

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090222\
 Data File : VX031067.D
 Acq On : 02 Sep 2022 15:15
 Operator : JC/MD
 Sample : N4298-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT162S1-20220822

Quant Time: Sep 03 00:50:04 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)

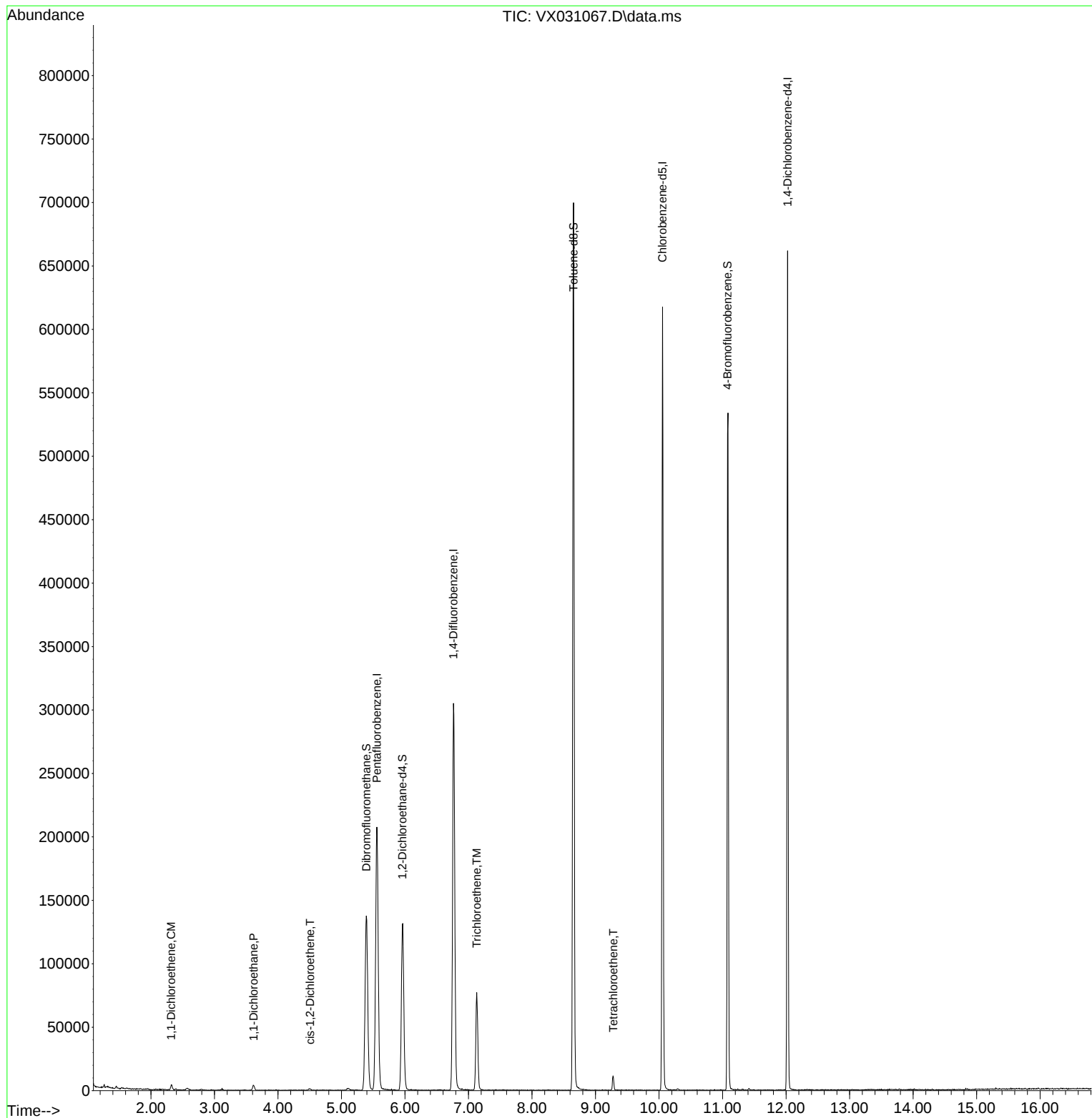
Internal Standards						
1) Pentafluorobenzene	5.556	168	214514	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	341007	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	302306	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	135355	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	127496	46.192	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.380%
35) Dibromofluoromethane	5.391	113	126300	50.752	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.500%
50) Toluene-d8	8.653	98	448501	48.970	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.940%
62) 4-Bromofluorobenzene	11.079	95	152307	47.083	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.160%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.319	96	1217	0.488	ug/l #	88
24) 1,1-Dichloroethane	3.617	63	4176	0.929	ug/l	96
27) cis-1,2-Dichloroethene	4.507	96	723	0.233	ug/l	71
44) Trichloroethene	7.129	130	32423	10.236	ug/l	91
64) Tetrachloroethene	9.281	164	2434	0.806	ug/l	95

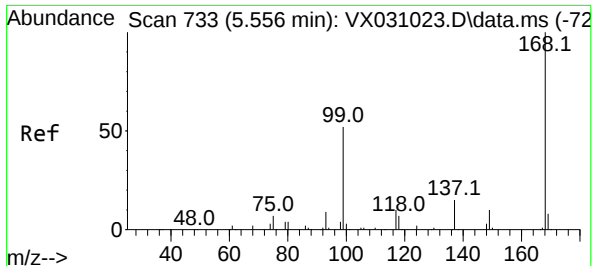
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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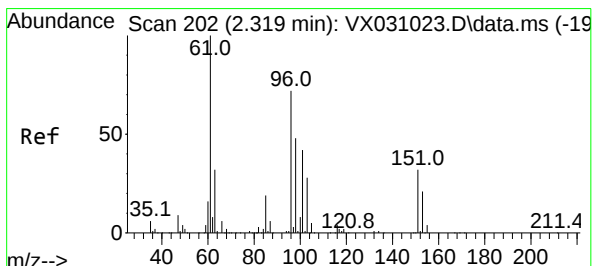
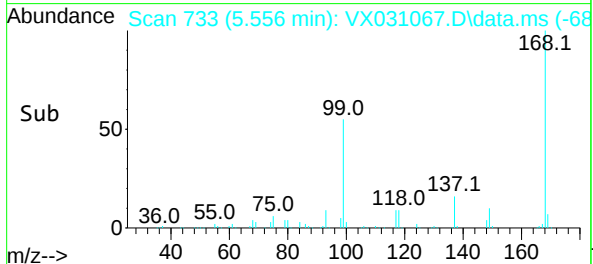
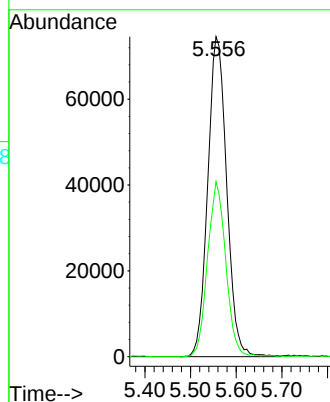
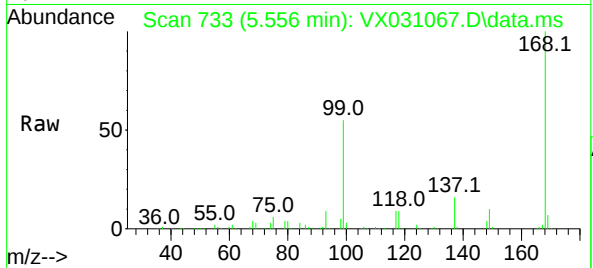




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031067.D
Acq: 02 Sep 2022 15:15

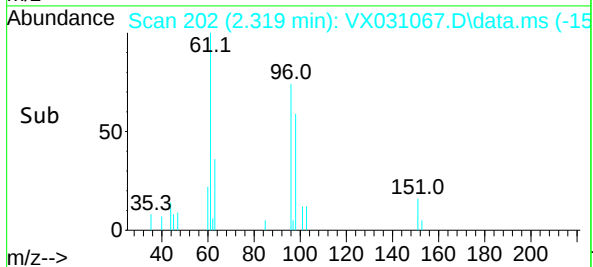
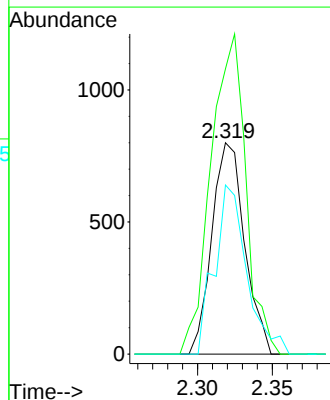
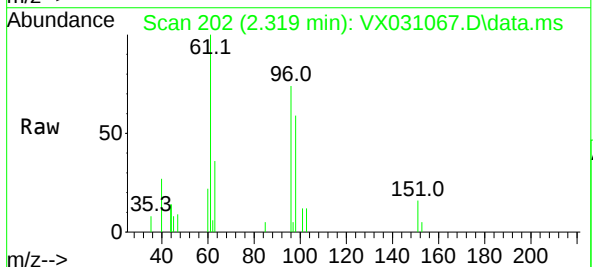
Instrument :
MSVOA_X
ClientSampleId :
TT162S1-20220822

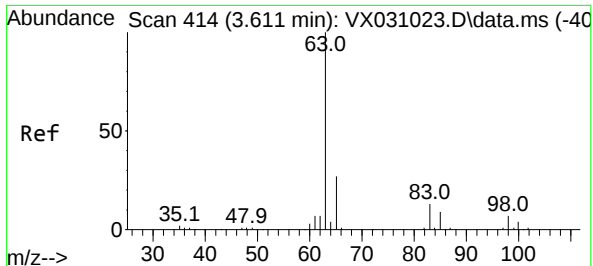
Tgt Ion:168 Resp: 214514
Ion Ratio Lower Upper
168 100
99 54.7 44.0 66.0



#12
1,1-Dichloroethene
Concen: 0.488 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX031067.D
Acq: 02 Sep 2022 15:15

Tgt Ion: 96 Resp: 1217
Ion Ratio Lower Upper
96 100
61 135.0 117.4 176.0
98 80.0 52.2 78.4#

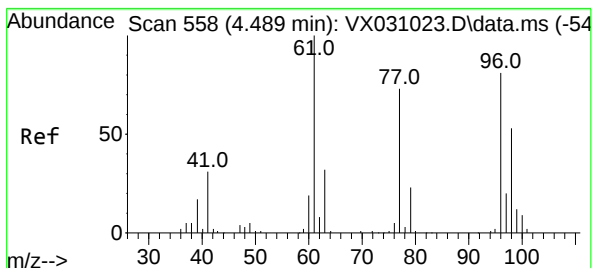
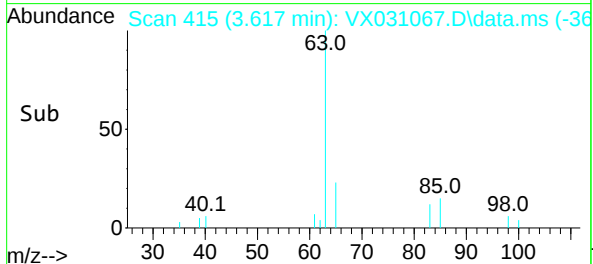
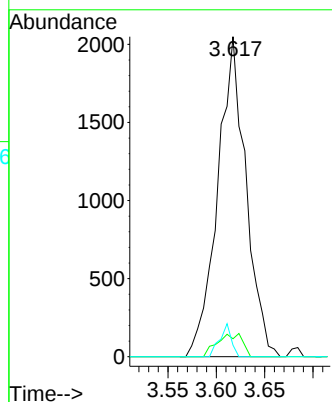
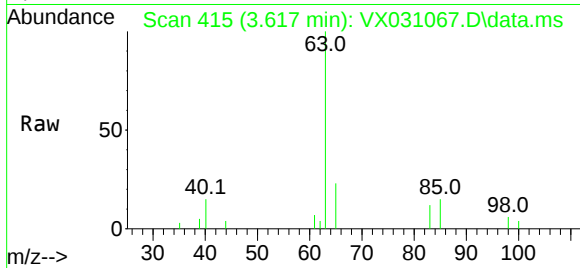




#24
1,1-Dichloroethane
Concen: 0.929 ug/l
RT: 3.617 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX031067.D
Acq: 02 Sep 2022 15:15

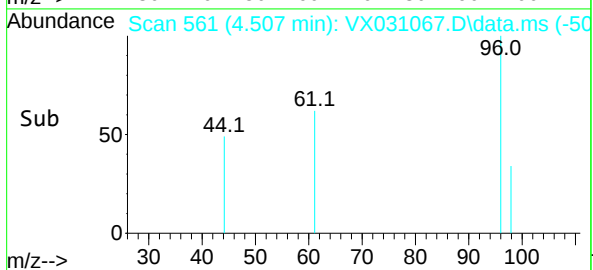
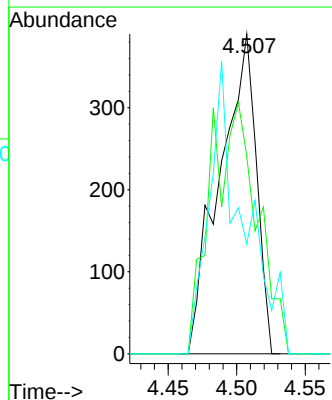
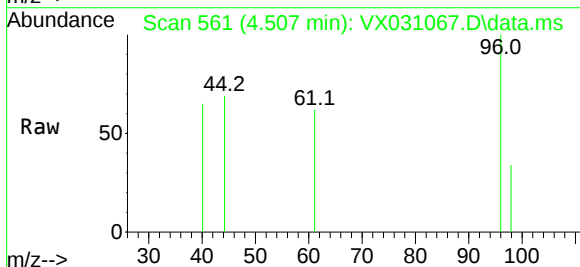
Instrument :
MSVOA_X
ClientSampleId :
TT162S1-20220822

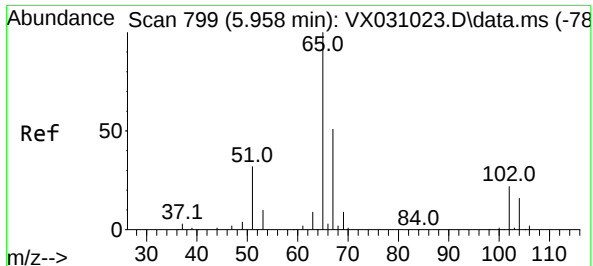
Tgt Ion: 63 Resp: 4176
Ion Ratio Lower Upper
63 100
98 5.6 3.5 10.5
100 3.6 2.3 6.9



#27
cis-1,2-Dichloroethene
Concen: 0.233 ug/l
RT: 4.507 min Scan# 561
Delta R.T. 0.018 min
Lab File: VX031067.D
Acq: 02 Sep 2022 15:15

Tgt Ion: 96 Resp: 723
Ion Ratio Lower Upper
96 100
61 100.7 0.0 270.0
98 86.3 0.0 127.8





#33

1,2-Dichloroethane-d4

Concen: 46.192 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031067.D

Acq: 02 Sep 2022 15:15

Instrument :

MSVOA_X

ClientSampleId :

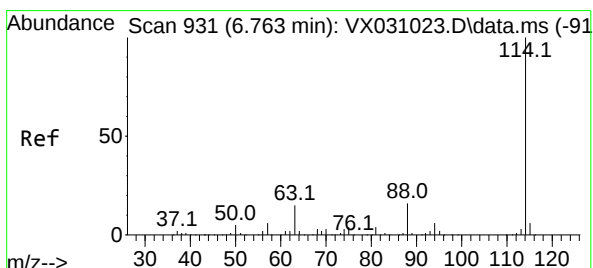
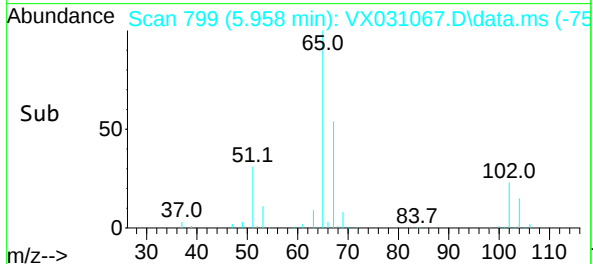
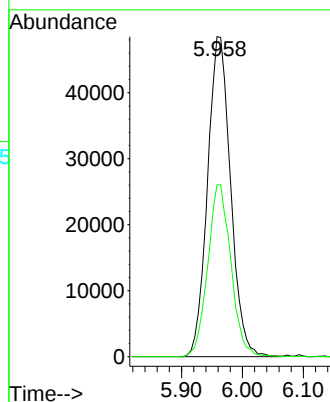
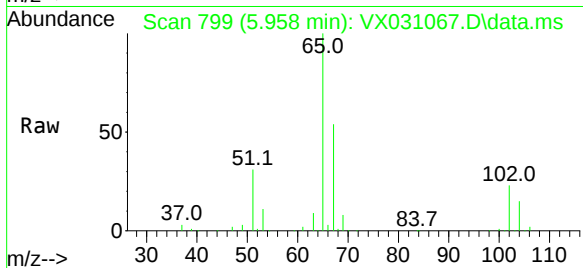
TT162S1-20220822

Tgt Ion: 65 Resp: 127496

Ion Ratio Lower Upper

65 100

67 53.9 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: VX031067.D

Acq: 02 Sep 2022 15:15

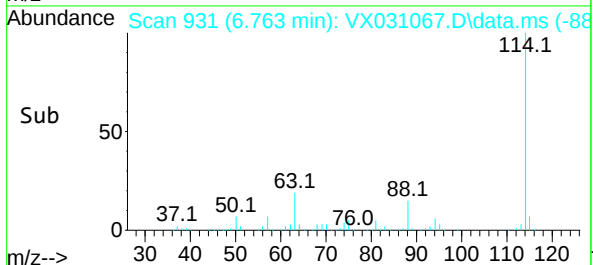
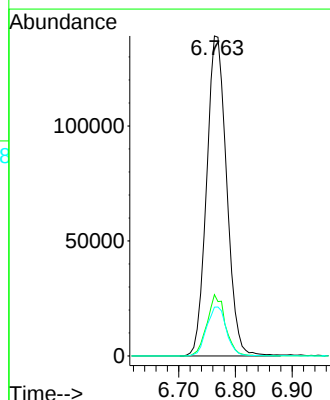
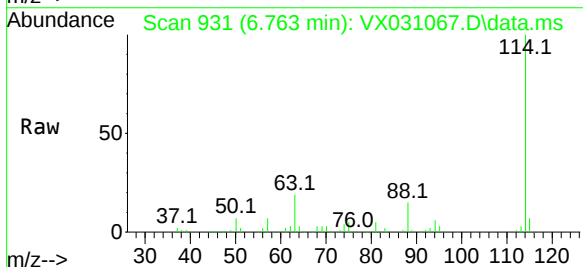
Tgt Ion: 114 Resp: 341007

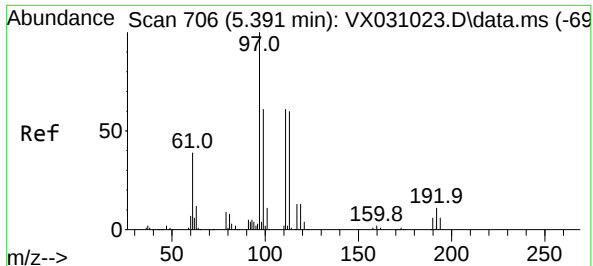
Ion Ratio Lower Upper

114 100

63 19.2 0.0 38.4

88 15.2 0.0 31.8

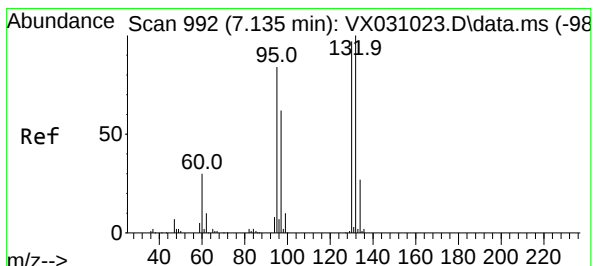
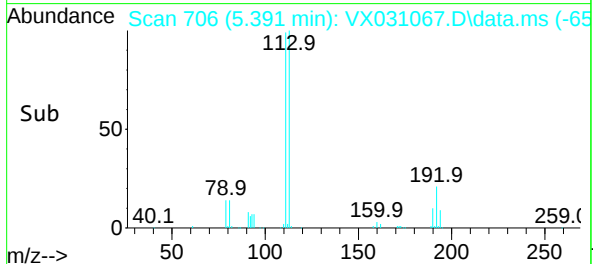
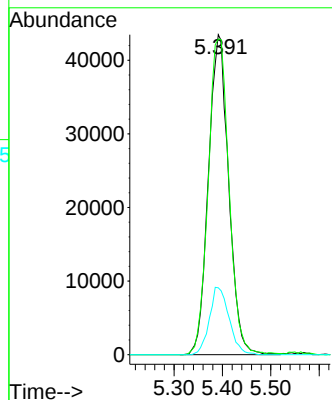
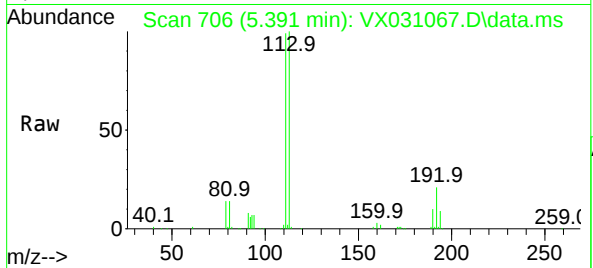




#35
Dibromofluoromethane
Concen: 50.752 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX031067.D
Acq: 02 Sep 2022 15:15

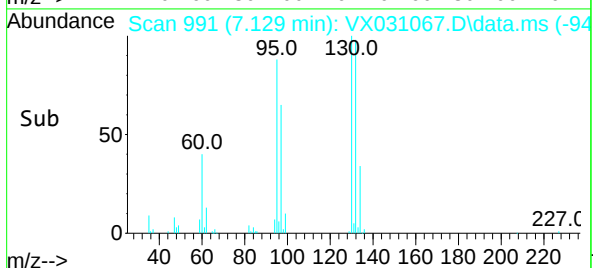
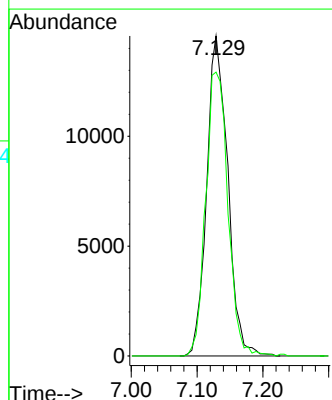
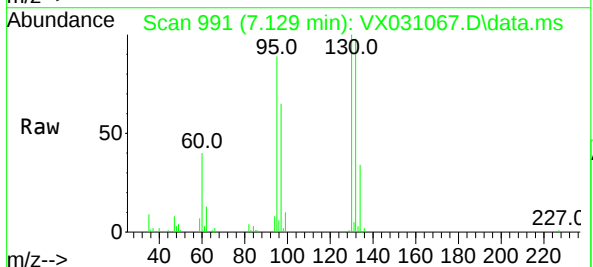
Instrument :
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ClientSampleId :
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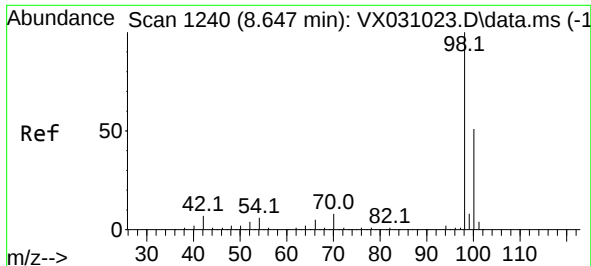
Tgt Ion:113 Resp: 126300
Ion Ratio Lower Upper
113 100
111 101.8 83.2 124.8
192 20.5 14.8 22.2



#44
Trichloroethene
Concen: 10.236 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX031067.D
Acq: 02 Sep 2022 15:15

Tgt Ion:130 Resp: 32423
Ion Ratio Lower Upper
130 100
95 88.7 0.0 194.8





#50

Toluene-d8

Concen: 48.970 ug/l

RT: 8.653 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX031067.D

Acq: 02 Sep 2022 15:15

Instrument :

MSVOA_X

ClientSampleId :

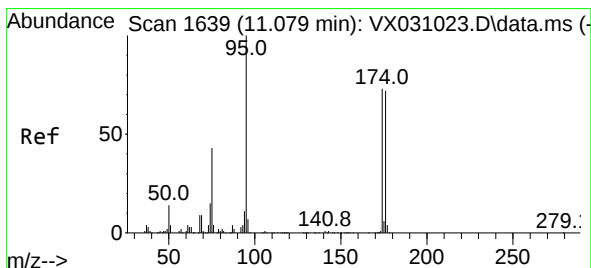
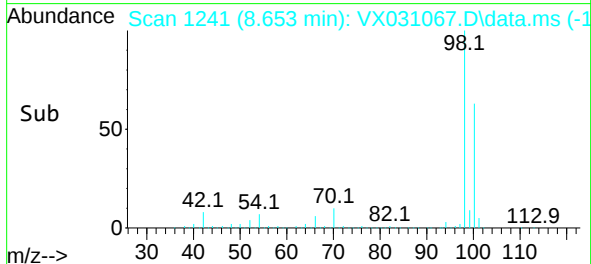
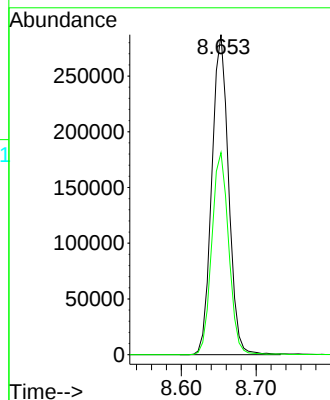
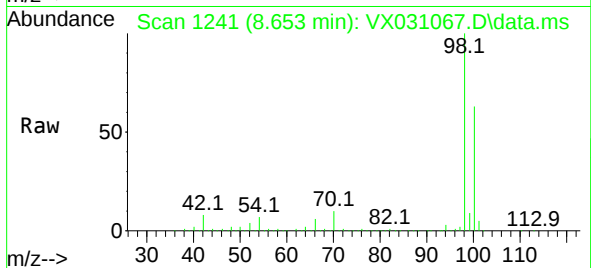
TT162S1-20220822

Tgt Ion: 98 Resp: 448501

Ion Ratio Lower Upper

98 100

100 63.7 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 47.083 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX031067.D

Acq: 02 Sep 2022 15:15

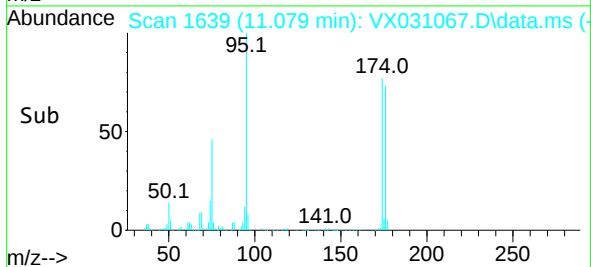
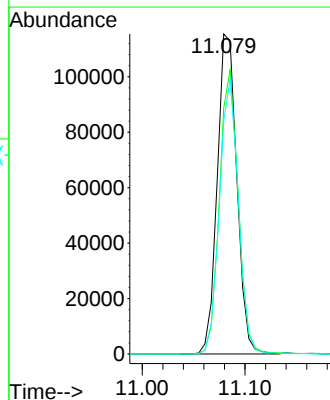
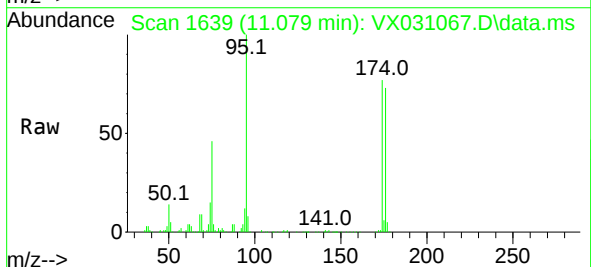
Tgt Ion: 95 Resp: 152307

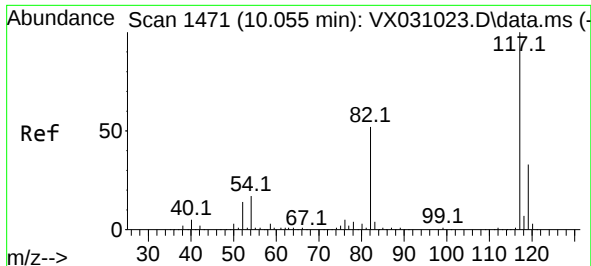
Ion Ratio Lower Upper

95 100

174 85.4 0.0 149.0

176 82.9 0.0 146.0

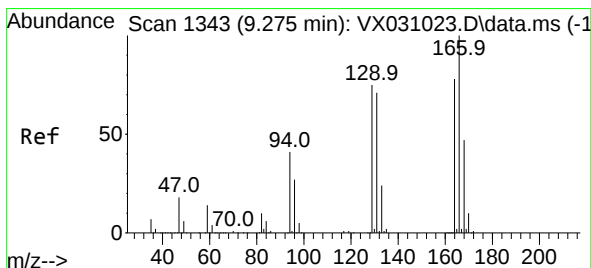
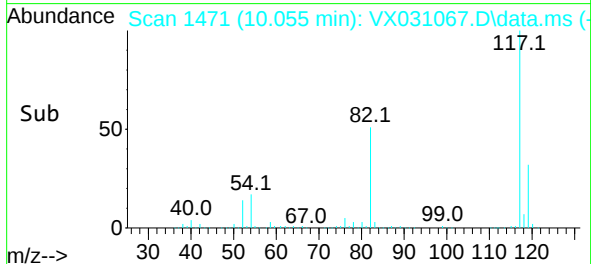
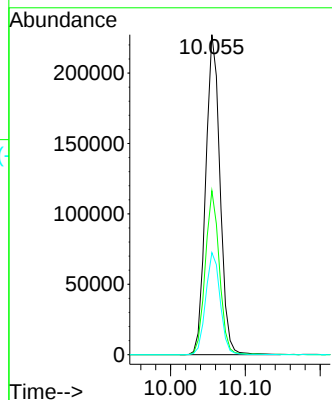
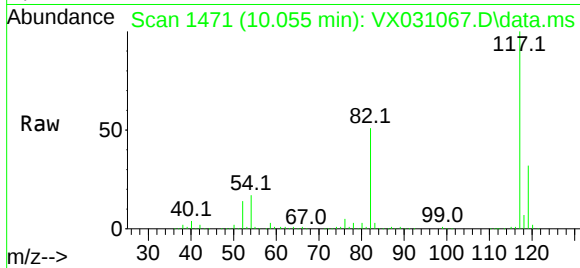




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031067.D
Acq: 02 Sep 2022 15:15

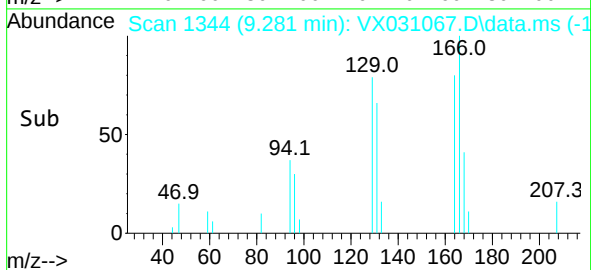
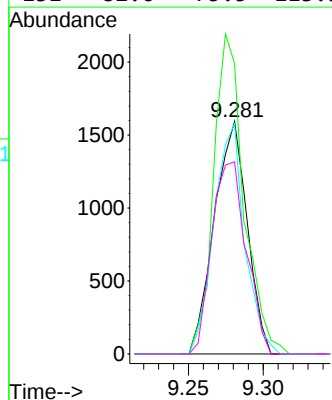
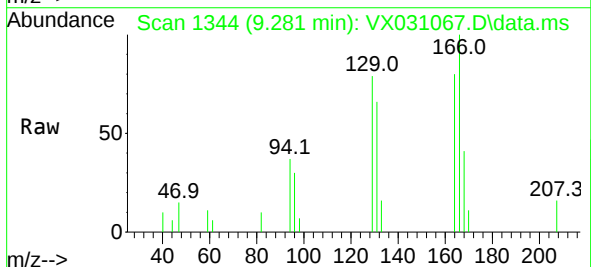
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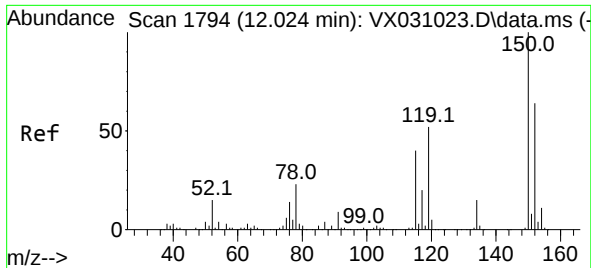
Tgt Ion:117 Resp: 302306
Ion Ratio Lower Upper
117 100
82 51.3 42.7 64.1
119 31.9 25.4 38.2



#64
Tetrachloroethene
Concen: 0.806 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX031067.D
Acq: 02 Sep 2022 15:15

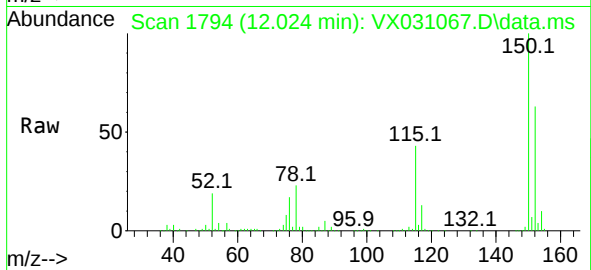
Tgt Ion:164 Resp: 2434
Ion Ratio Lower Upper
164 100
166 124.8 98.2 147.4
129 99.0 80.8 121.2
131 82.6 75.5 113.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX031067.D
 Acq: 02 Sep 2022 15:15

Instrument :
 MSVOA_X
 ClientSampleId :
 TT162S1-20220822



Tgt Ion:152 Resp: 135355
 Ion Ratio Lower Upper
 152 100
 115 61.3 40.5 121.5
 150 158.8 0.0 347.0

