

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090722\
 Data File : VX031165.D
 Acq On : 07 Sep 2022 17:39
 Operator : JC/MD
 Sample : N4357-18DL 2X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT180D1-20220823DL

Quant Time: Sep 07 23:26:07 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)

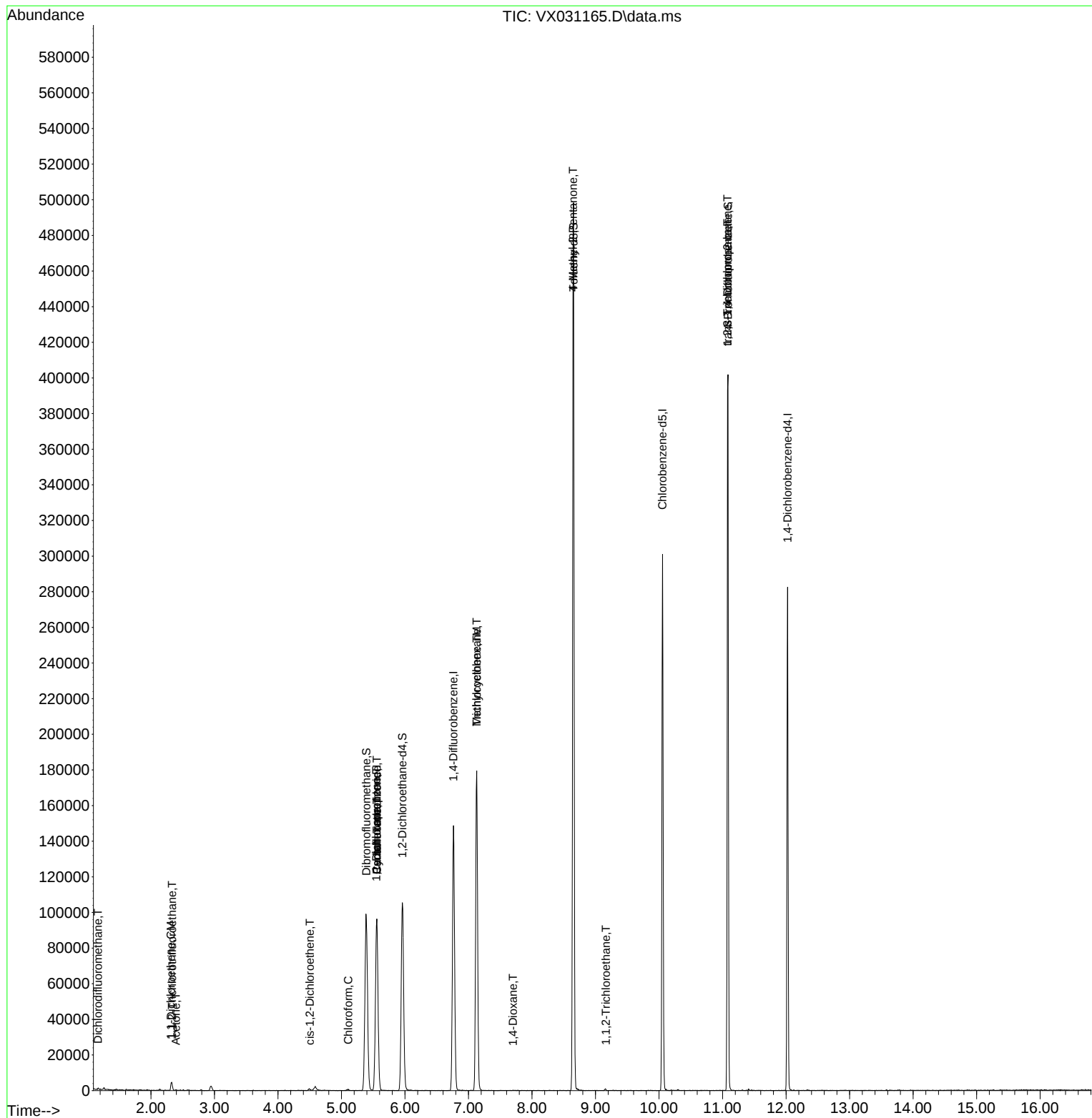
Internal Standards						
1) Pentafluorobenzene	5.556	168	84250	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	150300	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	132022	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	55863	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	112065	56.182	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	112.360%
35) Dibromofluoromethane	5.391	113	87497	53.421	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.840%
50) Toluene-d8	8.653	98	304665	51.198	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.400%
62) 4-Bromofluorobenzene	11.085	95	114062	52.304	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.600%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	440	0.325	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.331	101	1228	0.811	ug/l	89
11) Tert butyl alcohol	2.934	59	1506	Below Cal	#	74
12) 1,1-Dichloroethene	2.313	96	668	0.470	ug/l	# 87
16) Acetone	2.392	43	431	0.624	ug/l	# 82
27) cis-1,2-Dichloroethene	4.501	96	665	0.368	ug/l	76
30) Chloroform	5.105	83	874	0.278	ug/l	96
31) Cyclohexane	5.556	56	1891	0.848	ug/l	# 9
36) 1,1-Dichloropropene	5.550	75	7397	3.016	ug/l	# 44
38) Carbon Tetrachloride	5.556	117	9787	3.792	ug/l	# 16
39) Methylcyclohexane	7.129	83	856	0.306	ug/l	# 1
44) Trichloroethene	7.129	130	70207	37.484	ug/l	92
49) 1,4-Dioxane	7.702	88	151	3.274	ug/l	# 25
51) 4-Methyl-2-Pentanone	8.647	43	1180	0.562	ug/l	# 1
55) 1,1,2-Trichloroethane	9.165	97	467	0.258	ug/l	# 27
76) 1,2,3-Trichloropropane	11.079	75	59781	39.211	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	59781	126.452	ug/l	# 12

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

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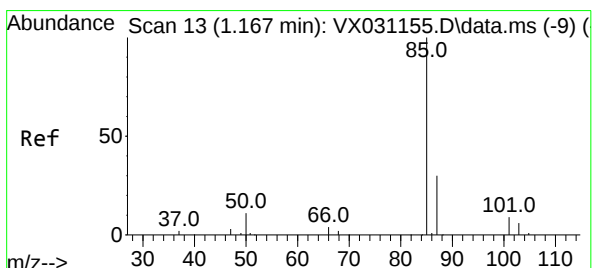
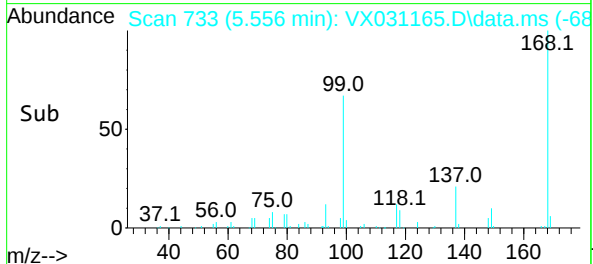
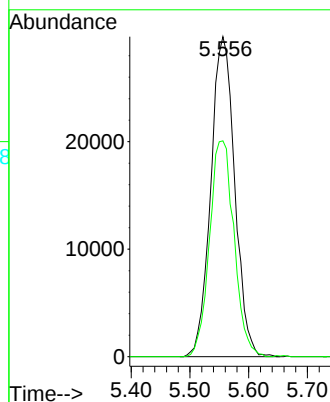
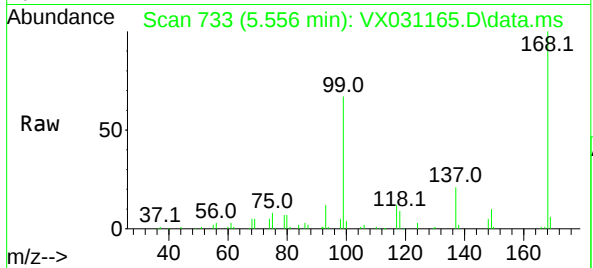




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031165.D
Acq: 07 Sep 2022 17:39

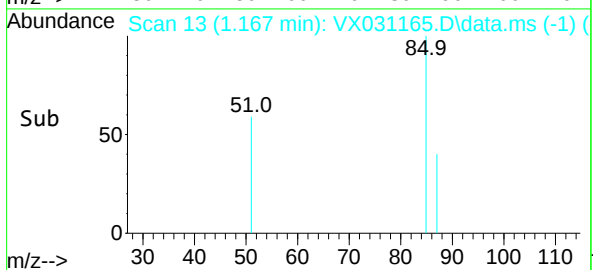
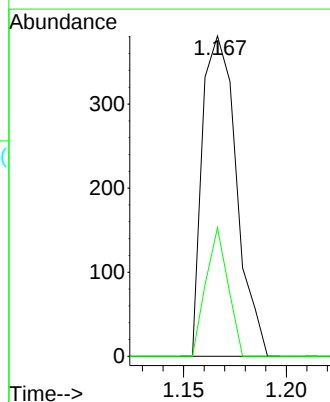
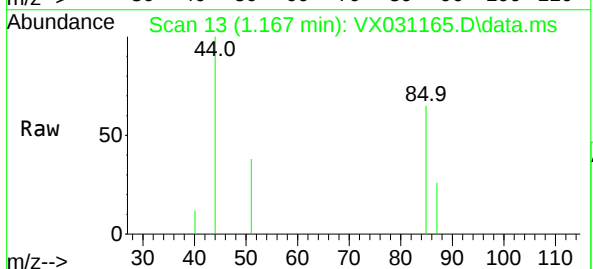
Instrument :
MSVOA_X
ClientSampleId :
TT180D1-20220823DL

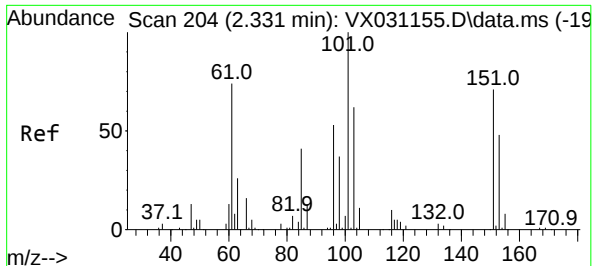
Tgt Ion:168 Resp: 84250
Ion Ratio Lower Upper
168 100
99 67.4 44.0 66.0#



#2
Dichlorodifluoromethane
Concen: 0.325 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX031165.D
Acq: 07 Sep 2022 17:39

Tgt Ion: 85 Resp: 440
Ion Ratio Lower Upper
85 100
87 40.2 16.5 49.5

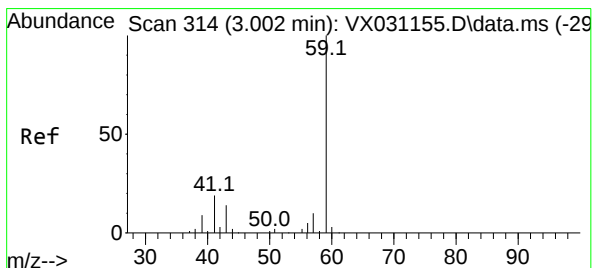
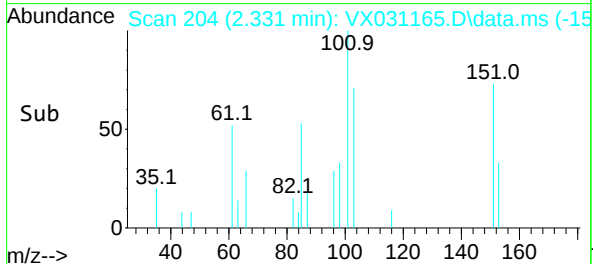
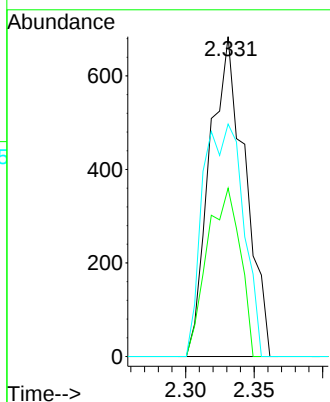
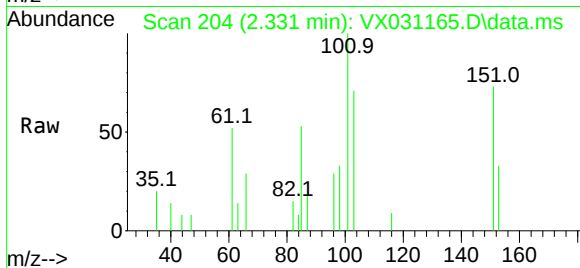




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.811 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX031165.D
Acq: 07 Sep 2022 17:39

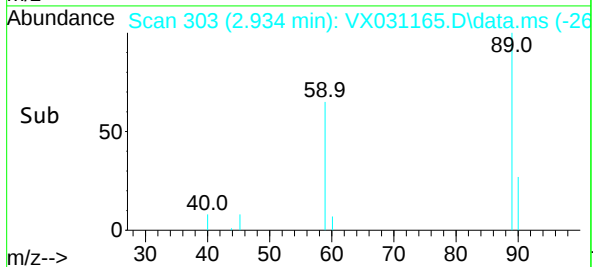
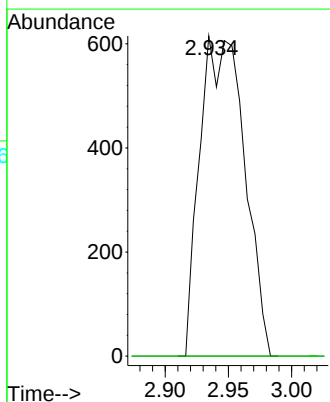
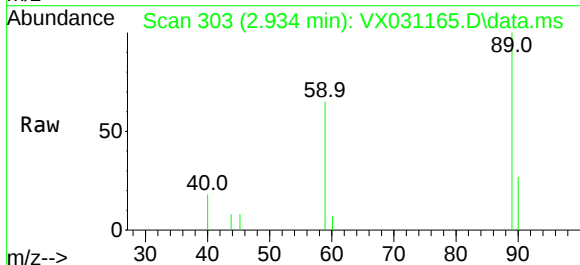
Instrument :
MSVOA_X
ClientSampleId :
TT180D1-20220823DL

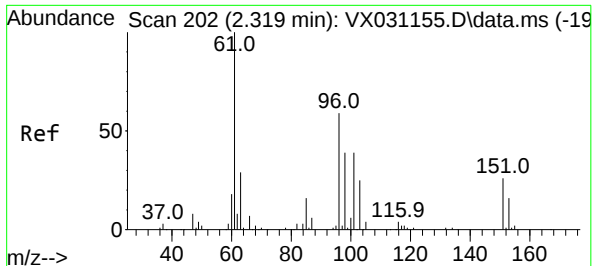
Tgt Ion:101 Resp: 1228
Ion Ratio Lower Upper
101 100
85 48.9 34.0 51.0
151 83.6 59.4 89.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.934 min Scan# 303
Delta R.T. -0.068 min
Lab File: VX031165.D
Acq: 07 Sep 2022 17:39

Tgt Ion: 59 Resp: 1506
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#





#12

1,1-Dichloroethene

Concen: 0.470 ug/l

RT: 2.313 min Scan# 20

Delta R.T. -0.006 min

Lab File: VX031165.D

Acq: 07 Sep 2022 17:39

Instrument :

MSVOA_X

ClientSampleId :

TT180D1-20220823DL

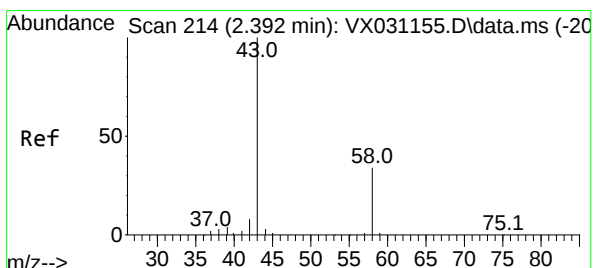
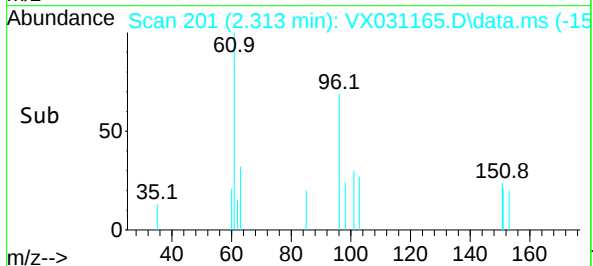
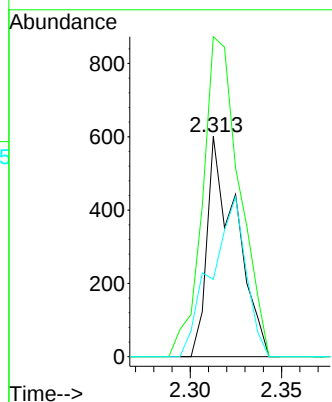
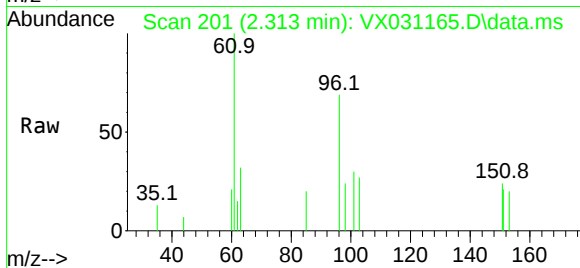
Tgt Ion: 96 Resp: 668

Ion Ratio Lower Upper

96 100

61 145.3 117.4 176.0

98 35.1 52.2 78.4#



#16

Acetone

Concen: 0.624 ug/l

RT: 2.392 min Scan# 214

Delta R.T. 0.000 min

Lab File: VX031165.D

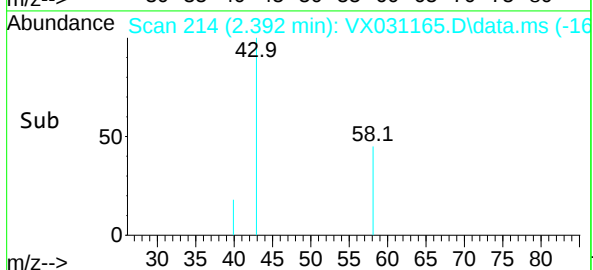
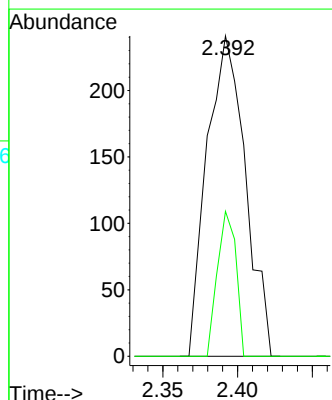
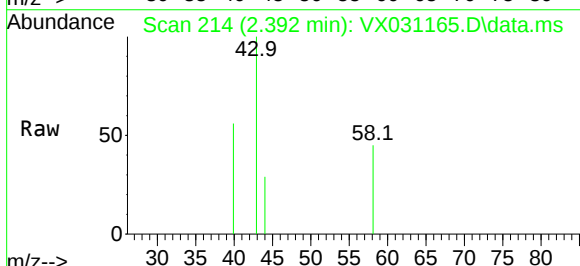
Acq: 07 Sep 2022 17:39

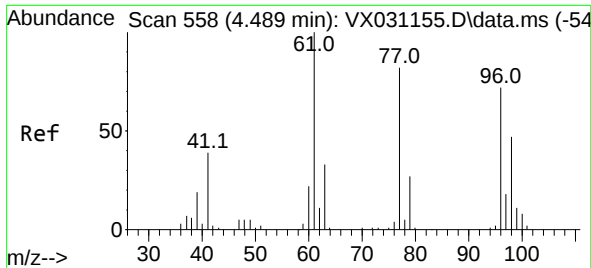
Tgt Ion: 43 Resp: 431

Ion Ratio Lower Upper

43 100

58 45.2 27.7 41.5#

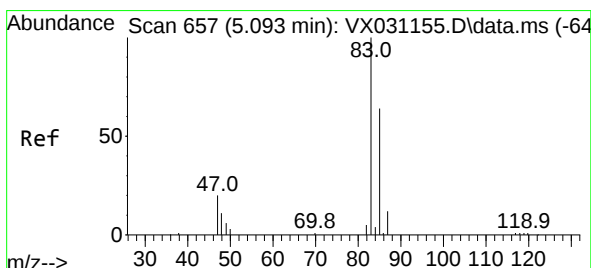
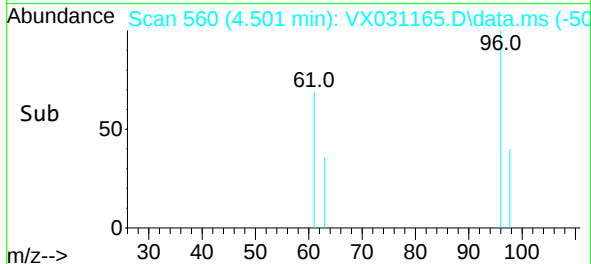
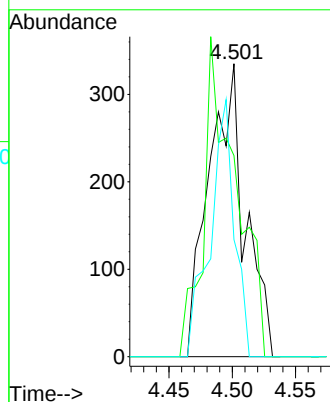
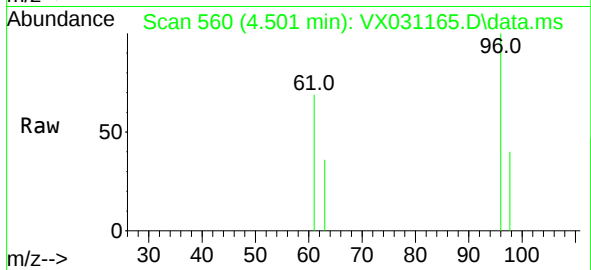




#27
 cis-1,2-Dichloroethene
 Concen: 0.368 ug/l
 RT: 4.501 min Scan# 50
 Delta R.T. 0.012 min
 Lab File: VX031165.D
 Acq: 07 Sep 2022 17:39

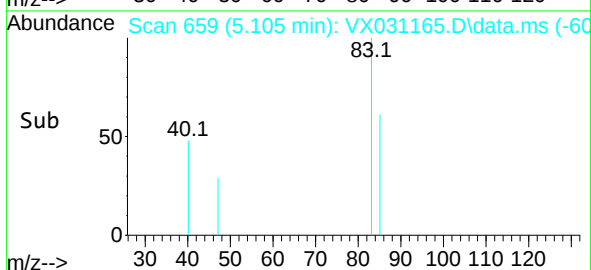
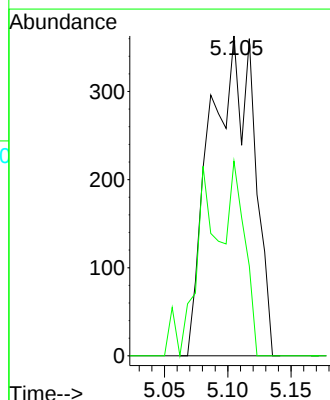
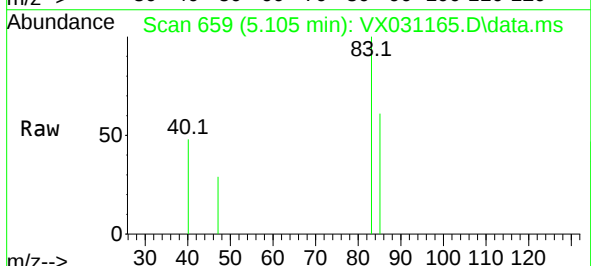
Instrument :
 MSVOA_X
 ClientSampleId :
 TT180D1-20220823DL

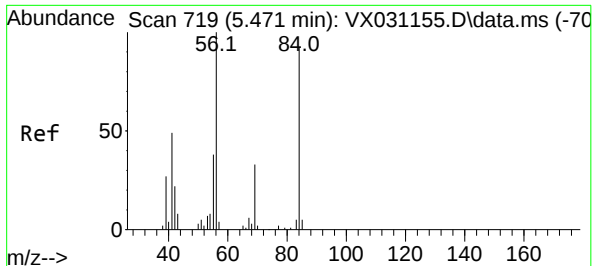
Tgt Ion: 96 Resp: 665
 Ion Ratio Lower Upper
 96 100
 61 97.1 0.0 270.0
 98 58.9 0.0 127.8



#30
 Chloroform
 Concen: 0.278 ug/l
 RT: 5.105 min Scan# 659
 Delta R.T. 0.012 min
 Lab File: VX031165.D
 Acq: 07 Sep 2022 17:39

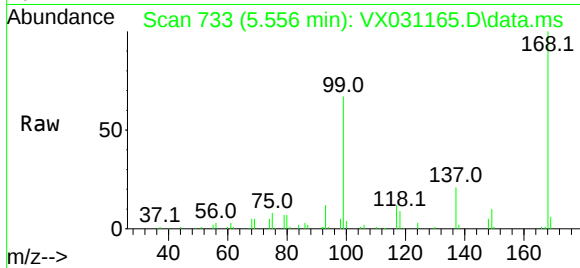
Tgt Ion: 83 Resp: 874
 Ion Ratio Lower Upper
 83 100
 85 60.9 51.5 77.3



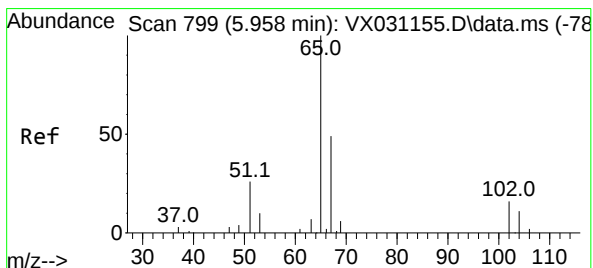
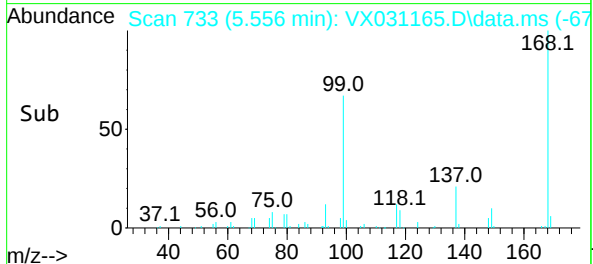
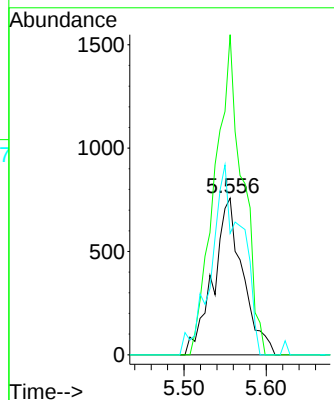


#31
Cyclohexane
Concen: 0.848 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX031165.D
Acq: 07 Sep 2022 17:39

Instrument :
MSVOA_X
ClientSampleId :
TT180D1-20220823DL

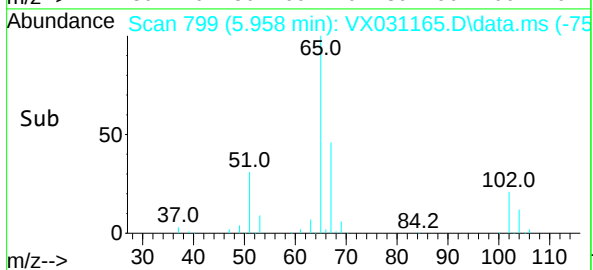
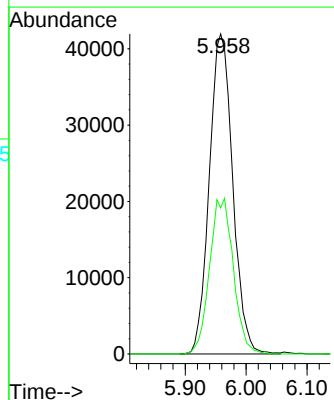
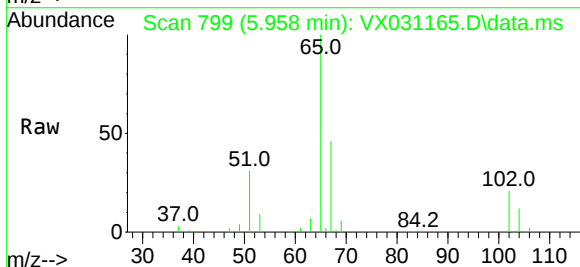


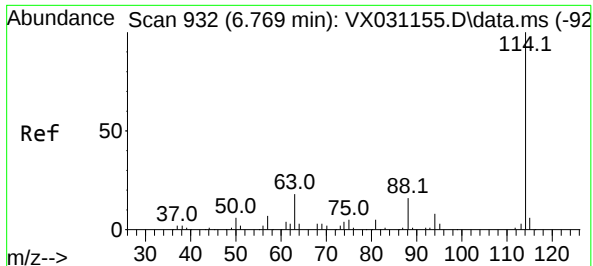
Tgt Ion: 56 Resp: 1891
Ion Ratio Lower Upper
56 100
69 204.4 25.4 38.0#
84 77.4 68.9 103.3



#33
1,2-Dichloroethane-d4
Concen: 56.182 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031165.D
Acq: 07 Sep 2022 17:39

Tgt Ion: 65 Resp: 112065
Ion Ratio Lower Upper
65 100
67 49.5 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: VX031165.D

Acq: 07 Sep 2022 17:39

Instrument :

MSVOA_X

ClientSampleId :

TT180D1-20220823DL

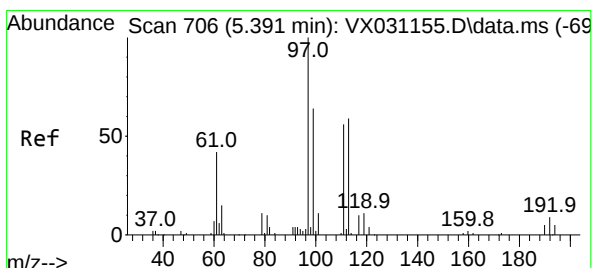
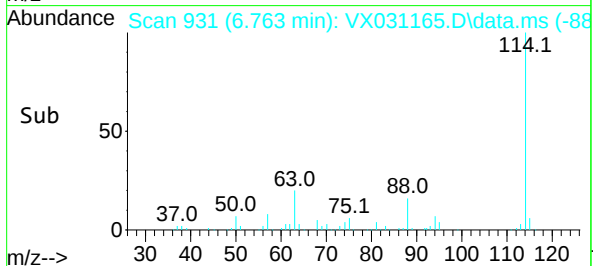
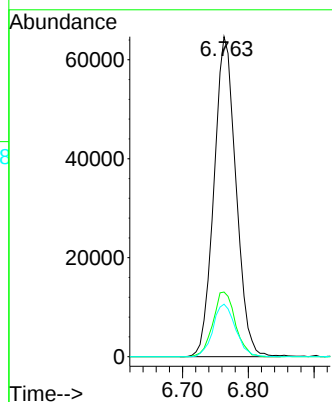
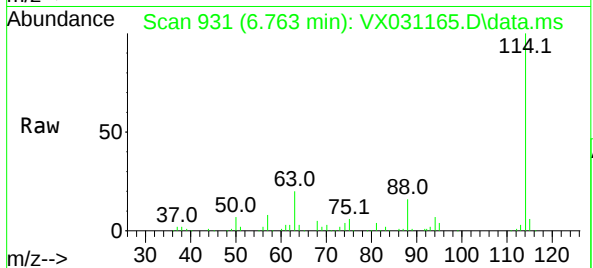
Tgt Ion:114 Resp: 150300

Ion Ratio Lower Upper

114 100

63 20.2 0.0 38.4

88 16.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 53.421 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX031165.D

Acq: 07 Sep 2022 17:39

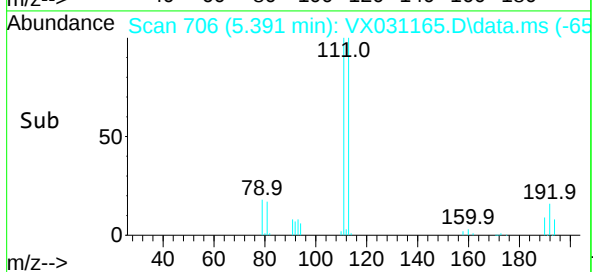
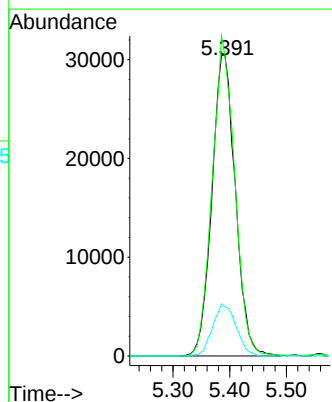
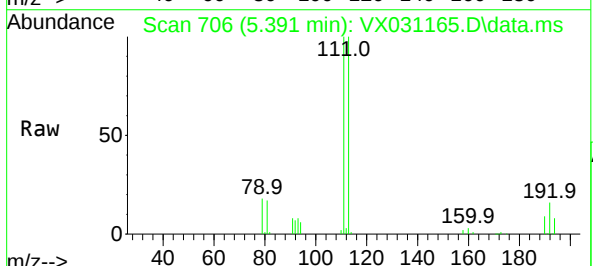
Tgt Ion:113 Resp: 87497

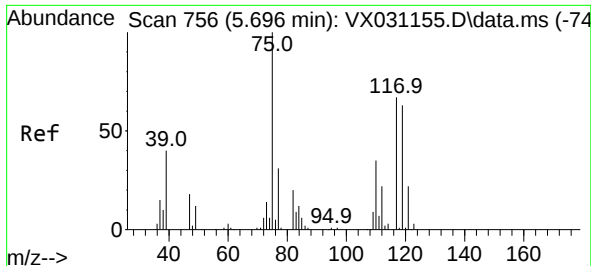
Ion Ratio Lower Upper

113 100

111 102.1 83.2 124.8

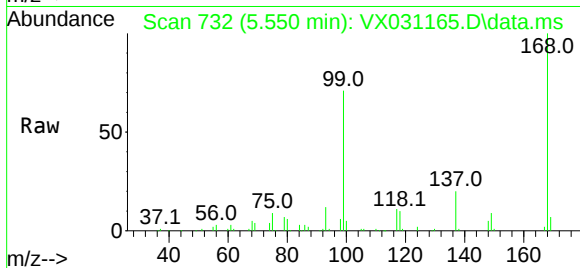
192 17.2 14.8 22.2



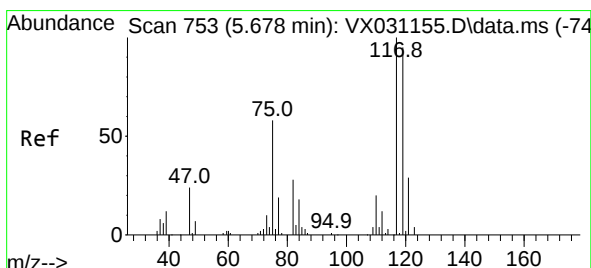
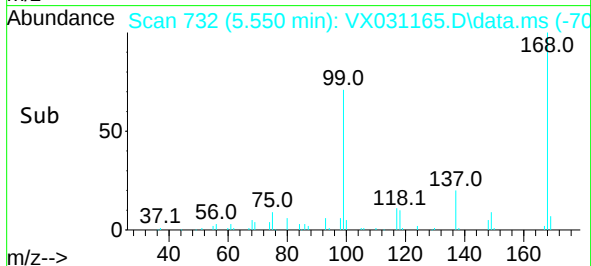
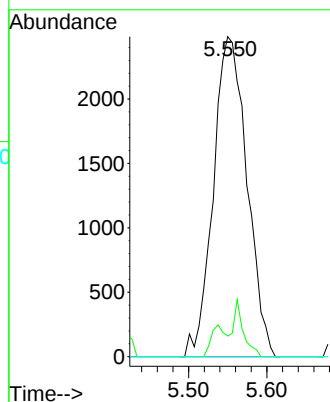


#36
 1,1-Dichloropropene
 Concen: 3.016 ug/l
 RT: 5.550 min Scan# 713
 Delta R.T. -0.146 min
 Lab File: VX031165.D
 Acq: 07 Sep 2022 17:39

Instrument :
 MSVOA_X
 ClientSampleId :
 TT180D1-20220823DL

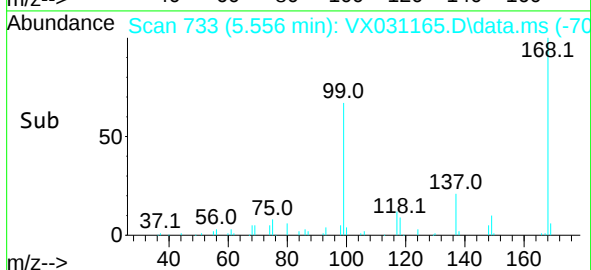
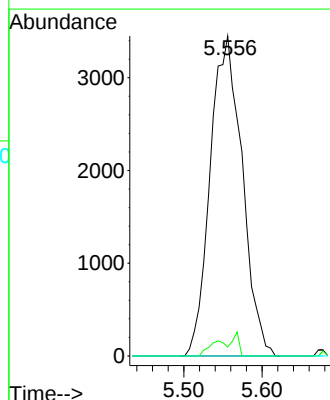
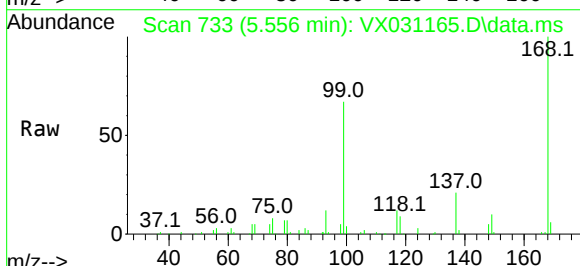


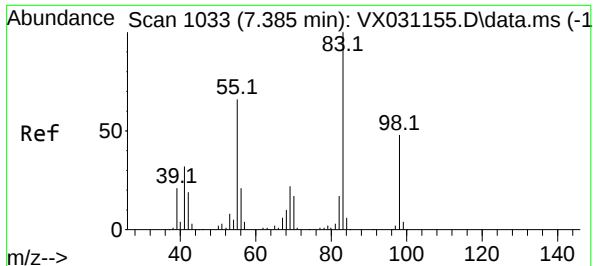
Tgt Ion: 75 Resp: 7397
 Ion Ratio Lower Upper
 75 100
 110 4.4 19.3 57.9#
 77 0.0 24.4 36.6#



#38
 Carbon Tetrachloride
 Concen: 3.792 ug/l
 RT: 5.556 min Scan# 733
 Delta R.T. -0.122 min
 Lab File: VX031165.D
 Acq: 07 Sep 2022 17:39

Tgt Ion: 117 Resp: 9787
 Ion Ratio Lower Upper
 117 100
 119 2.8 74.1 111.1#
 121 0.0 25.8 38.8#





#39

Methylcyclohexane

Concen: 0.306 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.256 min

Lab File: VX031165.D

Acq: 07 Sep 2022 17:39

Instrument :

MSVOA_X

ClientSampleId :

TT180D1-20220823DL

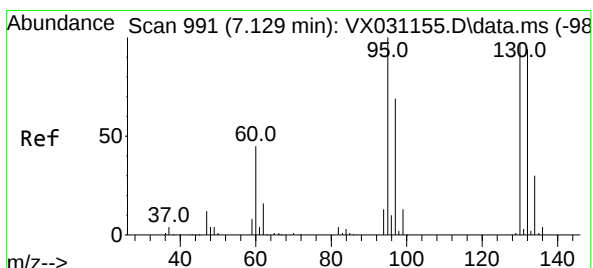
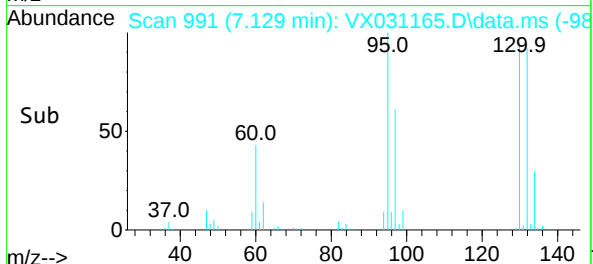
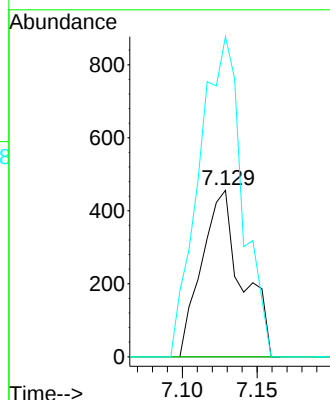
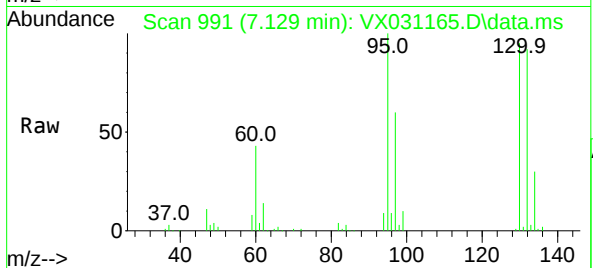
Tgt Ion: 83 Resp: 856

Ion Ratio Lower Upper

83 100

55 0.0 57.7 86.5#

98 192.3 36.5 54.7#



#44

Trichloroethene

Concen: 37.484 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX031165.D

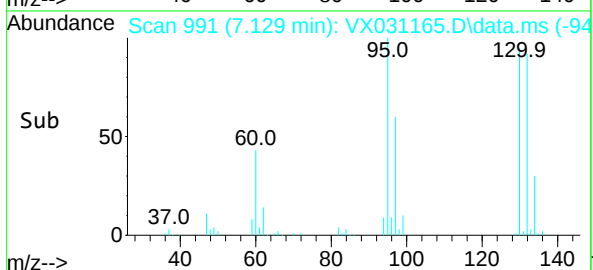
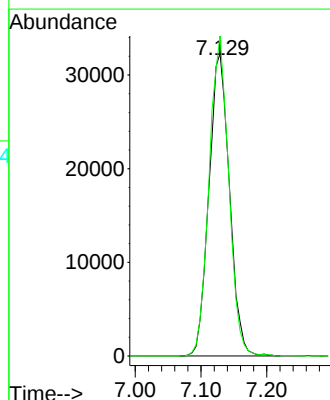
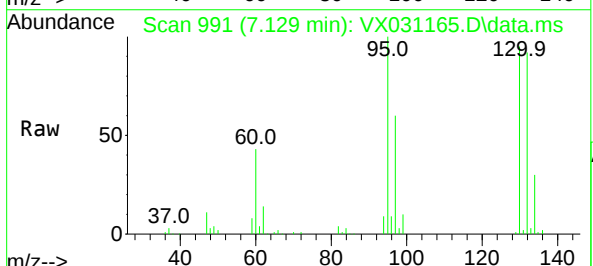
Acq: 07 Sep 2022 17:39

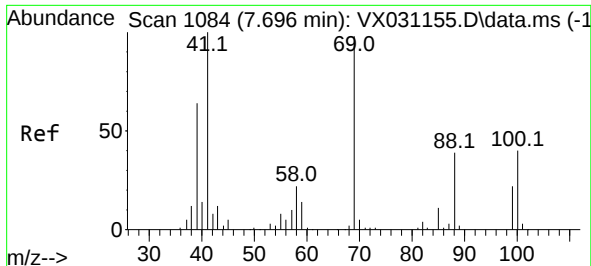
Tgt Ion:130 Resp: 70207

Ion Ratio Lower Upper

130 100

95 105.7 0.0 194.8





#49

1,4-Dioxane

Concen: 3.274 ug/l

RT: 7.702 min Scan# 1085

Delta R.T. 0.006 min

Lab File: VX031165.D

Acq: 07 Sep 2022 17:39

Instrument :

MSVOA_X

ClientSampleId :

TT180D1-20220823DL

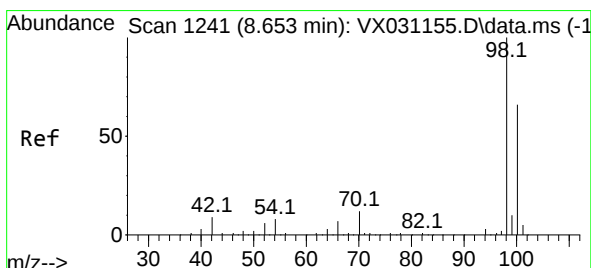
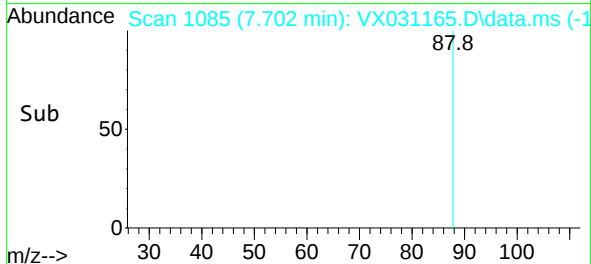
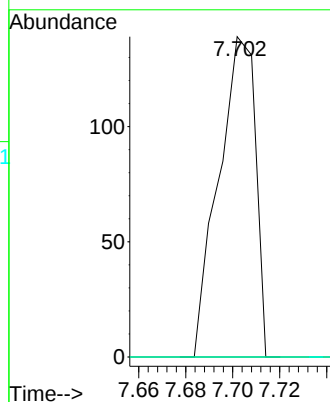
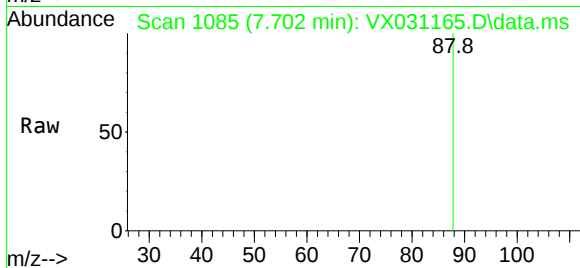
Tgt Ion: 88 Resp: 151

Ion Ratio Lower Upper

88 100

43 0.0 23.8 35.8#

58 0.0 53.8 80.6#



#50

Toluene-d8

Concen: 51.198 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX031165.D

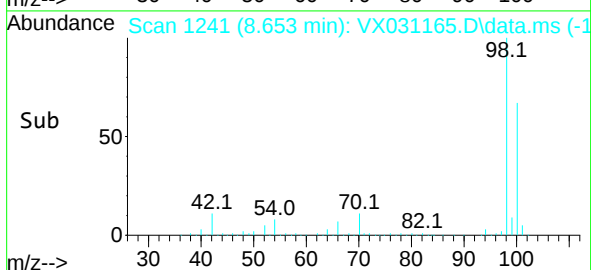
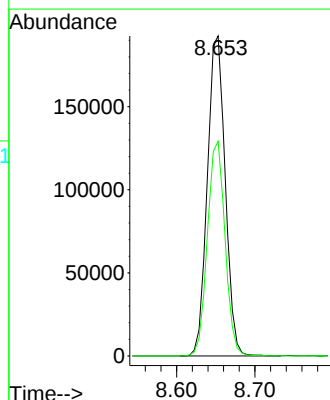
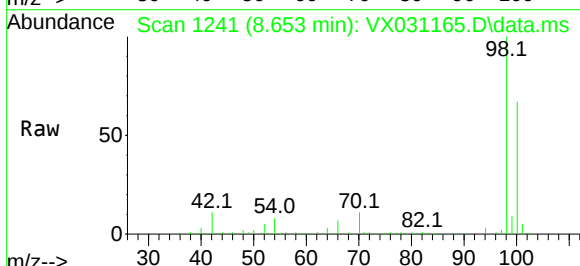
Acq: 07 Sep 2022 17:39

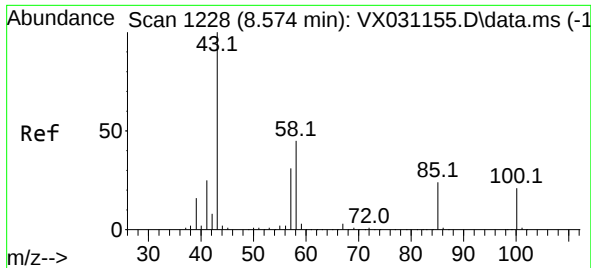
Tgt Ion: 98 Resp: 304665

Ion Ratio Lower Upper

98 100

100 66.3 52.3 78.5

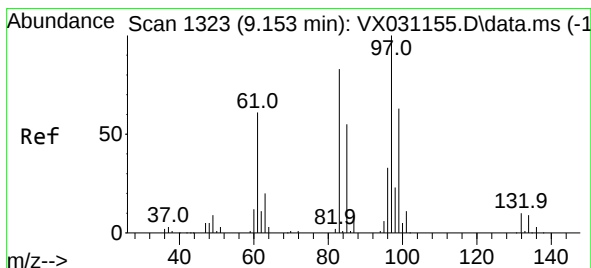
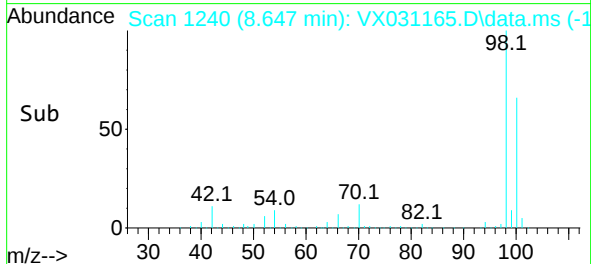
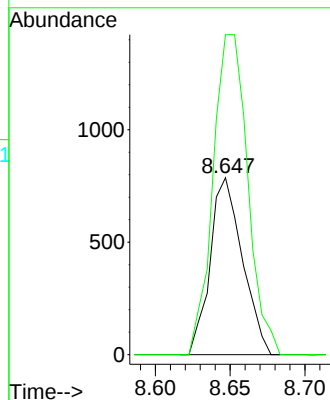
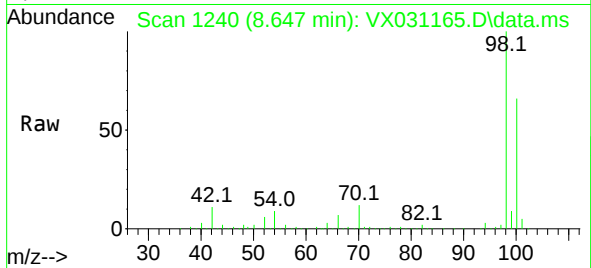




#51
4-Methyl-2-Pentanone
Concen: 0.562 ug/l
RT: 8.647 min Scan# 1180
Delta R.T. 0.073 min
Lab File: VX031165.D
Acq: 07 Sep 2022 17:39

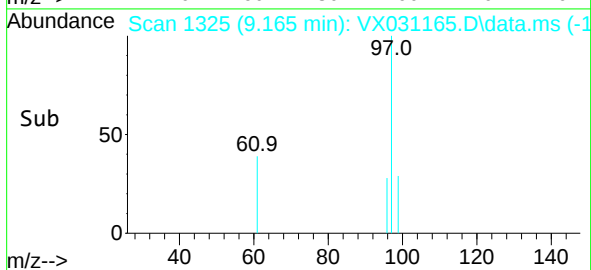
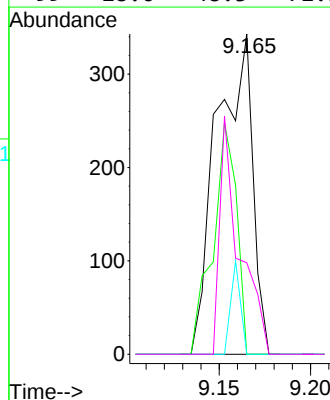
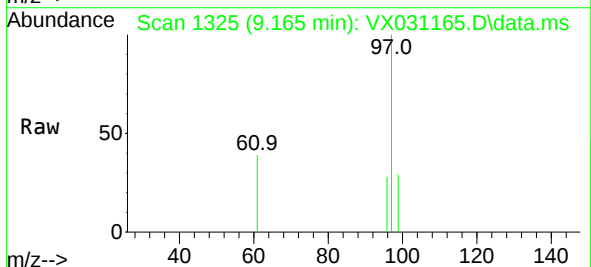
Instrument :
MSVOA_X
ClientSampleId :
TT180D1-20220823DL

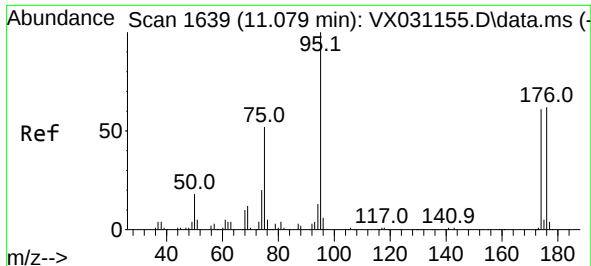
Tgt Ion: 43 Resp: 1180
Ion Ratio Lower Upper
43 100
58 194.7 31.4 47.2#



#55
1,1,2-Trichloroethane
Concen: 0.258 ug/l
RT: 9.165 min Scan# 1325
Delta R.T. 0.012 min
Lab File: VX031165.D
Acq: 07 Sep 2022 17:39

Tgt Ion: 97 Resp: 467
Ion Ratio Lower Upper
97 100
83 0.0 68.9 103.3#
85 0.0 44.0 66.0#
99 28.6 48.3 72.5#





#62

4-Bromofluorobenzene

Concen: 52.304 ug/l

RT: 11.085 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX031165.D

Acq: 07 Sep 2022 17:39

Instrument :

MSVOA_X

ClientSampleId :

TT180D1-20220823DL

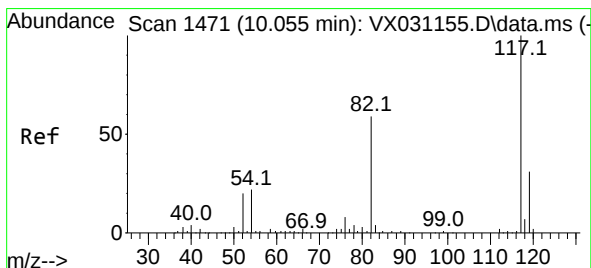
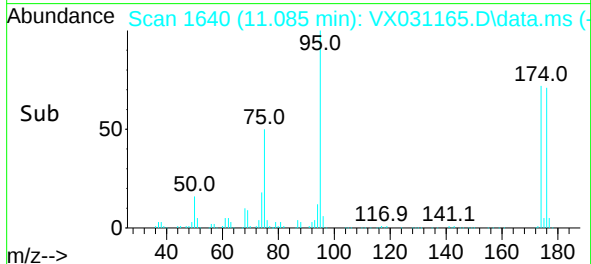
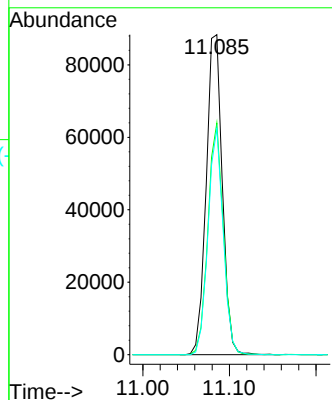
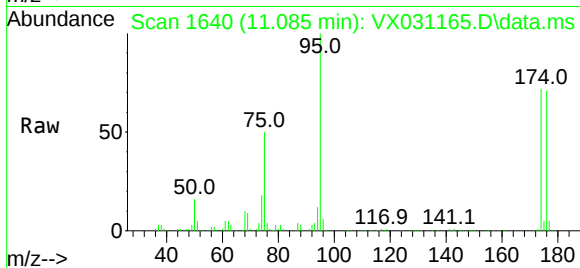
Tgt Ion: 95 Resp: 114062

Ion Ratio Lower Upper

95 100

174 69.2 0.0 149.0

176 66.4 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: VX031165.D

Acq: 07 Sep 2022 17:39

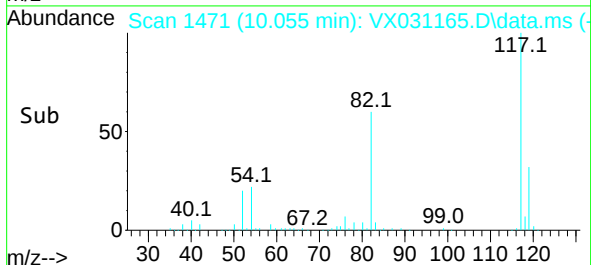
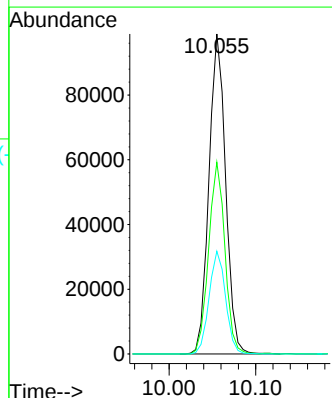
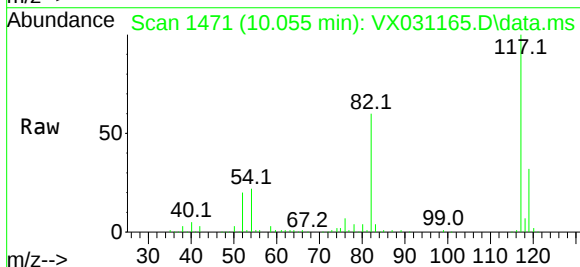
Tgt Ion: 117 Resp: 132022

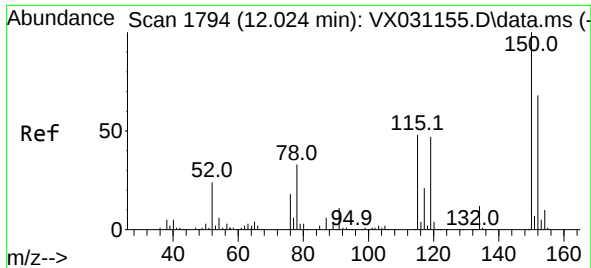
Ion Ratio Lower Upper

117 100

82 59.9 42.7 64.1

119 32.1 25.4 38.2

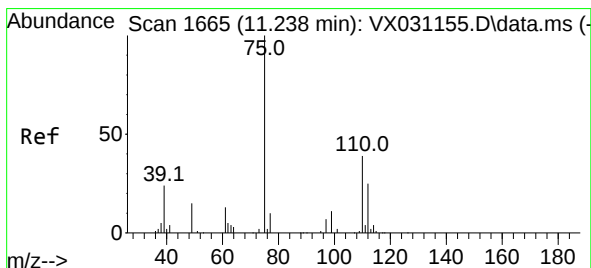
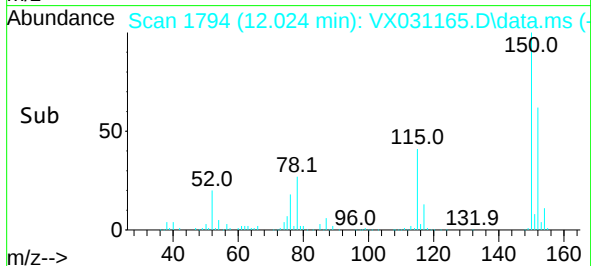
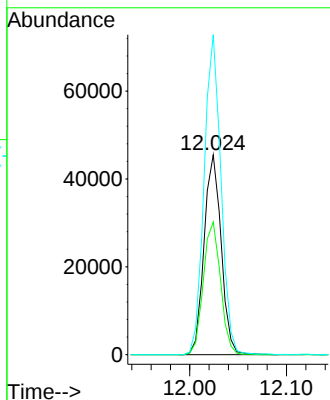
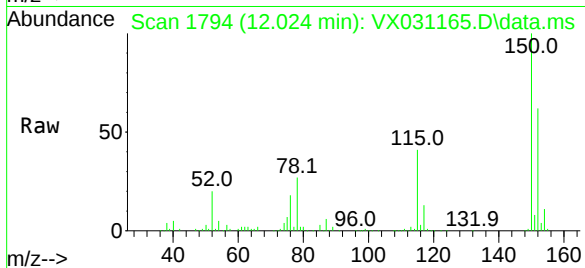




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX031165.D
Acq: 07 Sep 2022 17:39

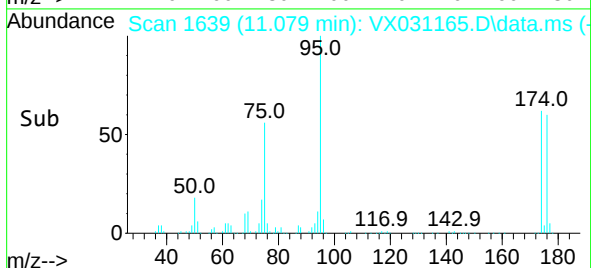
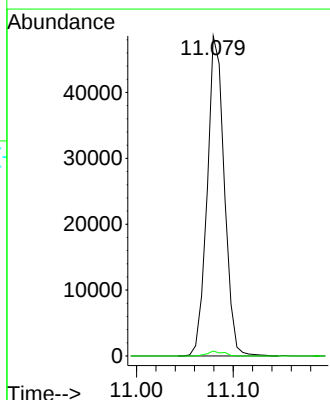
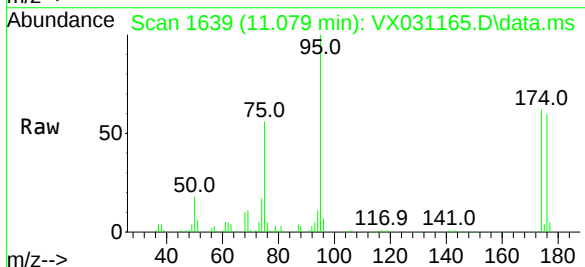
Instrument :
MSVOA_X
ClientSampleId :
TT180D1-20220823DL

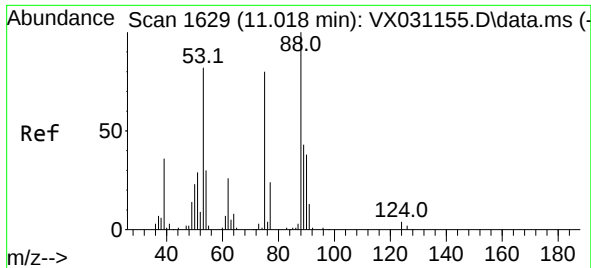
Tgt Ion:152 Resp: 55863
Ion Ratio Lower Upper
152 100
115 66.9 40.5 121.5
150 158.0 0.0 347.0



#76
1,2,3-Trichloropropane
Concen: 39.211 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031165.D
Acq: 07 Sep 2022 17:39

Tgt Ion: 75 Resp: 59781
Ion Ratio Lower Upper
75 100
77 1.4 19.8 59.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 126.452 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX031165.D
 Acq: 07 Sep 2022 17:39

Instrument :
 MSVOA_X
 ClientSampleId :
 TT180D1-20220823DL

Tgt Ion: 75 Resp: 59781
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.2 111.4#
 89 0.0 34.8 52.2#

