

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040422\
 Data File : VX027955.D
 Acq On : 04 Apr 2022 14:15
 Operator : JC/MD
 Sample : N2249-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 05 05:49:13 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)

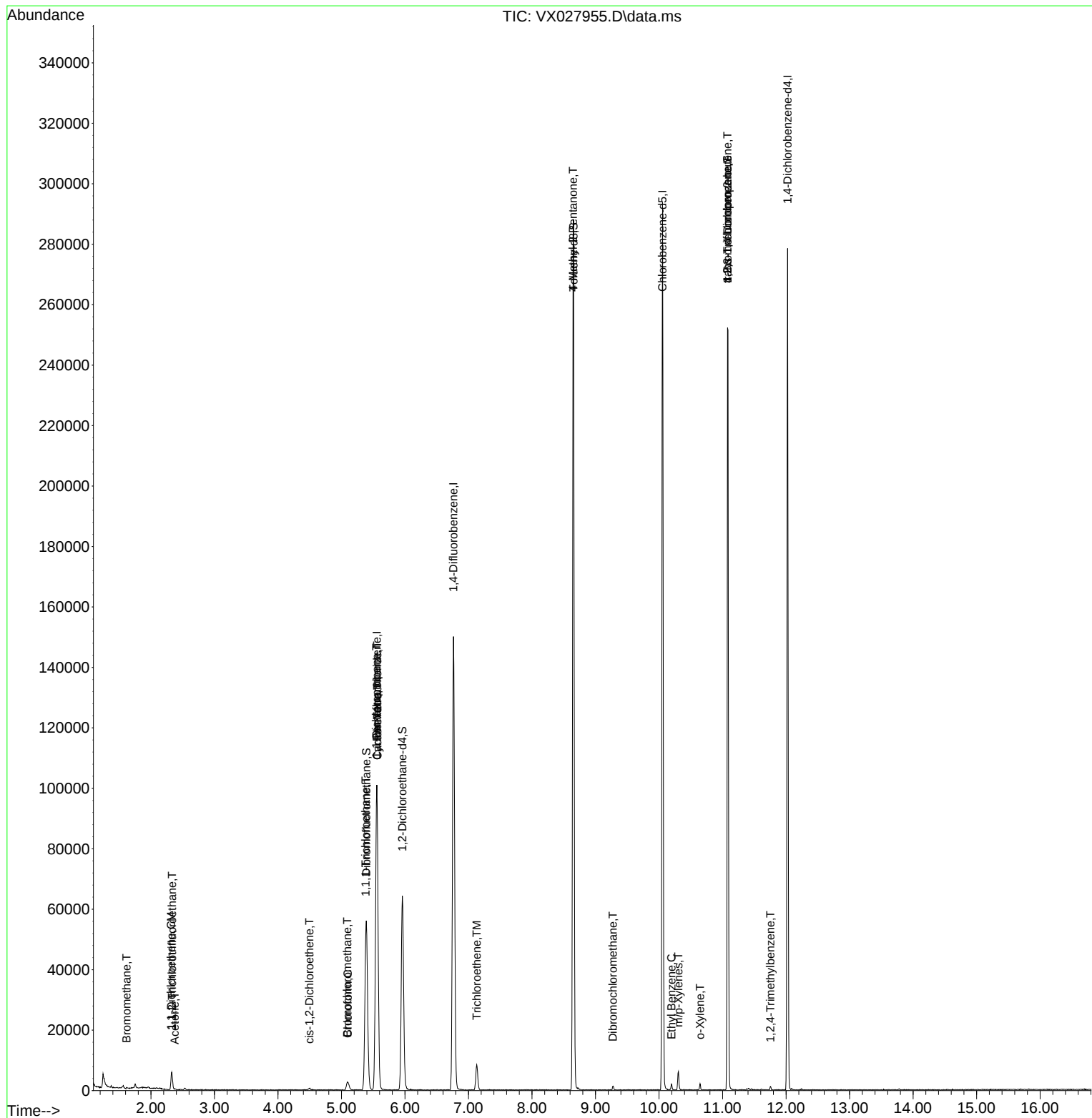
Internal Standards						
1) Pentafluorobenzene	5.556	168	88333	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	145665	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	126032	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	53066	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	64731	56.795	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	113.580%
35) Dibromofluoromethane	5.391	113	48665	51.758	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	103.520%
50) Toluene-d8	8.653	98	170599	51.569	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	103.140%
62) 4-Bromofluorobenzene	11.079	95	70262	49.978	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	99.960%
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	68	0.208	ug/l	# 25
9) 1,1,2-Trichlorotrifluo...	2.330	101	1169	1.413	ug/l	98
12) 1,1-Dichloroethene	2.318	96	1391	1.833	ug/l	# 77
16) Acetone	2.373	43	467	0.926	ug/l	# 73
27) cis-1,2-Dichloroethene	4.495	96	367	0.369	ug/l	75
28) Bromochloromethane	5.092	49	219	0.324	ug/l	# 7
30) Chloroform	5.098	83	3357	1.922	ug/l	# 78
31) Cyclohexane	5.562	56	2143	1.701	ug/l	# 22
32) 1,1,1-Trichloroethane	5.379	97	404	0.267	ug/l	# 24
36) 1,1-Dichloropropene	5.549	75	7735	6.532	ug/l	# 49
38) Carbon Tetrachloride	5.562	117	10051	7.682	ug/l	# 17
44) Trichloroethene	7.128	130	3306	3.390	ug/l	85
51) 4-Methyl-2-Pentanone	8.646	43	706	0.433	ug/l	# 1
60) Dibromochloromethane	9.274	129	234	0.225	ug/l	# 9
67) Ethyl Benzene	10.195	91	1353	0.300	ug/l	95
68) m/p-Xylenes	10.305	106	1629	0.983	ug/l	97
69) o-Xylene	10.646	106	465	0.287	ug/l	76
76) 1,2,3-Trichloropropane	11.079	75	38428	30.870	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	38428	89.816	ug/l	# 15
84) 1,2,4-Trimethylbenzene	11.756	105	736	0.215	ug/l	96

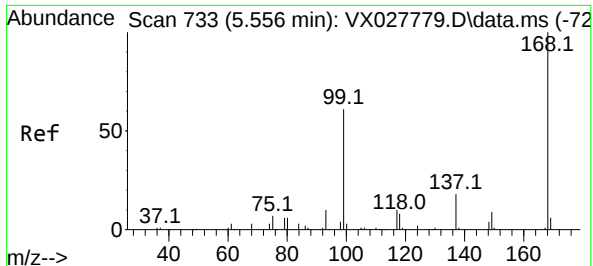
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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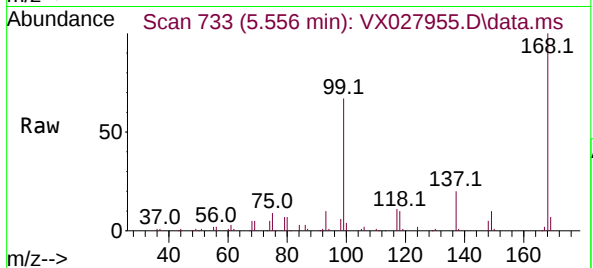


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027955.D
Acq: 04 Apr 2022 14:15

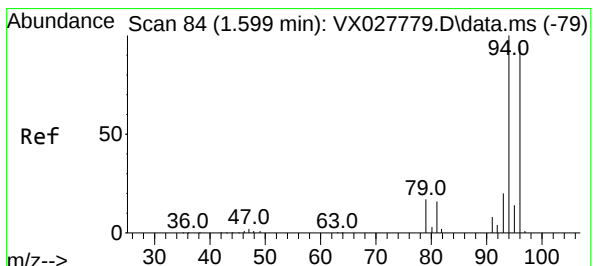
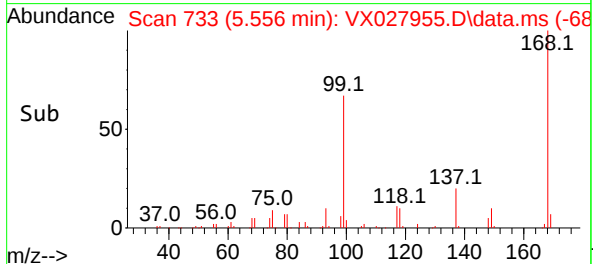
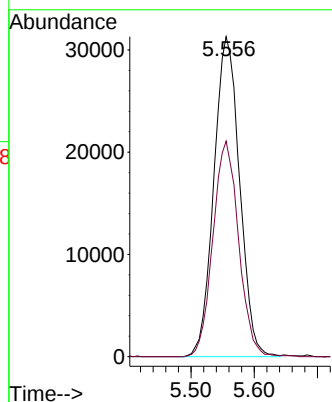
Instrument :

MSVOA_X

ClientSampleId :

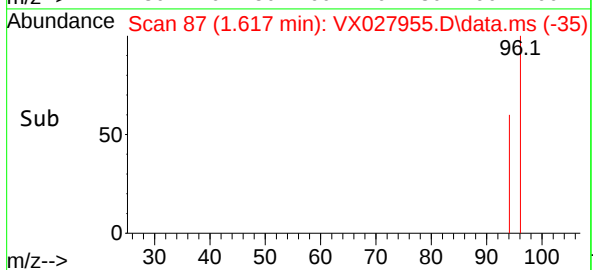
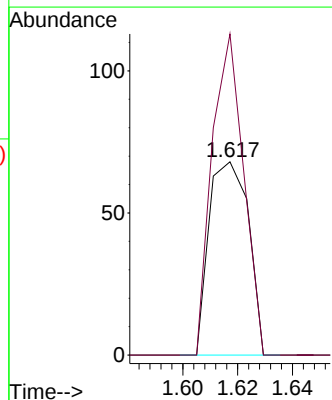
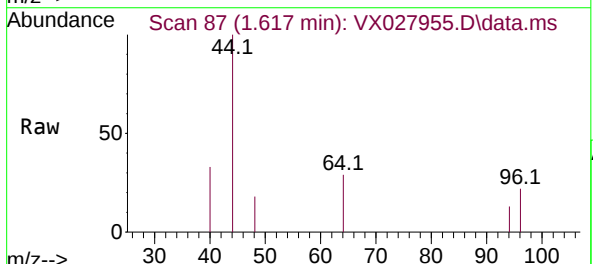


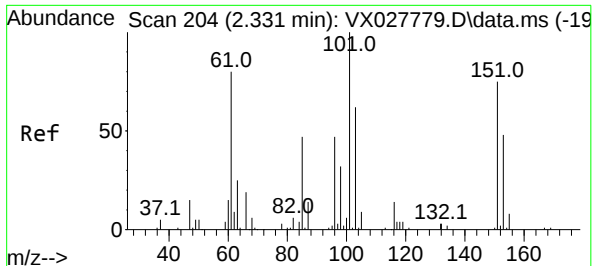
Tgt Ion:168 Resp: 88333
Ion Ratio Lower Upper
168 100
99 67.4 41.7 62.5#



#5
Bromomethane
Concen: 0.208 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX027955.D
Acq: 04 Apr 2022 14:15

Tgt Ion: 94 Resp: 68
Ion Ratio Lower Upper
94 100
96 166.2 75.3 112.9#

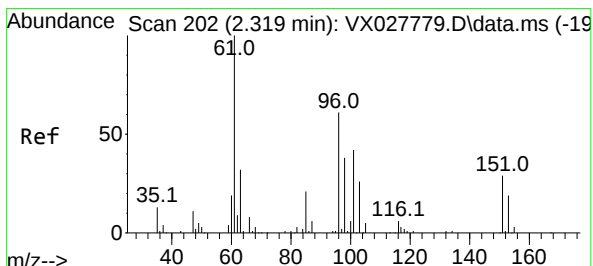
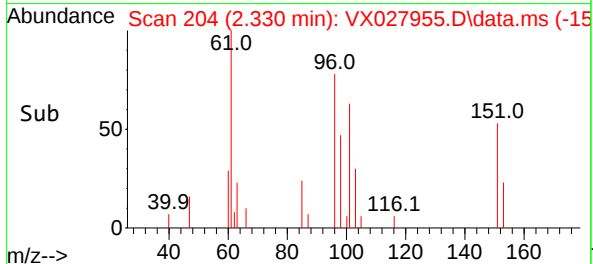
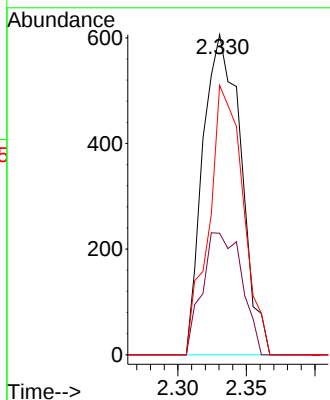
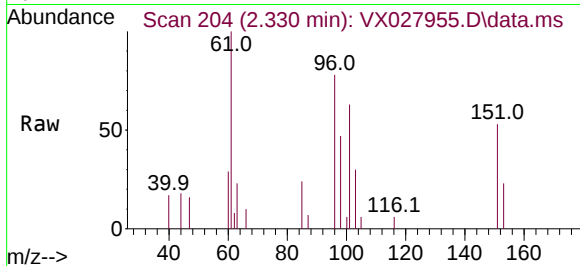




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 1.413 ug/l
 RT: 2.330 min Scan# 204
 Delta R.T. -0.001 min
 Lab File: VX027955.D
 Acq: 04 Apr 2022 14:15

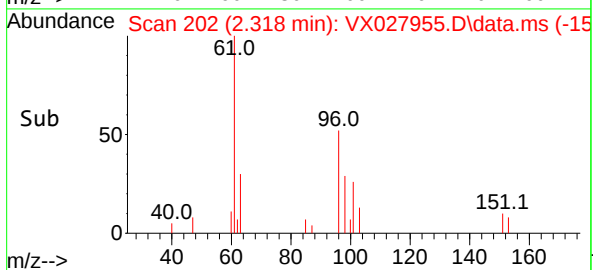
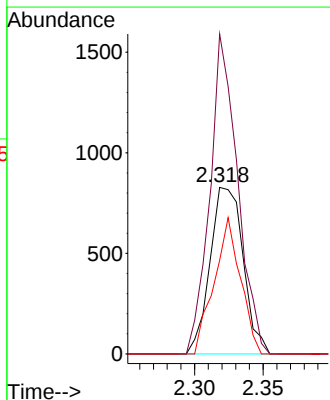
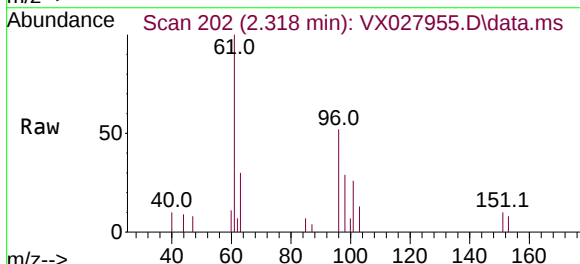
Instrument :
 MSVOA_X
 ClientSampleId :

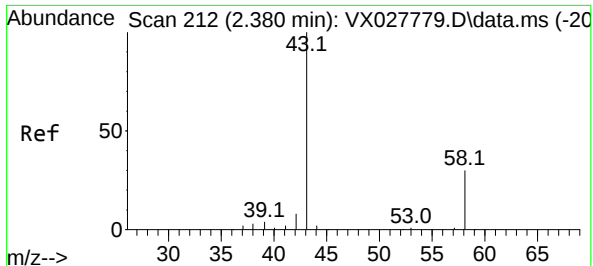
Tgt Ion:101 Resp: 1169
 Ion Ratio Lower Upper
 101 100
 85 39.6 33.5 50.3
 151 76.0 61.8 92.6



#12
 1,1-Dichloroethene
 Concen: 1.833 ug/l
 RT: 2.318 min Scan# 202
 Delta R.T. -0.001 min
 Lab File: VX027955.D
 Acq: 04 Apr 2022 14:15

Tgt Ion: 96 Resp: 1391
 Ion Ratio Lower Upper
 96 100
 61 192.1 124.6 187.0#
 98 56.2 51.0 76.4

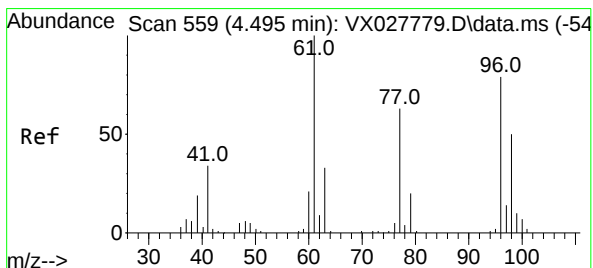
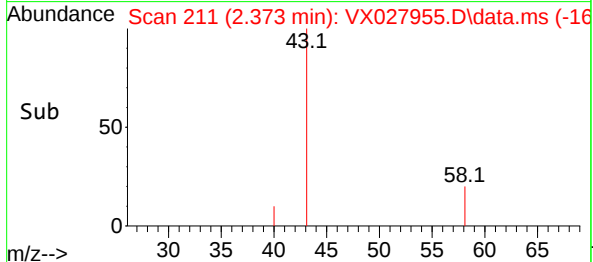
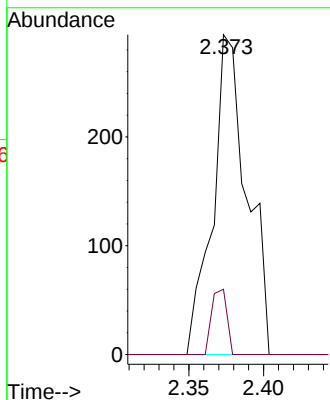
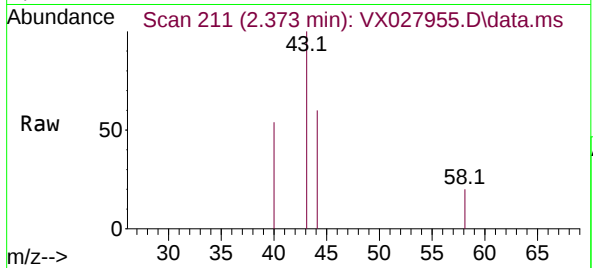




#16
Acetone
Concen: 0.926 ug/l
RT: 2.373 min Scan# 21
Delta R.T. -0.007 min
Lab File: VX027955.D
Acq: 04 Apr 2022 14:15

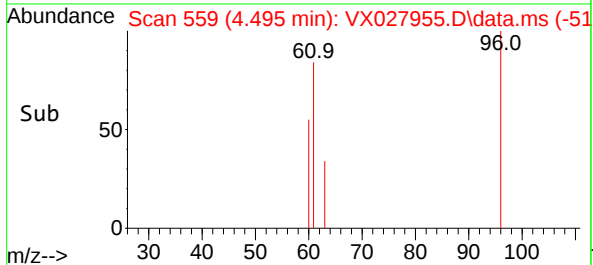
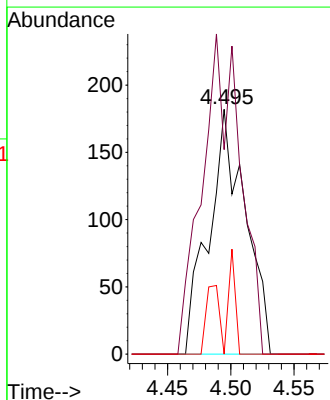
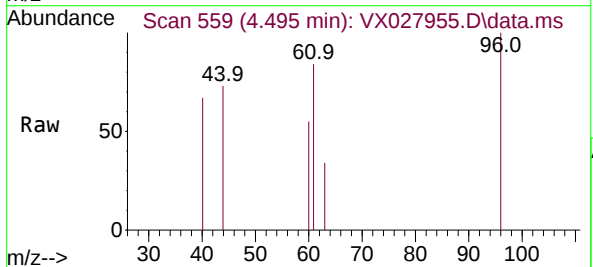
Instrument :
MSVOA_X
ClientSampleId :

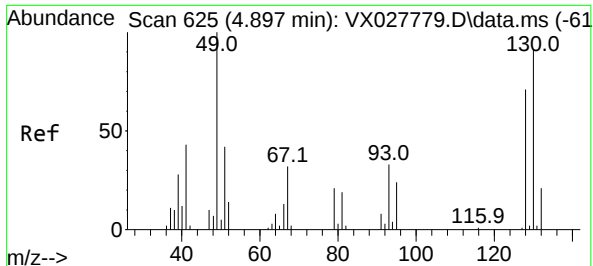
Tgt Ion: 43 Resp: 467
Ion Ratio Lower Upper
43 100
58 20.4 28.8 43.2#



#27
cis-1,2-Dichloroethene
Concen: 0.369 ug/l
RT: 4.495 min Scan# 559
Delta R.T. -0.000 min
Lab File: VX027955.D
Acq: 04 Apr 2022 14:15

Tgt Ion: 96 Resp: 367
Ion Ratio Lower Upper
96 100
61 136.2 0.0 283.8
98 10.1 0.0 129.8

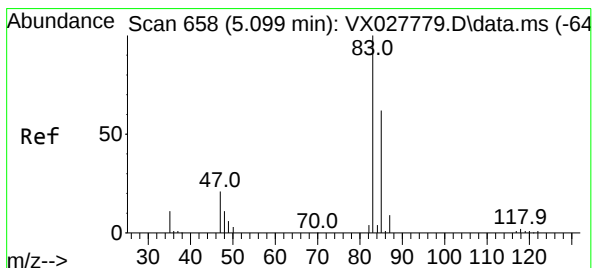
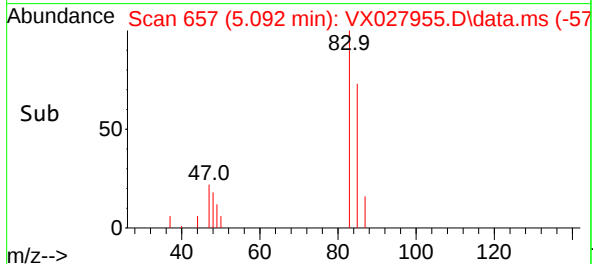
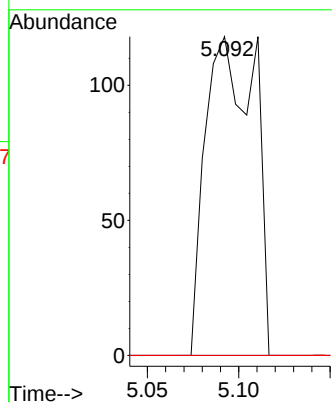
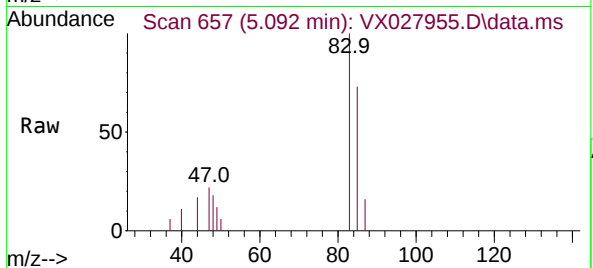




#28
Bromochloromethane
Concen: 0.324 ug/l
RT: 5.092 min Scan# 61
Delta R.T. 0.195 min
Lab File: VX027955.D
Acq: 04 Apr 2022 14:15

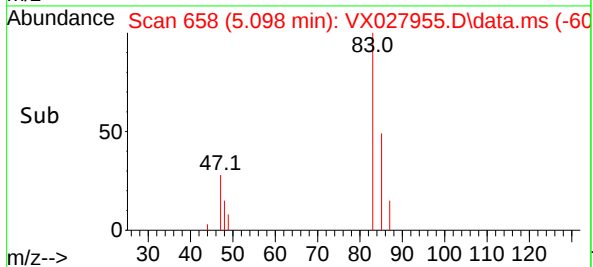
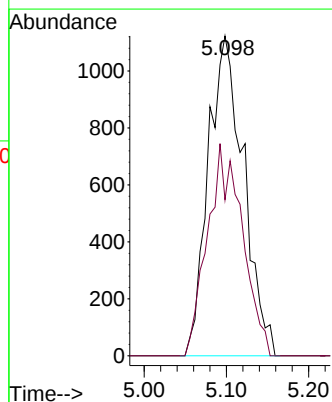
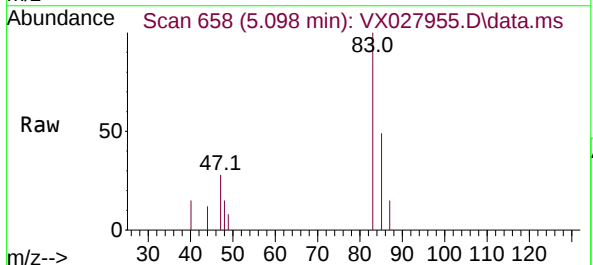
Instrument :
MSVOA_X
ClientSampleId :

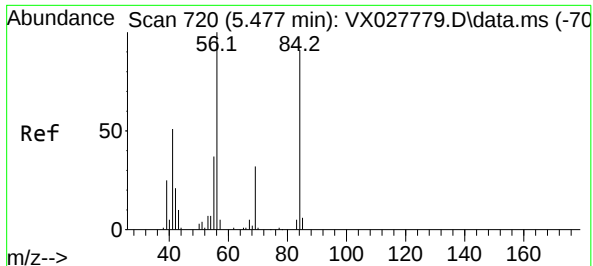
Tgt Ion: 49 Resp: 219
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.4
130 0.0 70.7 106.1#



#30
Chloroform
Concen: 1.922 ug/l
RT: 5.098 min Scan# 658
Delta R.T. -0.001 min
Lab File: VX027955.D
Acq: 04 Apr 2022 14:15

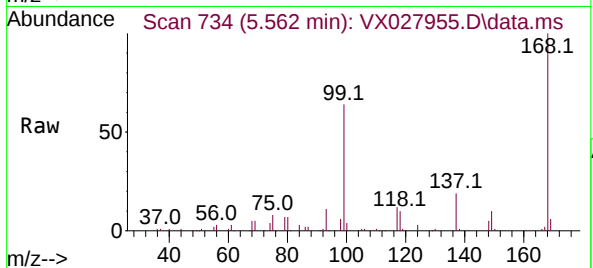
Tgt Ion: 83 Resp: 3357
Ion Ratio Lower Upper
83 100
85 48.8 52.7 79.1#



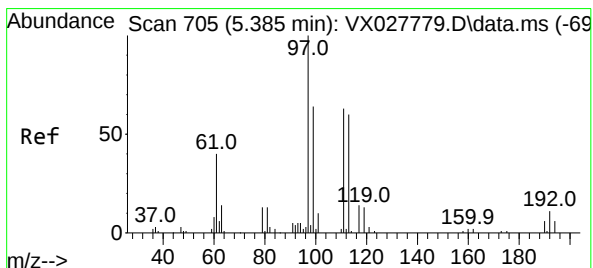
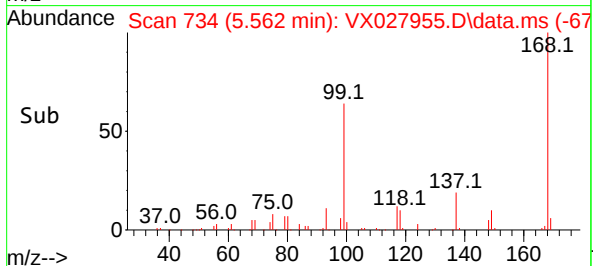
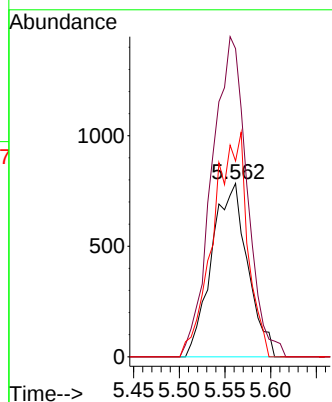


#31
Cyclohexane
Concen: 1.701 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.085 min
Lab File: VX027955.D
Acq: 04 Apr 2022 14:15

Instrument :
MSVOA_X
ClientSampleId :

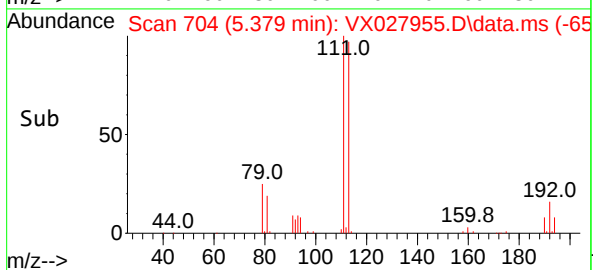
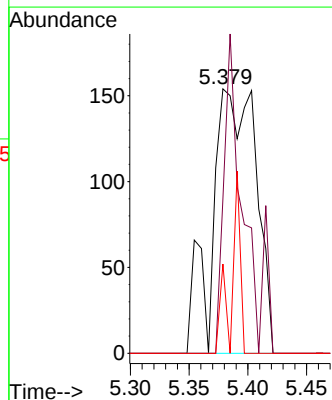
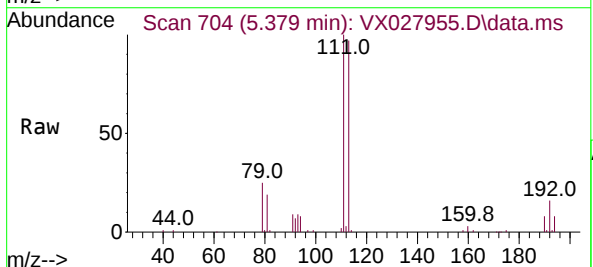


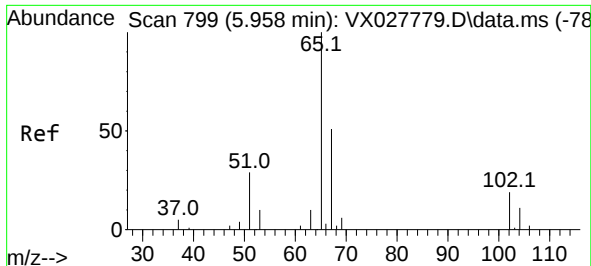
Tgt Ion: 56 Resp: 2143
Ion Ratio Lower Upper
56 100
69 177.8 26.7 40.1#
84 113.0 77.2 115.8



#32
1,1,1-Trichloroethane
Concen: 0.267 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX027955.D
Acq: 04 Apr 2022 14:15

Tgt Ion: 97 Resp: 404
Ion Ratio Lower Upper
97 100
99 0.0 51.8 77.6#
61 0.0 34.0 51.0#





#33

1,2-Dichloroethane-d4

Concen: 56.795 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX027955.D

Acq: 04 Apr 2022 14:15

Instrument :

MSVOA_X

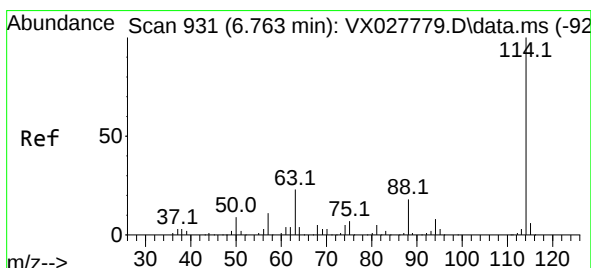
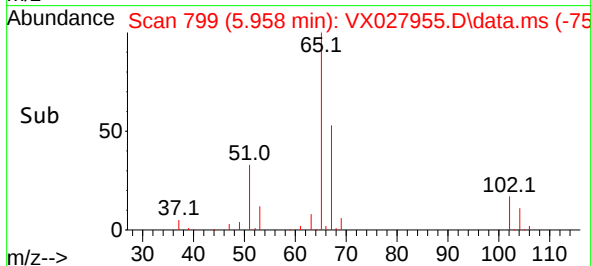
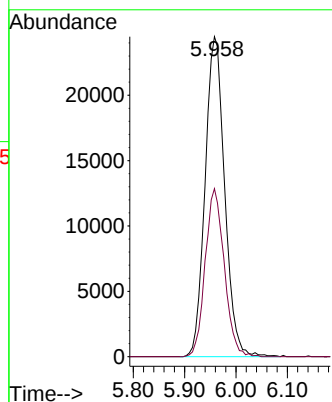
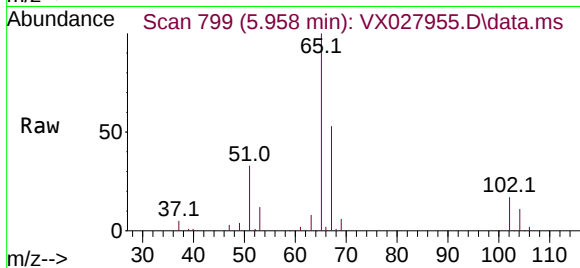
ClientSampleId :

Tgt Ion: 65 Resp: 64731

Ion Ratio Lower Upper

65 100

67 51.2 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX027955.D

Acq: 04 Apr 2022 14:15

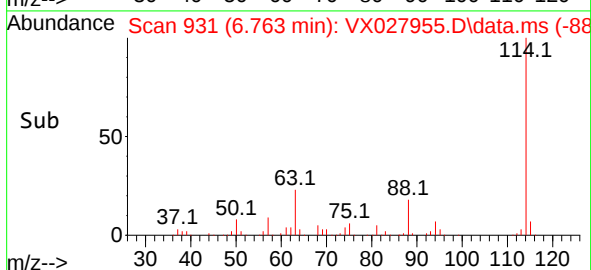
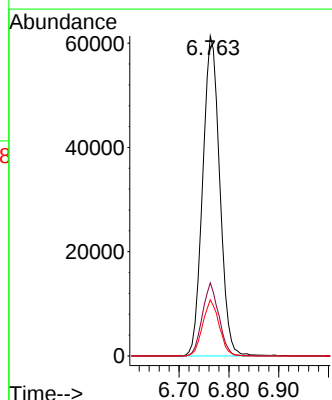
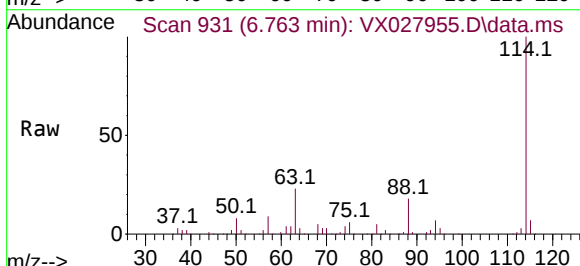
Tgt Ion: 114 Resp: 145665

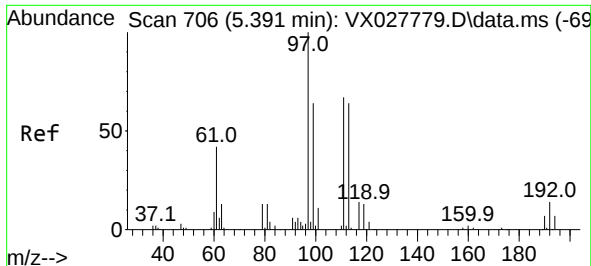
Ion Ratio Lower Upper

114 100

63 22.8 0.0 36.8

88 17.6 0.0 32.4





#35

Dibromofluoromethane

Concen: 51.758 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

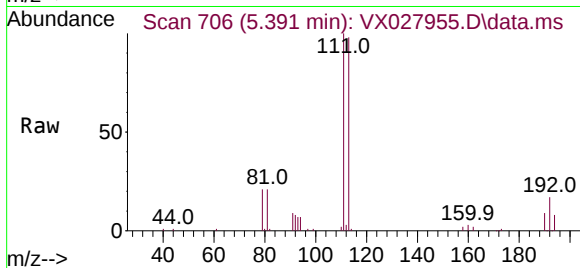
Lab File: VX027955.D

Acq: 04 Apr 2022 14:15

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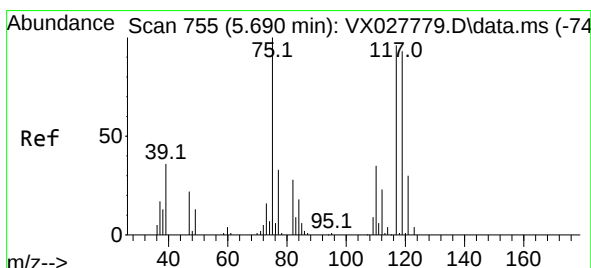
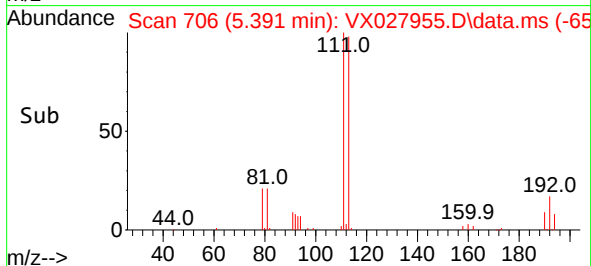
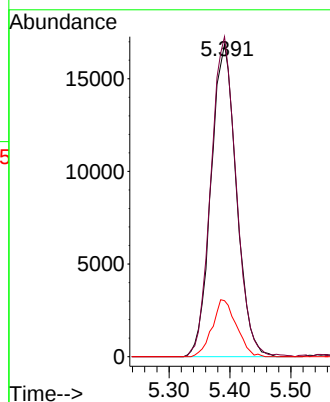
Tgt Ion:113 Resp: 48665

Ion Ratio Lower Upper

113 100

111 102.4 82.8 124.2

192 17.4 16.9 25.3



#36

1,1-Dichloropropene

Concen: 6.532 ug/l

RT: 5.549 min Scan# 732

Delta R.T. -0.141 min

Lab File: VX027955.D

Acq: 04 Apr 2022 14:15

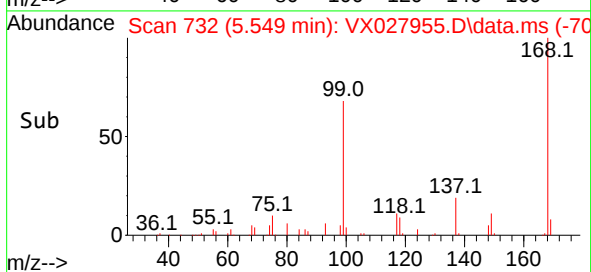
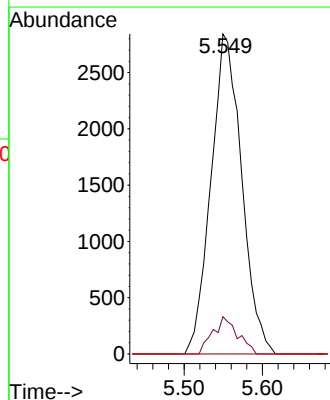
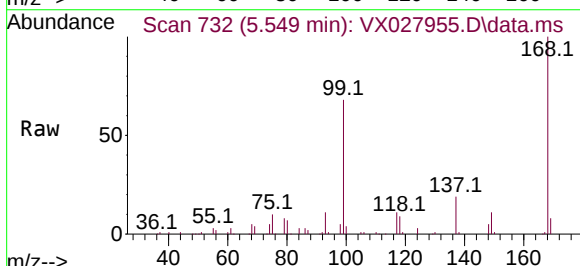
Tgt Ion: 75 Resp: 7735

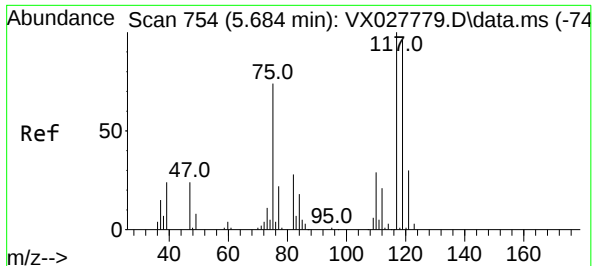
Ion Ratio Lower Upper

75 100

110 9.4 18.3 54.8#

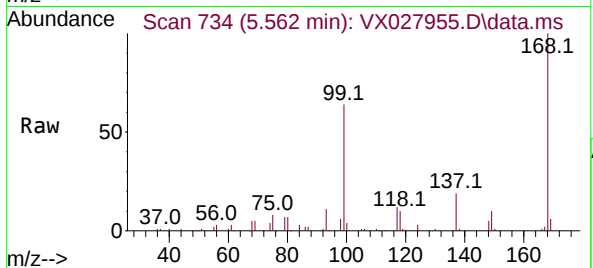
77 0.0 24.8 37.2#



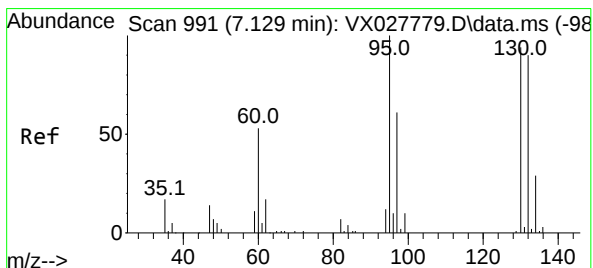
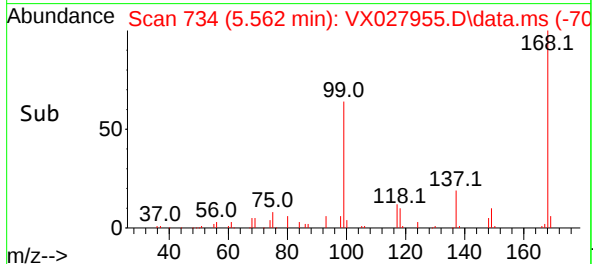
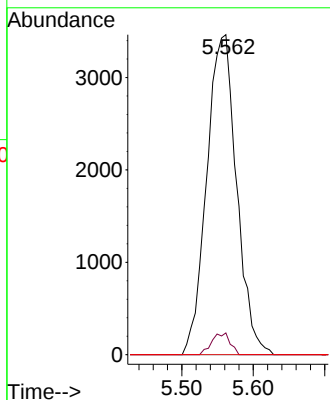


#38
Carbon Tetrachloride
Concen: 7.682 ug/l
RT: 5.562 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX027955.D
Acq: 04 Apr 2022 14:15

Instrument :
MSVOA_X
ClientSampleId :

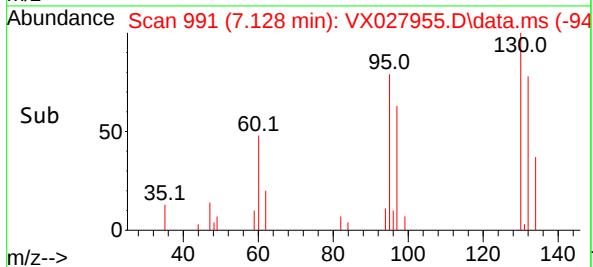
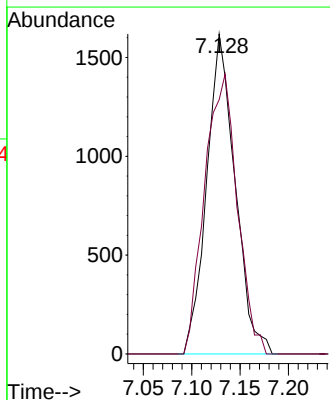
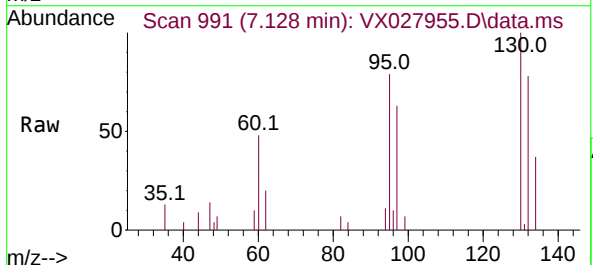


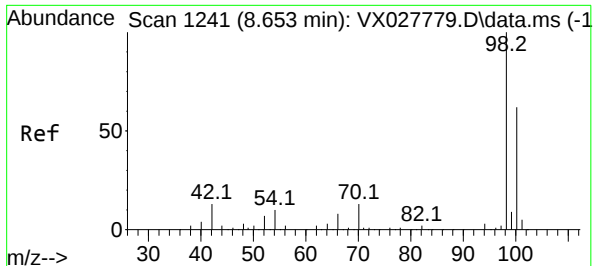
Tgt Ion:117 Resp: 10051
Ion Ratio Lower Upper
117 100
119 6.8 77.3 115.9#
121 0.0 24.2 36.2#



#44
Trichloroethene
Concen: 3.390 ug/l
RT: 7.128 min Scan# 991
Delta R.T. -0.001 min
Lab File: VX027955.D
Acq: 04 Apr 2022 14:15

Tgt Ion:130 Resp: 3306
Ion Ratio Lower Upper
130 100
95 79.4 0.0 188.8





#50

Toluene-d8

Concen: 51.569 ug/l

RT: 8.653 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX027955.D

Acq: 04 Apr 2022 14:15

Instrument :

MSVOA_X

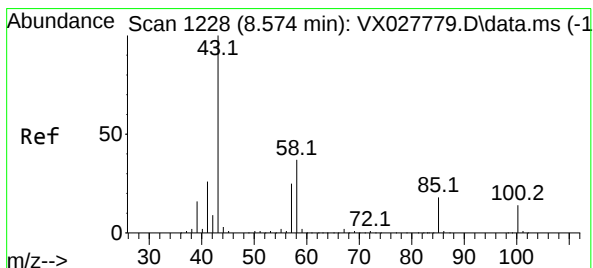
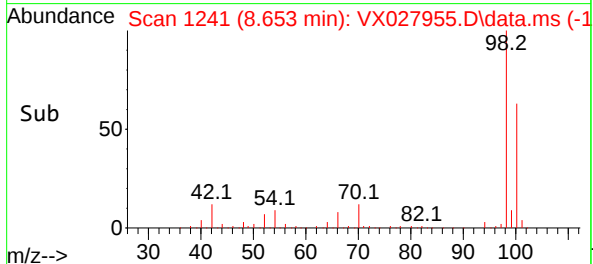
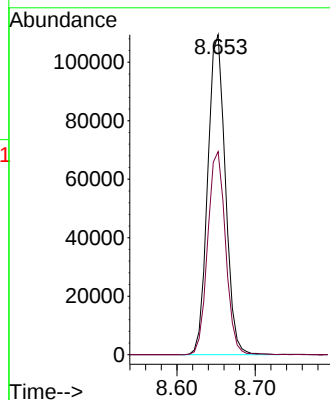
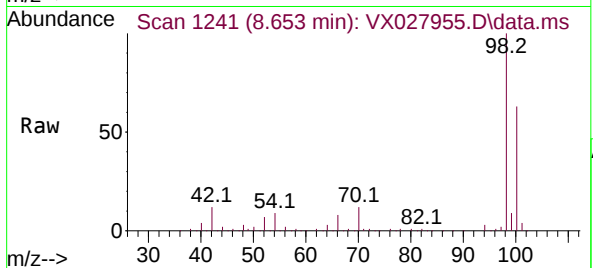
ClientSampleId :

Tgt Ion: 98 Resp: 170599

Ion Ratio Lower Upper

98 100

100 64.3 52.6 78.8



#51

4-Methyl-2-Pentanone

Concen: 0.433 ug/l

RT: 8.646 min Scan# 1240

Delta R.T. 0.072 min

Lab File: VX027955.D

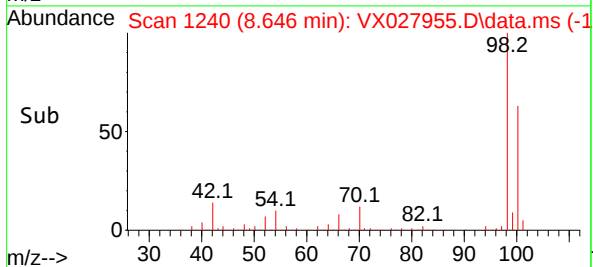
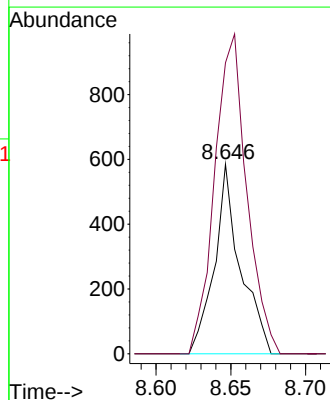
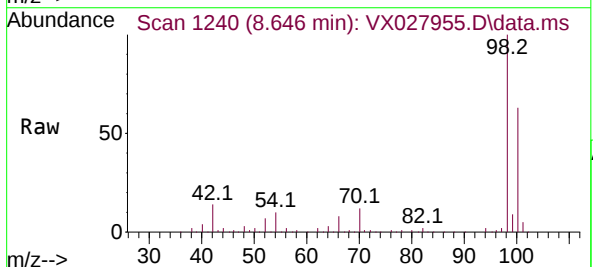
Acq: 04 Apr 2022 14:15

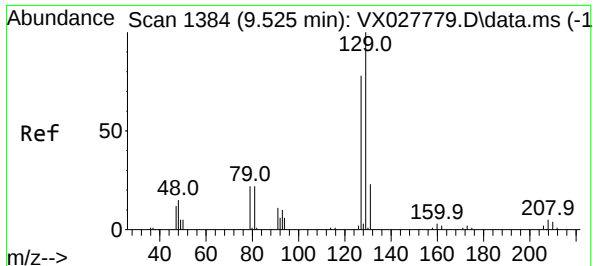
Tgt Ion: 43 Resp: 706

Ion Ratio Lower Upper

43 100

58 208.6 36.1 54.1#

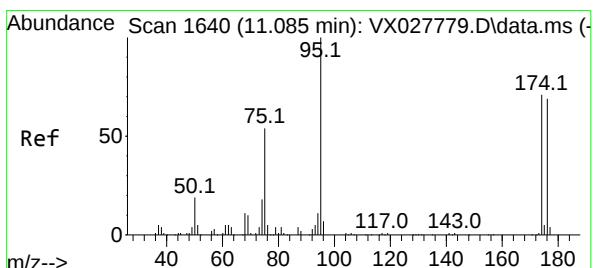
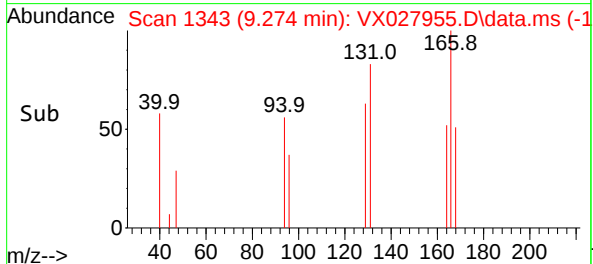
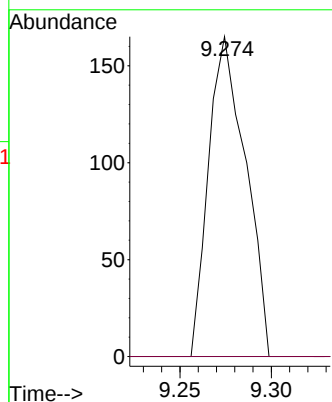
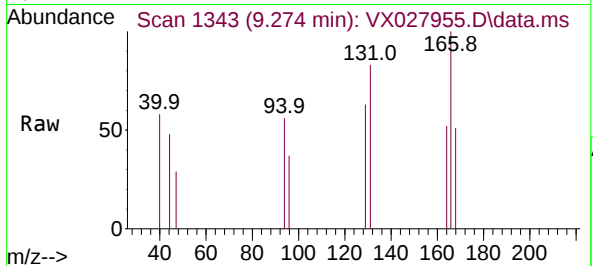




#60
Dibromochloromethane
Concen: 0.225 ug/l
RT: 9.274 min Scan# 11
Delta R.T. -0.251 min
Lab File: VX027955.D
Acq: 04 Apr 2022 14:15

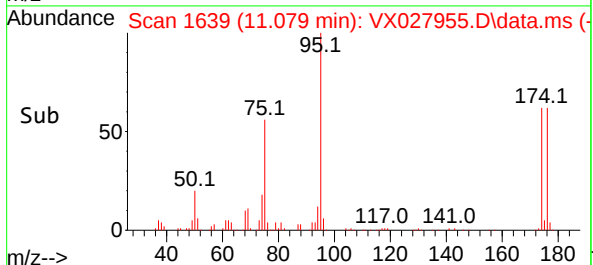
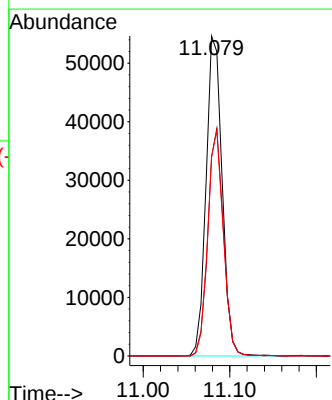
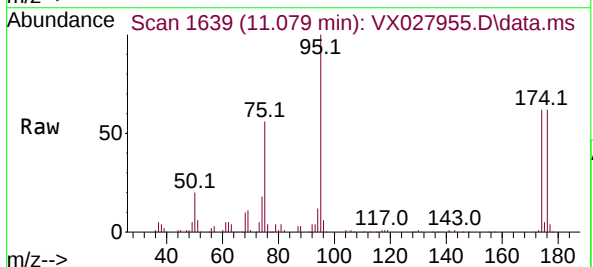
Instrument :
MSVOA_X
ClientSampleId :

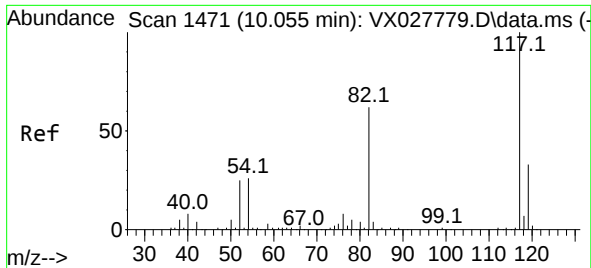
Tgt Ion:129 Resp: 234
Ion Ratio Lower Upper
129 100
127 0.0 40.3 120.8#



#62
4-Bromofluorobenzene
Concen: 49.978 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX027955.D
Acq: 04 Apr 2022 14:15

Tgt Ion: 95 Resp: 70262
Ion Ratio Lower Upper
95 100
174 69.0 0.0 163.0
176 68.4 0.0 155.0

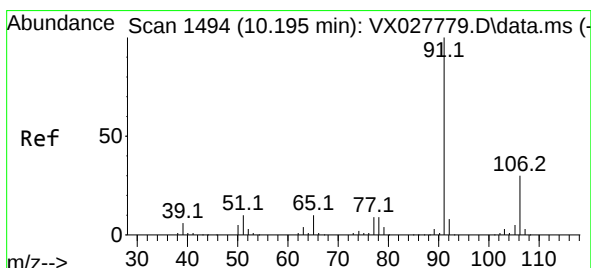
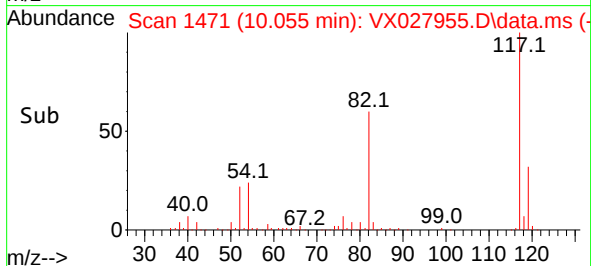
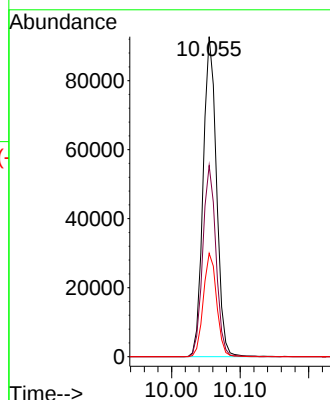
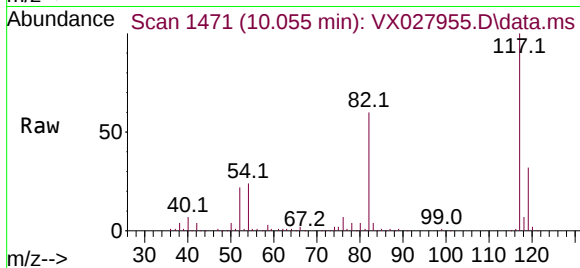




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX027955.D
Acq: 04 Apr 2022 14:15

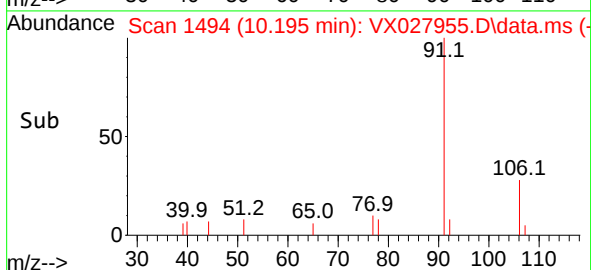
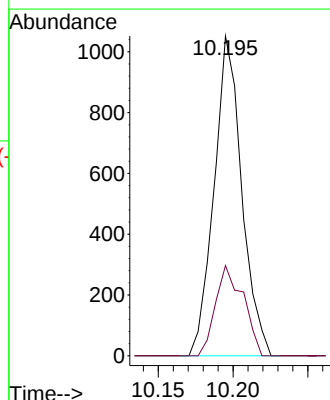
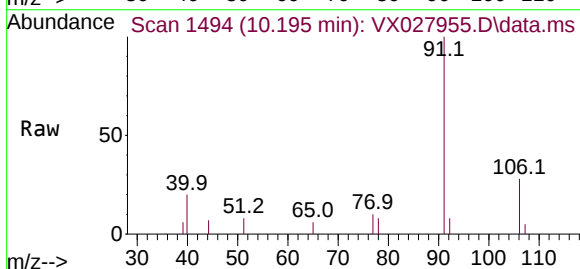
Instrument :
MSVOA_X
ClientSampleId :

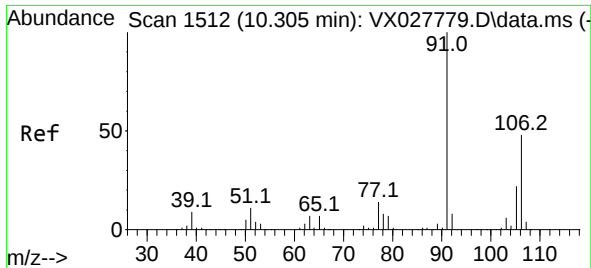
Tgt Ion:117 Resp: 126032
Ion Ratio Lower Upper
117 100
82 59.8 41.8 62.8
119 32.3 24.8 37.2



#67
Ethyl Benzene
Concen: 0.300 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX027955.D
Acq: 04 Apr 2022 14:15

Tgt Ion: 91 Resp: 1353
Ion Ratio Lower Upper
91 100
106 28.2 24.6 36.8

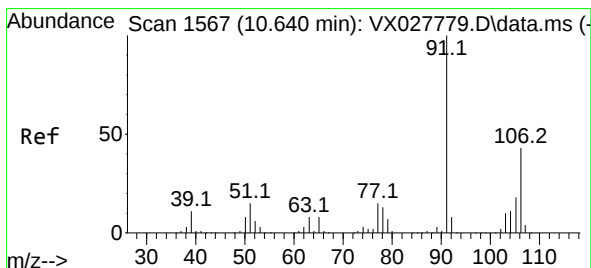
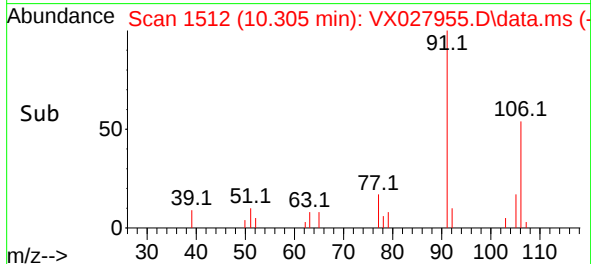
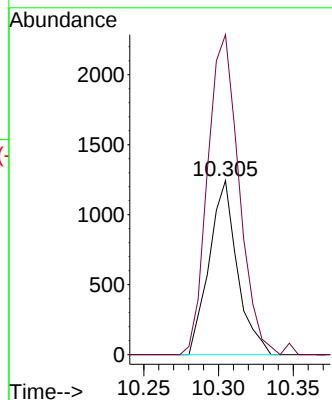
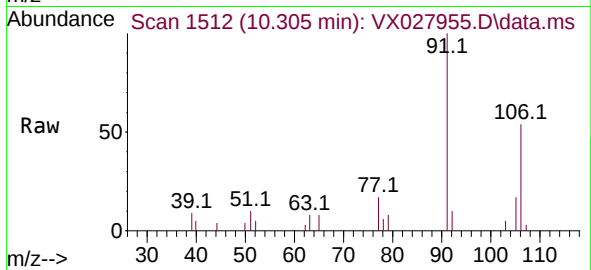




#68
m/p-Xylenes
Concen: 0.983 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX027955.D
Acq: 04 Apr 2022 14:15

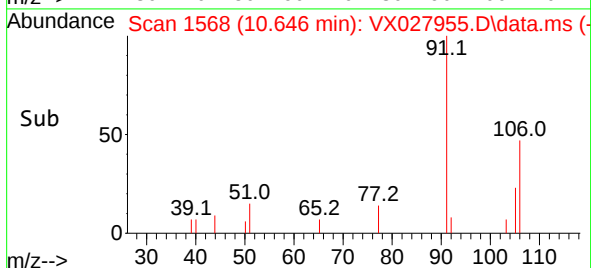
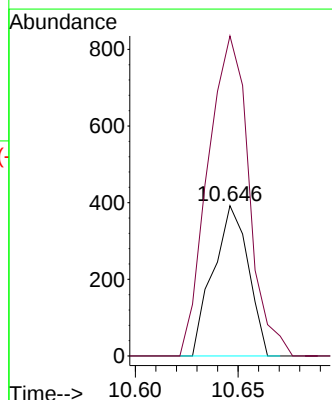
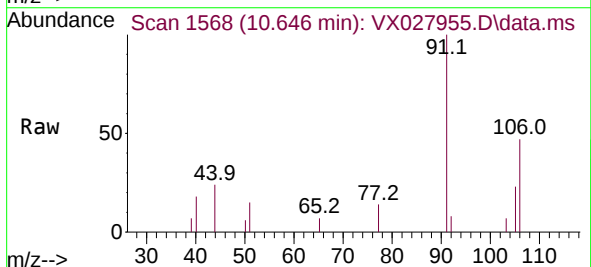
Instrument :
MSVOA_X
ClientSampleId :

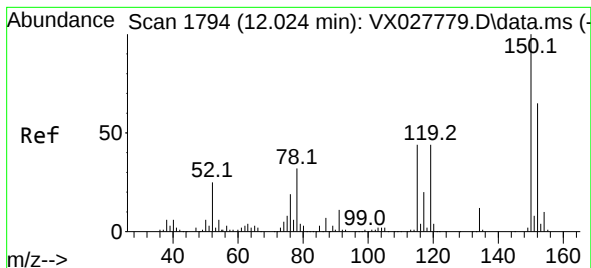
Tgt Ion:106 Resp: 1629
Ion Ratio Lower Upper
106 100
91 204.7 160.4 240.6



#69
o-Xylene
Concen: 0.287 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX027955.D
Acq: 04 Apr 2022 14:15

Tgt Ion:106 Resp: 465
Ion Ratio Lower Upper
106 100
91 249.5 106.1 318.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX027955.D

Acq: 04 Apr 2022 14:15

Instrument :

MSVOA_X

ClientSampleId :

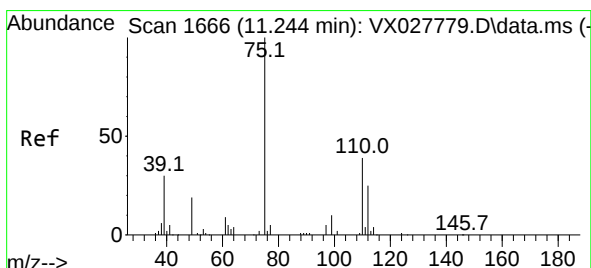
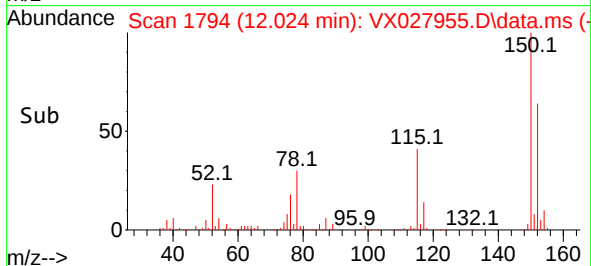
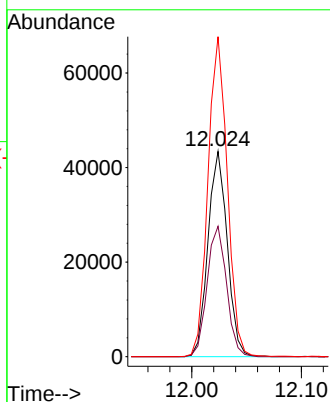
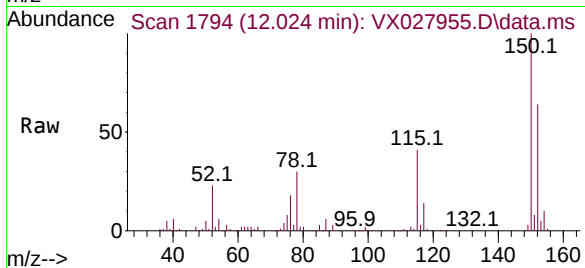
Tgt Ion:152 Resp: 53066

Ion Ratio Lower Upper

152 100

115 64.0 37.5 112.7

150 156.2 0.0 338.2



#76

1,2,3-Trichloropropane

Concen: 30.870 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.165 min

Lab File: VX027955.D

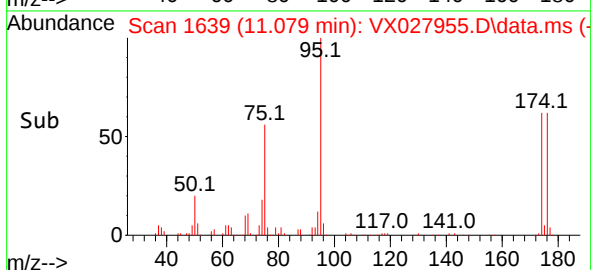
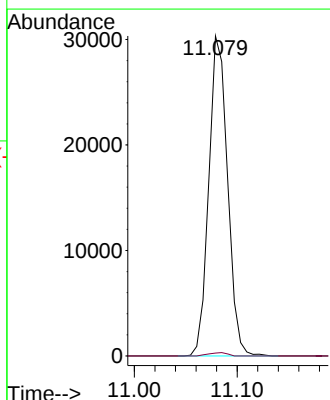
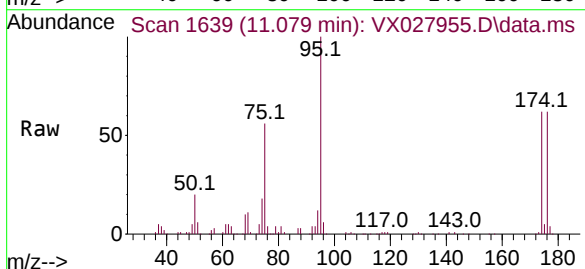
Acq: 04 Apr 2022 14:15

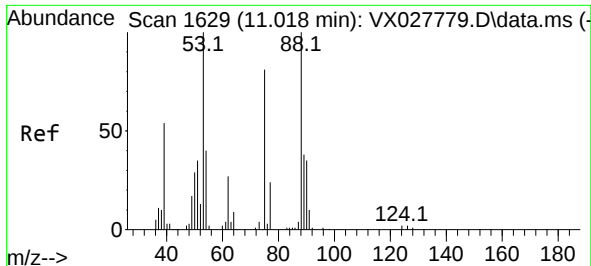
Tgt Ion: 75 Resp: 38428

Ion Ratio Lower Upper

75 100

77 1.0 19.4 58.2#

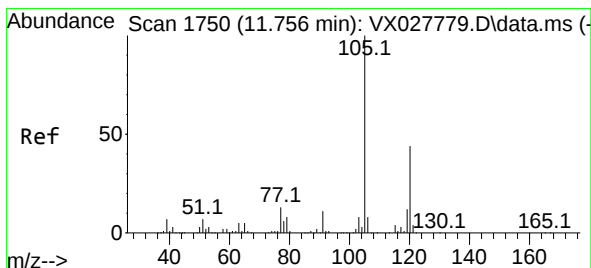
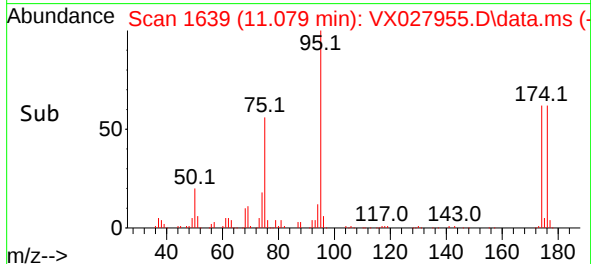
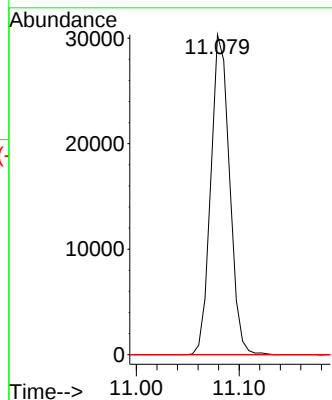
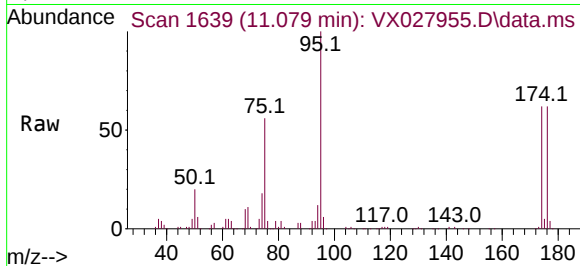




#81
trans-1,4-Dichloro-2-butene
Concen: 89.816 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX027955.D
Acq: 04 Apr 2022 14:15

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 38428
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#



#84
1,2,4-Trimethylbenzene
Concen: 0.215 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX027955.D
Acq: 04 Apr 2022 14:15

Tgt Ion: 105 Resp: 736
Ion Ratio Lower Upper
105 100
120 42.7 22.6 67.8

