

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021122\
 Data File : VX026999.D
 Acq On : 12 Feb 2022 04:02
 Operator : JC/MD
 Sample : N1465-04 20X
 Misc : 6.70g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 A5-4-7.5

Quant Time: Feb 14 00:28:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 07:07:46 2022
 Response via : Initial Calibration

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

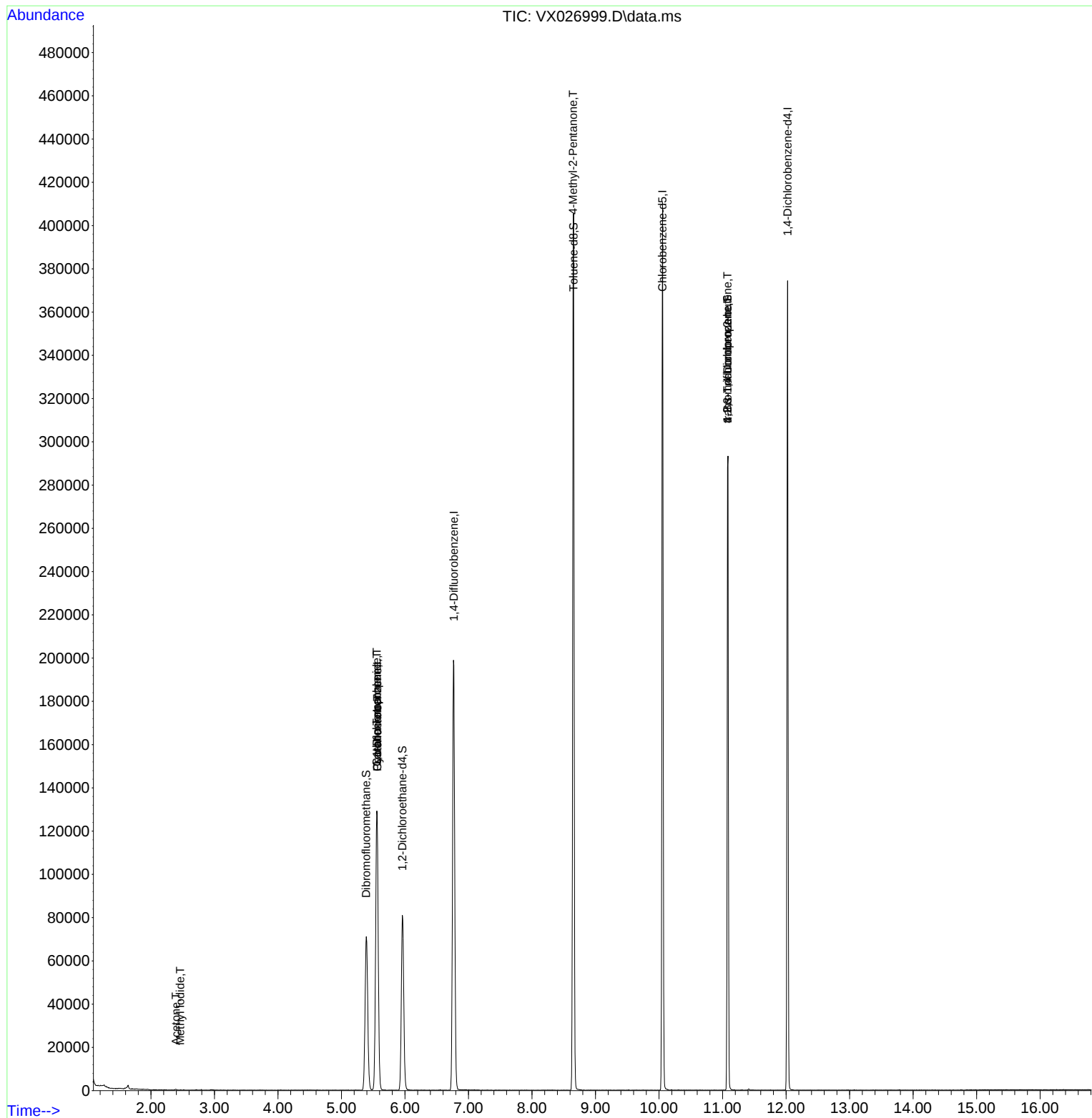
Internal Standards						
1) Pentafluorobenzene	5.562	168	122890	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	205551	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	182118	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	74757	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	78321	53.093	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 106.180%	
35) Dibromofluoromethane	5.385	113	63901	52.180	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.360%	
50) Toluene-d8	8.653	98	237221	52.771	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 105.540%	
62) 4-Bromofluorobenzene	11.079	95	82569	52.172	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 104.340%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.459	142	109	2.314	ug/l #	37
16) Acetone	2.392	43	504	0.778	ug/l	95
31) Cyclohexane	5.562	56	2373	1.012	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	9679	5.010	ug/l #	50
38) Carbon Tetrachloride	5.556	117	12912	6.373	ug/l #	18
51) 4-Methyl-2-Pentanone	8.647	43	976	0.477	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	40937	25.016	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	40937	76.301	ug/l #	3

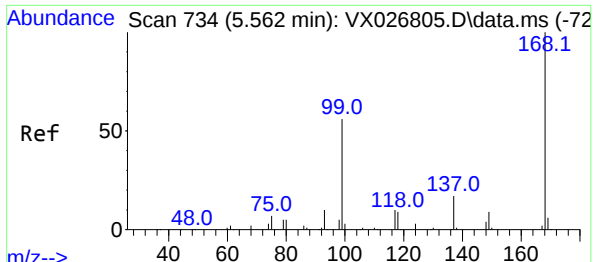
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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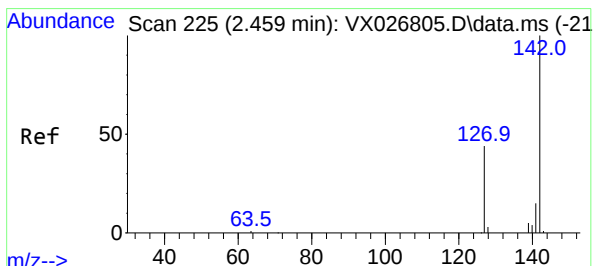
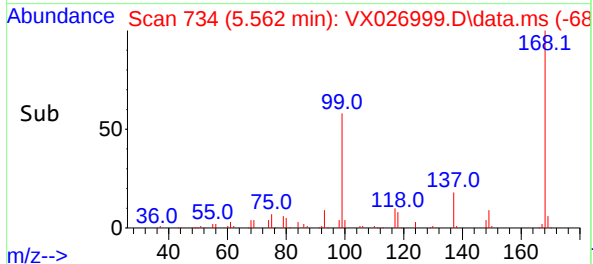
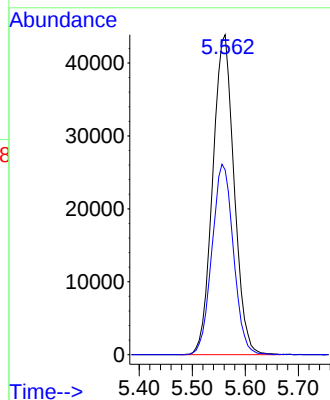
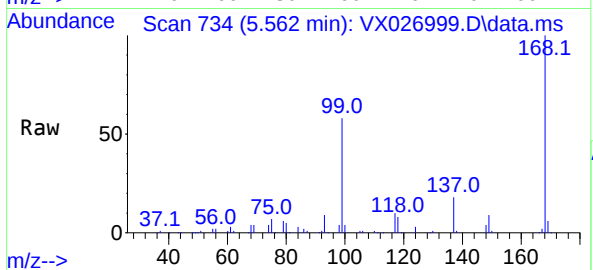




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX026999.D
Acq: 12 Feb 2022 04:02

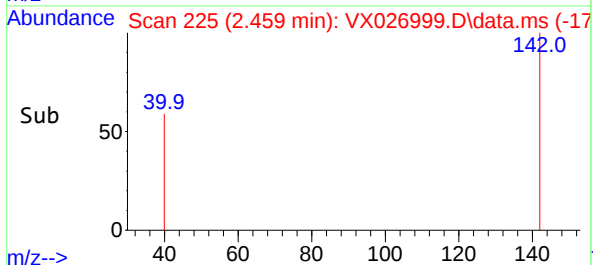
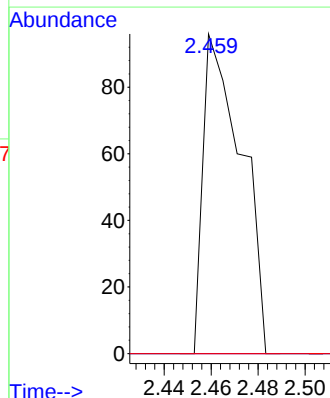
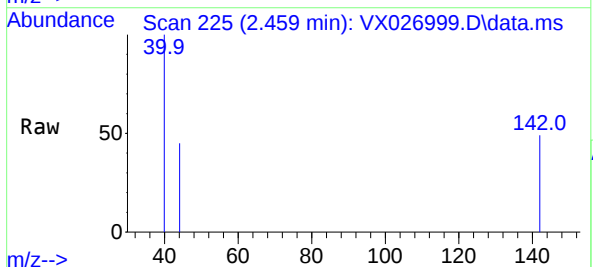
Instrument :
MSVOA_X
ClientSampleId :
A5-4-7.5

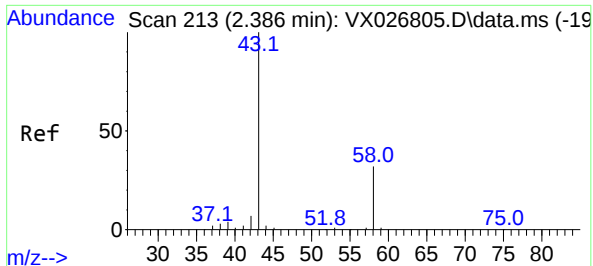
Tgt Ion:168 Resp: 122890
Ion Ratio Lower Upper
168 100
99 57.8 50.3 75.5



#10
Methyl Iodide
Concen: 2.314 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX026999.D
Acq: 12 Feb 2022 04:02

Tgt Ion:142 Resp: 109
Ion Ratio Lower Upper
142 100
127 0.0 38.1 57.1#
141 0.0 11.2 16.8#

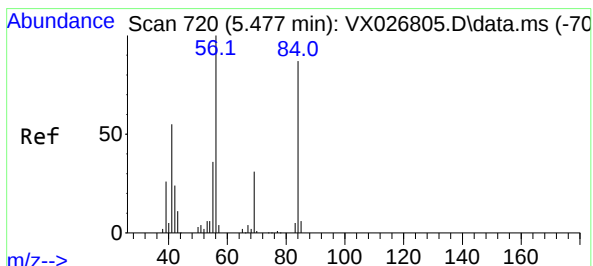
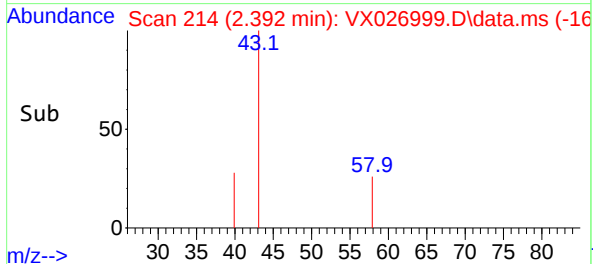
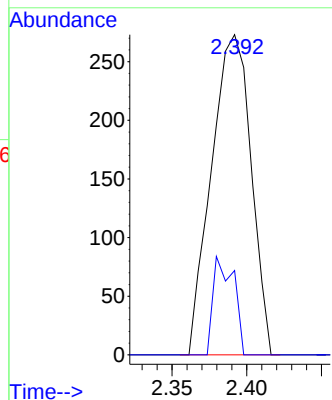
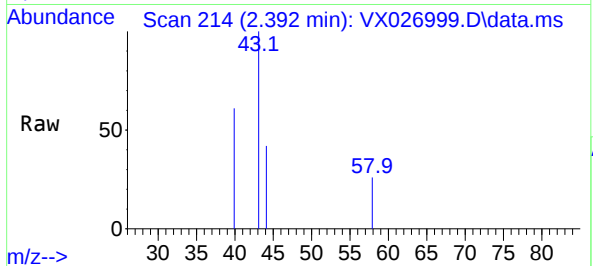




#16
Acetone
Concen: 0.778 ug/l
RT: 2.392 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX026999.D
Acq: 12 Feb 2022 04:02

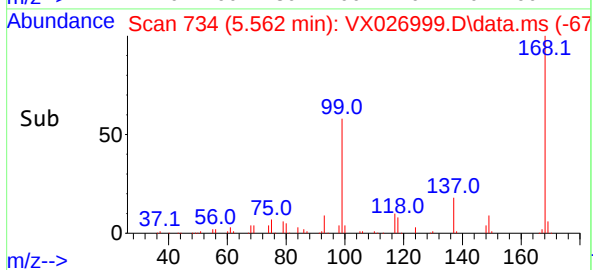
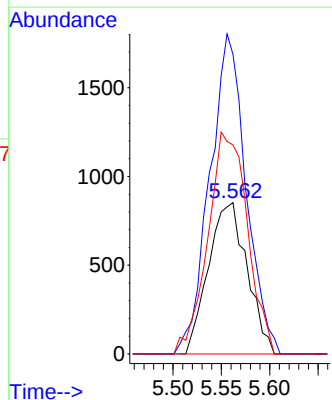
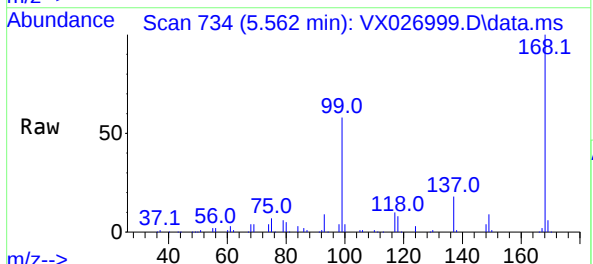
Instrument :
MSVOA_X
ClientSampleId :
A5-4-7.5

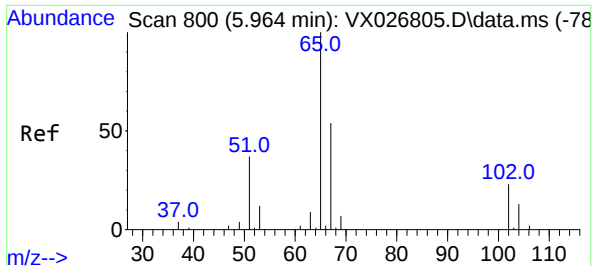
Tgt Ion: 43 Resp: 504
Ion Ratio Lower Upper
43 100
58 26.4 23.0 34.6



#31
Cyclohexane
Concen: 1.012 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX026999.D
Acq: 12 Feb 2022 04:02

Tgt Ion: 56 Resp: 2373
Ion Ratio Lower Upper
56 100
69 197.9 25.8 38.6#
84 138.0 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 53.093 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX026999.D

Acq: 12 Feb 2022 04:02

Instrument :

MSVOA_X

ClientSampleId :

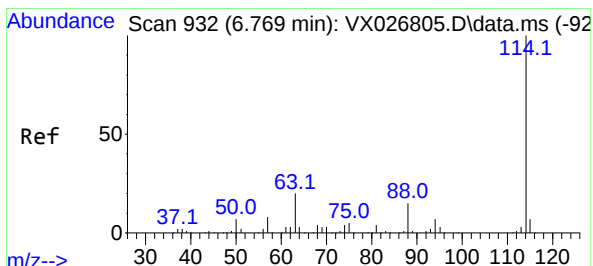
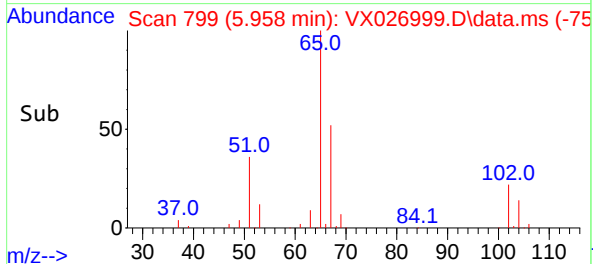
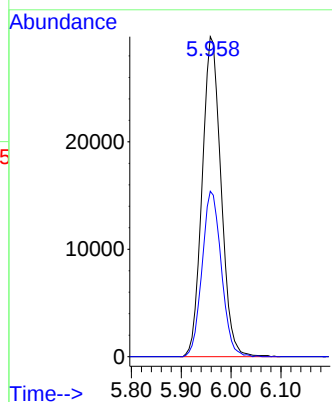
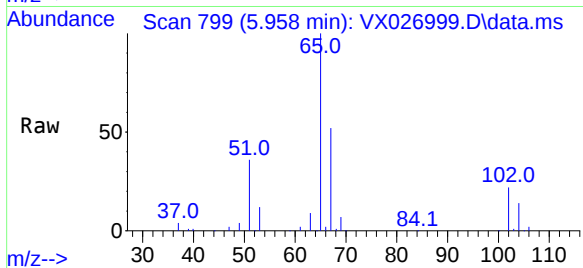
A5-4-7.5

Tgt Ion: 65 Resp: 78321

Ion Ratio Lower Upper

65 100

67 52.7 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX026999.D

Acq: 12 Feb 2022 04:02

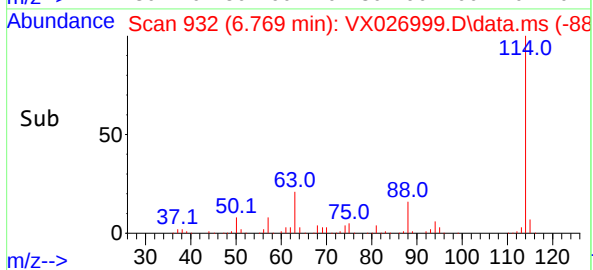
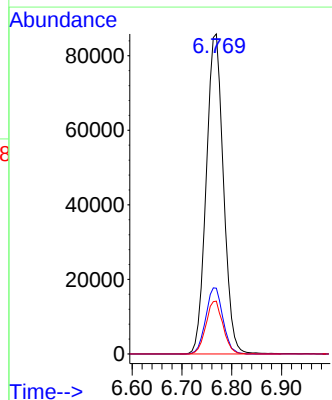
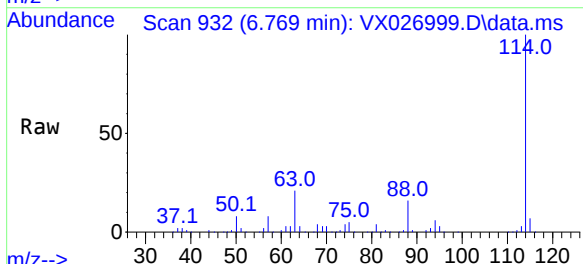
Tgt Ion: 114 Resp: 205551

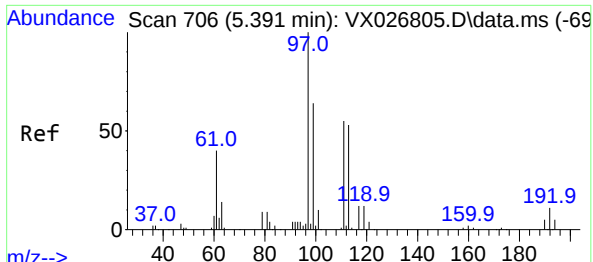
Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.8

88 16.5 0.0 33.0





#35

Dibromofluoromethane

Concen: 52.180 ug/l

RT: 5.385 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX026999.D

Acq: 12 Feb 2022 04:02

Instrument :

MSVOA_X

ClientSampleId :

A5-4-7.5

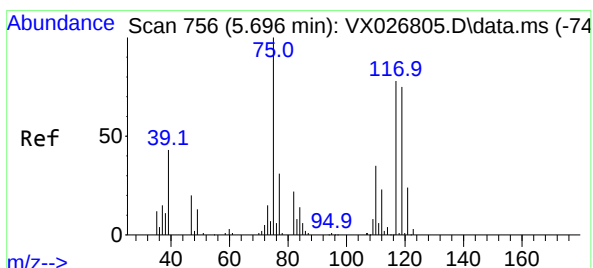
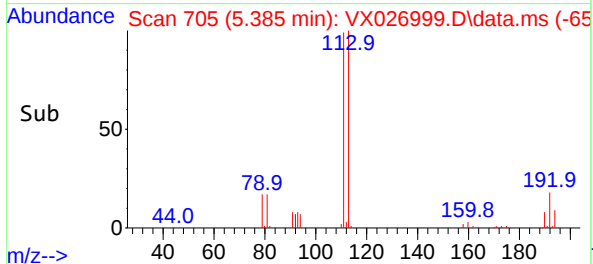
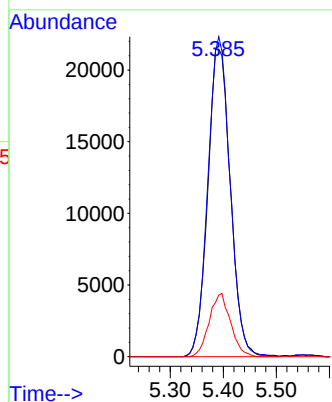
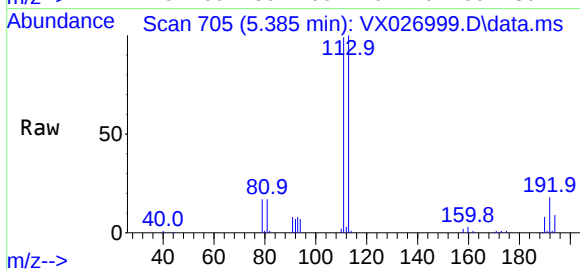
Tgt Ion:113 Resp: 63901

Ion Ratio Lower Upper

113 100

111 101.4 81.2 121.8

192 19.3 15.0 22.4



#36

1,1-Dichloropropene

Concen: 5.010 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX026999.D

Acq: 12 Feb 2022 04:02

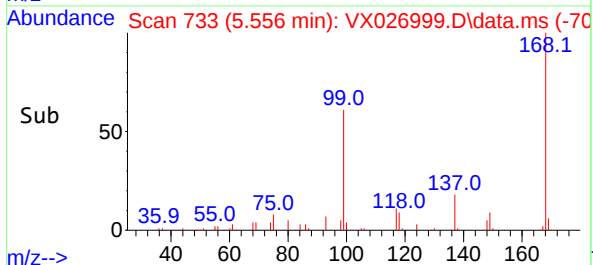
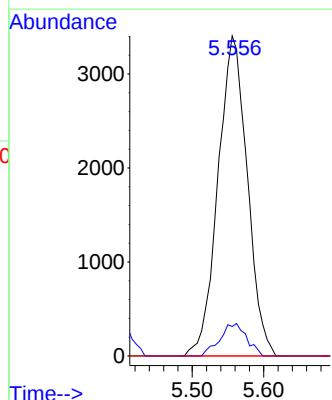
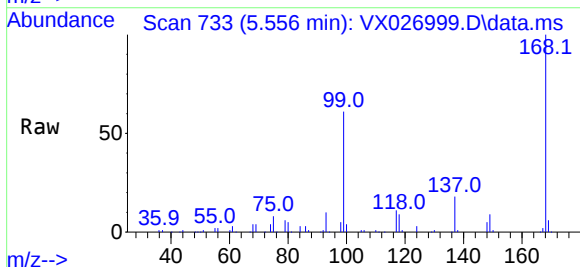
Tgt Ion: 75 Resp: 9679

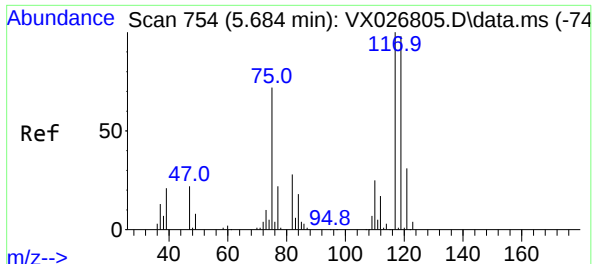
Ion Ratio Lower Upper

75 100

110 9.2 17.2 51.6#

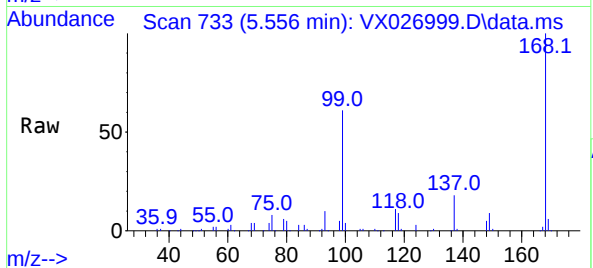
77 0.0 24.6 36.8#



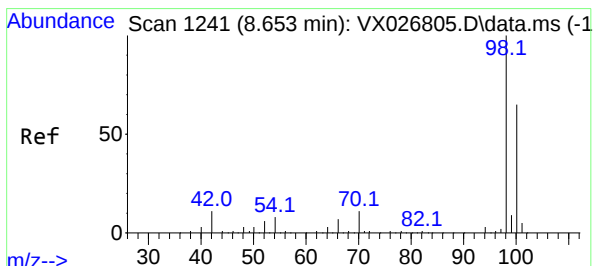
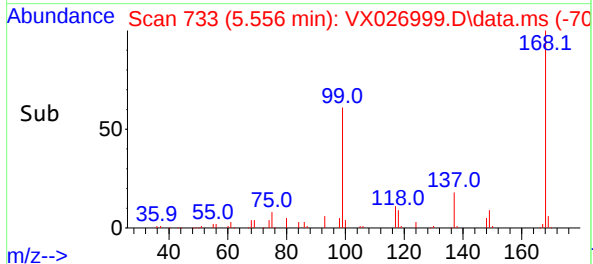
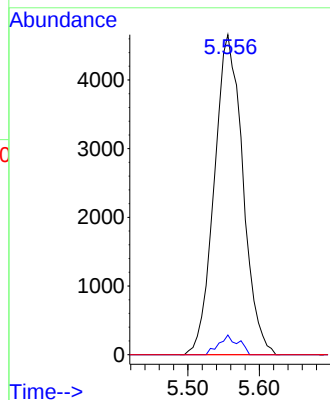


#38
Carbon Tetrachloride
Concen: 6.373 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX026999.D
Acq: 12 Feb 2022 04:02

Instrument :
MSVOA_X
ClientSampleId :
A5-4-7.5

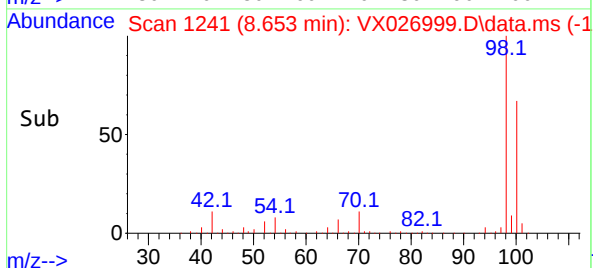
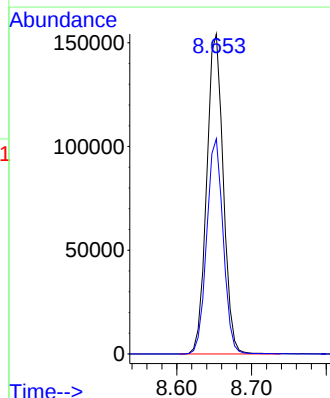
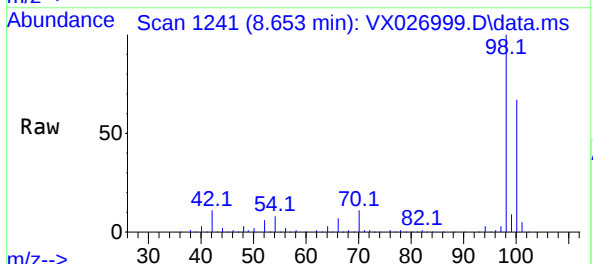


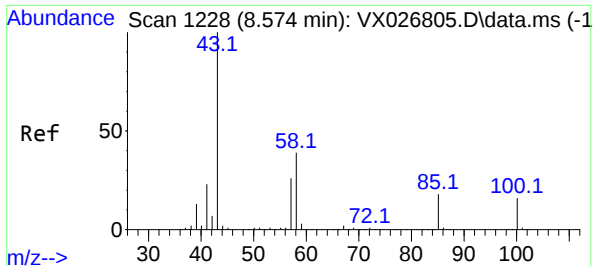
Tgt Ion:117 Resp: 12912
Ion Ratio Lower Upper
117 100
119 6.1 74.7 112.1#
121 0.0 25.4 38.0#



#50
Toluene-d8
Concen: 52.771 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX026999.D
Acq: 12 Feb 2022 04:02

Tgt Ion: 98 Resp: 237221
Ion Ratio Lower Upper
98 100
100 66.7 53.2 79.8





#51

4-Methyl-2-Pentanone

Concen: 0.477 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX026999.D

Acq: 12 Feb 2022 04:02

Instrument :

MSVOA_X

ClientSampleId :

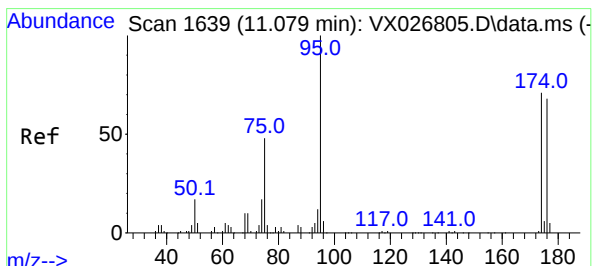
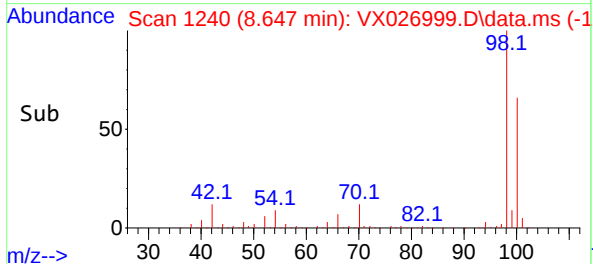
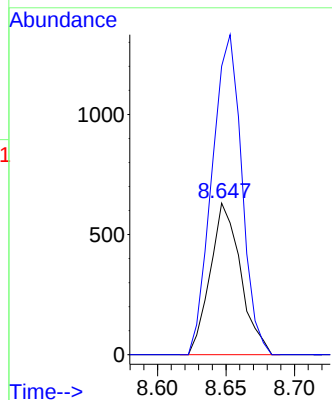
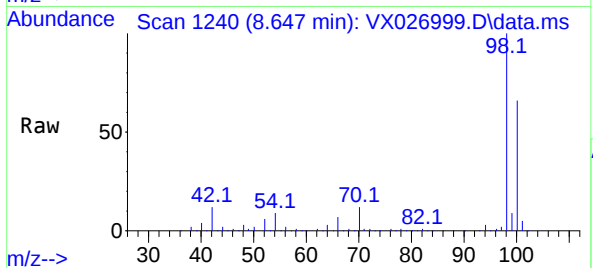
A5-4-7.5

Tgt Ion: 43 Resp: 976

Ion Ratio Lower Upper

43 100

58 206.8 30.5 45.7#



#62

4-Bromofluorobenzene

Concen: 52.172 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX026999.D

Acq: 12 Feb 2022 04:02

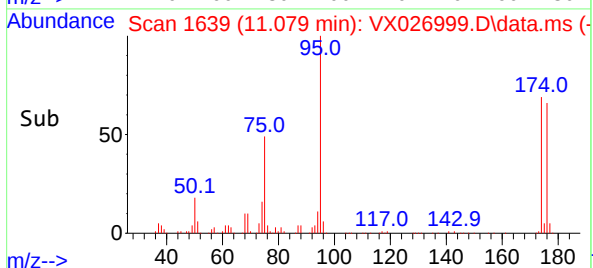
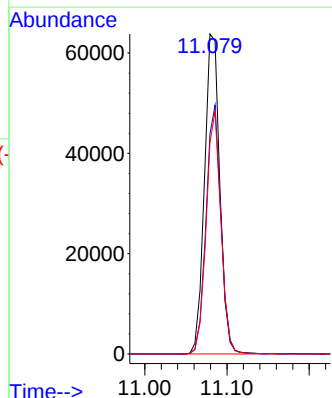
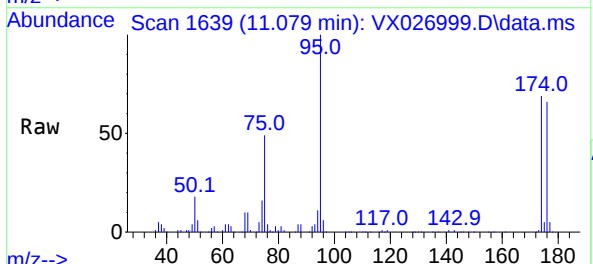
Tgt Ion: 95 Resp: 82569

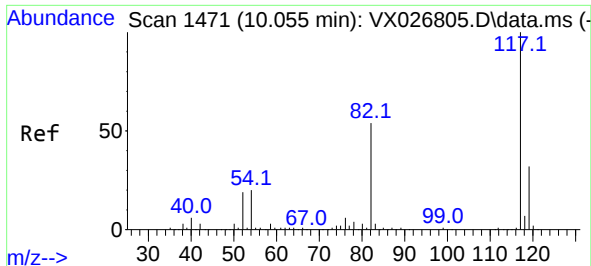
Ion Ratio Lower Upper

95 100

174 75.6 0.0 148.6

176 72.7 0.0 141.4

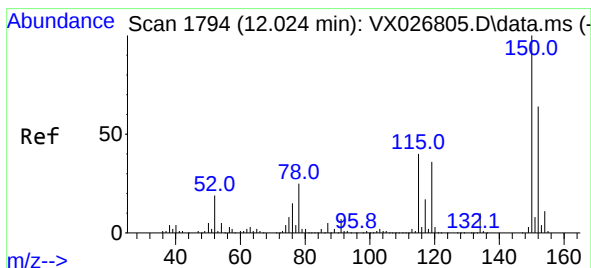
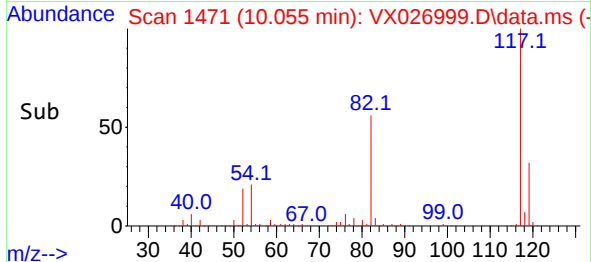
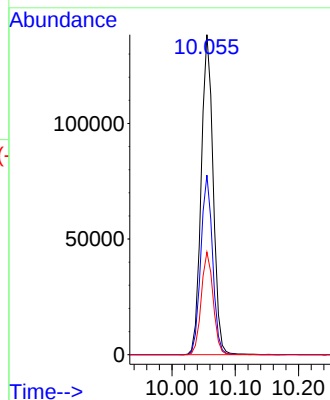
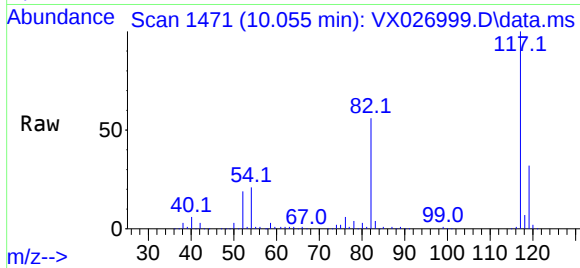




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026999.D
Acq: 12 Feb 2022 04:02

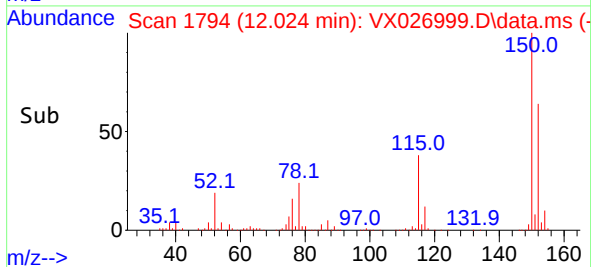
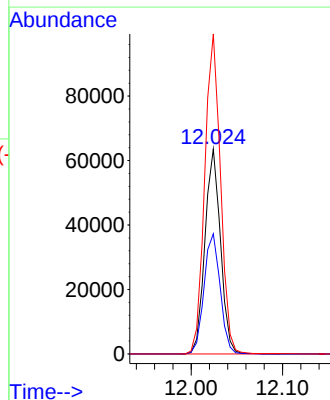
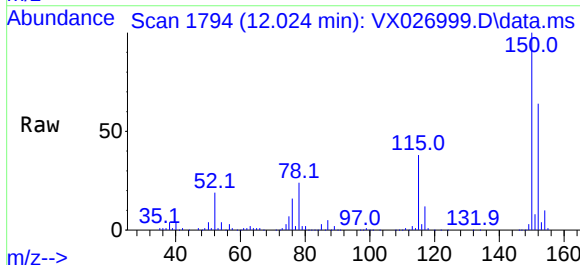
Instrument :
MSVOA_X
ClientSampleId :
A5-4-7.5

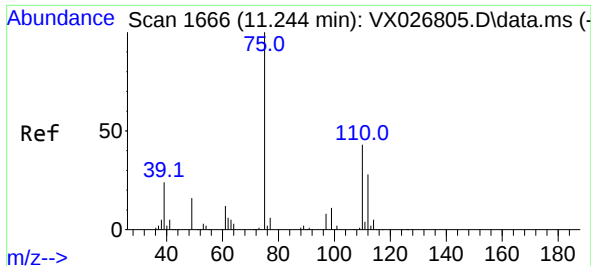
Tgt Ion:117 Resp: 182118
Ion Ratio Lower Upper
117 100
82 56.1 45.2 67.8
119 32.0 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026999.D
Acq: 12 Feb 2022 04:02

Tgt Ion:152 Resp: 74757
Ion Ratio Lower Upper
152 100
115 60.9 44.2 132.6
150 159.0 0.0 348.2

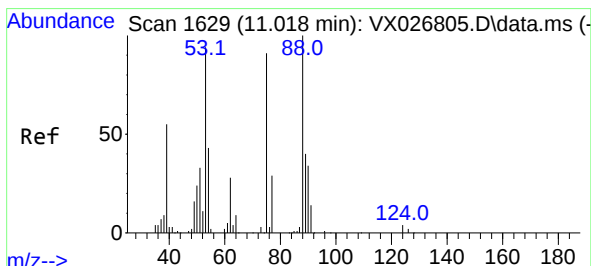
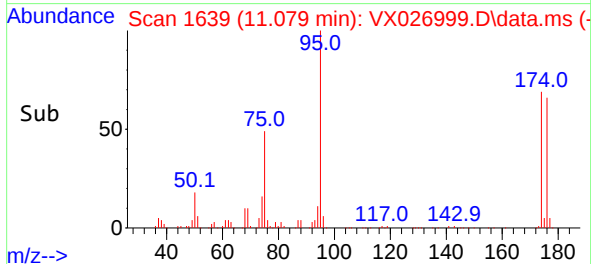
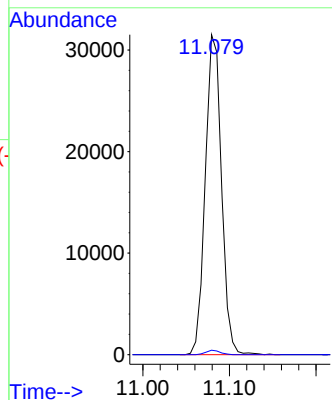
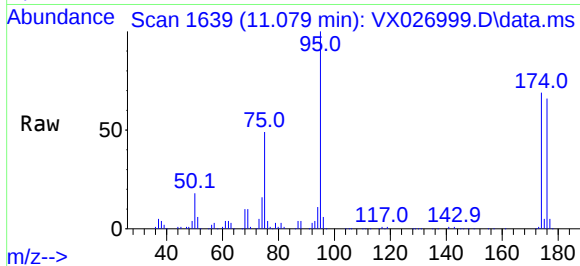




#76
1,2,3-Trichloropropane
Concen: 25.016 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX026999.D
Acq: 12 Feb 2022 04:02

Instrument :
MSVOA_X
ClientSampleId :
A5-4-7.5

Tgt Ion: 75 Resp: 40937
Ion Ratio Lower Upper
75 100
77 1.2 18.3 54.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.301 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026999.D
Acq: 12 Feb 2022 04:02

Tgt Ion: 75 Resp: 40937
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

