

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090222\
 Data File : VX031059.D
 Acq On : 02 Sep 2022 12:08
 Operator : JC/MD
 Sample : N4298-05DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL02

Quant Time: Sep 03 00:48:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090122W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 02:49:21 2022
 Response via : Initial Calibration

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

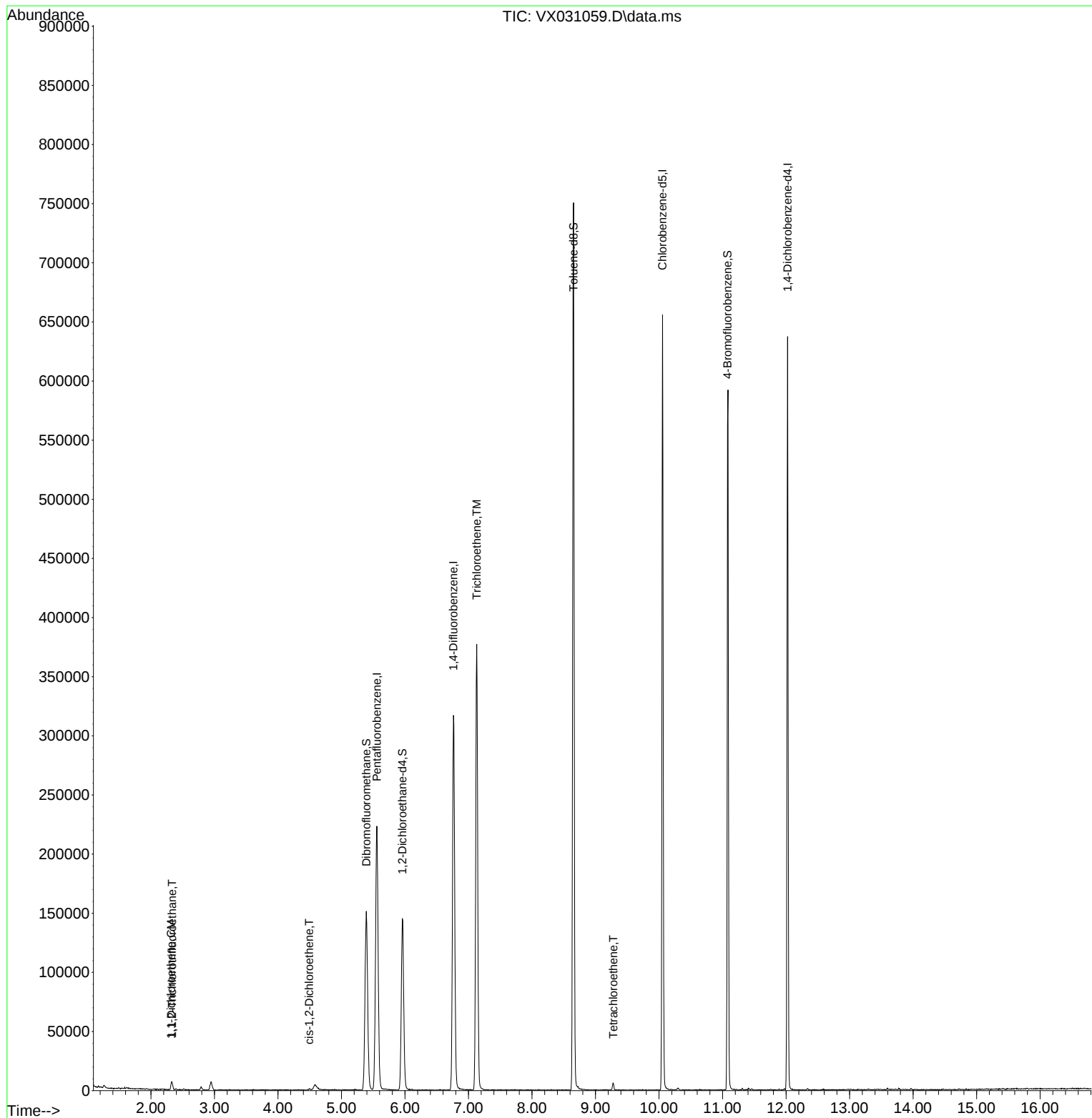
Internal Standards						
1) Pentafluorobenzene	5.556	168	229015	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	361965	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	318680	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	143652	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	141594	48.051	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.100%
35) Dibromofluoromethane	5.391	113	135965	51.473	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.940%
50) Toluene-d8	8.653	98	491074	50.513	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.020%
62) 4-Bromofluorobenzene	11.079	95	166331	48.441	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.880%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.331	101	2151	0.781	ug/l	92
12) 1,1-Dichloroethene	2.319	96	932	0.350	ug/l #	65
27) cis-1,2-Dichloroethene	4.489	96	821	0.247	ug/l	47
44) Trichloroethene	7.129	130	158808	47.232	ug/l	98
64) Tetrachloroethene	9.281	164	1338	0.421	ug/l #	72

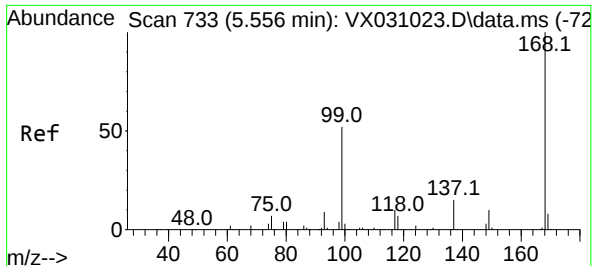
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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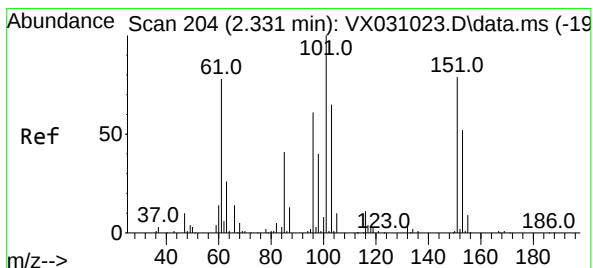
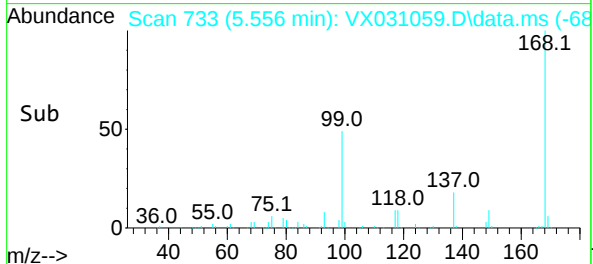
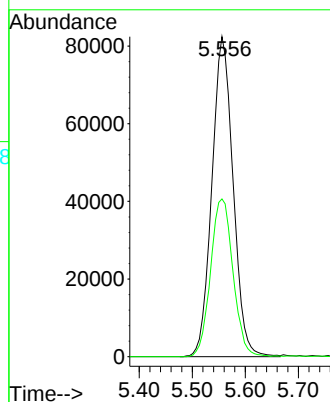
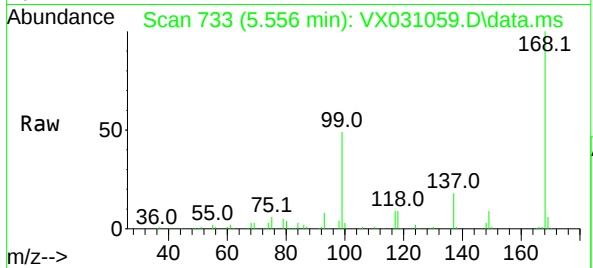




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031059.D
Acq: 02 Sep 2022 12:08

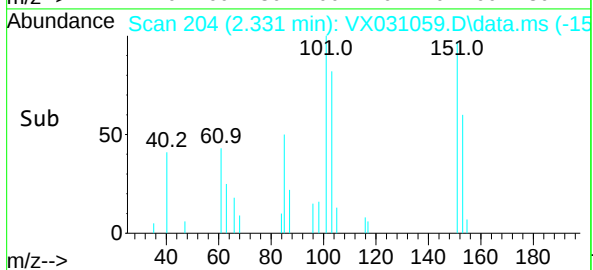
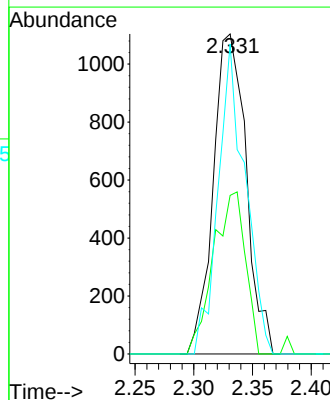
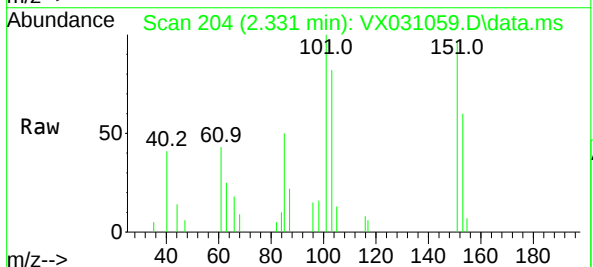
Instrument :
MSVOA_X
ClientSampleId :
MDL02

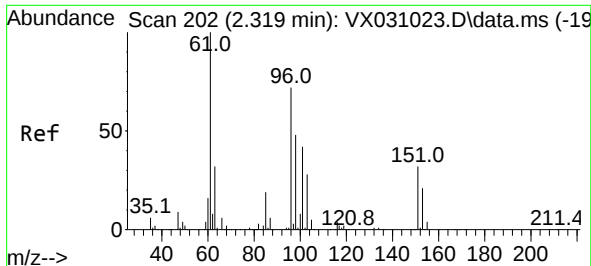
Tgt Ion:168 Resp: 229015
Ion Ratio Lower Upper
168 100
99 49.3 44.0 66.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.781 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX031059.D
Acq: 02 Sep 2022 12:08

Tgt Ion:101 Resp: 2151
Ion Ratio Lower Upper
101 100
85 49.2 34.0 51.0
151 80.0 59.4 89.0





#12

1,1-Dichloroethene

Concen: 0.350 ug/l

RT: 2.319 min Scan# 20

Delta R.T. -0.000 min

Lab File: VX031059.D

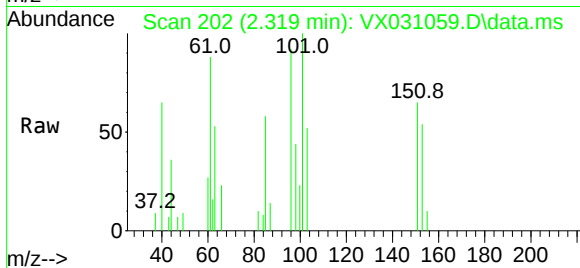
Acq: 02 Sep 2022 12:08

Instrument :

MSVOA_X

ClientSampleId :

MDL02



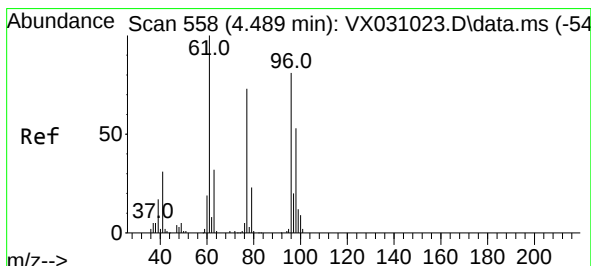
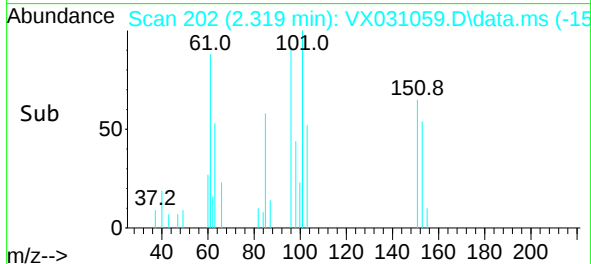
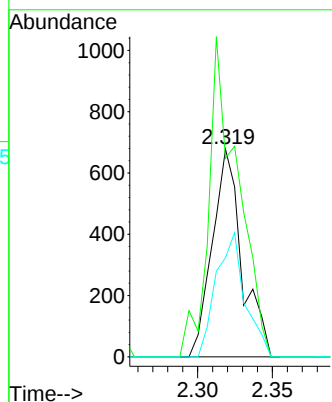
Tgt Ion: 96 Resp: 932

Ion Ratio Lower Upper

96 100

61 95.6 117.4 176.0#

98 47.6 52.2 78.4#



#27

cis-1,2-Dichloroethene

Concen: 0.247 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX031059.D

Acq: 02 Sep 2022 12:08

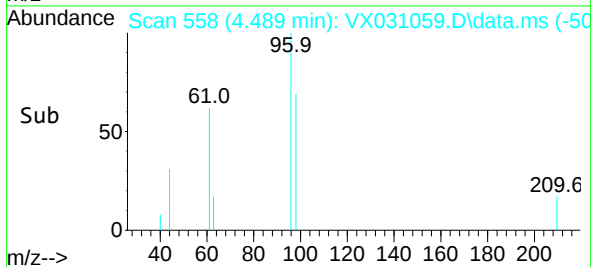
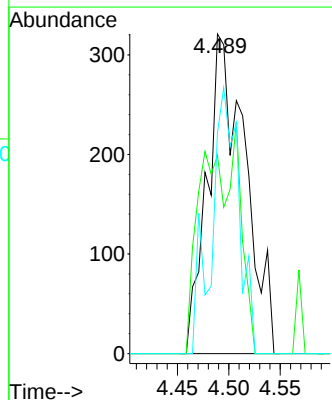
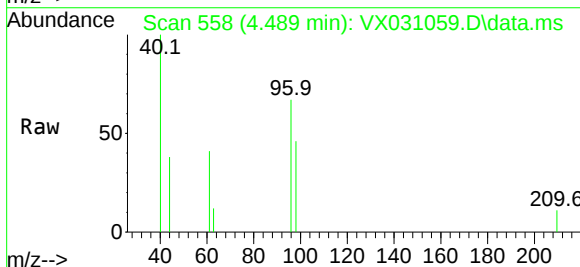
Tgt Ion: 96 Resp: 821

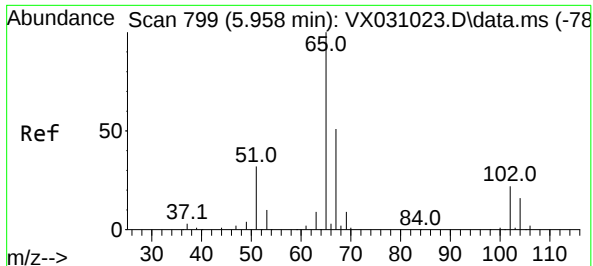
Ion Ratio Lower Upper

96 100

61 44.5 0.0 270.0

98 60.4 0.0 127.8

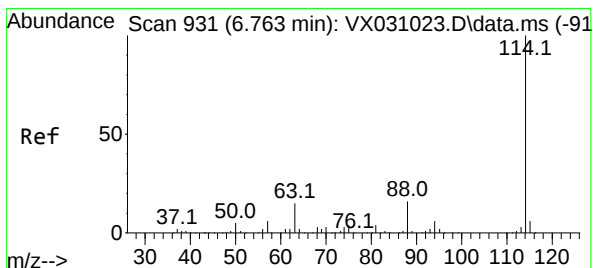
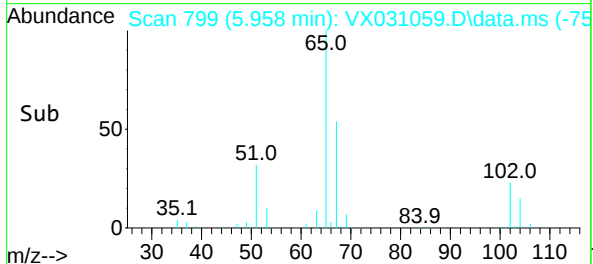
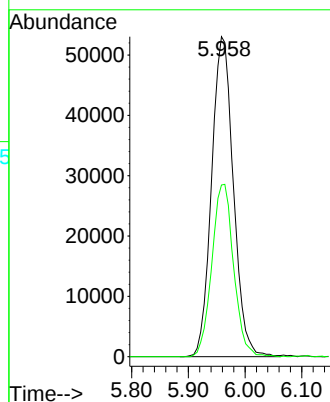
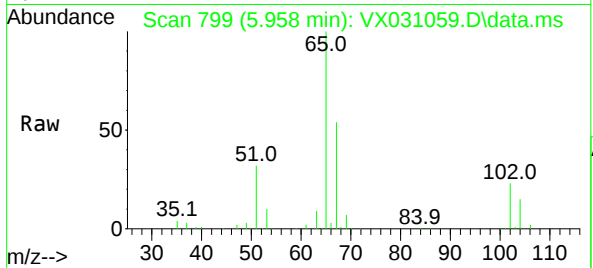




#33
 1,2-Dichloroethane-d4
 Concen: 48.051 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX031059.D
 Acq: 02 Sep 2022 12:08

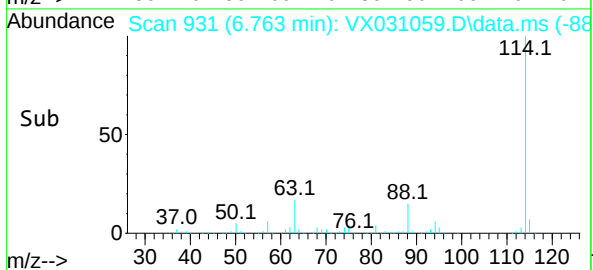
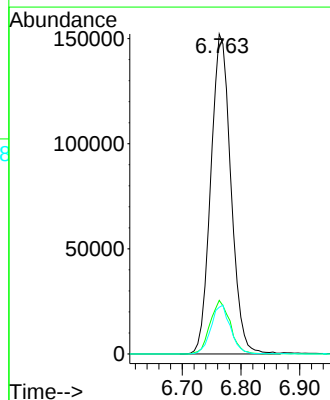
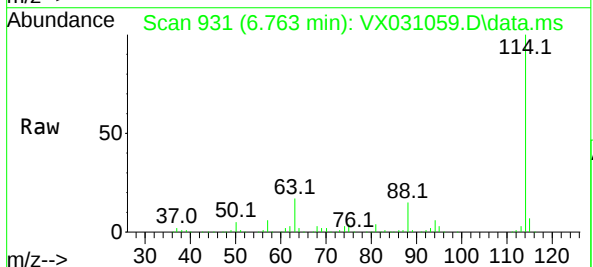
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL02

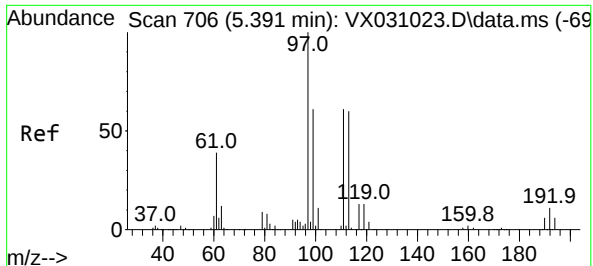
Tgt Ion: 65 Resp: 141594
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.006 min
 Lab File: VX031059.D
 Acq: 02 Sep 2022 12:08

Tgt Ion: 114 Resp: 361965
 Ion Ratio Lower Upper
 114 100
 63 16.8 0.0 38.4
 88 14.6 0.0 31.8





#35

Dibromofluoromethane

Concen: 51.473 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX031059.D

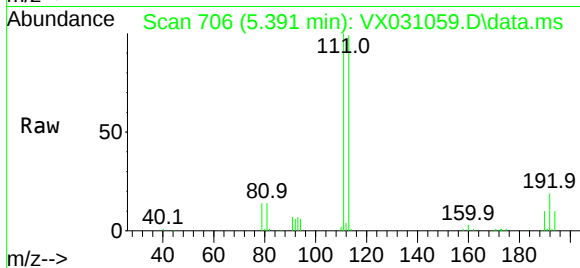
Acq: 02 Sep 2022 12:08

Instrument :

MSVOA_X

ClientSampleId :

MDL02



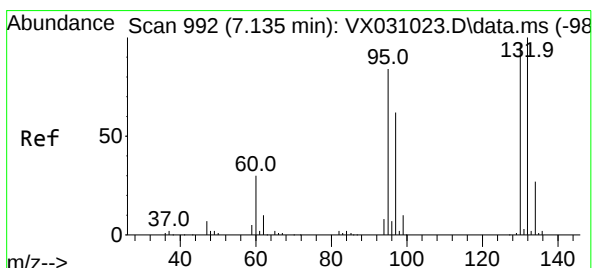
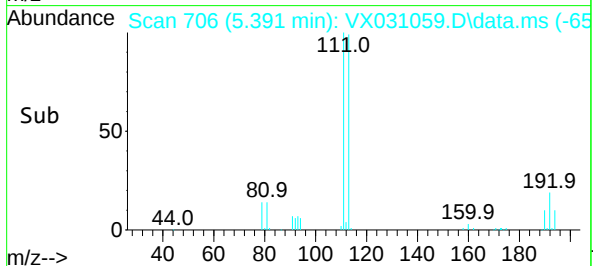
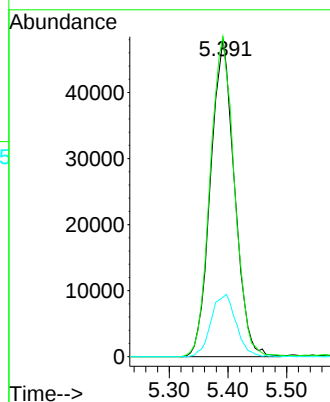
Tgt Ion:113 Resp: 135965

Ion Ratio Lower Upper

113 100

111 102.5 83.2 124.8

192 20.5 14.8 22.2



#44

Trichloroethene

Concen: 47.232 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX031059.D

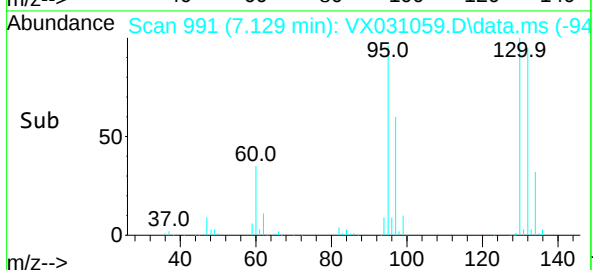
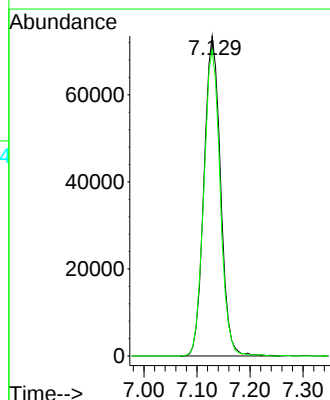
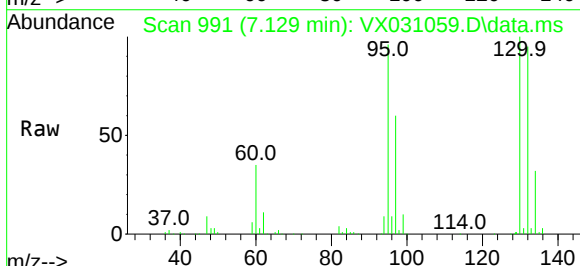
Acq: 02 Sep 2022 12:08

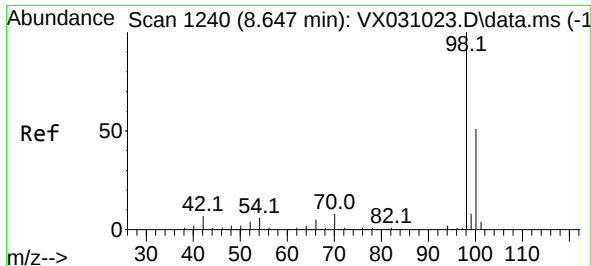
Tgt Ion:130 Resp: 158808

Ion Ratio Lower Upper

130 100

95 95.6 0.0 194.8

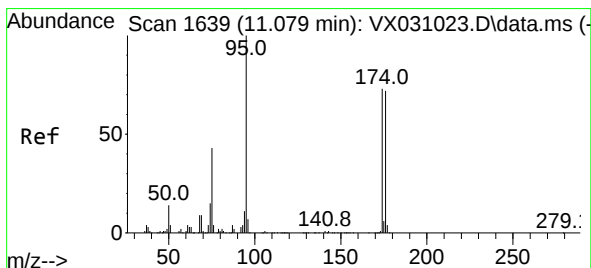
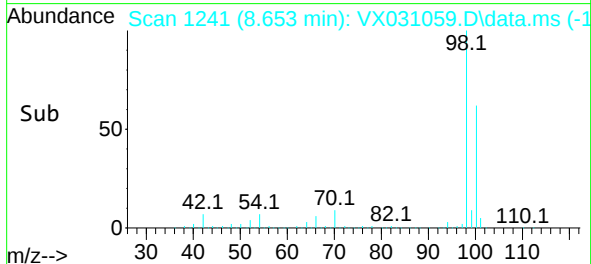
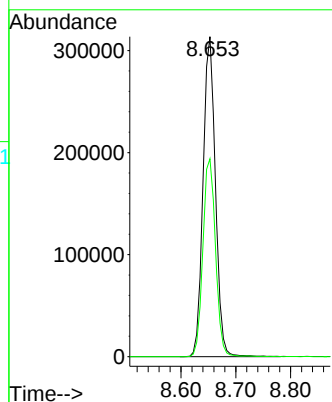
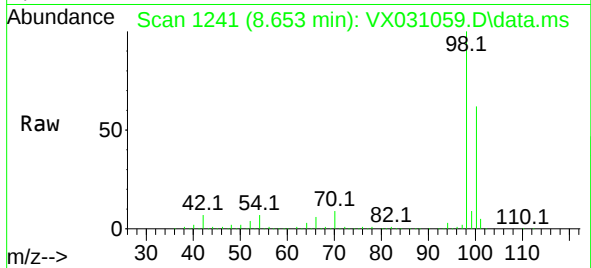




#50
Toluene-d8
Concen: 50.513 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031059.D
Acq: 02 Sep 2022 12:08

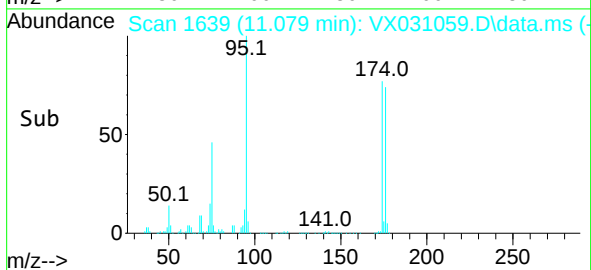
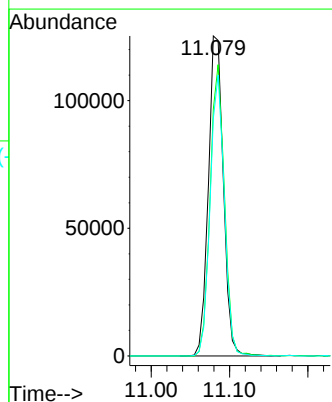
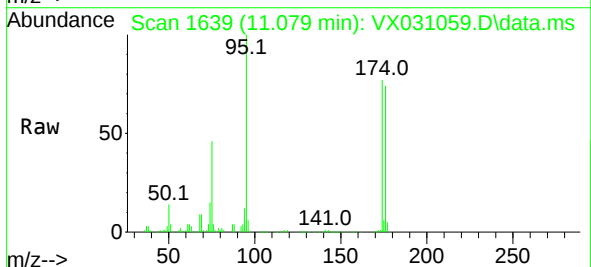
Instrument :
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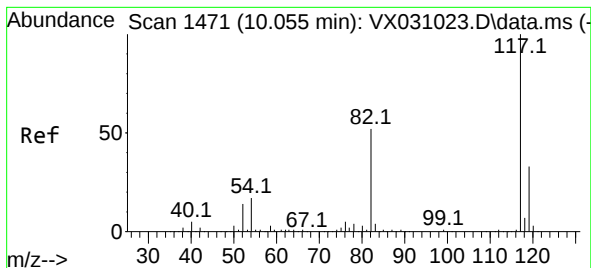
Tgt Ion: 98 Resp: 491074
Ion Ratio Lower Upper
98 100
100 63.4 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 48.441 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX031059.D
Acq: 02 Sep 2022 12:08

Tgt Ion: 95 Resp: 166331
Ion Ratio Lower Upper
95 100
174 87.0 0.0 149.0
176 83.4 0.0 146.0

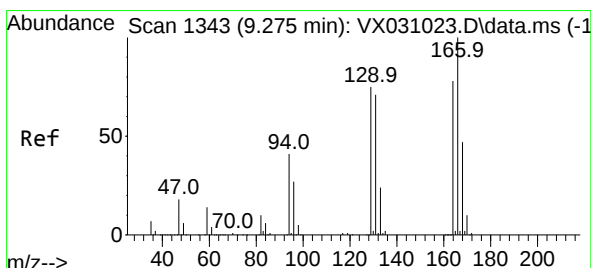
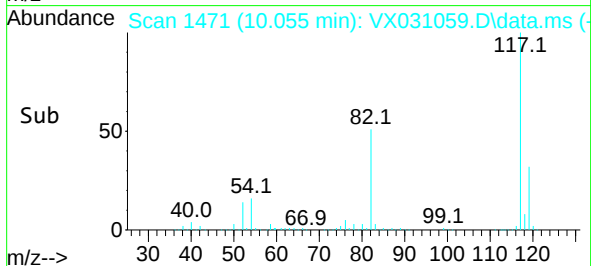
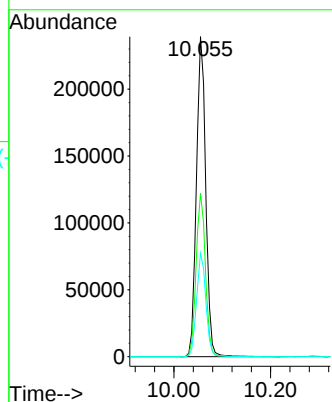
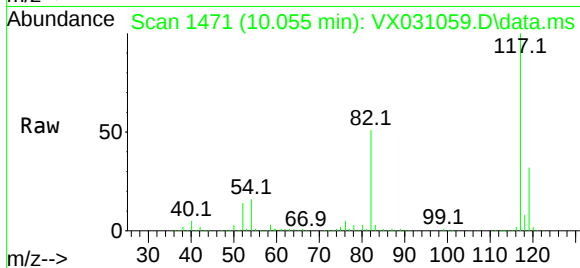




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031059.D
Acq: 02 Sep 2022 12:08

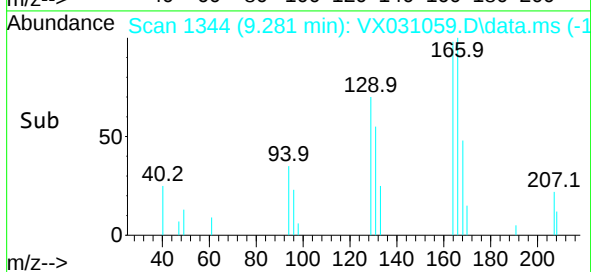
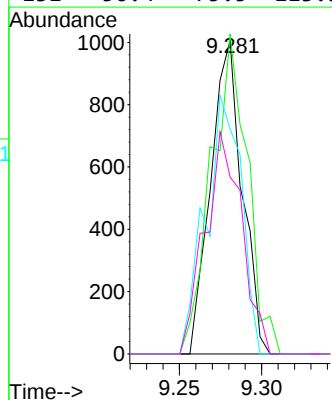
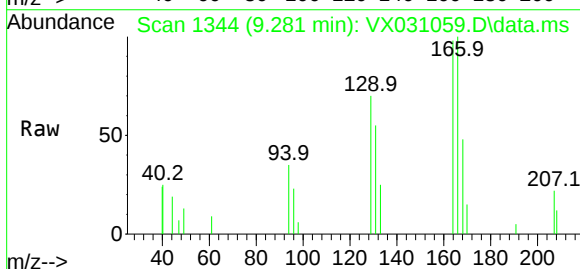
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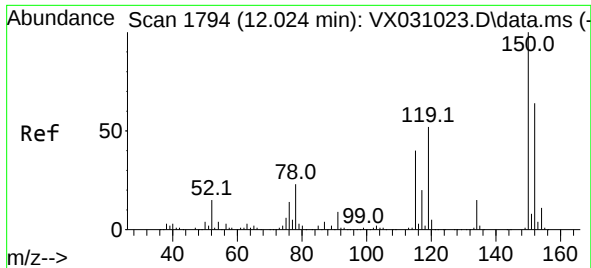
Tgt Ion:117 Resp: 318680
Ion Ratio Lower Upper
117 100
82 51.0 42.7 64.1
119 32.3 25.4 38.2



#64
Tetrachloroethene
Concen: 0.421 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX031059.D
Acq: 02 Sep 2022 12:08

Tgt Ion:164 Resp: 1338
Ion Ratio Lower Upper
164 100
166 102.0 98.2 147.4
129 71.7 80.8 121.2#
131 56.4 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: VX031059.D

Acq: 02 Sep 2022 12:08

Instrument :

MSVOA_X

ClientSampleId :

MDL02

Tgt Ion:152 Resp: 143652

Ion Ratio Lower Upper

152 100

115 55.8 40.5 121.5

150 155.2 0.0 347.0

