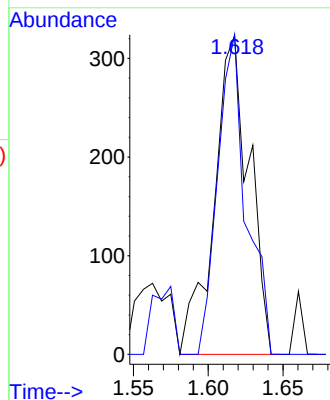
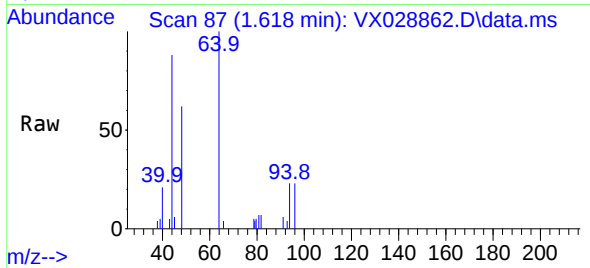




#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 81
Delta R.T. 0.019 min
Lab File: VX028862.D
Acq: 20 May 2022 19:39

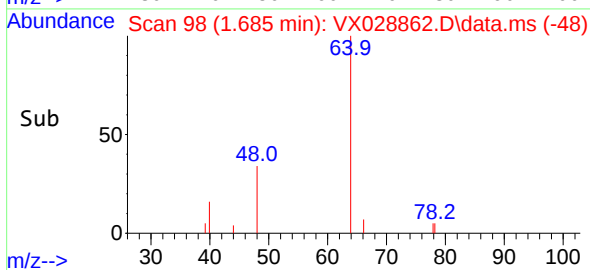
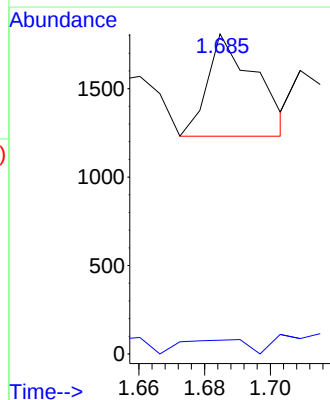
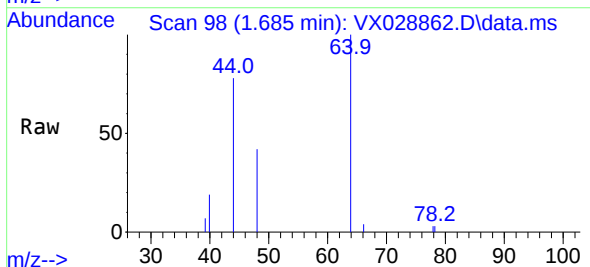
Instrument :
MSVOA_X
ClientSampleId :
TT-DUP01-20220516

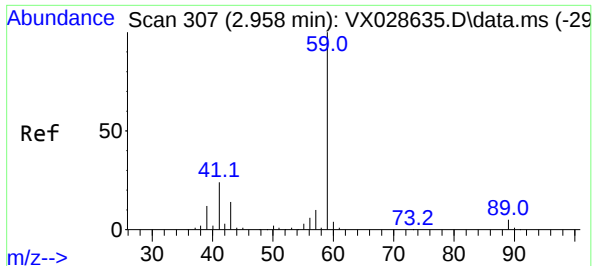
Tgt Ion: 94 Resp: 529
Ion Ratio Lower Upper
94 100
96 100.3 75.3 112.9



#6
Chloroethane
Concen: Below Cal
RT: 1.685 min Scan# 98
Delta R.T. 0.007 min
Lab File: VX028862.D
Acq: 20 May 2022 19:39

Tgt Ion: 64 Resp: 583
Ion Ratio Lower Upper
64 100
66 1.6 25.3 37.9#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.947 min Scan# 307

Delta R.T. -0.011 min

Lab File: VX028862.D

Acq: 20 May 2022 19:39

Instrument :

MSVOA_X

ClientSampleId :

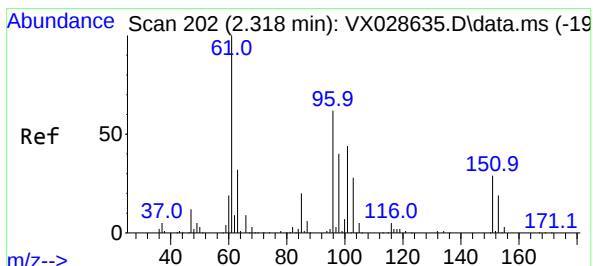
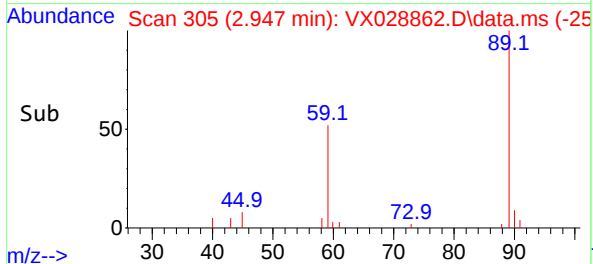
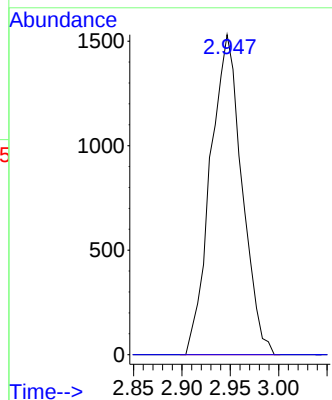
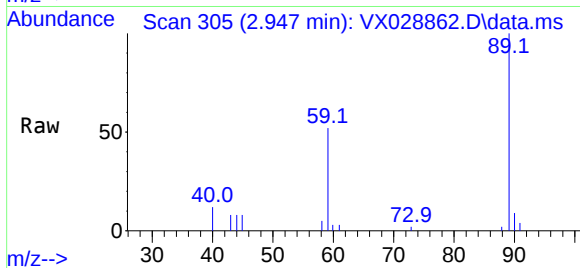
TT-DUP01-20220516

Tgt Ion: 59 Resp: 3480

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#12

1,1-Dichloroethene

Concen: 0.257 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.001 min

Lab File: VX028862.D

Acq: 20 May 2022 19:39

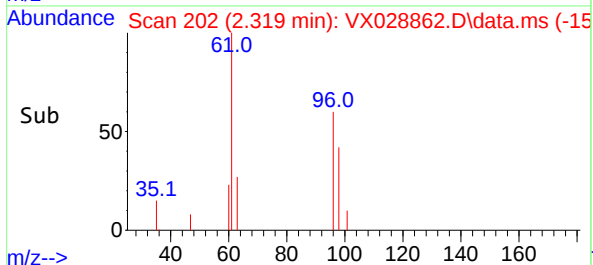
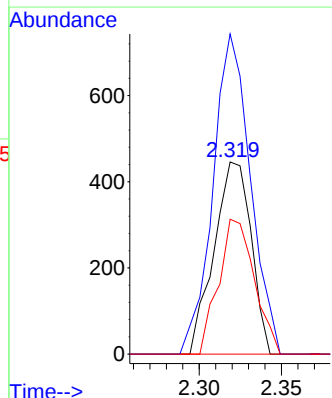
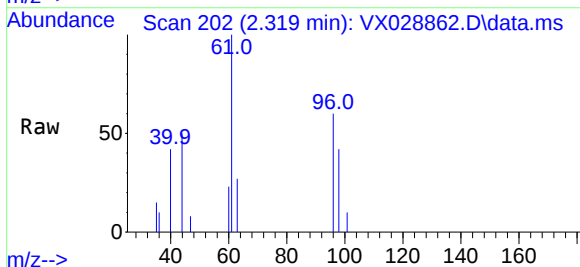
Tgt Ion: 96 Resp: 700

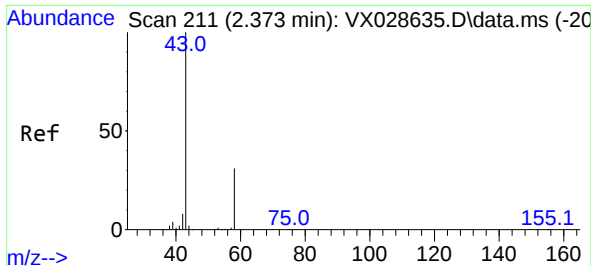
Ion Ratio Lower Upper

96 100

61 166.6 124.6 187.0

98 70.2 51.0 76.4

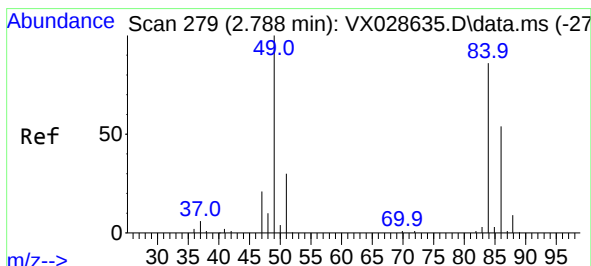
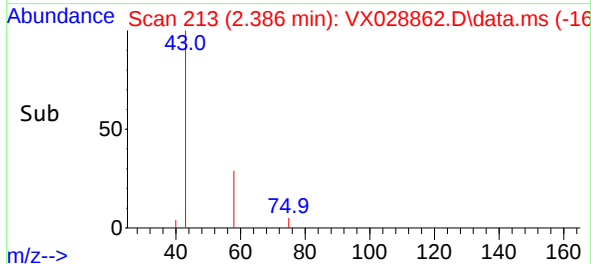
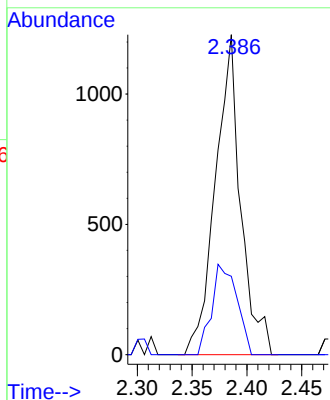
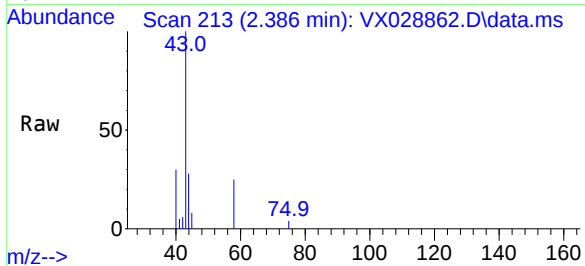




#16
Acetone
Concen: 1.271 ug/l
RT: 2.386 min Scan# 211
Delta R.T. 0.013 min
Lab File: VX028862.D
Acq: 20 May 2022 19:39

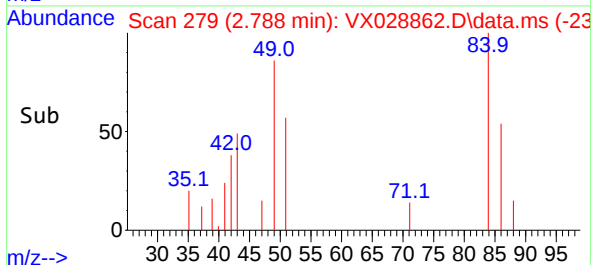
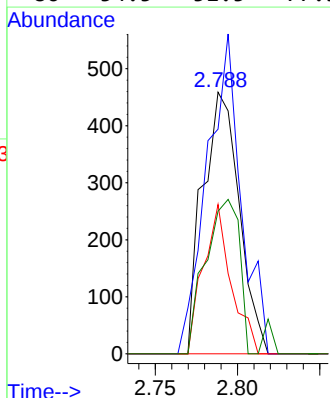
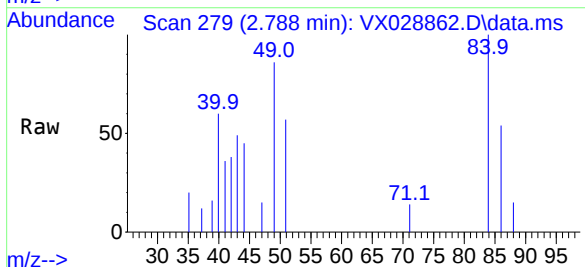
Instrument :
MSVOA_X
ClientSampleId :
TT-DUP01-20220516

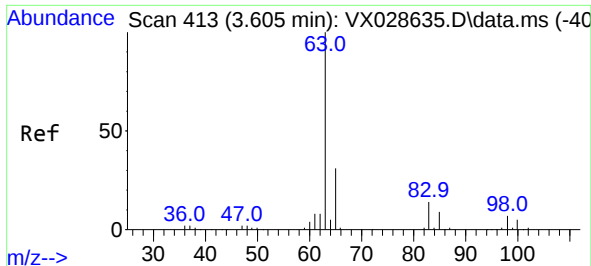
Tgt Ion: 43 Resp: 1971
Ion Ratio Lower Upper
43 100
58 24.5 28.8 43.2#



#20
Methylene Chloride
Concen: 0.218 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX028862.D
Acq: 20 May 2022 19:39

Tgt Ion: 84 Resp: 709
Ion Ratio Lower Upper
84 100
49 85.8 85.5 128.3
51 57.1 26.6 39.8#
86 54.5 51.5 77.3

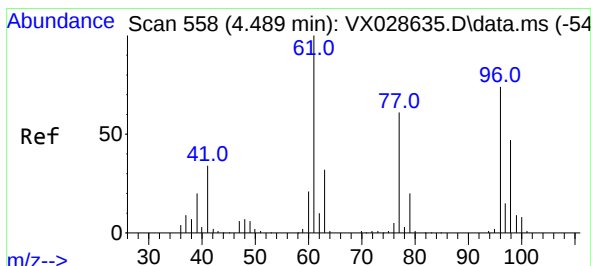
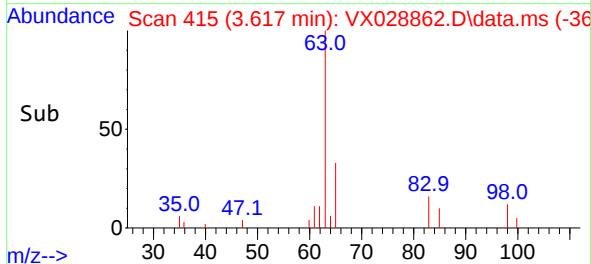
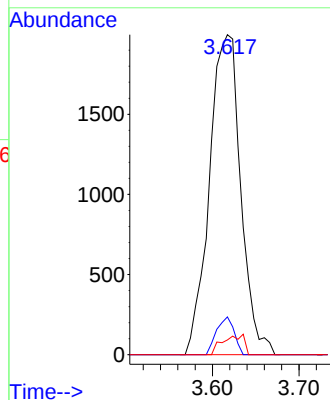
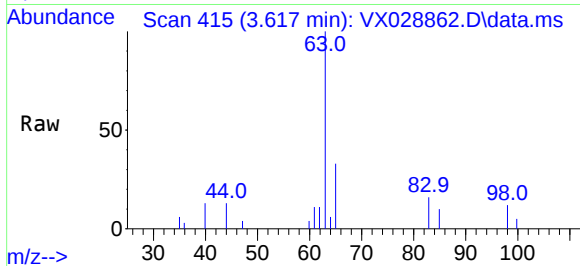




#24
1,1-Dichloroethane
Concen: 0.923 ug/l
RT: 3.617 min Scan# 413
Delta R.T. 0.012 min
Lab File: VX028862.D
Acq: 20 May 2022 19:39

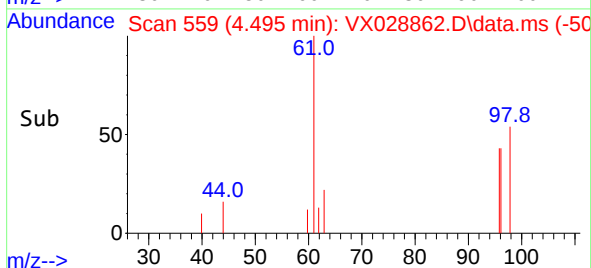
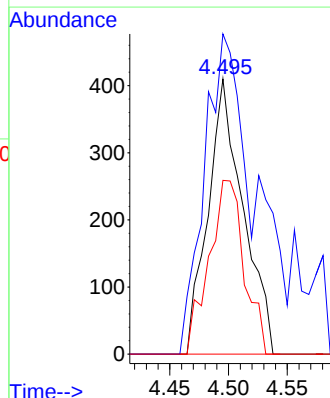
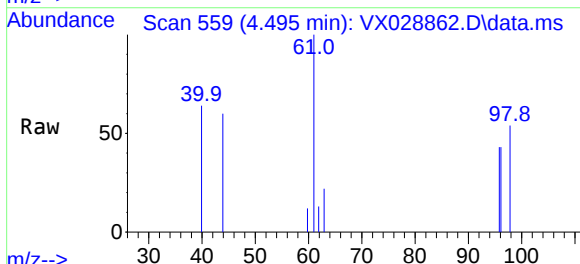
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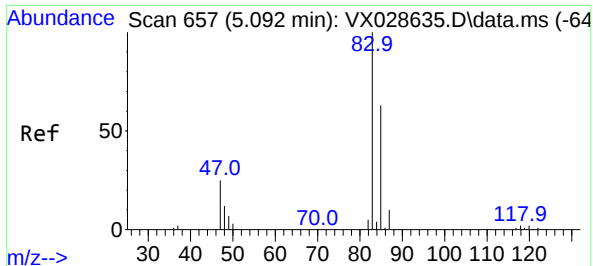
Tgt Ion: 63 Resp: 5020
Ion Ratio Lower Upper
63 100
98 11.8 3.9 11.7#
100 4.6 2.4 7.2



#27
cis-1,2-Dichloroethene
Concen: 0.237 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX028862.D
Acq: 20 May 2022 19:39

Tgt Ion: 96 Resp: 852
Ion Ratio Lower Upper
96 100
61 126.6 0.0 283.8
98 63.0 0.0 129.8





#30

Chloroform

Concen: 0.280 ug/l

RT: 5.099 min Scan# 61

Delta R.T. 0.007 min

Lab File: VX028862.D

Acq: 20 May 2022 19:39

Instrument :

MSVOA_X

ClientSampleId :

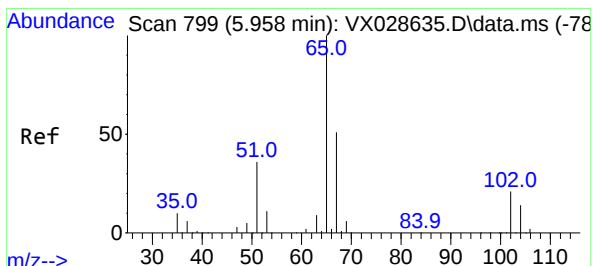
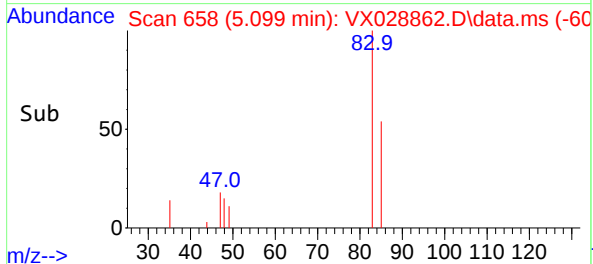
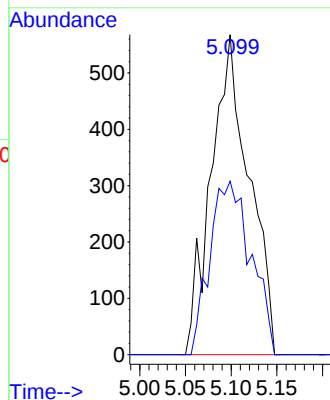
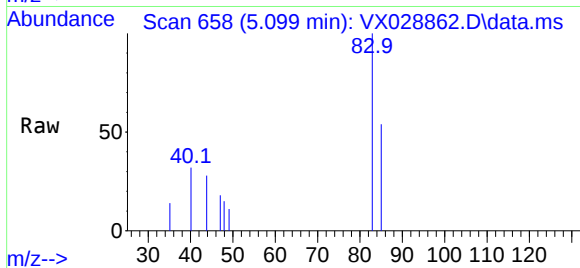
TT-DUP01-20220516

Tgt Ion: 83 Resp: 1647

Ion Ratio Lower Upper

83 100

85 54.2 52.7 79.1



#33

1,2-Dichloroethane-d4

Concen: 50.200 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028862.D

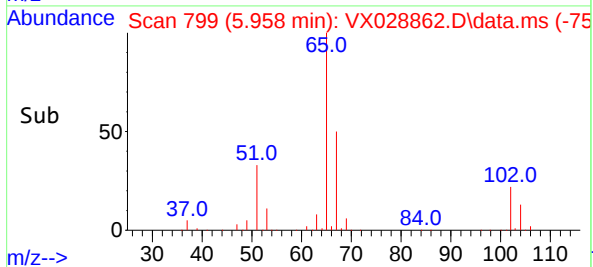
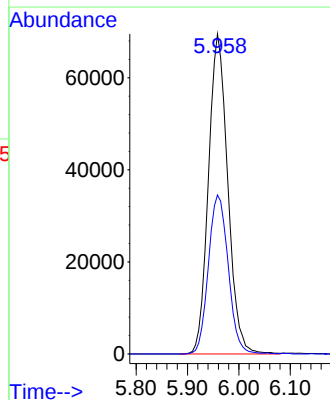
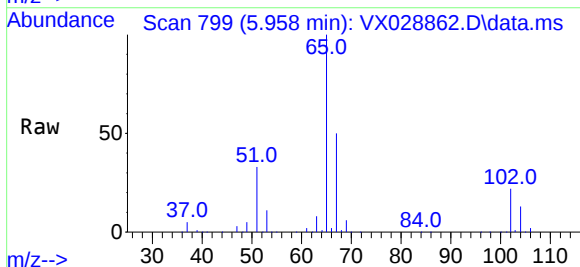
Acq: 20 May 2022 19:39

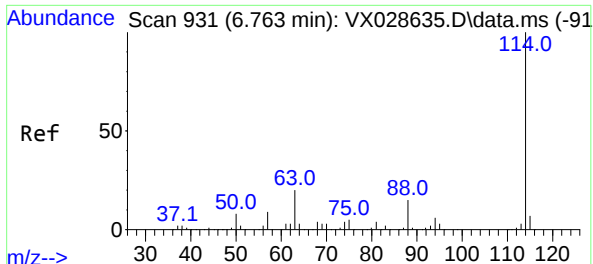
Tgt Ion: 65 Resp: 181409

Ion Ratio Lower Upper

65 100

67 51.0 0.0 107.4

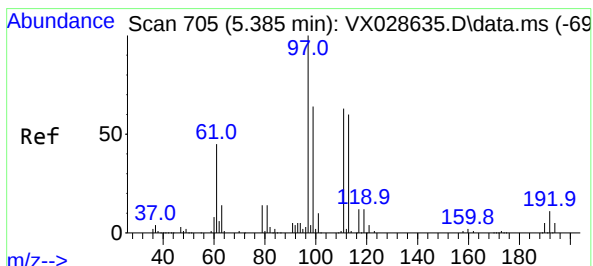
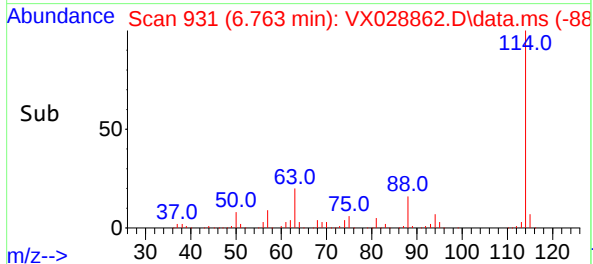
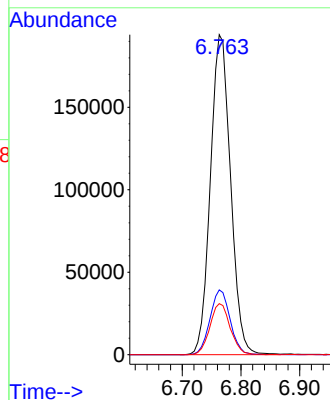
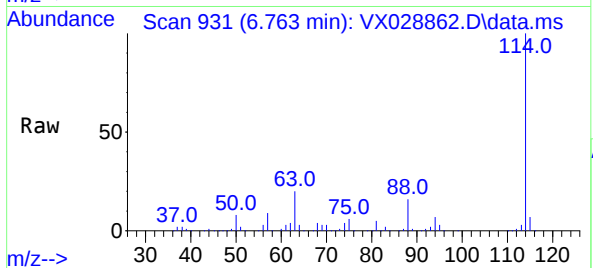




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX028862.D
Acq: 20 May 2022 19:39

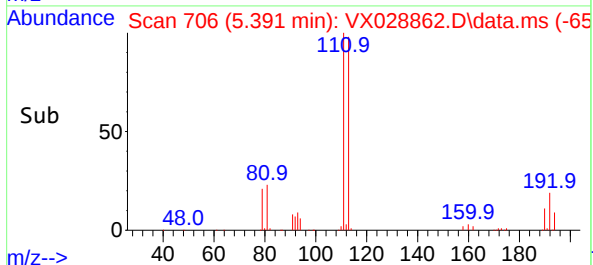
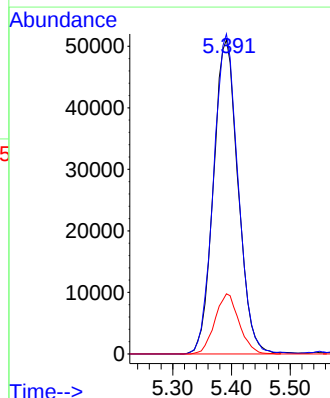
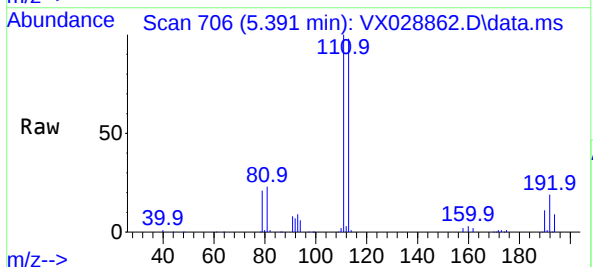
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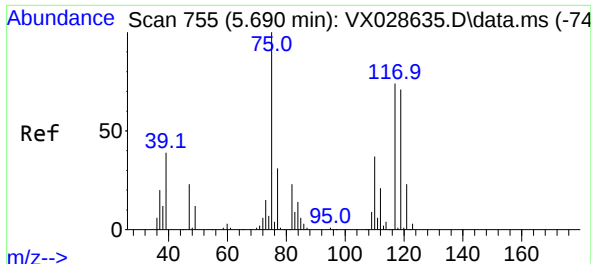
Tgt Ion:114 Resp: 462778
Ion Ratio Lower Upper
114 100
63 20.3 0.0 36.8
88 16.0 0.0 32.4



#35
Dibromofluoromethane
Concen: 48.925 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX028862.D
Acq: 20 May 2022 19:39

Tgt Ion:113 Resp: 148343
Ion Ratio Lower Upper
113 100
111 101.6 82.8 124.2
192 18.8 16.9 25.3

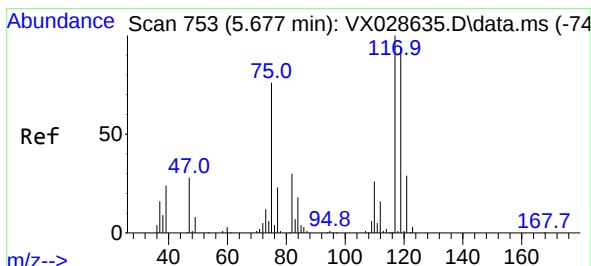
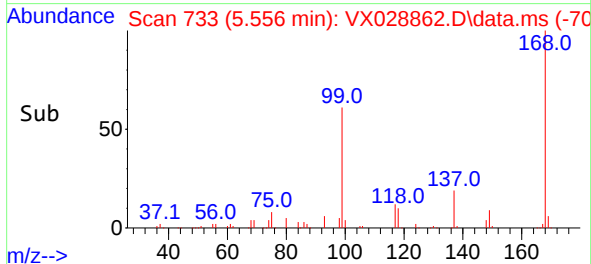
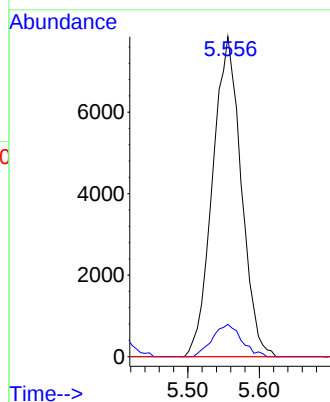
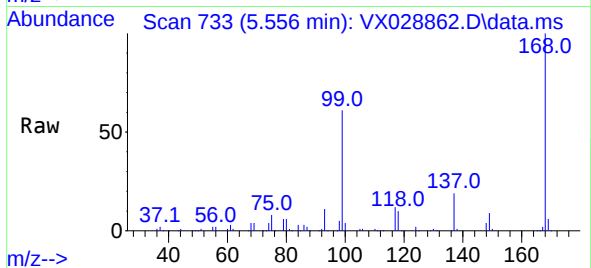




#36
1,1-Dichloropropene
Concen: 4.799 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX028862.D
Acq: 20 May 2022 19:39

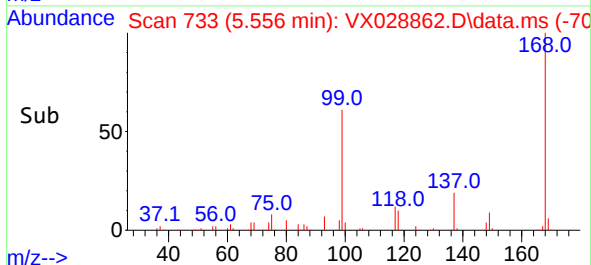
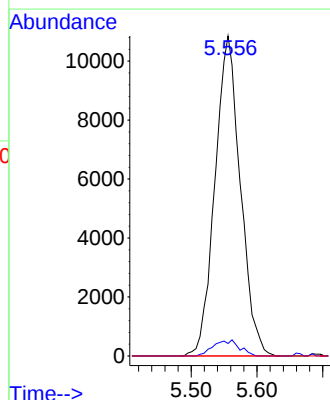
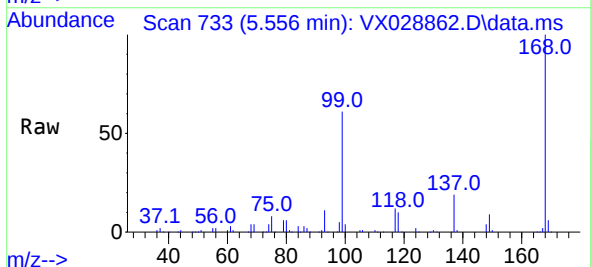
Instrument :
MSVOA_X
ClientSampleId :
TT-DUP01-20220516

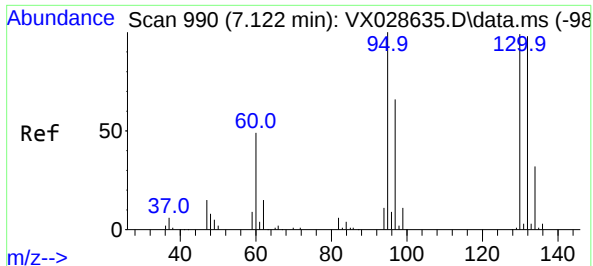
Tgt Ion: 75 Resp: 21853
Ion Ratio Lower Upper
75 100
110 10.3 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 6.361 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.121 min
Lab File: VX028862.D
Acq: 20 May 2022 19:39

Tgt Ion: 117 Resp: 29155
Ion Ratio Lower Upper
117 100
119 3.9 77.3 115.9#
121 0.0 24.2 36.2#

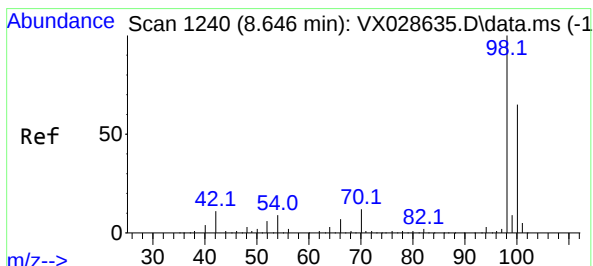
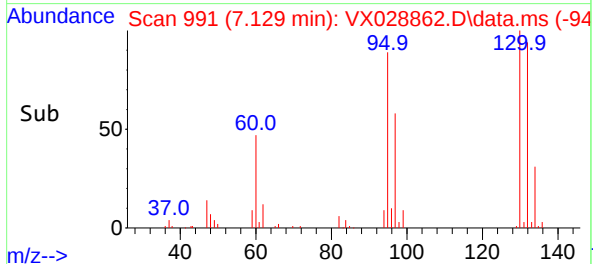
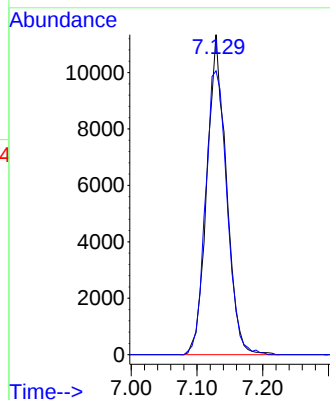
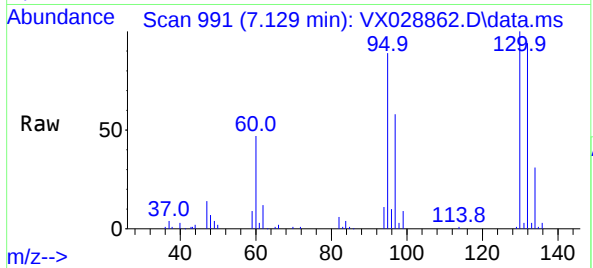




#44
 Trichloroethene
 Concen: 6.574 ug/l
 RT: 7.129 min Scan# 991
 Delta R.T. 0.007 min
 Lab File: VX028862.D
 Acq: 20 May 2022 19:39

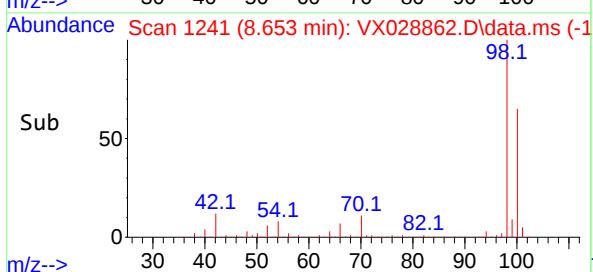
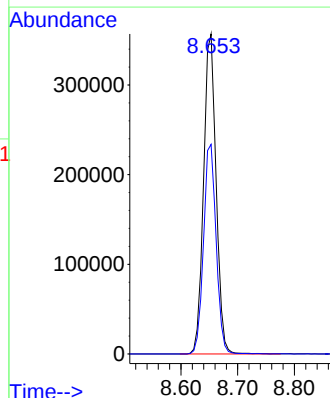
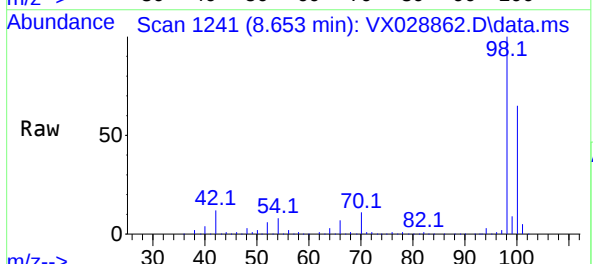
Instrument :
 MSVOA_X
 ClientSampleId :
 TT-DUP01-20220516

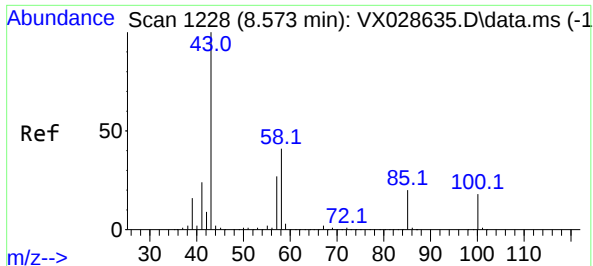
Tgt Ion:130 Resp: 23334
 Ion Ratio Lower Upper
 130 100
 95 88.7 0.0 188.8



#50
 Toluene-d8
 Concen: 47.953 ug/l
 RT: 8.653 min Scan# 1241
 Delta R.T. 0.007 min
 Lab File: VX028862.D
 Acq: 20 May 2022 19:39

Tgt Ion: 98 Resp: 548168
 Ion Ratio Lower Upper
 98 100
 100 66.0 52.6 78.8

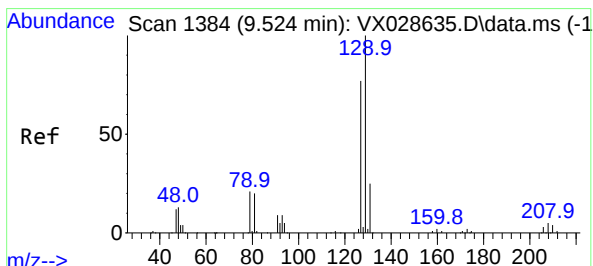
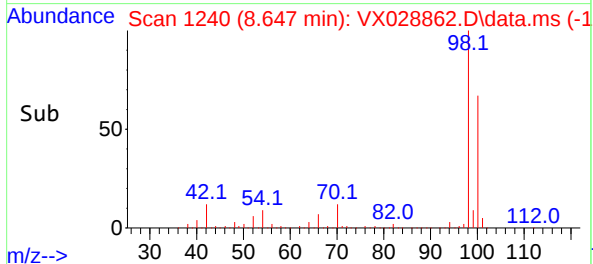
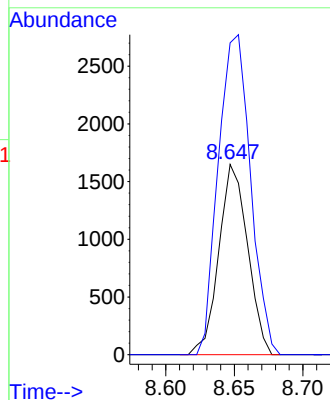
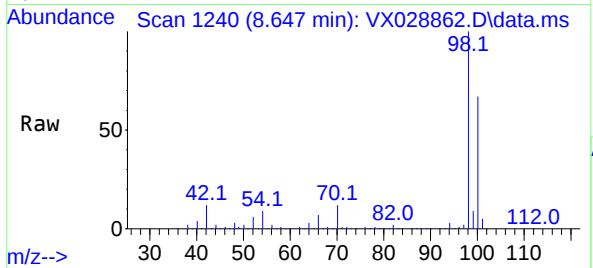




#51
4-Methyl-2-Pentanone
Concen: 0.493 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.074 min
Lab File: VX028862.D
Acq: 20 May 2022 19:39

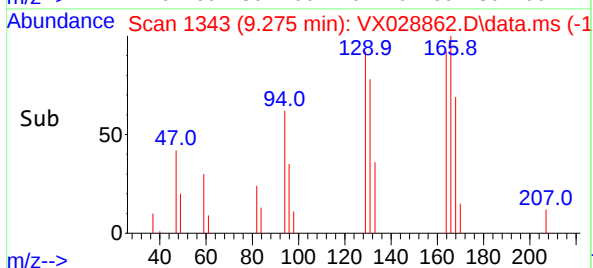
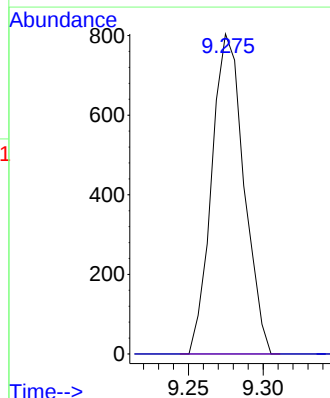
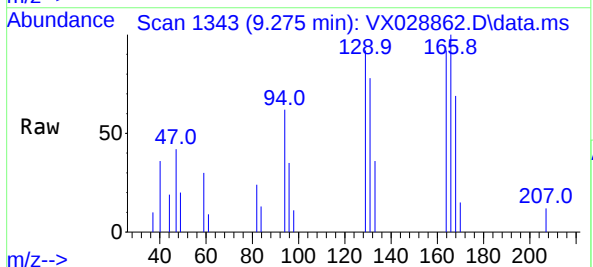
Instrument :
MSVOA_X
ClientSampleId :
TT-DUP01-20220516

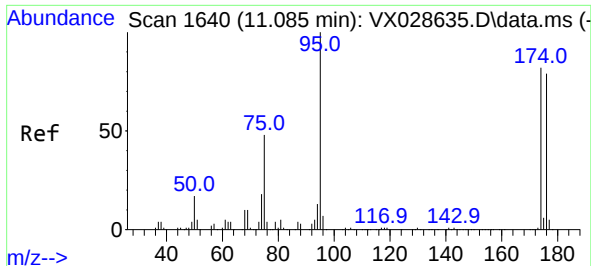
Tgt Ion: 43 Resp: 2415
Ion Ratio Lower Upper
43 100
58 188.2 36.1 54.1#



#60
Dibromochloromethane
Concen: 0.360 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.249 min
Lab File: VX028862.D
Acq: 20 May 2022 19:39

Tgt Ion: 129 Resp: 1206
Ion Ratio Lower Upper
129 100
127 0.0 40.3 120.8#

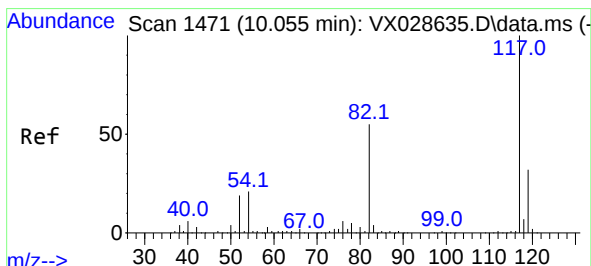
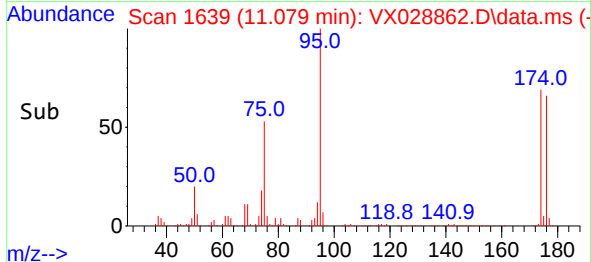
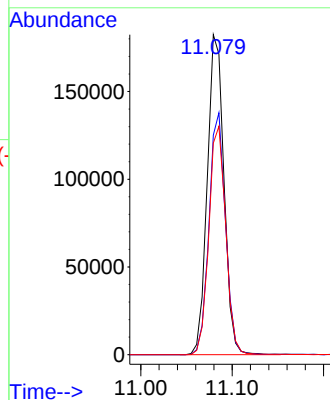
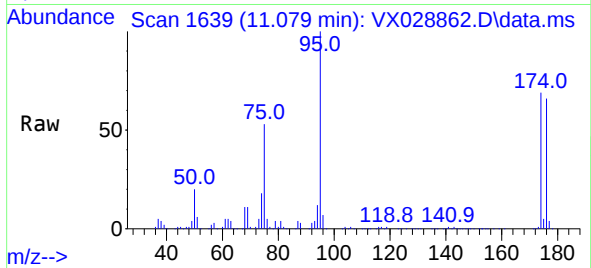




#62
4-Bromofluorobenzene
Concen: 54.022 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028862.D
Acq: 20 May 2022 19:39

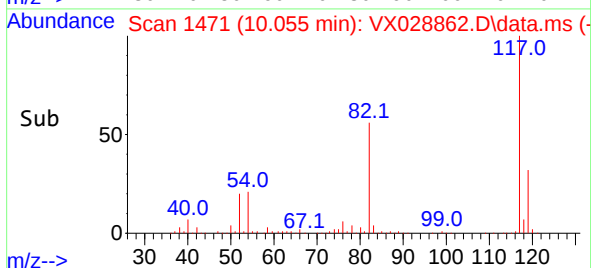
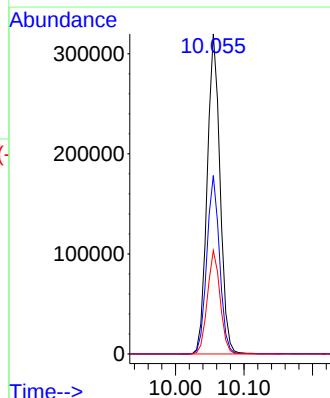
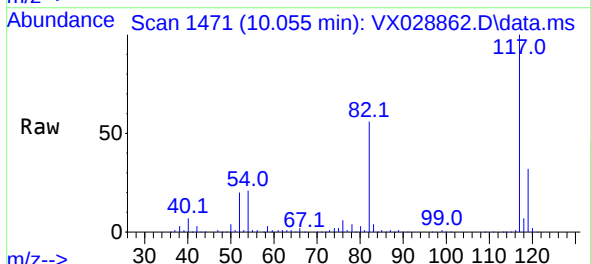
Instrument :
MSVOA_X
ClientSampleId :
TT-DUP01-20220516

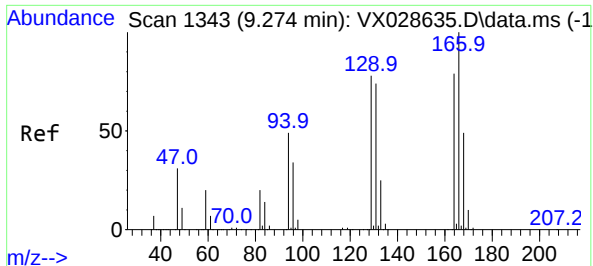
Tgt Ion: 95 Resp: 230660
Ion Ratio Lower Upper
95 100
174 74.6 0.0 163.0
176 72.2 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028862.D
Acq: 20 May 2022 19:39

Tgt Ion: 117 Resp: 417686
Ion Ratio Lower Upper
117 100
82 55.7 41.8 62.8
119 32.4 24.8 37.2



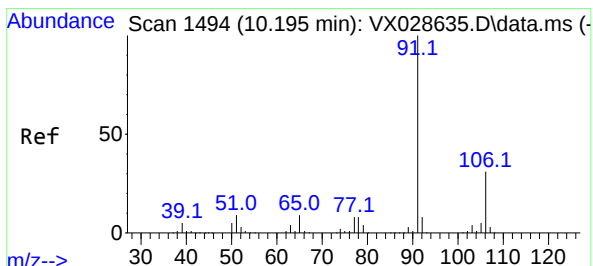
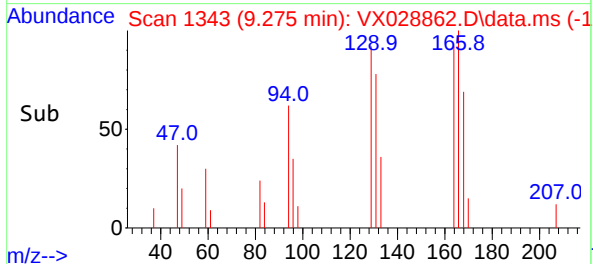
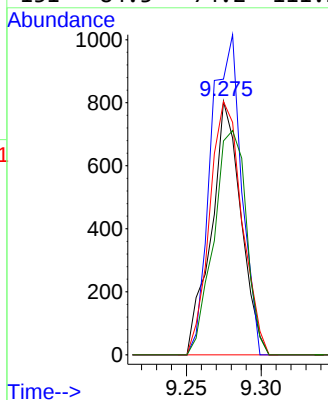
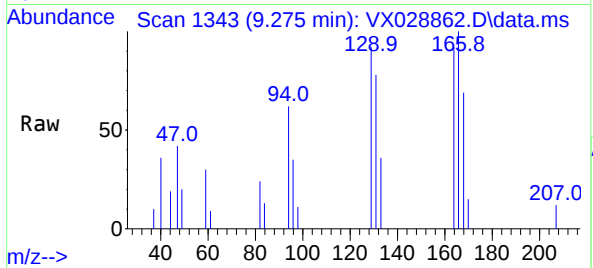


#64
Tetrachloroethene
Concen: 0.353 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX028862.D
Acq: 20 May 2022 19:39

Instrument :
MSVOA_X
ClientSampleId :
TT-DUP01-20220516

Tgt Ion:164 Resp: 1115

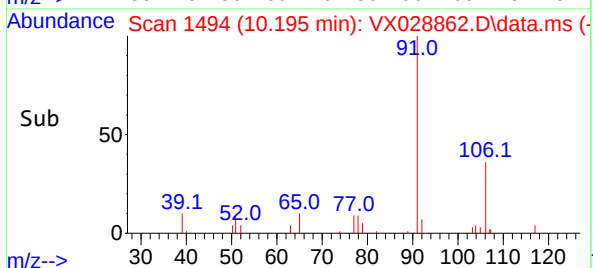
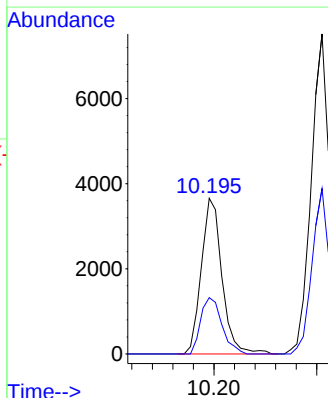
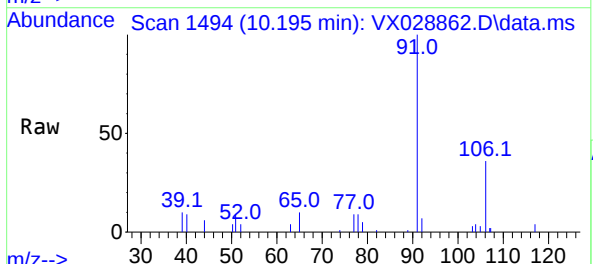
Ion	Ratio	Lower	Upper
164	100		
166	108.7	101.2	151.8
129	99.9	73.0	109.4
131	84.3	74.2	111.2

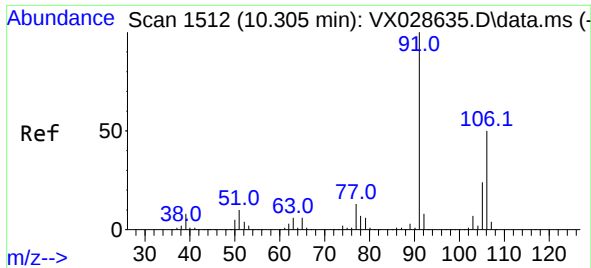


#67
Ethyl Benzene
Concen: 0.322 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX028862.D
Acq: 20 May 2022 19:39

Tgt Ion: 91 Resp: 5107

Ion	Ratio	Lower	Upper
91	100		
106	36.2	24.6	36.8

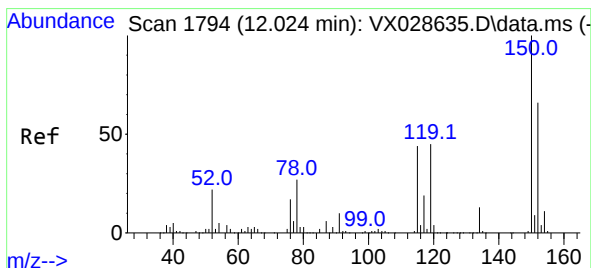
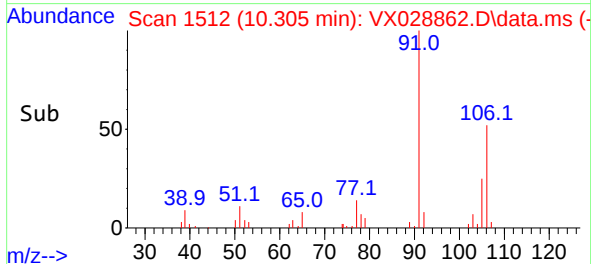
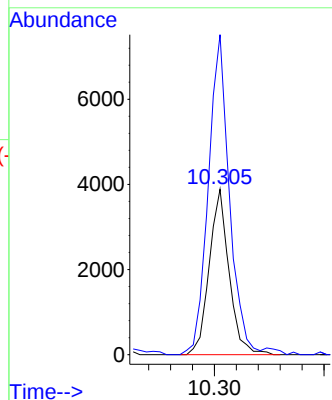
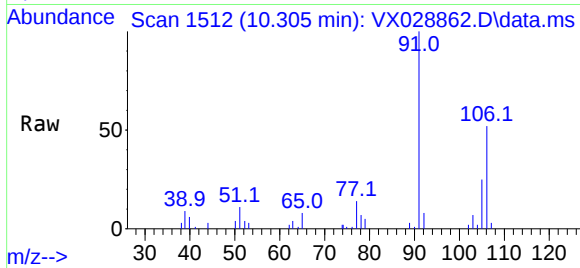




#68
m/p-Xylenes
Concen: 0.790 ug/l
RT: 10.305 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028862.D
Acq: 20 May 2022 19:39

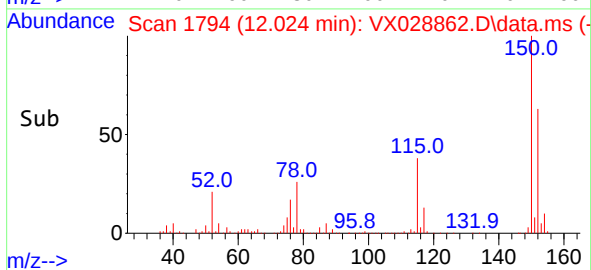
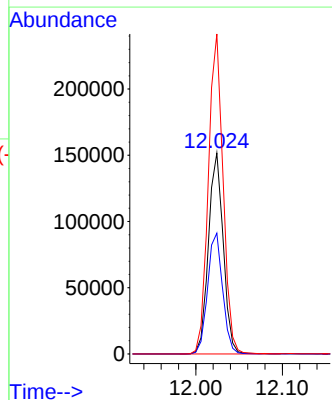
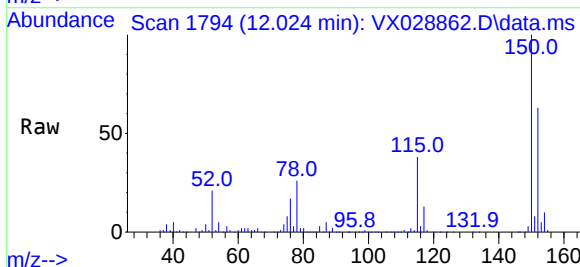
Instrument :
MSVOA_X
ClientSampleId :
TT-DUP01-20220516

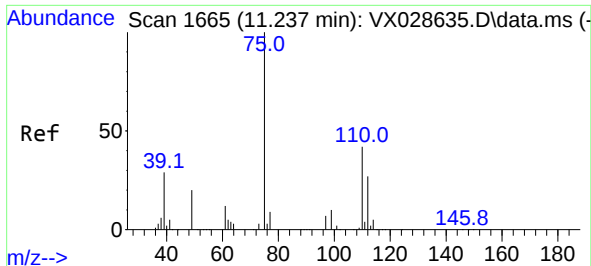
Tgt Ion:106 Resp: 4883
Ion Ratio Lower Upper
106 100
91 204.6 160.4 240.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028862.D
Acq: 20 May 2022 19:39

Tgt Ion:152 Resp: 180068
Ion Ratio Lower Upper
152 100
115 61.1 37.5 112.7
150 158.6 0.0 338.2

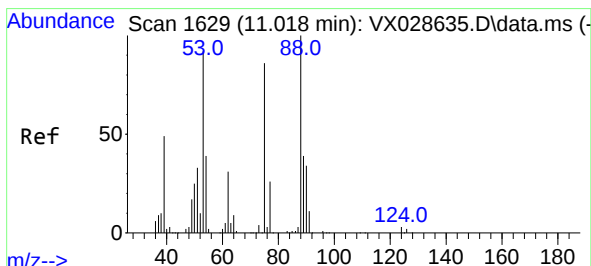
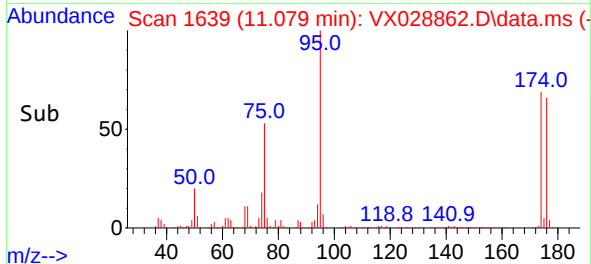
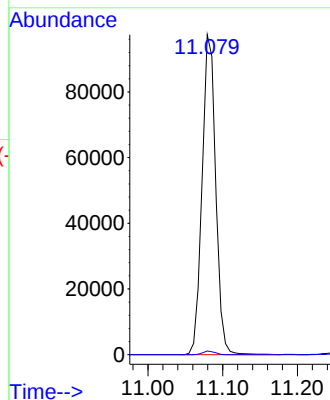
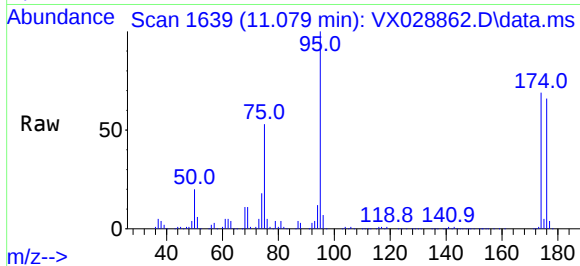




#76
1,2,3-Trichloropropane
Concen: 29.217 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX028862.D
Acq: 20 May 2022 19:39

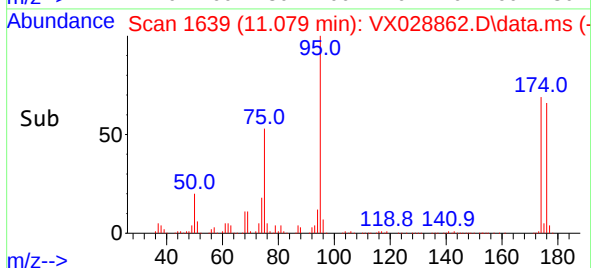
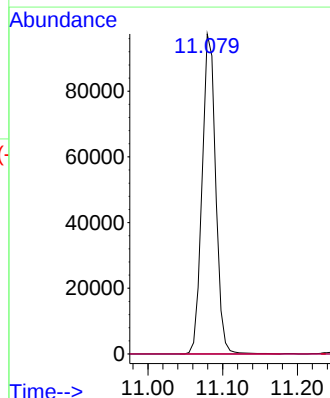
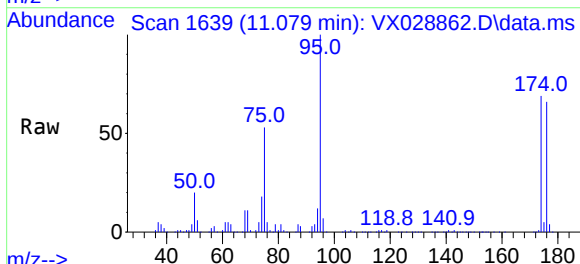
Instrument :
MSVOA_X
ClientSampleId :
TT-DUP01-20220516

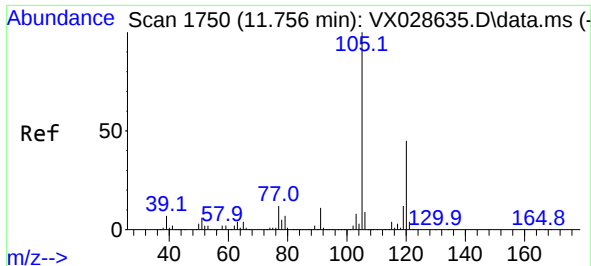
Tgt Ion: 75 Resp: 123208
Ion Ratio Lower Upper
75 100
77 1.0 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 84.284 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028862.D
Acq: 20 May 2022 19:39

Tgt Ion: 75 Resp: 123208
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

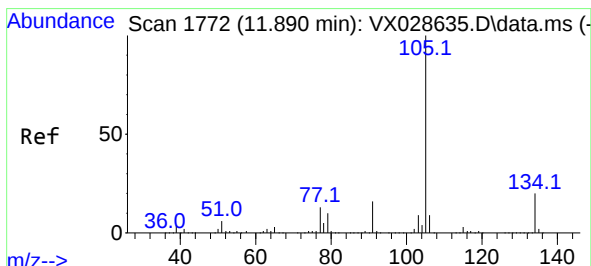
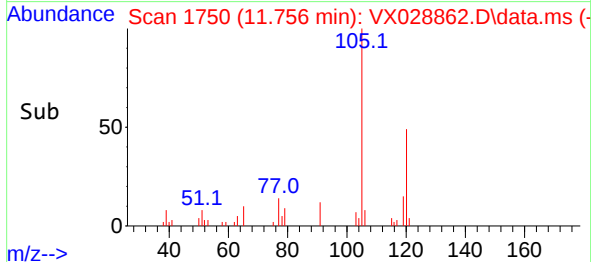
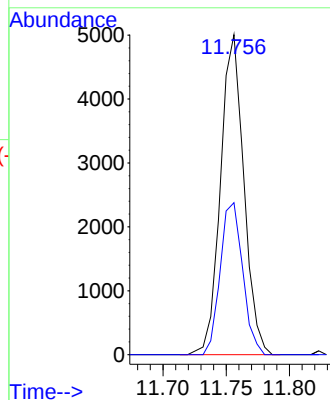
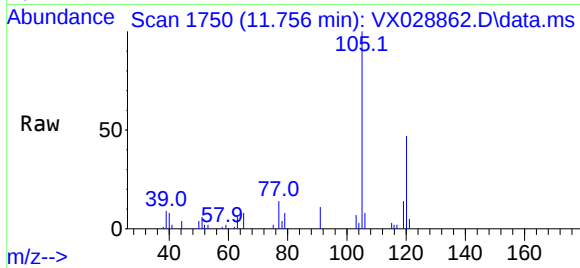




#84
1,2,4-Trimethylbenzene
Concen: 0.562 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX028862.D
Acq: 20 May 2022 19:39

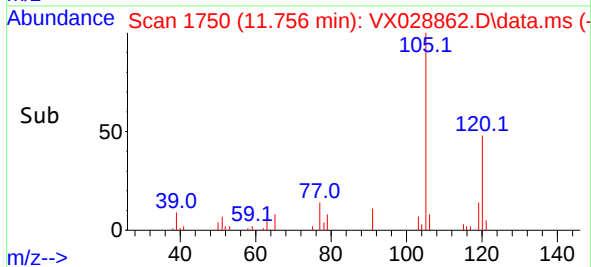
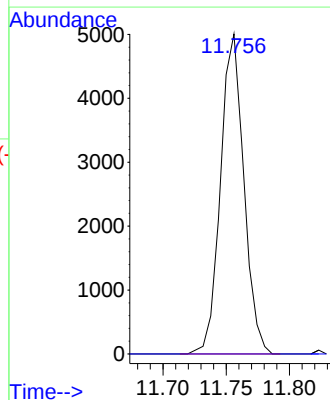
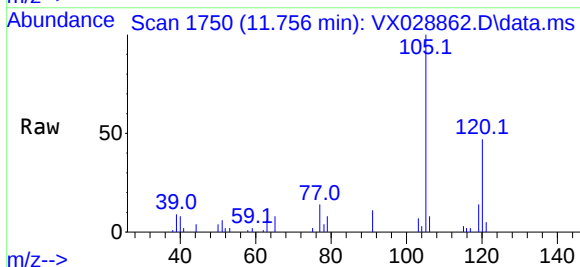
Instrument :
MSVOA_X
ClientSampleId :
TT-DUP01-20220516

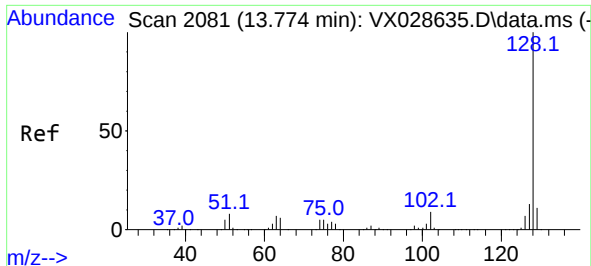
Tgt Ion:105 Resp: 6412
Ion Ratio Lower Upper
105 100
120 45.7 22.6 67.8



#85
sec-Butylbenzene
Concen: 0.472 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.134 min
Lab File: VX028862.D
Acq: 20 May 2022 19:39

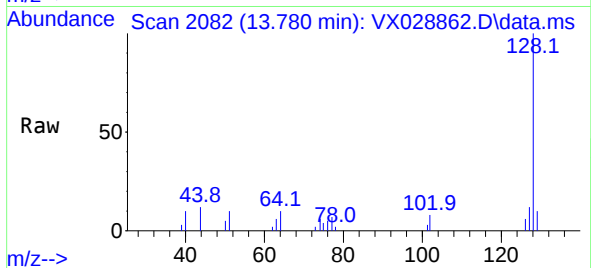
Tgt Ion:105 Resp: 6412
Ion Ratio Lower Upper
105 100
134 0.0 10.2 30.4#





#95
Naphthalene
Concen: 0.355 ug/l
RT: 13.780 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX028862.D
Acq: 20 May 2022 19:39

Instrument :
MSVOA_X
ClientSampleId :
TT-DUP01-20220516



Tgt Ion:128 Resp: 4541
Ion Ratio Lower Upper
128 100
127 9.3 10.2 15.4#
129 9.7 8.7 13.1

