

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052022\
 Data File : VX028850.D
 Acq On : 20 May 2022 15:00
 Operator : JC/MD
 Sample : N2800-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

Quant Time: May 20 23:29:04 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)

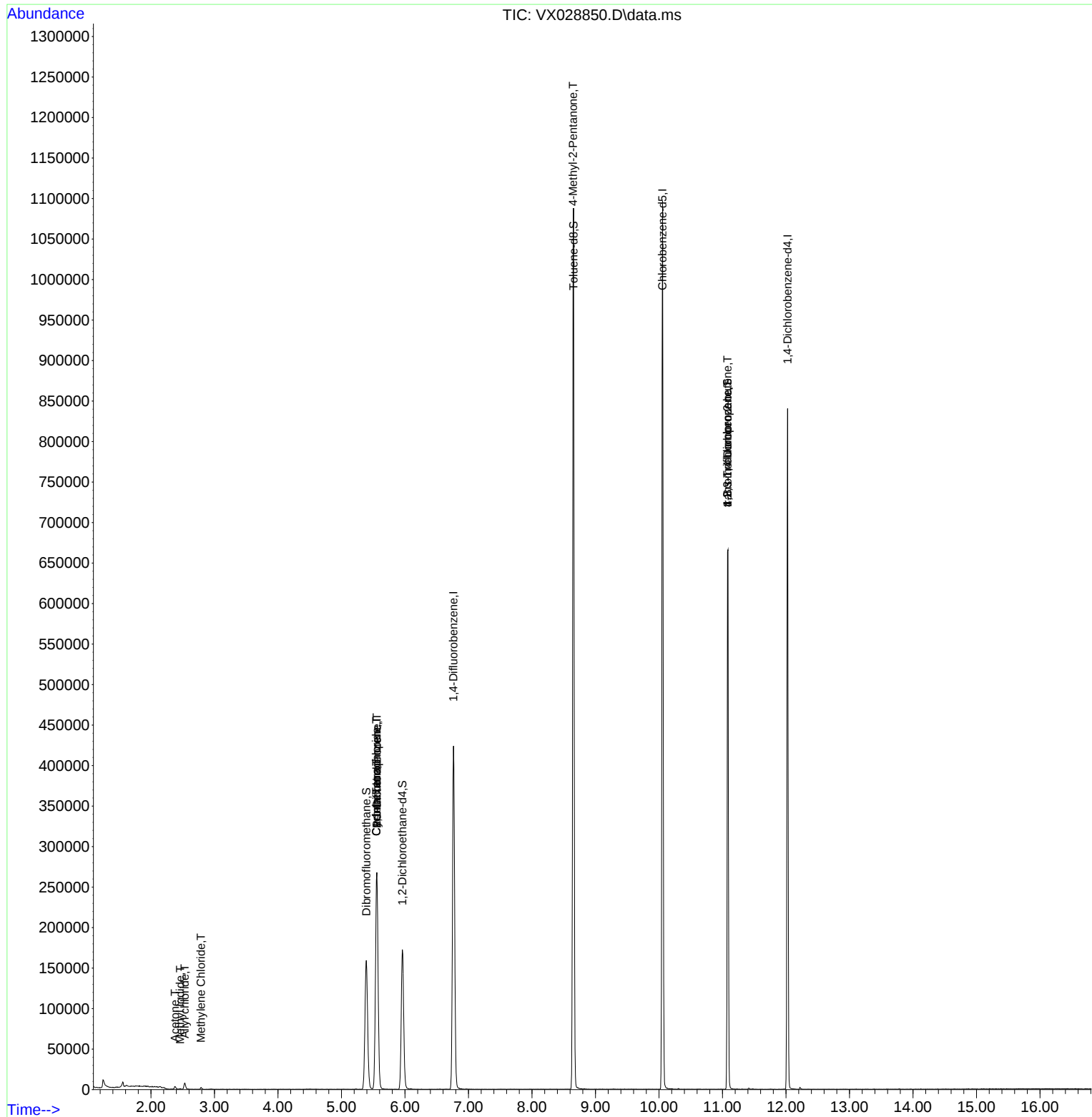
Internal Standards						
1) Pentafluorobenzene	5.556	168	246000	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	431302	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	481040	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	162950	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	166983	49.519	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.040%
35) Dibromofluoromethane	5.391	113	138744	49.099	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.200%
50) Toluene-d8	8.653	98	638543	59.935	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	119.880%
62) 4-Bromofluorobenzene	11.079	95	173719	43.656	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	87.320%
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	811	Below Cal		86
6) Chloroethane	1.685	64	801	Below Cal	#	48
10) Methyl Iodide	2.459	142	770	0.234	ug/l #	75
11) Tert butyl alcohol	2.941	59	301	Below Cal	#	72
14) Allyl chloride	2.532	41	977	0.239	ug/l #	65
16) Acetone	2.380	43	3563	2.462	ug/l #	85
20) Methylene Chloride	2.788	84	916	0.302	ug/l #	92
31) Cyclohexane	5.550	56	5575	1.191	ug/l #	18
36) 1,1-Dichloropropene	5.556	75	19412	4.574	ug/l #	50
38) Carbon Tetrachloride	5.550	117	25936	6.072	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	2749	0.602	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	94763	24.832	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	94763	72.217	ug/l #	15

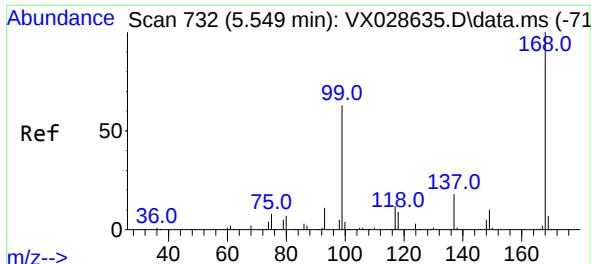
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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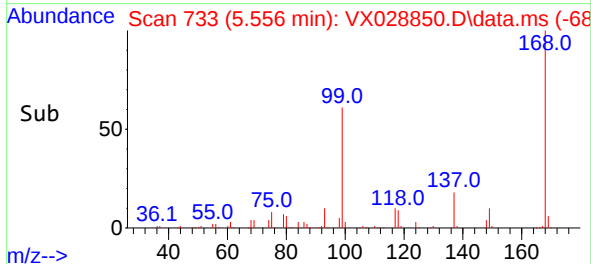
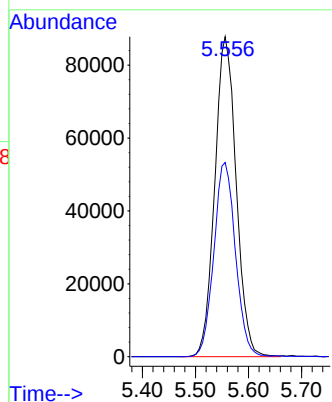
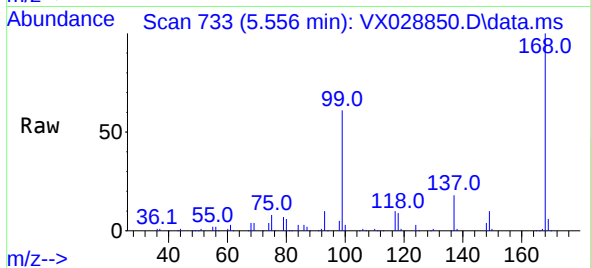




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028850.D
Acq: 20 May 2022 15:00

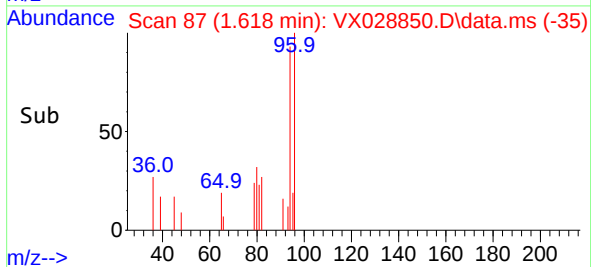
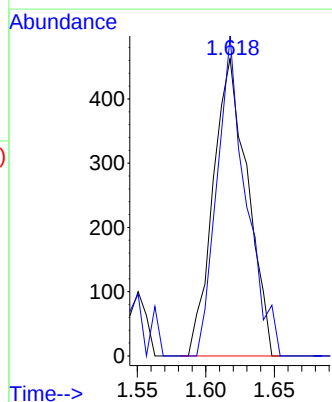
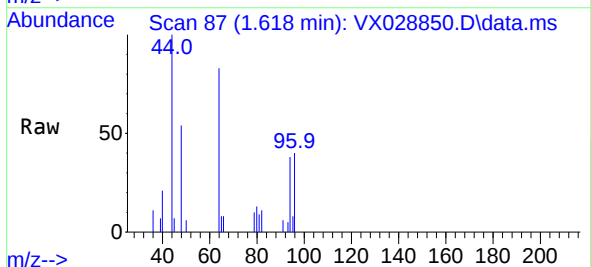
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

Tgt Ion:168 Resp: 246000
Ion Ratio Lower Upper
168 100
99 60.7 41.7 62.5

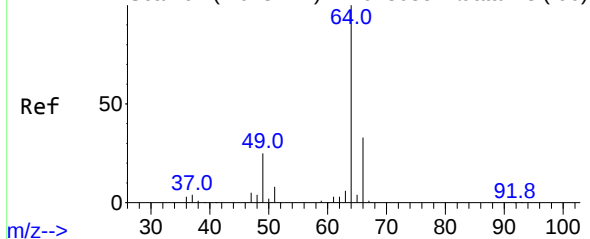


#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX028850.D
Acq: 20 May 2022 15:00

Tgt Ion: 94 Resp: 811
Ion Ratio Lower Upper
94 100
96 107.6 75.3 112.9



Abundance Scan 97 (1.678 min): VX028635.D\data.ms (-90)

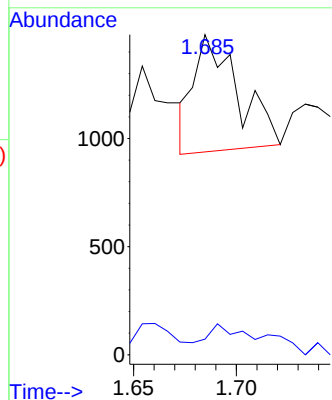
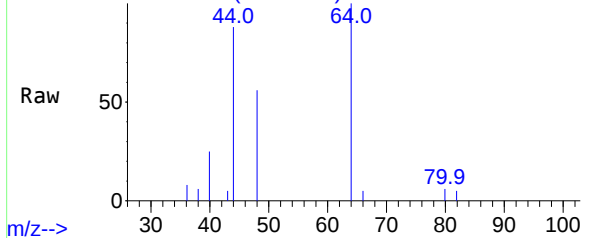


#6
Chloroethane
Concen: Below Cal
RT: 1.685 min Scan# 91
Delta R.T. 0.007 min
Lab File: VX028850.D
Acq: 20 May 2022 15:00

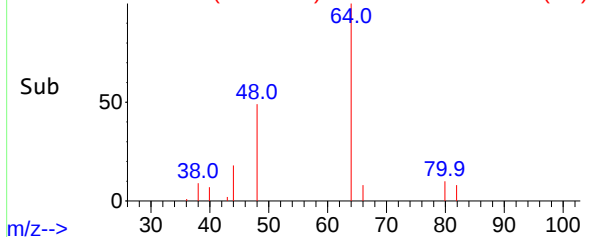
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

Tgt Ion: 64 Resp: 801
Ion Ratio Lower Upper
64 100
66 2.6 25.3 37.9#

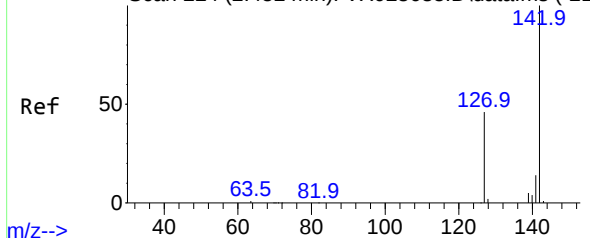
Abundance Scan 98 (1.685 min): VX028850.D\data.ms



Abundance Scan 98 (1.685 min): VX028850.D\data.ms (-48)



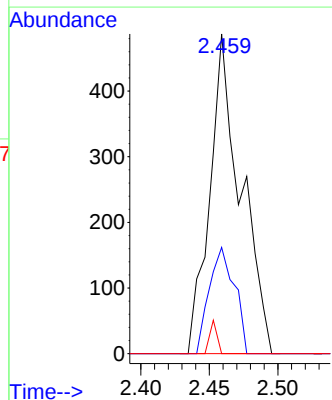
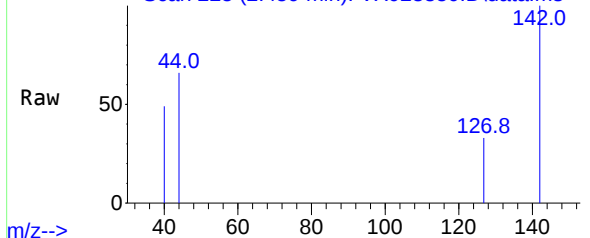
Abundance Scan 224 (2.452 min): VX028635.D\data.ms (-21)



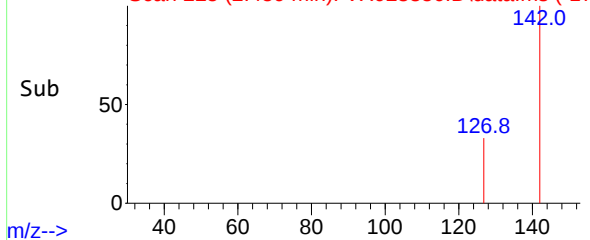
#10
Methyl Iodide
Concen: 0.234 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.007 min
Lab File: VX028850.D
Acq: 20 May 2022 15:00

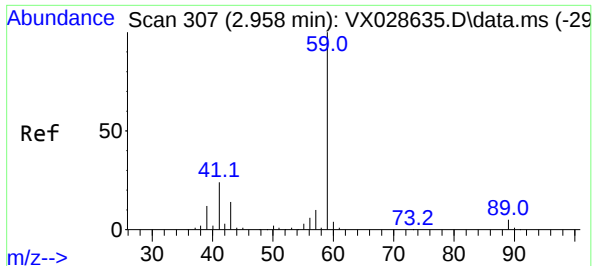
Tgt Ion: 142 Resp: 770
Ion Ratio Lower Upper
142 100
127 27.0 33.9 50.9#
141 2.5 11.4 17.2#

Abundance Scan 225 (2.459 min): VX028850.D\data.ms



Abundance Scan 225 (2.459 min): VX028850.D\data.ms (-17)





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.941 min Scan# 307

Delta R.T. -0.017 min

Lab File: VX028850.D

Acq: 20 May 2022 15:00

Instrument :

MSVOA_X

ClientSampleId :

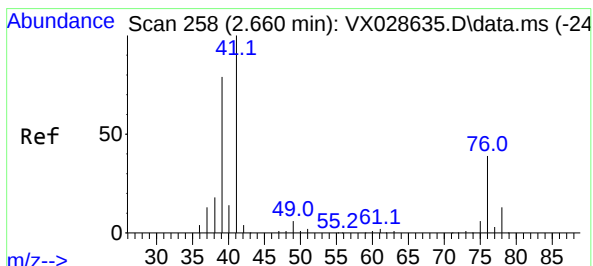
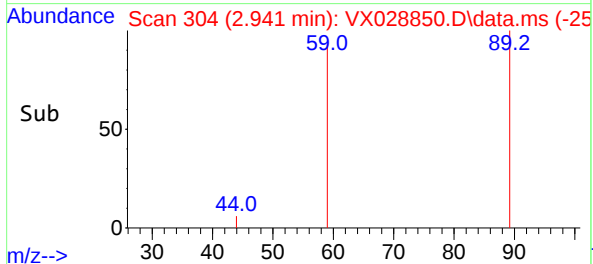
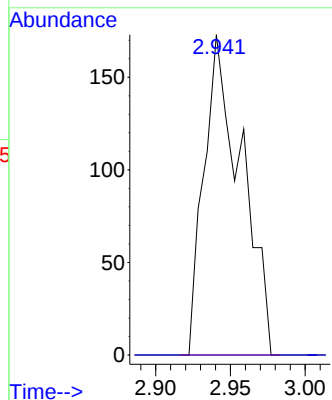
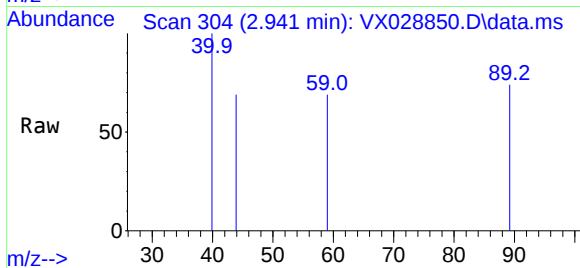
TRIP-BLANK

Tgt Ion: 59 Resp: 301

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#14

Allyl chloride

Concen: 0.239 ug/l

RT: 2.532 min Scan# 237

Delta R.T. -0.128 min

Lab File: VX028850.D

Acq: 20 May 2022 15:00

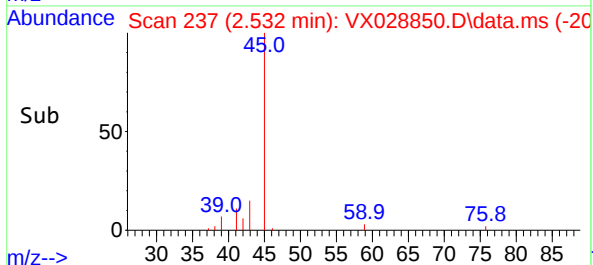
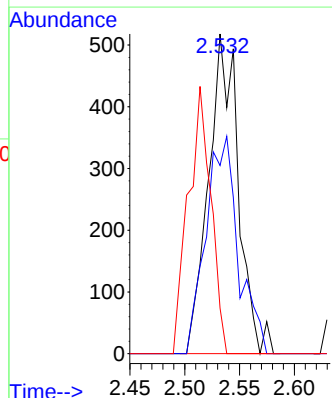
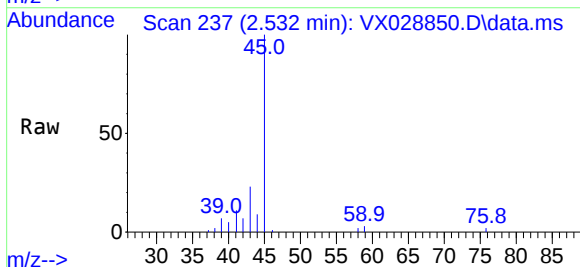
Tgt Ion: 41 Resp: 977

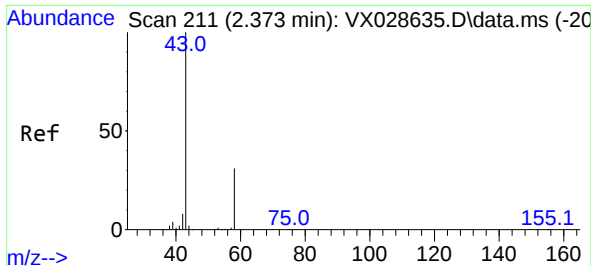
Ion Ratio Lower Upper

41 100

39 74.2 50.4 75.6

76 0.0 32.7 49.1#

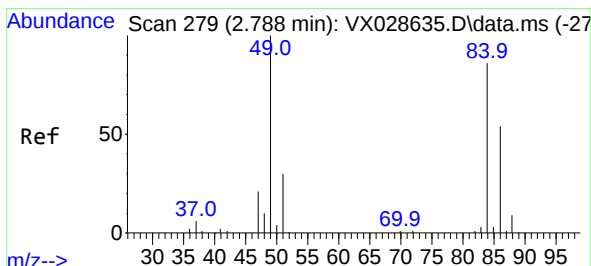
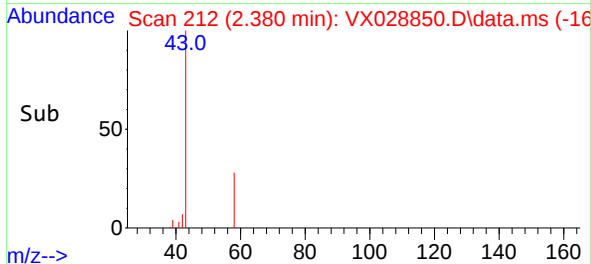
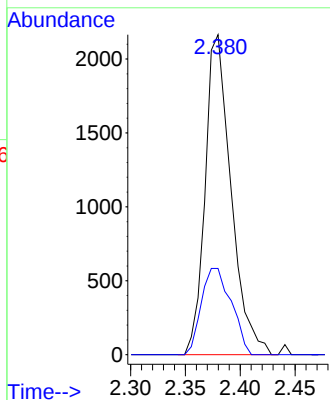
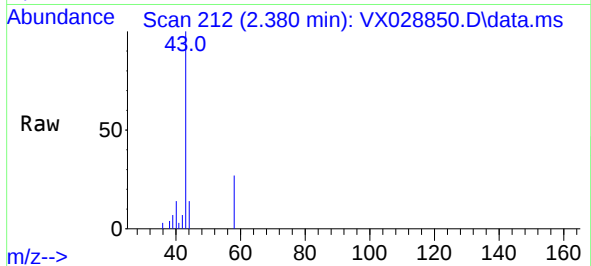




#16
Acetone
Concen: 2.462 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.007 min
Lab File: VX028850.D
Acq: 20 May 2022 15:00

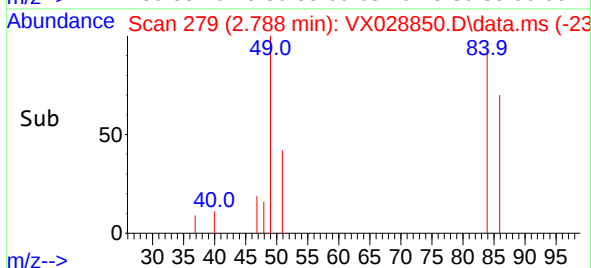
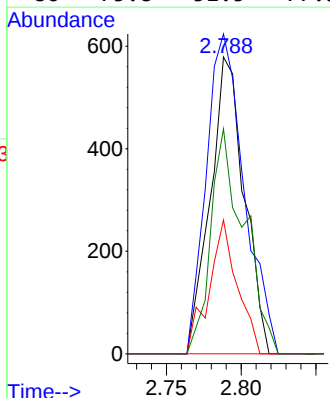
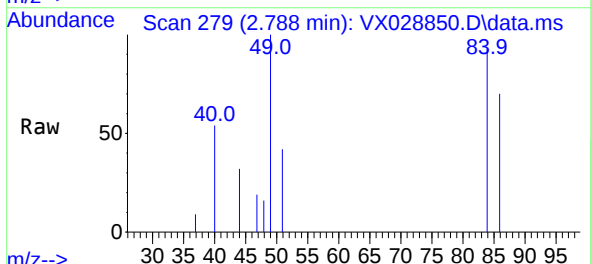
Instrument :
MSVOA_X
ClientSampleId :
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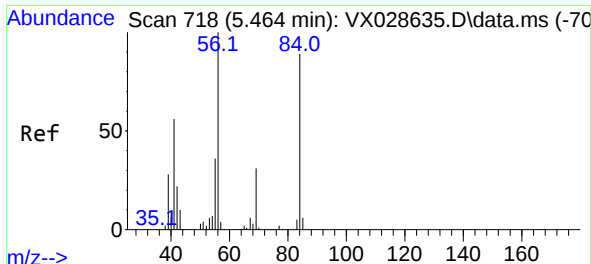
Tgt Ion: 43 Resp: 3563
Ion Ratio Lower Upper
43 100
58 26.9 28.8 43.2#



#20
Methylene Chloride
Concen: 0.302 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX028850.D
Acq: 20 May 2022 15:00

Tgt Ion: 84 Resp: 916
Ion Ratio Lower Upper
84 100
49 107.8 85.5 128.3
51 45.1 26.6 39.8#
86 75.8 51.5 77.3

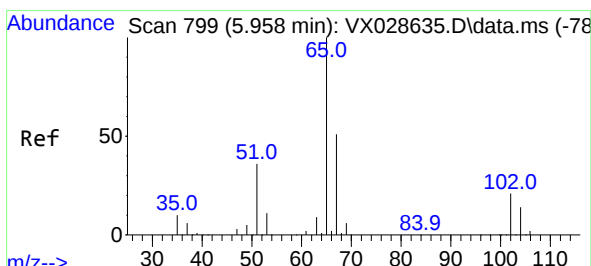
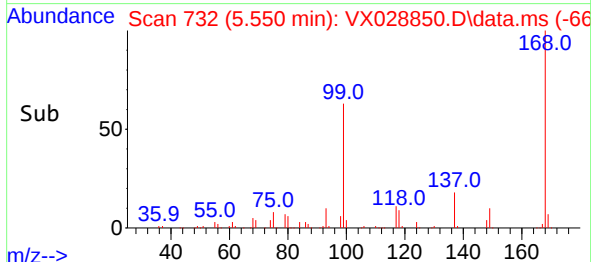
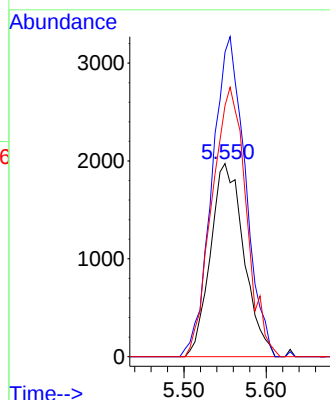
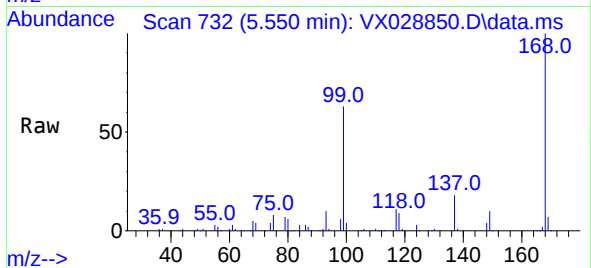




#31
Cyclohexane
Concen: 1.191 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.086 min
Lab File: VX028850.D
Acq: 20 May 2022 15:00

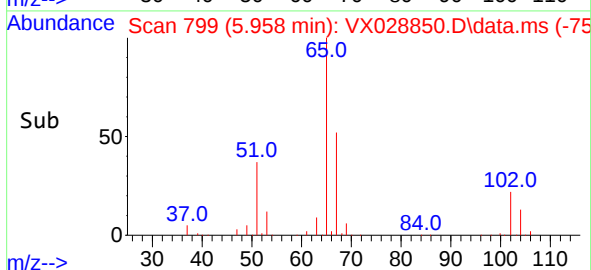
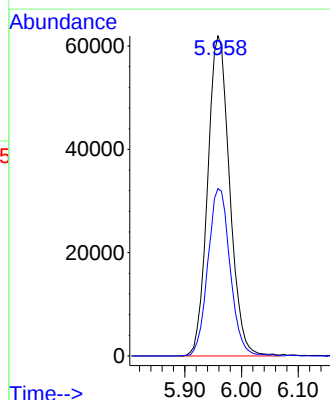
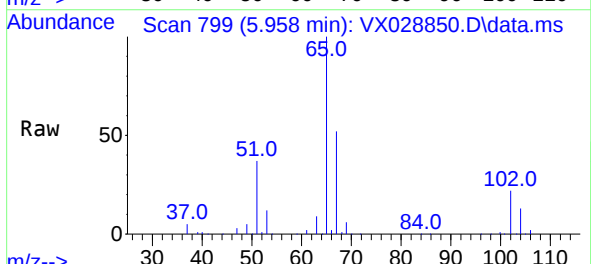
Instrument :
MSVOA_X
ClientSampleId :
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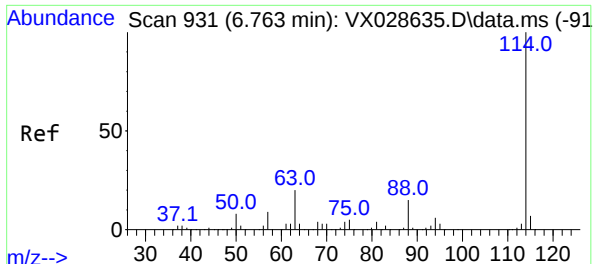
Tgt Ion: 56 Resp: 5575
Ion Ratio Lower Upper
56 100
69 157.7 26.7 40.1#
84 130.1 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 49.519 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028850.D
Acq: 20 May 2022 15:00

Tgt Ion: 65 Resp: 166983
Ion Ratio Lower Upper
65 100
67 52.7 0.0 107.4

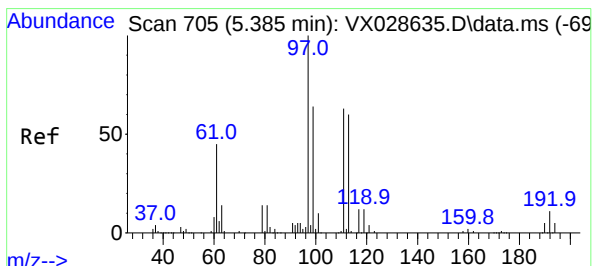
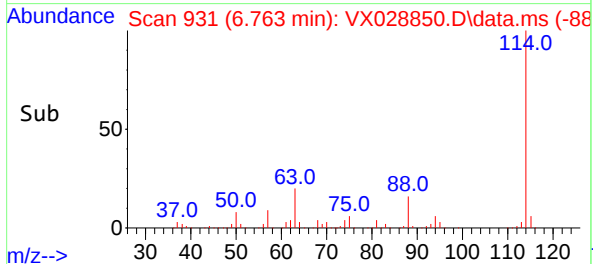
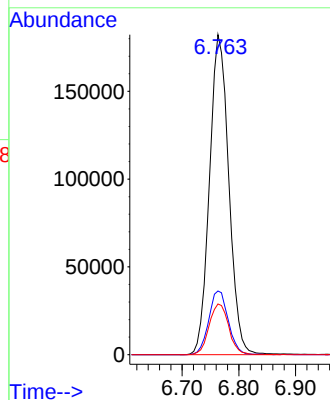
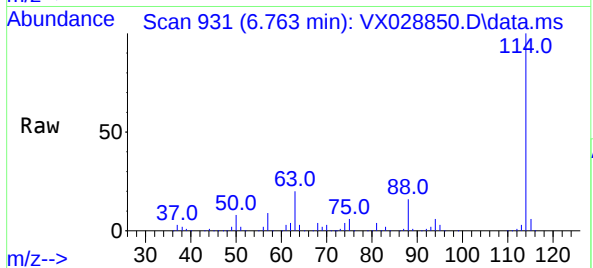




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX028850.D
Acq: 20 May 2022 15:00

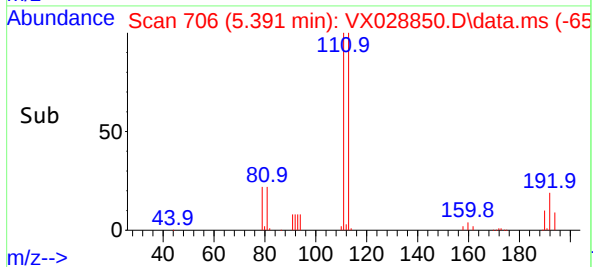
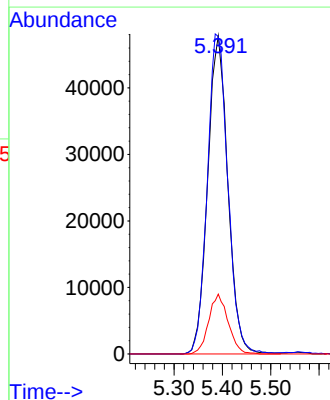
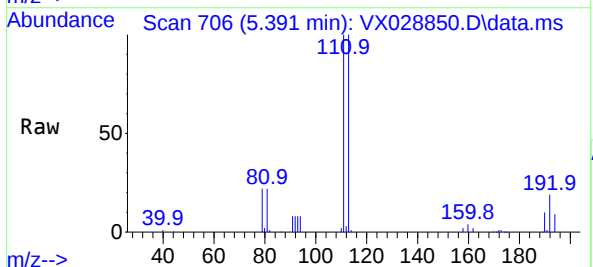
Instrument :
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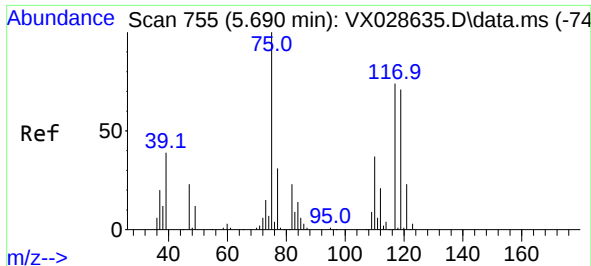
Tgt Ion:114 Resp: 431302
Ion Ratio Lower Upper
114 100
63 19.9 0.0 36.8
88 15.8 0.0 32.4



#35
Dibromofluoromethane
Concen: 49.099 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX028850.D
Acq: 20 May 2022 15:00

Tgt Ion:113 Resp: 138744
Ion Ratio Lower Upper
113 100
111 102.1 82.8 124.2
192 18.1 16.9 25.3

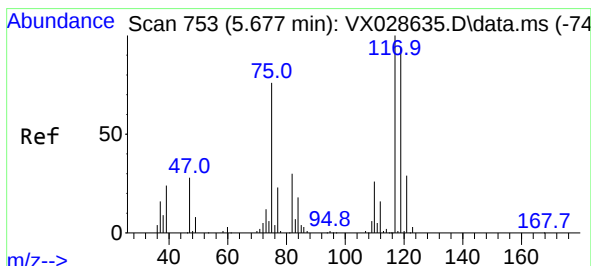
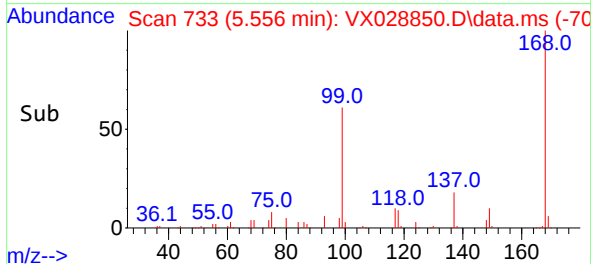
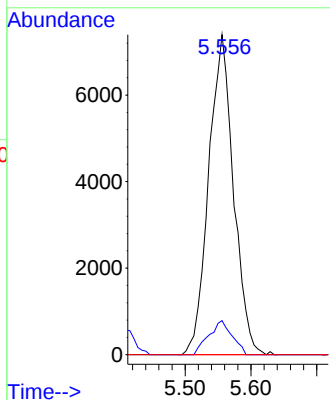
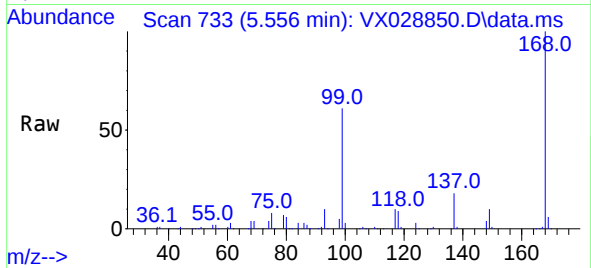




#36
1,1-Dichloropropene
Concen: 4.574 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX028850.D
Acq: 20 May 2022 15:00

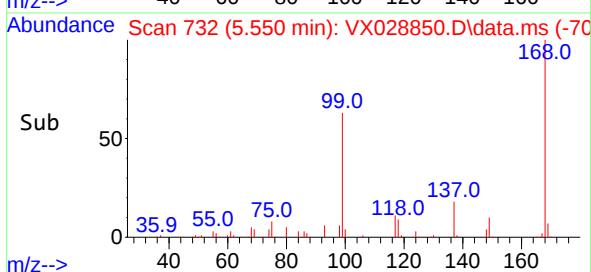
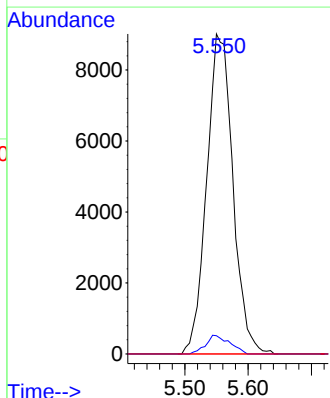
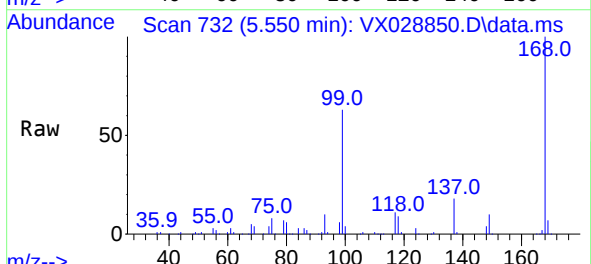
Instrument :
MSVOA_X
ClientSampleId :
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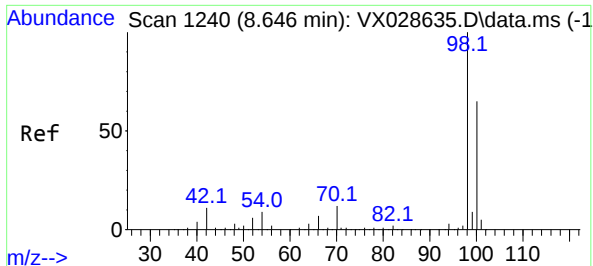
Tgt Ion: 75 Resp: 19412
Ion Ratio Lower Upper
75 100
110 10.0 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 6.072 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.127 min
Lab File: VX028850.D
Acq: 20 May 2022 15:00

Tgt Ion: 117 Resp: 25936
Ion Ratio Lower Upper
117 100
119 5.7 77.3 115.9#
121 0.0 24.2 36.2#

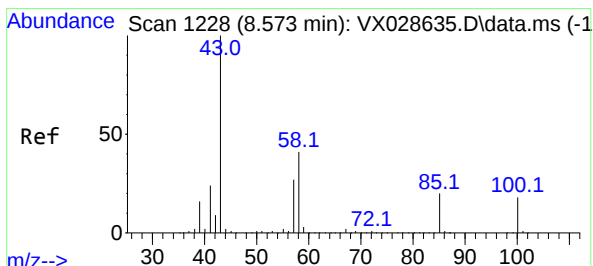
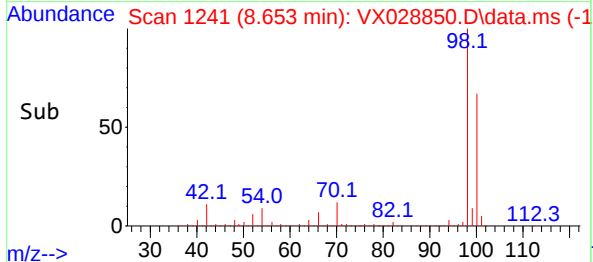
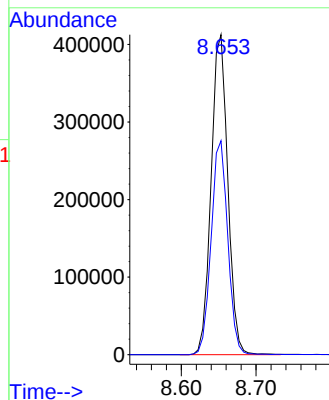
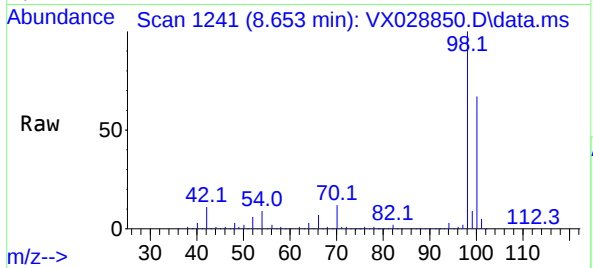




#50
Toluene-d8
Concen: 59.935 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.007 min
Lab File: VX028850.D
Acq: 20 May 2022 15:00

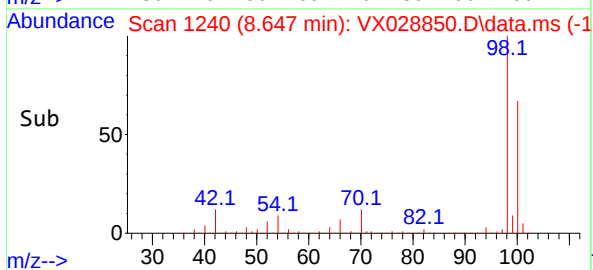
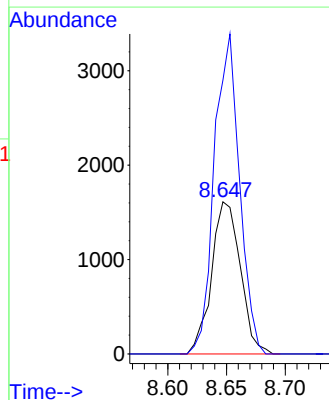
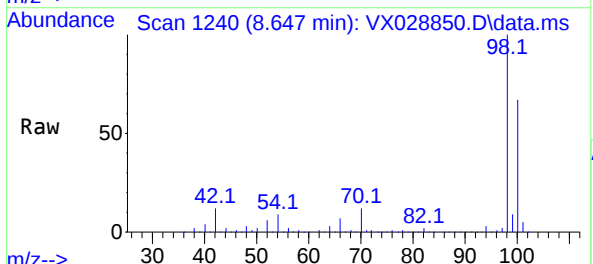
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

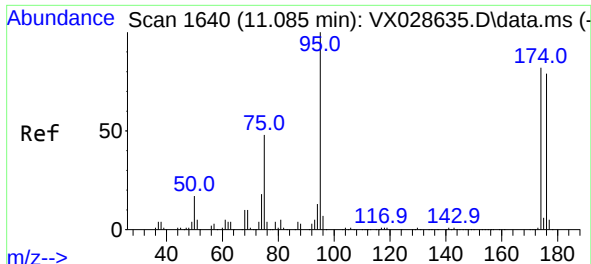
Tgt Ion: 98 Resp: 638543
Ion Ratio Lower Upper
98 100
100 66.8 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.602 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.074 min
Lab File: VX028850.D
Acq: 20 May 2022 15:00

Tgt Ion: 43 Resp: 2749
Ion Ratio Lower Upper
43 100
58 184.3 36.1 54.1#

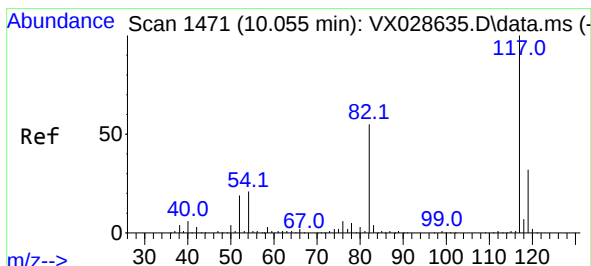
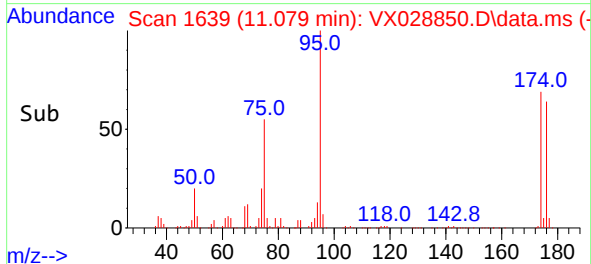
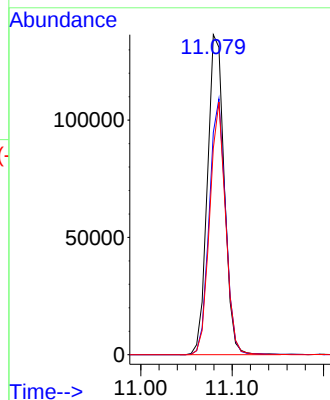
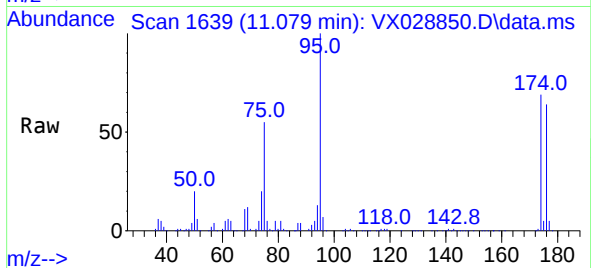




#62
4-Bromofluorobenzene
Concen: 43.656 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028850.D
Acq: 20 May 2022 15:00

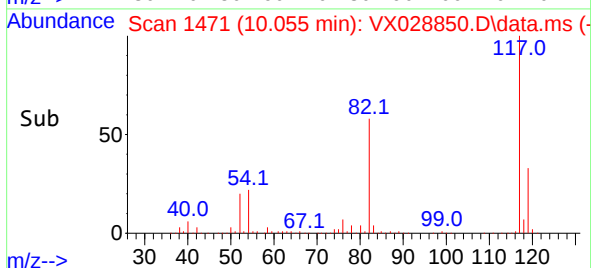
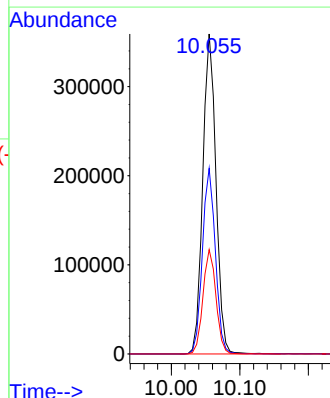
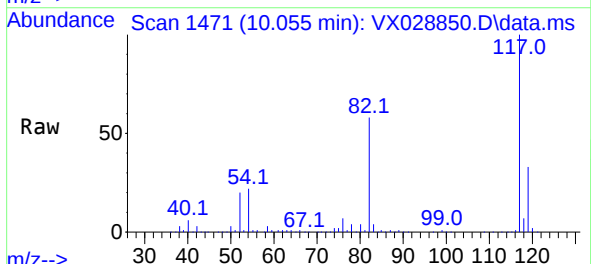
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

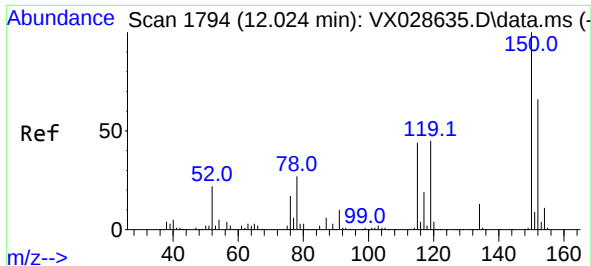
Tgt Ion: 95 Resp: 173719
Ion Ratio Lower Upper
95 100
174 77.9 0.0 163.0
176 74.4 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028850.D
Acq: 20 May 2022 15:00

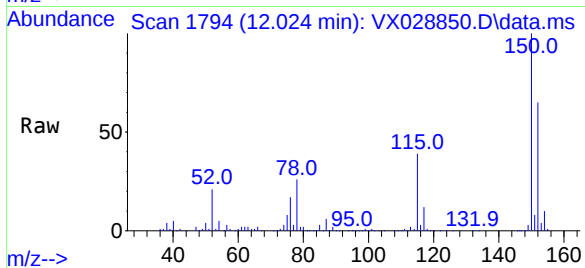
Tgt Ion: 117 Resp: 481040
Ion Ratio Lower Upper
117 100
82 58.0 41.8 62.8
119 32.6 24.8 37.2



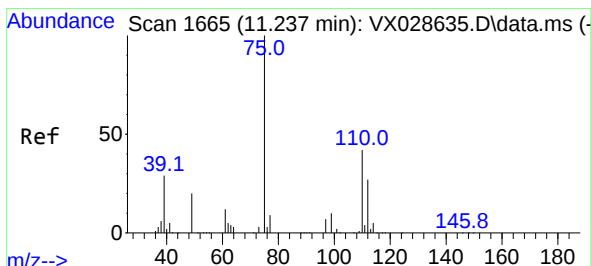
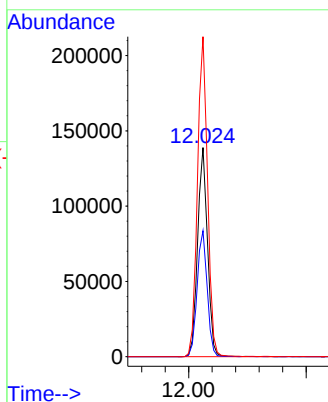
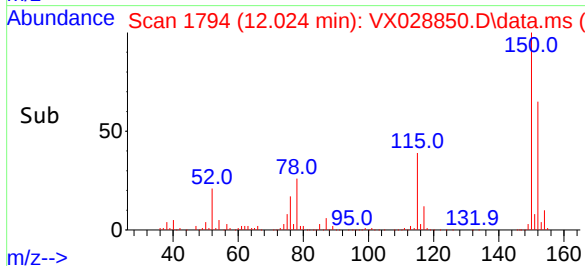


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028850.D
Acq: 20 May 2022 15:00

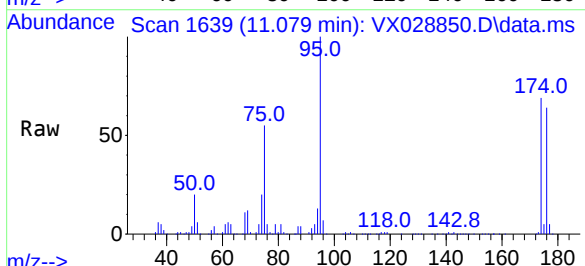
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK



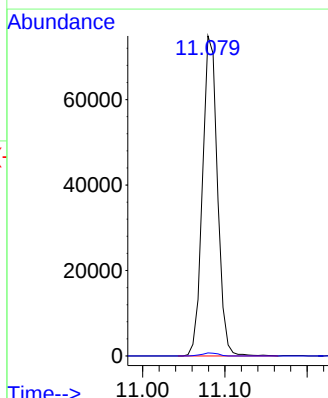
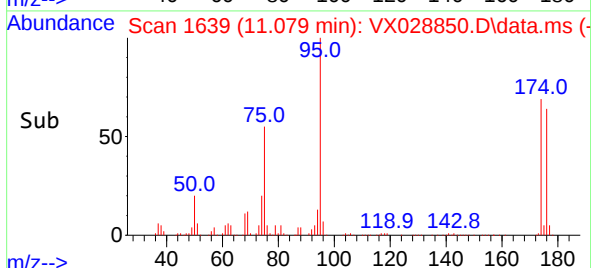
Tgt Ion:152 Resp: 162950
Ion Ratio Lower Upper
152 100
115 61.2 37.5 112.7
150 155.8 0.0 338.2

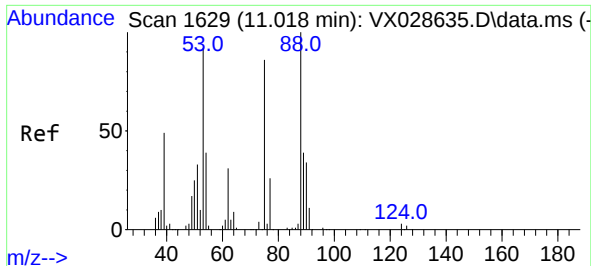


#76
1,2,3-Trichloropropane
Concen: 24.832 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX028850.D
Acq: 20 May 2022 15:00



Tgt Ion: 75 Resp: 94763
Ion Ratio Lower Upper
75 100
77 1.0 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 72.217 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX028850.D
 Acq: 20 May 2022 15:00

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

Tgt Ion: 75 Resp: 94763
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.1 37.0 55.6#

