

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092122\
 Data File : VX031548.D
 Acq On : 22 Sep 2022 04:33
 Operator : JC/MD
 Sample : N4642-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2R

Quant Time: Sep 22 09:21:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 09:45:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	75965	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	123952	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	111365	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	49505	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	75613	54.266	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	108.540%
35) Dibromofluoromethane	5.391	113	64852	50.628	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.260%
50) Toluene-d8	8.653	98	246289	49.873	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.740%
62) 4-Bromofluorobenzene	11.079	95	76314	45.621	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.240%

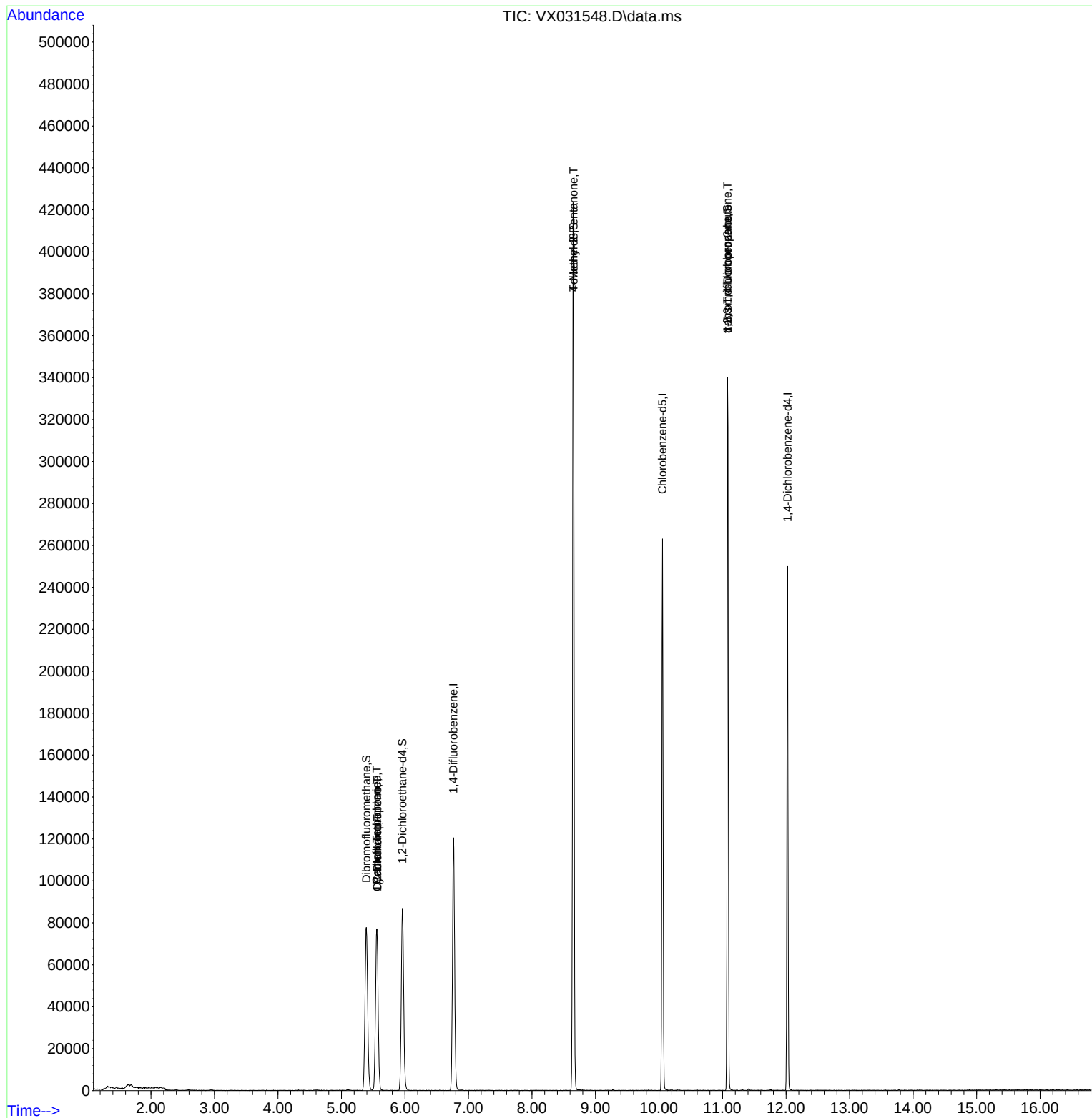
Target Compounds					Qvalue
6) Chloroethane	1.679	64	126	Below Cal	# 43
11) Tert butyl alcohol	2.934	59	250	Below Cal	# 73
16) Acetone	2.392	43	472	Below Cal	# 80
31) Cyclohexane	5.562	56	1824	0.883 ug/l	# 51
36) 1,1-Dichloropropene	5.562	75	6135	3.114 ug/l	# 50
38) Carbon Tetrachloride	5.556	117	7469	3.420 ug/l	# 17
51) 4-Methyl-2-Pentanone	8.653	43	1312	0.565 ug/l	# 1
75) 1,1,2,2-Tetrachloroethane	11.085	83	79	Below Cal	# 9
76) 1,2,3-Trichloropropane	11.079	75	42763	38.703 ug/l	# 37
81) trans-1,4-Dichloro-2-b...	11.079	75	42763	124.618 ug/l	# 11

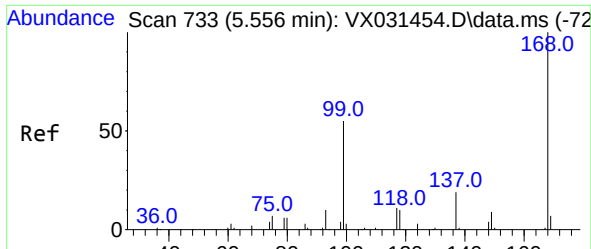
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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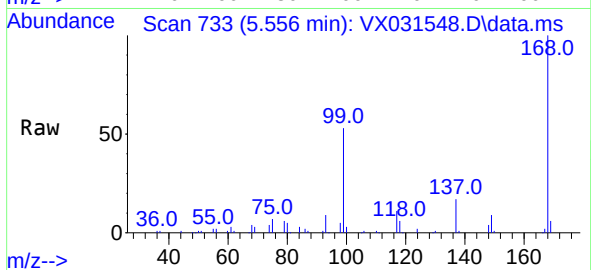
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 20 09:45:29 2022
Response via : Initial Calibration



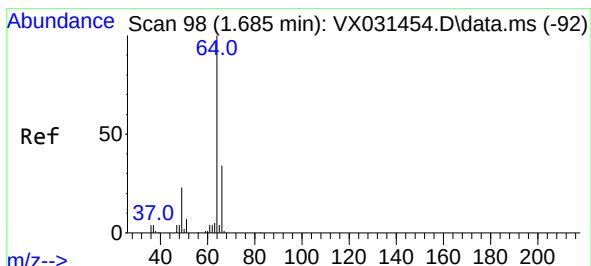
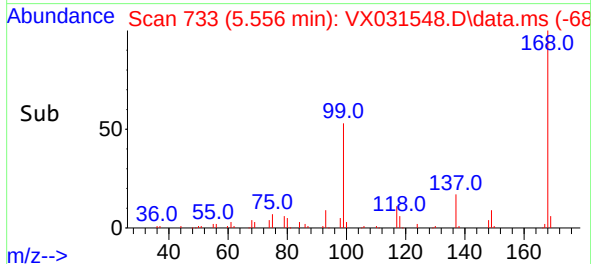
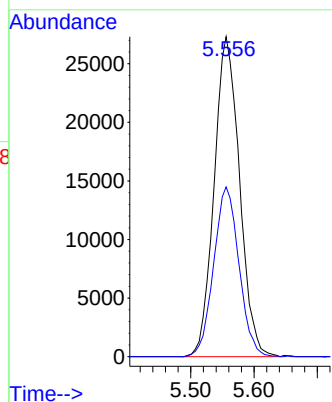


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031548.D
Acq: 22 Sep 2022 04:33

Instrument :
MSVOA_X
ClientSampleId :
MW-2R

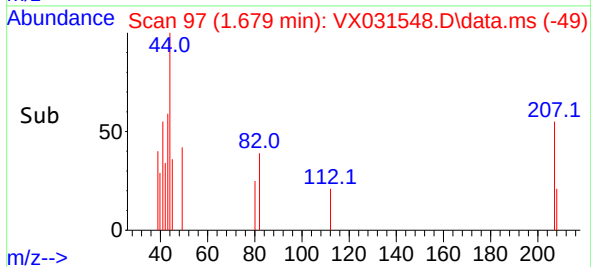
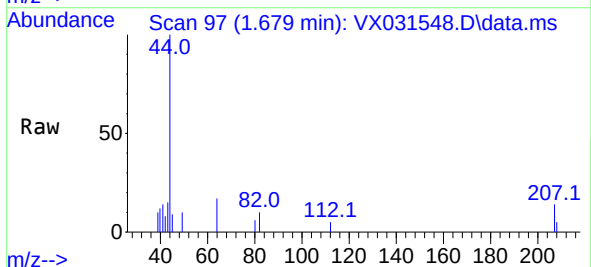


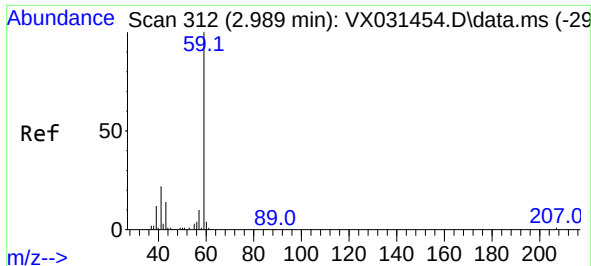
Tgt Ion:168 Resp: 75965
Ion Ratio Lower Upper
168 100
99 53.1 48.8 73.2



#6
Chloroethane
Concen: Below Cal
RT: 1.679 min Scan# 97
Delta R.T. -0.006 min
Lab File: VX031548.D
Acq: 22 Sep 2022 04:33

Tgt Ion: 64 Resp: 126
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.934 min Scan# 30

Delta R.T. -0.055 min

Lab File: VX031548.D

Acq: 22 Sep 2022 04:33

Instrument :

MSVOA_X

ClientSampleId :

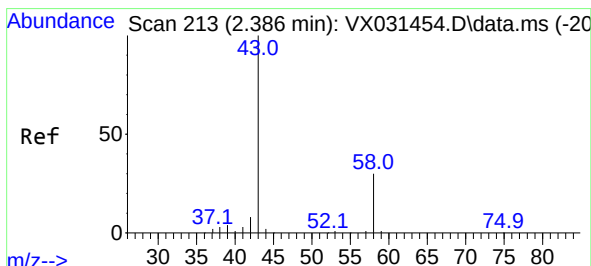
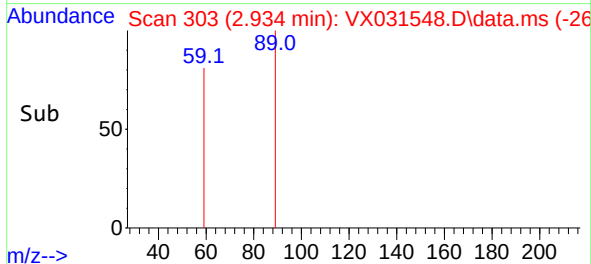
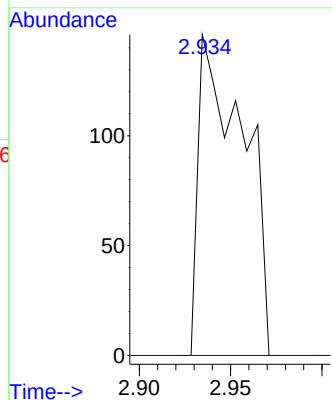
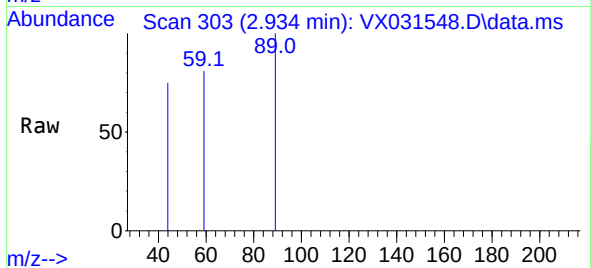
MW-2R

Tgt Ion: 59 Resp: 250

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



#16

Acetone

Concen: Below Cal

RT: 2.392 min Scan# 214

Delta R.T. 0.006 min

Lab File: VX031548.D

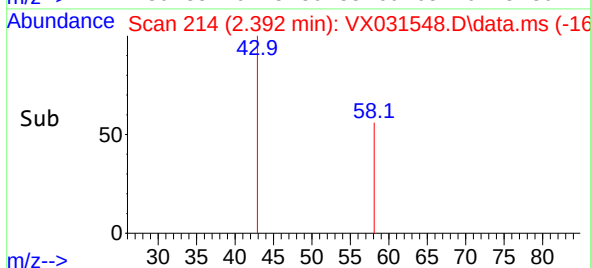
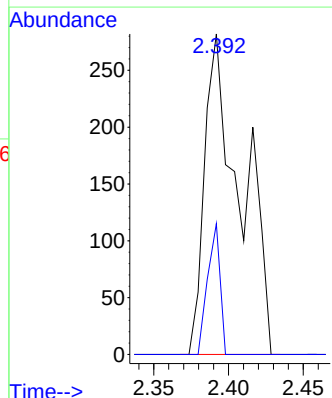
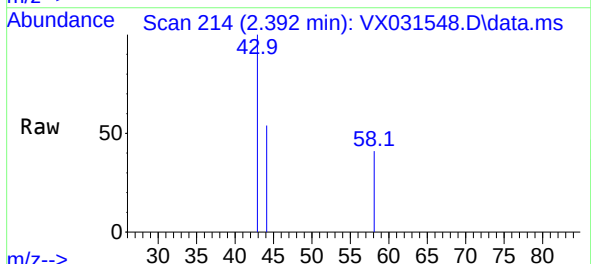
Acq: 22 Sep 2022 04:33

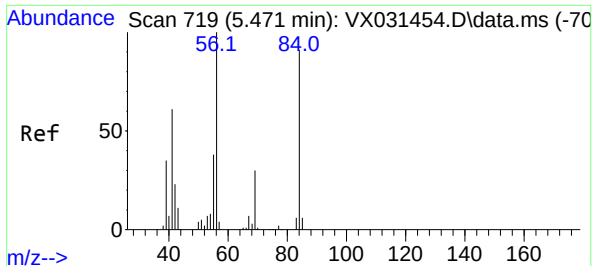
Tgt Ion: 43 Resp: 472

Ion Ratio Lower Upper

43 100

58 40.8 23.8 35.8#

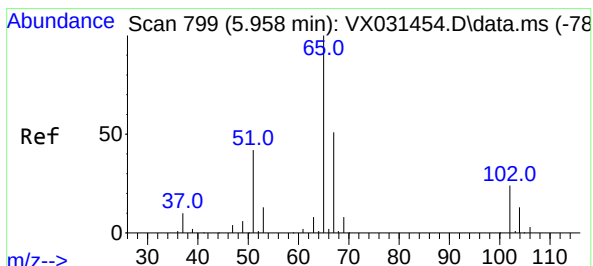
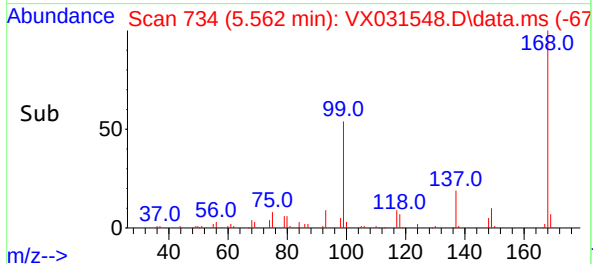
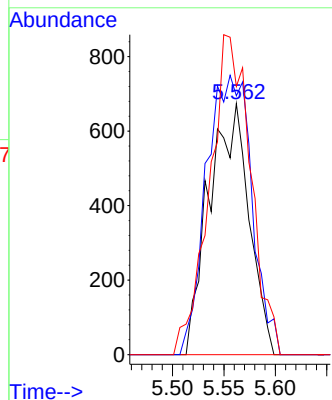
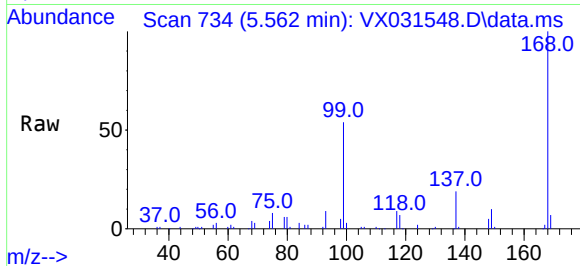




#31
Cyclohexane
Concen: 0.883 ug/l
RT: 5.562 min Scan# 719
Delta R.T. 0.091 min
Lab File: VX031548.D
Acq: 22 Sep 2022 04:33

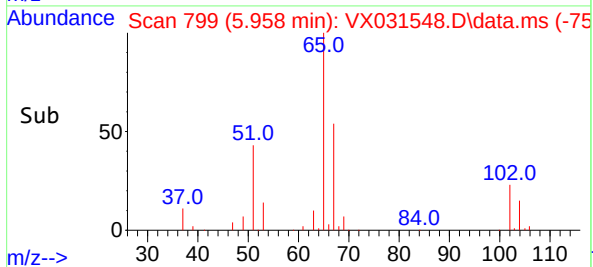
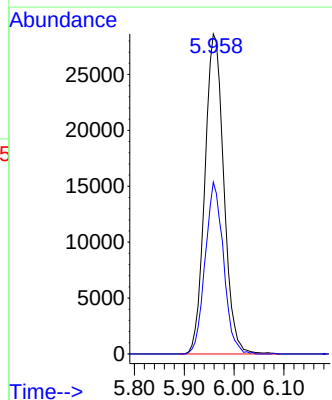
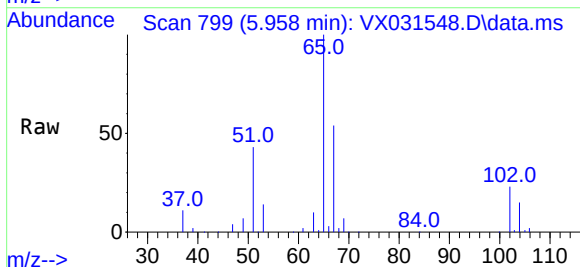
Instrument :
MSVOA_X
ClientSampleId :
MW-2R

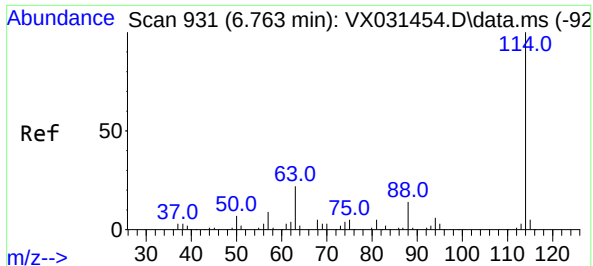
Tgt Ion: 56 Resp: 1824
Ion Ratio Lower Upper
56 100
69 103.1 25.1 37.7#
84 106.8 70.2 105.4#



#33
1,2-Dichloroethane-d4
Concen: 54.266 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031548.D
Acq: 22 Sep 2022 04:33

Tgt Ion: 65 Resp: 75613
Ion Ratio Lower Upper
65 100
67 51.8 0.0 102.4

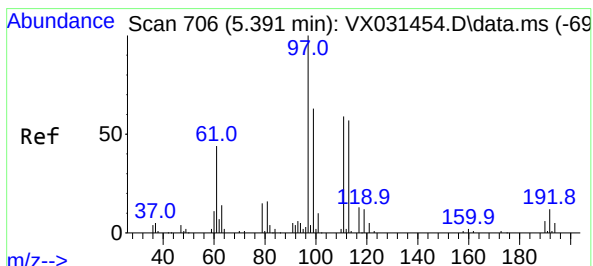
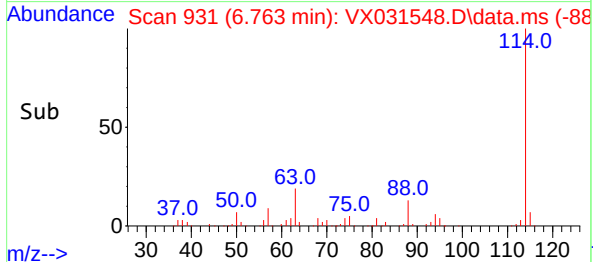
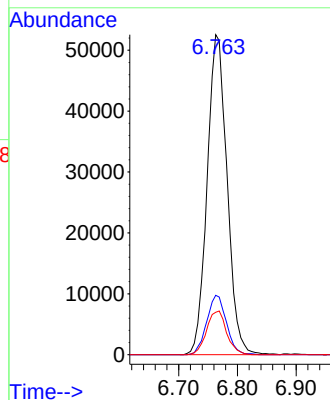
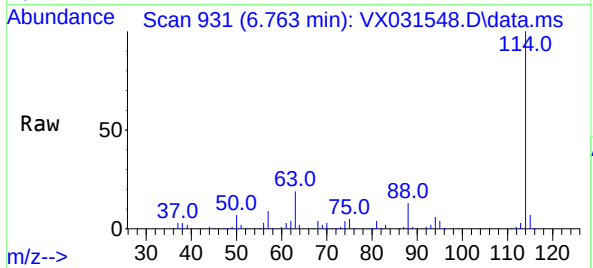




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX031548.D
Acq: 22 Sep 2022 04:33

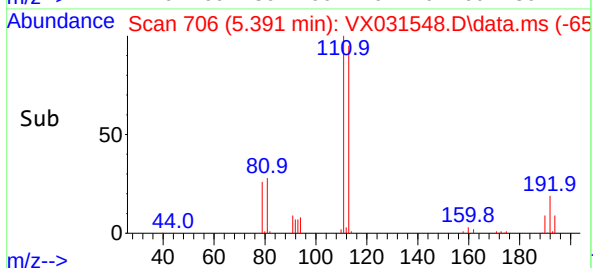
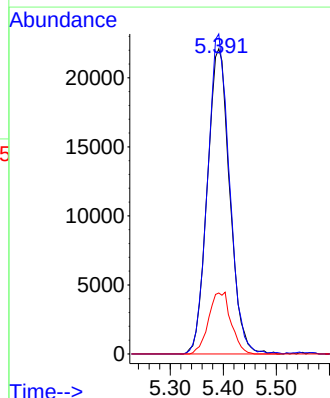
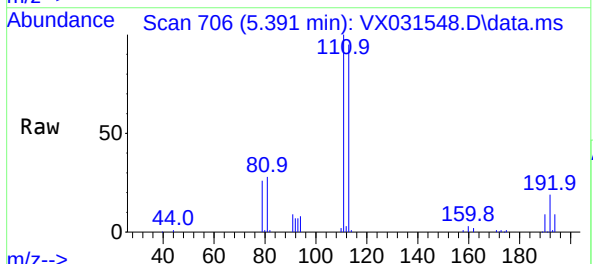
Instrument :
MSVOA_X
ClientSampleId :
MW-2R

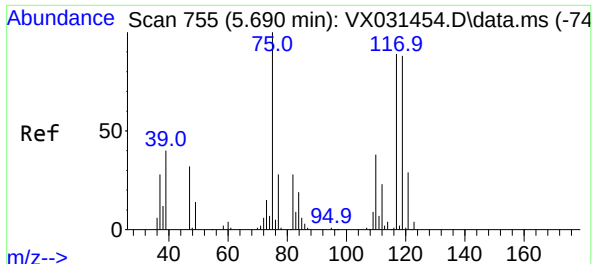
Tgt Ion:114 Resp: 123952
Ion Ratio Lower Upper
114 100
63 18.5 0.0 42.6
88 13.2 0.0 33.0



#35
Dibromofluoromethane
Concen: 50.628 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX031548.D
Acq: 22 Sep 2022 04:33

Tgt Ion:113 Resp: 64852
Ion Ratio Lower Upper
113 100
111 102.5 82.4 123.6
192 20.2 14.1 21.1





#36

1,1-Dichloropropene

Concen: 3.114 ug/l

RT: 5.562 min Scan# 71

Delta R.T. -0.128 min

Lab File: VX031548.D

Acq: 22 Sep 2022 04:33

Instrument :

MSVOA_X

ClientSampleId :

MW-2R

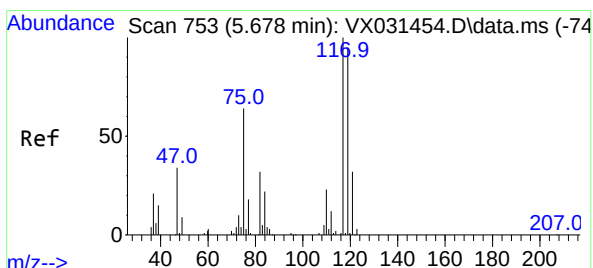
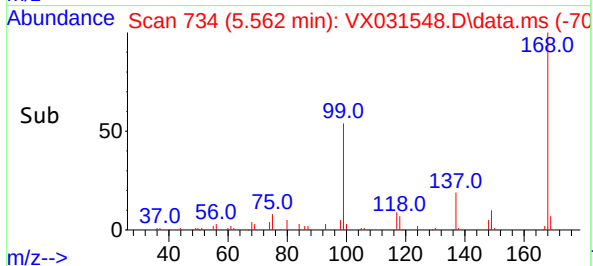
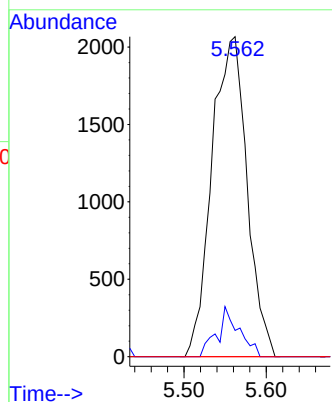
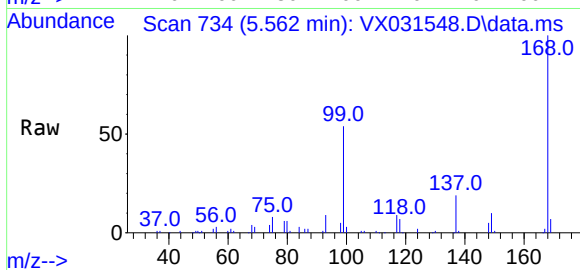
Tgt Ion: 75 Resp: 6135

Ion Ratio Lower Upper

75 100

110 9.7 17.5 52.5#

77 0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 3.420 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.122 min

Lab File: VX031548.D

Acq: 22 Sep 2022 04:33

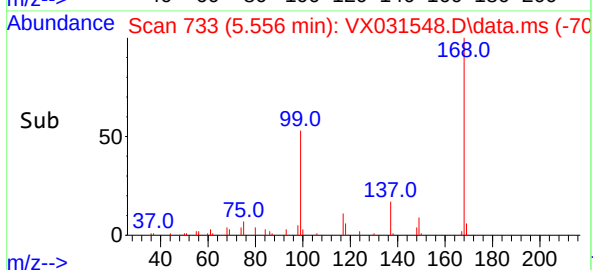
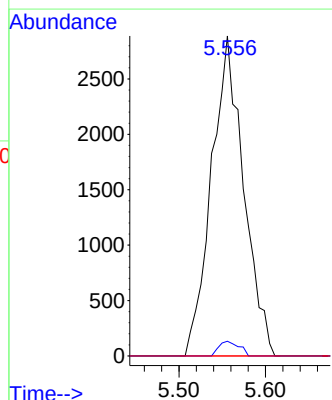
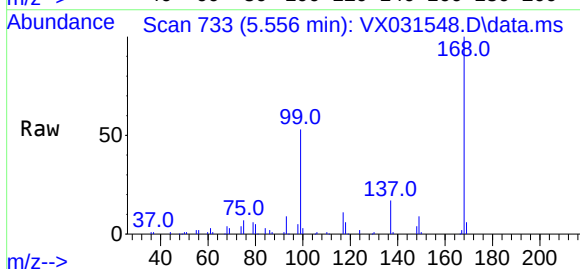
Tgt Ion: 117 Resp: 7469

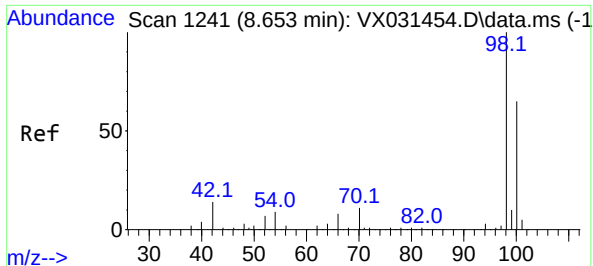
Ion Ratio Lower Upper

117 100

119 4.6 74.6 112.0#

121 0.0 25.3 37.9#





#50

Toluene-d8

Concen: 49.873 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX031548.D

Acq: 22 Sep 2022 04:33

Instrument :

MSVOA_X

ClientSampleId :

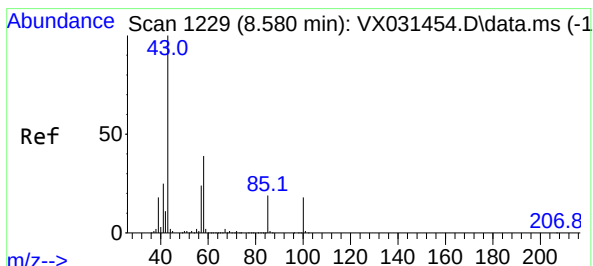
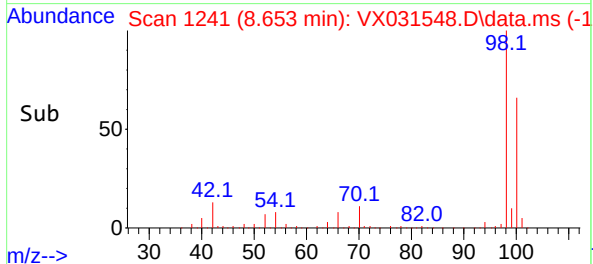
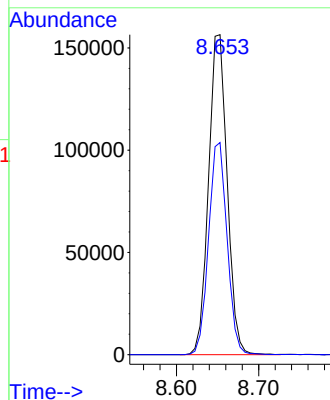
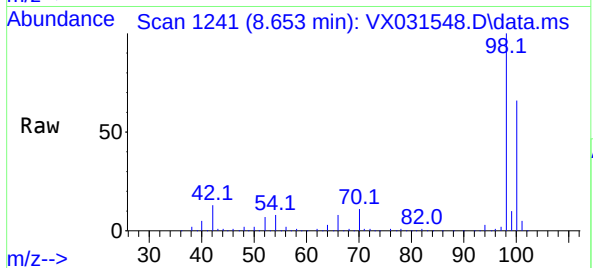
MW-2R

Tgt Ion: 98 Resp: 246289

Ion Ratio Lower Upper

98 100

100 65.9 52.5 78.7



#51

4-Methyl-2-Pentanone

Concen: 0.565 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.073 min

Lab File: VX031548.D

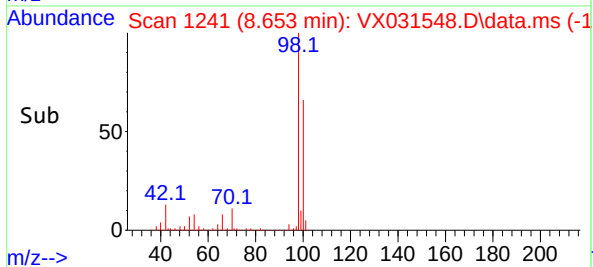
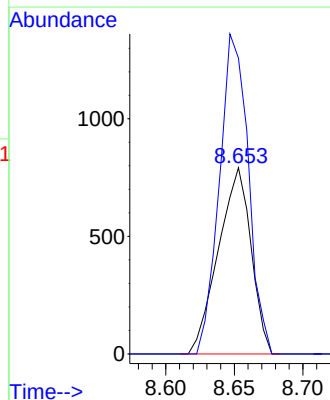
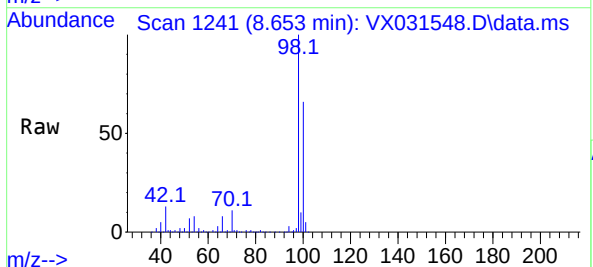
Acq: 22 Sep 2022 04:33

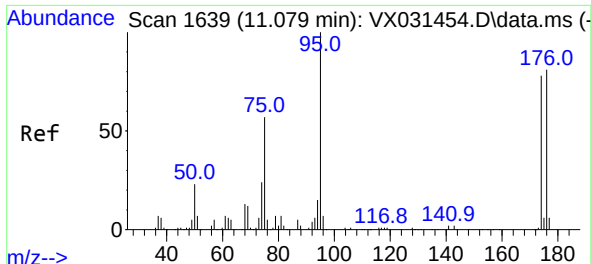
Tgt Ion: 43 Resp: 1312

Ion Ratio Lower Upper

43 100

58 152.1 30.6 46.0#

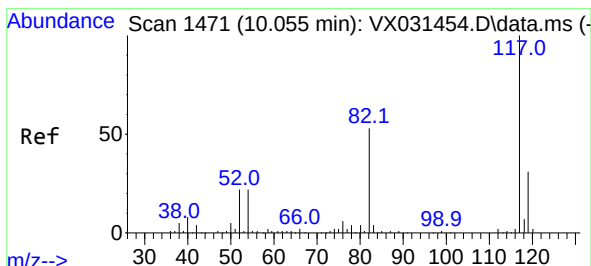
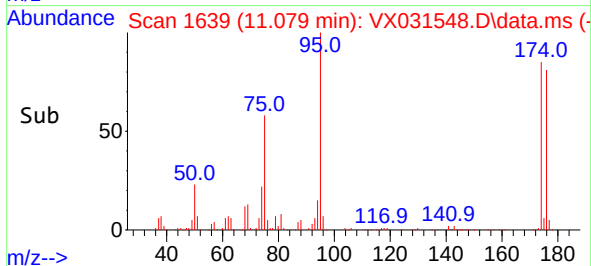
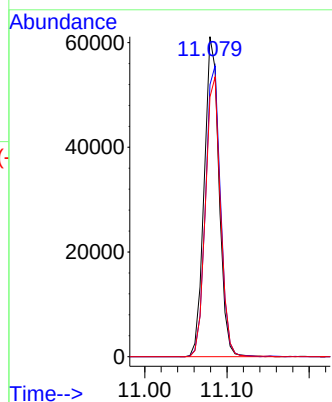
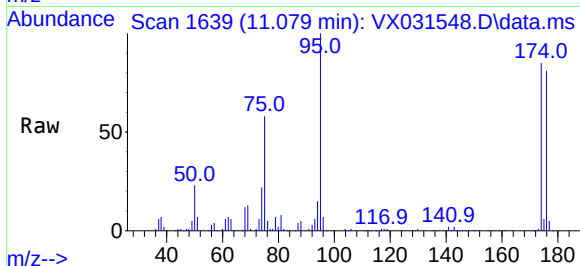




#62
4-Bromofluorobenzene
Concen: 45.621 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031548.D
Acq: 22 Sep 2022 04:33

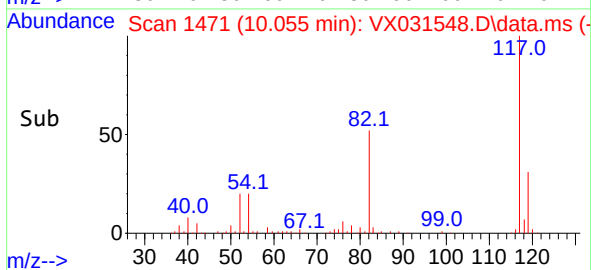
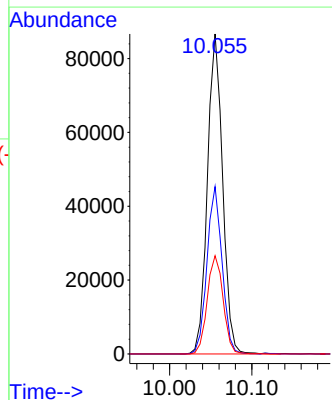
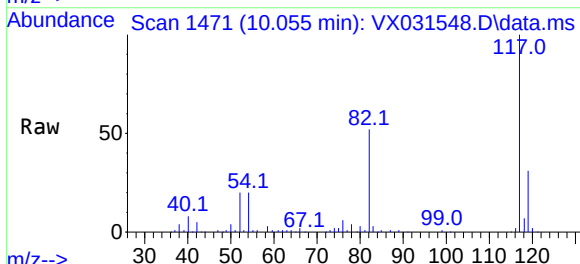
Instrument :
MSVOA_X
ClientSampleId :
MW-2R

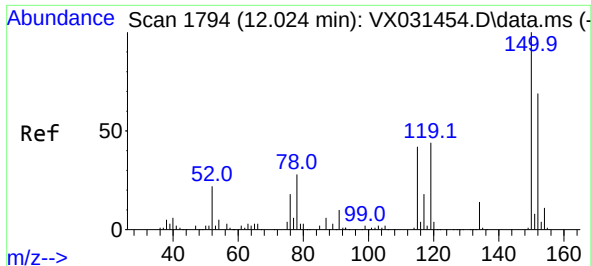
Tgt Ion: 95 Resp: 76314
Ion Ratio Lower Upper
95 100
174 91.5 0.0 153.2
176 88.7 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031548.D
Acq: 22 Sep 2022 04:33

Tgt Ion: 117 Resp: 111365
Ion Ratio Lower Upper
117 100
82 52.3 46.8 70.2
119 30.7 26.4 39.6

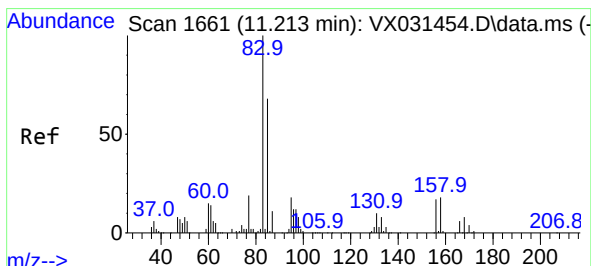
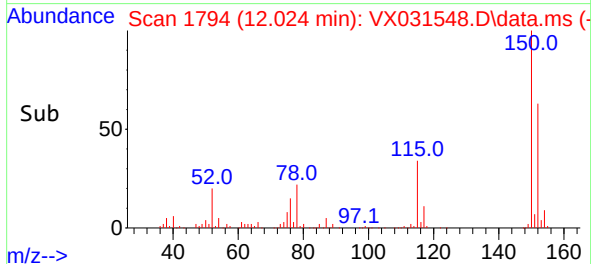
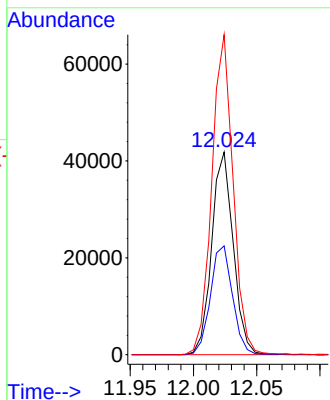
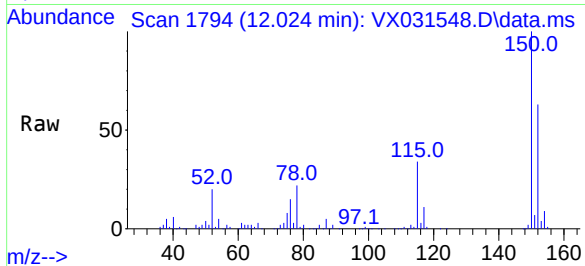




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031548.D
Acq: 22 Sep 2022 04:33

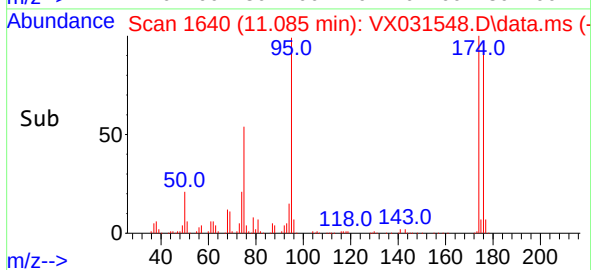
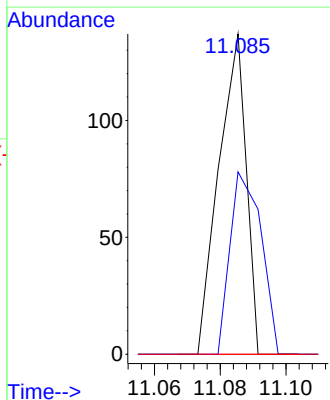
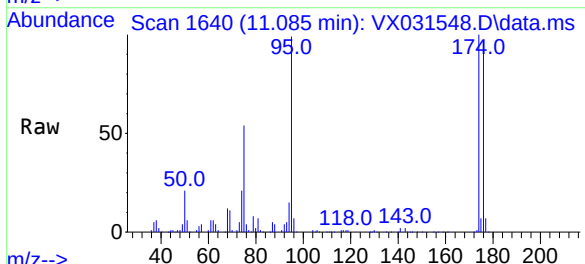
Instrument :
MSVOA_X
ClientSampleId :
MW-2R

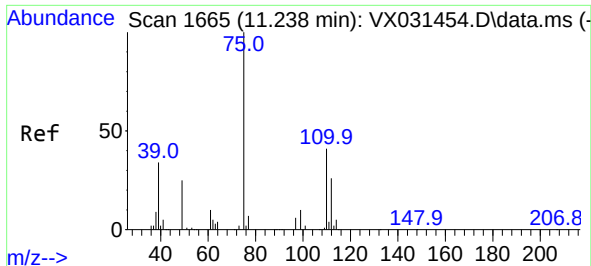
Tgt Ion:152 Resp: 49505
Ion Ratio Lower Upper
152 100
115 55.3 43.4 130.1
150 156.1 0.0 346.8



#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 11.085 min Scan# 1640
Delta R.T. -0.128 min
Lab File: VX031548.D
Acq: 22 Sep 2022 04:33

Tgt Ion: 83 Resp: 79
Ion Ratio Lower Upper
83 100
131 64.6 5.1 15.4#
85 0.0 32.6 97.8#

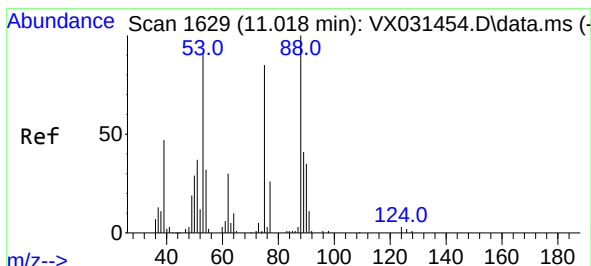
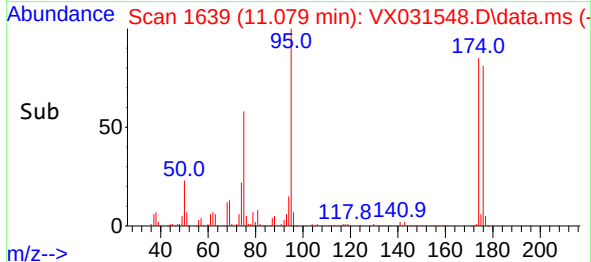
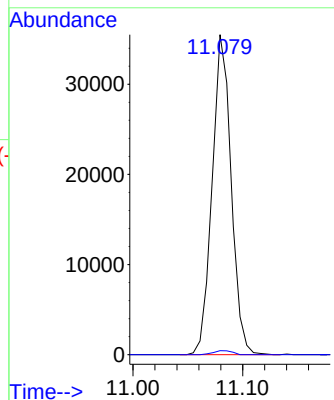
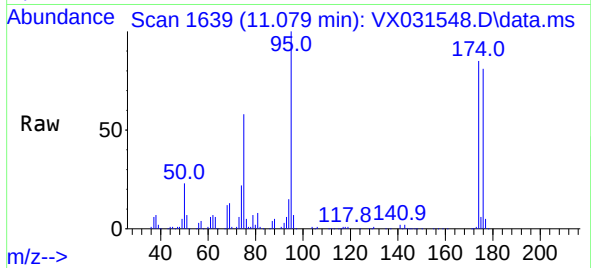




#76
1,2,3-Trichloropropane
Concen: 38.703 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031548.D
Acq: 22 Sep 2022 04:33

Instrument :
MSVOA_X
ClientSampleId :
MW-2R

Tgt Ion: 75 Resp: 42763
Ion Ratio Lower Upper
75 100
77 1.3 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 124.618 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031548.D
Acq: 22 Sep 2022 04:33

Tgt Ion: 75 Resp: 42763
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

