

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040122\
 Data File : VX027895.D
 Acq On : 01 Apr 2022 20:38
 Operator : JC/MD
 Sample : N2074-17DL 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D2-20220321DL

Quant Time: Apr 02 05:11:39 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)

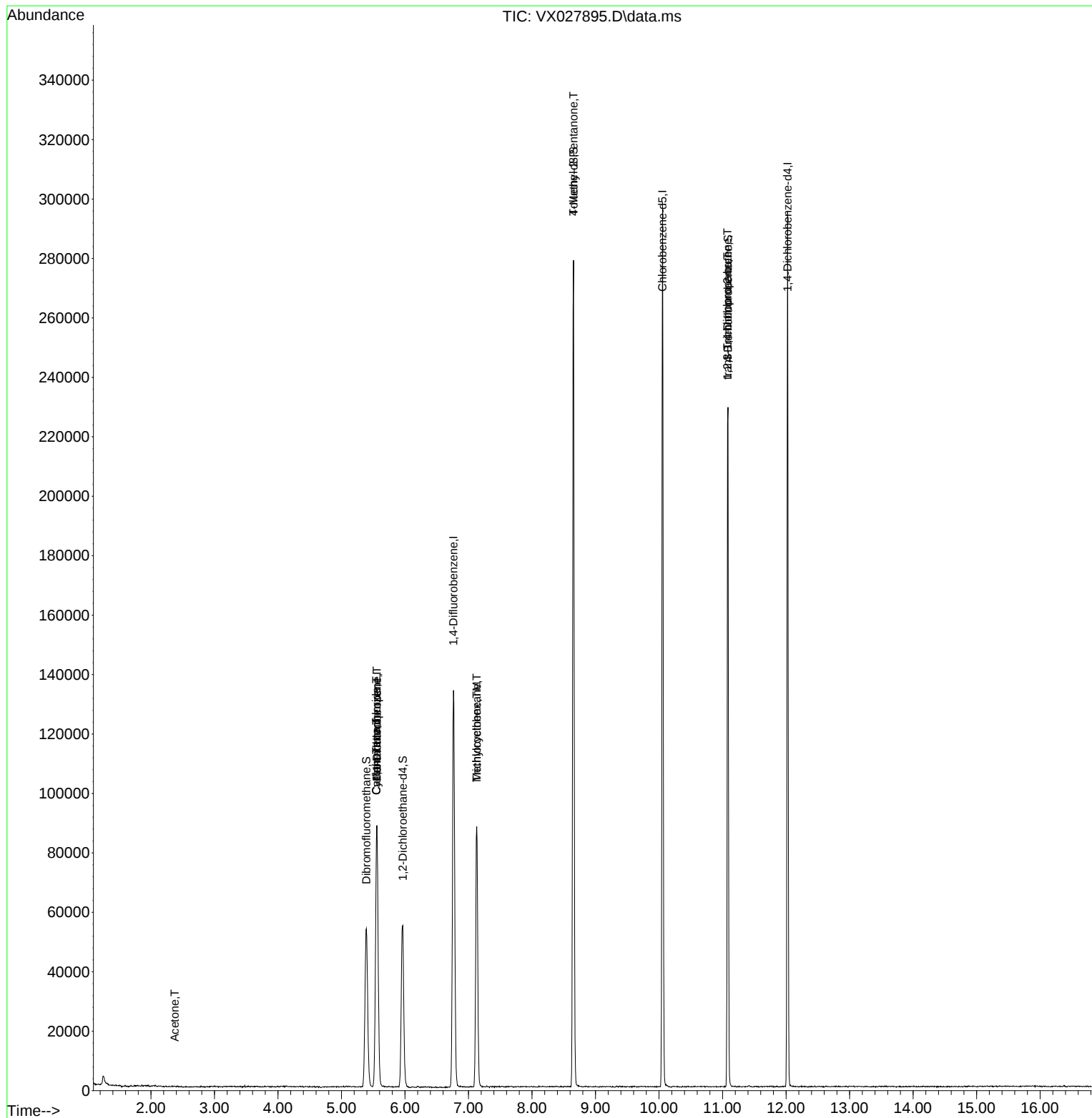
Internal Standards						
1) Pentafluorobenzene	5.556	168	80567	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	140479	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	123266	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	52729	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	56304	54.163	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 108.320%	
35) Dibromofluoromethane	5.391	113	46714	51.518	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 103.040%	
50) Toluene-d8	8.653	98	161105	50.497	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 101.000%	
62) 4-Bromofluorobenzene	11.085	95	63826	47.076	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 94.160%	
Target Compounds						
					Qvalue	
16) Acetone	2.373	43	222	0.483	ug/l	# 39
31) Cyclohexane	5.550	56	1898	1.652	ug/l	# 20
36) 1,1-Dichloropropene	5.556	75	6748	5.909	ug/l	# 50
38) Carbon Tetrachloride	5.550	117	8818	6.989	ug/l	# 16
39) Methylcyclohexane	7.129	83	383	0.285	ug/l	# 1
44) Trichloroethene	7.129	130	32090	34.118	ug/l	# 85
51) 4-Methyl-2-Pentanone	8.653	43	740	0.470	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	35406	28.624	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	35406	83.536	ug/l	# 15

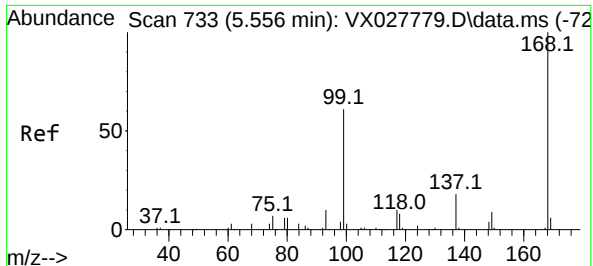
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

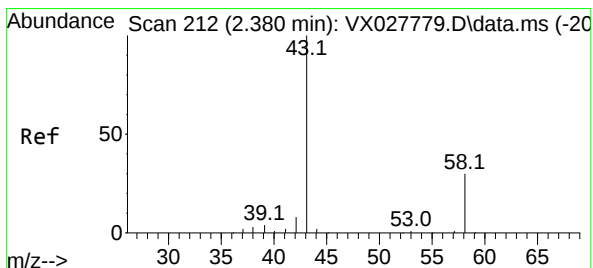
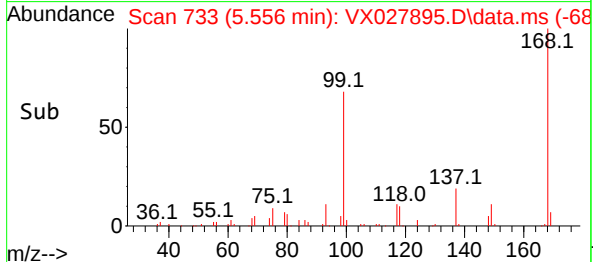
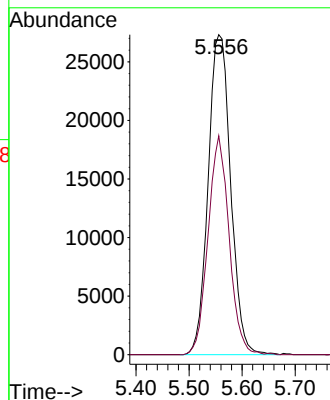
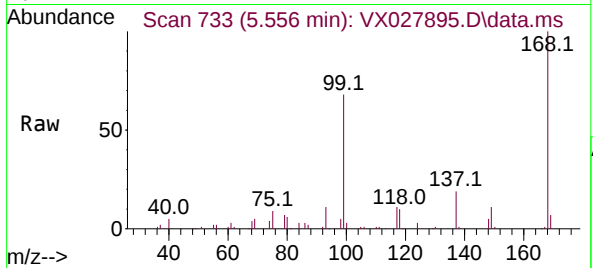




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027895.D
Acq: 01 Apr 2022 20:38

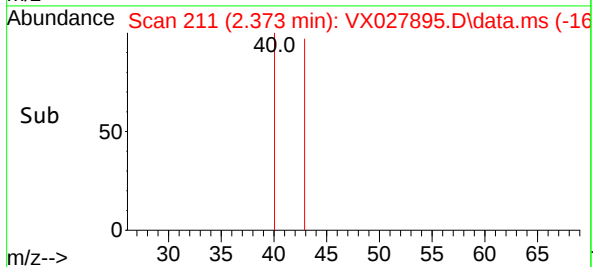
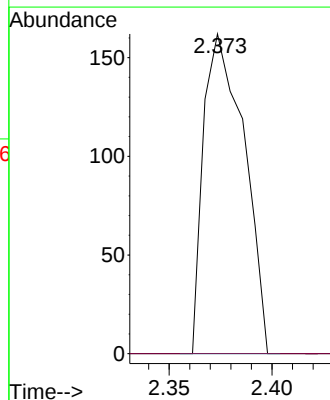
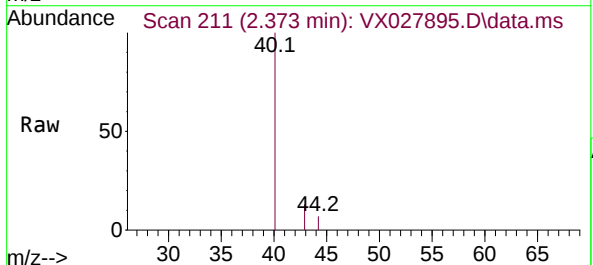
Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20220321DL

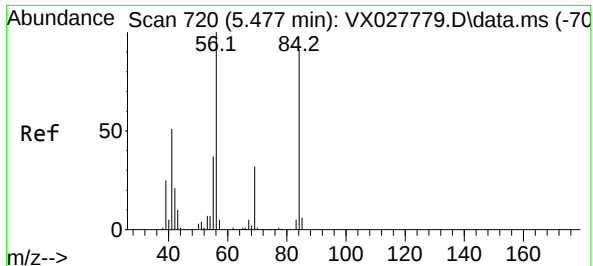
Tgt Ion:168 Resp: 80567
Ion Ratio Lower Upper
168 100
99 68.4 41.7 62.5#



#16
Acetone
Concen: 0.483 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.007 min
Lab File: VX027895.D
Acq: 01 Apr 2022 20:38

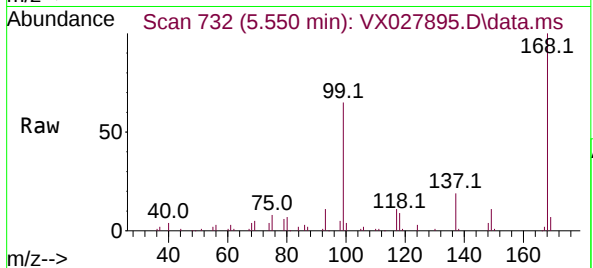
Tgt Ion: 43 Resp: 222
Ion Ratio Lower Upper
43 100
58 0.0 28.8 43.2#



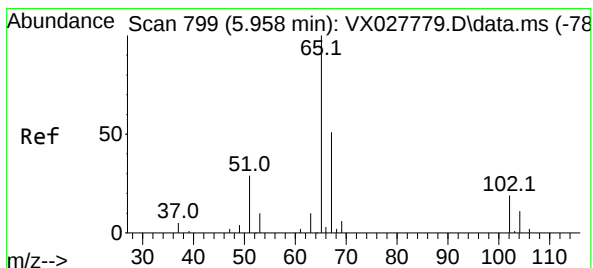
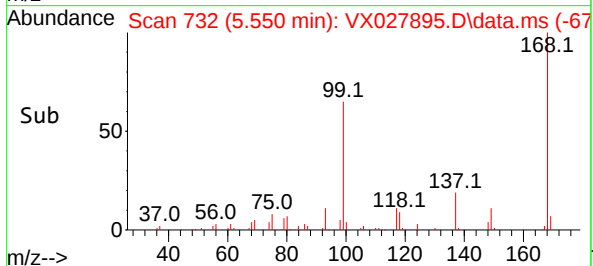
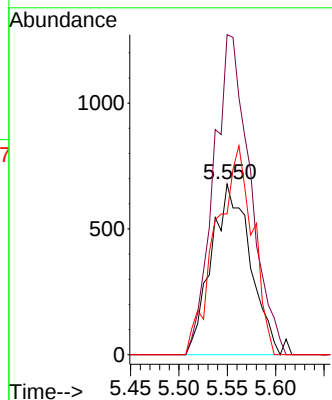


#31
Cyclohexane
Concen: 1.652 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.073 min
Lab File: VX027895.D
Acq: 01 Apr 2022 20:38

Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20220321DL

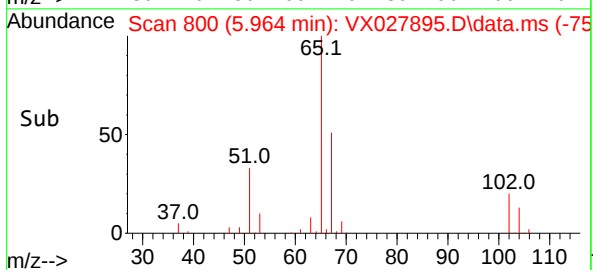
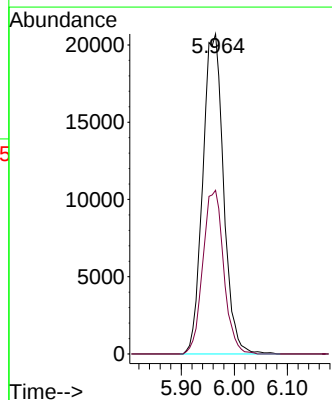
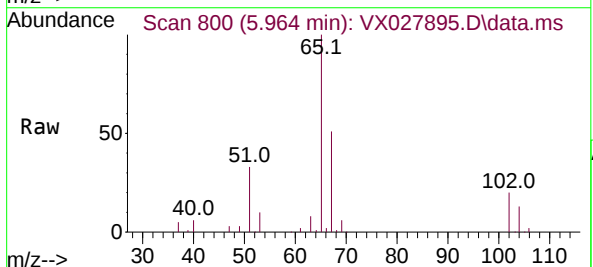


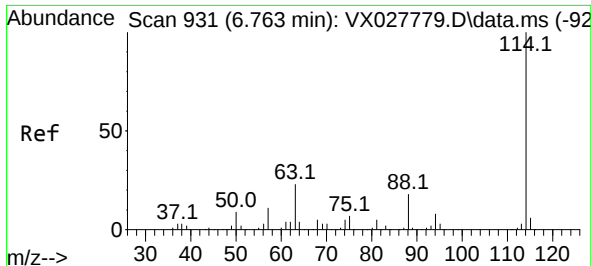
Tgt Ion: 56 Resp: 1898
Ion Ratio Lower Upper
56 100
69 187.6 26.7 40.1#
84 82.6 77.2 115.8



#33
1,2-Dichloroethane-d4
Concen: 54.163 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX027895.D
Acq: 01 Apr 2022 20:38

Tgt Ion: 65 Resp: 56304
Ion Ratio Lower Upper
65 100
67 51.3 0.0 107.4

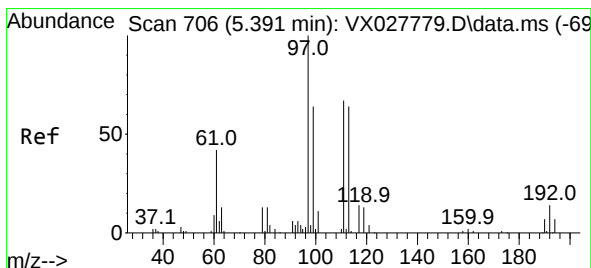
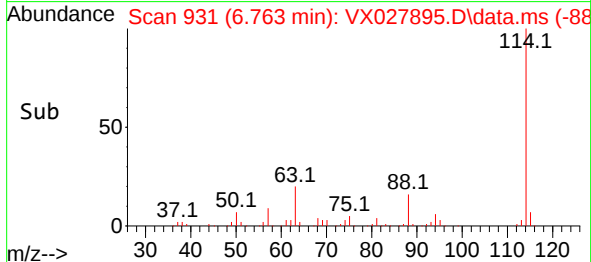
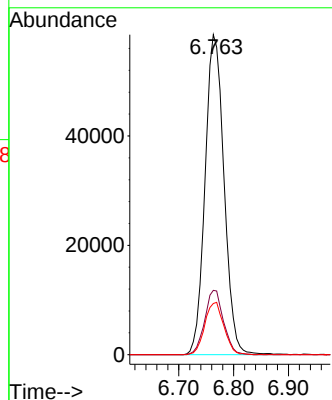
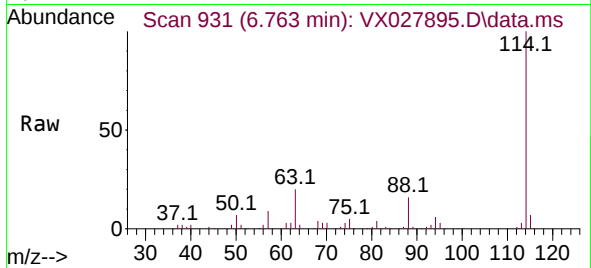




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX027895.D
Acq: 01 Apr 2022 20:38

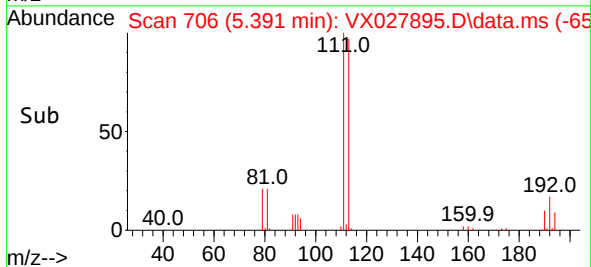
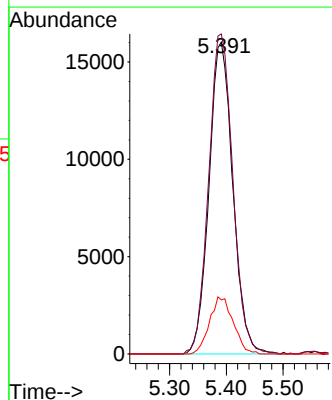
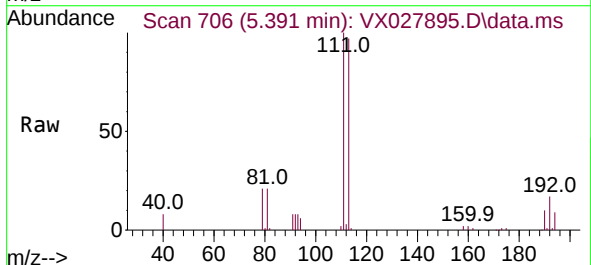
Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20220321DL

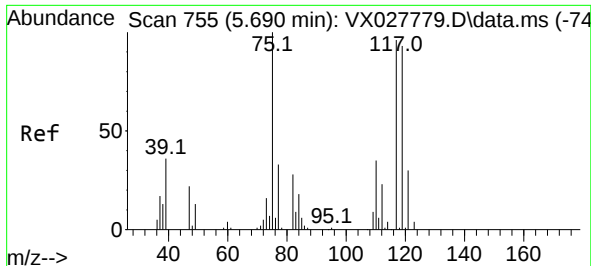
Tgt Ion:114 Resp: 140479
Ion Ratio Lower Upper
114 100
63 20.1 0.0 36.8
88 16.0 0.0 32.4



#35
Dibromofluoromethane
Concen: 51.518 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027895.D
Acq: 01 Apr 2022 20:38

Tgt Ion:113 Resp: 46714
Ion Ratio Lower Upper
113 100
111 104.2 82.8 124.2
192 18.1 16.9 25.3





#36

1,1-Dichloropropene

Concen: 5.909 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.134 min

Lab File: VX027895.D

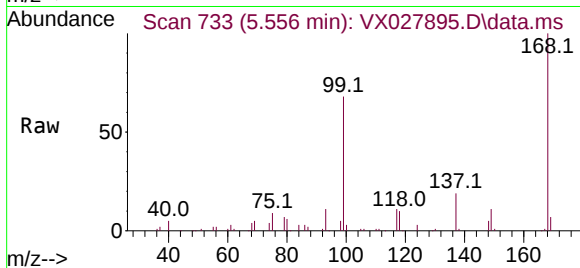
Acq: 01 Apr 2022 20:38

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-20220321DL



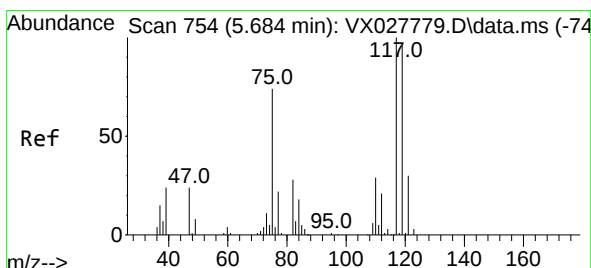
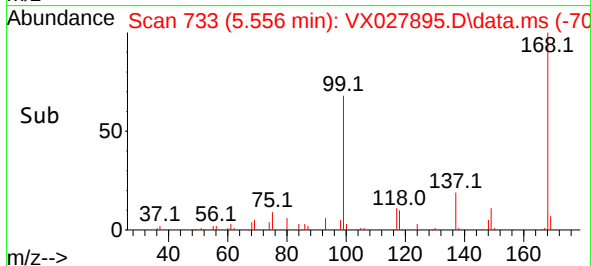
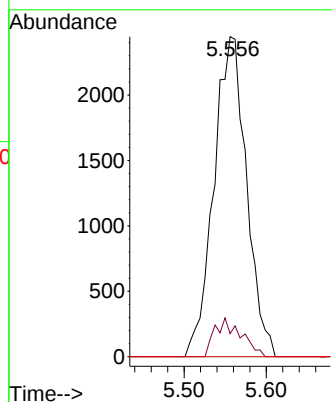
Tgt Ion: 75 Resp: 6748

Ion Ratio Lower Upper

75 100

110 9.8 18.3 54.8#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 6.989 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.134 min

Lab File: VX027895.D

Acq: 01 Apr 2022 20:38

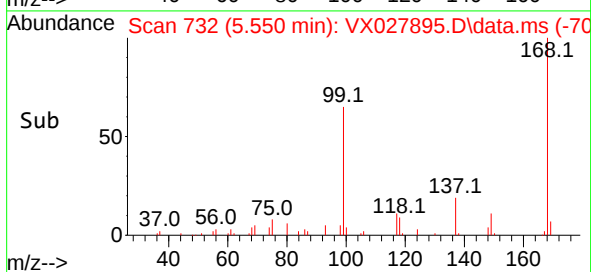
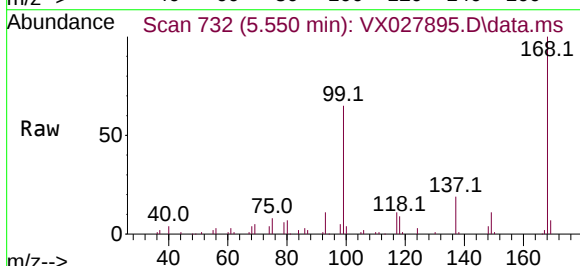
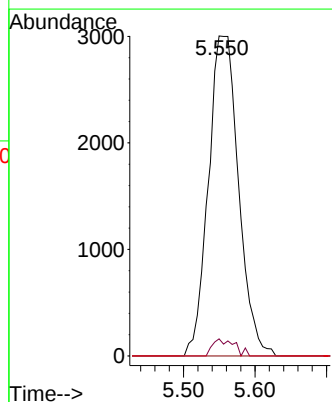
Tgt Ion: 117 Resp: 8818

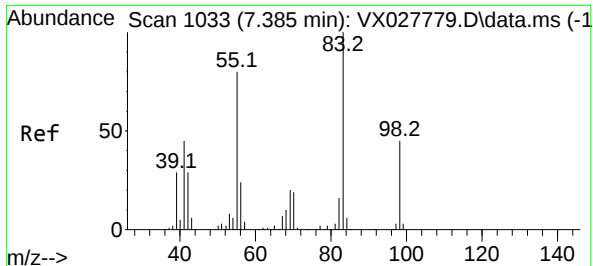
Ion Ratio Lower Upper

117 100

119 5.4 77.3 115.9#

121 0.0 24.2 36.2#





#39

Methylcyclohexane

Concen: 0.285 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.256 min

Lab File: VX027895.D

Acq: 01 Apr 2022 20:38

Instrument :

MSVOA_X

ClientSampleId :

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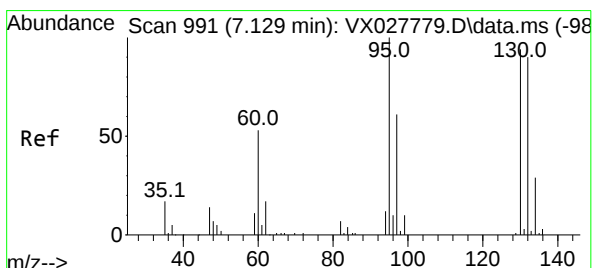
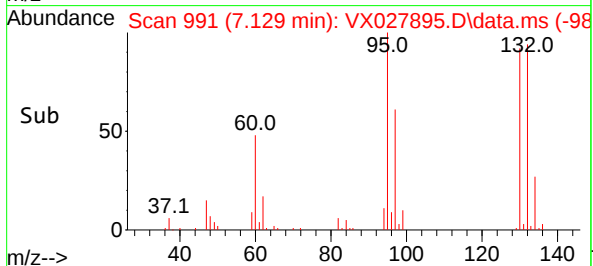
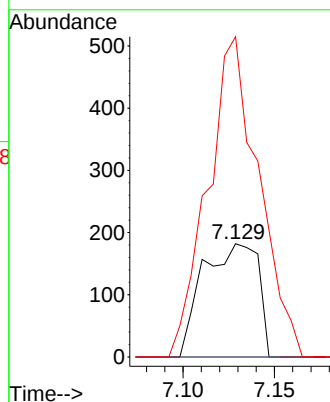
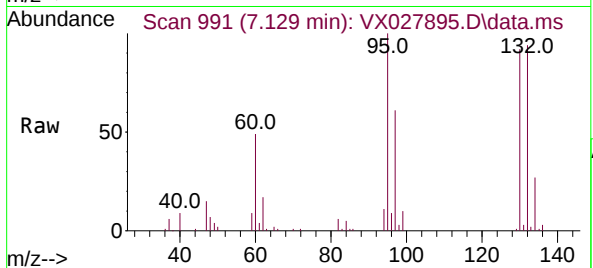
Tgt Ion: 83 Resp: 383

Ion Ratio Lower Upper

83 100

55 0.0 54.6 81.8#

98 255.5 37.4 56.2#



#44

Trichloroethene

Concen: 34.118 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX027895.D

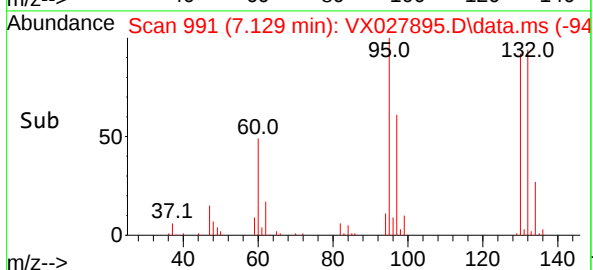
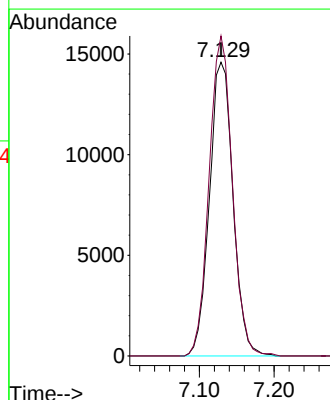
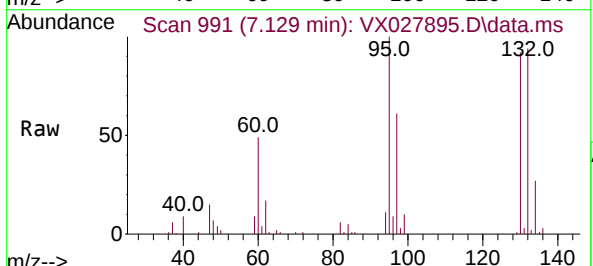
Acq: 01 Apr 2022 20:38

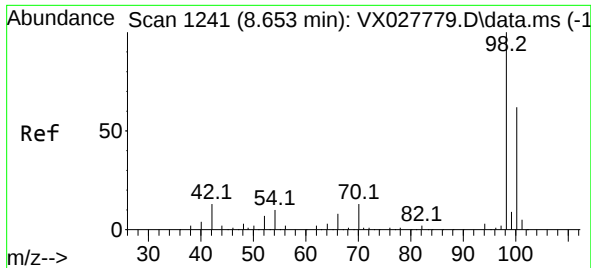
Tgt Ion:130 Resp: 32090

Ion Ratio Lower Upper

130 100

95 108.9 0.0 188.8

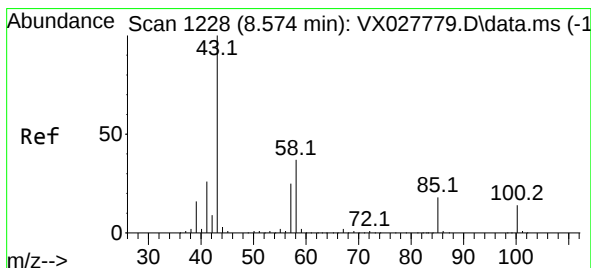
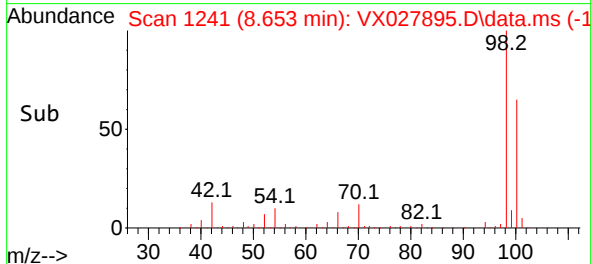
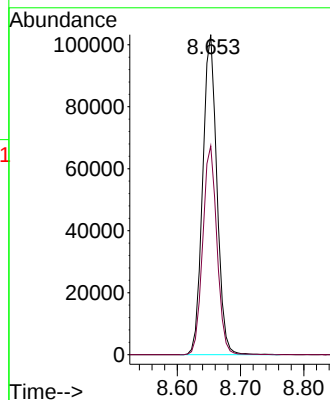
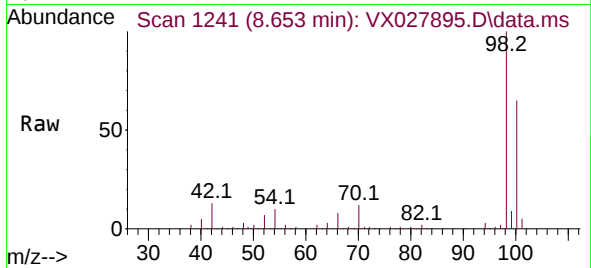




#50
Toluene-d8
Concen: 50.497 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027895.D
Acq: 01 Apr 2022 20:38

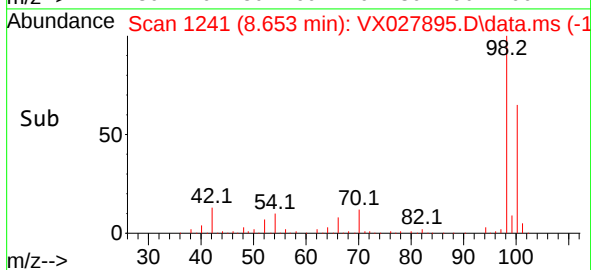
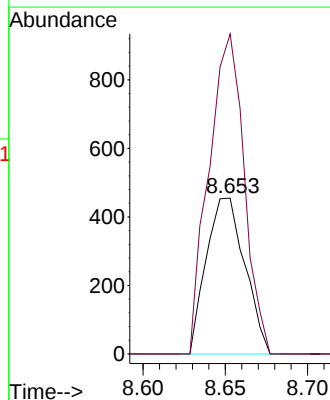
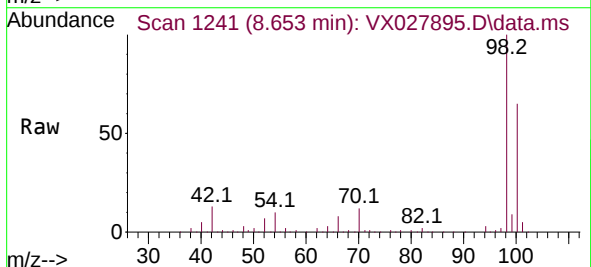
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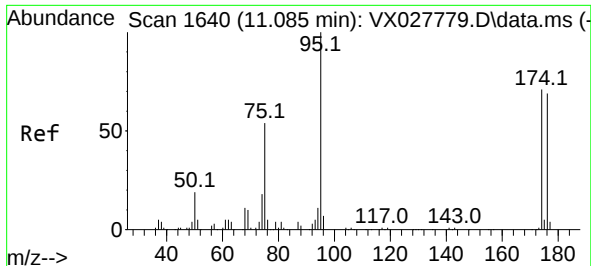
Tgt Ion: 98 Resp: 161105
Ion Ratio Lower Upper
98 100
100 65.2 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.470 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX027895.D
Acq: 01 Apr 2022 20:38

Tgt Ion: 43 Resp: 740
Ion Ratio Lower Upper
43 100
58 188.5 36.1 54.1#





#62

4-Bromofluorobenzene

Concen: 47.076 ug/l

RT: 11.085 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX027895.D

Acq: 01 Apr 2022 20:38

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-20220321DL

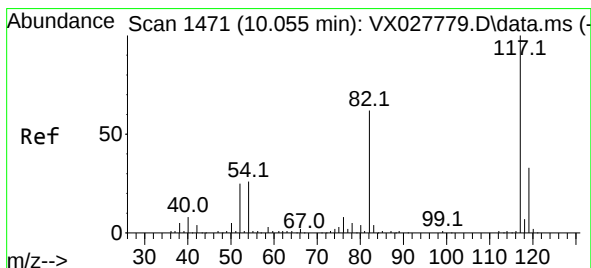
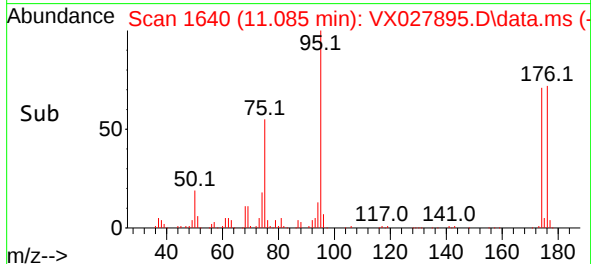
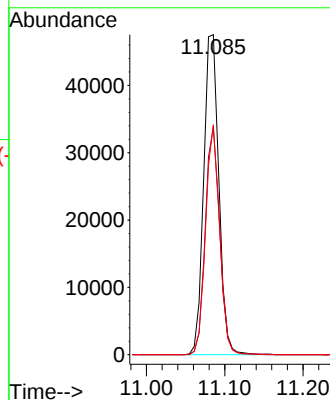
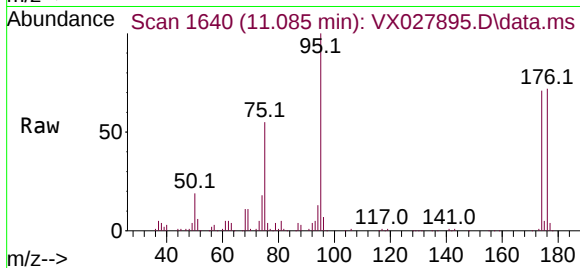
Tgt Ion: 95 Resp: 63826

Ion Ratio Lower Upper

95 100

174 67.7 0.0 163.0

176 66.3 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: VX027895.D

Acq: 01 Apr 2022 20:38

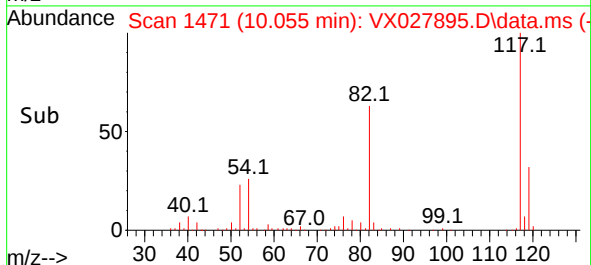
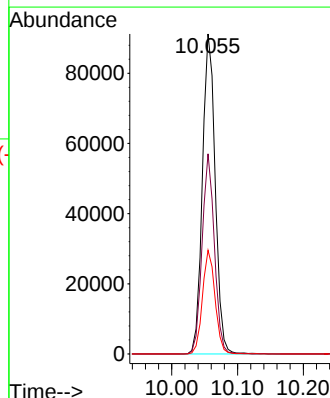
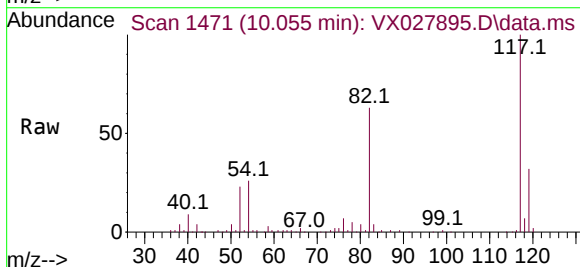
Tgt Ion: 117 Resp: 123266

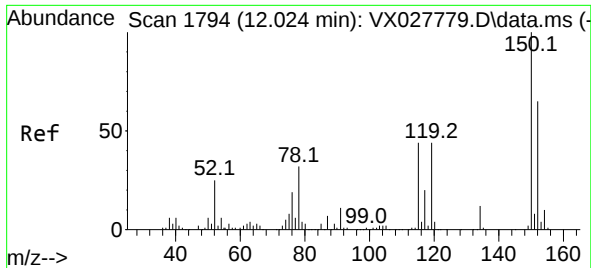
Ion Ratio Lower Upper

117 100

82 62.6 41.8 62.8

119 32.4 24.8 37.2

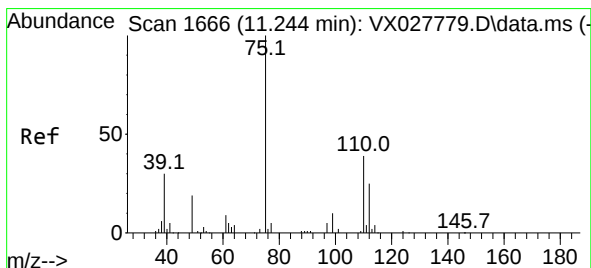
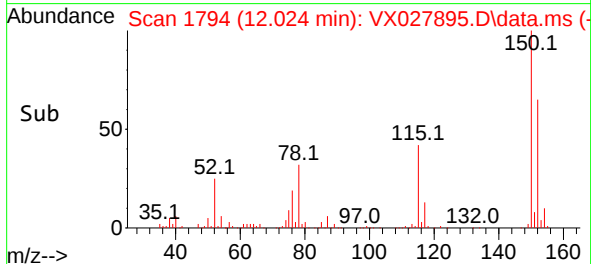
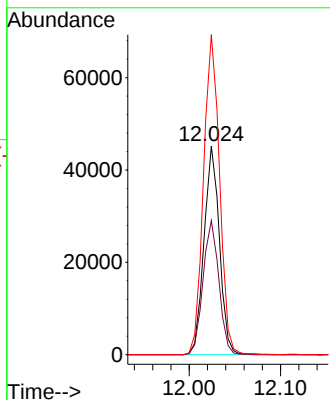
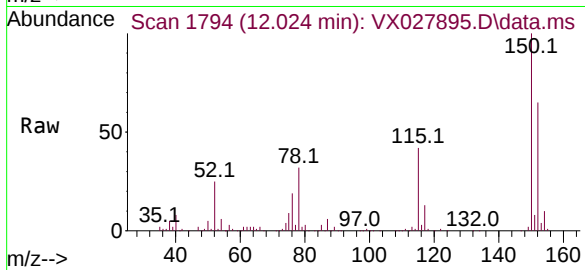




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX027895.D
 Acq: 01 Apr 2022 20:38

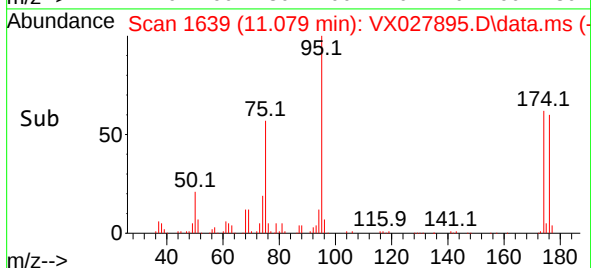
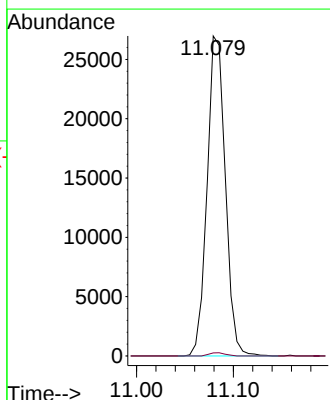
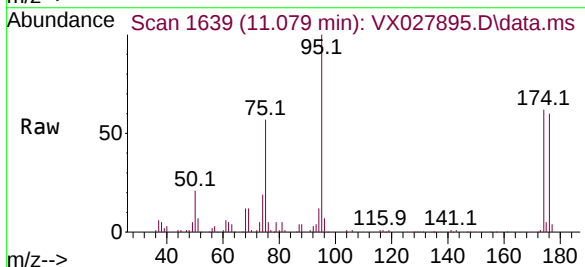
Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D2-20220321DL

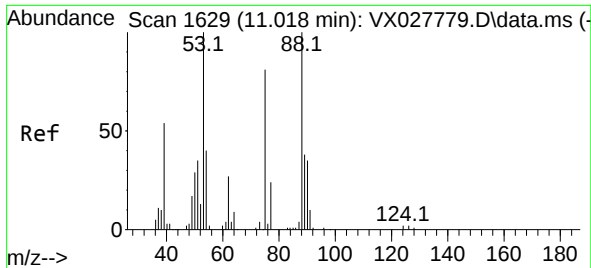
Tgt Ion:152 Resp: 52729
 Ion Ratio Lower Upper
 152 100
 115 66.0 37.5 112.7
 150 159.6 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 28.624 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX027895.D
 Acq: 01 Apr 2022 20:38

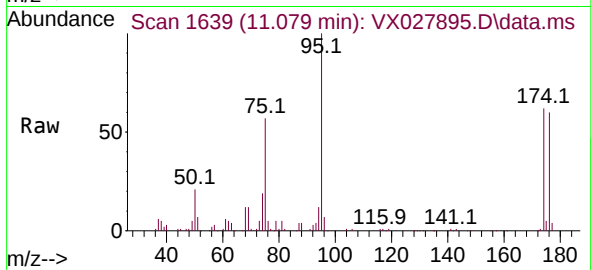
Tgt Ion: 75 Resp: 35406
 Ion Ratio Lower Upper
 75 100
 77 0.9 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 83.536 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX027895.D
 Acq: 01 Apr 2022 20:38

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D2-20220321DL



Tgt Ion: 75 Resp: 35406
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

