

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033022\
 Data File : VX027818.D
 Acq On : 30 Mar 2022 18:11
 Operator : JC/MD
 Sample : N2041-13DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE115D1-20220317DL

Quant Time: Mar 31 05:51:26 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)

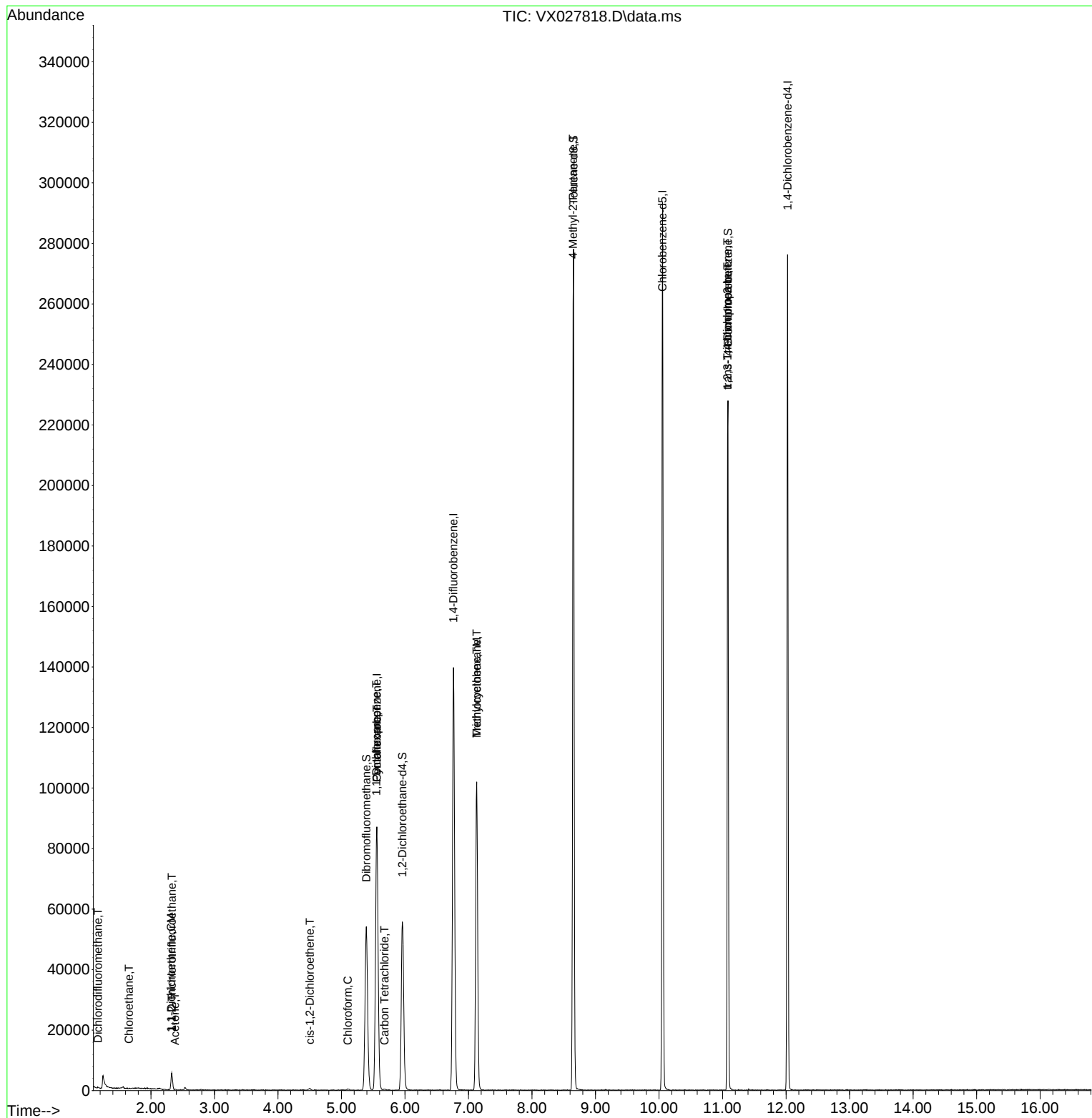
Internal Standards						
1) Pentafluorobenzene	5.556	168	77897	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	129733	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	121447	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	53321	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	56987	56.699	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 113.400%	
35) Dibromofluoromethane	5.391	113	45864	54.770	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 109.540%	
50) Toluene-d8	8.653	98	154998	52.607	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 105.220%	
62) 4-Bromofluorobenzene	11.085	95	62885	50.224	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 100.440%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	185	0.262	ug/l	# 42
6) Chloroethane	1.654	64	204	0.473	ug/l	# 43
9) 1,1,2-Trichlorotrifluo...	2.331	101	1709	2.343	ug/l	96
12) 1,1-Dichloroethene	2.319	96	424	0.634	ug/l	# 84
16) Acetone	2.380	43	372	0.836	ug/l	# 39
27) cis-1,2-Dichloroethene	4.501	96	326	0.372	ug/l	88
30) Chloroform	5.099	83	532	0.345	ug/l	# 48
31) Cyclohexane	5.556	56	1882	1.694	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	6957	6.596	ug/l	# 50
38) Carbon Tetrachloride	5.678	117	288	0.247	ug/l	# 51
39) Methylcyclohexane	7.129	83	562	0.453	ug/l	# 1
44) Trichloroethene	7.129	130	36257	41.741	ug/l	86
51) 4-Methyl-2-Pentanone	8.647	43	811	0.558	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	33709	26.949	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	33709	78.853	ug/l	# 15

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

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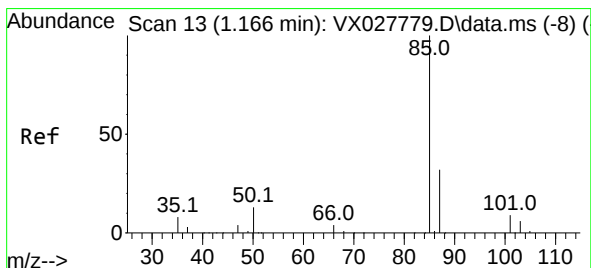
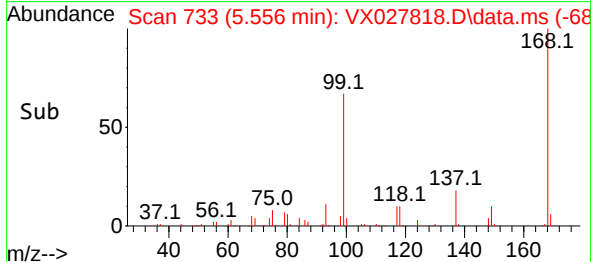
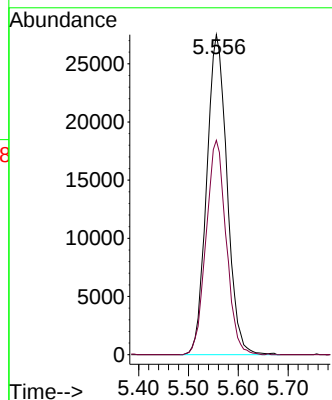
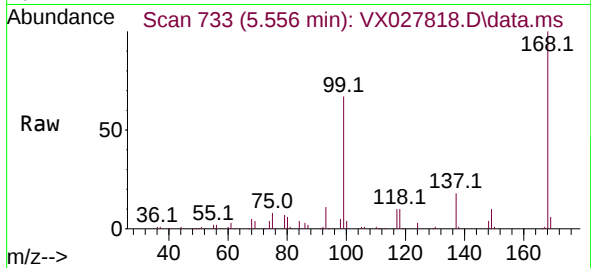




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027818.D
Acq: 30 Mar 2022 18:11

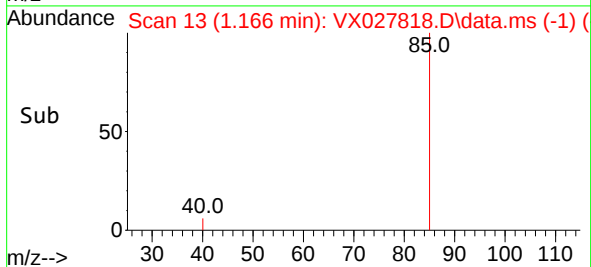
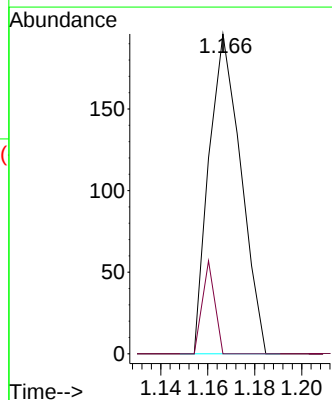
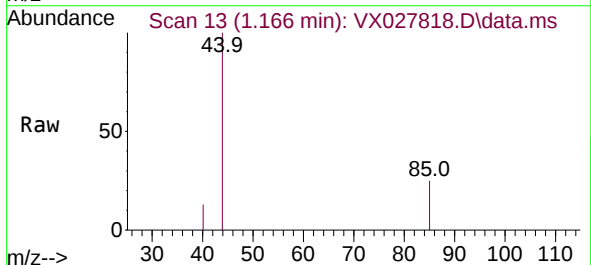
Instrument : MSVOA_X
ClientSampleId : RE115D1-20220317DL

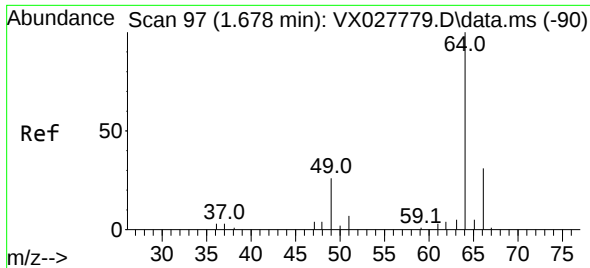
Tgt Ion:168 Resp: 77897
Ion Ratio Lower Upper
168 100
99 67.0 41.7 62.5#



#2
Dichlorodifluoromethane
Concen: 0.262 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX027818.D
Acq: 30 Mar 2022 18:11

Tgt Ion: 85 Resp: 185
Ion Ratio Lower Upper
85 100
87 0.0 16.2 48.6#

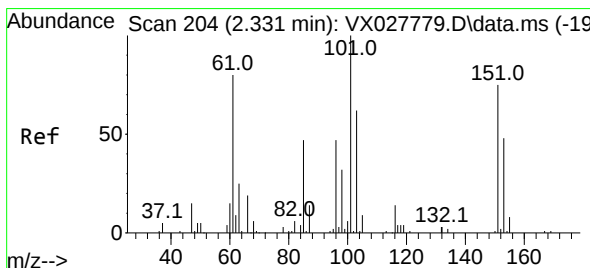
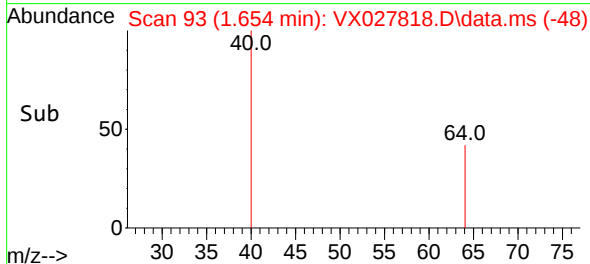
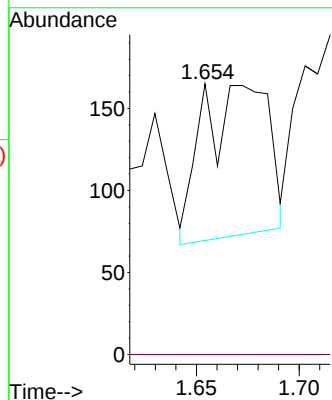
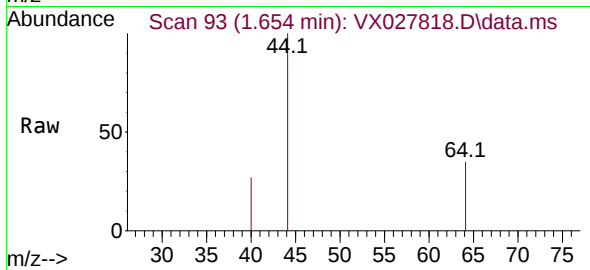




#6
Chloroethane
Concen: 0.473 ug/l
RT: 1.654 min Scan# 91
Delta R.T. -0.024 min
Lab File: VX027818.D
Acq: 30 Mar 2022 18:11

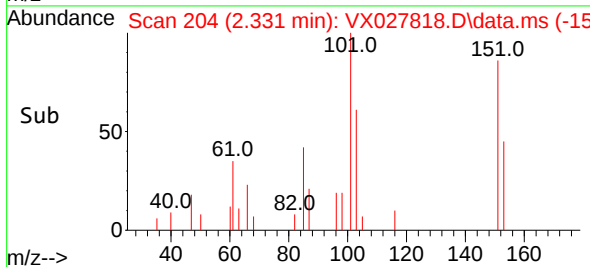
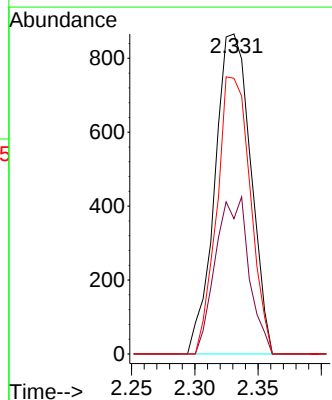
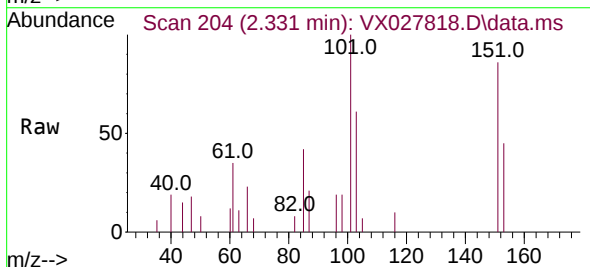
Instrument :
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ClientSampleId :
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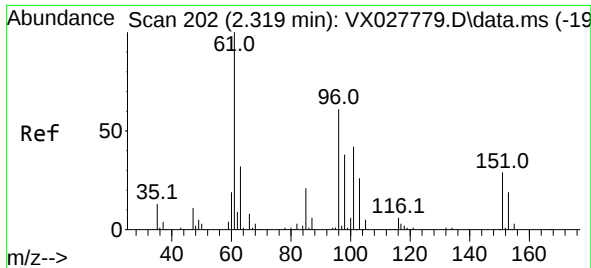
Tgt Ion: 64 Resp: 204
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.343 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX027818.D
Acq: 30 Mar 2022 18:11

Tgt Ion: 101 Resp: 1709
Ion Ratio Lower Upper
101 100
85 45.5 33.5 50.3
151 80.4 61.8 92.6





#12

1,1-Dichloroethene

Concen: 0.634 ug/l

RT: 2.319 min Scan# 20

Delta R.T. -0.000 min

Lab File: VX027818.D

Acq: 30 Mar 2022 18:11

Instrument :

MSVOA_X

ClientSampleId :

RE115D1-20220317DL

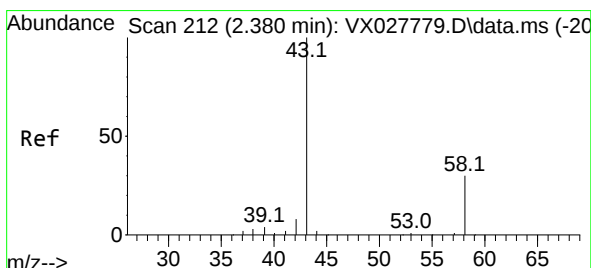
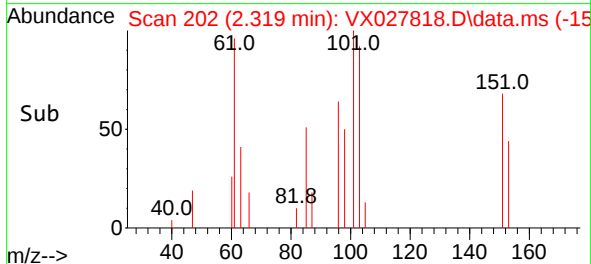
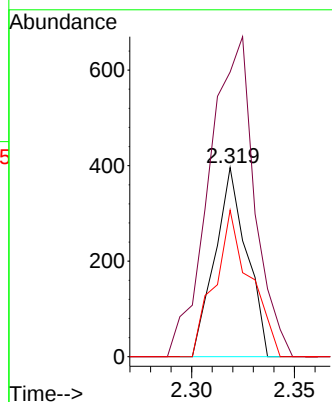
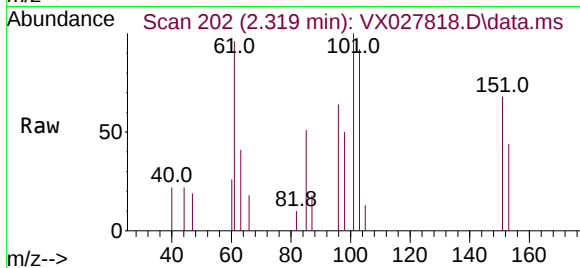
Tgt Ion: 96 Resp: 424

Ion Ratio Lower Upper

96 100

61 136.1 124.6 187.0

98 77.5 51.0 76.4#



#16

Acetone

Concen: 0.836 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX027818.D

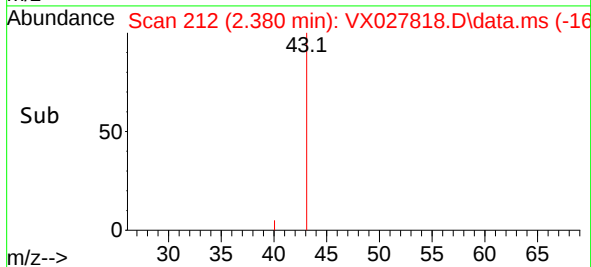
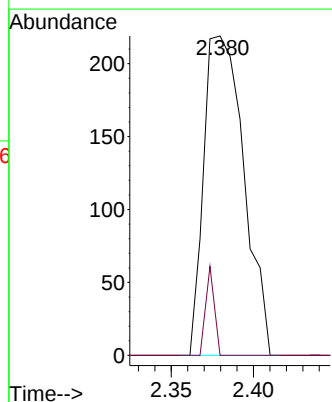
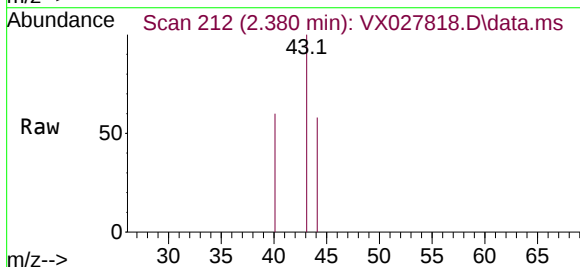
Acq: 30 Mar 2022 18:11

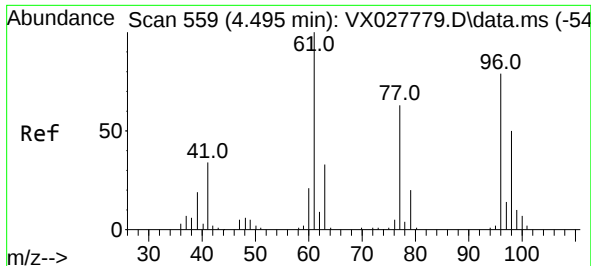
Tgt Ion: 43 Resp: 372

Ion Ratio Lower Upper

43 100

58 0.0 28.8 43.2#





#27

cis-1,2-Dichloroethene

Concen: 0.372 ug/l

RT: 4.501 min Scan# 5

Delta R.T. 0.006 min

Lab File: VX027818.D

Acq: 30 Mar 2022 18:11

Instrument :

MSVOA_X

ClientSampleId :

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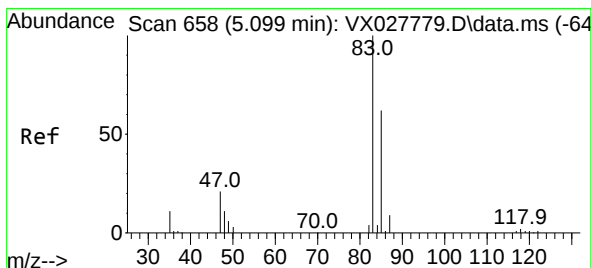
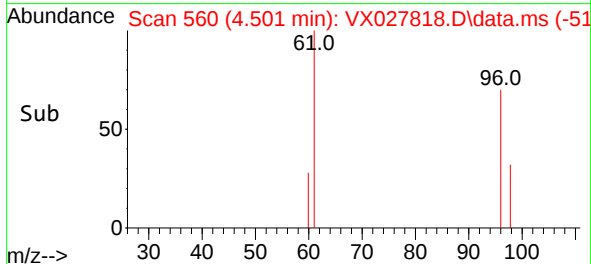
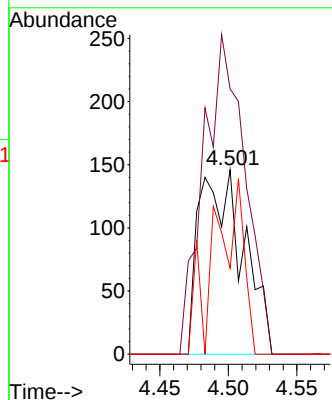
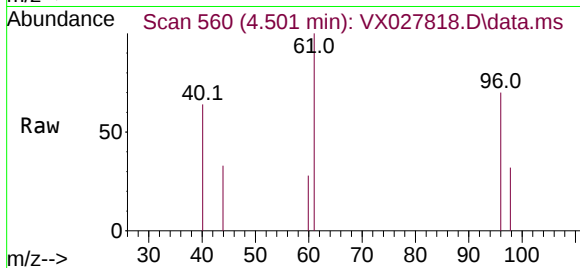
Tgt Ion: 96 Resp: 326

Ion Ratio Lower Upper

96 100

61 163.5 0.0 283.8

98 64.1 0.0 129.8



#30

Chloroform

Concen: 0.345 ug/l

RT: 5.099 min Scan# 658

Delta R.T. -0.000 min

Lab File: VX027818.D

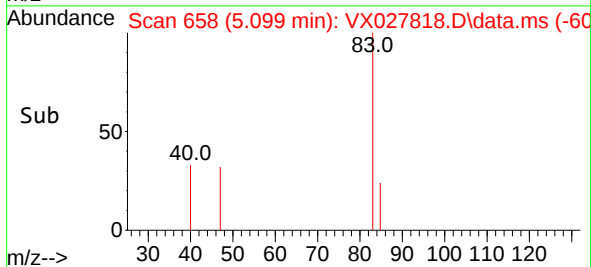
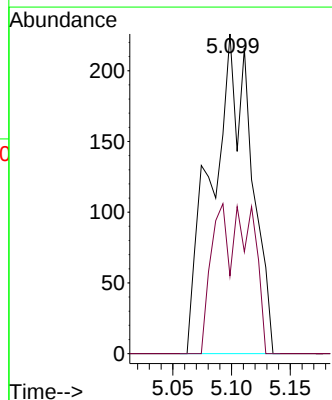
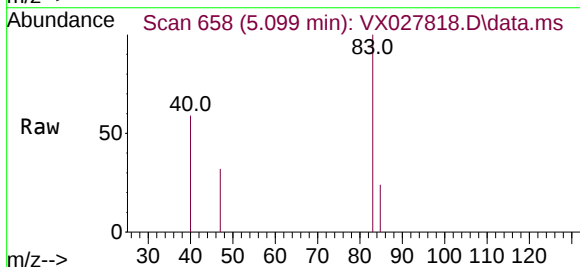
Acq: 30 Mar 2022 18:11

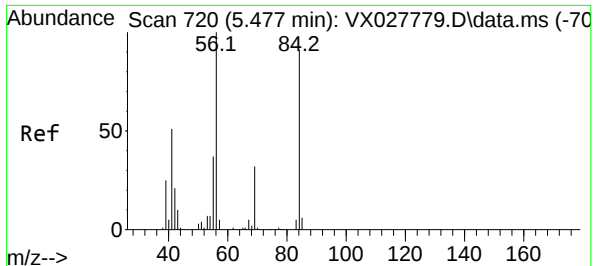
Tgt Ion: 83 Resp: 532

Ion Ratio Lower Upper

83 100

85 24.3 52.7 79.1#

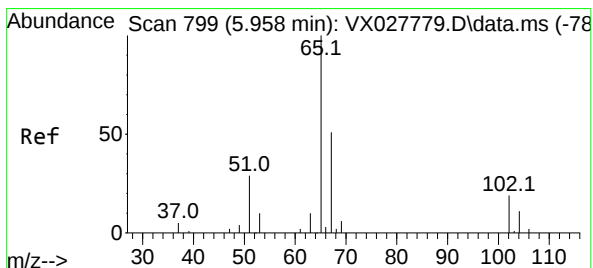
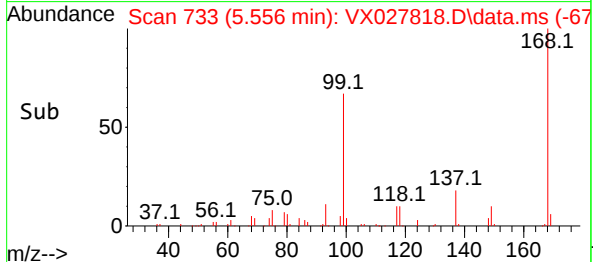
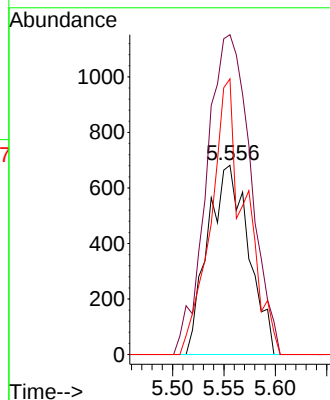
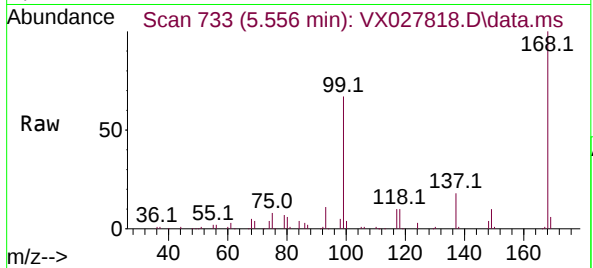




#31
Cyclohexane
Concen: 1.694 ug/l
RT: 5.556 min Scan# 711
Delta R.T. 0.079 min
Lab File: VX027818.D
Acq: 30 Mar 2022 18:11

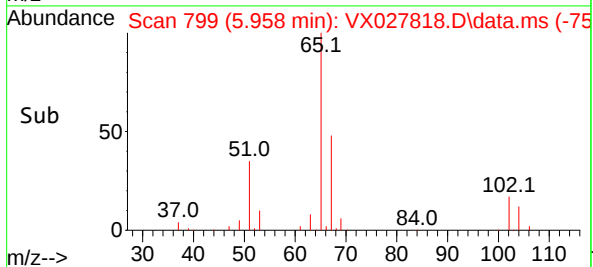
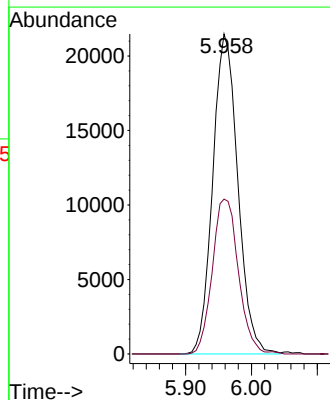
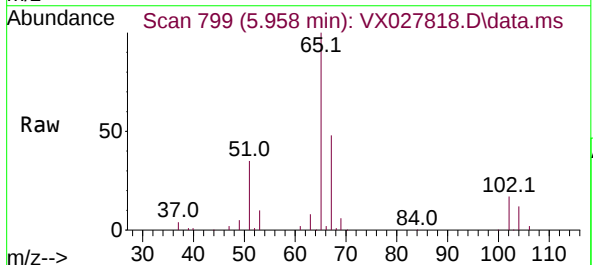
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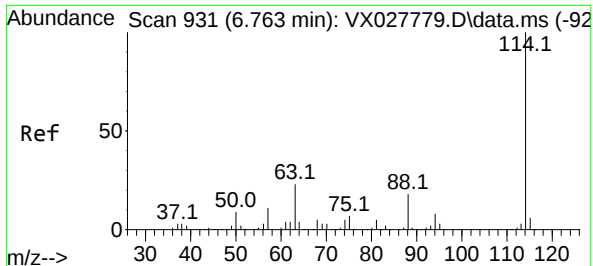
Tgt Ion: 56 Resp: 1882
Ion Ratio Lower Upper
56 100
69 168.9 26.7 40.1#
84 145.6 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 56.699 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX027818.D
Acq: 30 Mar 2022 18:11

Tgt Ion: 65 Resp: 56987
Ion Ratio Lower Upper
65 100
67 50.4 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: VX027818.D

Acq: 30 Mar 2022 18:11

Instrument :

MSVOA_X

ClientSampleId :

RE115D1-20220317DL

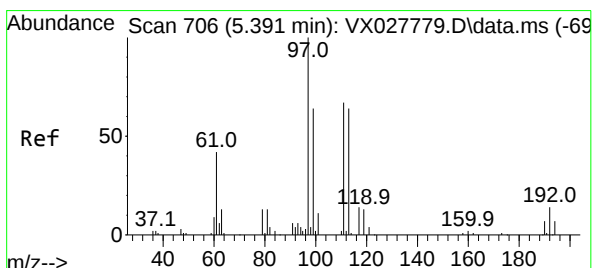
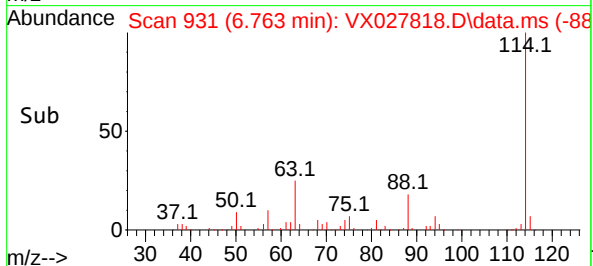
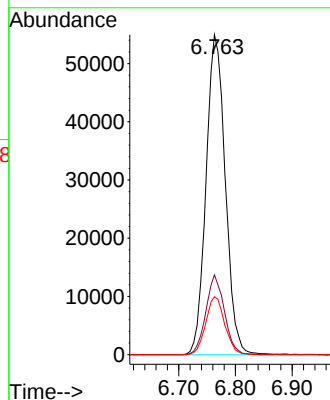
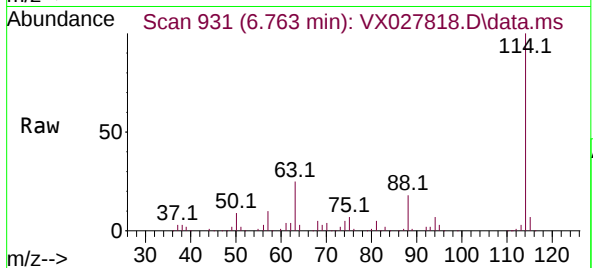
Tgt Ion:114 Resp: 129733

Ion Ratio Lower Upper

114 100

63 25.0 0.0 36.8

88 18.1 0.0 32.4



#35

Dibromofluoromethane

Concen: 54.770 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX027818.D

Acq: 30 Mar 2022 18:11

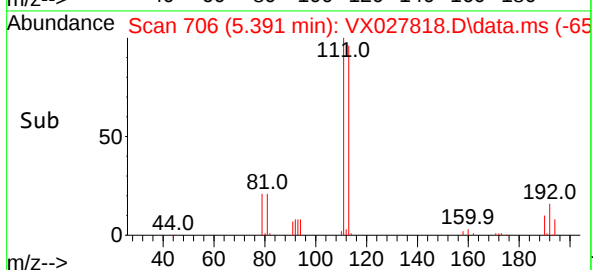
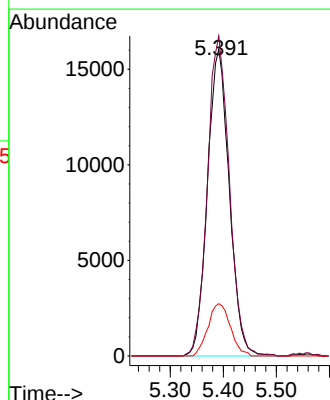
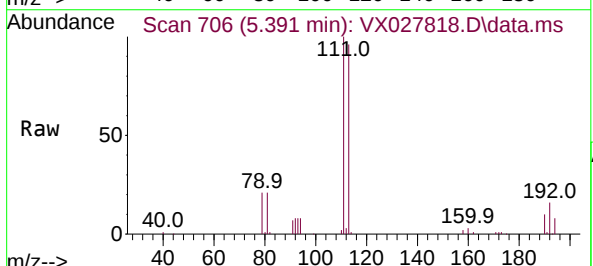
Tgt Ion:113 Resp: 45864

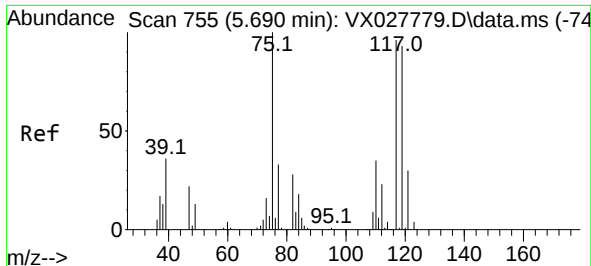
Ion Ratio Lower Upper

113 100

111 104.4 82.8 124.2

192 17.5 16.9 25.3

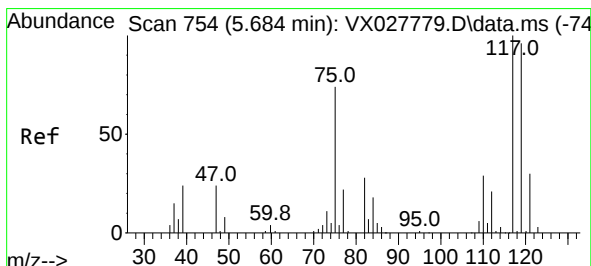
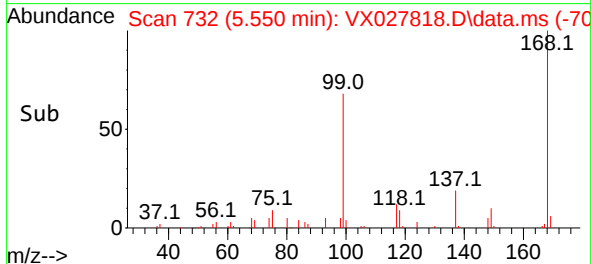
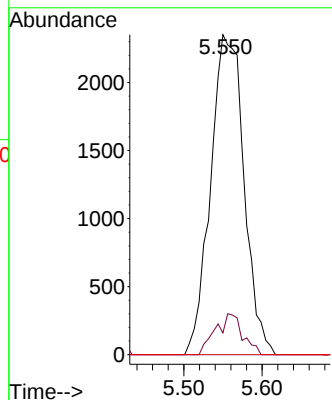
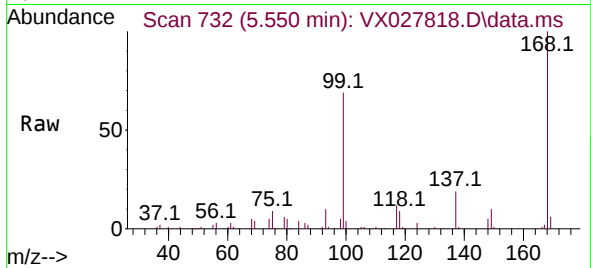




#36
1,1-Dichloropropene
Concen: 6.596 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX027818.D
Acq: 30 Mar 2022 18:11

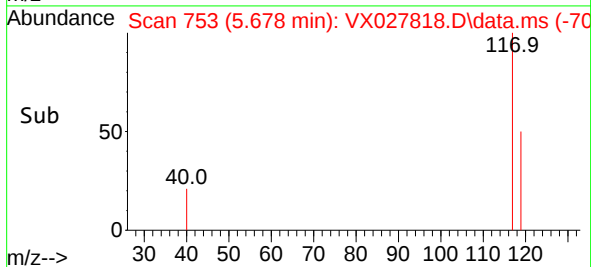
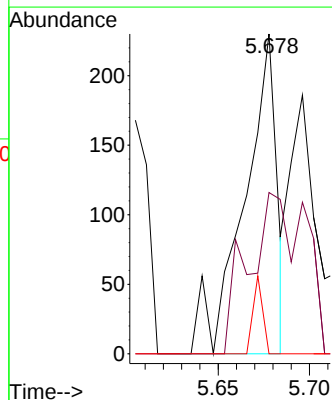
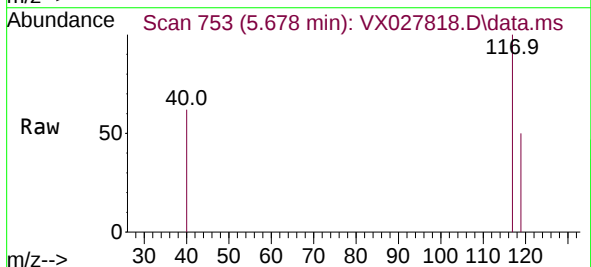
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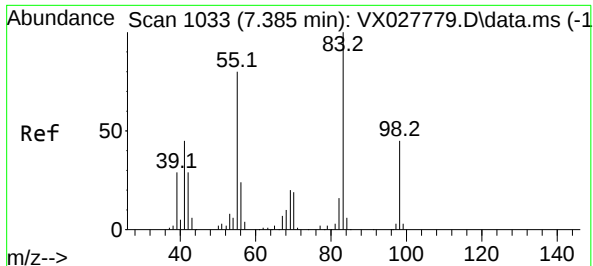
Tgt Ion: 75 Resp: 6957
Ion Ratio Lower Upper
75 100
110 10.4 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 0.247 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX027818.D
Acq: 30 Mar 2022 18:11

Tgt Ion: 117 Resp: 288
Ion Ratio Lower Upper
117 100
119 50.4 77.3 115.9#
121 0.0 24.2 36.2#





#39

Methylcyclohexane

Concen: 0.453 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.256 min

Lab File: VX027818.D

Acq: 30 Mar 2022 18:11

Instrument :

MSVOA_X

ClientSampleId :

RE115D1-20220317DL

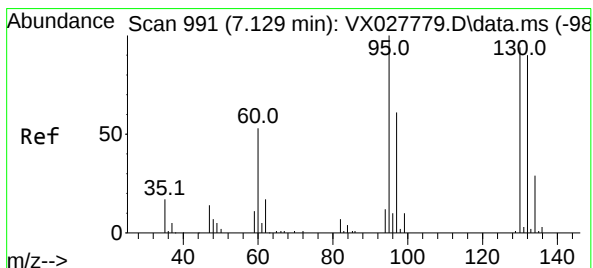
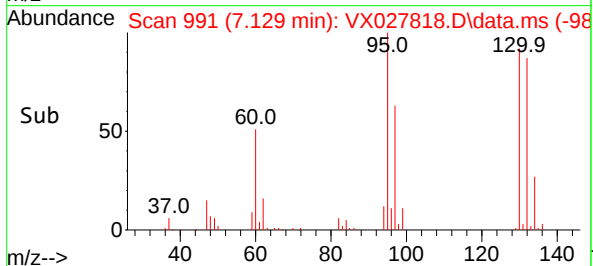
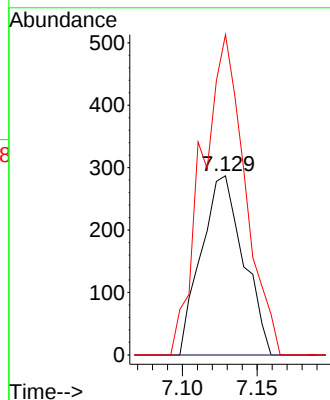
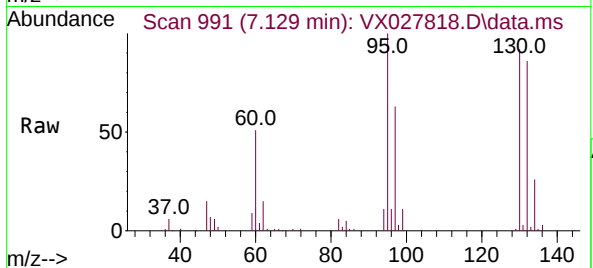
Tgt Ion: 83 Resp: 562

Ion Ratio Lower Upper

83 100

55 0.0 54.6 81.8#

98 178.7 37.4 56.2#



#44

Trichloroethene

Concen: 41.741 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX027818.D

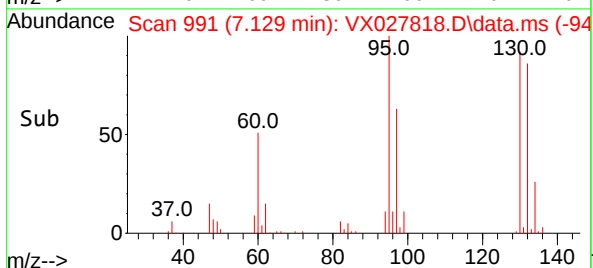
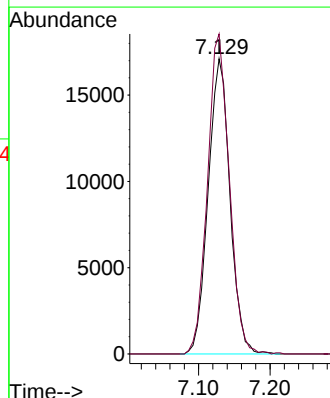
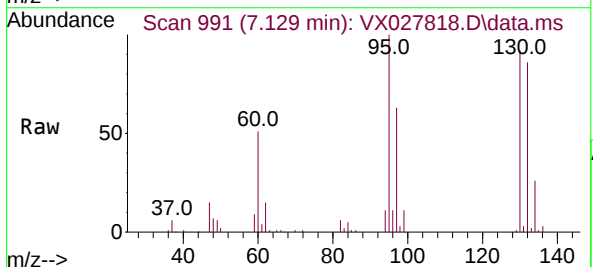
Acq: 30 Mar 2022 18:11

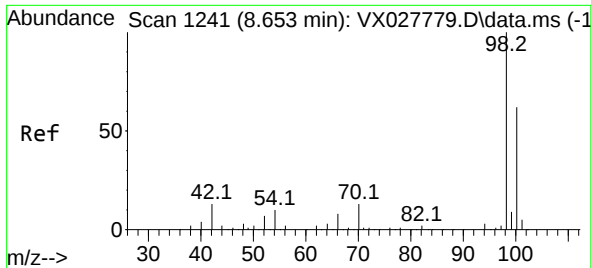
Tgt Ion:130 Resp: 36257

Ion Ratio Lower Upper

130 100

95 108.4 0.0 188.8

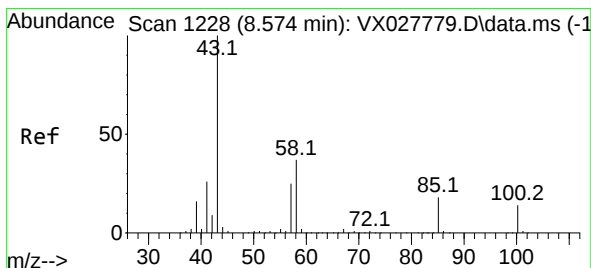
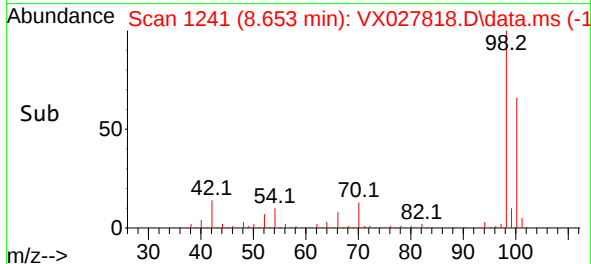
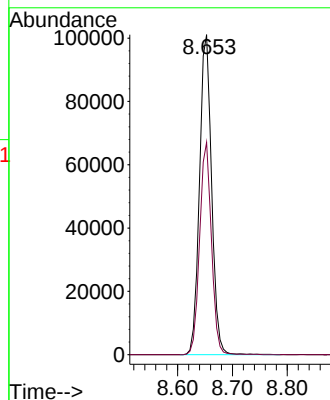
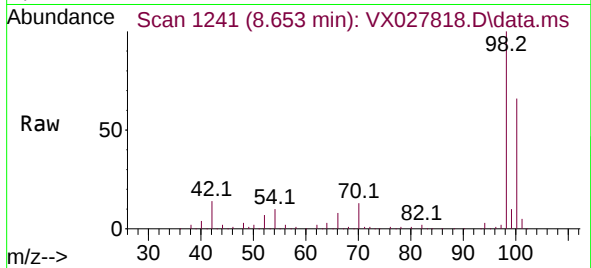




#50
Toluene-d8
Concen: 52.607 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX027818.D
Acq: 30 Mar 2022 18:11

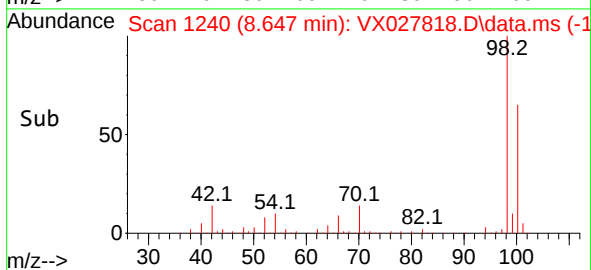
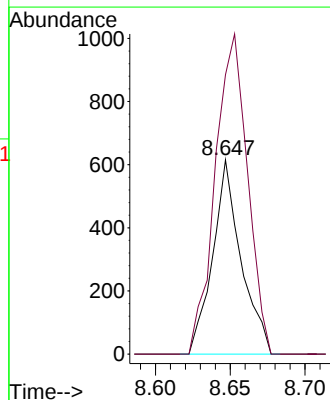
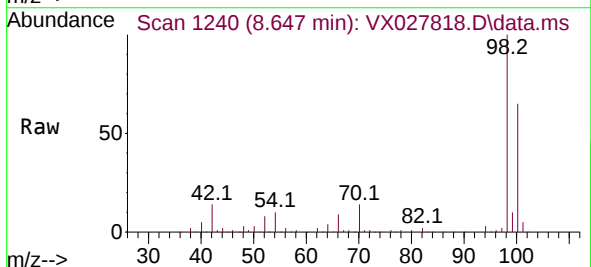
Instrument :
MSVOA_X
ClientSampleId :
RE115D1-20220317DL

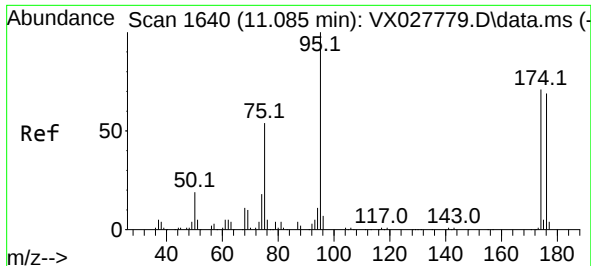
Tgt Ion: 98 Resp: 154998
Ion Ratio Lower Upper
98 100
100 64.8 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.558 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX027818.D
Acq: 30 Mar 2022 18:11

Tgt Ion: 43 Resp: 811
Ion Ratio Lower Upper
43 100
58 188.0 36.1 54.1#

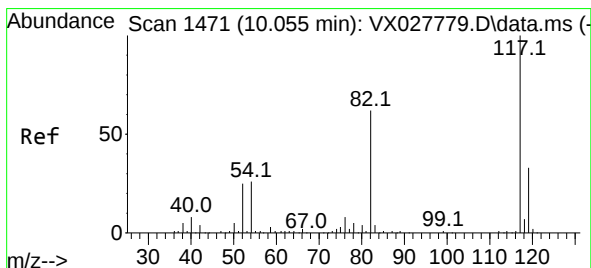
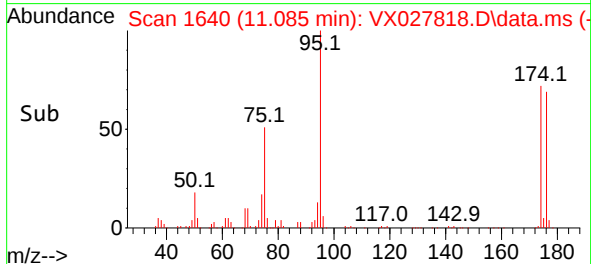
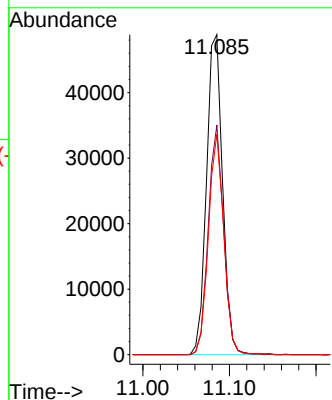
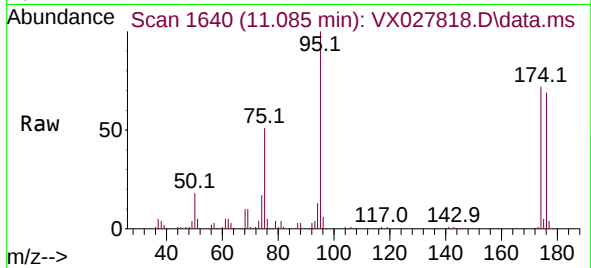




#62
4-Bromofluorobenzene
Concen: 50.224 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX027818.D
Acq: 30 Mar 2022 18:11

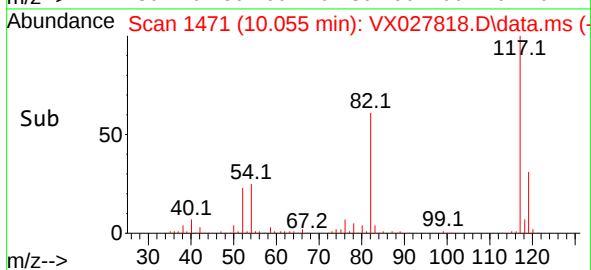
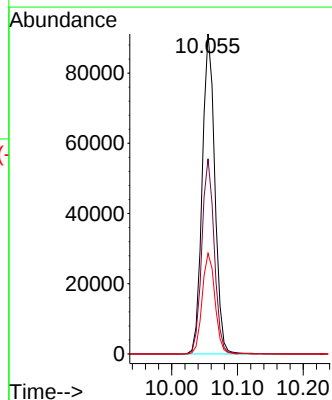
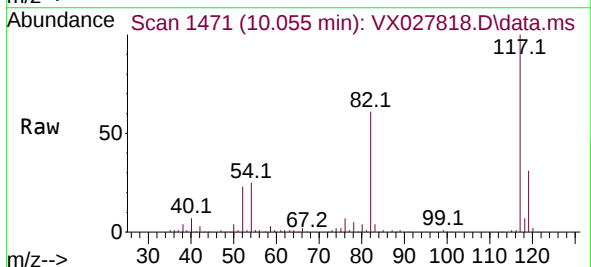
Instrument :
MSVOA_X
ClientSampleId :
RE115D1-20220317DL

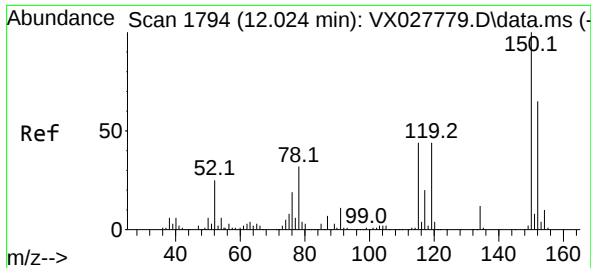
Tgt Ion: 95 Resp: 62885
Ion Ratio Lower Upper
95 100
174 69.0 0.0 163.0
176 65.9 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027818.D
Acq: 30 Mar 2022 18:11

Tgt Ion: 117 Resp: 121447
Ion Ratio Lower Upper
117 100
82 61.0 41.8 62.8
119 31.5 24.8 37.2

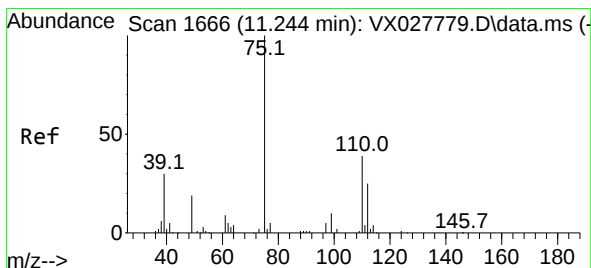
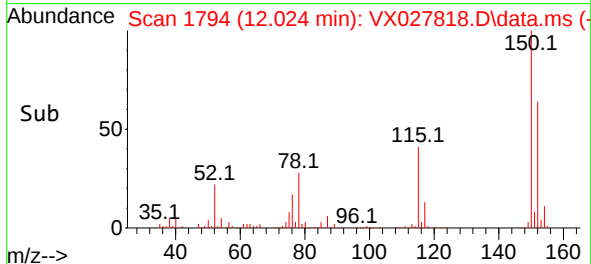
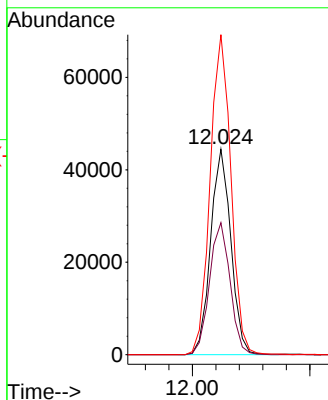
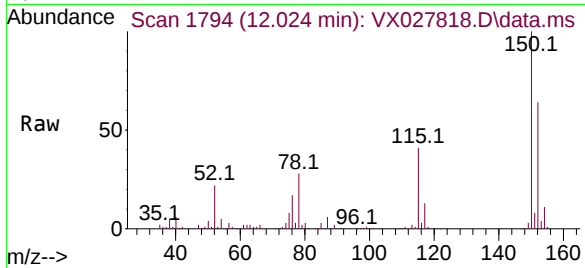




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027818.D
Acq: 30 Mar 2022 18:11

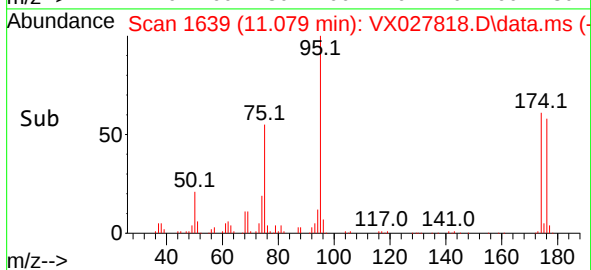
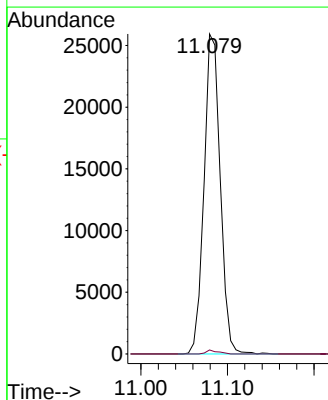
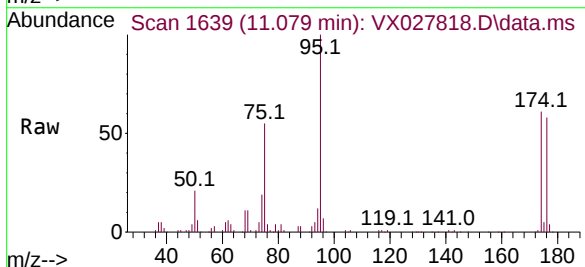
Instrument :
MSVOA_X
ClientSampleId :
RE115D1-20220317DL

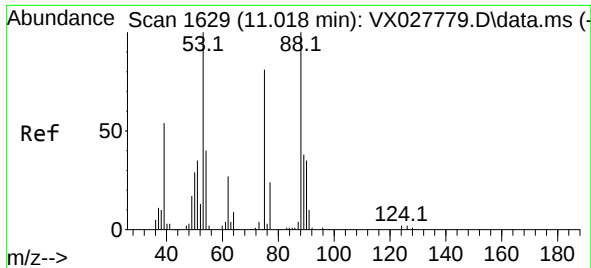
Tgt Ion:152 Resp: 53321
Ion Ratio Lower Upper
152 100
115 65.1 37.5 112.7
150 159.3 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 26.949 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027818.D
Acq: 30 Mar 2022 18:11

Tgt Ion: 75 Resp: 33709
Ion Ratio Lower Upper
75 100
77 0.9 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 78.853 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX027818.D
 Acq: 30 Mar 2022 18:11

Instrument :
 MSVOA_X
 ClientSampleId :
 RE115D1-20220317DL

Tgt Ion: 75 Resp: 33709
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

