

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090722\
 Data File : VX031204.D
 Acq On : 08 Sep 2022 11:00
 Operator : JC/MD
 Sample : N4373-02DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT101D2-20220824DL

Quant Time: Sep 08 14:00:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 07 23:22:41 2022
 Response via : Initial Calibration

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

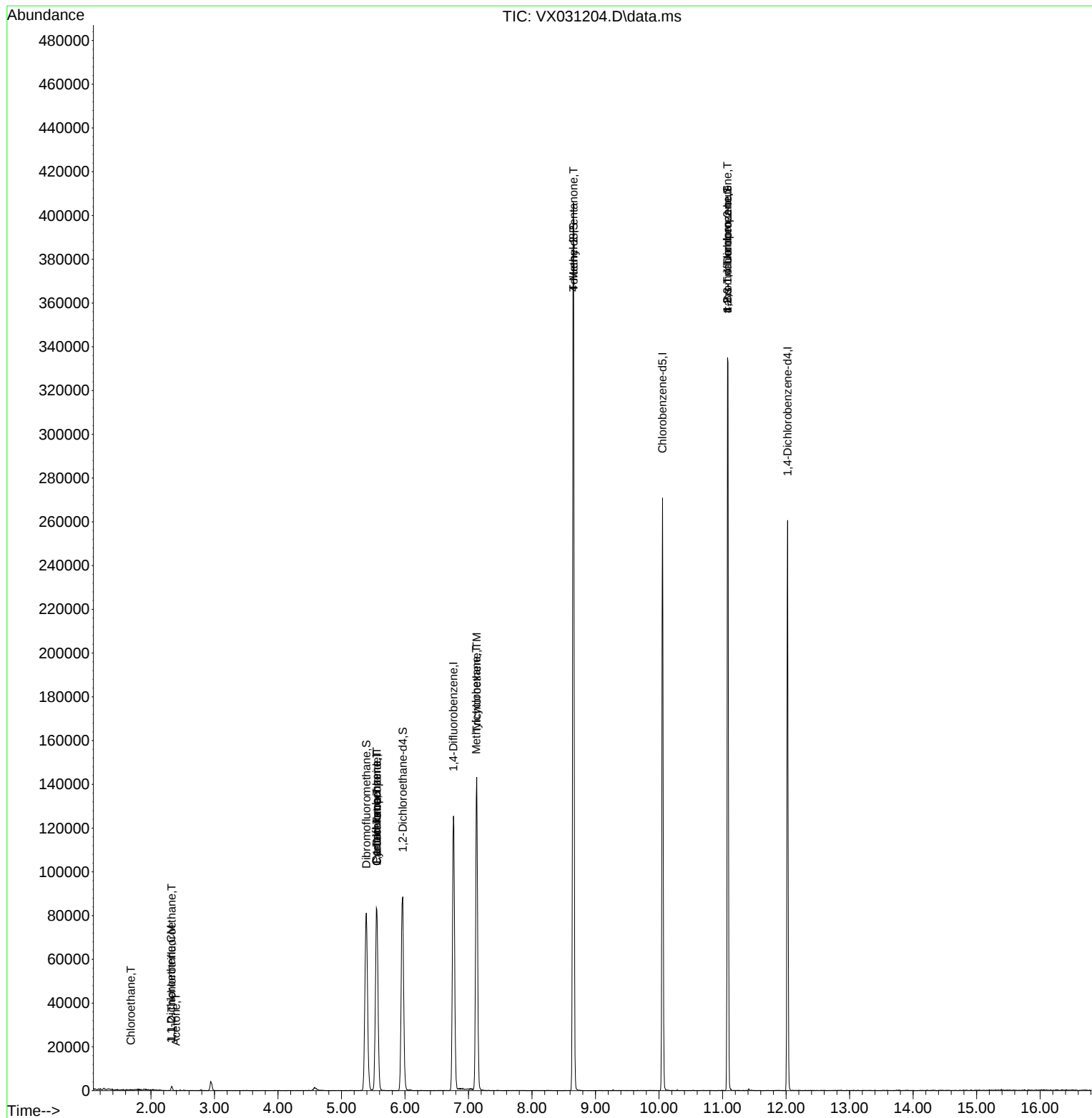
Internal Standards						
1) Pentafluorobenzene	5.550	168	66287	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	121726	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	115776	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	50233	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	98382	62.689	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 125.380%#		
35) Dibromofluoromethane	5.391	113	72286	54.494	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 108.980%		
50) Toluene-d8	8.653	98	243859	50.599	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 101.200%		
62) 4-Bromofluorobenzene	11.079	95	94462	53.484	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 106.960%		
Target Compounds						
					Qvalue	
6) Chloroethane	1.685	64	304	0.561	ug/l	# 41
9) 1,1,2-Trichlorotrifluo...	2.325	101	612	0.514	ug/l	# 82
11) Tert butyl alcohol	2.940	59	2365	Below Cal	#	74
12) 1,1-Dichloroethene	2.319	96	375	0.335	ug/l	# 70
16) Acetone	2.392	43	148	0.272	ug/l	# 40
31) Cyclohexane	5.556	56	1745	0.995	ug/l	# 18
36) 1,1-Dichloropropene	5.556	75	7022	3.535	ug/l	# 49
38) Carbon Tetrachloride	5.556	117	8774	4.198	ug/l	# 17
39) Methylcyclohexane	7.123	83	651	0.287	ug/l	# 1
44) Trichloroethene	7.129	130	52274	34.461	ug/l	# 88
51) 4-Methyl-2-Pentanone	8.653	43	1039	0.611	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	52451	38.259	ug/l	# 37
81) trans-1,4-Dichloro-2-b...	11.079	75	52451	123.382	ug/l	# 13

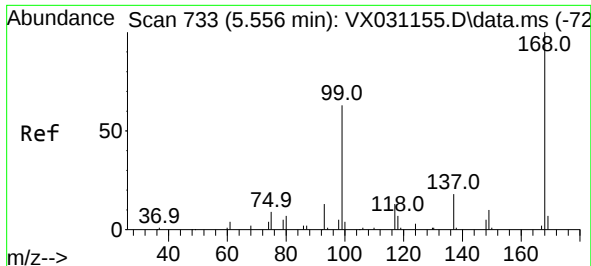
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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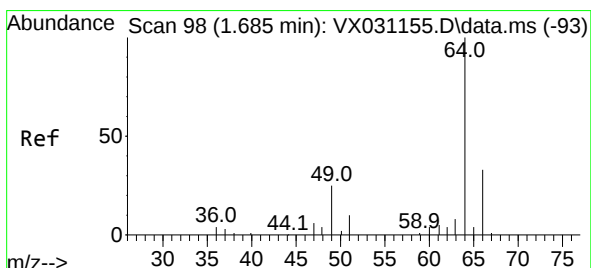
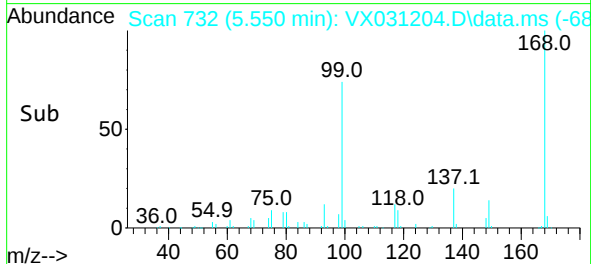
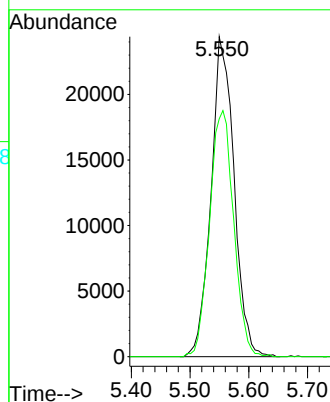
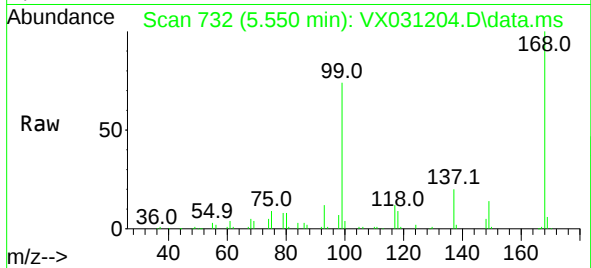




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX031204.D
Acq: 08 Sep 2022 11:00

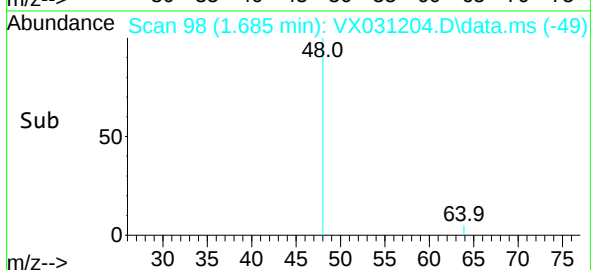
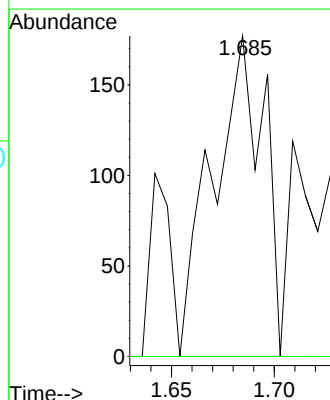
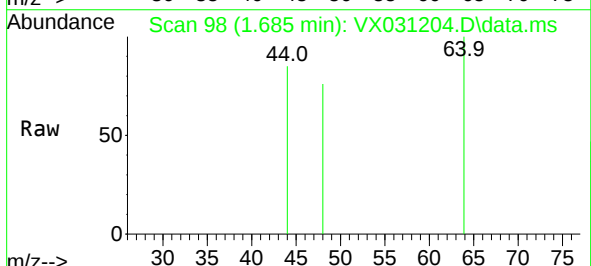
Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20220824DL

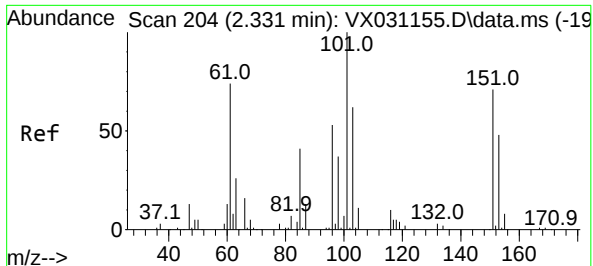
Tgt Ion:168 Resp: 66287
Ion Ratio Lower Upper
168 100
99 74.4 44.0 66.0#



#6
Chloroethane
Concen: 0.561 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX031204.D
Acq: 08 Sep 2022 11:00

Tgt Ion: 64 Resp: 304
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#

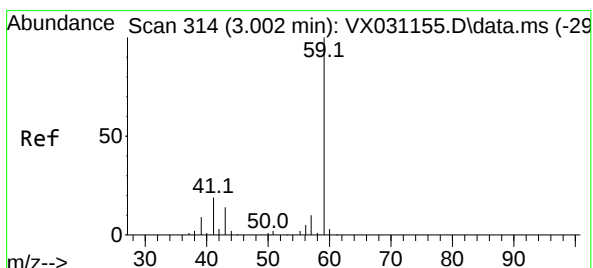
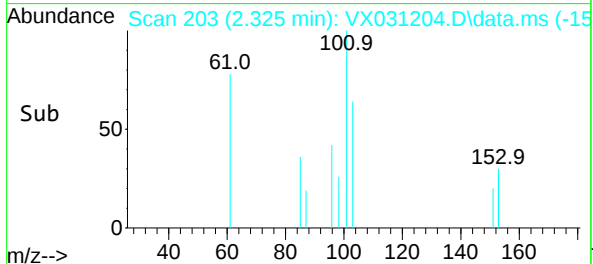
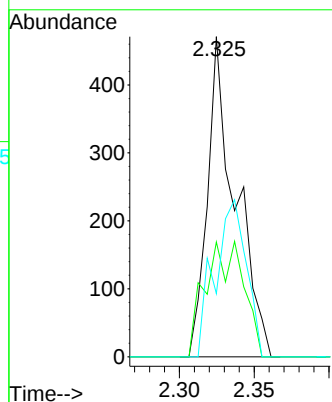
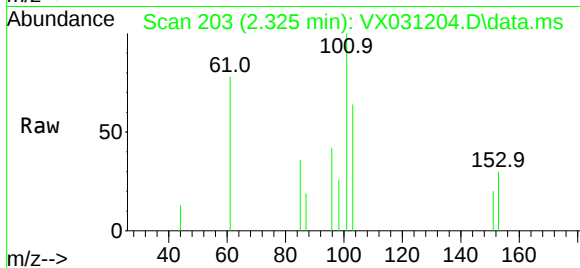




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.514 ug/l
RT: 2.325 min Scan# 20
Delta R.T. -0.006 min
Lab File: VX031204.D
Acq: 08 Sep 2022 11:00

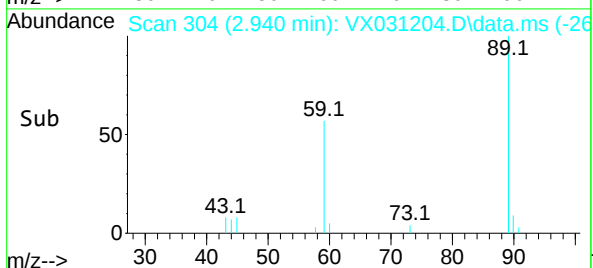
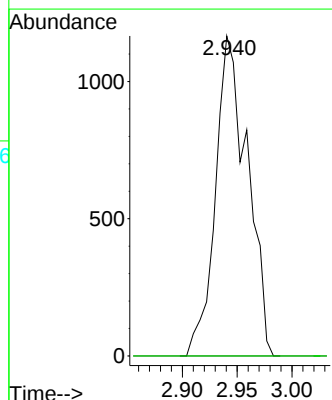
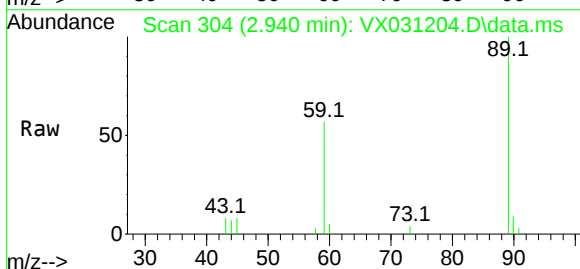
Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20220824DL

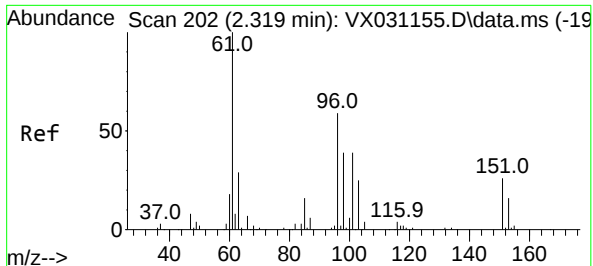
Tgt Ion:101 Resp: 612
Ion Ratio Lower Upper
101 100
85 49.0 34.0 51.0
151 54.9 59.4 89.0#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.940 min Scan# 304
Delta R.T. -0.062 min
Lab File: VX031204.D
Acq: 08 Sep 2022 11:00

Tgt Ion: 59 Resp: 2365
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

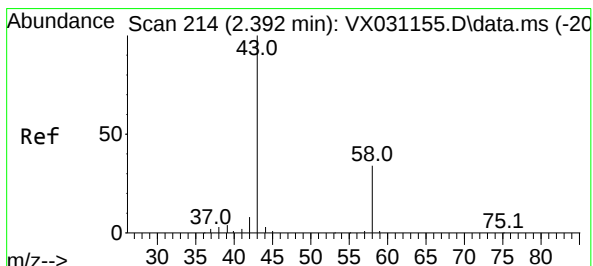
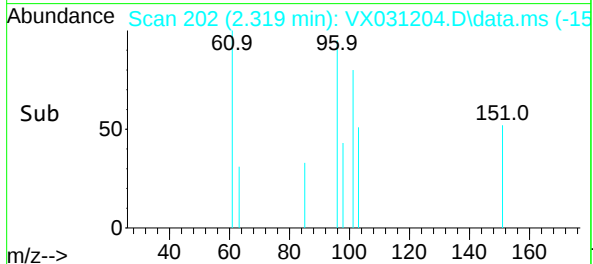
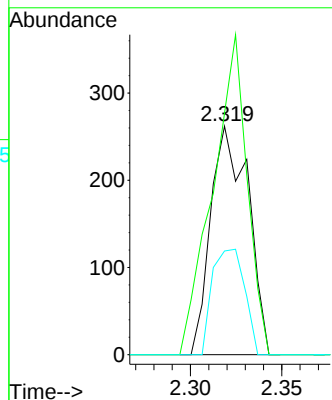
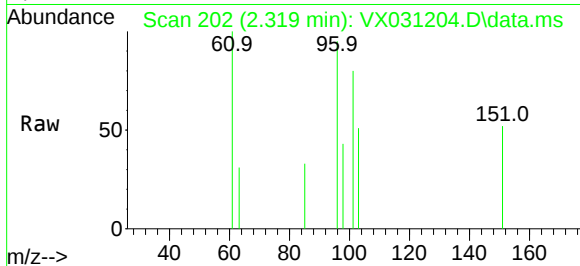




#12
1,1-Dichloroethene
Concen: 0.335 ug/l
RT: 2.319 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX031204.D
Acq: 08 Sep 2022 11:00

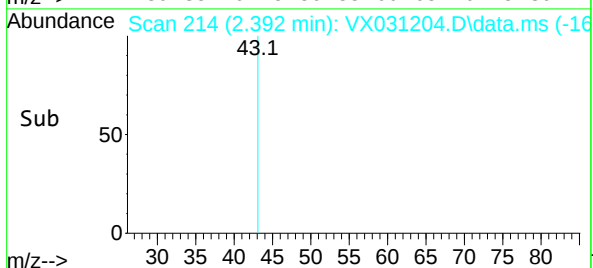
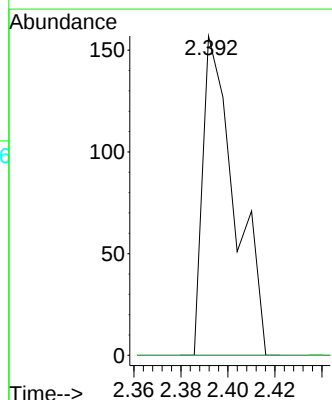
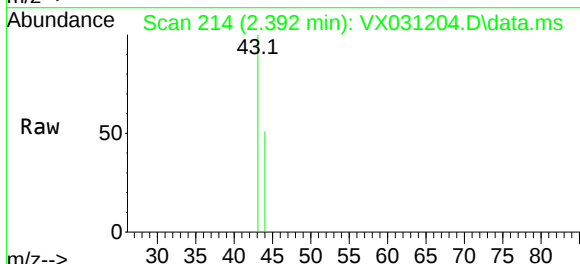
Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20220824DL

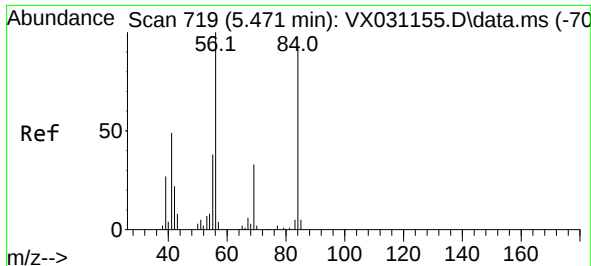
Tgt Ion: 96 Resp: 375
Ion Ratio Lower Upper
96 100
61 105.7 117.4 176.0#
98 45.4 52.2 78.4#



#16
Acetone
Concen: 0.272 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX031204.D
Acq: 08 Sep 2022 11:00

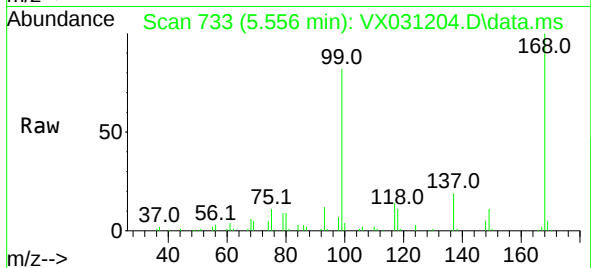
Tgt Ion: 43 Resp: 148
Ion Ratio Lower Upper
43 100
58 0.0 27.7 41.5#



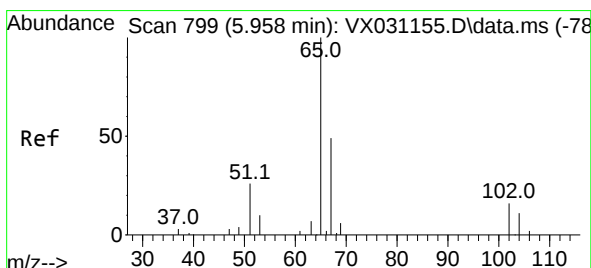
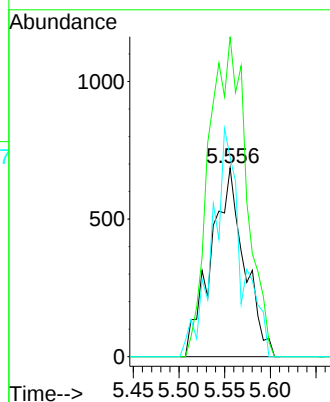
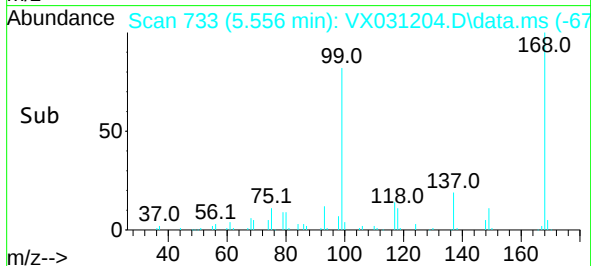


#31
Cyclohexane
Concen: 0.995 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX031204.D
Acq: 08 Sep 2022 11:00

Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20220824DL

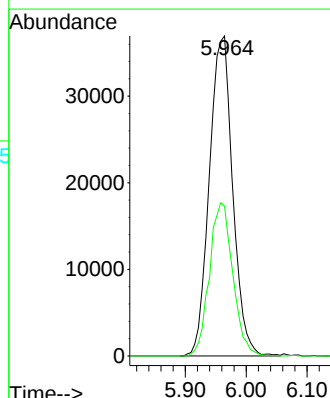
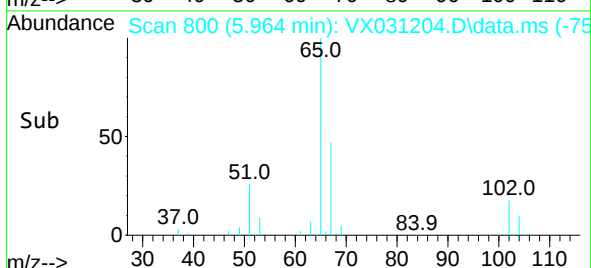
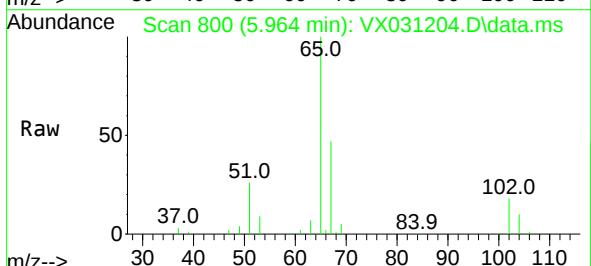


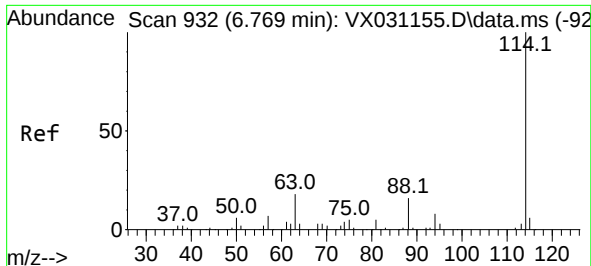
Tgt Ion: 56 Resp: 1745
Ion Ratio Lower Upper
56 100
69 169.5 25.4 38.0#
84 105.5 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 62.689 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX031204.D
Acq: 08 Sep 2022 11:00

Tgt Ion: 65 Resp: 98382
Ion Ratio Lower Upper
65 100
67 47.8 0.0 109.6

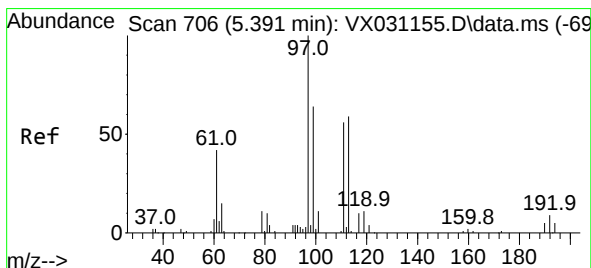
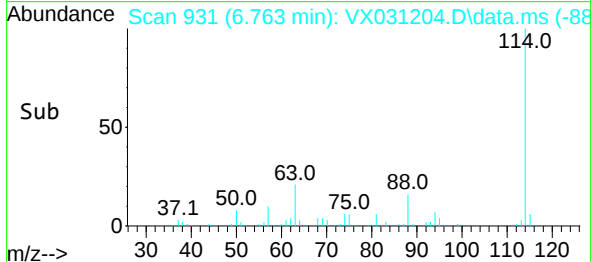
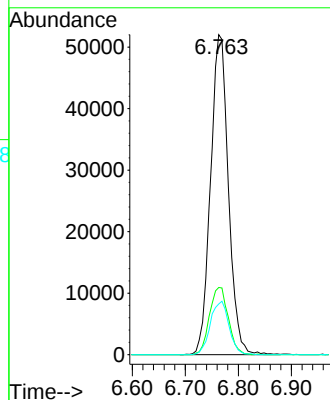
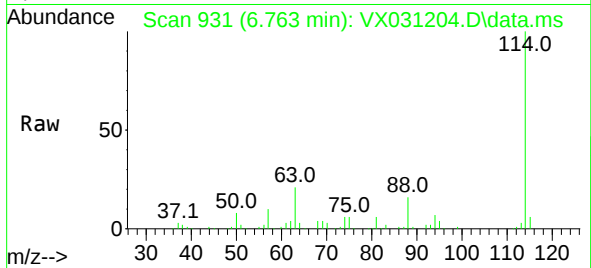




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX031204.D
Acq: 08 Sep 2022 11:00

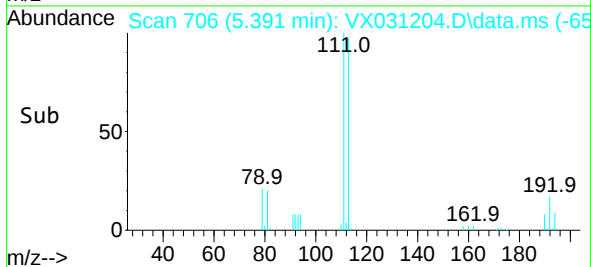
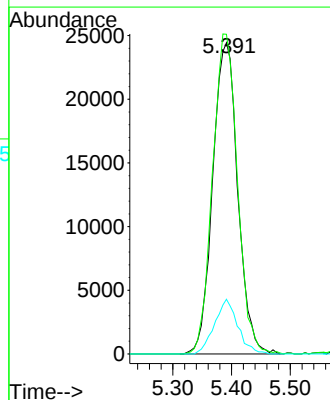
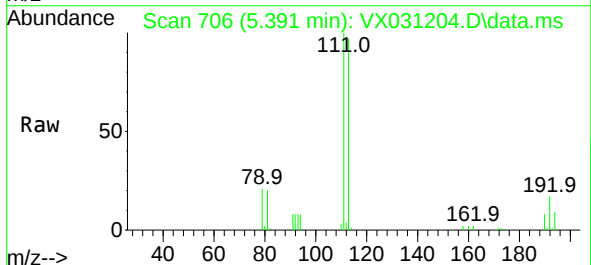
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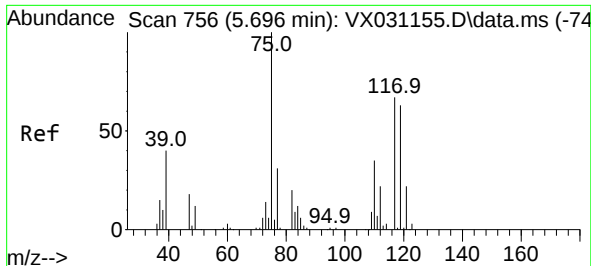
Tgt Ion:114 Resp: 121726
Ion Ratio Lower Upper
114 100
63 21.0 0.0 38.4
88 15.8 0.0 31.8



#35
Dibromofluoromethane
Concen: 54.494 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX031204.D
Acq: 08 Sep 2022 11:00

Tgt Ion:113 Resp: 72286
Ion Ratio Lower Upper
113 100
111 102.3 83.2 124.8
192 16.4 14.8 22.2

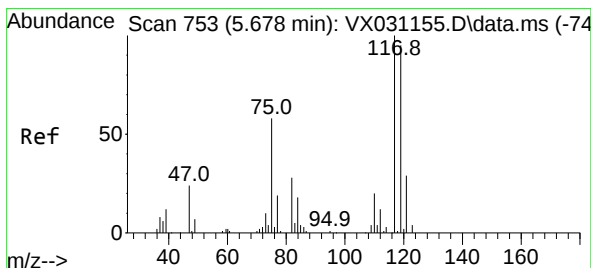
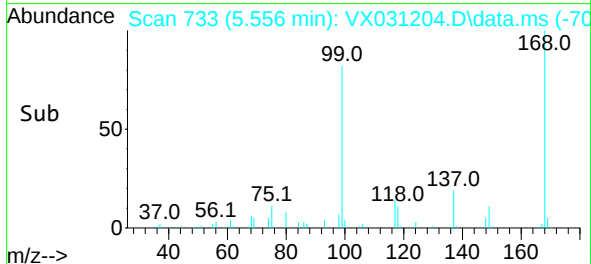
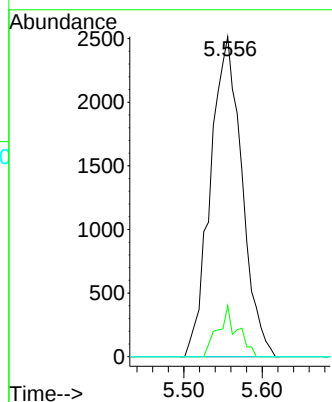
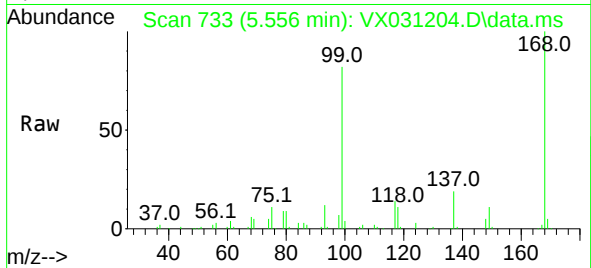




#36
1,1-Dichloropropene
Concen: 3.535 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX031204.D
Acq: 08 Sep 2022 11:00

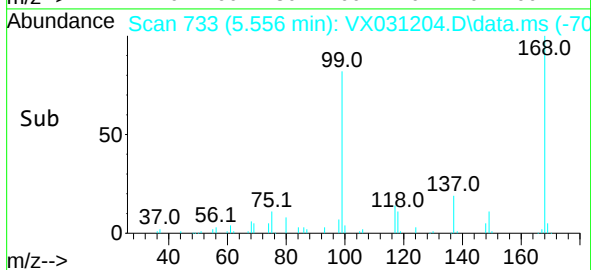
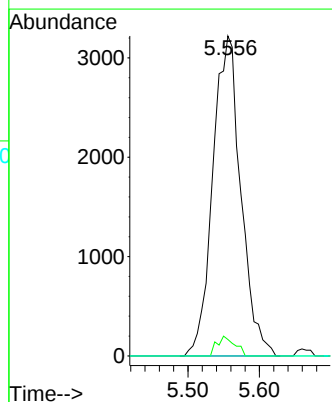
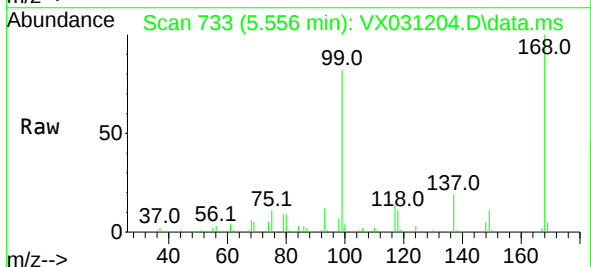
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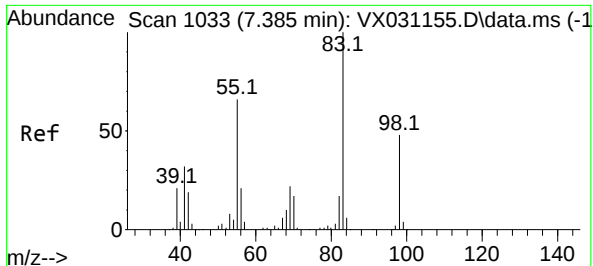
Tgt Ion: 75 Resp: 7022
Ion Ratio Lower Upper
75 100
110 9.9 19.3 57.9#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 4.198 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX031204.D
Acq: 08 Sep 2022 11:00

Tgt Ion: 117 Resp: 8774
Ion Ratio Lower Upper
117 100
119 5.2 74.1 111.1#
121 0.0 25.8 38.8#





#39

Methylcyclohexane

Concen: 0.287 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.262 min

Lab File: VX031204.D

Acq: 08 Sep 2022 11:00

Instrument :

MSVOA_X

ClientSampleId :

TT101D2-20220824DL

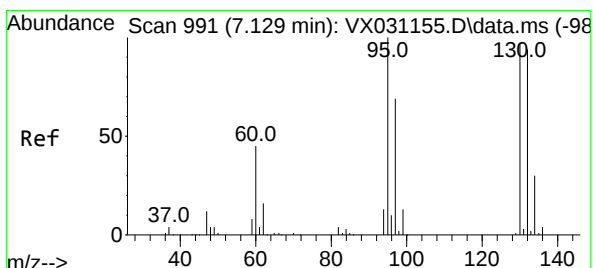
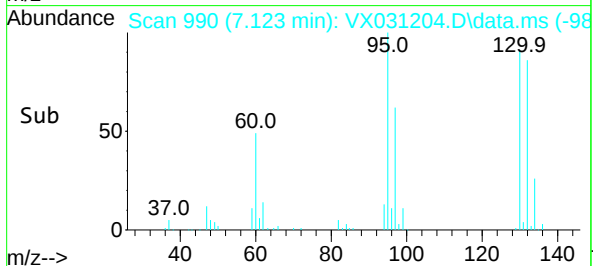
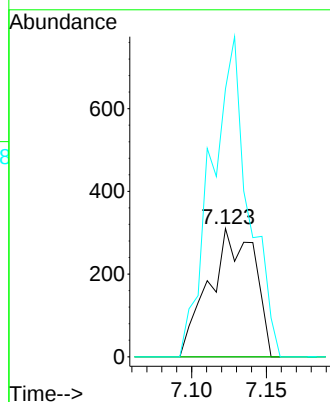
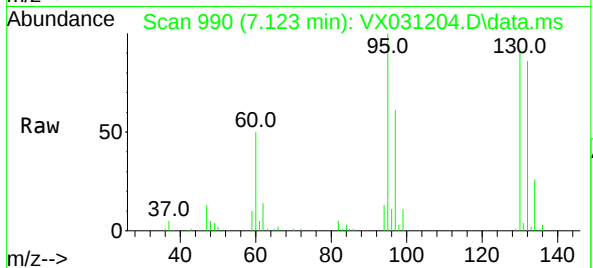
Tgt Ion: 83 Resp: 651

Ion Ratio Lower Upper

83 100

55 0.0 57.7 86.5#

98 209.0 36.5 54.7#



#44

Trichloroethene

Concen: 34.461 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX031204.D

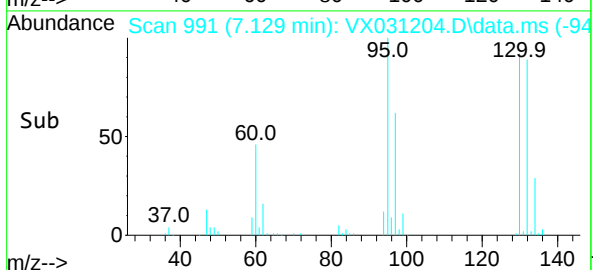
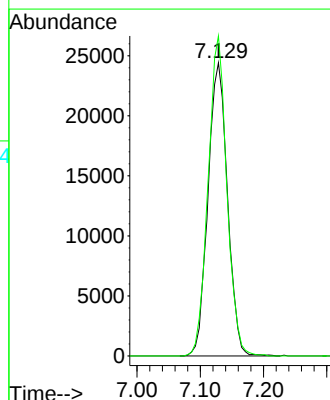
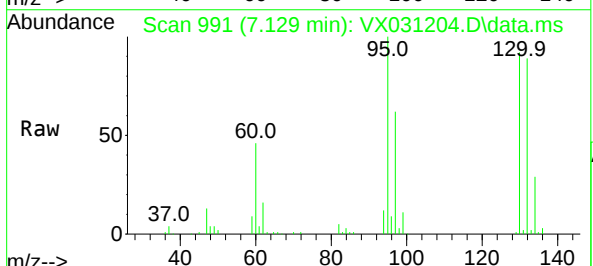
Acq: 08 Sep 2022 11:00

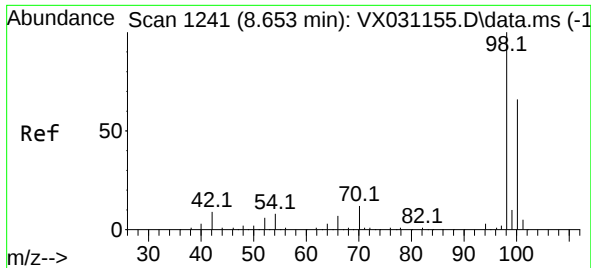
Tgt Ion:130 Resp: 52274

Ion Ratio Lower Upper

130 100

95 109.1 0.0 194.8

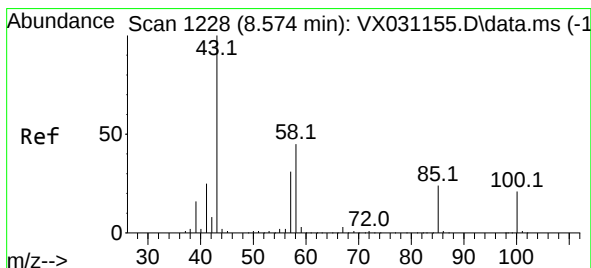
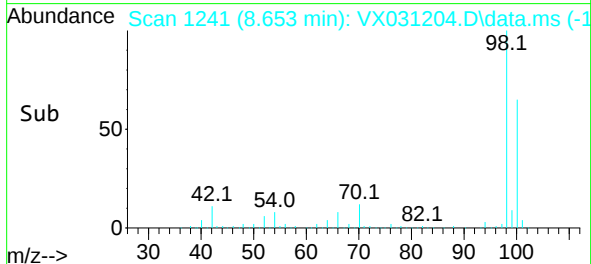
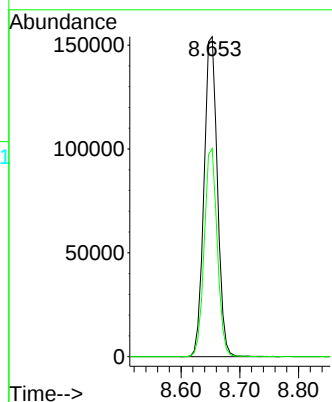
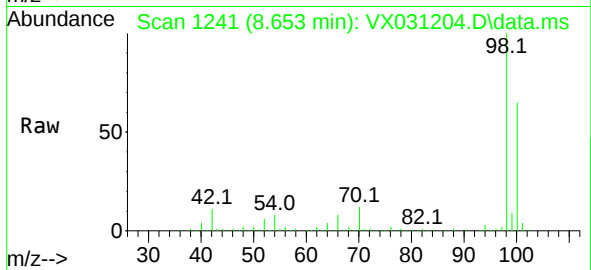




#50
Toluene-d8
Concen: 50.599 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX031204.D
Acq: 08 Sep 2022 11:00

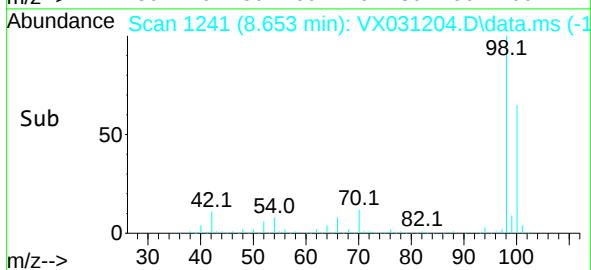
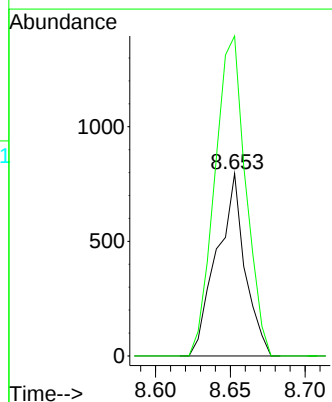
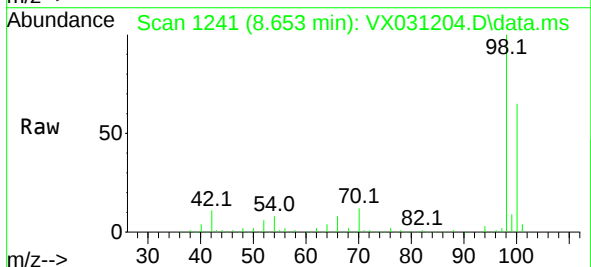
Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20220824DL

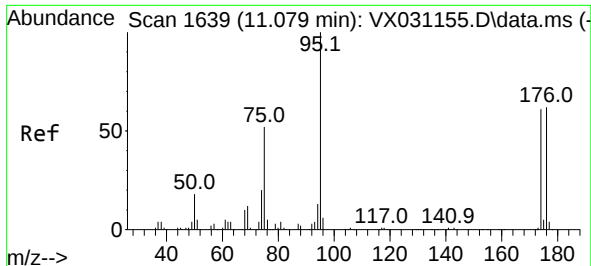
Tgt Ion: 98 Resp: 243859
Ion Ratio Lower Upper
98 100
100 63.5 52.3 78.5



#51
4-Methyl-2-Pentanone
Concen: 0.611 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX031204.D
Acq: 08 Sep 2022 11:00

Tgt Ion: 43 Resp: 1039
Ion Ratio Lower Upper
43 100
58 193.3 31.4 47.2#





#62

4-Bromofluorobenzene

Concen: 53.484 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX031204.D

Acq: 08 Sep 2022 11:00

Instrument :

MSVOA_X

ClientSampleId :

TT101D2-20220824DL

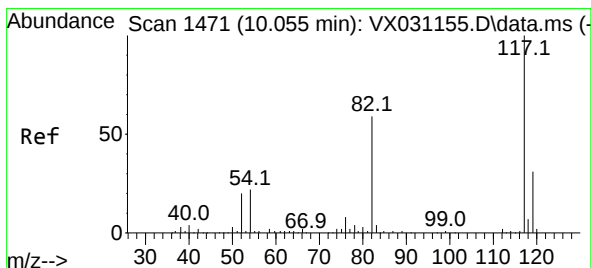
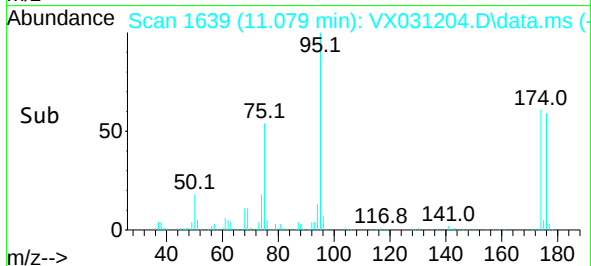
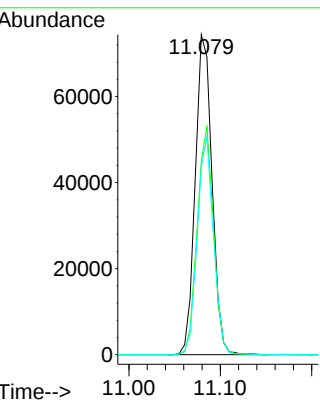
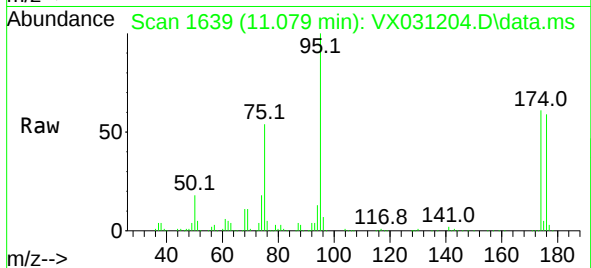
Tgt Ion: 95 Resp: 94462

Ion Ratio Lower Upper

95 100

174 69.5 0.0 149.0

176 65.8 0.0 146.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX031204.D

Acq: 08 Sep 2022 11:00

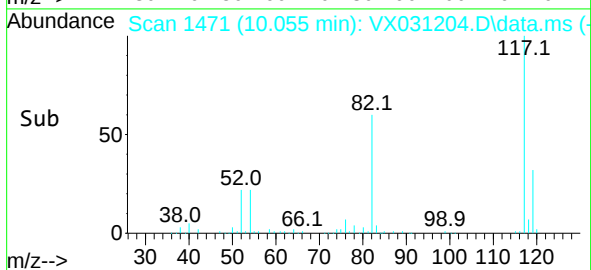
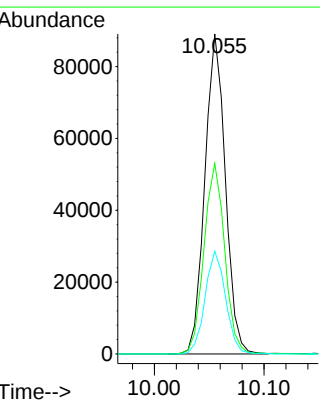
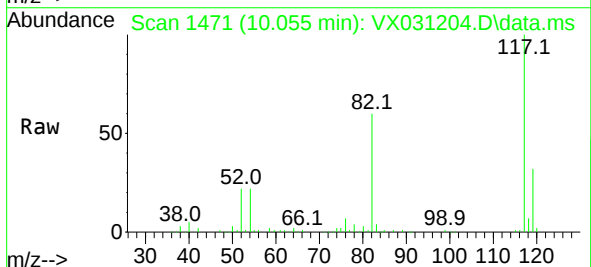
Tgt Ion: 117 Resp: 115776

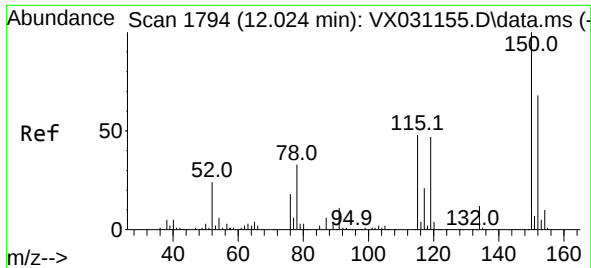
Ion Ratio Lower Upper

117 100

82 59.6 42.7 64.1

119 32.1 25.4 38.2

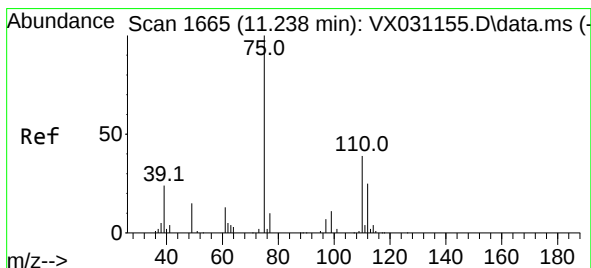
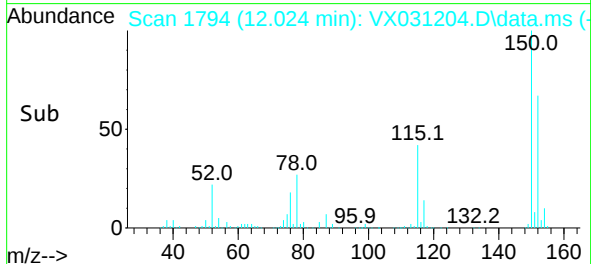
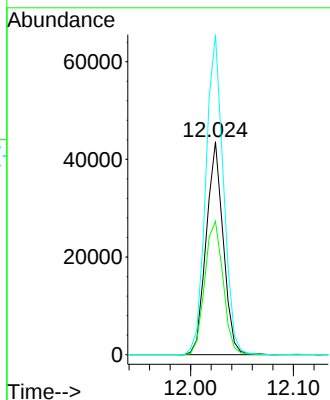
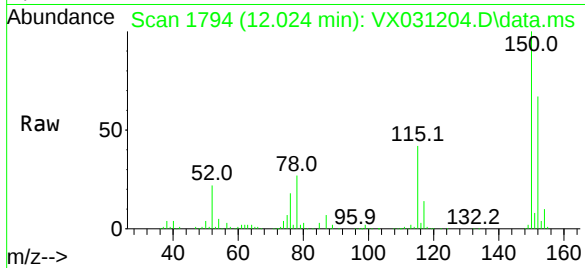




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031204.D
Acq: 08 Sep 2022 11:00

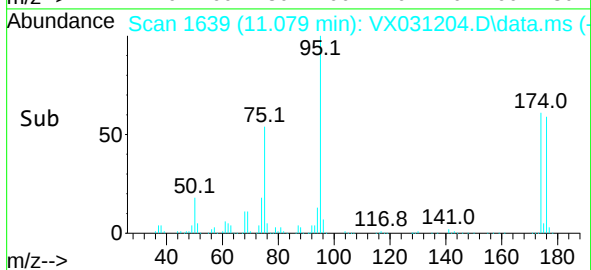
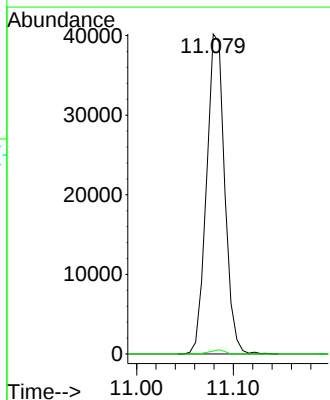
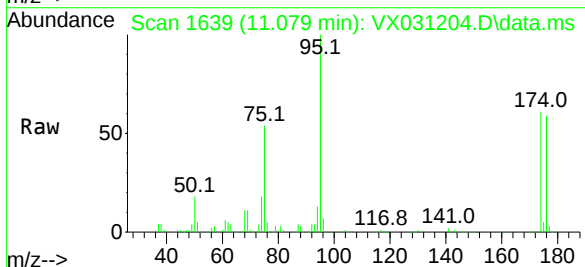
Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20220824DL

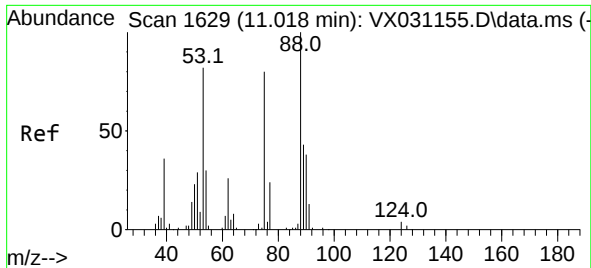
Tgt Ion:152 Resp: 50233
Ion Ratio Lower Upper
152 100
115 67.4 40.5 121.5
150 155.4 0.0 347.0



#76
1,2,3-Trichloropropane
Concen: 38.259 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031204.D
Acq: 08 Sep 2022 11:00

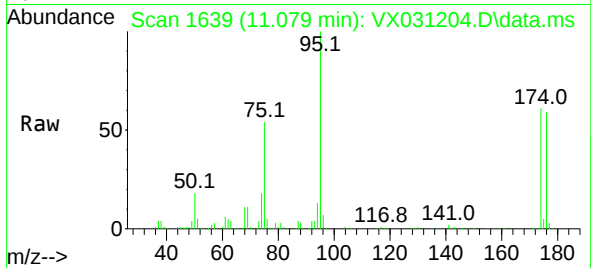
Tgt Ion: 75 Resp: 52451
Ion Ratio Lower Upper
75 100
77 1.0 19.8 59.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 123.382 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX031204.D
 Acq: 08 Sep 2022 11:00

Instrument :
 MSVOA_X
 ClientSampleId :
 TT101D2-20220824DL



Tgt Ion: 75 Resp: 52451
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.2 111.4#
 89 0.2 34.8 52.2#

