

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033022\
 Data File : VX027821.D
 Acq On : 30 Mar 2022 19:22
 Operator : JC/MD
 Sample : N2041-16DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D1-20220317DL

Quant Time: Mar 31 05:52:13 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)

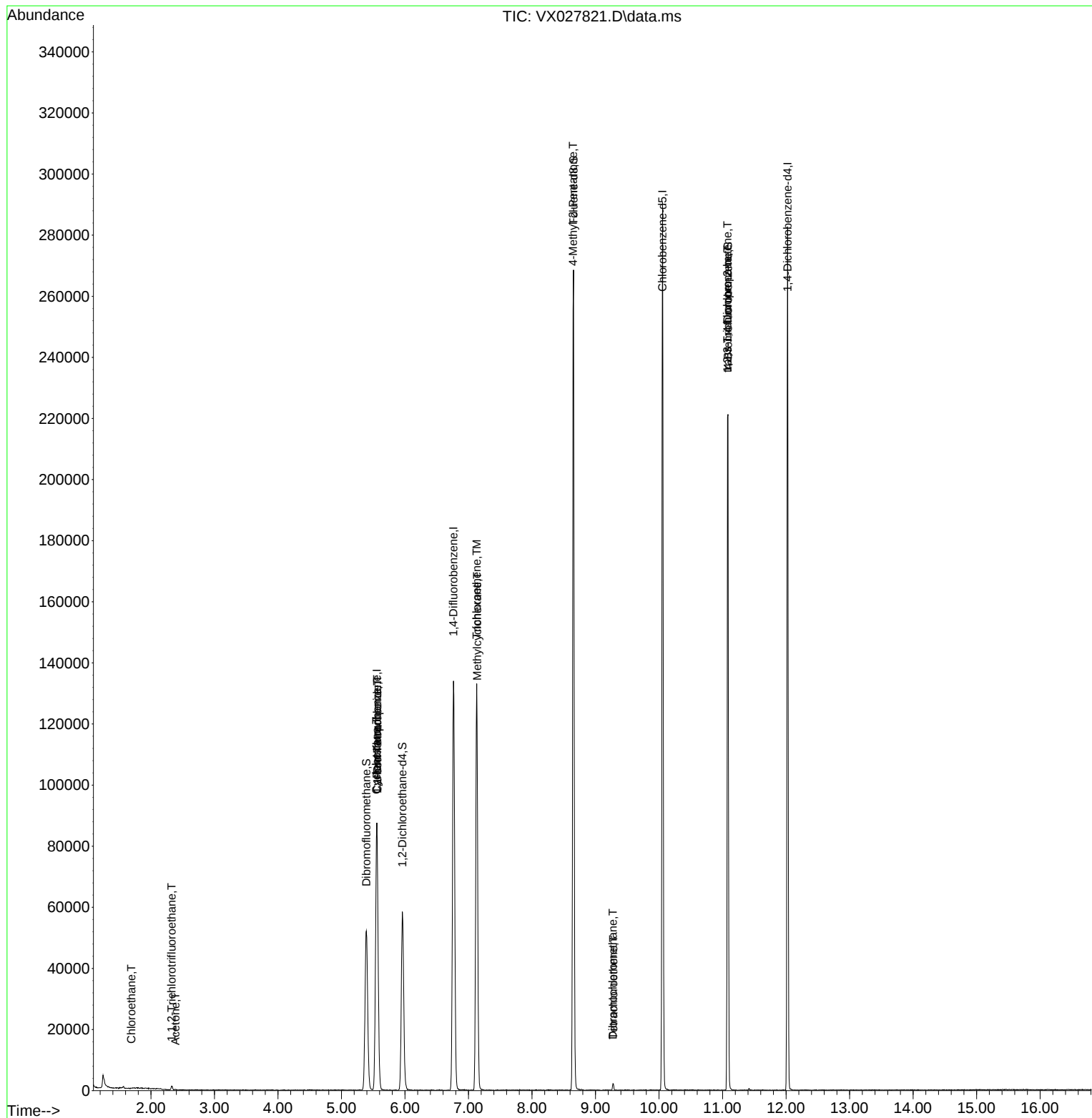
Internal Standards						
1) Pentafluorobenzene	5.556	168	79546	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	136500	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	119068	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	56108	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	58941	57.427	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 114.860%	
35) Dibromofluoromethane	5.391	113	46168	52.400	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 104.800%	
50) Toluene-d8	8.653	98	153349	49.467	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 98.940%	
62) 4-Bromofluorobenzene	11.085	95	62805	47.674	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 95.340%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.691	64	117	0.266	ug/l	# 43
9) 1,1,2-Trichlorotrifluo...	2.325	101	422	0.567	ug/l	# 86
16) Acetone	2.386	43	263	0.579	ug/l	# 39
31) Cyclohexane	5.550	56	1767	1.557	ug/l	# 41
36) 1,1-Dichloropropene	5.562	75	6661	6.002	ug/l	# 51
38) Carbon Tetrachloride	5.562	117	8444	6.887	ug/l	# 15
39) Methylcyclohexane	7.135	83	591	0.453	ug/l	# 1
44) Trichloroethene	7.129	130	47628	52.114	ug/l	# 89
51) 4-Methyl-2-Pentanone	8.647	43	751	0.491	ug/l	# 1
60) Dibromochloromethane	9.275	129	360	0.370	ug/l	# 9
64) Tetrachloroethene	9.281	164	387	0.479	ug/l	# 90
76) 1,2,3-Trichloropropane	11.079	75	33415	25.387	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	33415	74.486	ug/l	# 15

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

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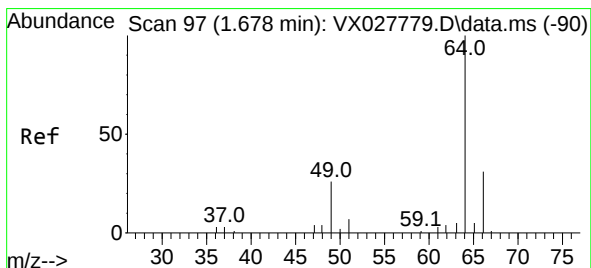
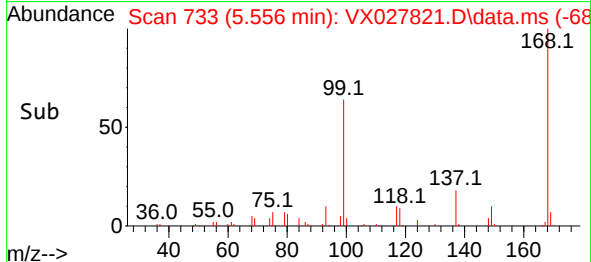
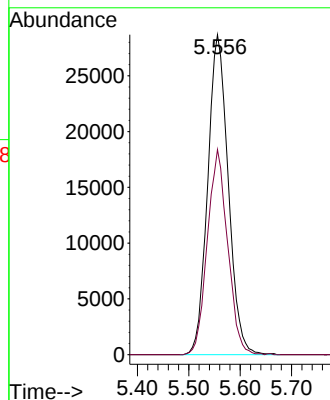
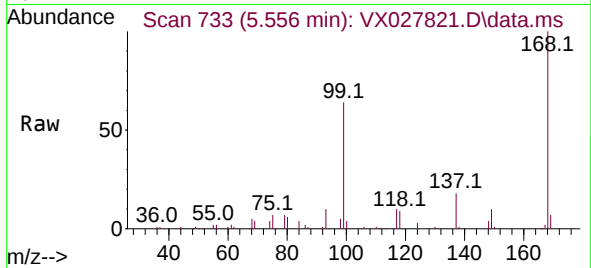




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027821.D
Acq: 30 Mar 2022 19:22

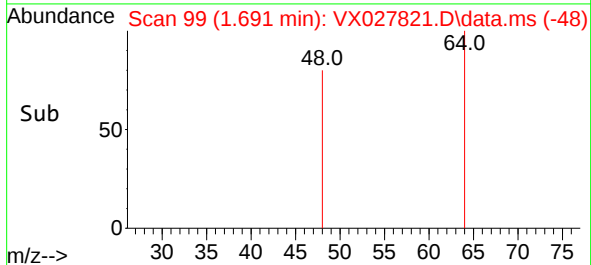
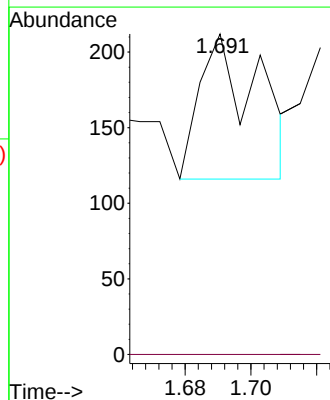
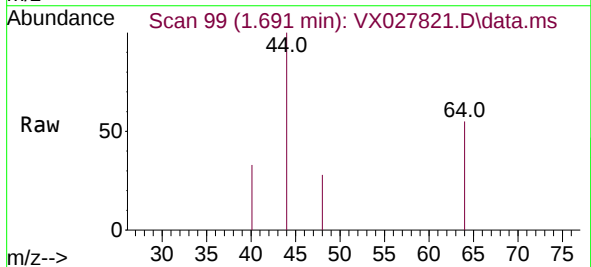
Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20220317DL

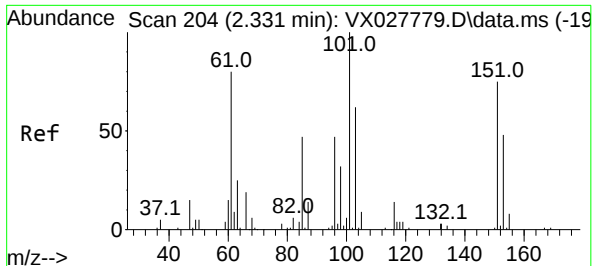
Tgt Ion:168 Resp: 79546
Ion Ratio Lower Upper
168 100
99 64.1 41.7 62.5#



#6
Chloroethane
Concen: 0.266 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.013 min
Lab File: VX027821.D
Acq: 30 Mar 2022 19:22

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

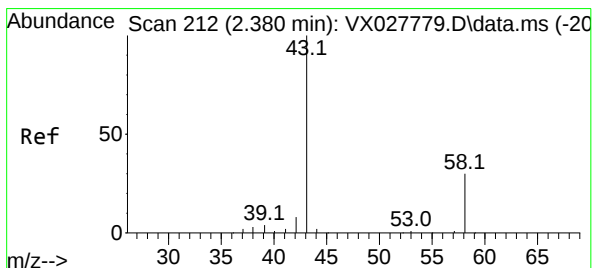
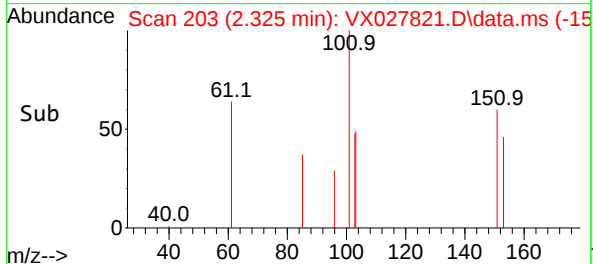
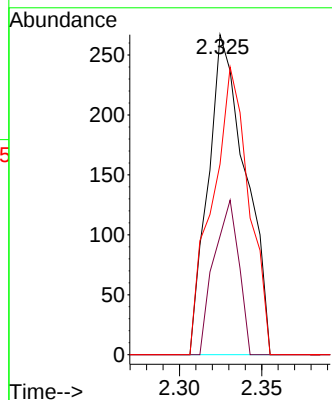
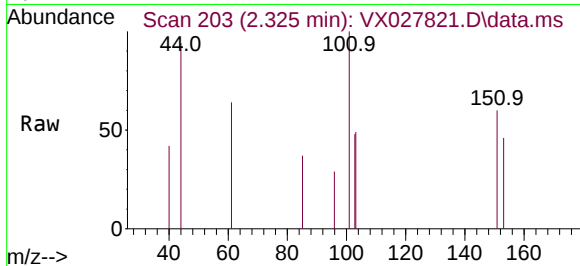




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.567 ug/l
RT: 2.325 min Scan# 20
Delta R.T. -0.006 min
Lab File: VX027821.D
Acq: 30 Mar 2022 19:22

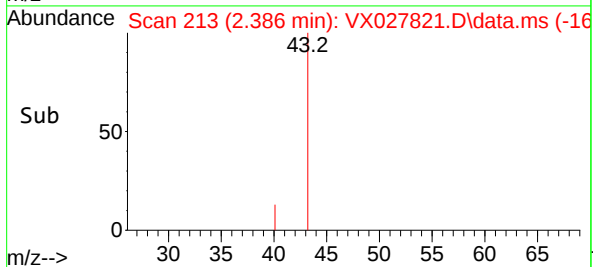
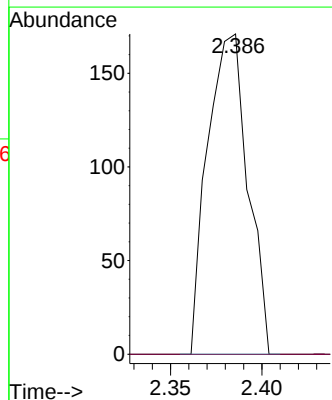
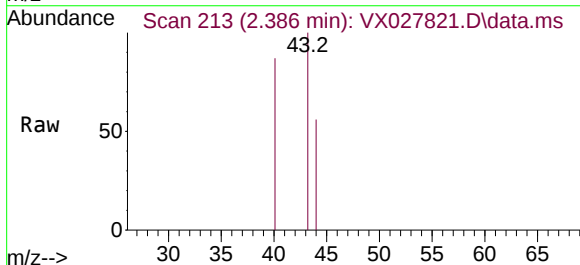
Instrument :
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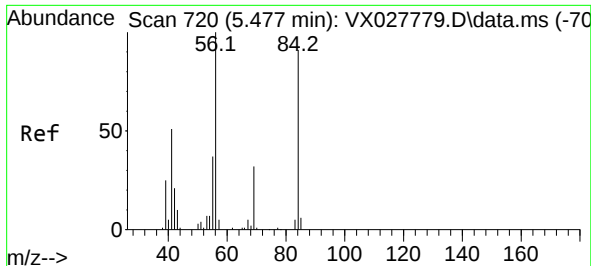
Tgt Ion:101 Resp: 422
Ion Ratio Lower Upper
101 100
85 32.0 33.5 50.3#
151 87.9 61.8 92.6



#16
Acetone
Concen: 0.579 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX027821.D
Acq: 30 Mar 2022 19:22

Tgt Ion: 43 Resp: 263
Ion Ratio Lower Upper
43 100
58 0.0 28.8 43.2#

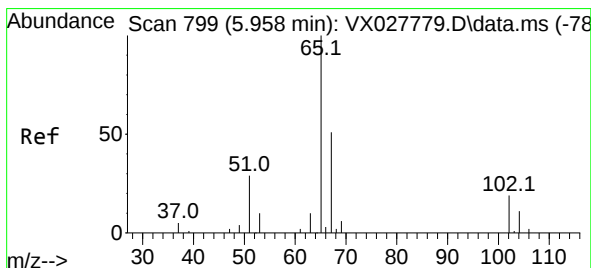
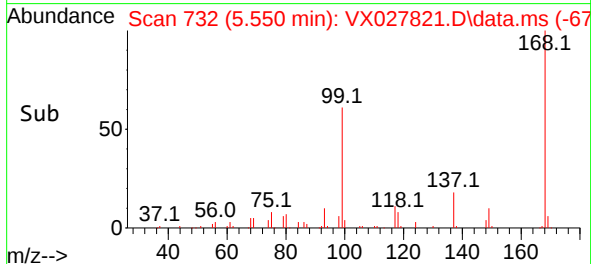
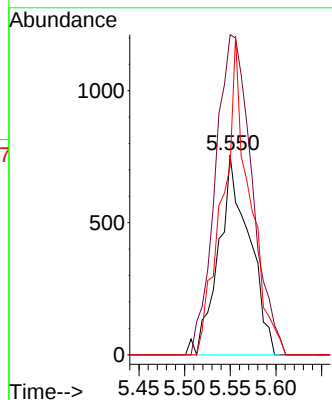
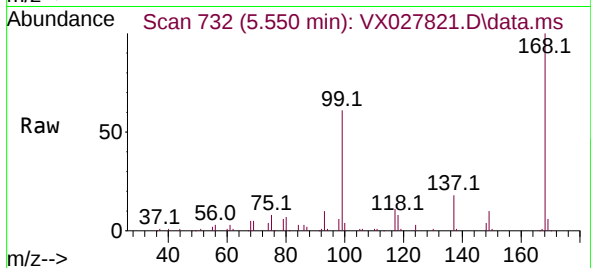




#31
Cyclohexane
Concen: 1.557 ug/l
RT: 5.550 min Scan# 713
Delta R.T. 0.073 min
Lab File: VX027821.D
Acq: 30 Mar 2022 19:22

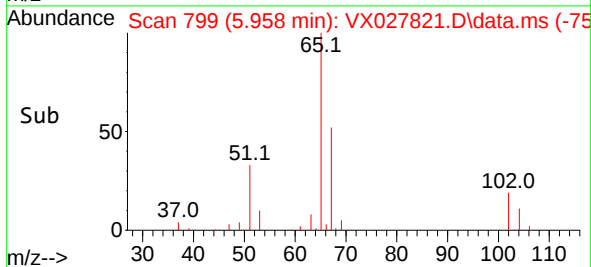
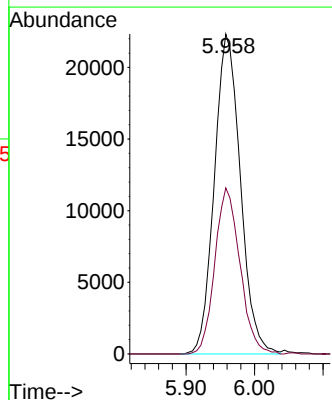
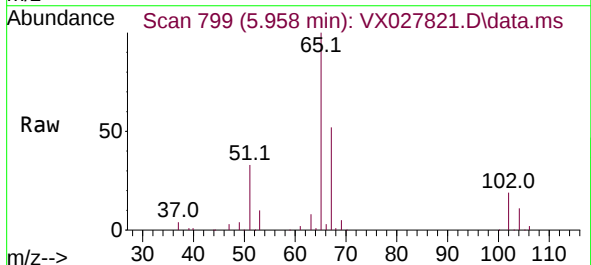
Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20220317DL

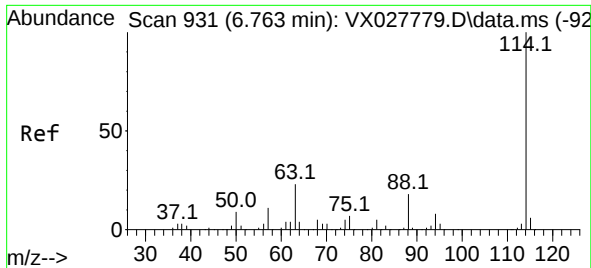
Tgt Ion: 56 Resp: 1767
Ion Ratio Lower Upper
56 100
69 160.1 26.7 40.1#
84 94.2 77.2 115.8



#33
1,2-Dichloroethane-d4
Concen: 57.427 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX027821.D
Acq: 30 Mar 2022 19:22

Tgt Ion: 65 Resp: 58941
Ion Ratio Lower Upper
65 100
67 50.0 0.0 107.4

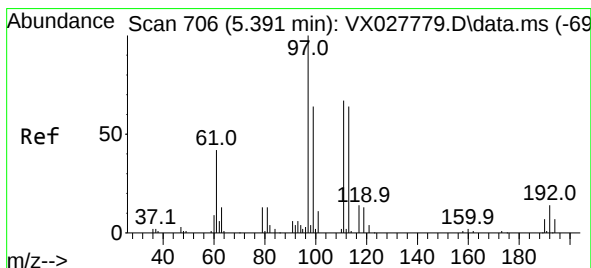
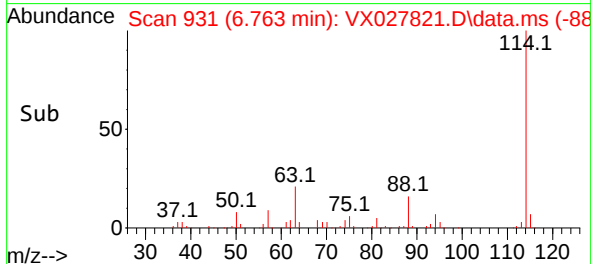
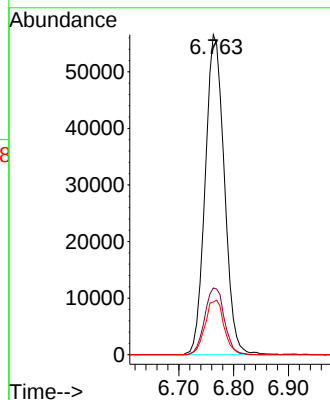
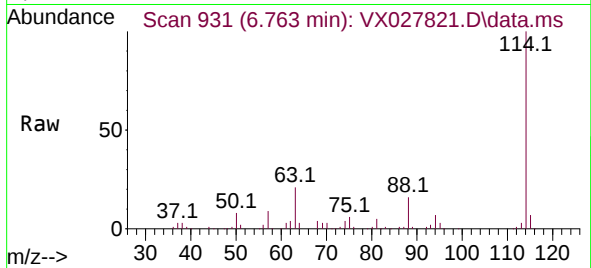




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX027821.D
Acq: 30 Mar 2022 19:22

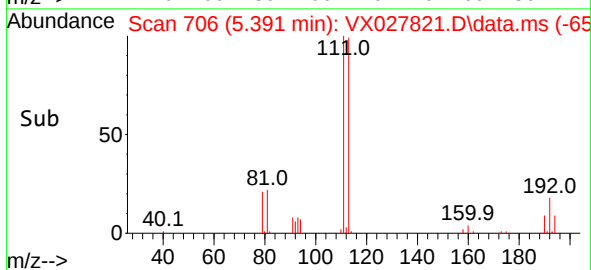
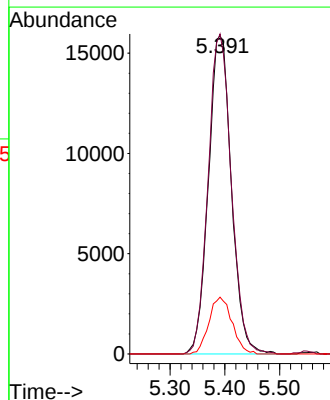
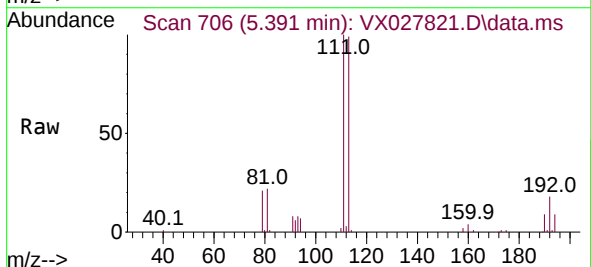
Instrument :
MSVOA_X
ClientSampleId :
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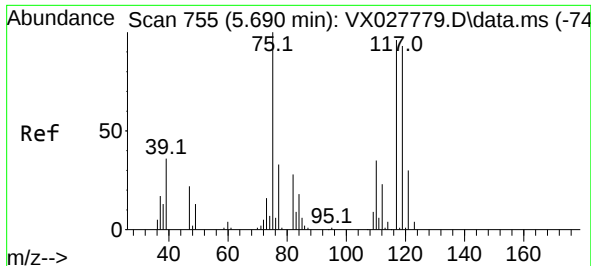
Tgt Ion:114 Resp: 136500
Ion Ratio Lower Upper
114 100
63 20.8 0.0 36.8
88 16.5 0.0 32.4



#35
Dibromofluoromethane
Concen: 52.400 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027821.D
Acq: 30 Mar 2022 19:22

Tgt Ion:113 Resp: 46168
Ion Ratio Lower Upper
113 100
111 101.5 82.8 124.2
192 18.0 16.9 25.3





#36

1,1-Dichloropropene

Concen: 6.002 ug/l

RT: 5.562 min Scan# 71

Delta R.T. -0.128 min

Lab File: VX027821.D

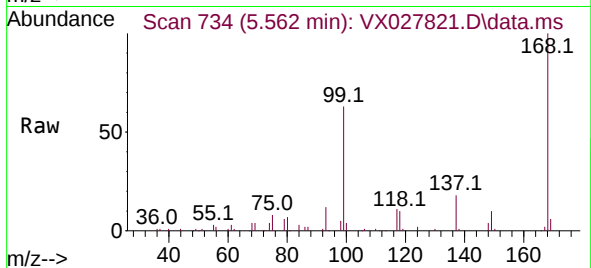
Acq: 30 Mar 2022 19:22

Instrument :

MSVOA_X

ClientSampleId :

RE103D1-20220317DL



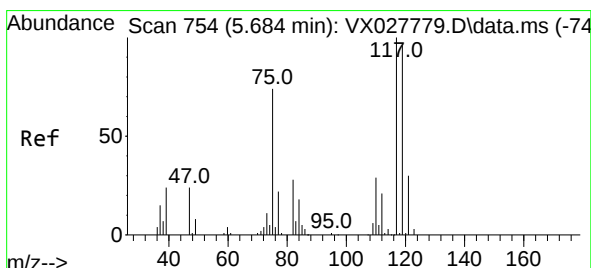
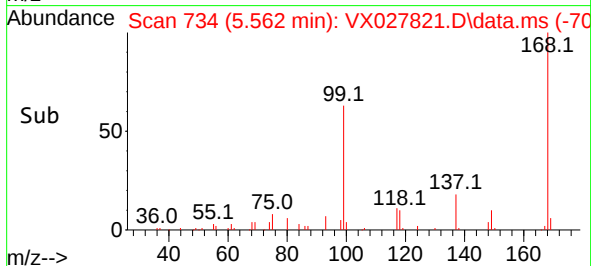
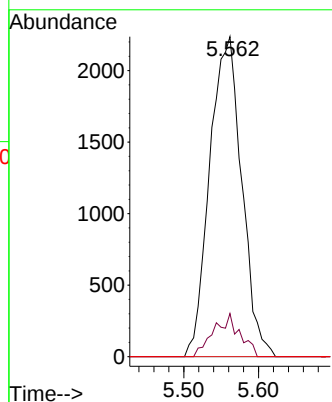
Tgt Ion: 75 Resp: 6661

Ion Ratio Lower Upper

75 100

110 10.9 18.3 54.8#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 6.887 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.122 min

Lab File: VX027821.D

Acq: 30 Mar 2022 19:22

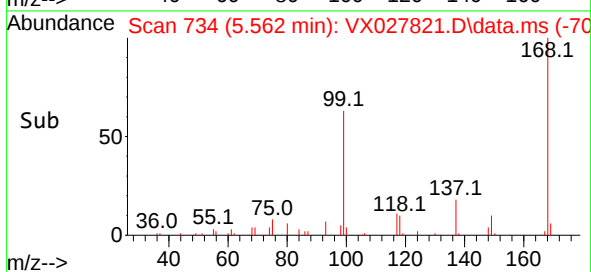
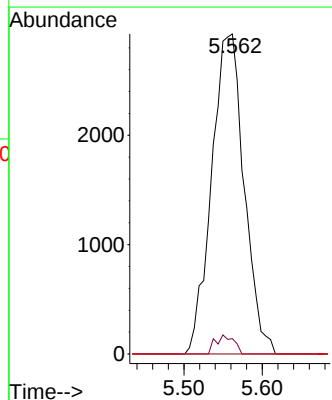
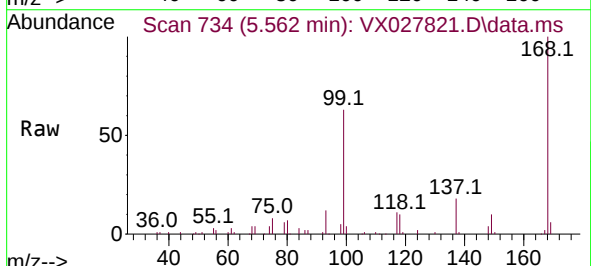
Tgt Ion: 117 Resp: 8444

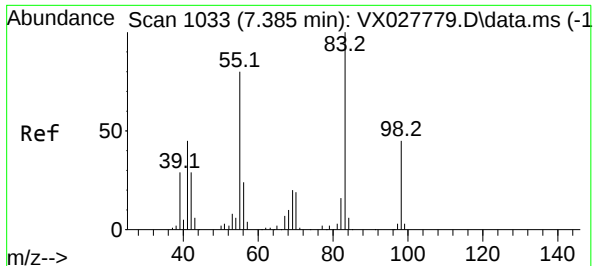
Ion Ratio Lower Upper

117 100

119 4.8 77.3 115.9#

121 0.0 24.2 36.2#





#39

Methylcyclohexane

Concen: 0.453 ug/l

RT: 7.135 min Scan# 992

Delta R.T. -0.250 min

Lab File: VX027821.D

Acq: 30 Mar 2022 19:22

Instrument :

MSVOA_X

ClientSampleId :

RE103D1-20220317DL

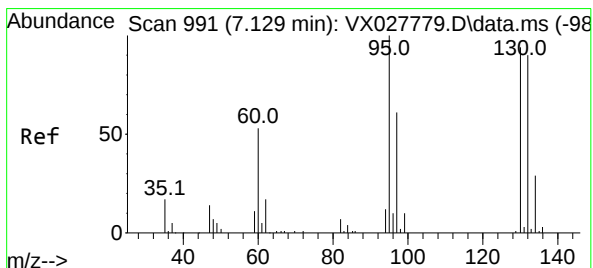
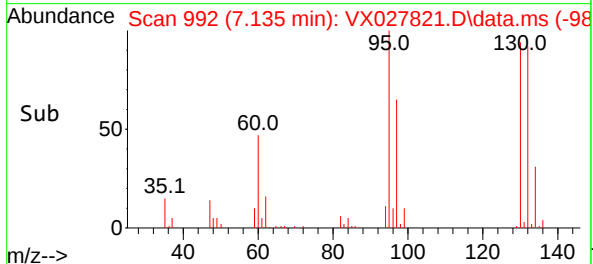
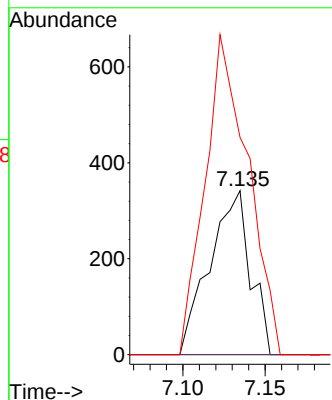
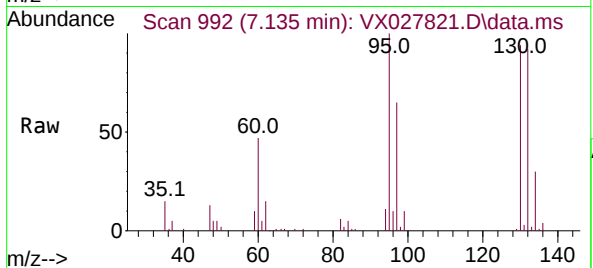
Tgt Ion: 83 Resp: 591

Ion Ratio Lower Upper

83 100

55 0.0 54.6 81.8#

98 132.5 37.4 56.2#



#44

Trichloroethene

Concen: 52.114 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX027821.D

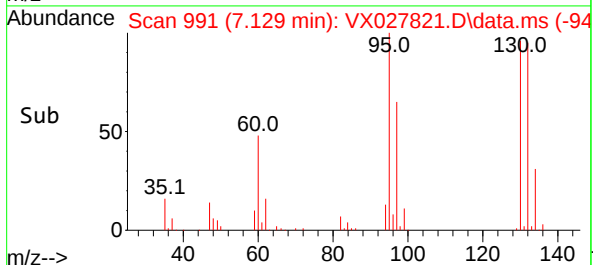
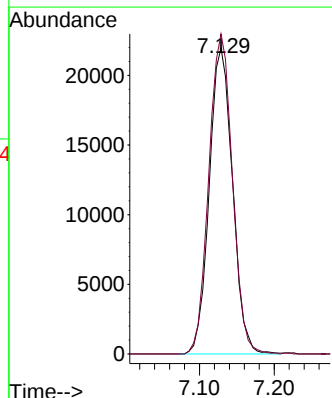
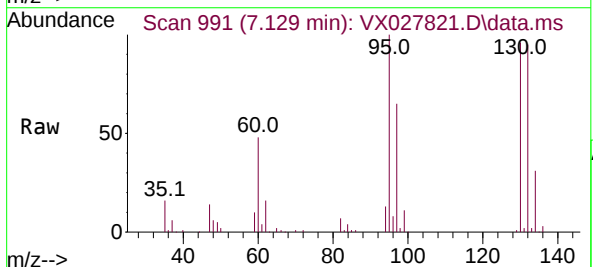
Acq: 30 Mar 2022 19:22

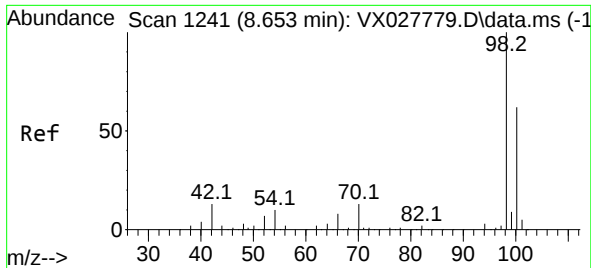
Tgt Ion:130 Resp: 47628

Ion Ratio Lower Upper

130 100

95 104.6 0.0 188.8

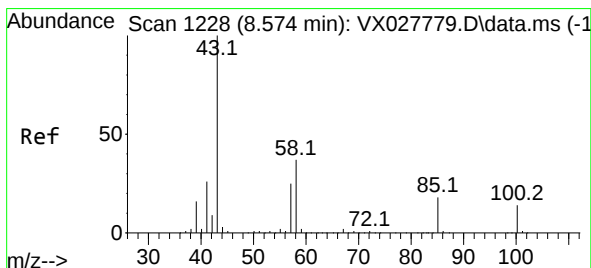
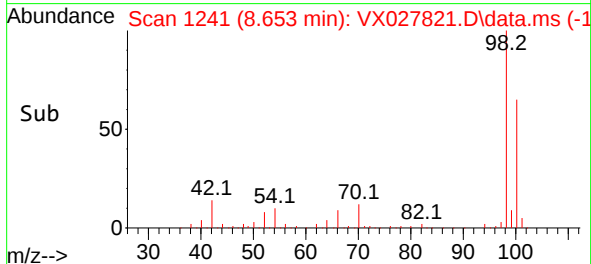
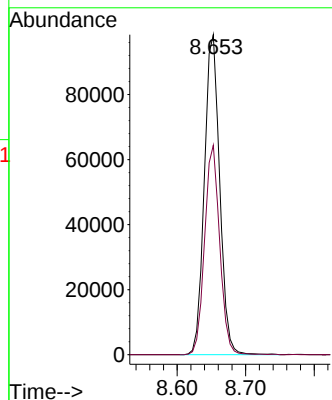
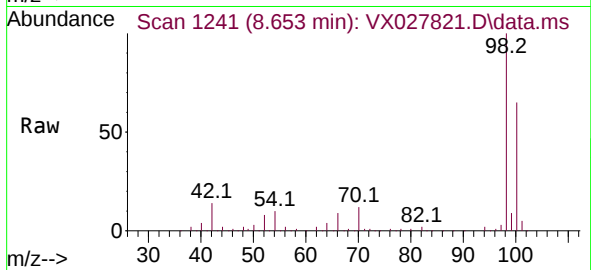




#50
Toluene-d8
Concen: 49.467 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX027821.D
Acq: 30 Mar 2022 19:22

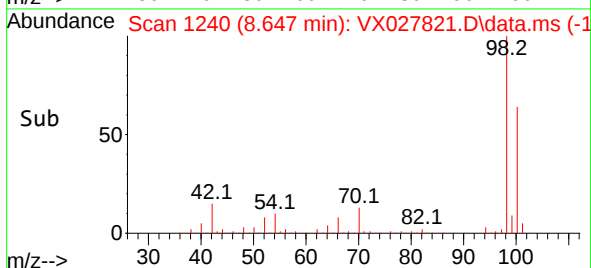
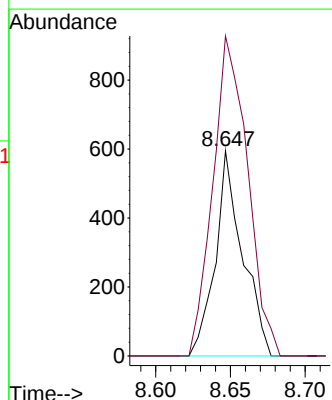
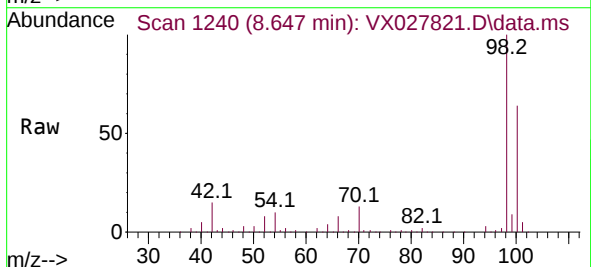
Instrument :
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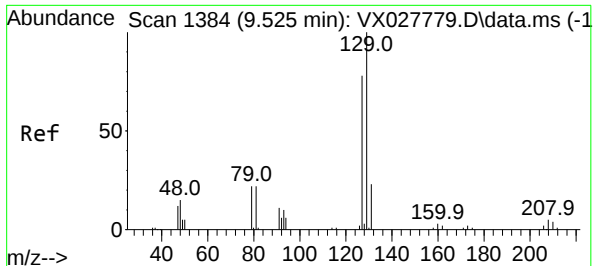
Tgt Ion: 98 Resp: 153349
Ion Ratio Lower Upper
98 100
100 64.3 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.491 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX027821.D
Acq: 30 Mar 2022 19:22

Tgt Ion: 43 Resp: 751
Ion Ratio Lower Upper
43 100
58 199.5 36.1 54.1#

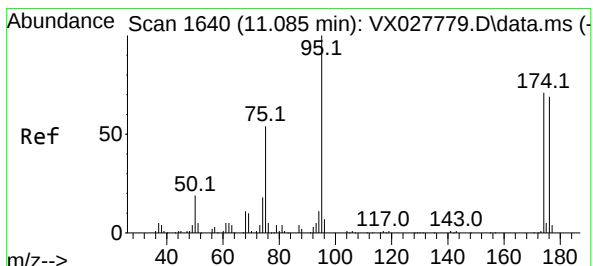
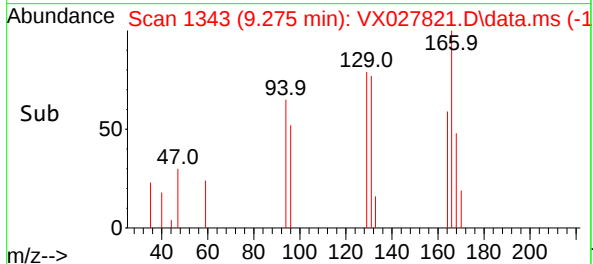
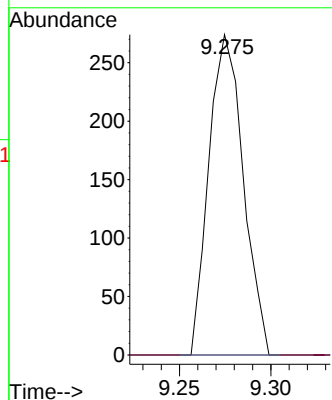
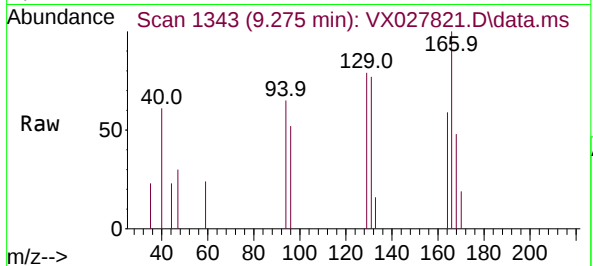




#60
Dibromochloromethane
Concen: 0.370 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX027821.D
Acq: 30 Mar 2022 19:22

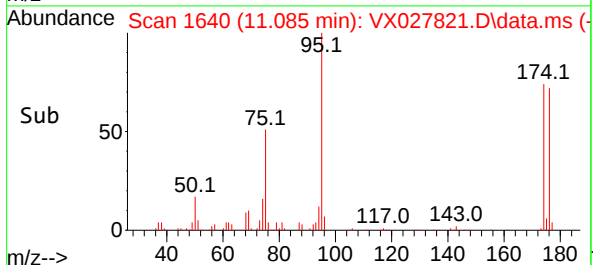
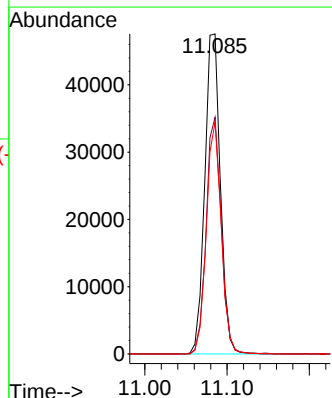
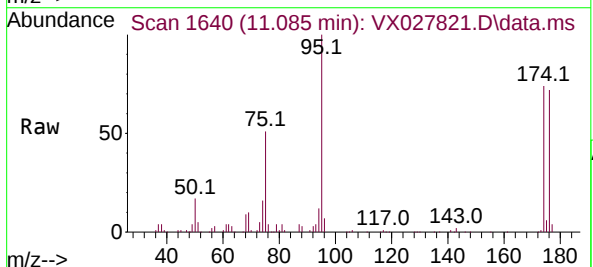
Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20220317DL

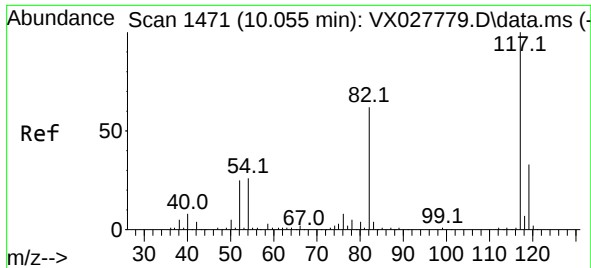
Tgt Ion:129 Resp: 360
Ion Ratio Lower Upper
129 100
127 0.0 40.3 120.8#



#62
4-Bromofluorobenzene
Concen: 47.674 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX027821.D
Acq: 30 Mar 2022 19:22

Tgt Ion: 95 Resp: 62805
Ion Ratio Lower Upper
95 100
174 71.4 0.0 163.0
176 68.8 0.0 155.0

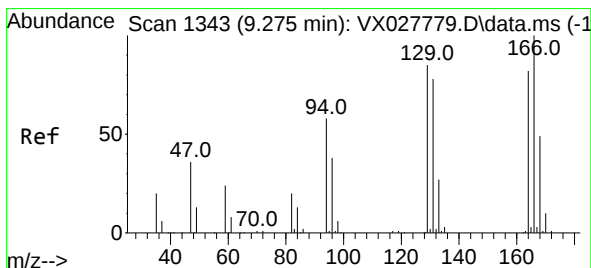
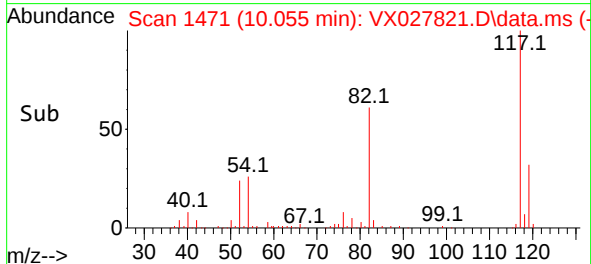
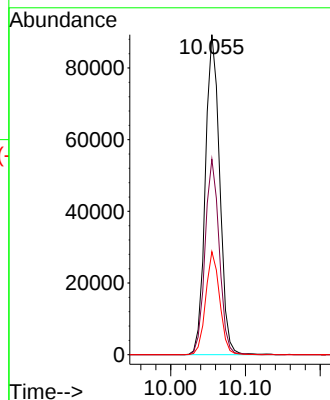
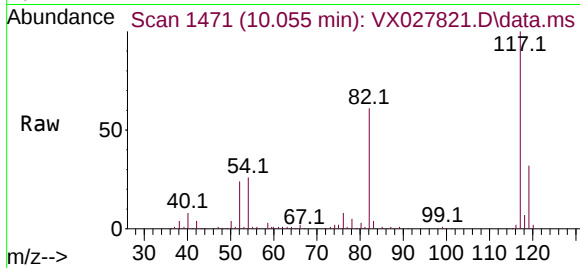




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX027821.D
Acq: 30 Mar 2022 19:22

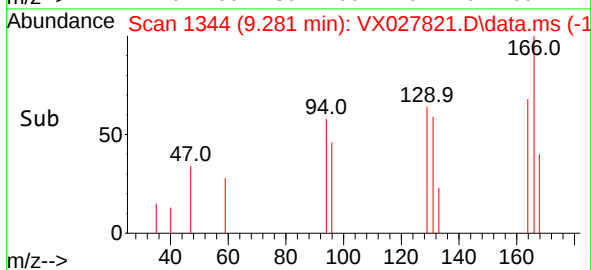
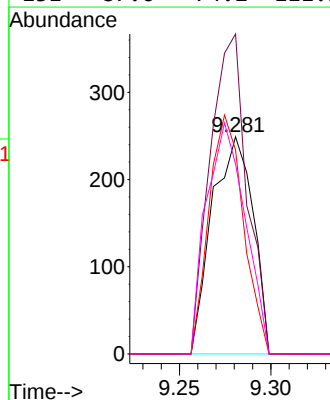
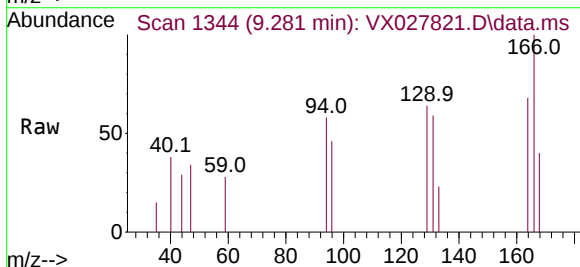
Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20220317DL

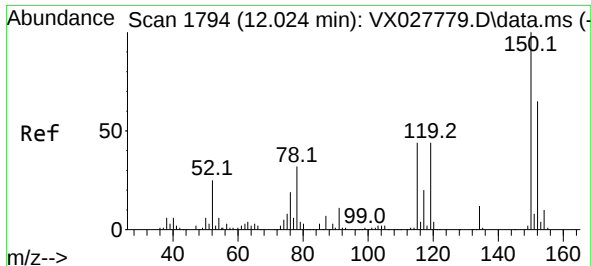
Tgt Ion:117 Resp: 119068
Ion Ratio Lower Upper
117 100
82 61.1 41.8 62.8
119 32.2 24.8 37.2



#64
Tetrachloroethene
Concen: 0.479 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX027821.D
Acq: 30 Mar 2022 19:22

Tgt Ion:164 Resp: 387
Ion Ratio Lower Upper
164 100
166 147.4 101.2 151.8
129 94.0 73.0 109.4
131 87.6 74.2 111.2

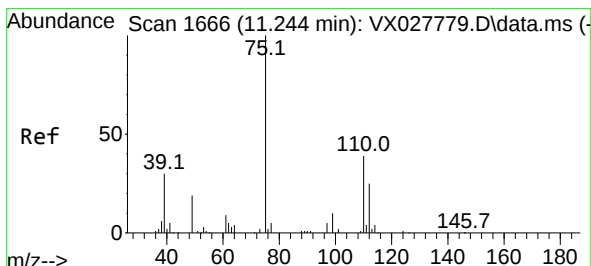
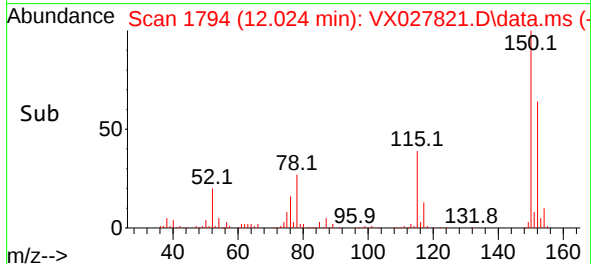
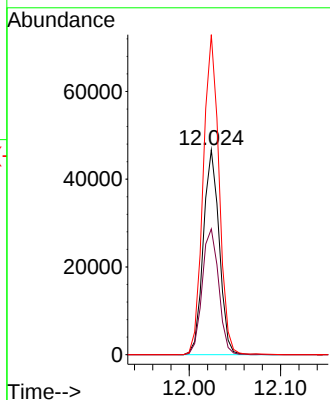
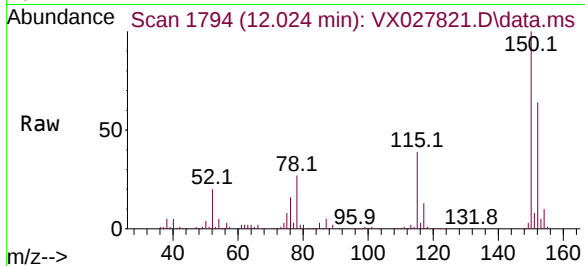




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027821.D
Acq: 30 Mar 2022 19:22

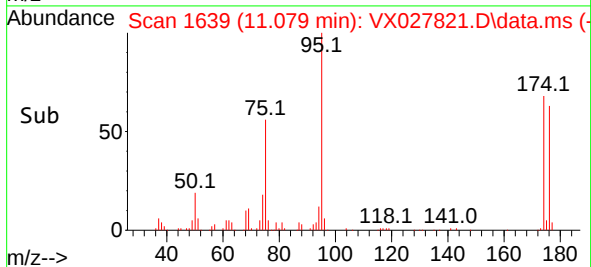
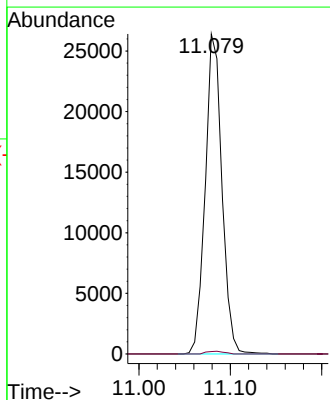
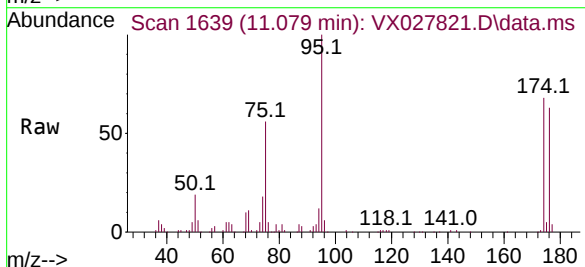
Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20220317DL

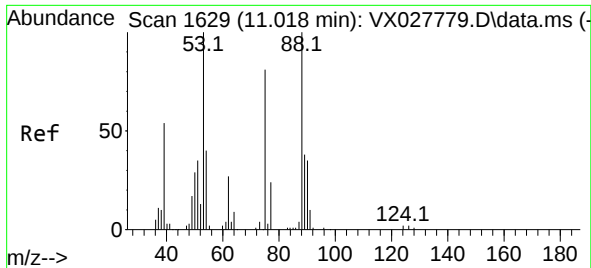
Tgt Ion:152 Resp: 56108
Ion Ratio Lower Upper
152 100
115 63.6 37.5 112.7
150 156.3 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 25.387 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027821.D
Acq: 30 Mar 2022 19:22

Tgt Ion: 75 Resp: 33415
Ion Ratio Lower Upper
75 100
77 0.9 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.486 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX027821.D
 Acq: 30 Mar 2022 19:22

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D1-20220317DL

Tgt Ion: 75 Resp: 33415
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

