

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092122\
 Data File : VX031554.D
 Acq On : 22 Sep 2022 06:53
 Operator : JC/MD
 Sample : N4642-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-9DA

Quant Time: Sep 22 09:22:22 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)

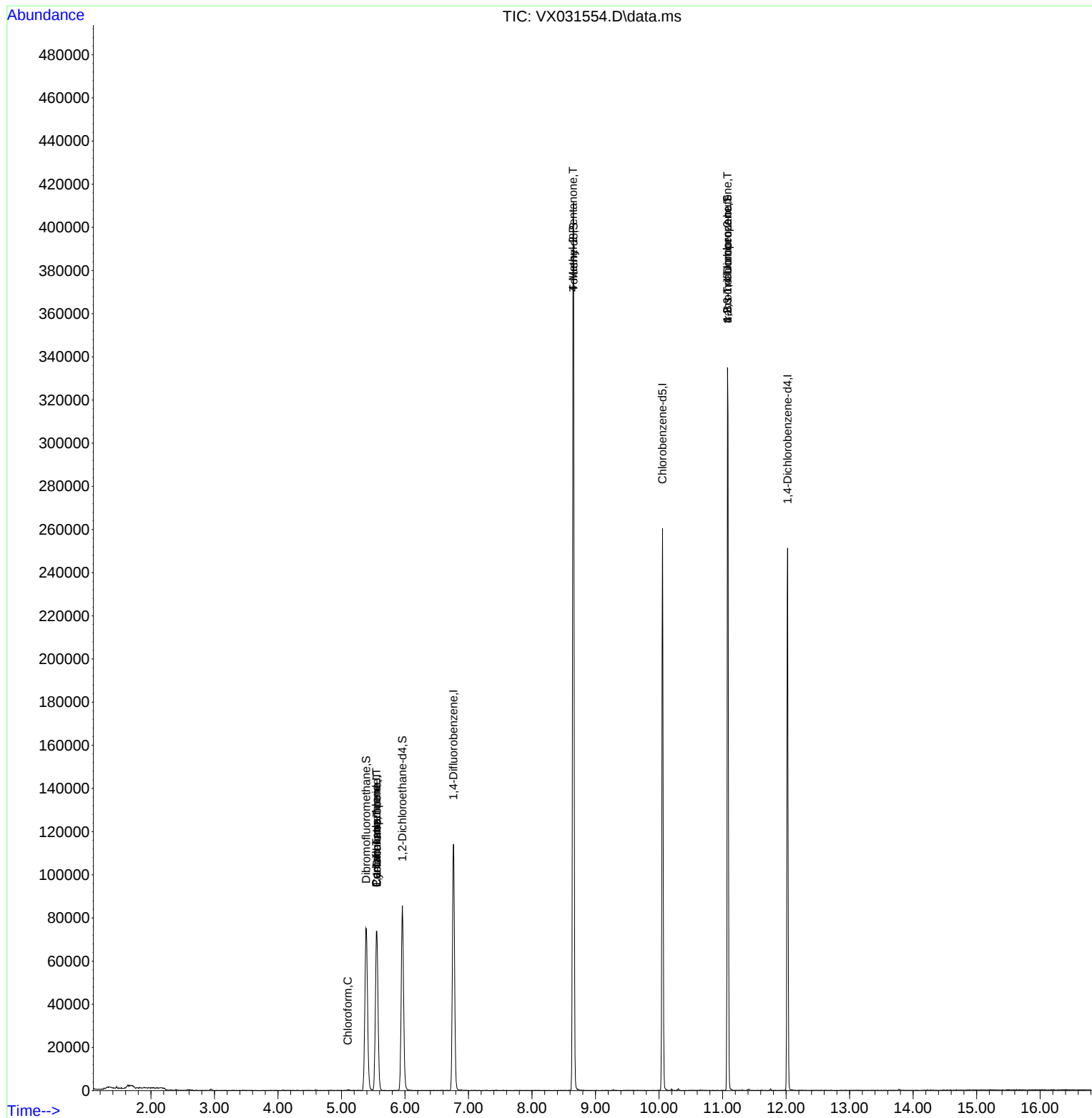
Internal Standards						
1) Pentafluorobenzene	5.550	168	73946	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	118928	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	108719	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	50147	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	74171	54.693	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.380%	
35) Dibromofluoromethane	5.385	113	62652	50.982	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.960%	
50) Toluene-d8	8.653	98	245426	51.797	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.600%	
62) 4-Bromofluorobenzene	11.079	95	74670	46.524	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 93.040%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.685	64	34	Below Cal	#	43
11) Tert butyl alcohol	2.946	59	298	Below Cal	#	73
16) Acetone	2.398	43	449	Below Cal		97
20) Methylene Chloride	2.794	84	19	Below Cal	#	4
30) Chloroform	5.099	83	551	0.219	ug/l #	52
31) Cyclohexane	5.556	56	1818	0.904	ug/l #	50
36) 1,1-Dichloropropene	5.556	75	5625	2.976	ug/l #	49
38) Carbon Tetrachloride	5.550	117	7354	3.510	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1365	0.612	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.085	83	156	Below Cal	#	11
76) 1,2,3-Trichloropropane	11.079	75	42471	37.947	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	42471	122.183	ug/l #	11

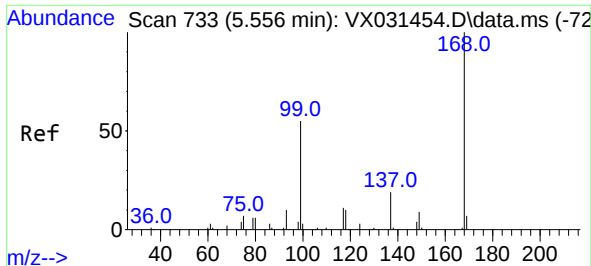
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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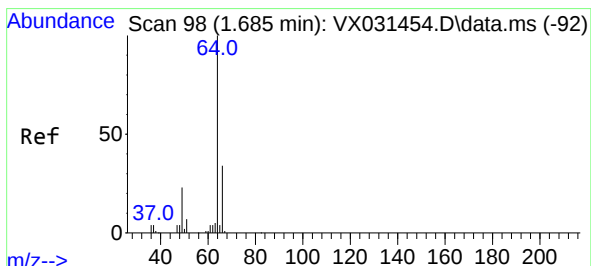
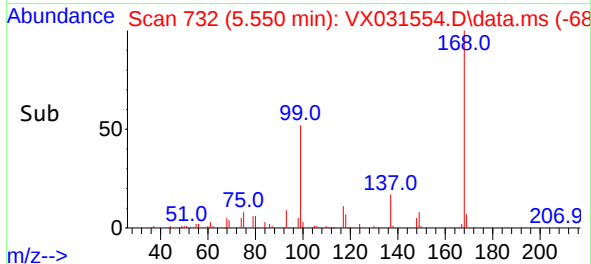
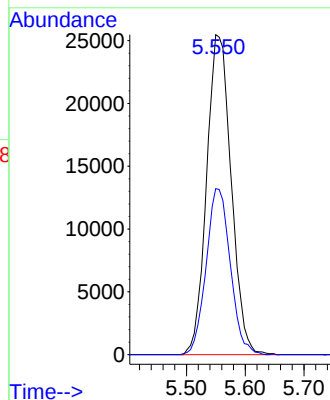
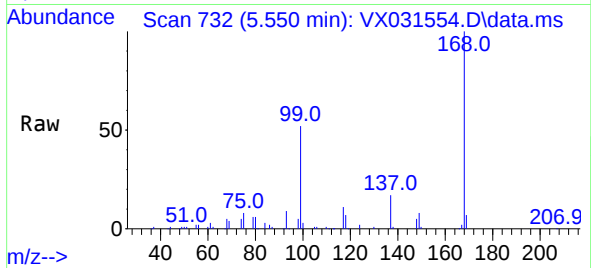




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX031554.D
Acq: 22 Sep 2022 06:53

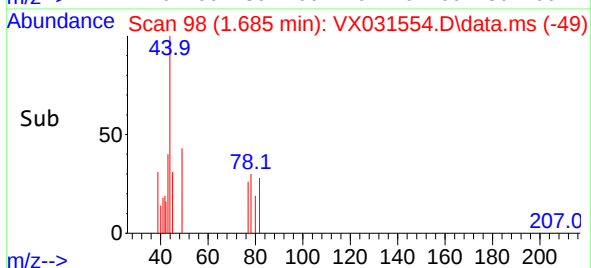
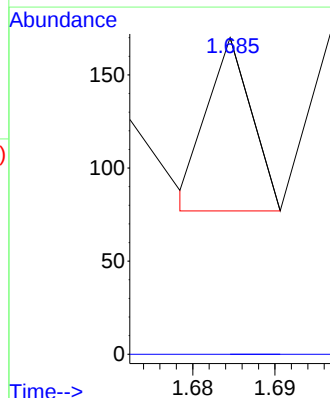
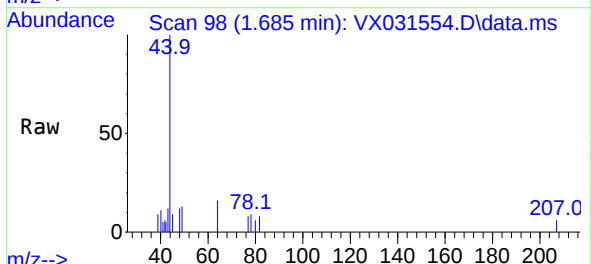
Instrument :
MSVOA_X
ClientSampleId :
MW-9DA

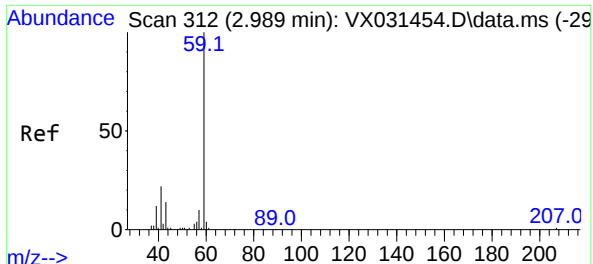
Tgt Ion:168 Resp: 73946
Ion Ratio Lower Upper
168 100
99 51.9 48.8 73.2



#6
Chloroethane
Concen: Below Cal
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX031554.D
Acq: 22 Sep 2022 06:53

Tgt Ion: 64 Resp: 34
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.946 min Scan# 305

Delta R.T. -0.042 min

Lab File: VX031554.D

Acq: 22 Sep 2022 06:53

Instrument :

MSVOA_X

ClientSampleId :

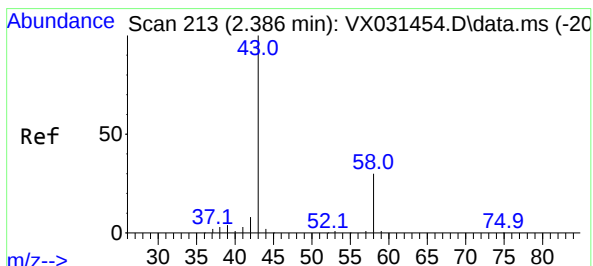
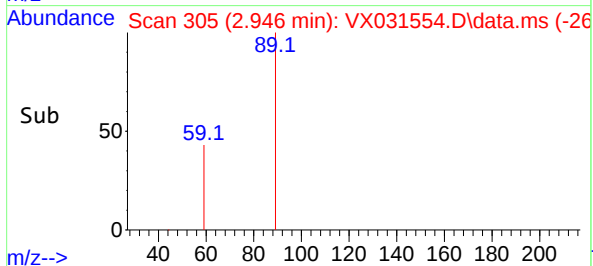
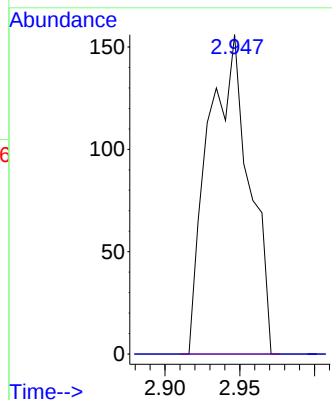
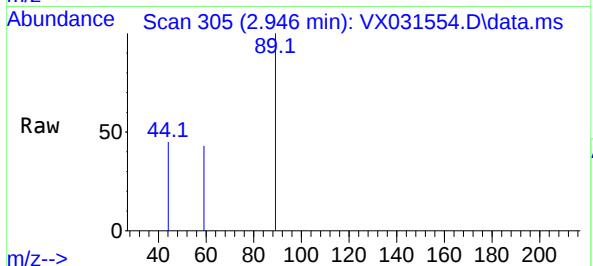
MW-9DA

Tgt Ion: 59 Resp: 298

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



#16

Acetone

Concen: Below Cal

RT: 2.398 min Scan# 215

Delta R.T. 0.012 min

Lab File: VX031554.D

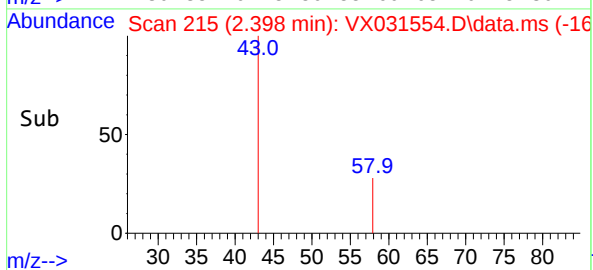
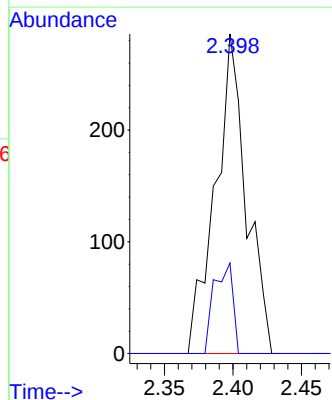
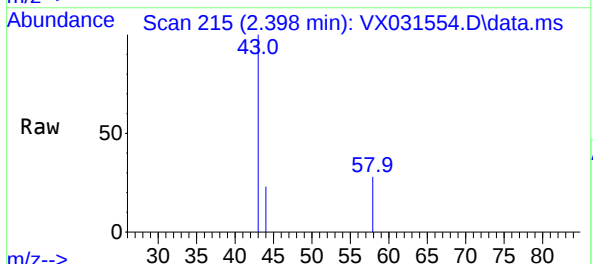
Acq: 22 Sep 2022 06:53

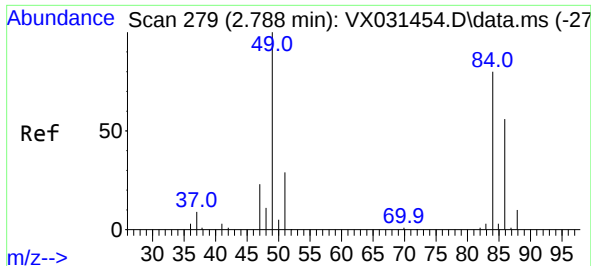
Tgt Ion: 43 Resp: 449

Ion Ratio Lower Upper

43 100

58 28.3 23.8 35.8





#20

Methylene Chloride

Concen: Below Cal

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX031554.D

Acq: 22 Sep 2022 06:53

Instrument :

MSVOA_X

ClientSampleId :

MW-9DA

Tgt Ion: 84 Resp: 19

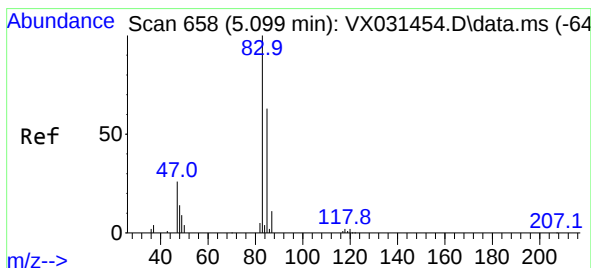
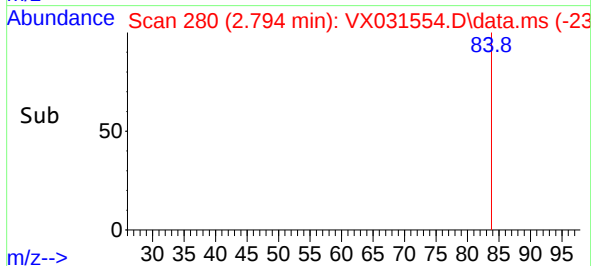
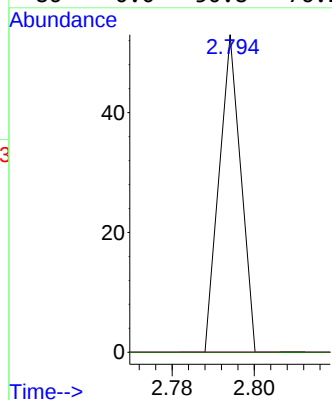
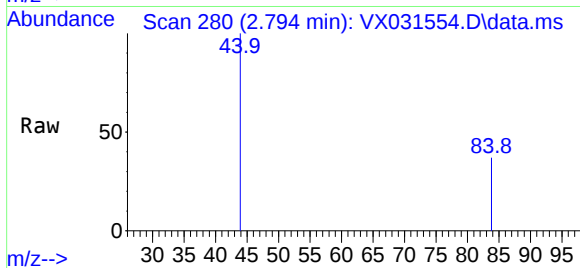
Ion Ratio Lower Upper

84 100

49 0.0 105.9 158.9#

51 0.0 32.2 48.2#

86 0.0 50.8 76.2#



#30

Chloroform

Concen: 0.219 ug/l

RT: 5.099 min Scan# 658

Delta R.T. -0.000 min

Lab File: VX031554.D

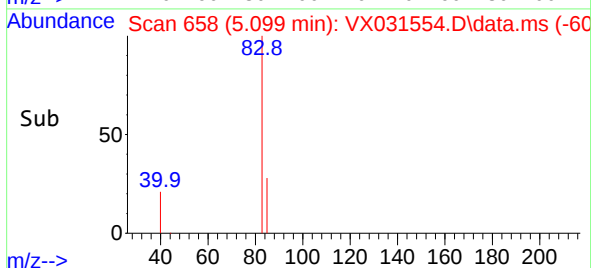
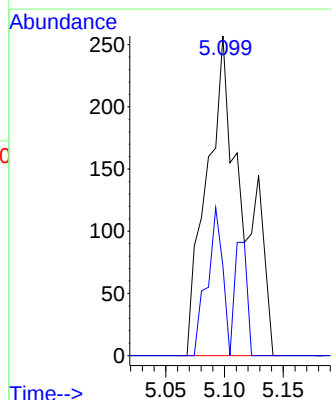
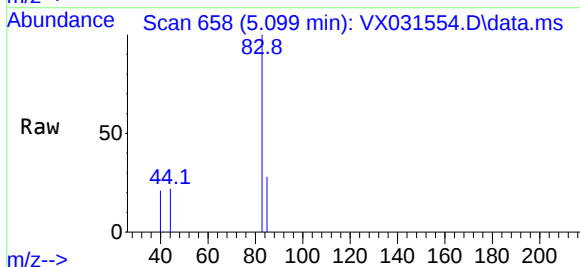
Acq: 22 Sep 2022 06:53

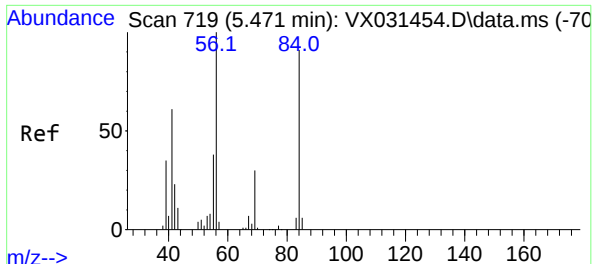
Tgt Ion: 83 Resp: 551

Ion Ratio Lower Upper

83 100

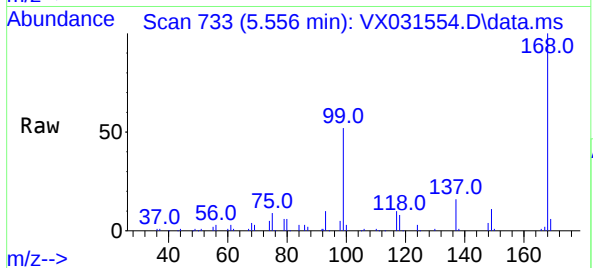
85 28.0 52.8 79.2#



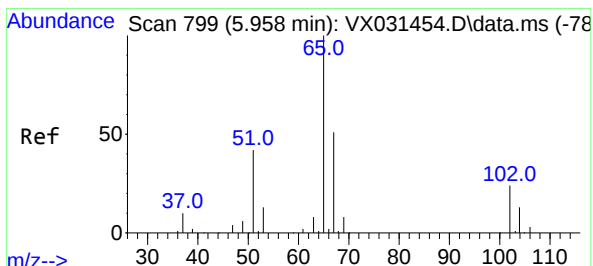
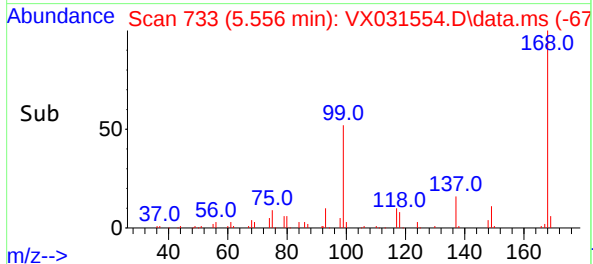
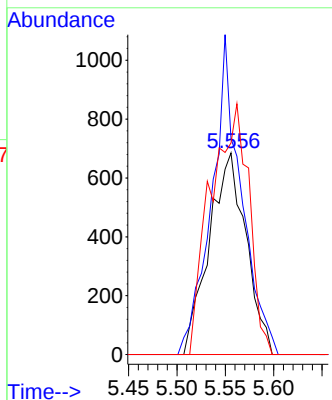


#31
Cyclohexane
Concen: 0.904 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX031554.D
Acq: 22 Sep 2022 06:53

Instrument :
MSVOA_X
ClientSampleId :
MW-9DA

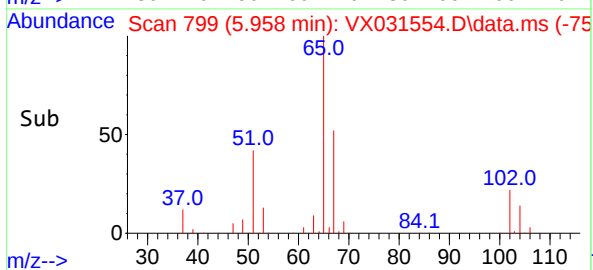
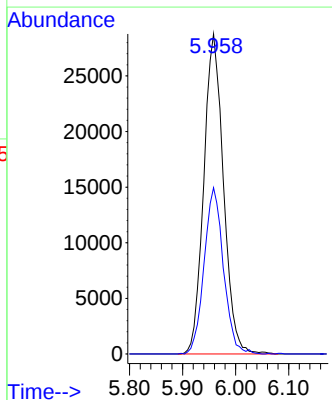
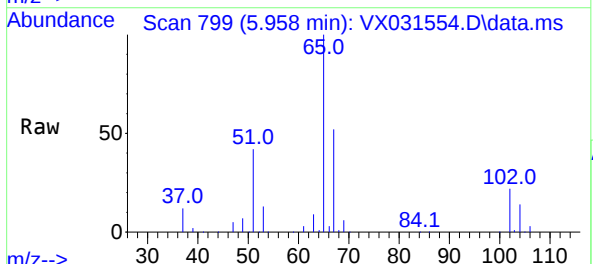


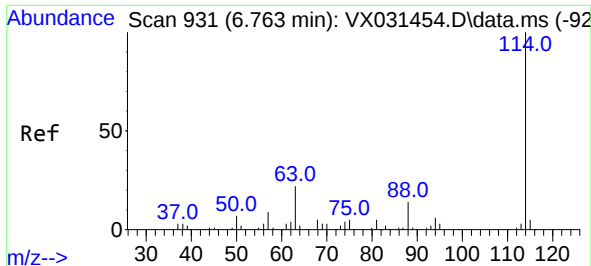
Tgt Ion: 56 Resp: 1818
Ion Ratio Lower Upper
56 100
69 107.2 25.1 37.7#
84 105.0 70.2 105.4



#33
1,2-Dichloroethane-d4
Concen: 54.693 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031554.D
Acq: 22 Sep 2022 06:53

Tgt Ion: 65 Resp: 74171
Ion Ratio Lower Upper
65 100
67 51.0 0.0 102.4

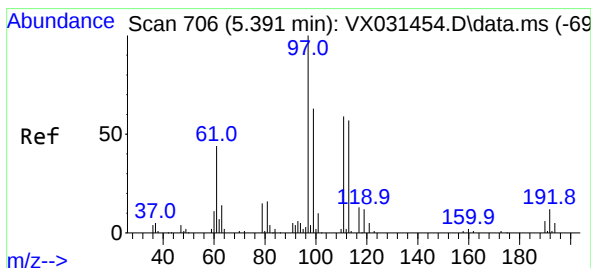
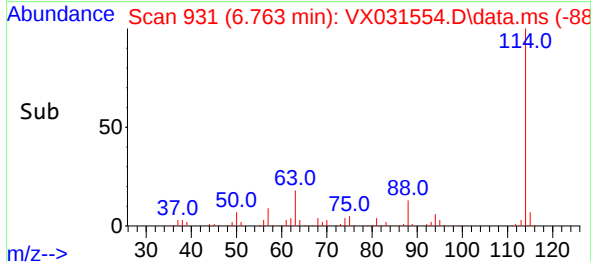
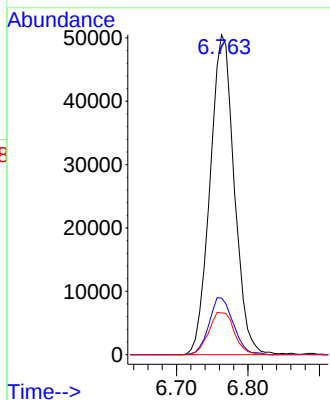
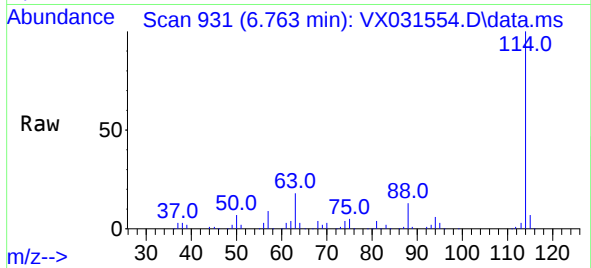




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX031554.D
Acq: 22 Sep 2022 06:53

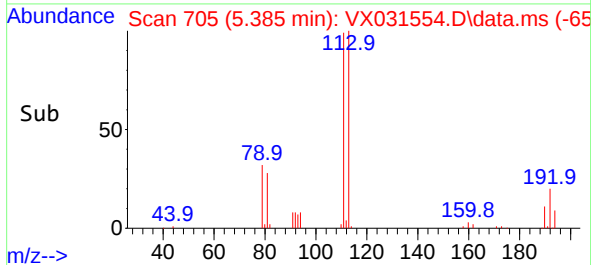
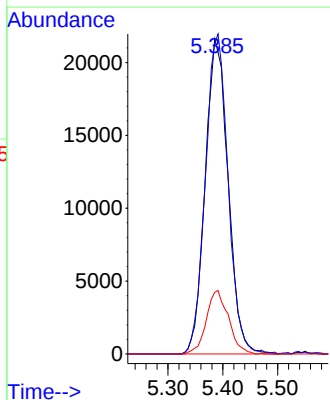
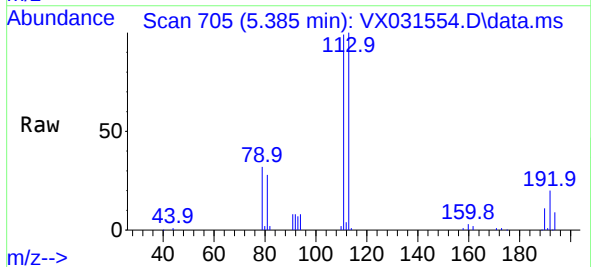
Instrument :
MSVOA_X
ClientSampleId :
MW-9DA

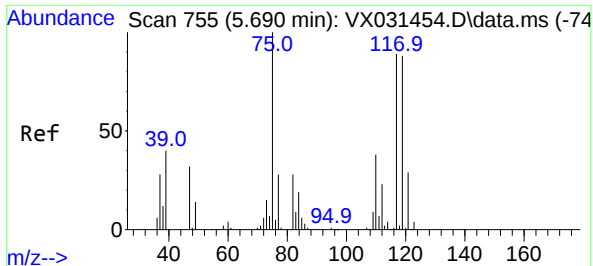
Tgt Ion:114 Resp: 118928
Ion Ratio Lower Upper
114 100
63 17.7 0.0 42.6
88 13.1 0.0 33.0



#35
Dibromofluoromethane
Concen: 50.982 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX031554.D
Acq: 22 Sep 2022 06:53

Tgt Ion:113 Resp: 62652
Ion Ratio Lower Upper
113 100
111 101.2 82.4 123.6
192 19.5 14.1 21.1





#36

1,1-Dichloropropene

Concen: 2.976 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.134 min

Lab File: VX031554.D

Acq: 22 Sep 2022 06:53

Instrument :

MSVOA_X

ClientSampleId :

MW-9DA

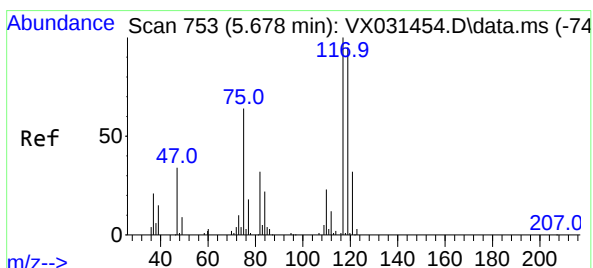
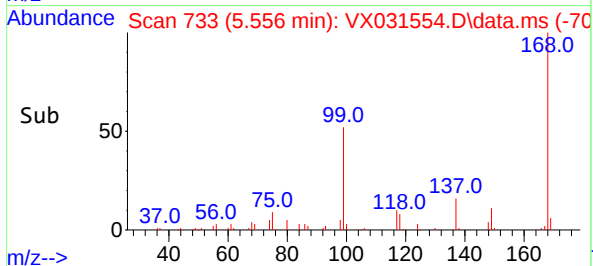
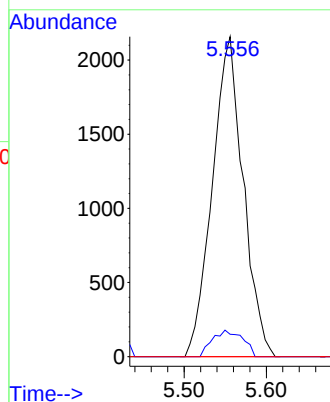
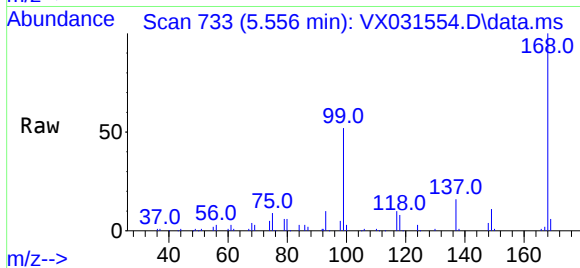
Tgt Ion: 75 Resp: 5625

Ion Ratio Lower Upper

75 100

110 8.1 17.5 52.5#

77 0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 3.510 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.128 min

Lab File: VX031554.D

Acq: 22 Sep 2022 06:53

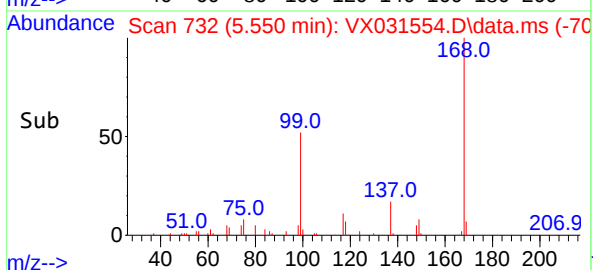
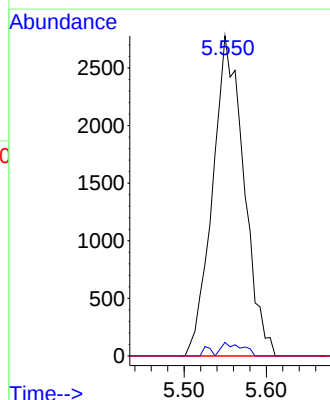
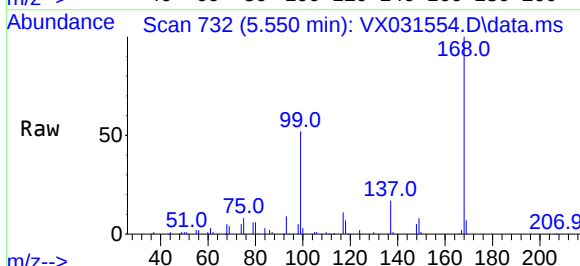
Tgt Ion: 117 Resp: 7354

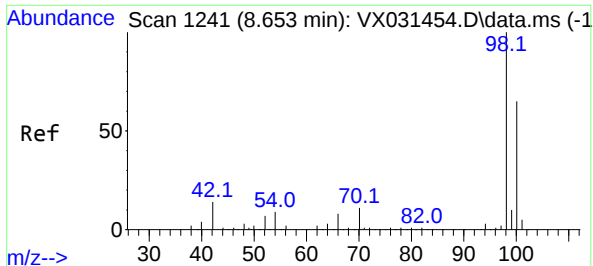
Ion Ratio Lower Upper

117 100

119 4.3 74.6 112.0#

121 0.0 25.3 37.9#





#50

Toluene-d8

Concen: 51.797 ug/l

RT: 8.653 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX031554.D

Acq: 22 Sep 2022 06:53

Instrument :

MSVOA_X

ClientSampleId :

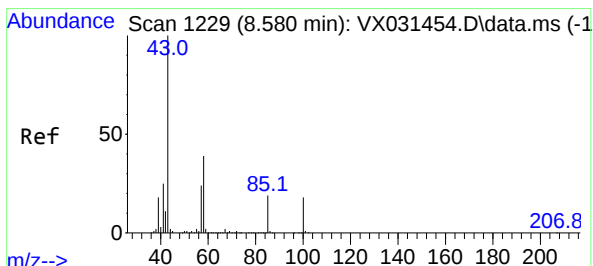
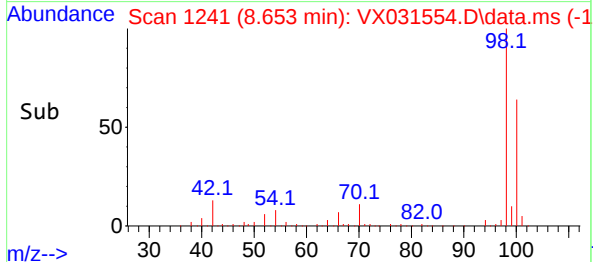
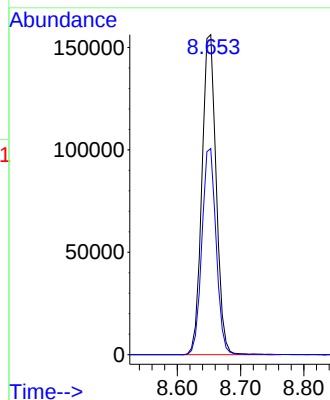
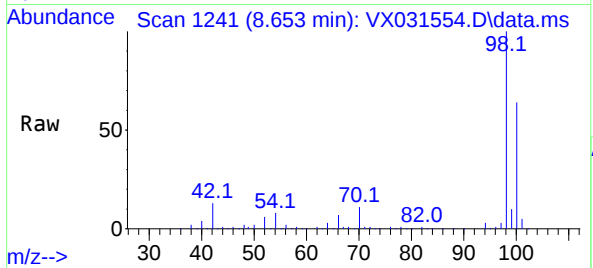
MW-9DA

Tgt Ion: 98 Resp: 245426

Ion Ratio Lower Upper

98 100

100 64.3 52.5 78.7



#51

4-Methyl-2-Pentanone

Concen: 0.612 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.067 min

Lab File: VX031554.D

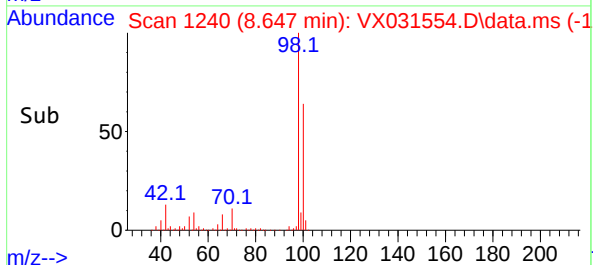
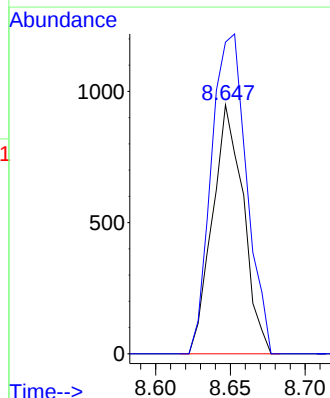
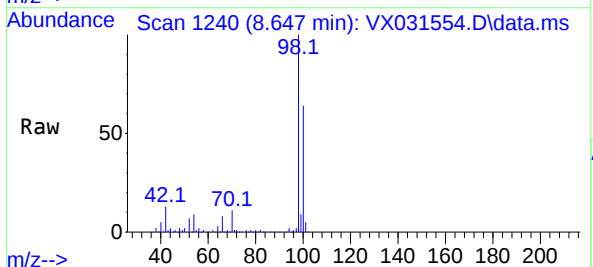
Acq: 22 Sep 2022 06:53

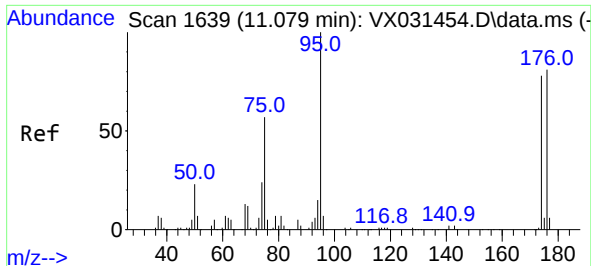
Tgt Ion: 43 Resp: 1365

Ion Ratio Lower Upper

43 100

58 146.6 30.6 46.0#

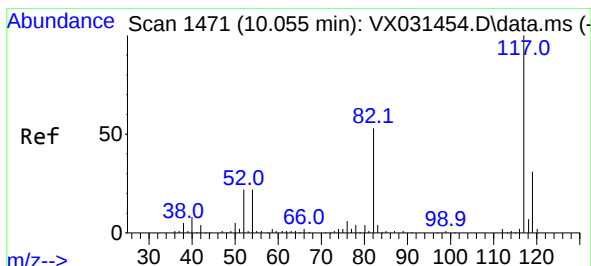
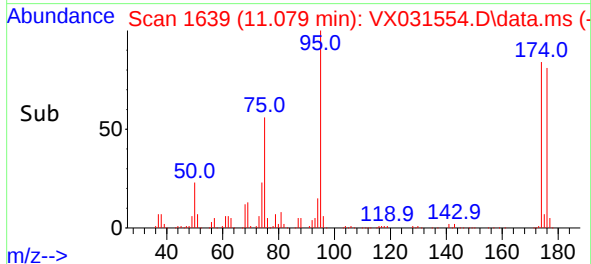
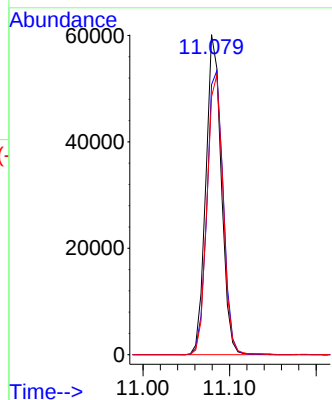
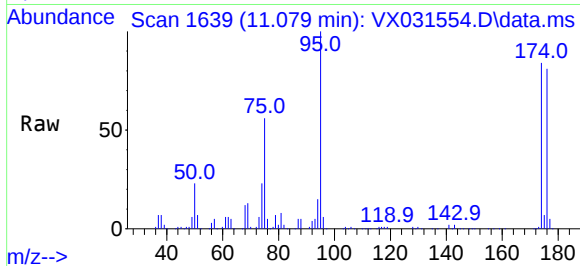




#62
4-Bromofluorobenzene
Concen: 46.524 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX031554.D
Acq: 22 Sep 2022 06:53

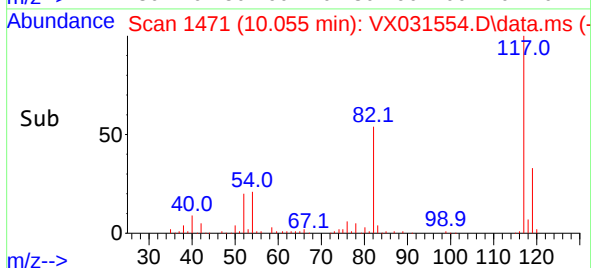
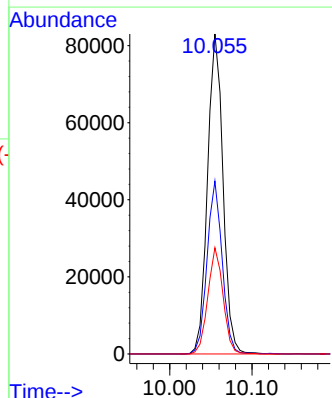
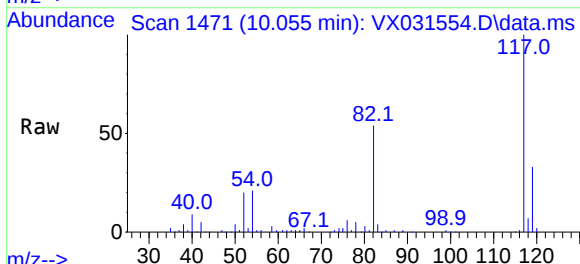
Instrument :
MSVOA_X
ClientSampleId :
MW-9DA

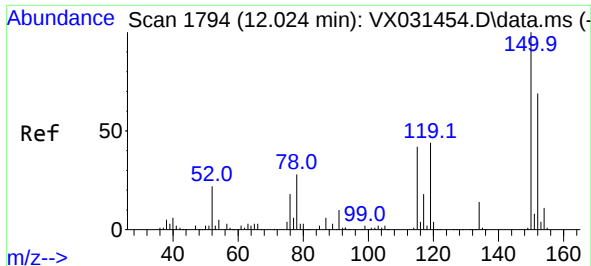
Tgt Ion: 95 Resp: 74670
Ion Ratio Lower Upper
95 100
174 93.1 0.0 153.2
176 90.5 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031554.D
Acq: 22 Sep 2022 06:53

Tgt Ion: 117 Resp: 108719
Ion Ratio Lower Upper
117 100
82 54.0 46.8 70.2
119 33.2 26.4 39.6

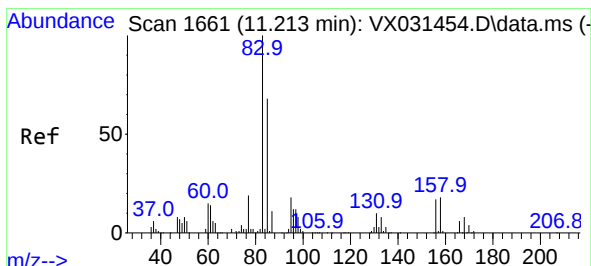
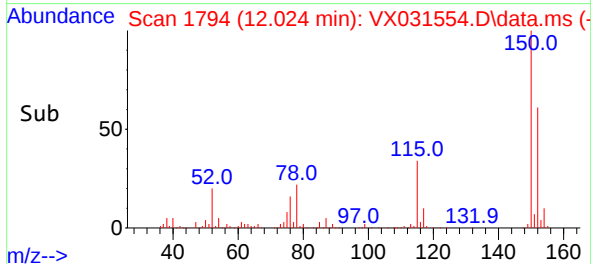
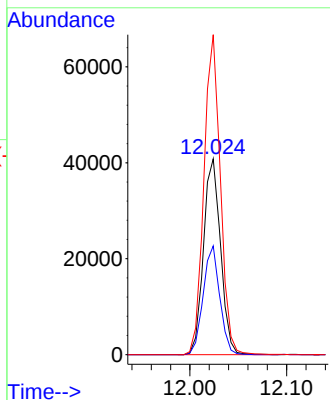
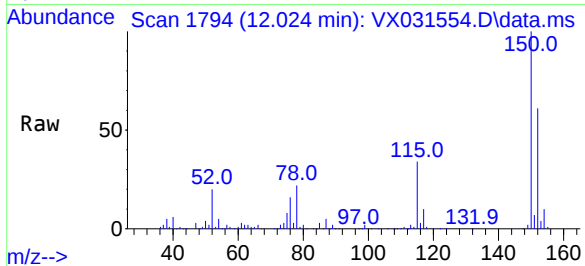




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031554.D
Acq: 22 Sep 2022 06:53

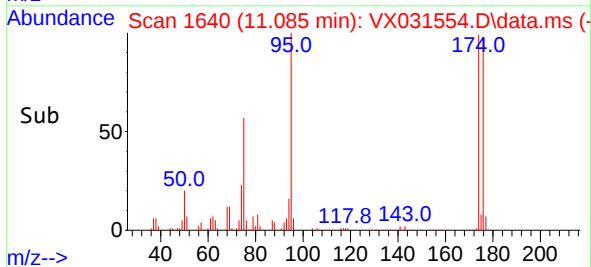
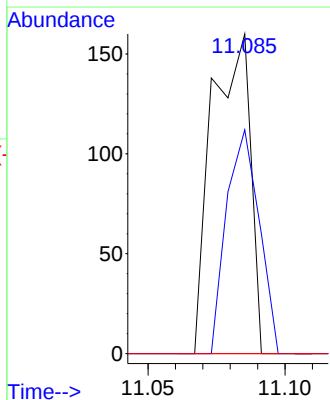
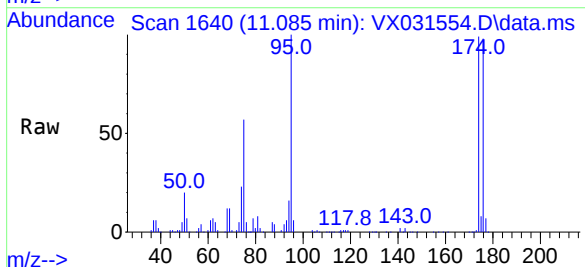
Instrument :
MSVOA_X
ClientSampleId :
MW-9DA

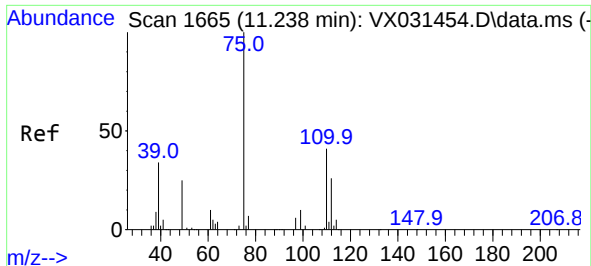
Tgt Ion:152 Resp: 50147
Ion Ratio Lower Upper
152 100
115 54.0 43.4 130.1
150 157.9 0.0 346.8



#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 11.085 min Scan# 1640
Delta R.T. -0.128 min
Lab File: VX031554.D
Acq: 22 Sep 2022 06:53

Tgt Ion: 83 Resp: 156
Ion Ratio Lower Upper
83 100
131 59.6 5.1 15.4#
85 0.0 32.6 97.8#

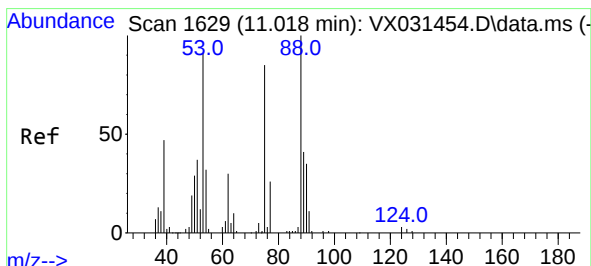
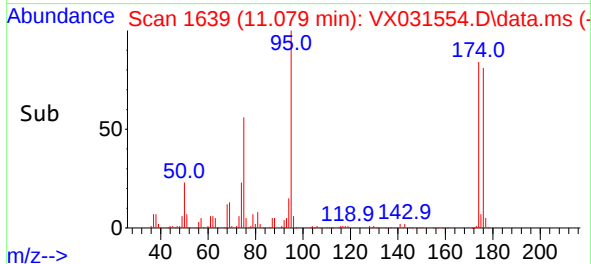
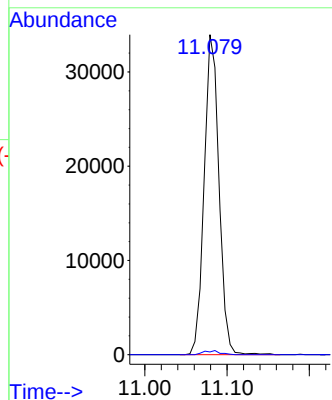
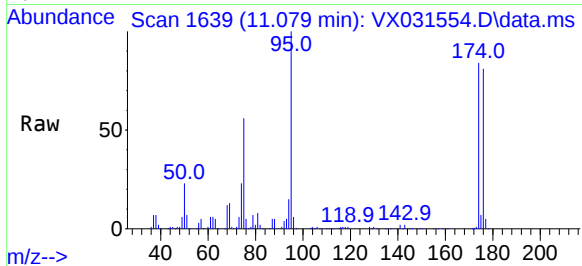




#76
1,2,3-Trichloropropane
Concen: 37.947 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031554.D
Acq: 22 Sep 2022 06:53

Instrument :
MSVOA_X
ClientSampleId :
MW-9DA

Tgt Ion: 75 Resp: 42471
Ion Ratio Lower Upper
75 100
77 1.4 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 122.183 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031554.D
Acq: 22 Sep 2022 06:53

Tgt Ion: 75 Resp: 42471
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

