

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033022\
 Data File : VX027832.D
 Acq On : 31 Mar 2022 00:51
 Operator : JC/MD
 Sample : N2041-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE117D2-20220317

Quant Time: Mar 31 07:32:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032922W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 04:39:27 2022
 Response via : Initial Calibration

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

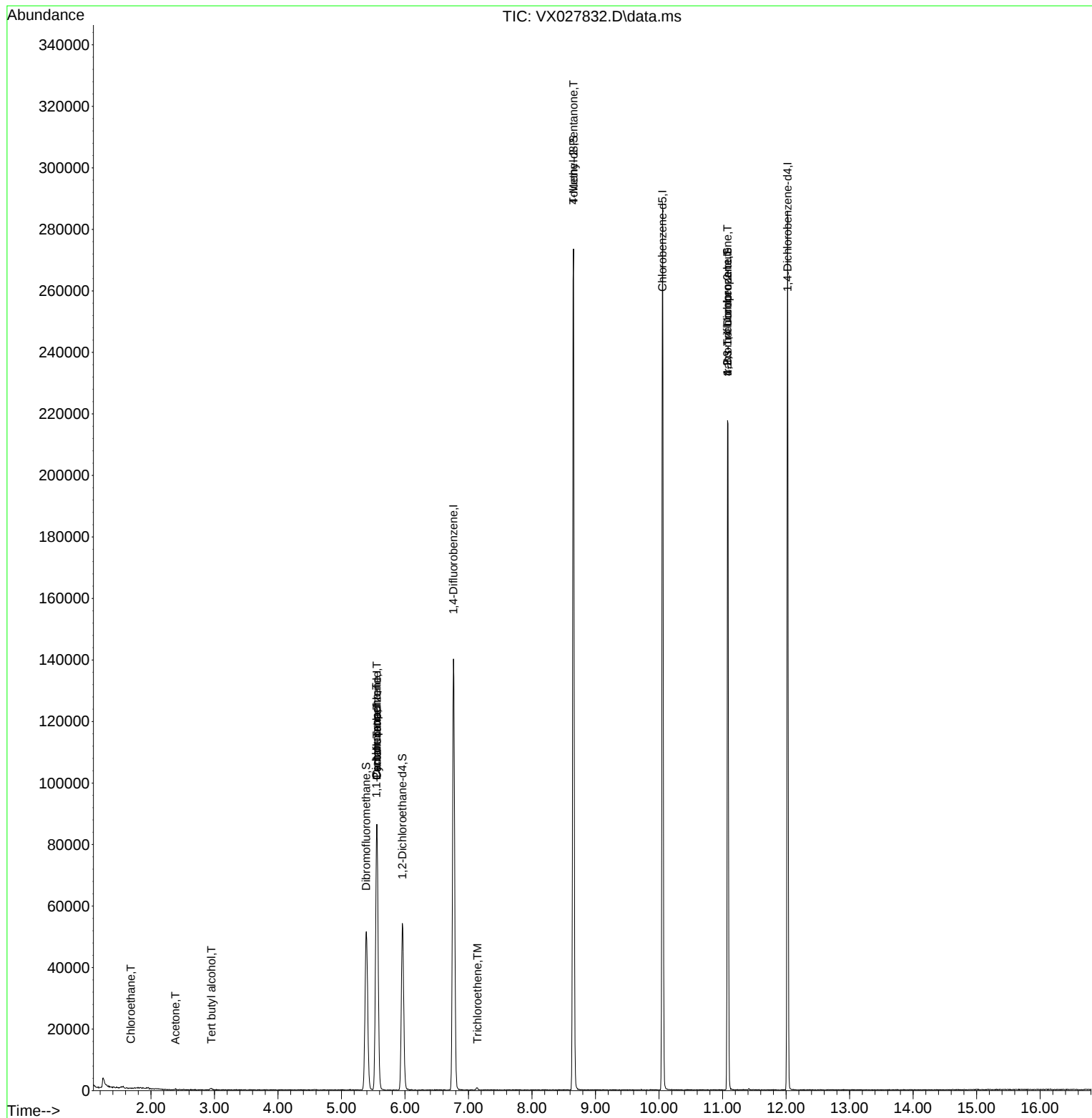
Internal Standards						
1) Pentafluorobenzene	5.556	168	80997	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	131979	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	116306	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	52691	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	52705	50.431	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 100.860%	
35) Dibromofluoromethane	5.385	113	45683	53.625	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 107.260%	
50) Toluene-d8	8.653	98	158872	53.004	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 106.000%	
62) 4-Bromofluorobenzene	11.079	95	59958	47.072	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 94.140%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.685	64	117	0.261	ug/l #	43
11) Tert butyl alcohol	2.953	59	322	1.604	ug/l #	72
16) Acetone	2.386	43	270	0.584	ug/l #	39
31) Cyclohexane	5.556	56	1618	1.401	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	6259	5.833	ug/l #	51
38) Carbon Tetrachloride	5.556	117	8892	7.501	ug/l #	16
44) Trichloroethene	7.141	130	271	0.307	ug/l	98
51) 4-Methyl-2-Pentanone	8.653	43	853	0.577	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	33623	27.202	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	33623	79.560	ug/l #	15

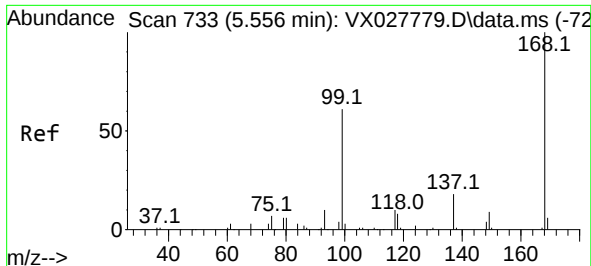
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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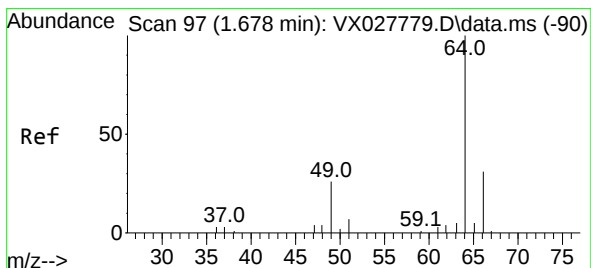
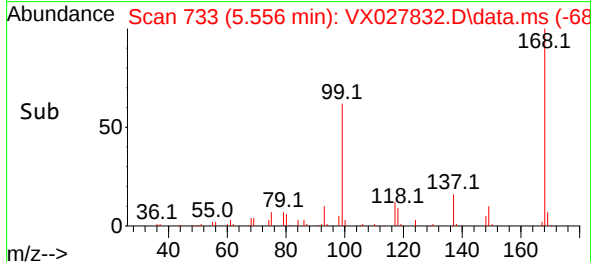
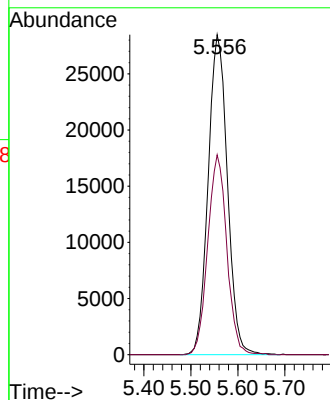
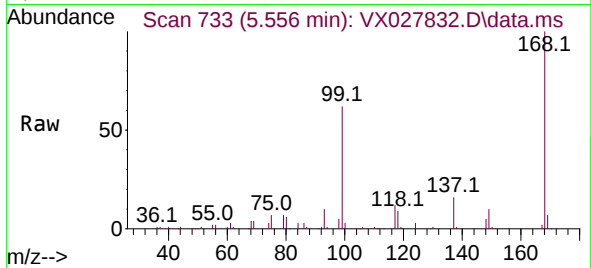




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027832.D
Acq: 31 Mar 2022 00:51

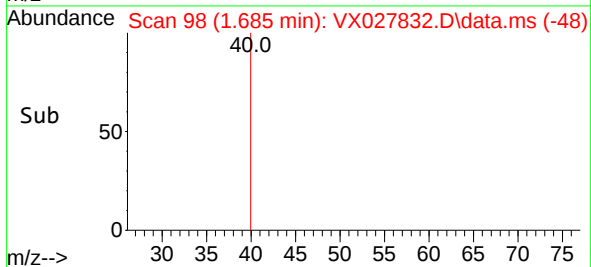
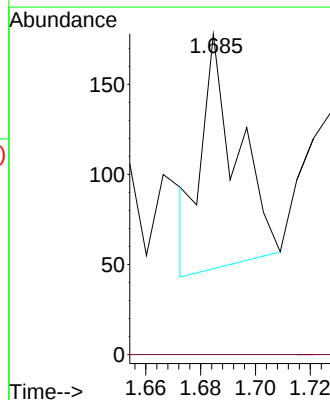
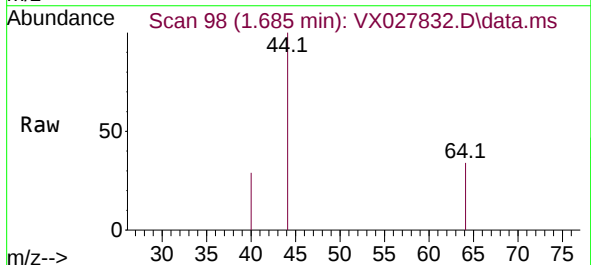
Instrument :
MSVOA_X
ClientSampleId :
RE117D2-20220317

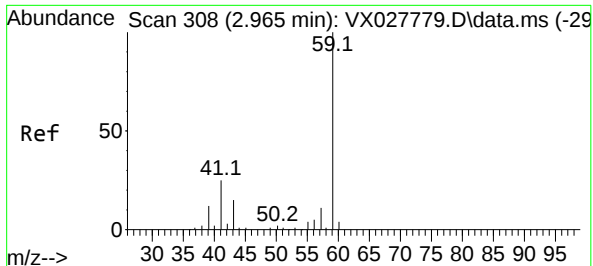
Tgt Ion:168 Resp: 80997
Ion Ratio Lower Upper
168 100
99 62.4 41.7 62.5



#6
Chloroethane
Concen: 0.261 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.007 min
Lab File: VX027832.D
Acq: 31 Mar 2022 00:51

Tgt Ion: 64 Resp: 117
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#





#11

Tert butyl alcohol

Concen: 1.604 ug/l

RT: 2.953 min Scan# 308

Delta R.T. -0.012 min

Lab File: VX027832.D

Acq: 31 Mar 2022 00:51

Instrument :

MSVOA_X

ClientSampleId :

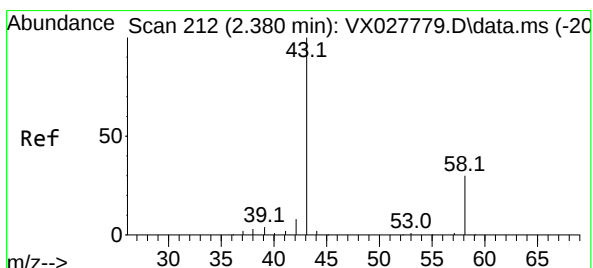
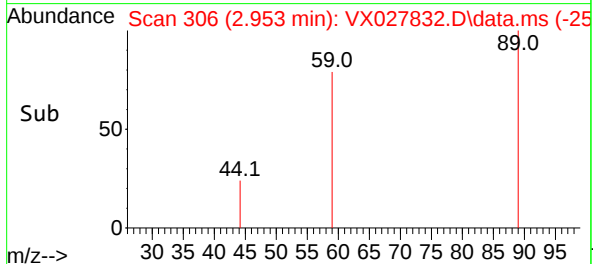
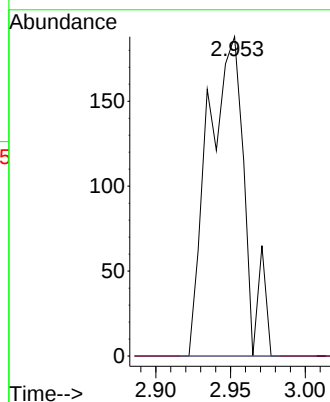
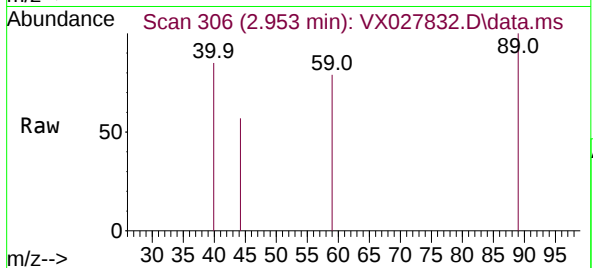
RE117D2-20220317

Tgt Ion: 59 Resp: 322

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#16

Acetone

Concen: 0.584 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.006 min

Lab File: VX027832.D

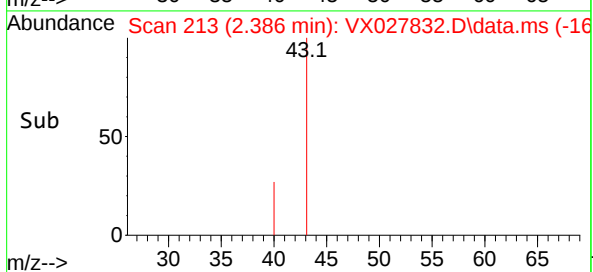
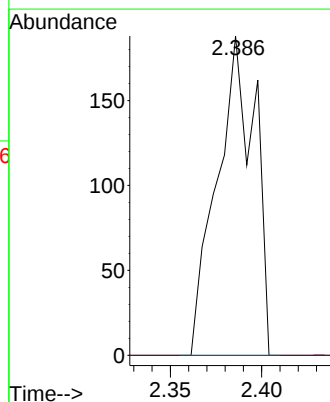
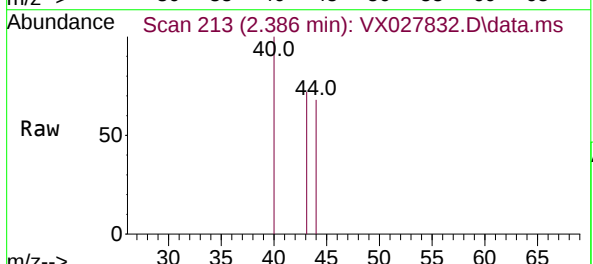
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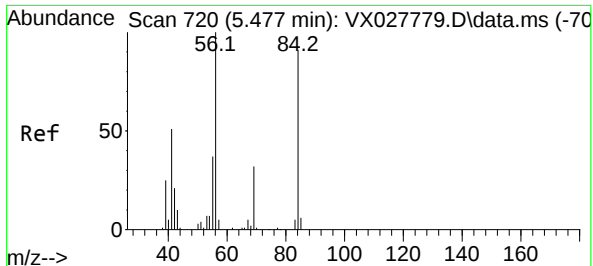
Tgt Ion: 43 Resp: 270

Ion Ratio Lower Upper

43 100

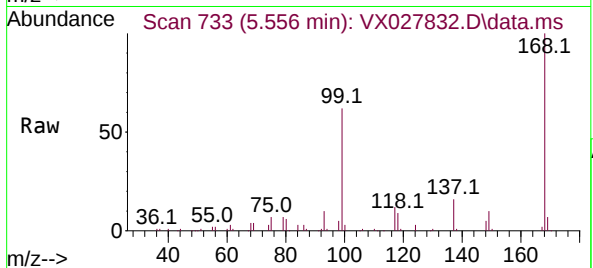
58 0.0 28.8 43.2#



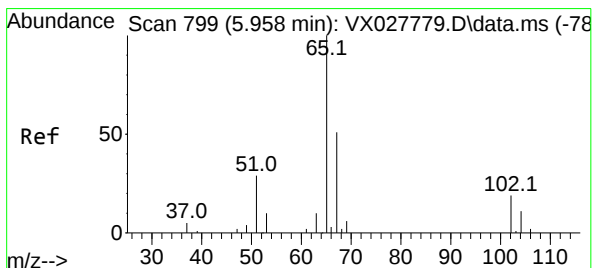
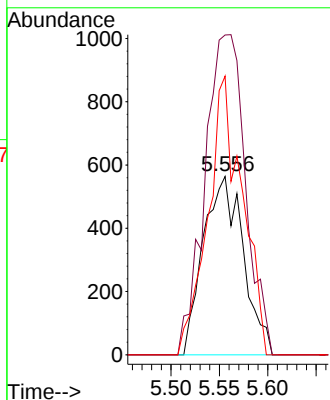
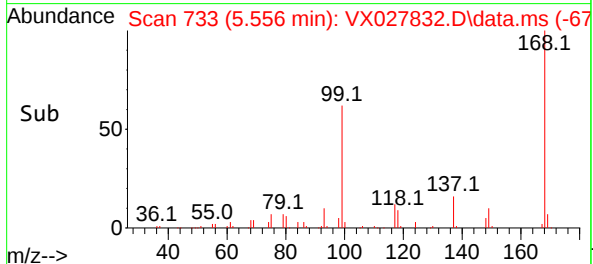


#31
Cyclohexane
Concen: 1.401 ug/l
RT: 5.556 min Scan# 713
Delta R.T. 0.079 min
Lab File: VX027832.D
Acq: 31 Mar 2022 00:51

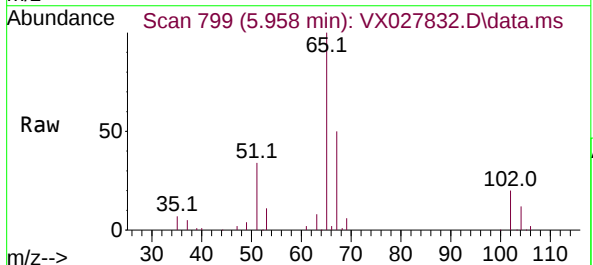
Instrument :
MSVOA_X
ClientSampleId :
RE117D2-20220317



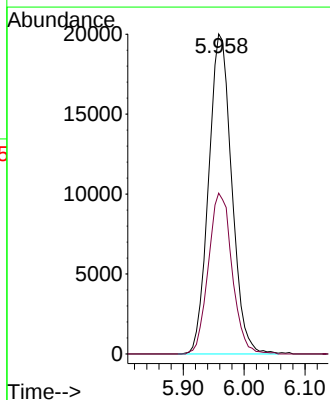
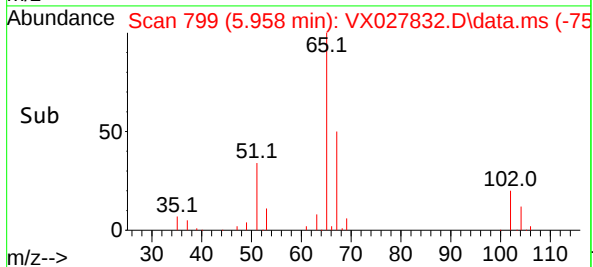
Tgt Ion: 56 Resp: 1618
Ion Ratio Lower Upper
56 100
69 179.3 26.7 40.1#
84 156.2 77.2 115.8#

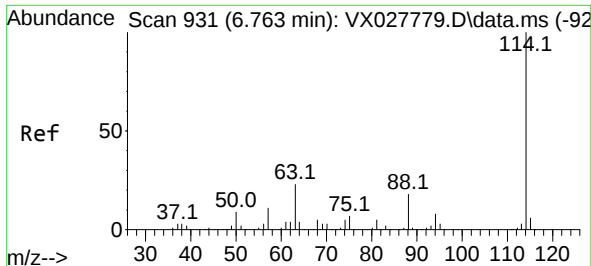


#33
1,2-Dichloroethane-d4
Concen: 50.431 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX027832.D
Acq: 31 Mar 2022 00:51



Tgt Ion: 65 Resp: 52705
Ion Ratio Lower Upper
65 100
67 51.5 0.0 107.4

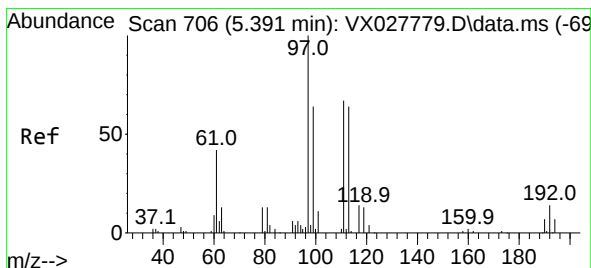
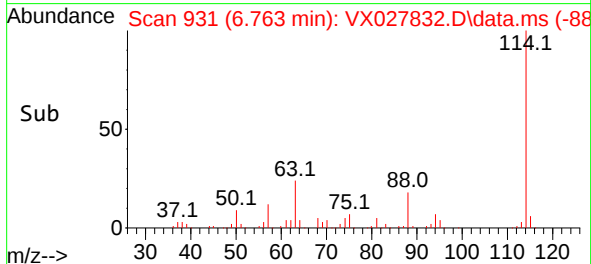
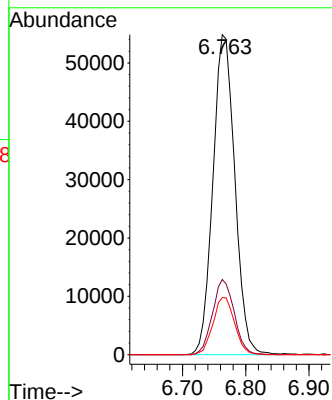
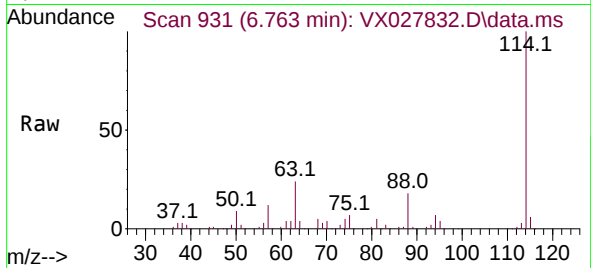




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX027832.D
Acq: 31 Mar 2022 00:51

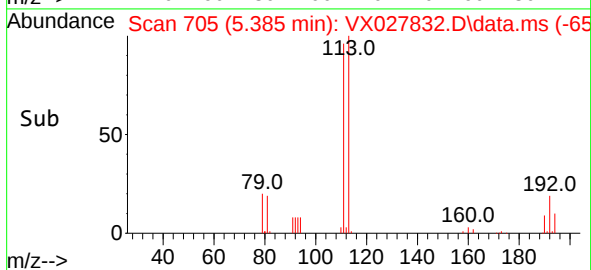
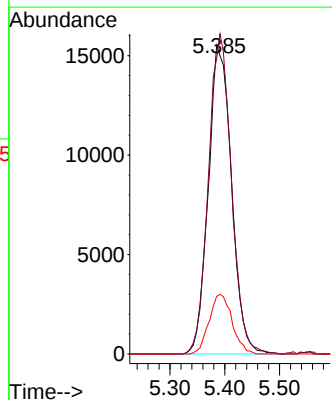
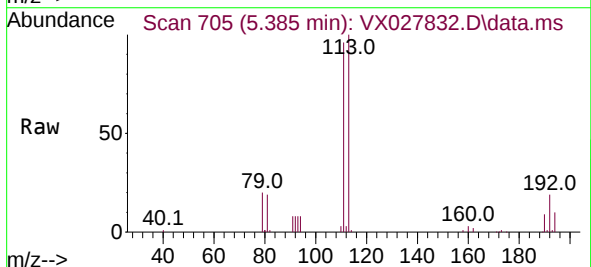
Instrument :
MSVOA_X
ClientSampleId :
RE117D2-20220317

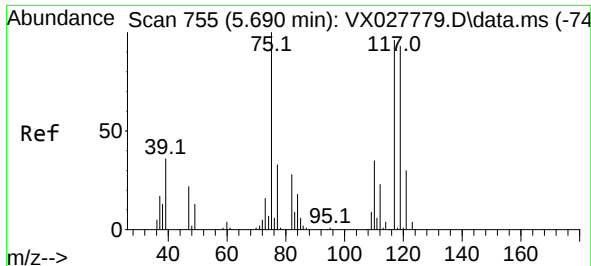
Tgt Ion:114 Resp: 131979
Ion Ratio Lower Upper
114 100
63 23.5 0.0 36.8
88 17.8 0.0 32.4



#35
Dibromofluoromethane
Concen: 53.625 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX027832.D
Acq: 31 Mar 2022 00:51

Tgt Ion:113 Resp: 45683
Ion Ratio Lower Upper
113 100
111 102.7 82.8 124.2
192 19.1 16.9 25.3





#36

1,1-Dichloropropene

Concen: 5.833 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX027832.D

Acq: 31 Mar 2022 00:51

Instrument :

MSVOA_X

ClientSampleId :

RE117D2-20220317

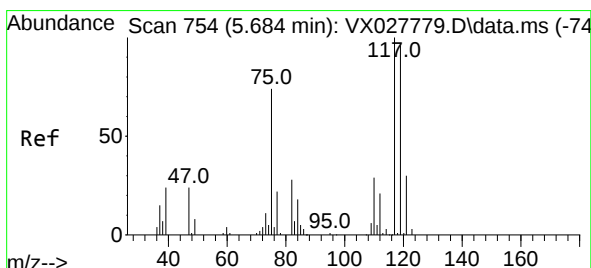
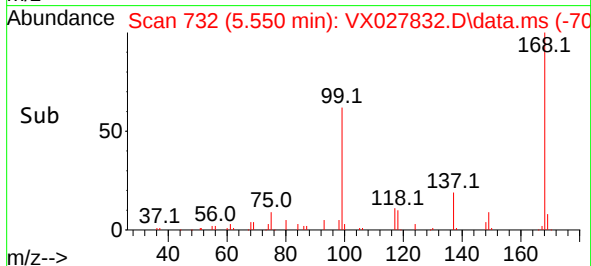
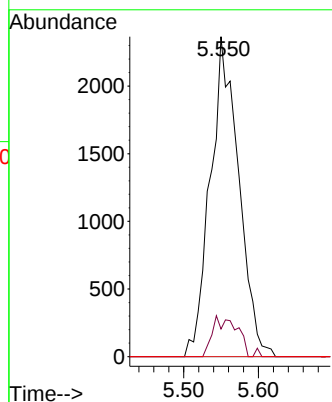
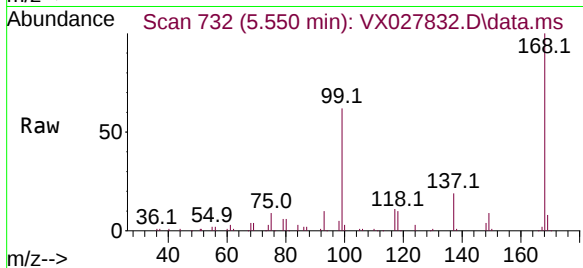
Tgt Ion: 75 Resp: 6259

Ion Ratio Lower Upper

75 100

110 10.8 18.3 54.8#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 7.501 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.128 min

Lab File: VX027832.D

Acq: 31 Mar 2022 00:51

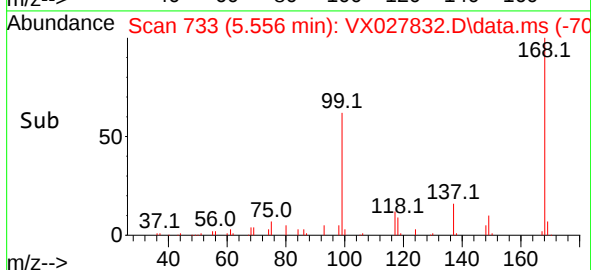
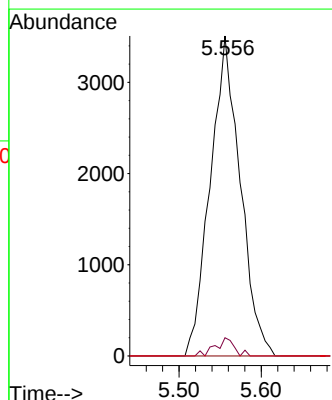
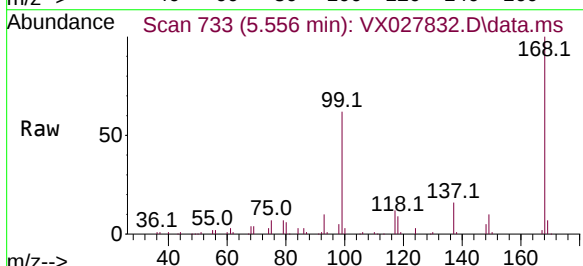
Tgt Ion: 117 Resp: 8892

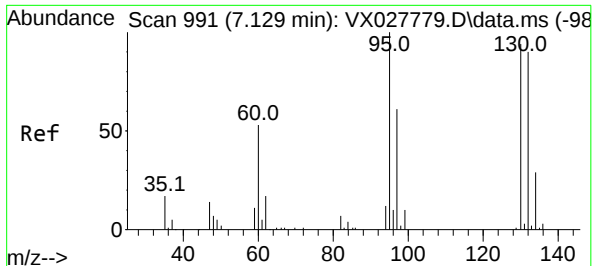
Ion Ratio Lower Upper

117 100

119 5.7 77.3 115.9#

121 0.0 24.2 36.2#

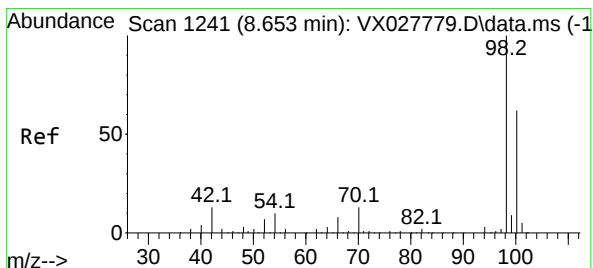
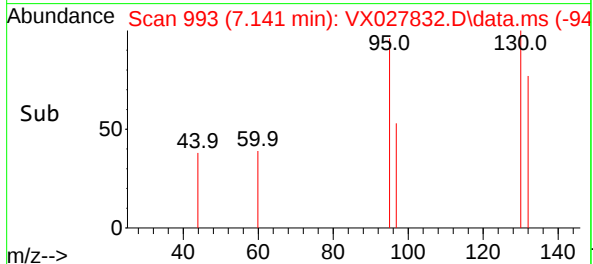
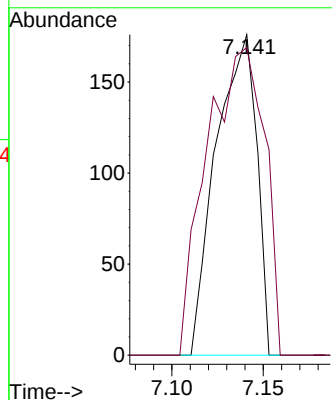
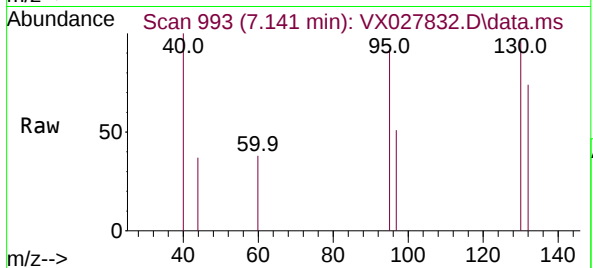




#44
Trichloroethene
Concen: 0.307 ug/l
RT: 7.141 min Scan# 991
Delta R.T. 0.012 min
Lab File: VX027832.D
Acq: 31 Mar 2022 00:51

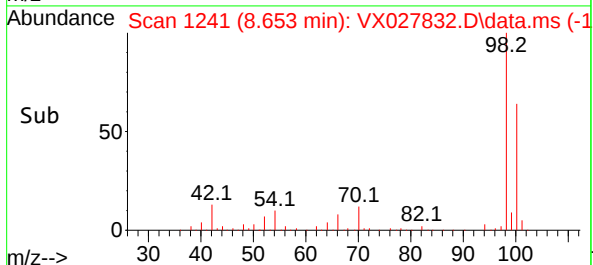
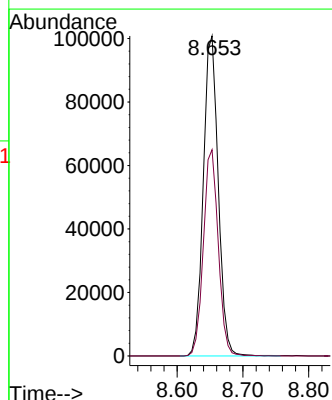
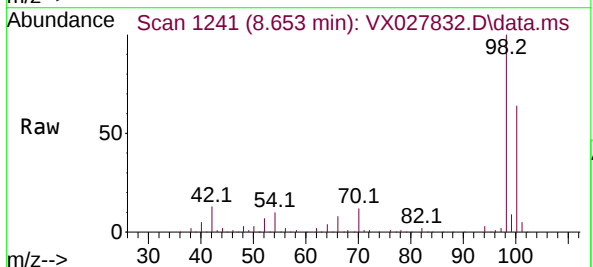
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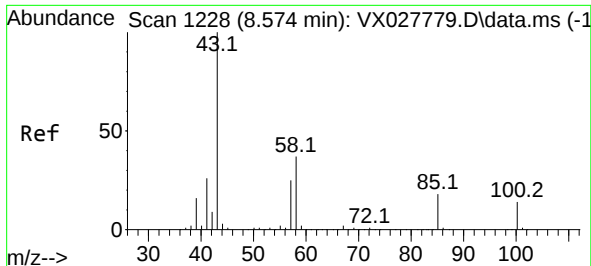
Tgt Ion:130 Resp: 271
Ion Ratio Lower Upper
130 100
95 96.0 0.0 188.8



#50
Toluene-d8
Concen: 53.004 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027832.D
Acq: 31 Mar 2022 00:51

Tgt Ion: 98 Resp: 158872
Ion Ratio Lower Upper
98 100
100 64.2 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 0.577 ug/l

RT: 8.653 min Scan# 11

Delta R.T. 0.079 min

Lab File: VX027832.D

Acq: 31 Mar 2022 00:51

Instrument :

MSVOA_X

ClientSampleId :

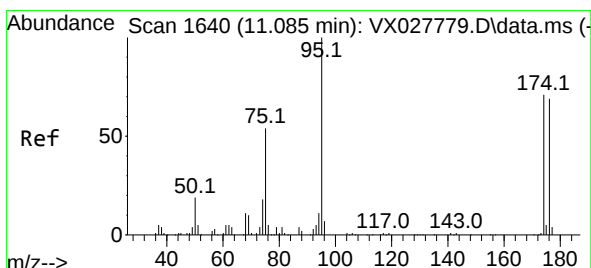
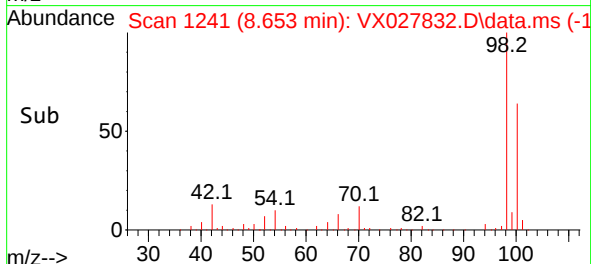
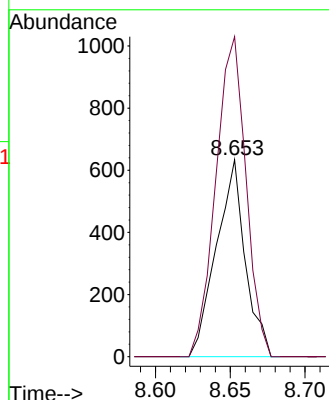
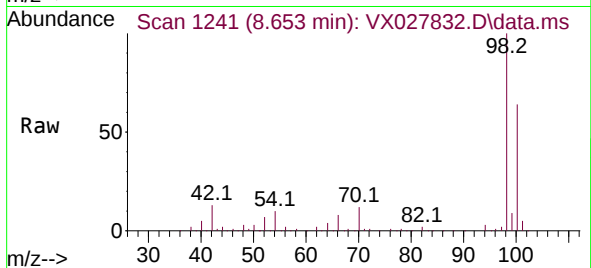
RE117D2-20220317

Tgt Ion: 43 Resp: 853

Ion Ratio Lower Upper

43 100

58 169.2 36.1 54.1#



#62

4-Bromofluorobenzene

Concen: 47.072 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX027832.D

Acq: 31 Mar 2022 00:51

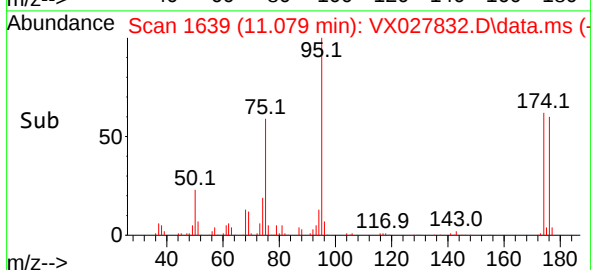
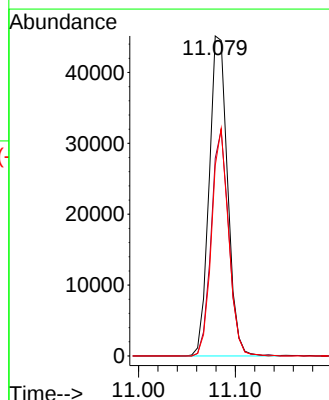
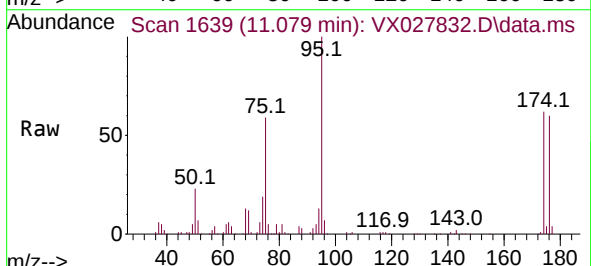
Tgt Ion: 95 Resp: 59958

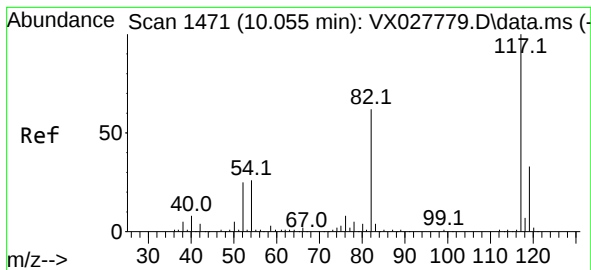
Ion Ratio Lower Upper

95 100

174 67.0 0.0 163.0

176 65.2 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: VX027832.D

Acq: 31 Mar 2022 00:51

Instrument :

MSVOA_X

ClientSampleId :

RE117D2-20220317

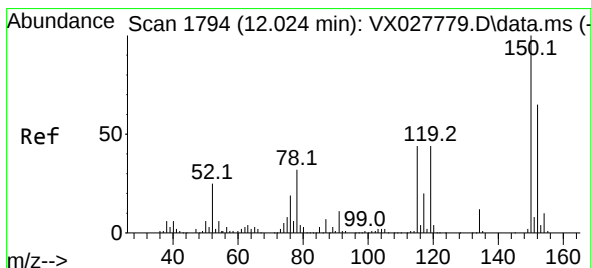
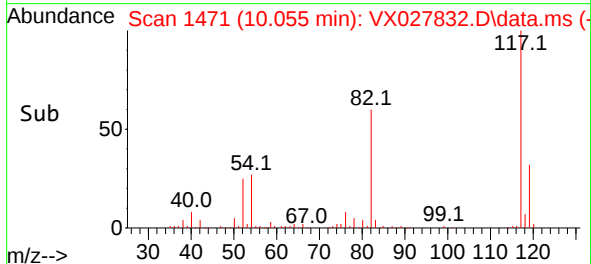
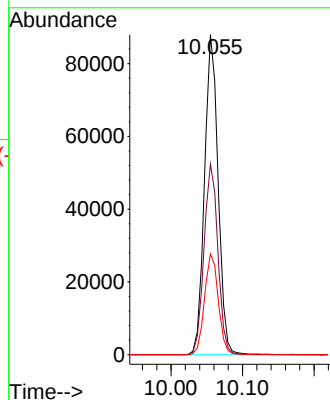
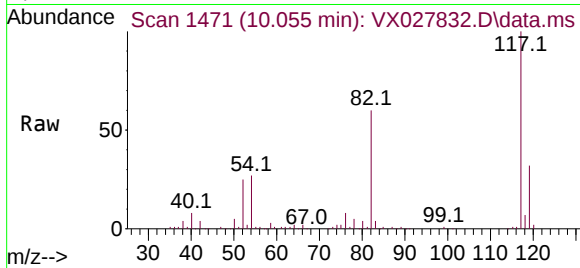
Tgt Ion:117 Resp: 116306

Ion Ratio Lower Upper

117 100

82 59.6 41.8 62.8

119 31.5 24.8 37.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX027832.D

Acq: 31 Mar 2022 00:51

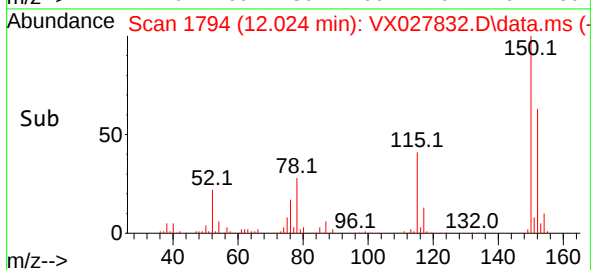
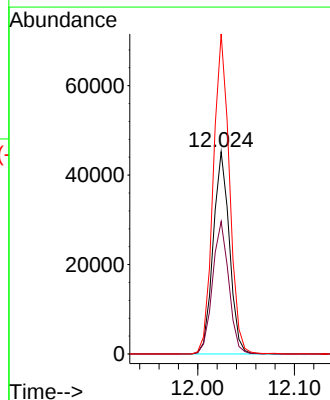
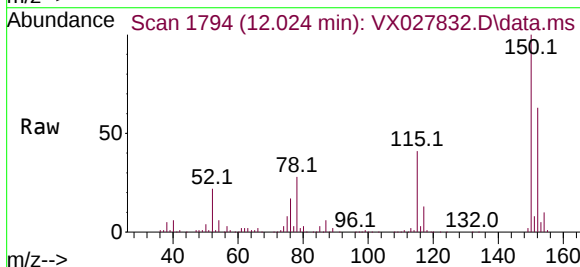
Tgt Ion:152 Resp: 52691

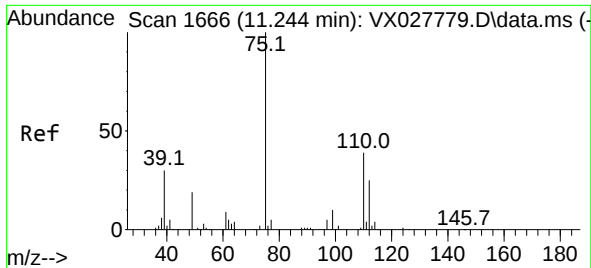
Ion Ratio Lower Upper

152 100

115 65.5 37.5 112.7

150 158.0 0.0 338.2

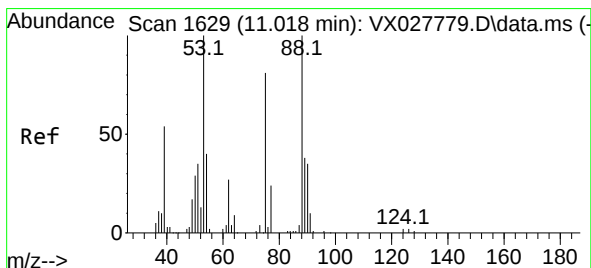
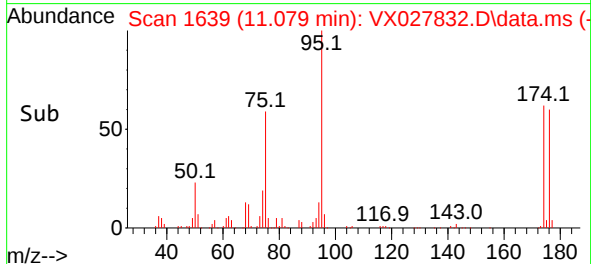
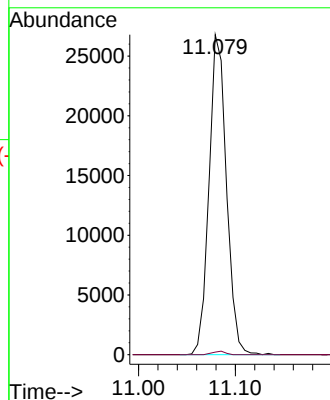
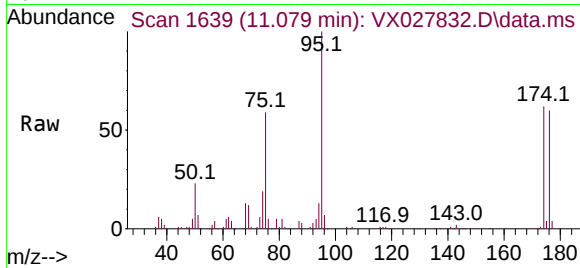




#76
1,2,3-Trichloropropane
Concen: 27.202 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027832.D
Acq: 31 Mar 2022 00:51

Instrument :
MSVOA_X
ClientSampleId :
RE117D2-20220317

Tgt Ion: 75 Resp: 33623
Ion Ratio Lower Upper
75 100
77 0.8 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 79.560 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX027832.D
Acq: 31 Mar 2022 00:51

Tgt Ion: 75 Resp: 33623
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

