

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092122\
 Data File : VX031533.D
 Acq On : 21 Sep 2022 18:37
 Operator : JC/MD
 Sample : N4614-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3RRA

Quant Time: Sep 22 01:15:39 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)

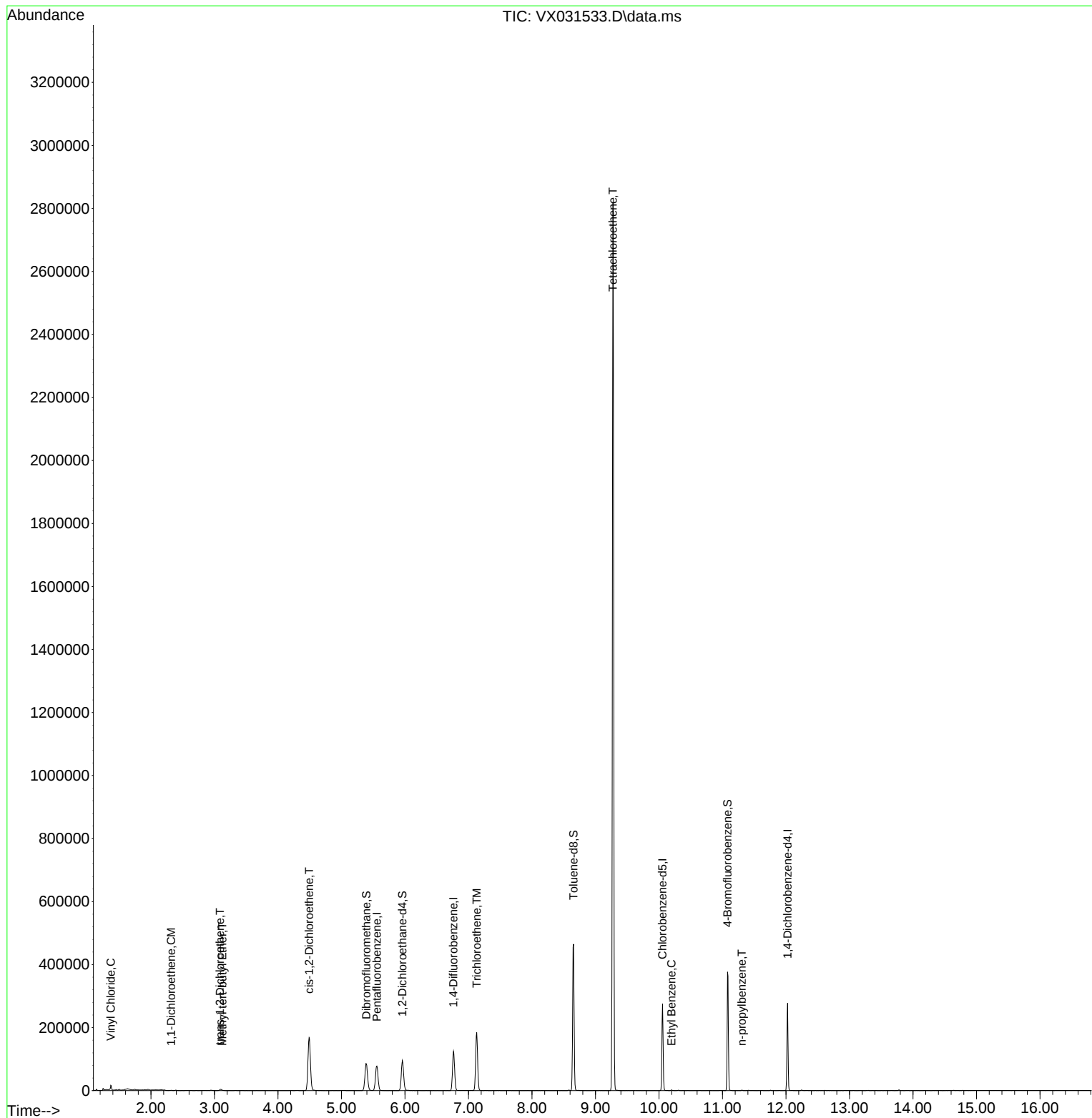
Internal Standards						
1) Pentafluorobenzene	5.556	168	77572	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	128513	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	115770	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	54698	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	82222	57.858	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 115.720%	
35) Dibromofluoromethane	5.391	113	70729	53.295	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.580%	
50) Toluene-d8	8.653	98	272209	53.165	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 106.320%	
62) 4-Bromofluorobenzene	11.079	95	87036	50.184	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.360%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.368	62	6902	4.091	ug/l	95
12) 1,1-Dichloroethene	2.319	96	382	0.316	ug/l	80
19) Methyl tert-butyl Ether	3.124	73	1310	0.300	ug/l #	52
21) trans-1,2-Dichloroethene	3.087	96	1579	1.158	ug/l #	90
27) cis-1,2-Dichloroethene	4.489	96	106048	64.533	ug/l	80
44) Trichloroethene	7.129	130	67710	39.186	ug/l	89
64) Tetrachloroethene	9.275	164	454021	326.506	ug/l	98
67) Ethyl Benzene	10.195	91	1622	0.257	ug/l	100
78) n-propylbenzene	11.305	91	1216	0.259	ug/l	98

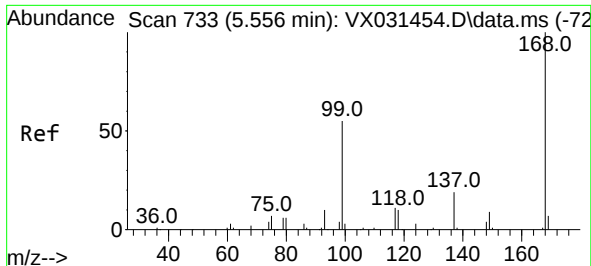
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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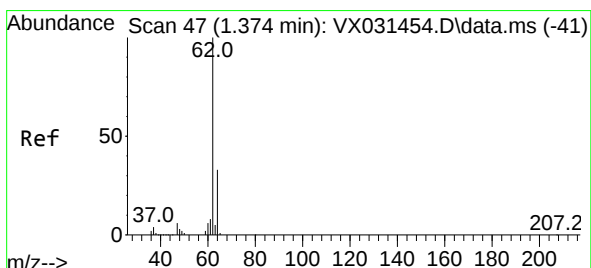
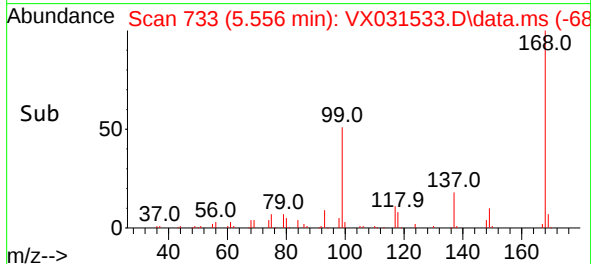
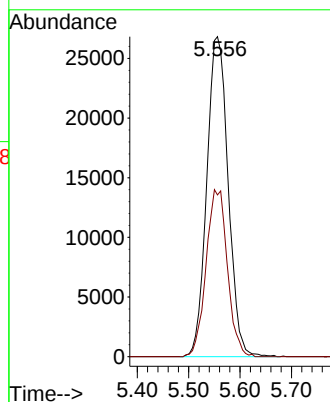
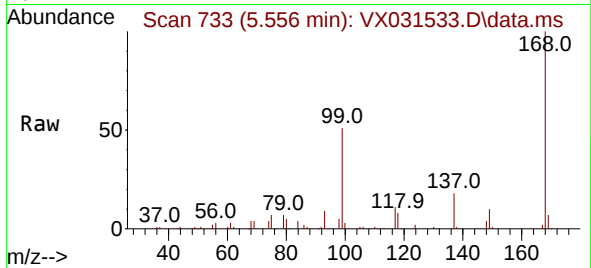




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX031533.D
Acq: 21 Sep 2022 18:37

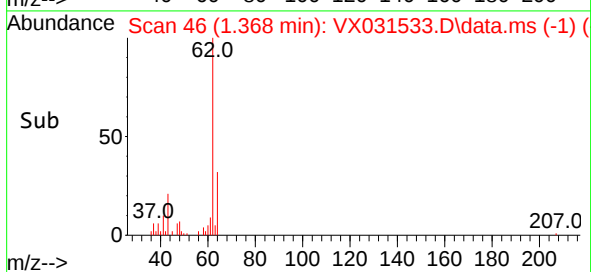
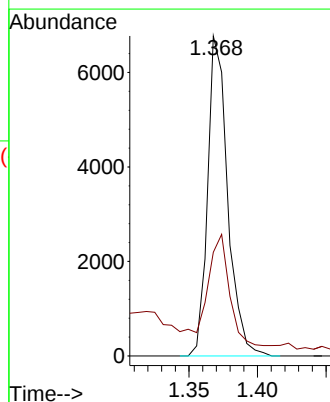
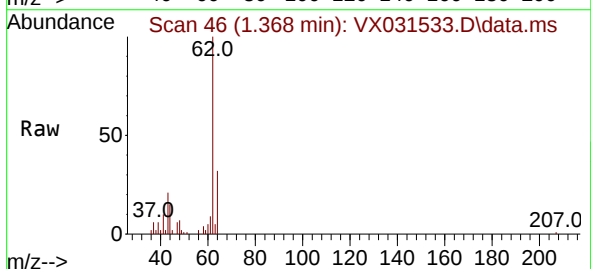
Instrument :
MSVOA_X
ClientSampleId :
MW-3RRA

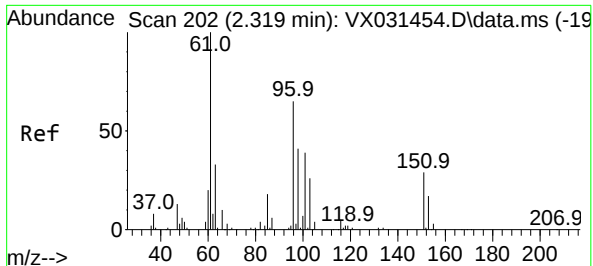
Tgt Ion:168 Resp: 77572
Ion Ratio Lower Upper
168 100
99 50.6 48.8 73.2



#4
Vinyl Chloride
Concen: 4.091 ug/l
RT: 1.368 min Scan# 46
Delta R.T. -0.006 min
Lab File: VX031533.D
Acq: 21 Sep 2022 18:37

Tgt Ion: 62 Resp: 6902
Ion Ratio Lower Upper
62 100
64 29.1 25.3 37.9

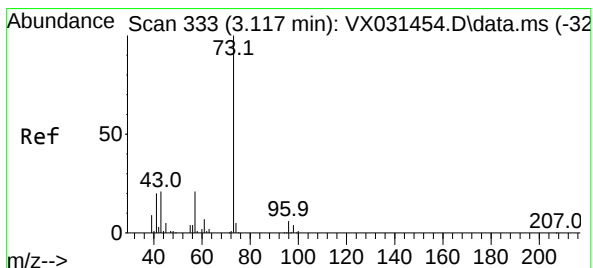
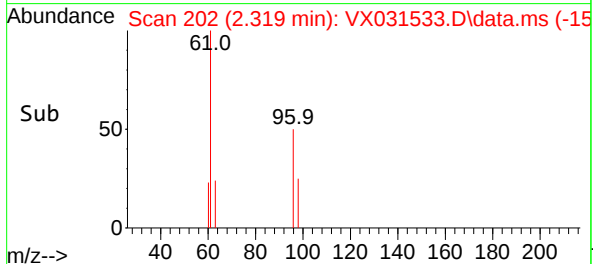
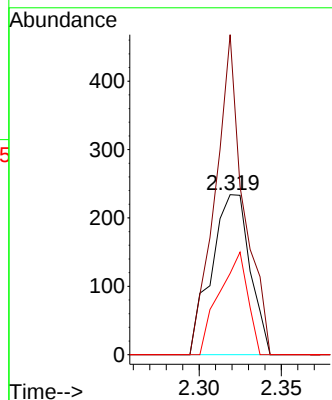
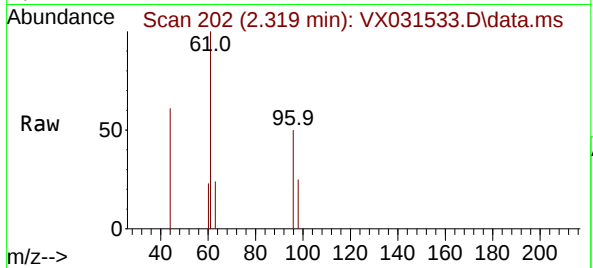




#12
1,1-Dichloroethene
Concen: 0.316 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX031533.D
Acq: 21 Sep 2022 18:37

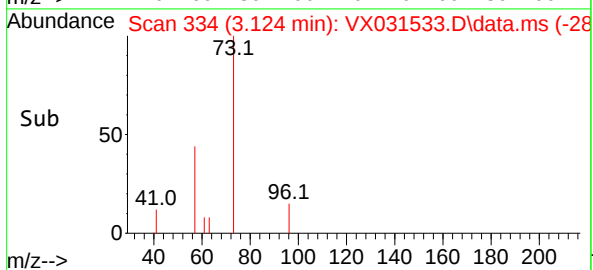
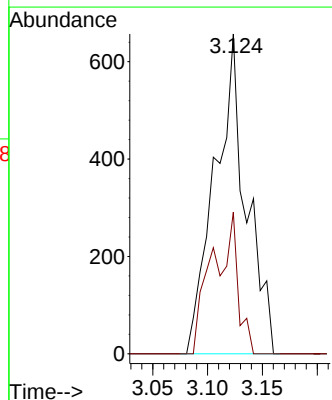
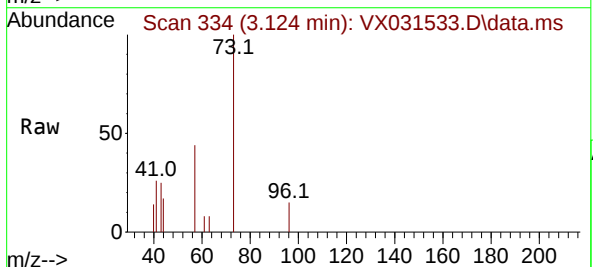
Instrument :
MSVOA_X
ClientSampleId :
MW-3RRA

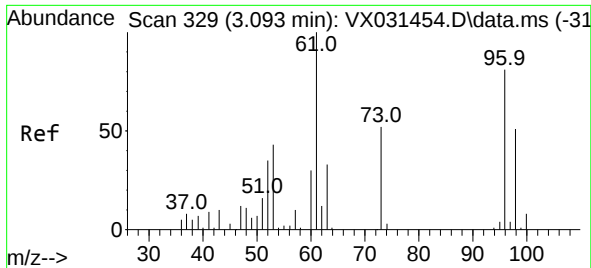
Tgt Ion: 96 Resp: 382
Ion Ratio Lower Upper
96 100
61 200.0 135.3 202.9
98 50.9 49.4 74.2



#19
Methyl tert-butyl Ether
Concen: 0.300 ug/l
RT: 3.124 min Scan# 334
Delta R.T. 0.007 min
Lab File: VX031533.D
Acq: 21 Sep 2022 18:37

Tgt Ion: 73 Resp: 1310
Ion Ratio Lower Upper
73 100
57 44.3 17.2 25.8#

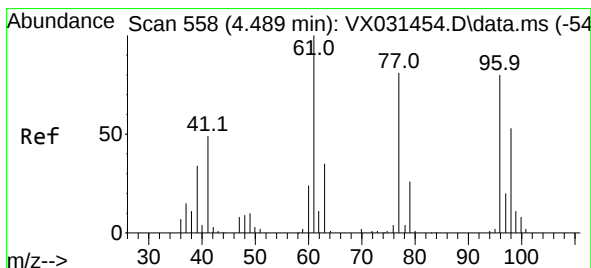
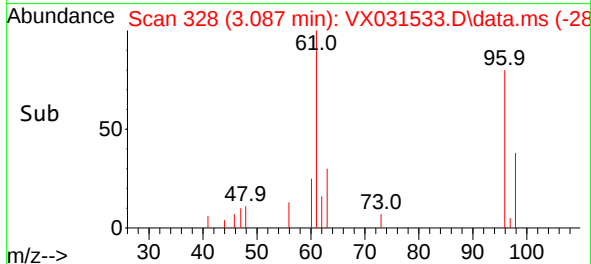
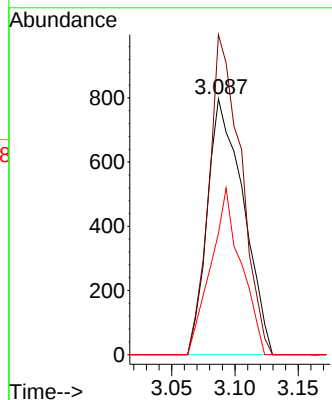
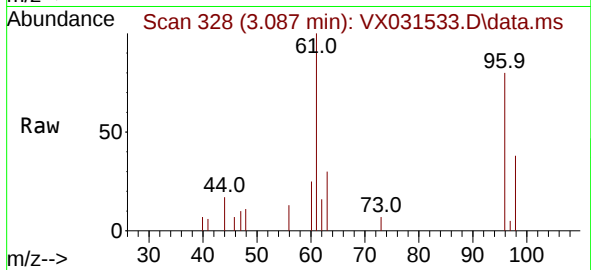




#21
trans-1,2-Dichloroethene
Concen: 1.158 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX031533.D
Acq: 21 Sep 2022 18:37

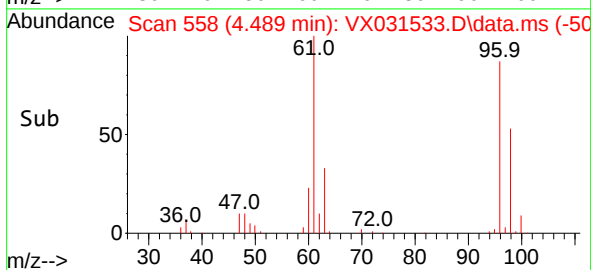
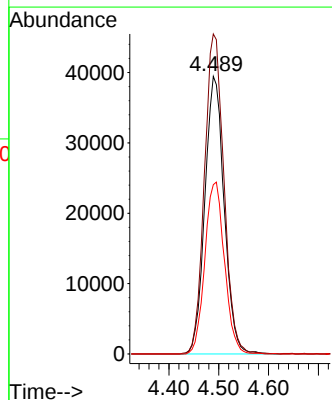
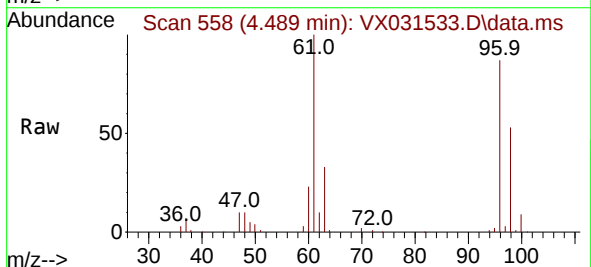
Instrument :
MSVOA_X
ClientSampleId :
MW-3RRA

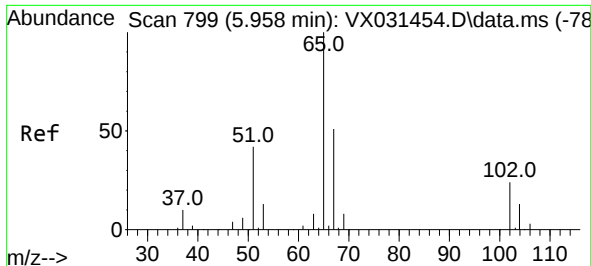
Tgt Ion: 96 Resp: 1579
Ion Ratio Lower Upper
96 100
61 125.1 106.7 160.1
98 47.4 48.7 73.1#



#27
cis-1,2-Dichloroethene
Concen: 64.533 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX031533.D
Acq: 21 Sep 2022 18:37

Tgt Ion: 96 Resp: 106048
Ion Ratio Lower Upper
96 100
61 116.3 0.0 305.2
98 62.8 0.0 128.4





#33

1,2-Dichloroethane-d4

Concen: 57.858 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031533.D

Acq: 21 Sep 2022 18:37

Instrument :

MSVOA_X

ClientSampleId :

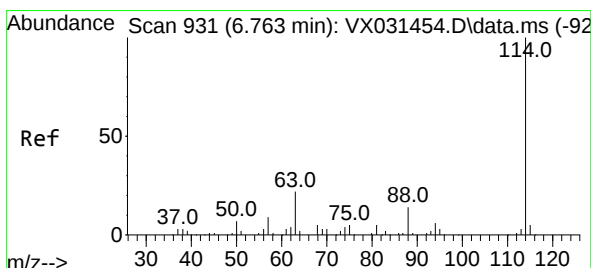
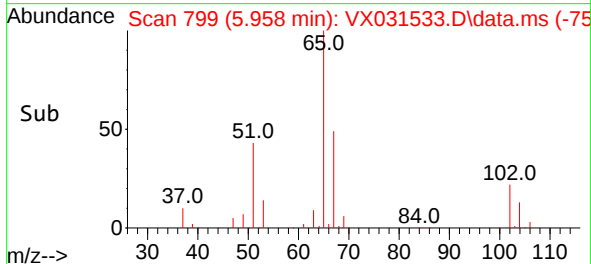
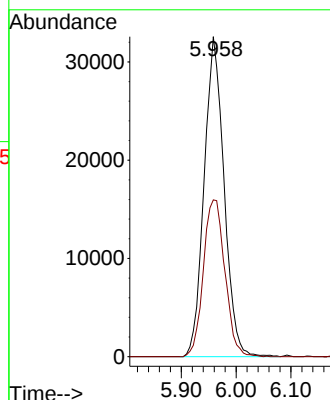
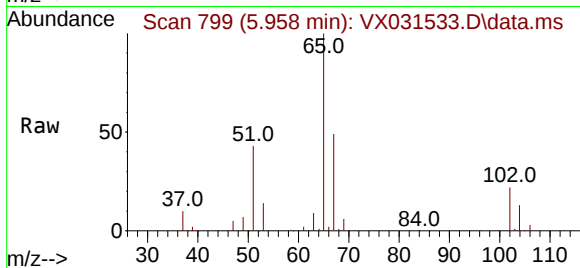
MW-3RRA

Tgt Ion: 65 Resp: 82222

Ion Ratio Lower Upper

65 100

67 52.9 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX031533.D

Acq: 21 Sep 2022 18:37

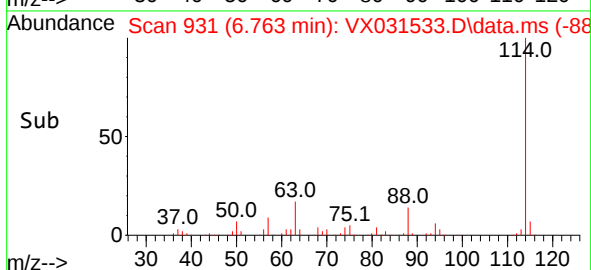
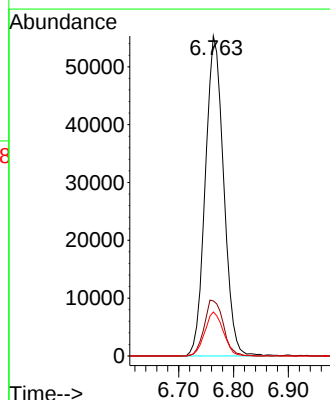
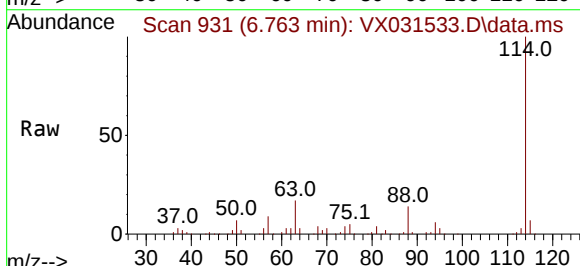
Tgt Ion: 114 Resp: 128513

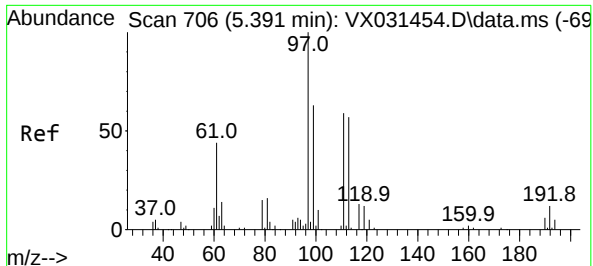
Ion Ratio Lower Upper

114 100

63 17.2 0.0 42.6

88 13.8 0.0 33.0





#35

Dibromofluoromethane

Concen: 53.295 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX031533.D

Acq: 21 Sep 2022 18:37

Instrument :

MSVOA_X

ClientSampleId :

MW-3RRA

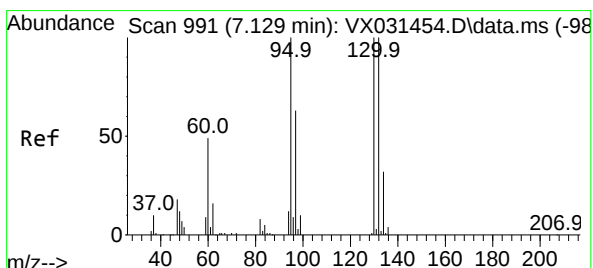
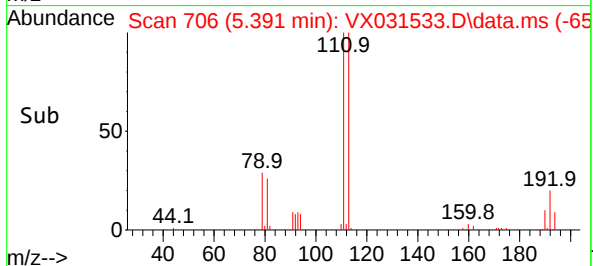
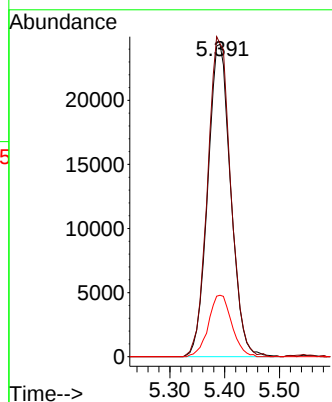
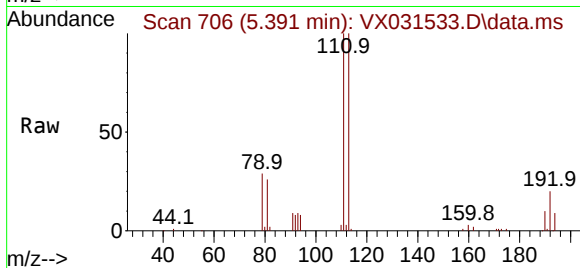
Tgt Ion:113 Resp: 70729

Ion Ratio Lower Upper

113 100

111 103.4 82.4 123.6

192 19.9 14.1 21.1



#44

Trichloroethene

Concen: 39.186 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX031533.D

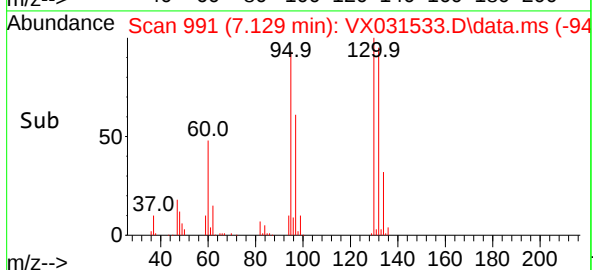
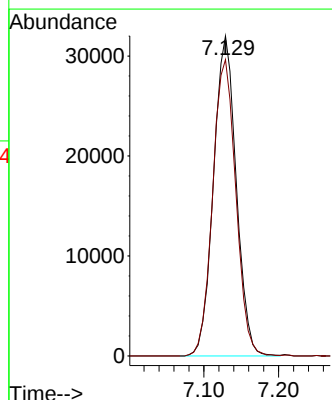
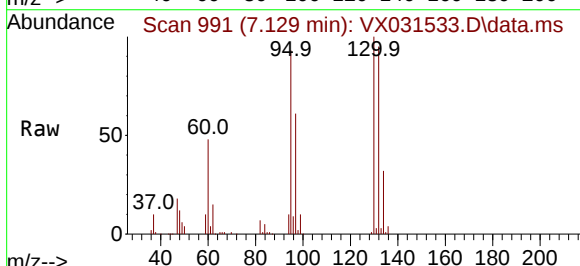
Acq: 21 Sep 2022 18:37

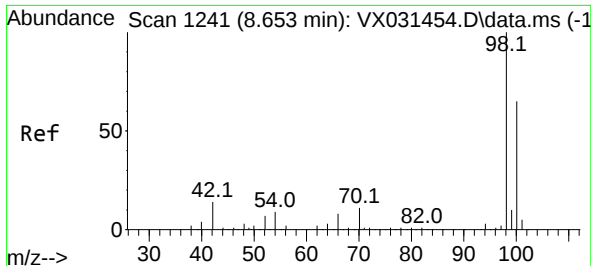
Tgt Ion:130 Resp: 67710

Ion Ratio Lower Upper

130 100

95 92.6 0.0 206.8





#50

Toluene-d8

Concen: 53.165 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX031533.D

Acq: 21 Sep 2022 18:37

Instrument :

MSVOA_X

ClientSampleId :

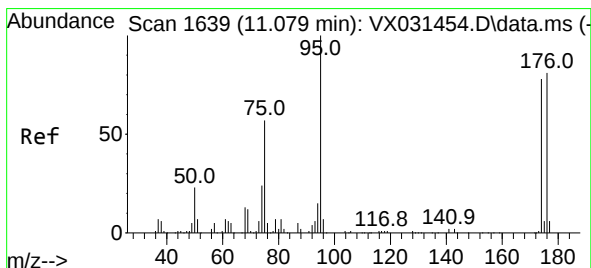
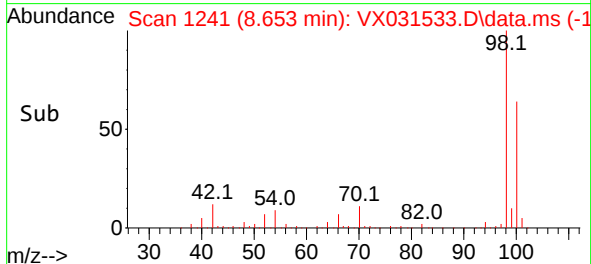
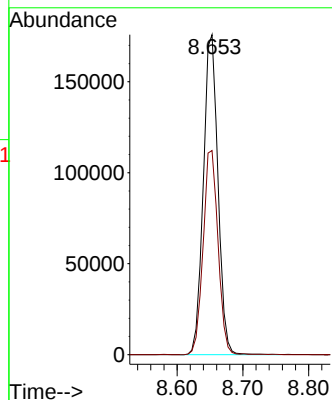
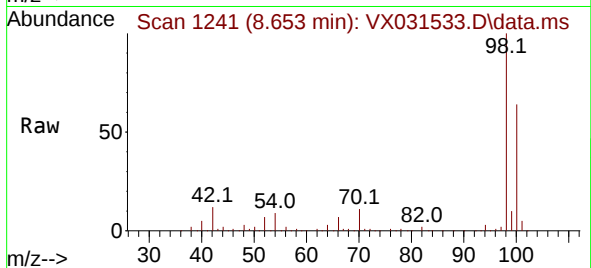
MW-3RRA

Tgt Ion: 98 Resp: 272209

Ion Ratio Lower Upper

98 100

100 65.0 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 50.184 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX031533.D

Acq: 21 Sep 2022 18:37

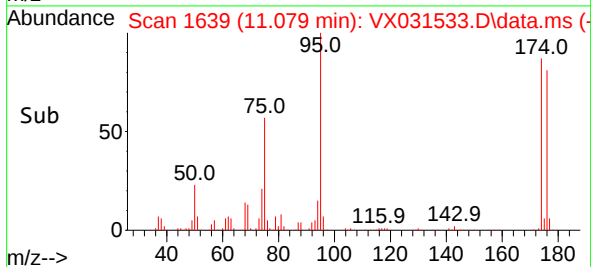
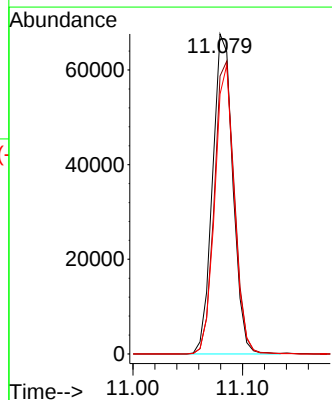
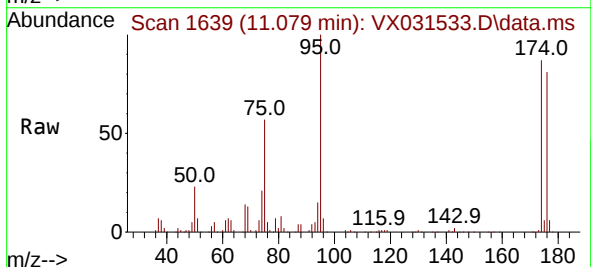
Tgt Ion: 95 Resp: 87036

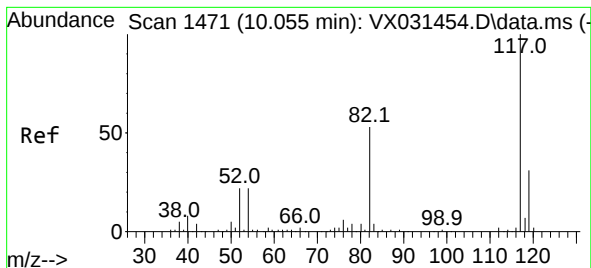
Ion Ratio Lower Upper

95 100

174 90.8 0.0 153.2

176 86.9 0.0 144.0

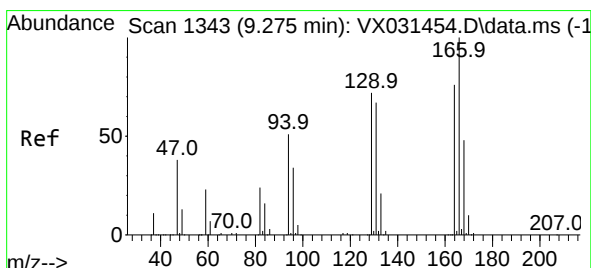
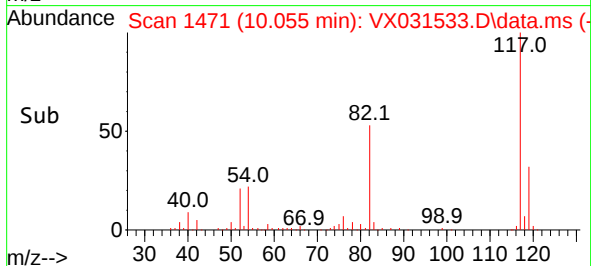
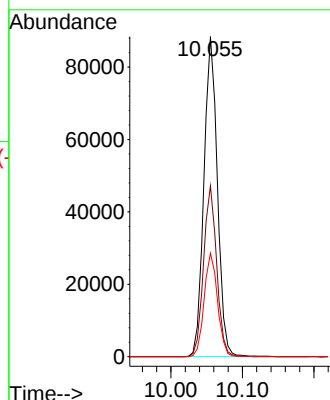
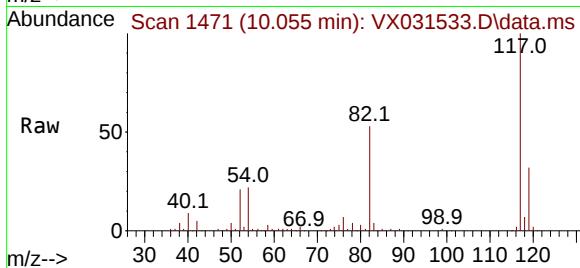




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031533.D
Acq: 21 Sep 2022 18:37

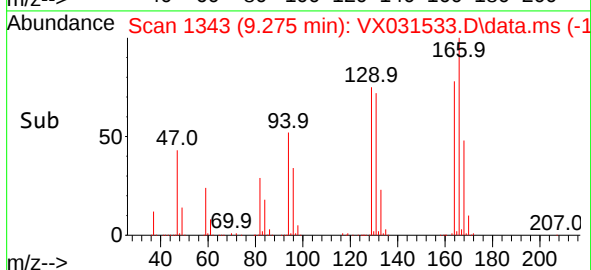
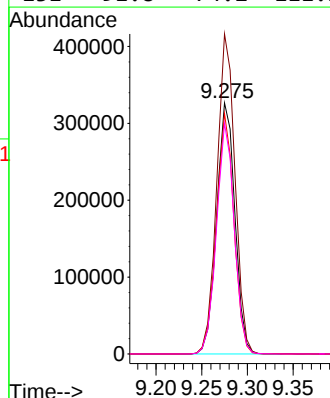
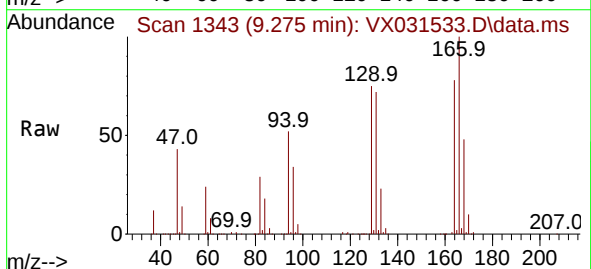
Instrument :
MSVOA_X
ClientSampleId :
MW-3RRA

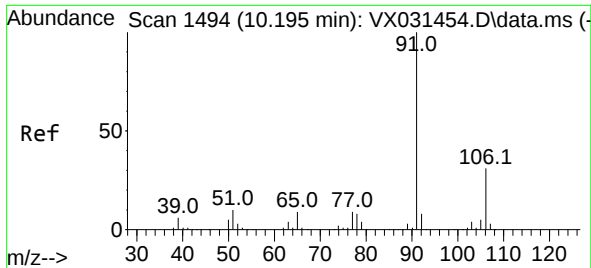
Tgt Ion:117 Resp: 115770
Ion Ratio Lower Upper
117 100
82 53.4 46.8 70.2
119 32.4 26.4 39.6



#64
Tetrachloroethene
Concen: 326.506 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX031533.D
Acq: 21 Sep 2022 18:37

Tgt Ion:164 Resp: 454021
Ion Ratio Lower Upper
164 100
166 127.4 99.0 148.4
129 95.8 78.0 117.0
131 91.8 74.2 111.2

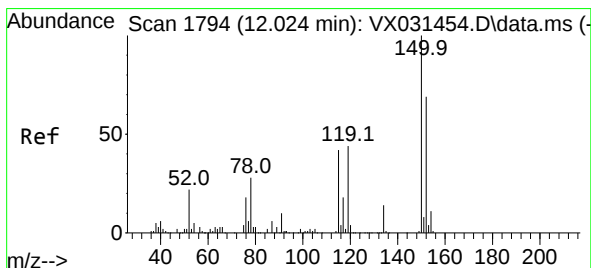
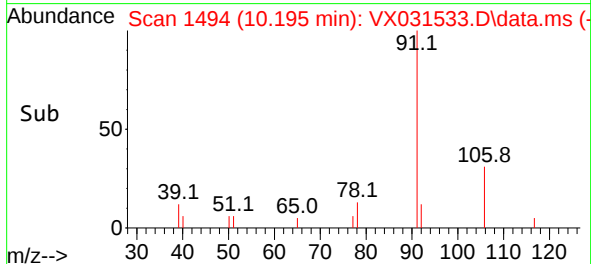
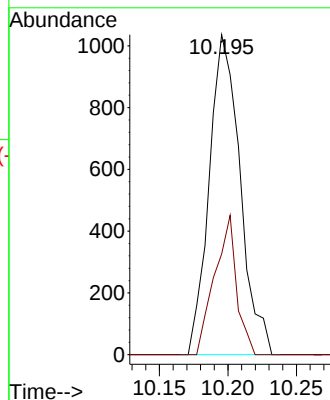
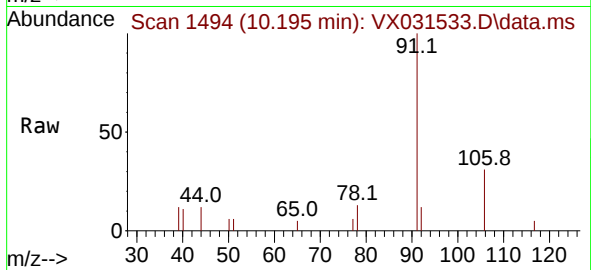




#67
Ethyl Benzene
Concen: 0.257 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX031533.D
Acq: 21 Sep 2022 18:37

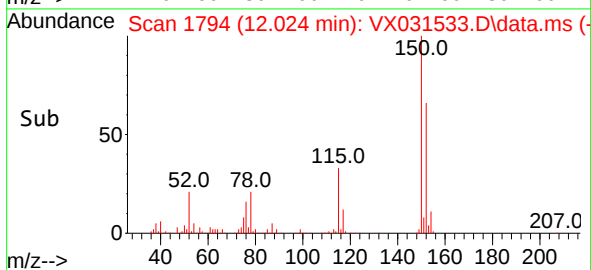
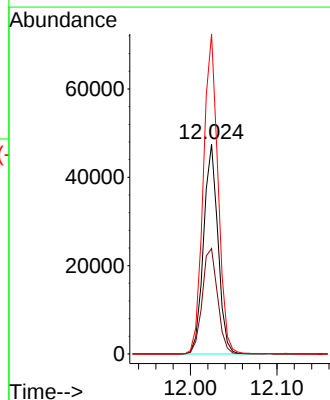
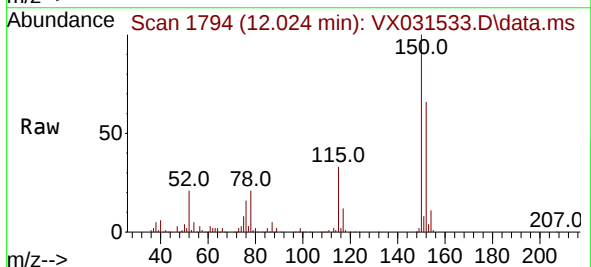
Instrument :
MSVOA_X
ClientSampleId :
MW-3RRA

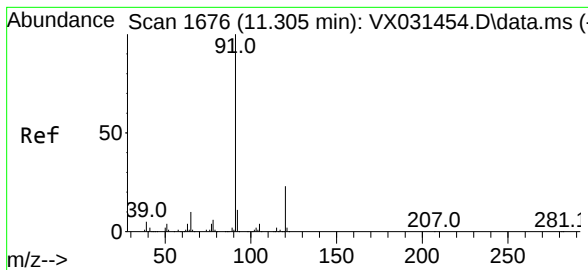
Tgt Ion: 91 Resp: 1622
Ion Ratio Lower Upper
91 100
106 31.5 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031533.D
Acq: 21 Sep 2022 18:37

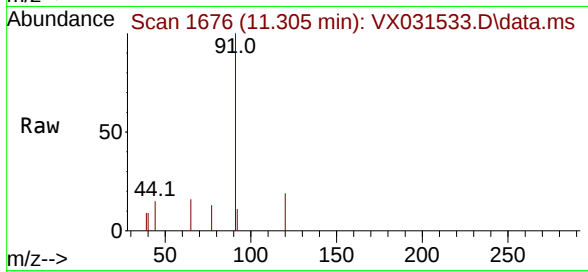
Tgt Ion: 152 Resp: 54698
Ion Ratio Lower Upper
152 100
115 53.8 43.4 130.1
150 156.1 0.0 346.8





#78
 n-propylbenzene
 Concen: 0.259 ug/l
 RT: 11.305 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VX031533.D
 Acq: 21 Sep 2022 18:37

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3RRA



Tgt Ion: 91 Resp: 1216
 Ion Ratio Lower Upper
 91 100
 120 22.9 11.8 35.4

