

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121522\
 Data File : VX033441.D
 Acq On : 15 Dec 2022 14:50
 Operator : JC/MD
 Sample : N6070-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GW-BR-04-226-245-121422

Quant Time: Dec 16 01:02:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 07 12:43:54 2022
 Response via : Initial Calibration

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

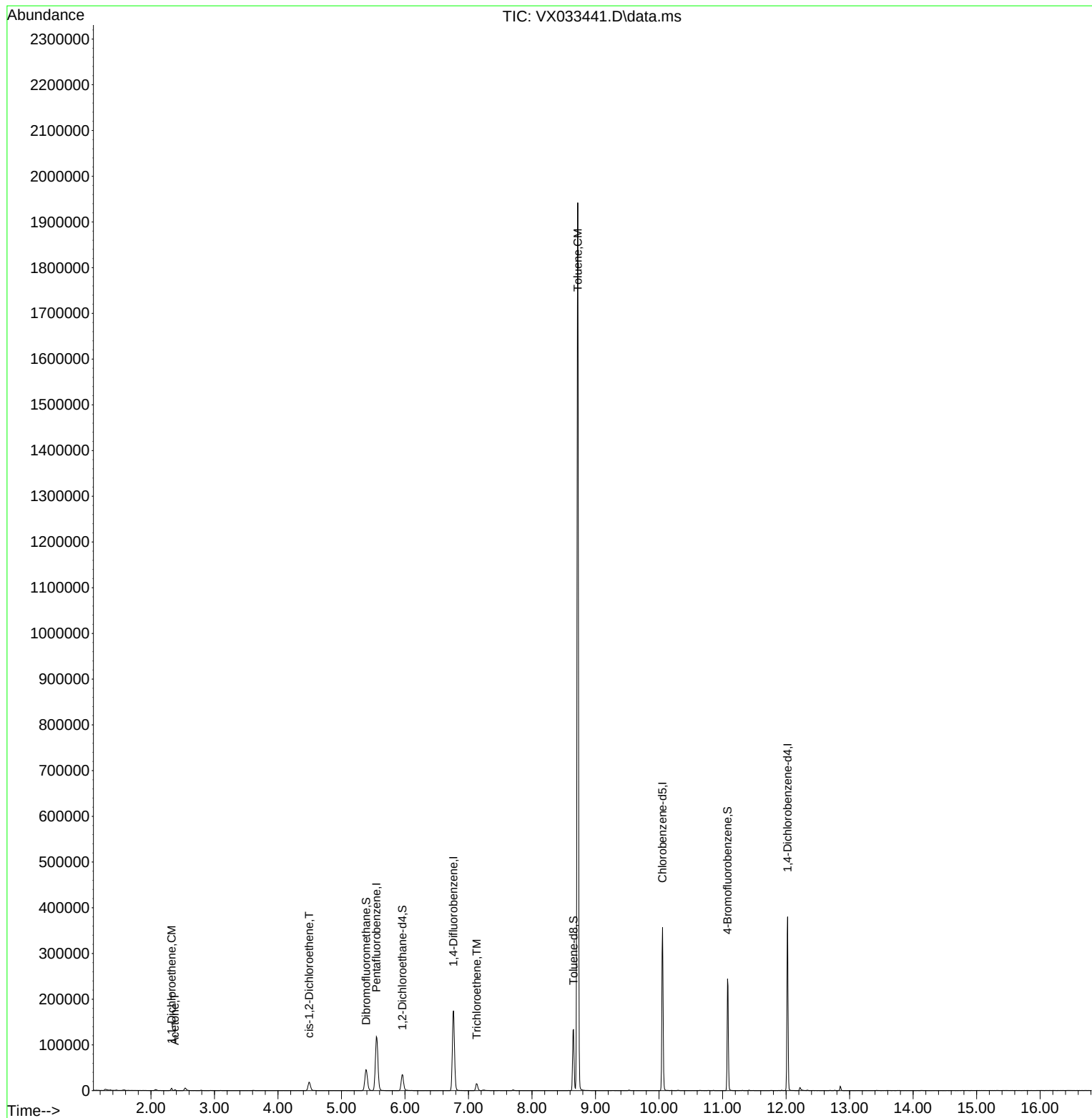
Internal Standards						
1) Pentafluorobenzene	5.550	168	115233	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	182643	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	164061	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	77379	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	36088	48.816	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.640%
35) Dibromofluoromethane	5.385	113	40491	49.290	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.580%
50) Toluene-d8	8.653	98	81865	47.637	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.280%
62) 4-Bromofluorobenzene	11.079	95	63928	48.651	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.300%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.325	96	1845	1.766	ug/l	83
16) Acetone	2.373	43	2007	3.669	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	12282	8.993	ug/l	87
44) Trichloroethene	7.129	130	6252	4.856	ug/l	95
52) Toluene	8.720	92	739140	244.804	ug/l	99

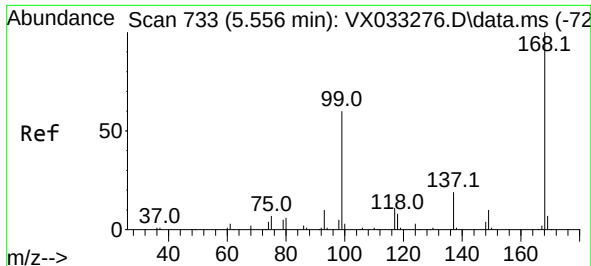
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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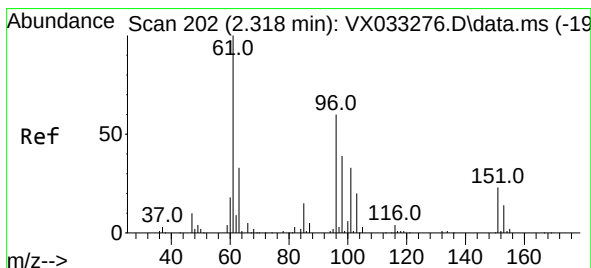
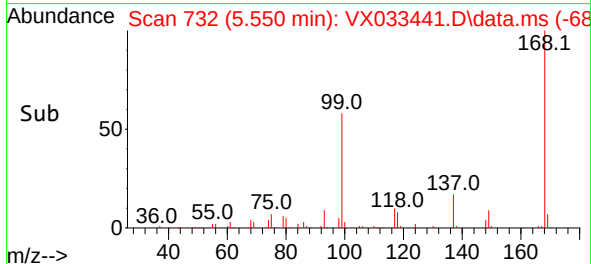
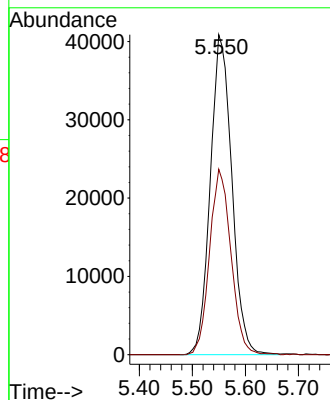
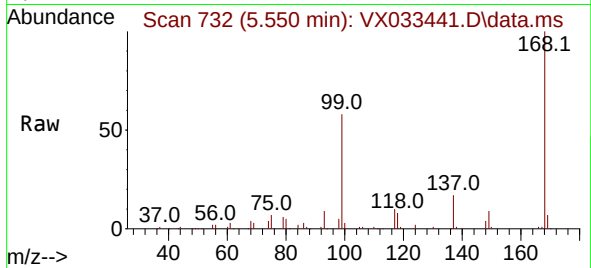




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX033441.D
Acq: 15 Dec 2022 14:50

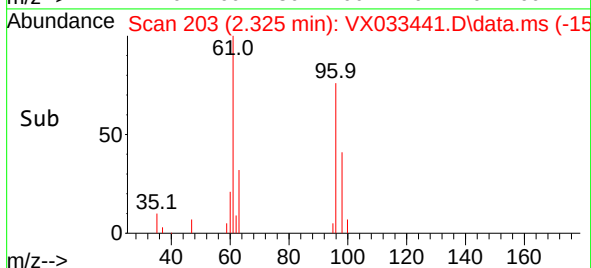
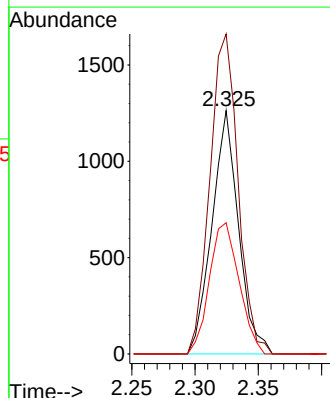
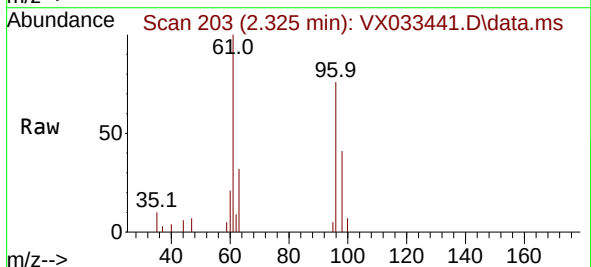
Instrument :
MSVOA_X
ClientSampleId :
GW-BR-04-226-245-121422

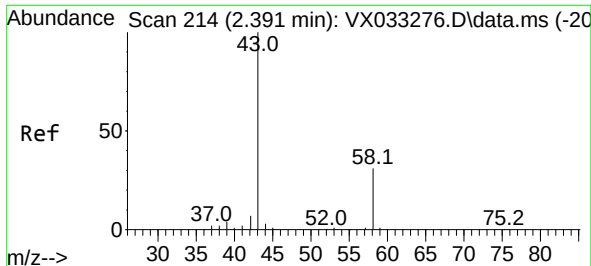
Tgt Ion:168 Resp: 115233
Ion Ratio Lower Upper
168 100
99 58.0 46.1 69.1



#12
1,1-Dichloroethene
Concen: 1.766 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX033441.D
Acq: 15 Dec 2022 14:50

Tgt Ion: 96 Resp: 1845
Ion Ratio Lower Upper
96 100
61 131.5 125.1 187.7
98 53.9 50.6 76.0

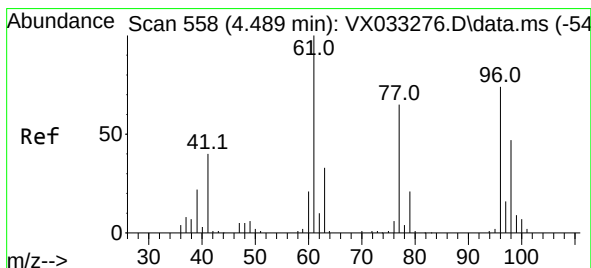
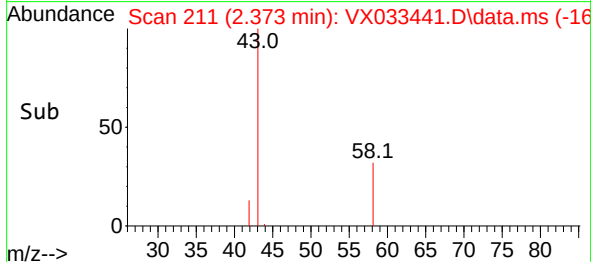
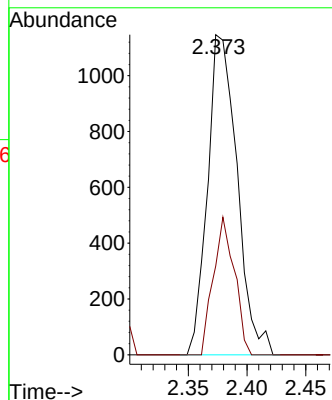
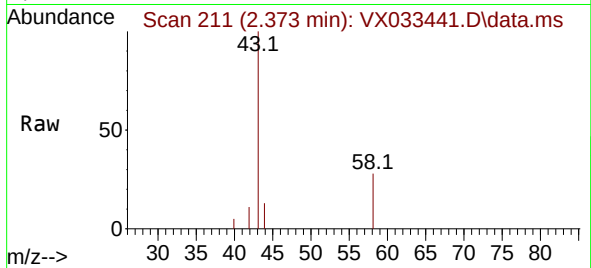




#16
Acetone
Concen: 3.669 ug/l
RT: 2.373 min Scan# 214
Delta R.T. -0.018 min
Lab File: VX033441.D
Acq: 15 Dec 2022 14:50

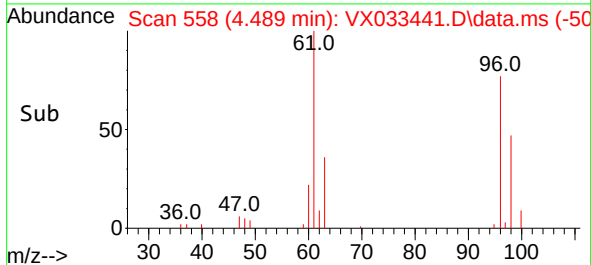
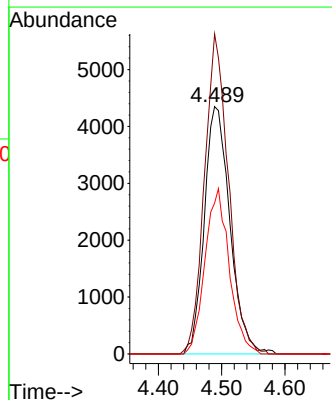
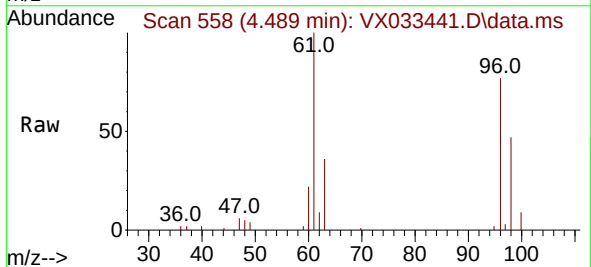
Instrument :
MSVOA_X
ClientSampleId :
GW-BR-04-226-245-121422

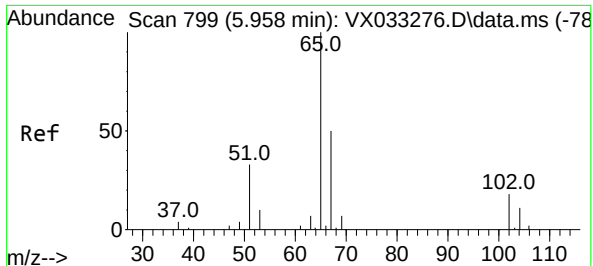
Tgt Ion: 43 Resp: 2007
Ion Ratio Lower Upper
43 100
58 27.7 23.8 35.8



#27
cis-1,2-Dichloroethene
Concen: 8.993 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX033441.D
Acq: 15 Dec 2022 14:50

Tgt Ion: 96 Resp: 12282
Ion Ratio Lower Upper
96 100
61 120.8 0.0 286.0
98 63.1 0.0 129.6





#33

1,2-Dichloroethane-d4

Concen: 48.816 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033441.D

Acq: 15 Dec 2022 14:50

Instrument :

MSVOA_X

ClientSampleId :

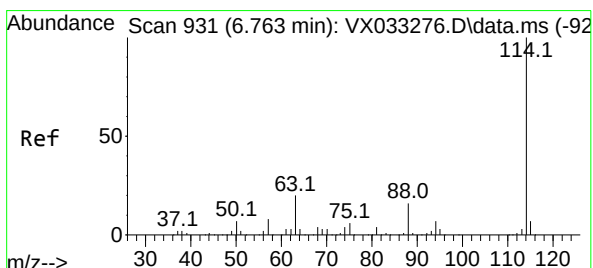
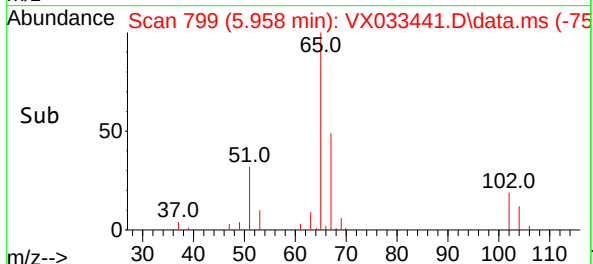
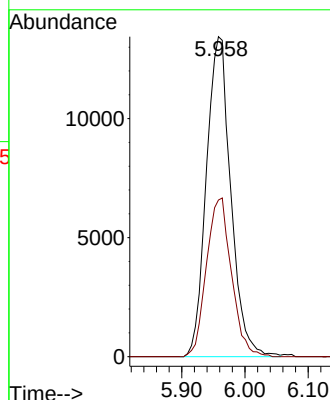
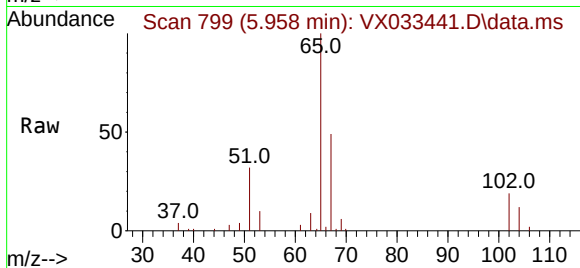
GW-BR-04-226-245-121422

Tgt Ion: 65 Resp: 36088

Ion Ratio Lower Upper

65 100

67 50.7 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX033441.D

Acq: 15 Dec 2022 14:50

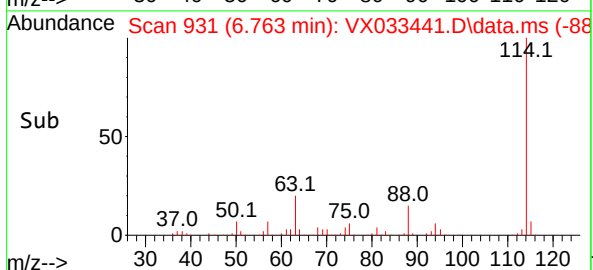
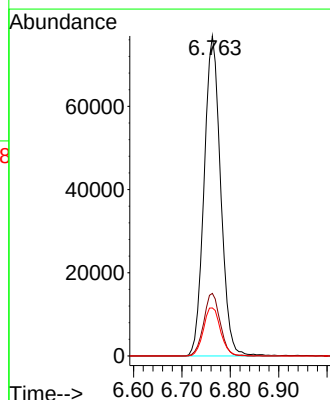
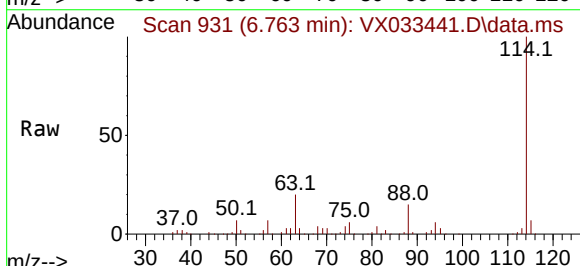
Tgt Ion: 114 Resp: 182643

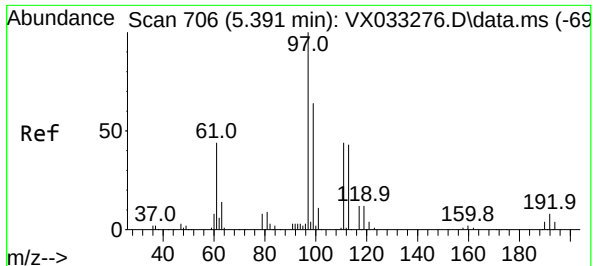
Ion Ratio Lower Upper

114 100

63 19.6 0.0 41.6

88 15.0 0.0 33.4

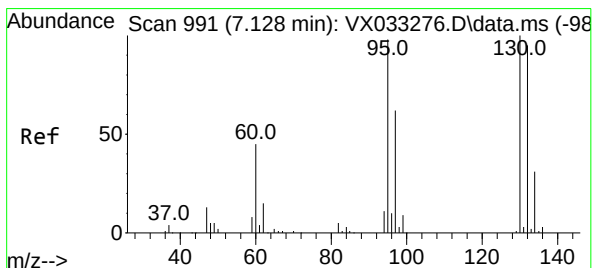
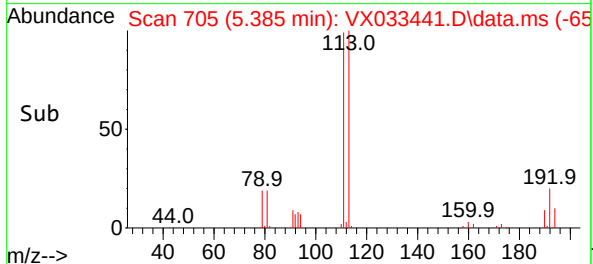
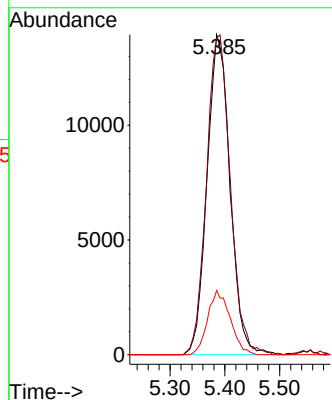
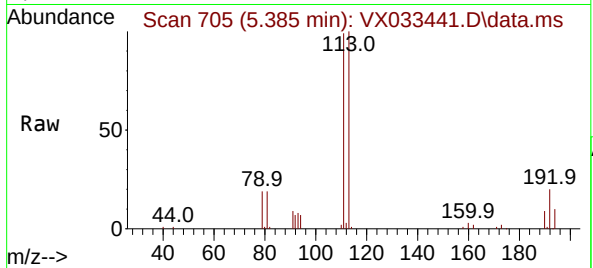




#35
Dibromofluoromethane
Concen: 49.290 ug/l
RT: 5.385 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX033441.D
Acq: 15 Dec 2022 14:50

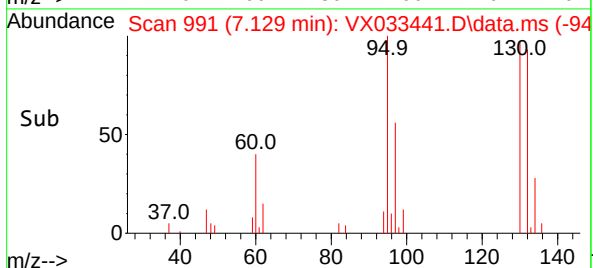
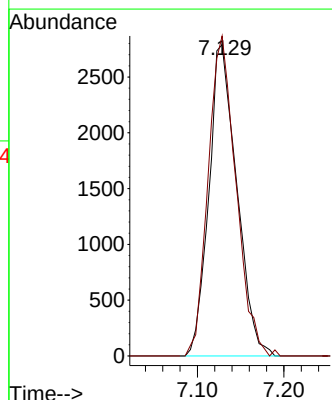
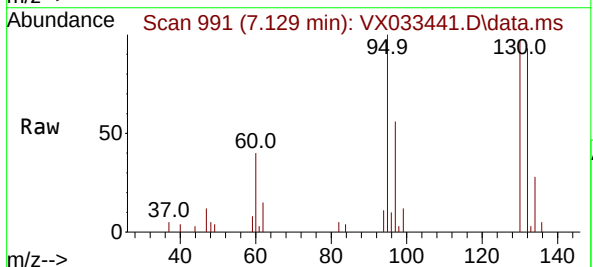
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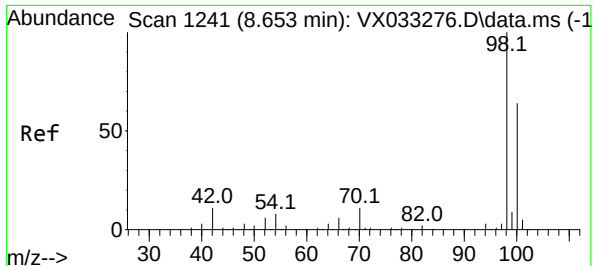
Tgt Ion:113 Resp: 40491
Ion Ratio Lower Upper
113 100
111 103.7 82.4 123.6
192 19.7 15.4 23.2



#44
Trichloroethene
Concen: 4.856 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX033441.D
Acq: 15 Dec 2022 14:50

Tgt Ion:130 Resp: 6252
Ion Ratio Lower Upper
130 100
95 102.8 0.0 195.2

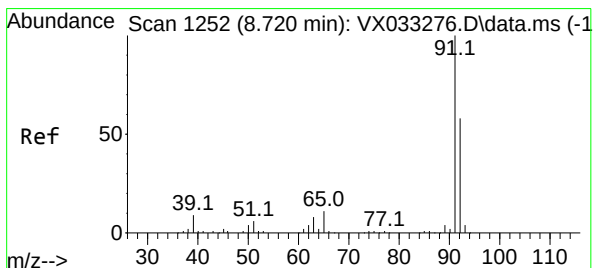
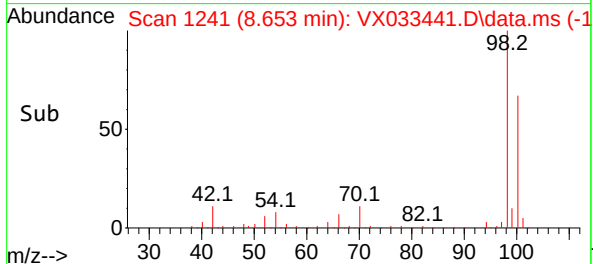
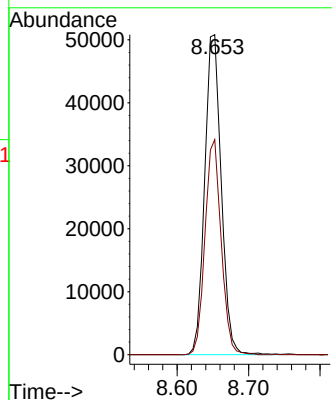
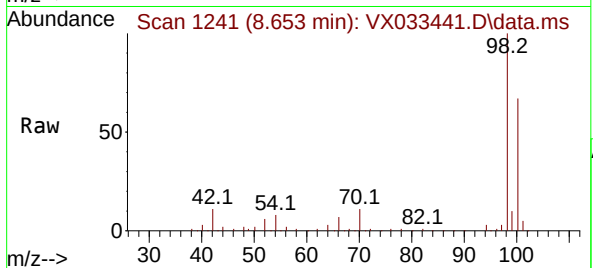




#50
Toluene-d8
Concen: 47.637 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX033441.D
Acq: 15 Dec 2022 14:50

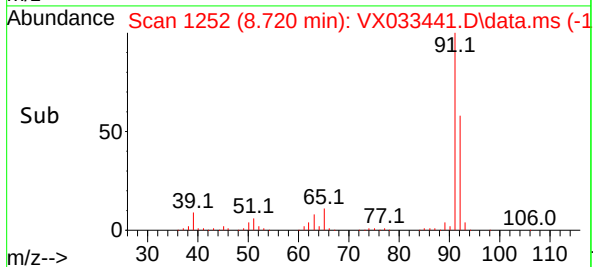
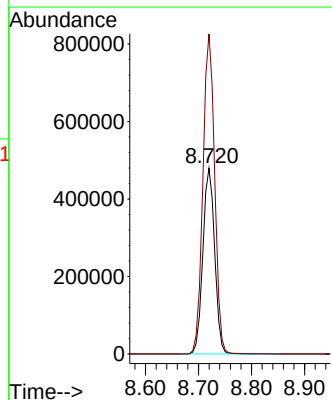
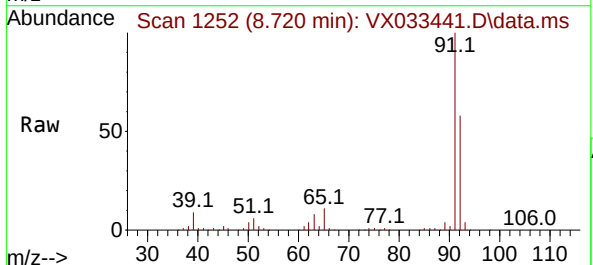
Instrument :
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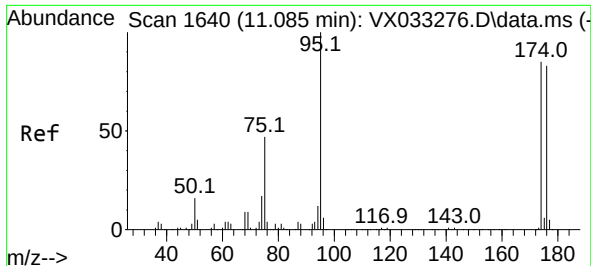
Tgt Ion: 98 Resp: 81865
Ion Ratio Lower Upper
98 100
100 65.5 50.9 76.3



#52
Toluene
Concen: 244.804 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX033441.D
Acq: 15 Dec 2022 14:50

Tgt Ion: 92 Resp: 739140
Ion Ratio Lower Upper
92 100
91 171.8 138.3 207.5





#62

4-Bromofluorobenzene

Concen: 48.651 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX033441.D

Acq: 15 Dec 2022 14:50

Instrument :

MSVOA_X

ClientSampleId :

GW-BR-04-226-245-121422

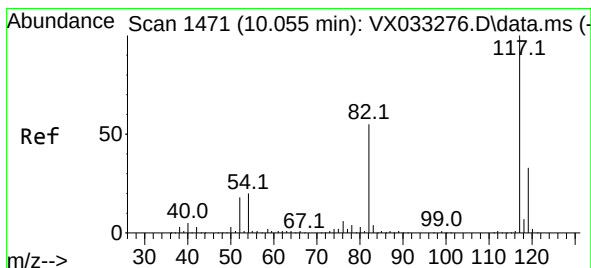
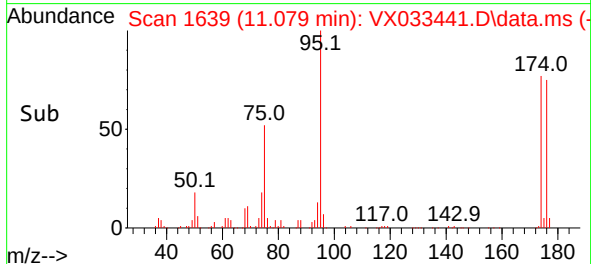
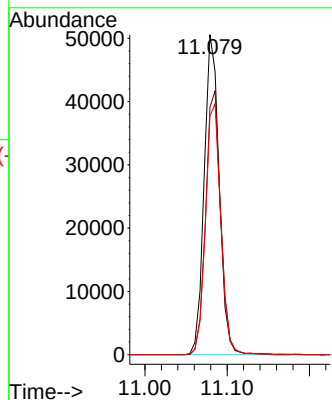
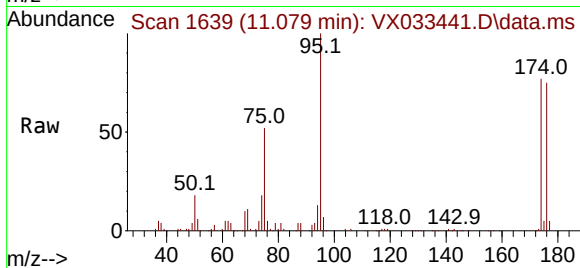
Tgt Ion: 95 Resp: 63928

Ion Ratio Lower Upper

95 100

174 83.2 0.0 164.0

176 79.9 0.0 154.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX033441.D

Acq: 15 Dec 2022 14:50

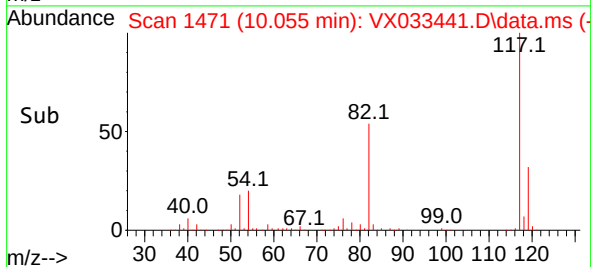
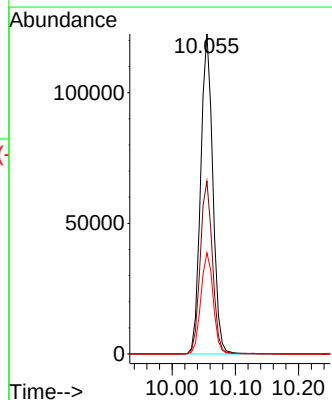
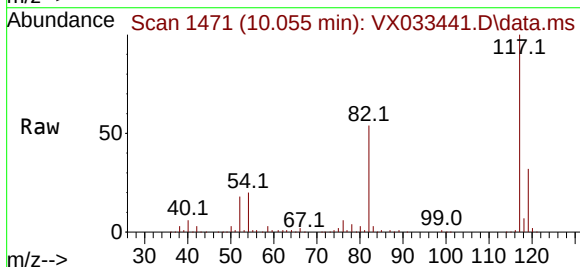
Tgt Ion: 117 Resp: 164061

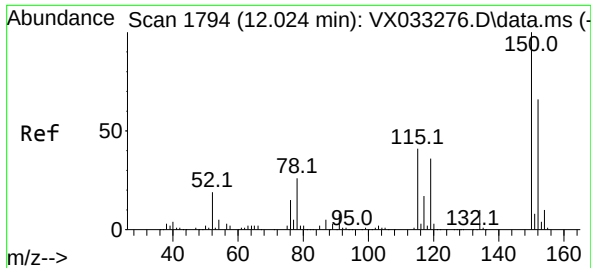
Ion Ratio Lower Upper

117 100

82 54.0 44.3 66.5

119 31.6 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX033441.D

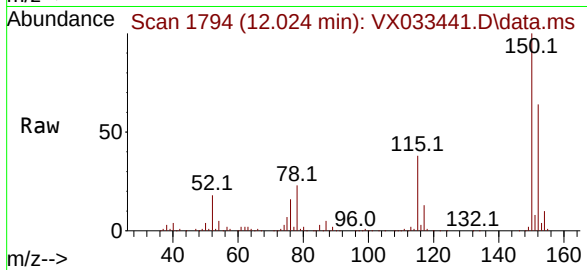
Acq: 15 Dec 2022 14:50

Instrument :

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ClientSampleId :

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Tgt Ion:152 Resp: 77379

Ion Ratio Lower Upper

152 100

115 60.2 44.0 132.0

150 157.0 0.0 351.8

