

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032822\
 Data File : VX027755.D
 Acq On : 28 Mar 2022 17:18
 Operator : JC/MD
 Sample : N2154-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB

Quant Time: Mar 29 05:40:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 25 16:26:59 2022
 Response via : Initial Calibration

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

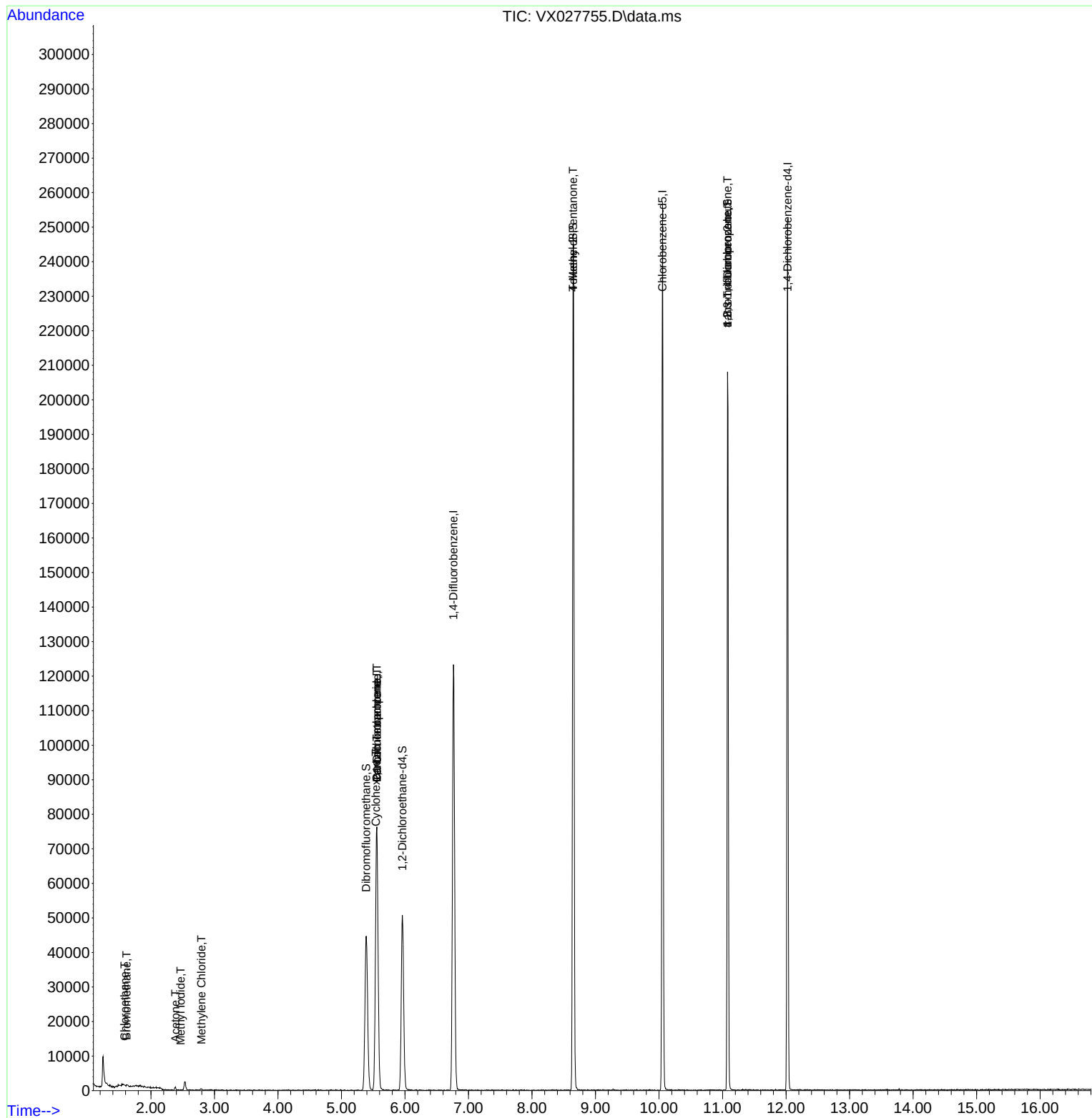
Internal Standards						
1) Pentafluorobenzene	5.556	168	69081	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	122184	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	110003	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	46323	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	49107	43.342	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	86.680%
35) Dibromofluoromethane	5.385	113	38801	48.358	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.720%
50) Toluene-d8	8.647	98	149405	48.169	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.340%
62) 4-Bromofluorobenzene	11.079	95	58502	46.483	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	92.960%
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	170	0.531	ug/l #	45
6) Chloroethane	1.587	64	335	0.655	ug/l #	43
10) Methyl Iodide	2.465	142	49	2.923	ug/l #	41
16) Acetone	2.386	43	887	1.851	ug/l	97
20) Methylene Chloride	2.794	84	275	0.322	ug/l #	44
31) Cyclohexane	5.544	56	1560	1.136	ug/l #	48
36) 1,1-Dichloropropene	5.556	75	5729	4.520	ug/l #	46
38) Carbon Tetrachloride	5.556	117	7398	5.973	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	757	0.495	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	31739	24.609	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	31739	83.765	ug/l #	15

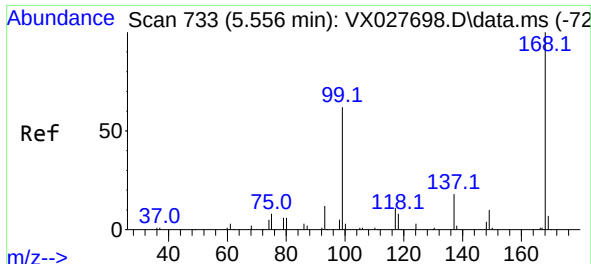
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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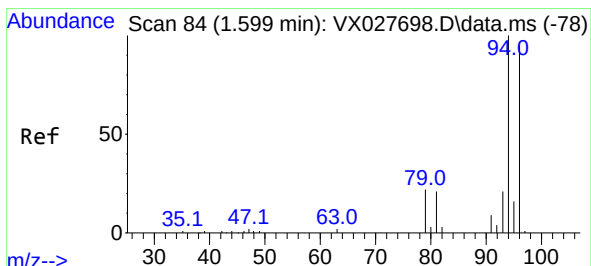
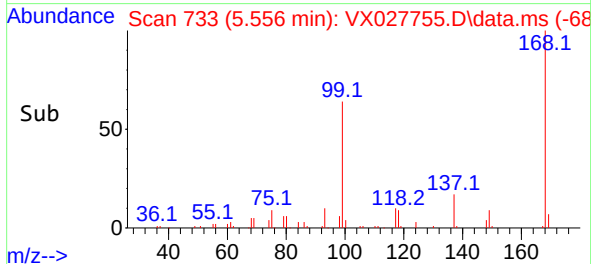
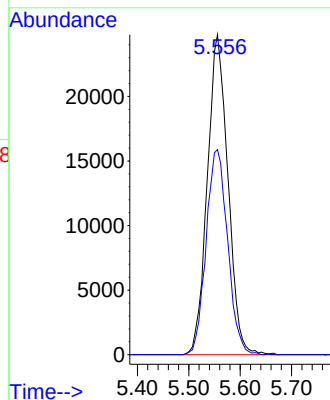
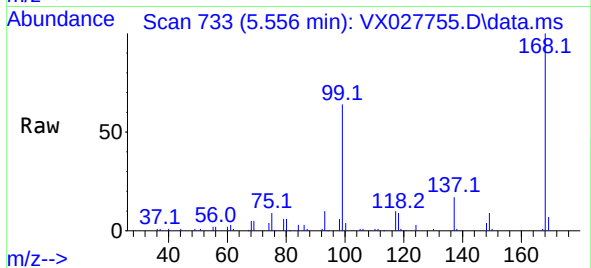




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027755.D
Acq: 28 Mar 2022 17:18

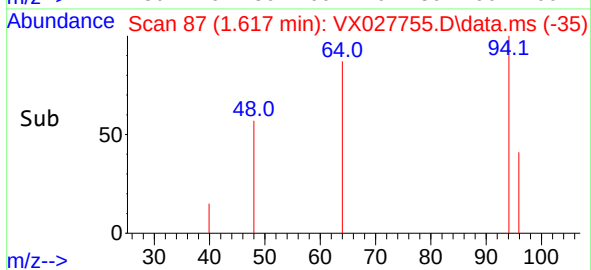
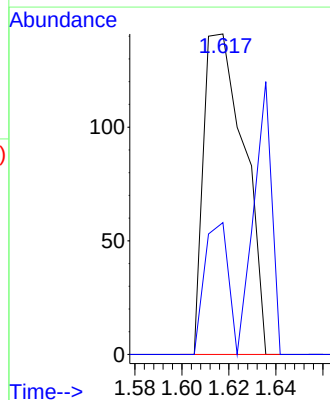
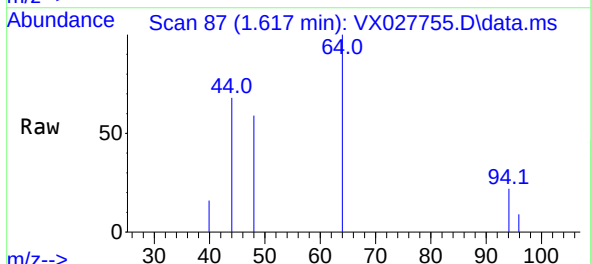
Instrument :
MSVOA_X
ClientSampleId :
TB

Tgt Ion:168 Resp: 69081
Ion Ratio Lower Upper
168 100
99 64.1 41.7 62.5#

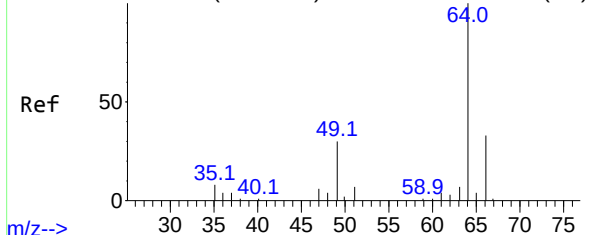


#5
Bromomethane
Concen: 0.531 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX027755.D
Acq: 28 Mar 2022 17:18

Tgt Ion: 94 Resp: 170
Ion Ratio Lower Upper
94 100
96 41.1 75.3 112.9#



Abundance Scan 97 (1.678 min): VX027698.D\data.ms (-88)

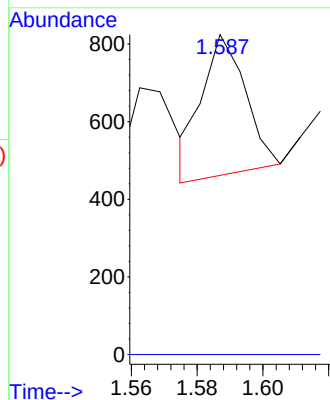
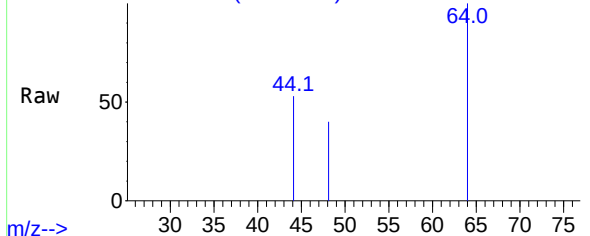


#6
Chloroethane
Concen: 0.655 ug/l
RT: 1.587 min Scan# 81
Delta R.T. -0.091 min
Lab File: VX027755.D
Acq: 28 Mar 2022 17:18

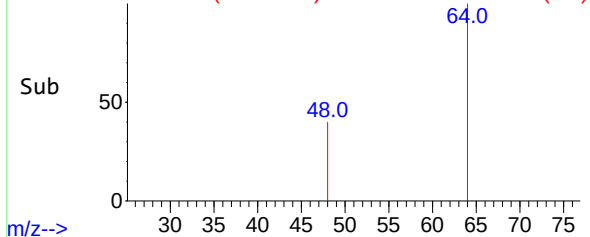
Instrument :
MSVOA_X
ClientSampleId :
TB

Tgt Ion: 64 Resp: 335
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#

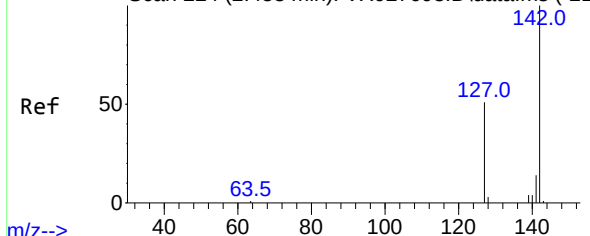
Abundance Scan 82 (1.587 min): VX027755.D\data.ms



Abundance Scan 82 (1.587 min): VX027755.D\data.ms (-48)



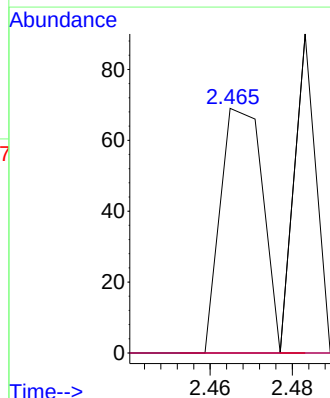
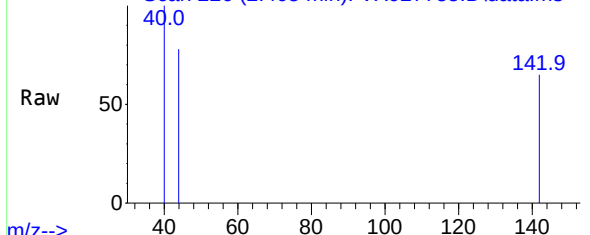
Abundance Scan 224 (2.453 min): VX027698.D\data.ms (-21)



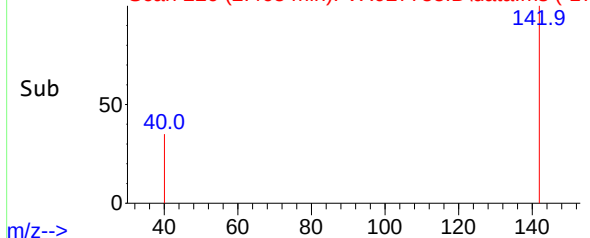
#10
Methyl Iodide
Concen: 2.923 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX027755.D
Acq: 28 Mar 2022 17:18

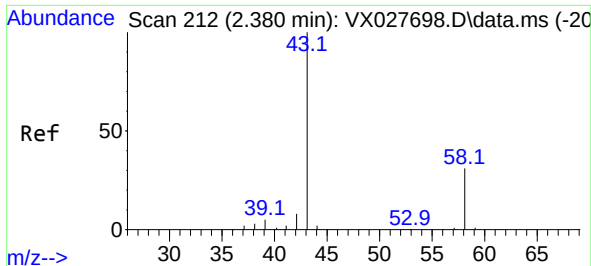
Tgt Ion: 142 Resp: 49
Ion Ratio Lower Upper
142 100
127 0.0 33.9 50.9#
141 0.0 11.4 17.2#

Abundance Scan 226 (2.465 min): VX027755.D\data.ms



Abundance Scan 226 (2.465 min): VX027755.D\data.ms (-17)

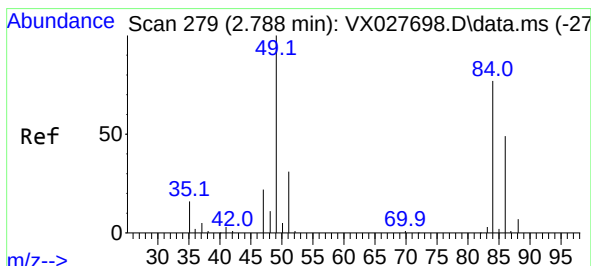
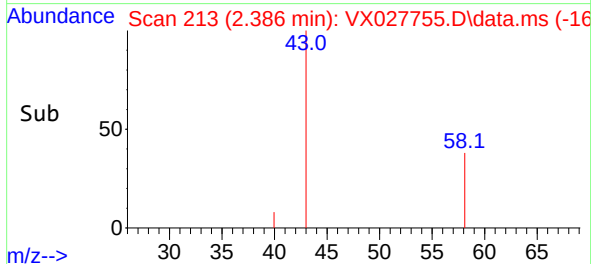
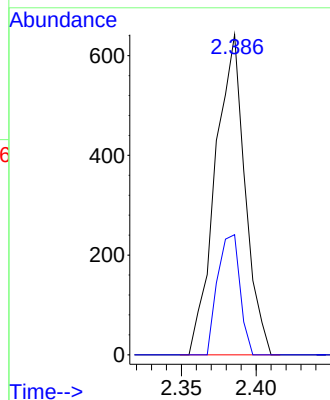
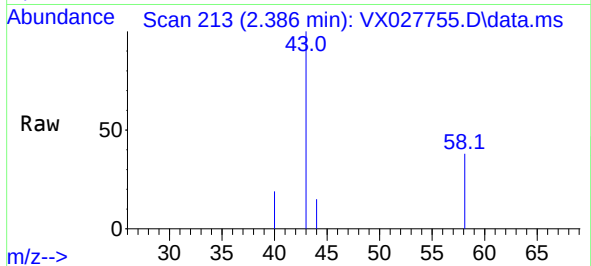




#16
Acetone
Concen: 1.851 ug/l
RT: 2.386 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX027755.D
Acq: 28 Mar 2022 17:18

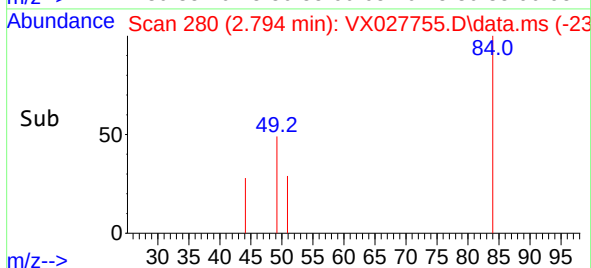
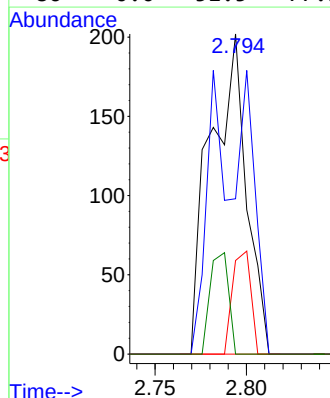
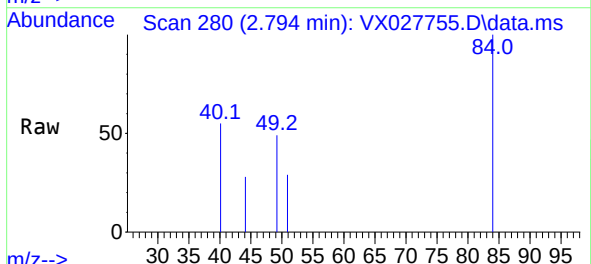
Instrument :
MSVOA_X
ClientSampleId :
TB

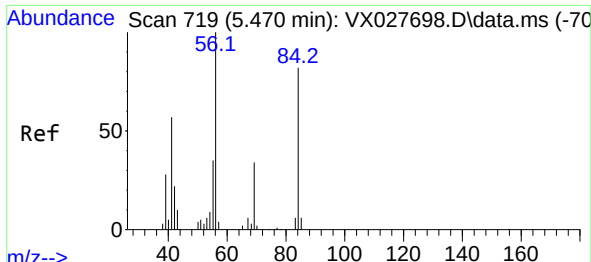
Tgt Ion: 43 Resp: 887
Ion Ratio Lower Upper
43 100
58 37.5 28.8 43.2



#20
Methylene Chloride
Concen: 0.322 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX027755.D
Acq: 28 Mar 2022 17:18

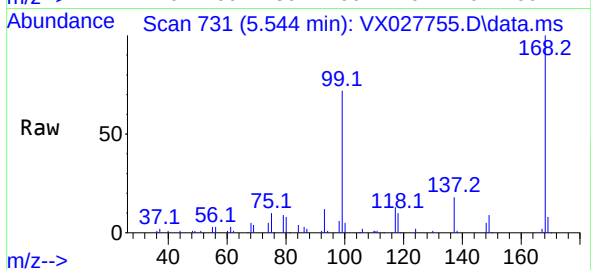
Tgt Ion: 84 Resp: 275
Ion Ratio Lower Upper
84 100
49 48.5 85.5 128.3#
51 29.2 26.6 39.8
86 0.0 51.5 77.3#



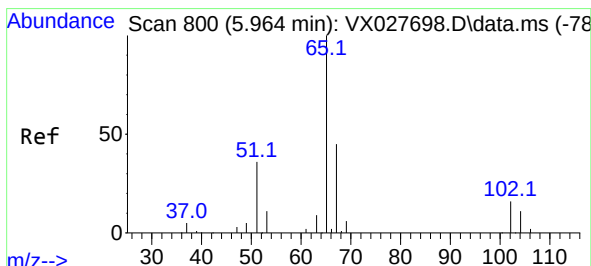
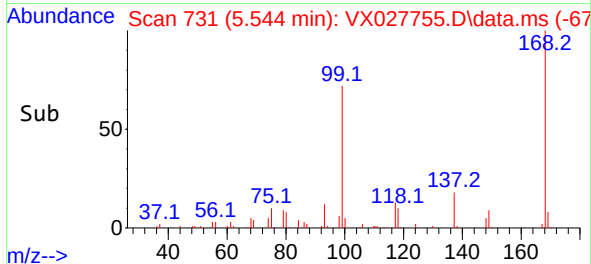
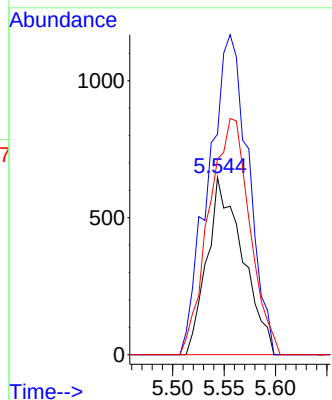


#31
Cyclohexane
Concen: 1.136 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.074 min
Lab File: VX027755.D
Acq: 28 Mar 2022 17:18

Instrument :
MSVOA_X
ClientSampleId :
TB

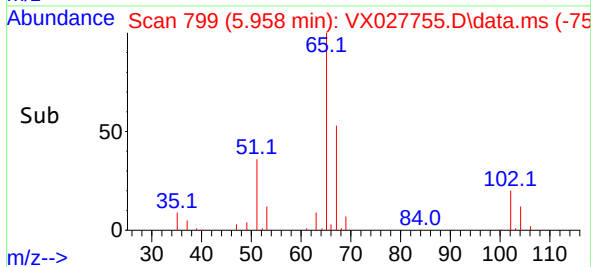
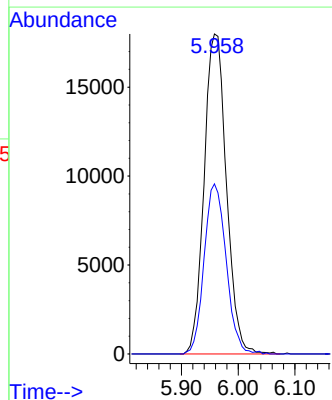
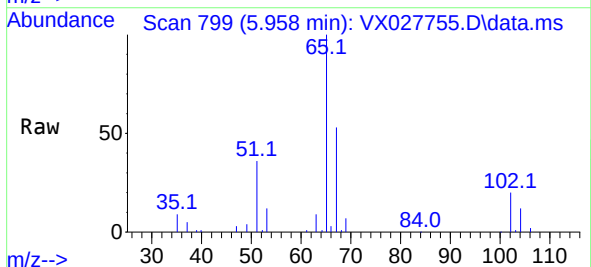


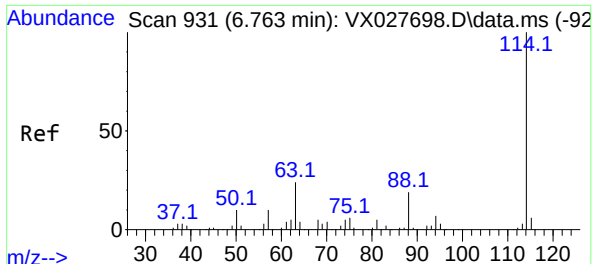
Tgt Ion: 56 Resp: 1560
Ion Ratio Lower Upper
56 100
69 124.4 26.7 40.1#
84 110.4 77.2 115.8



#33
1,2-Dichloroethane-d4
Concen: 43.342 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX027755.D
Acq: 28 Mar 2022 17:18

Tgt Ion: 65 Resp: 49107
Ion Ratio Lower Upper
65 100
67 52.5 0.0 107.4

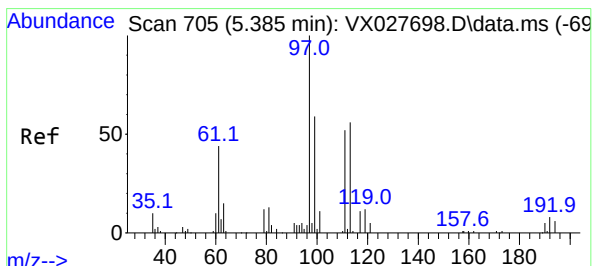
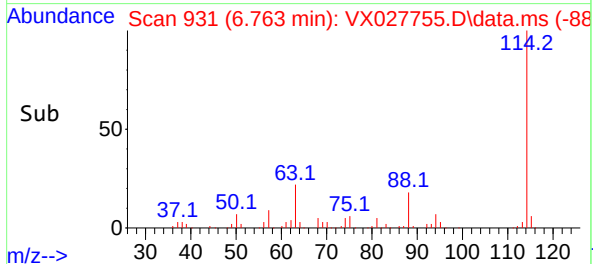
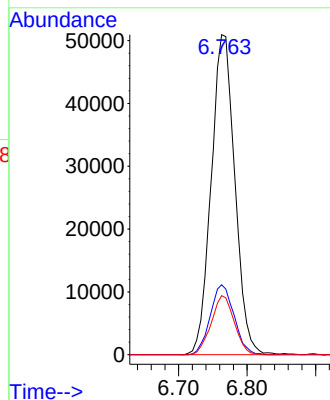
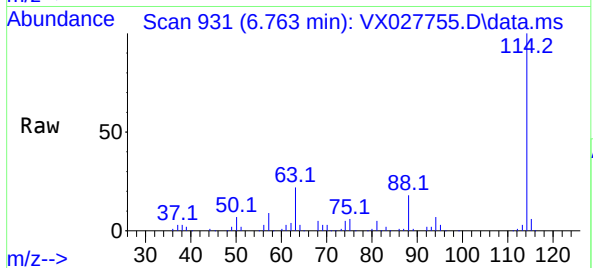




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX027755.D
Acq: 28 Mar 2022 17:18

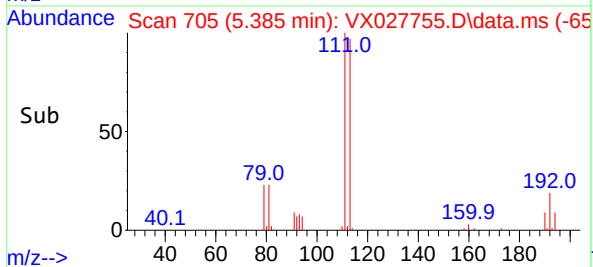
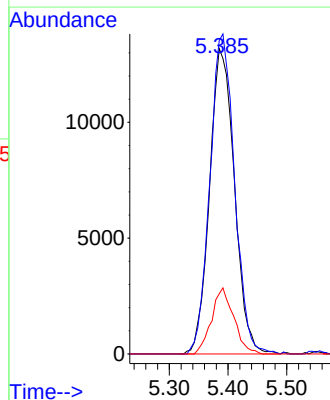
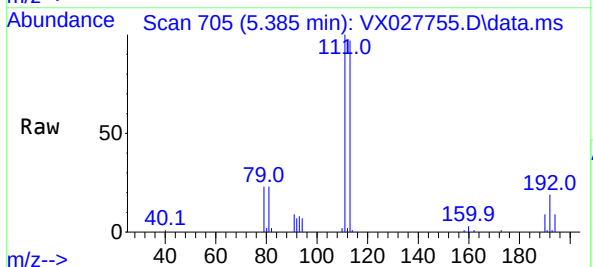
Instrument :
MSVOA_X
ClientSampleId :
TB

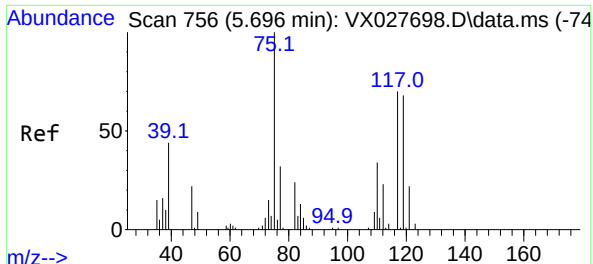
Tgt Ion:114 Resp: 122184
Ion Ratio Lower Upper
114 100
63 21.9 0.0 36.8
88 18.4 0.0 32.4



#35
Dibromofluoromethane
Concen: 48.358 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX027755.D
Acq: 28 Mar 2022 17:18

Tgt Ion:113 Resp: 38801
Ion Ratio Lower Upper
113 100
111 103.9 82.8 124.2
192 19.3 16.9 25.3





#36

1,1-Dichloropropene

Concen: 4.520 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX027755.D

Acq: 28 Mar 2022 17:18

Instrument :

MSVOA_X

ClientSampleId :

TB

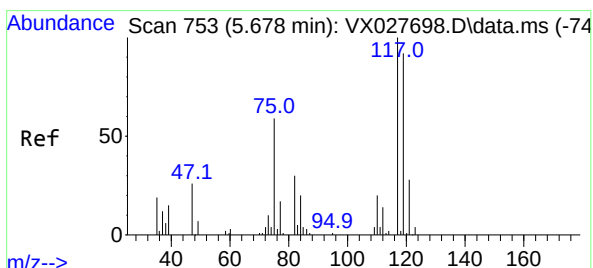
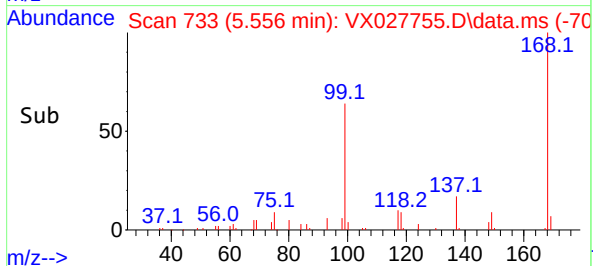
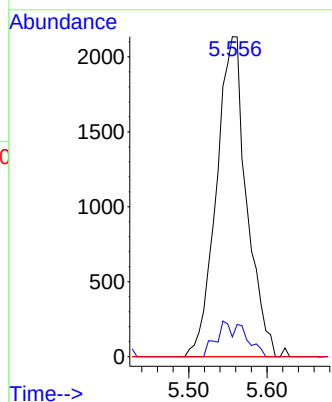
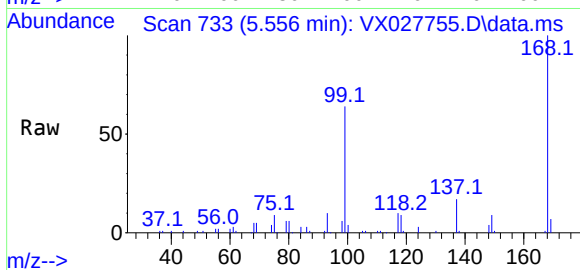
Tgt Ion: 75 Resp: 5729

Ion Ratio Lower Upper

75 100

110 5.7 18.3 54.8#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 5.973 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.122 min

Lab File: VX027755.D

Acq: 28 Mar 2022 17:18

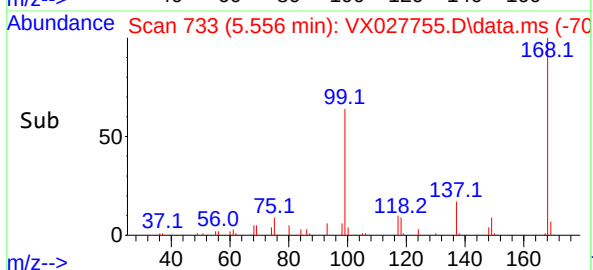
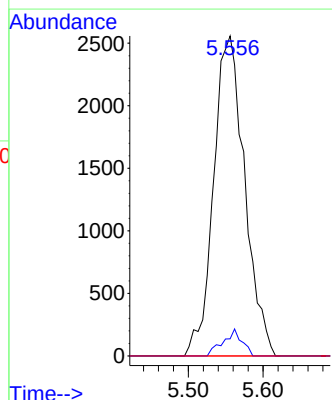
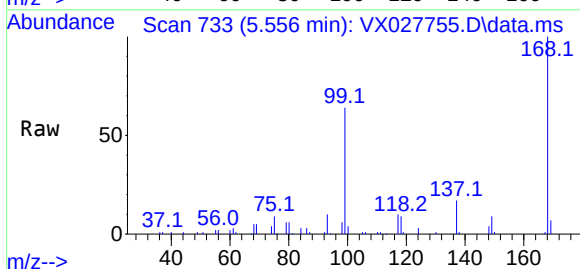
Tgt Ion: 117 Resp: 7398

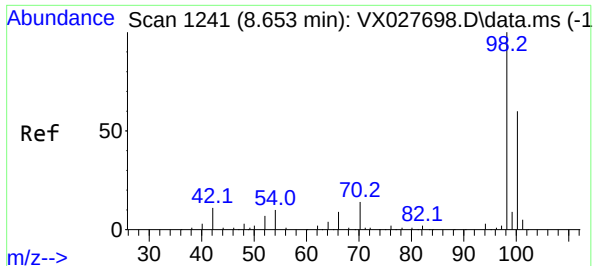
Ion Ratio Lower Upper

117 100

119 5.4 77.3 115.9#

121 0.0 24.2 36.2#





#50

Toluene-d8

Concen: 48.169 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX027755.D

Acq: 28 Mar 2022 17:18

Instrument :

MSVOA_X

ClientSampleId :

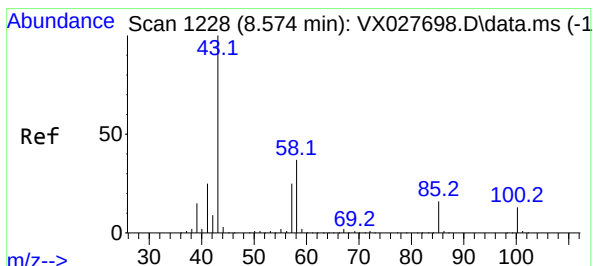
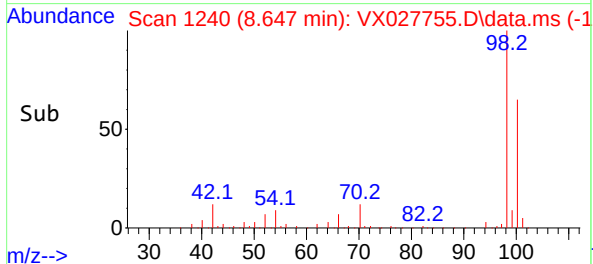
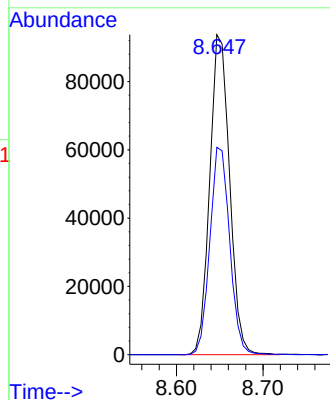
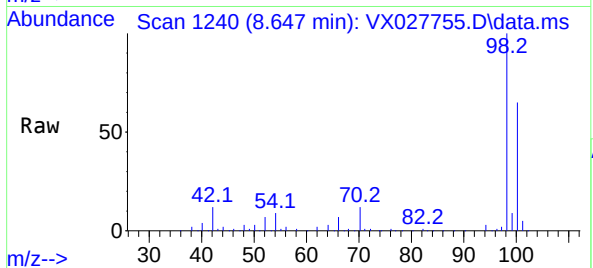
TB

Tgt Ion: 98 Resp: 149405

Ion Ratio Lower Upper

98 100

100 64.7 52.6 78.8



#51

4-Methyl-2-Pentanone

Concen: 0.495 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX027755.D

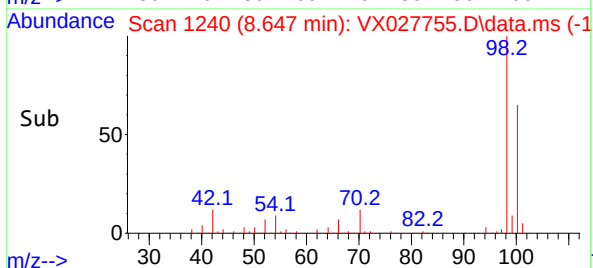
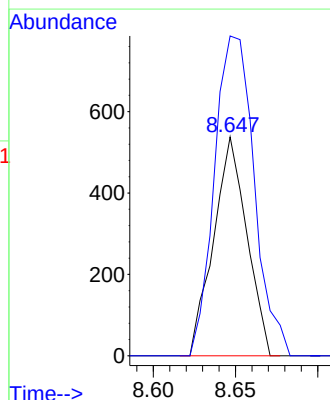
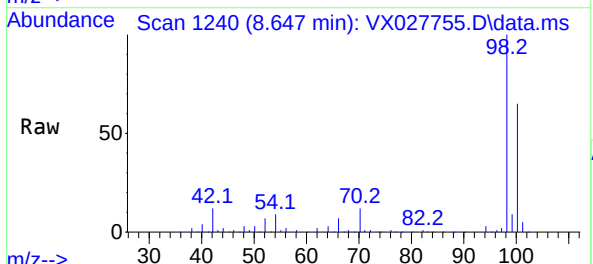
Acq: 28 Mar 2022 17:18

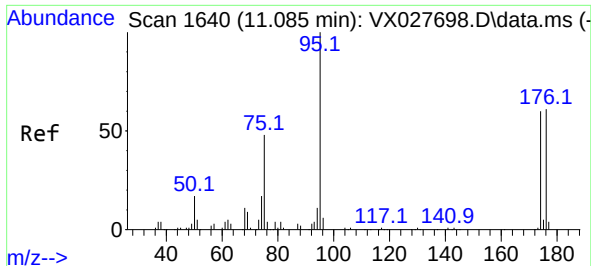
Tgt Ion: 43 Resp: 757

Ion Ratio Lower Upper

43 100

58 174.9 36.1 54.1#

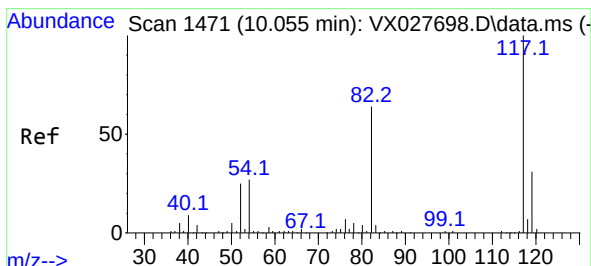
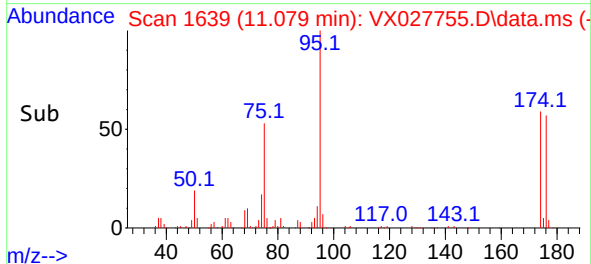
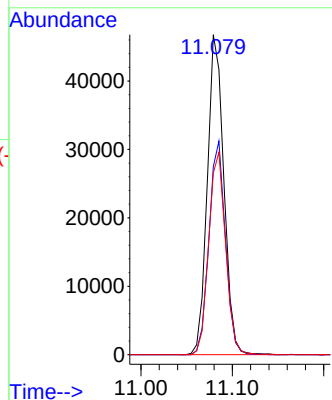
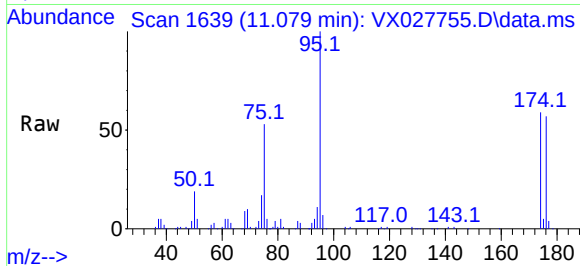




#62
4-Bromofluorobenzene
Concen: 46.483 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX027755.D
Acq: 28 Mar 2022 17:18

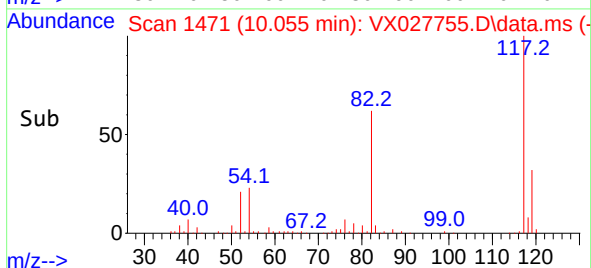
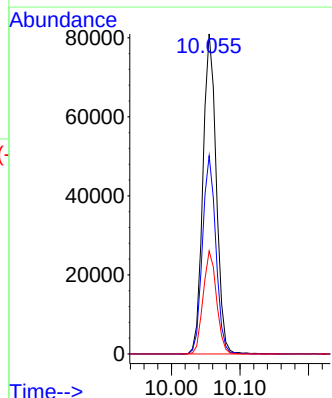
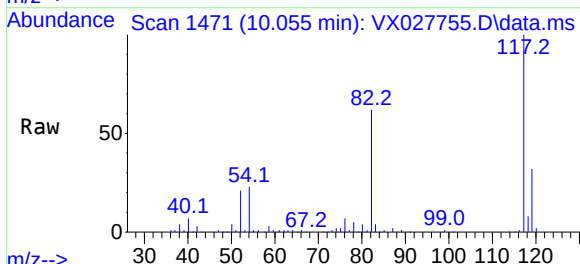
Instrument :
MSVOA_X
ClientSampleId :
TB

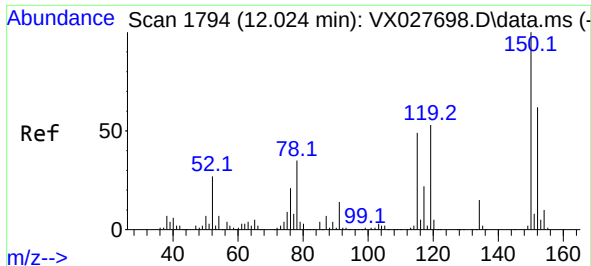
Tgt Ion: 95 Resp: 58502
Ion Ratio Lower Upper
95 100
174 66.5 0.0 163.0
176 64.6 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX027755.D
Acq: 28 Mar 2022 17:18

Tgt Ion: 117 Resp: 110003
Ion Ratio Lower Upper
117 100
82 61.9 41.8 62.8
119 32.2 24.8 37.2

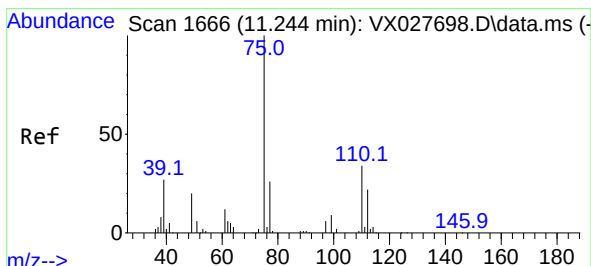
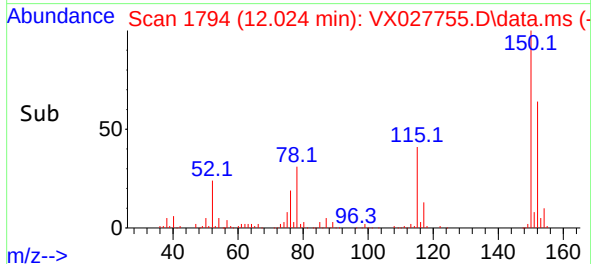
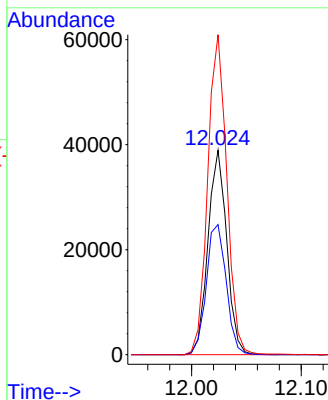
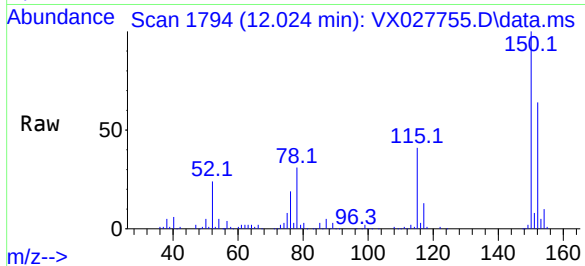




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027755.D
Acq: 28 Mar 2022 17:18

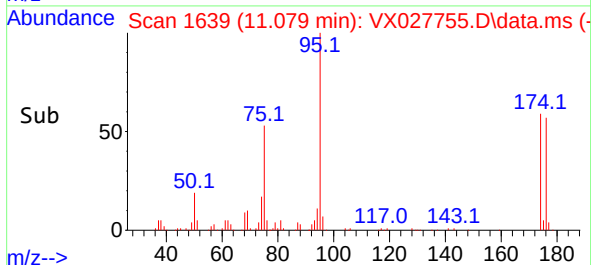
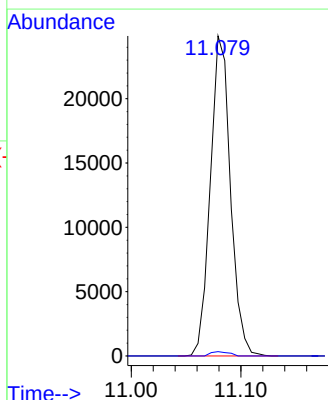
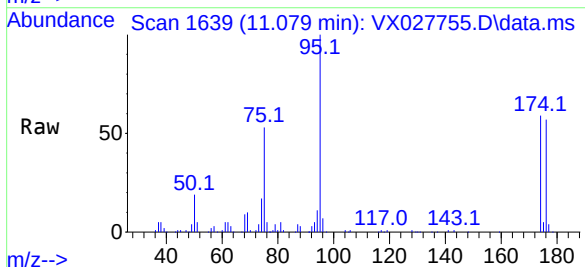
Instrument :
MSVOA_X
ClientSampleId :
TB

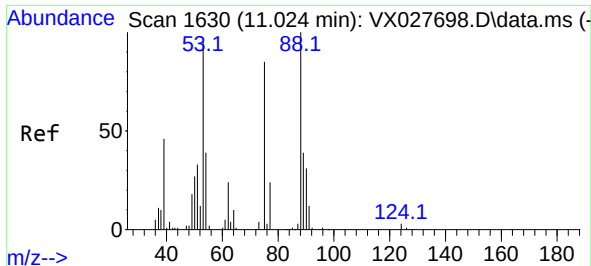
Tgt Ion:152 Resp: 46323
Ion Ratio Lower Upper
152 100
115 67.5 37.5 112.7
150 159.1 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 24.609 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027755.D
Acq: 28 Mar 2022 17:18

Tgt Ion: 75 Resp: 31739
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 83.765 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.055 min
 Lab File: VX027755.D
 Acq: 28 Mar 2022 17:18

Instrument :
 MSVOA_X
 ClientSampleId :
 TB

Tgt Ion: 75 Resp: 31739
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

