

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070622\
 Data File : VX029936.D
 Acq On : 06 Jul 2022 12:10
 Operator : JC/MD
 Sample : N3591-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OW-01B-64-69-070522

Quant Time: Jul 07 02:33:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 05:54:51 2022
 Response via : Initial Calibration

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

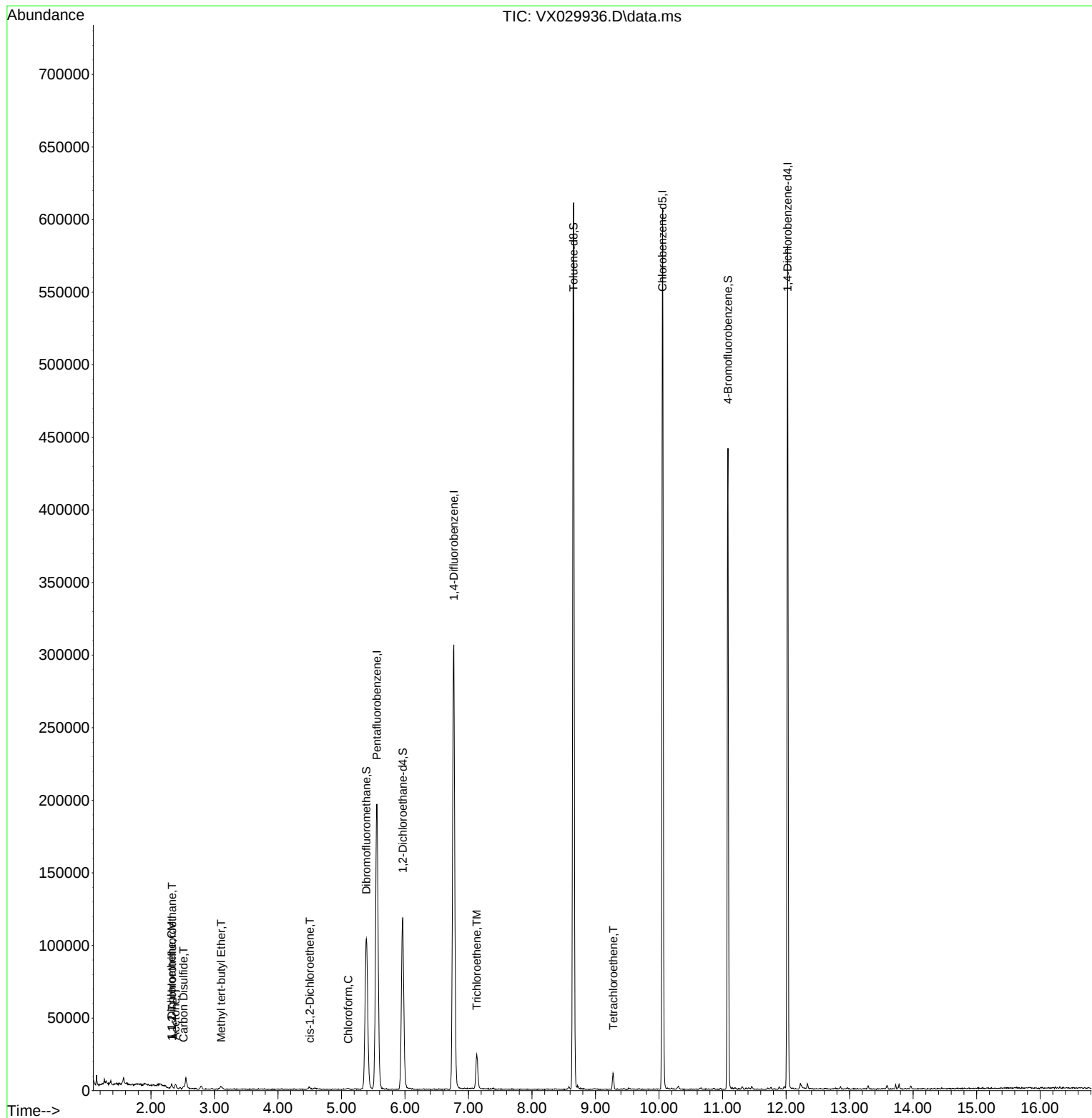
Internal Standards						
1) Pentafluorobenzene	5.556	168	195374	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	335305	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	284588	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	114268	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	106081	42.894	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	85.780%
35) Dibromofluoromethane	5.391	113	93983	44.850	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.700%
50) Toluene-d8	8.653	98	375691	47.791	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.580%
62) 4-Bromofluorobenzene	11.085	95	123036	44.277	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.560%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.331	101	768	0.392	ug/l	95
12) 1,1-Dichloroethene	2.325	96	451	0.224	ug/l #	76
16) Acetone	2.386	43	3421	2.827	ug/l	98
17) Carbon Disulfide	2.514	76	1681	0.336	ug/l	96
19) Methyl tert-butyl Ether	3.105	73	1363	0.201	ug/l #	77
27) cis-1,2-Dichloroethene	4.501	96	860	0.330	ug/l	98
30) Chloroform	5.105	83	1067	0.275	ug/l #	66
44) Trichloroethene	7.129	130	9097	3.748	ug/l	94
64) Tetrachloroethene	9.281	164	1995	1.162	ug/l	93

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

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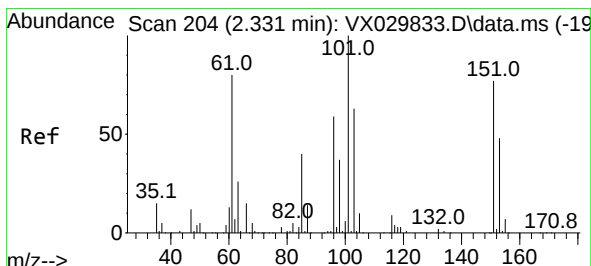
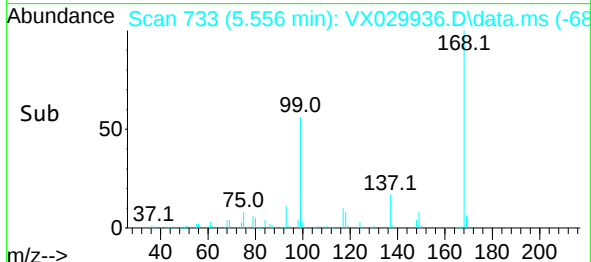
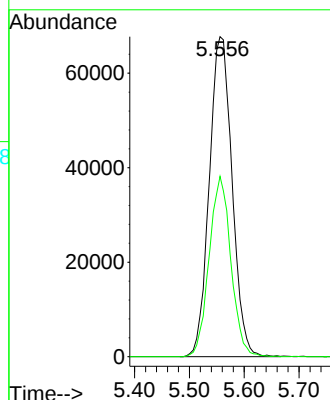
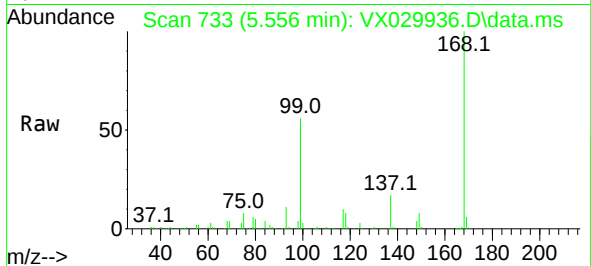




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.000 min
Lab File: VX029936.D
Acq: 06 Jul 2022 12:10

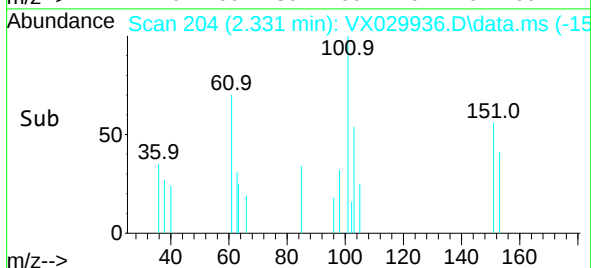
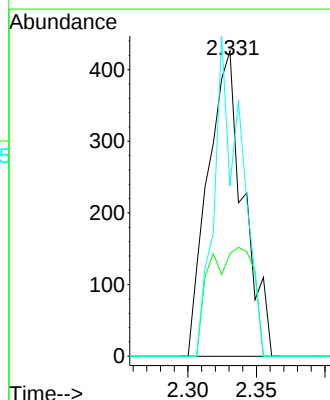
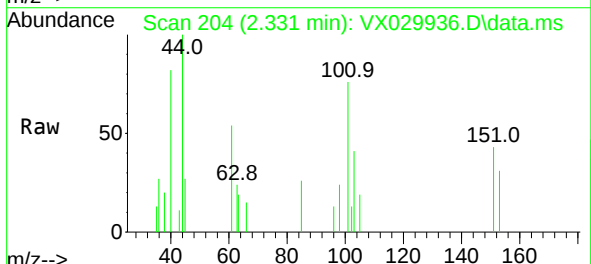
Instrument :
MSVOA_X
ClientSampleId :
OW-01B-64-69-070522

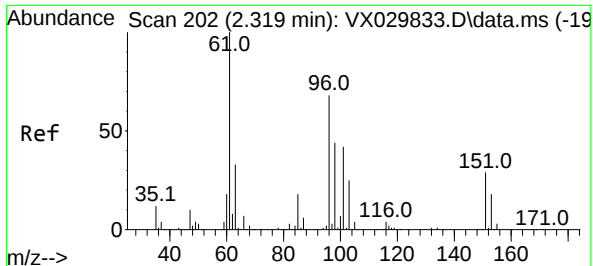
Tgt Ion:168 Resp: 195374
Ion Ratio Lower Upper
168 100
99 56.4 44.0 66.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.392 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX029936.D
Acq: 06 Jul 2022 12:10

Tgt Ion:101 Resp: 768
Ion Ratio Lower Upper
101 100
85 44.1 34.0 51.0
151 79.3 59.4 89.0





#12

1,1-Dichloroethene

Concen: 0.224 ug/l

RT: 2.325 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX029936.D

Acq: 06 Jul 2022 12:10

Instrument :

MSVOA_X

ClientSampleId :

OW-01B-64-69-070522

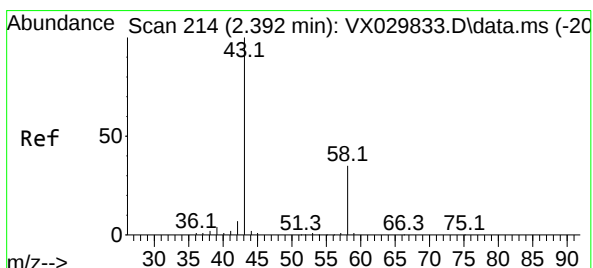
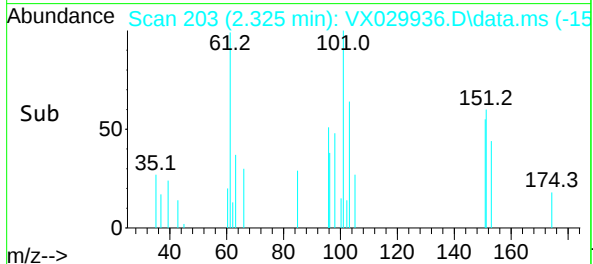
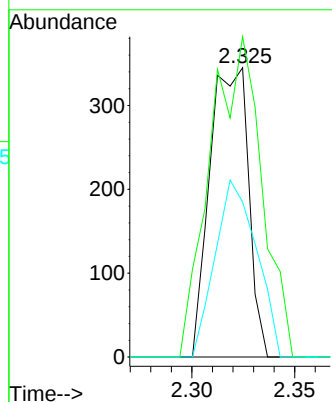
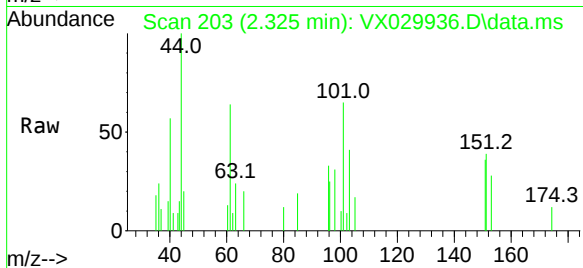
Tgt Ion: 96 Resp: 451

Ion Ratio Lower Upper

96 100

61 110.7 117.4 176.0#

98 53.6 52.2 78.4



#16

Acetone

Concen: 2.827 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX029936.D

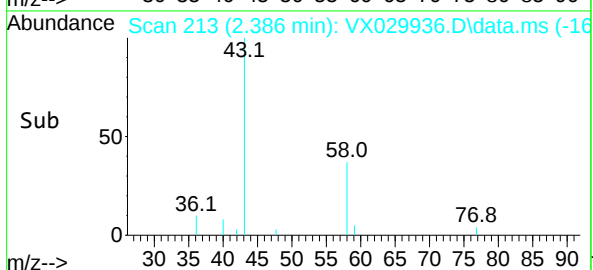
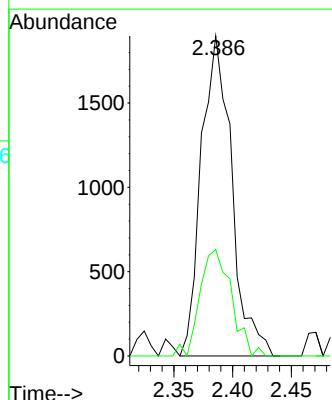
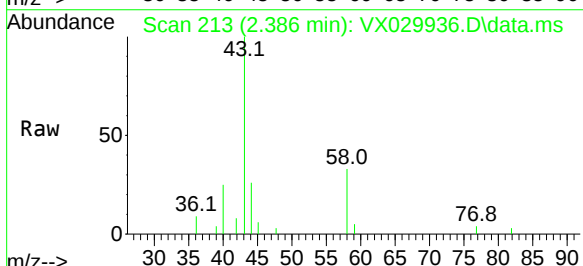
Acq: 06 Jul 2022 12:10

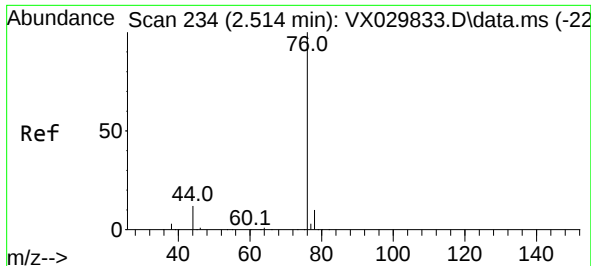
Tgt Ion: 43 Resp: 3421

Ion Ratio Lower Upper

43 100

58 33.2 27.7 41.5





#17

Carbon Disulfide

Concen: 0.336 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX029936.D

Acq: 06 Jul 2022 12:10

Instrument :

MSVOA_X

ClientSampleId :

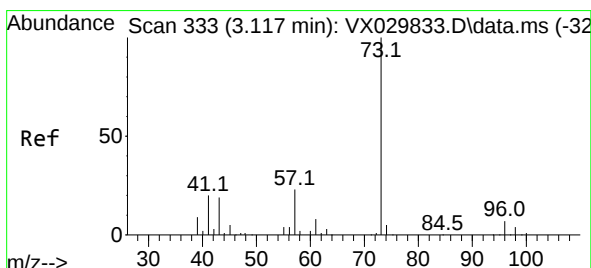
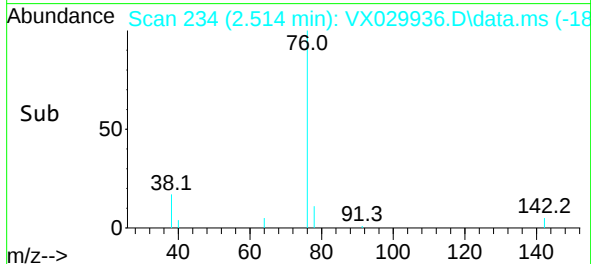
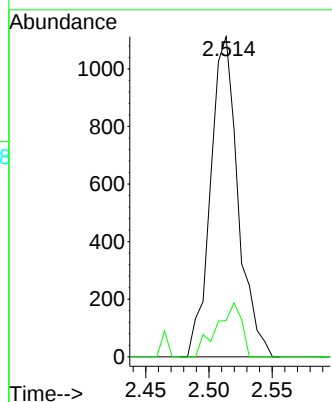
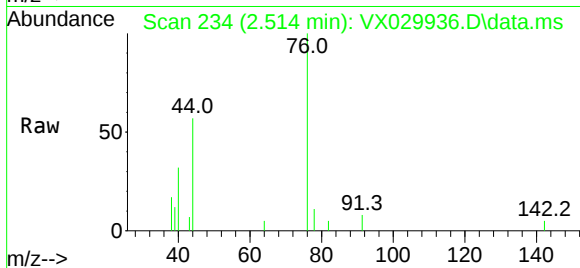
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Tgt Ion: 76 Resp: 1681

Ion Ratio Lower Upper

76 100

78 11.3 7.8 11.6



#19

Methyl tert-butyl Ether

Concen: 0.201 ug/l

RT: 3.105 min Scan# 331

Delta R.T. -0.012 min

Lab File: VX029936.D

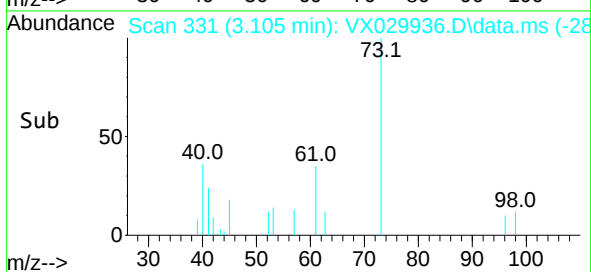
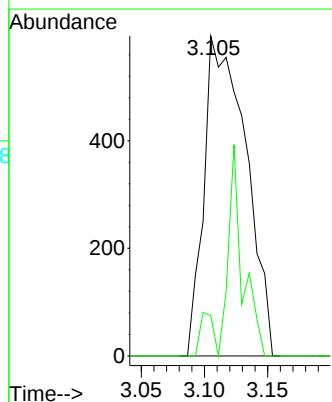
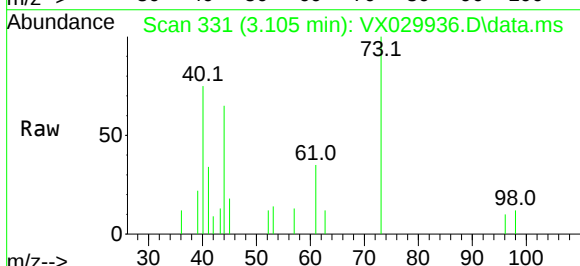
Acq: 06 Jul 2022 12:10

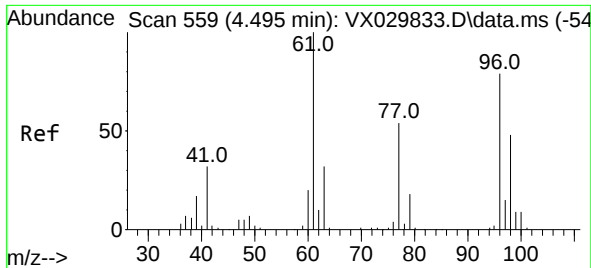
Tgt Ion: 73 Resp: 1363

Ion Ratio Lower Upper

73 100

57 12.6 19.0 28.6#





#27

cis-1,2-Dichloroethene

Concen: 0.330 ug/l

RT: 4.501 min Scan# 5

Delta R.T. 0.006 min

Lab File: VX029936.D

Acq: 06 Jul 2022 12:10

Instrument :

MSVOA_X

ClientSampleId :

OW-01B-64-69-070522

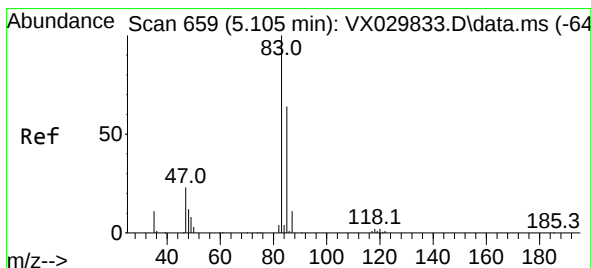
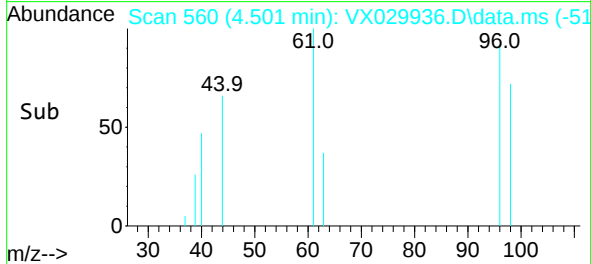
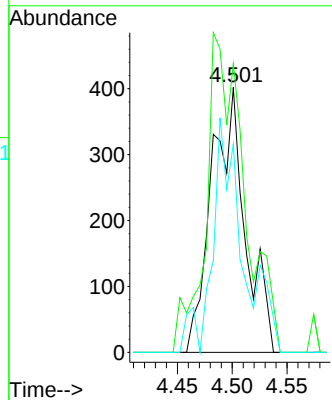
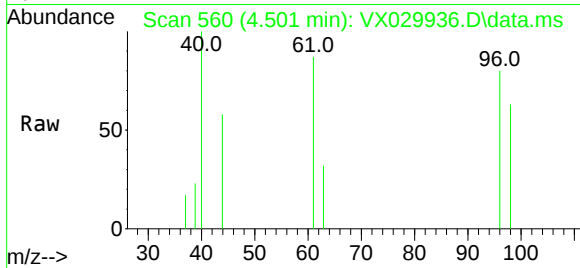
Tgt Ion: 96 Resp: 860

Ion Ratio Lower Upper

96 100

61 136.5 0.0 270.0

98 67.7 0.0 127.8



#30

Chloroform

Concen: 0.275 ug/l

RT: 5.105 min Scan# 659

Delta R.T. -0.000 min

Lab File: VX029936.D

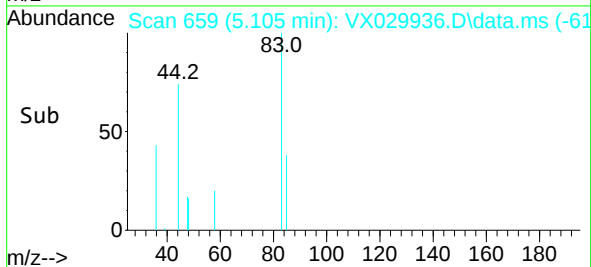
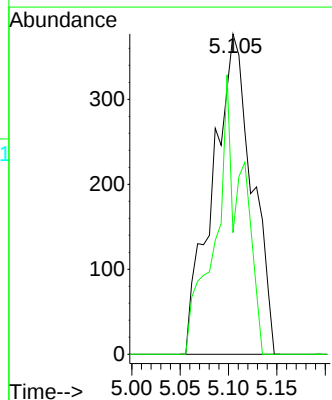
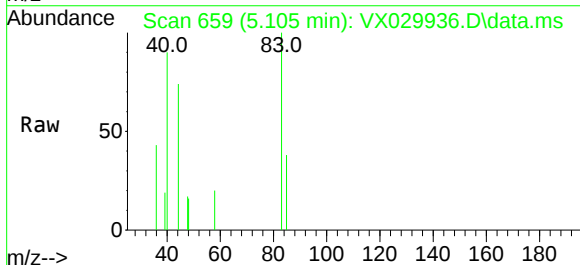
Acq: 06 Jul 2022 12:10

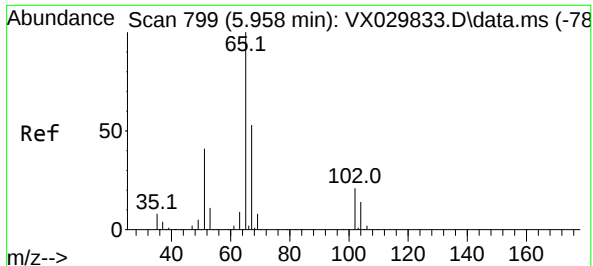
Tgt Ion: 83 Resp: 1067

Ion Ratio Lower Upper

83 100

85 37.9 51.5 77.3#





#33

1,2-Dichloroethane-d4

Concen: 42.894 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX029936.D

Acq: 06 Jul 2022 12:10

Instrument :

MSVOA_X

ClientSampleId :

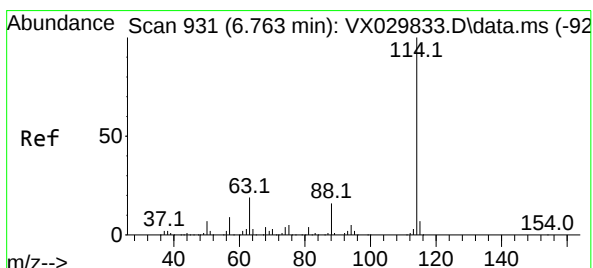
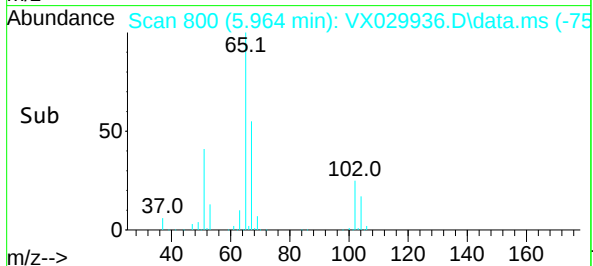
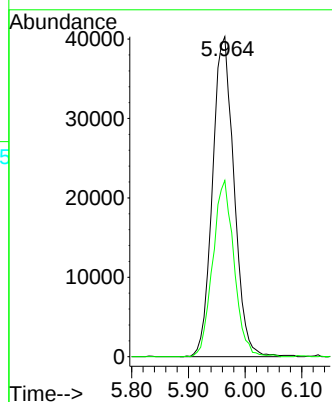
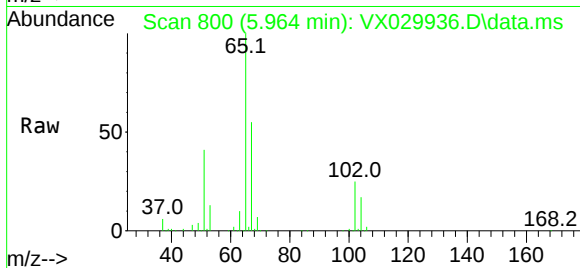
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Tgt Ion: 65 Resp: 106081

Ion Ratio Lower Upper

65 100

67 54.4 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.006 min

Lab File: VX029936.D

Acq: 06 Jul 2022 12:10

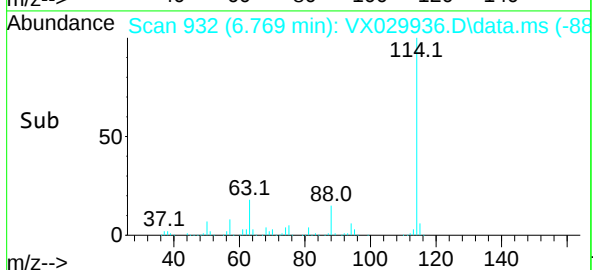
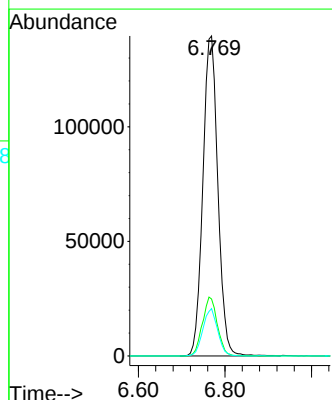
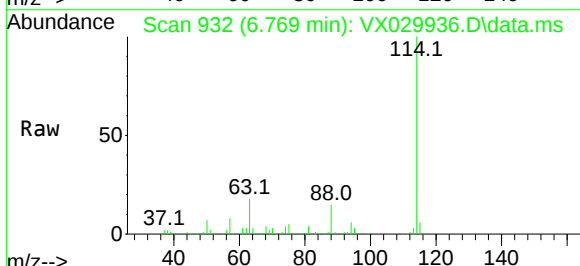
Tgt Ion: 114 Resp: 335305

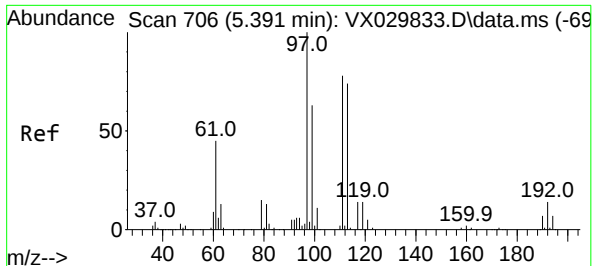
Ion Ratio Lower Upper

114 100

63 17.8 0.0 38.4

88 14.8 0.0 31.8





#35

Dibromofluoromethane

Concen: 44.850 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

Lab File: VX029936.D

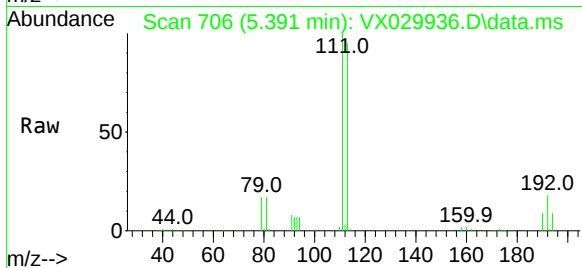
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Instrument :

MSVOA_X

ClientSampleId :

OW-01B-64-69-070522



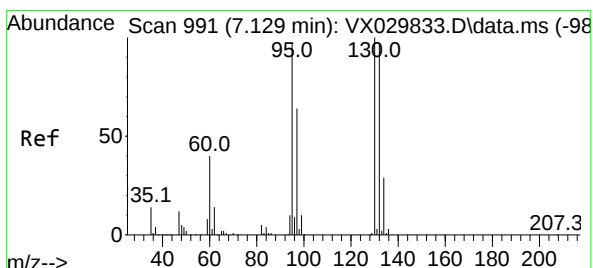
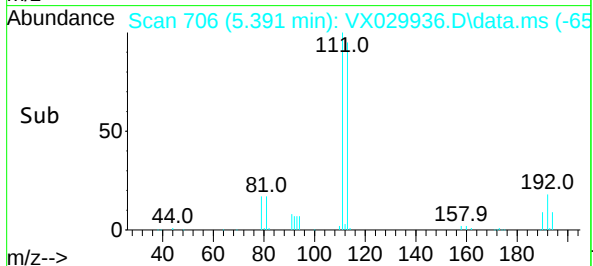
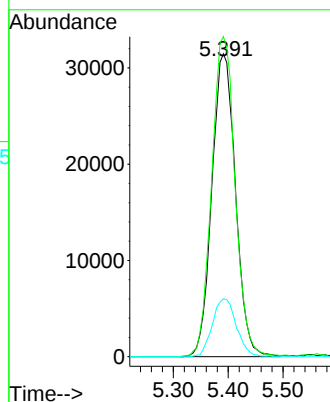
Tgt Ion:113 Resp: 93983

Ion Ratio Lower Upper

113 100

111 105.4 83.2 124.8

192 19.5 14.8 22.2



#44

Trichloroethene

Concen: 3.748 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX029936.D

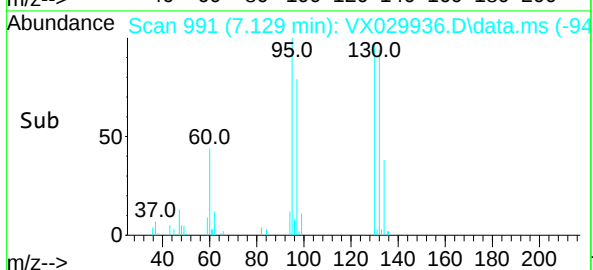
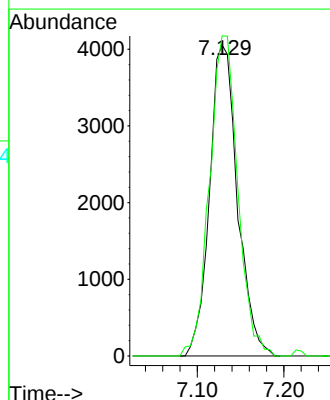
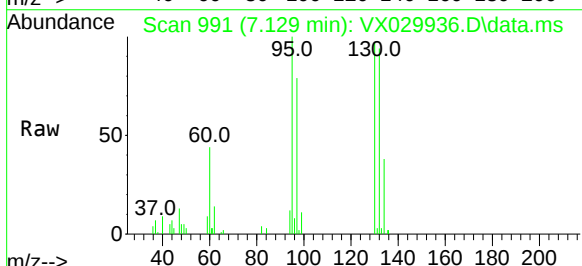
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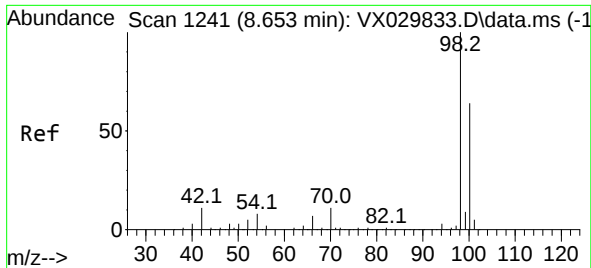
Tgt Ion:130 Resp: 9097

Ion Ratio Lower Upper

130 100

95 102.9 0.0 194.8

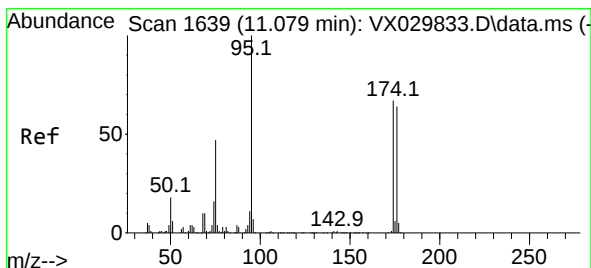
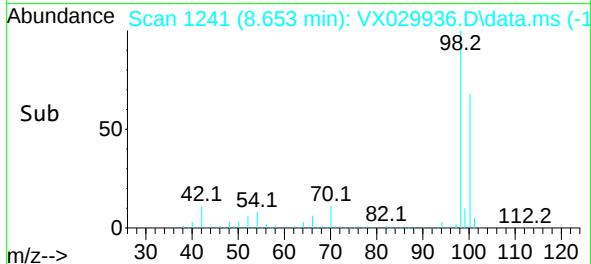
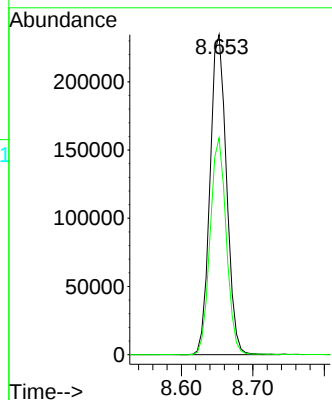
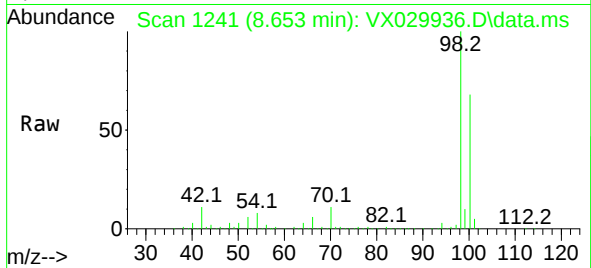




#50
Toluene-d8
Concen: 47.791 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029936.D
Acq: 06 Jul 2022 12:10

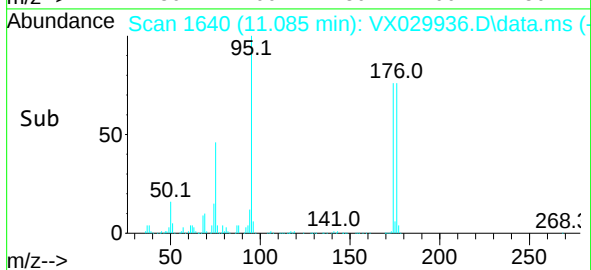
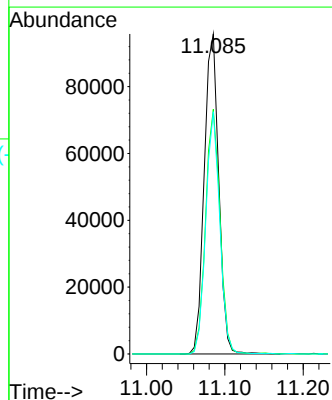
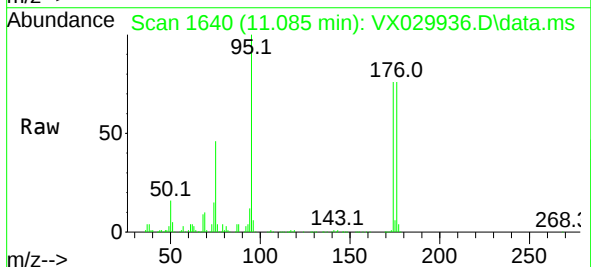
Instrument :
MSVOA_X
ClientSampleId :
OW-01B-64-69-070522

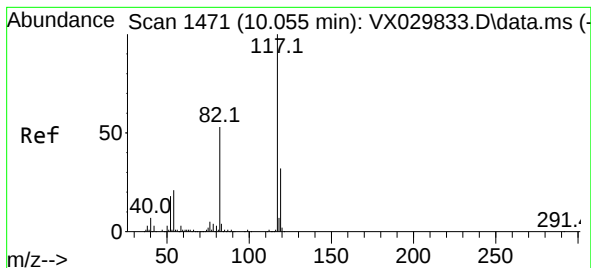
Tgt Ion: 98 Resp: 375691
Ion Ratio Lower Upper
98 100
100 66.4 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 44.277 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX029936.D
Acq: 06 Jul 2022 12:10

Tgt Ion: 95 Resp: 123036
Ion Ratio Lower Upper
95 100
174 75.9 0.0 149.0
176 72.7 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: VX029936.D

Acq: 06 Jul 2022 12:10

Instrument :

MSVOA_X

ClientSampleId :

OW-01B-64-69-070522

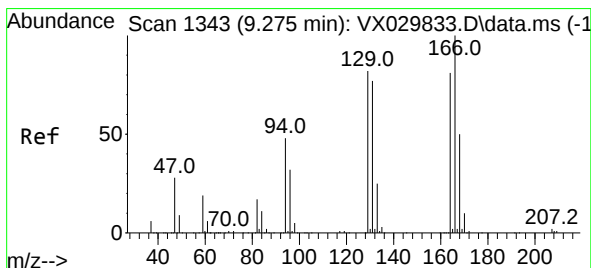
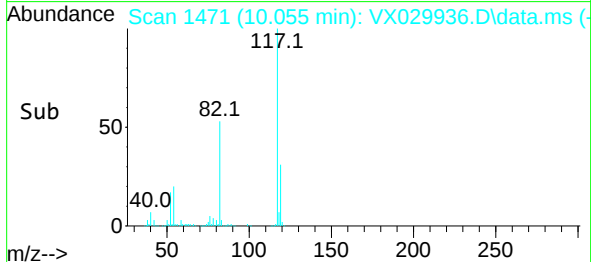
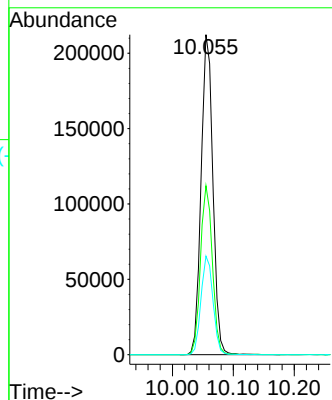
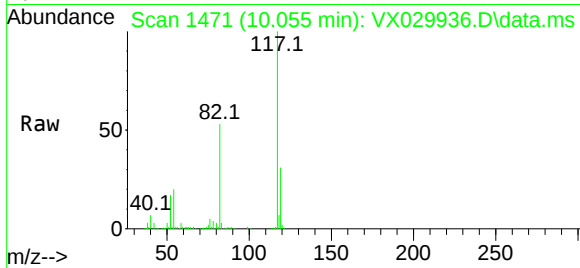
Tgt Ion:117 Resp: 284588

Ion Ratio Lower Upper

117 100

82 52.8 42.7 64.1

119 30.8 25.4 38.2



#64

Tetrachloroethene

Concen: 1.162 ug/l

RT: 9.281 min Scan# 1344

Delta R.T. 0.006 min

Lab File: VX029936.D

Acq: 06 Jul 2022 12:10

Tgt Ion:164 Resp: 1995

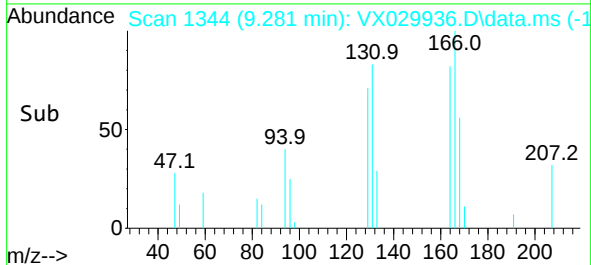
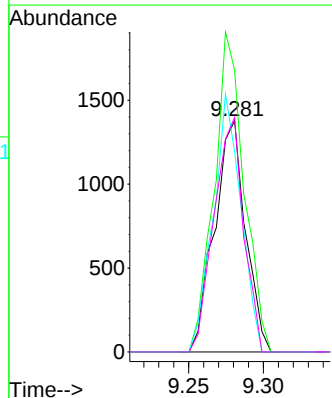
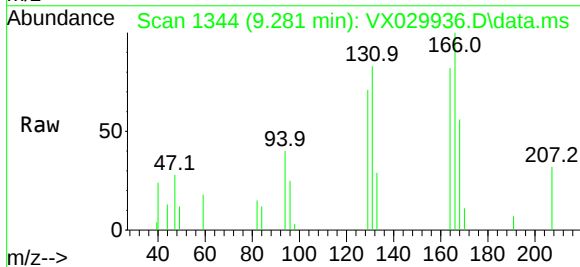
Ion Ratio Lower Upper

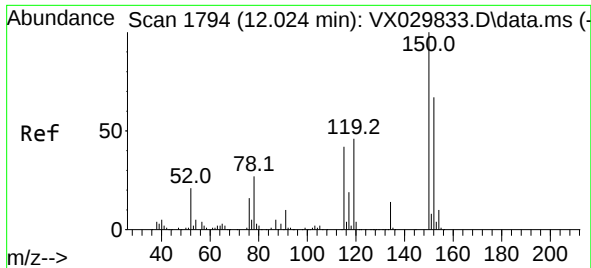
164 100

166 121.9 98.2 147.4

129 86.6 80.8 121.2

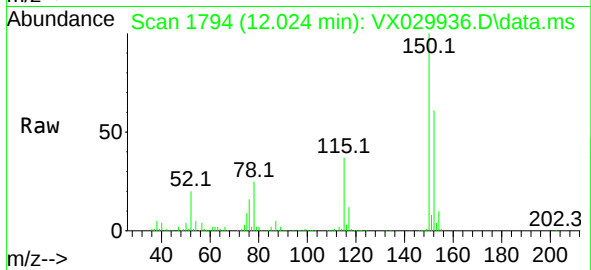
131 101.5 75.5 113.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX029936.D
 Acq: 06 Jul 2022 12:10

Instrument :
 MSVOA_X
 ClientSampleId :
 OW-01B-64-69-070522



Tgt Ion:152 Resp: 114268

Ion	Ratio	Lower	Upper
152	100		
115	61.3	40.5	121.5
150	160.5	0.0	347.0

