

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120922\
 Data File : VX033353.D
 Acq On : 09 Dec 2022 17:22
 Operator : JC/MD
 Sample : N5966-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GW-BR-04-113-127-120822

Quant Time: Dec 10 05:57:17 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)

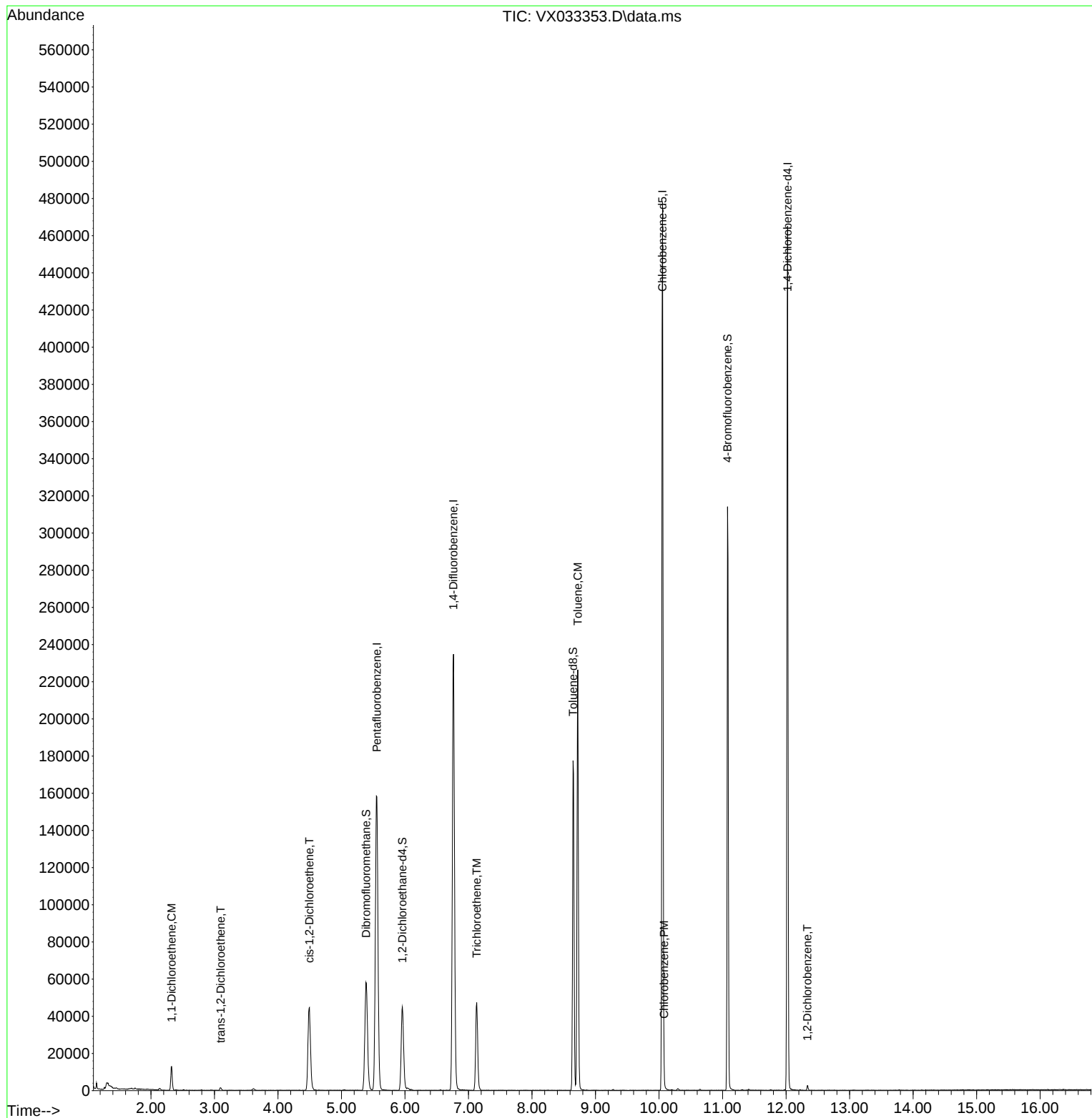
Internal Standards						
1) Pentafluorobenzene	5.556	168	155350	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	246019	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	214972	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96392	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	46798	46.956	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.920%		
35) Dibromofluoromethane	5.385	113	51890	46.894	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.780%		
50) Toluene-d8	8.647	98	110357	47.674	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.340%		
62) 4-Bromofluorobenzene	11.079	95	82981	46.883	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.760%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.325	96	4453	3.162	ug/l	91
21) trans-1,2-Dichloroethene	3.099	96	671	0.436	ug/l	81
27) cis-1,2-Dichloroethene	4.495	96	30066	16.329	ug/l	88
44) Trichloroethene	7.129	130	19234	11.090	ug/l	98
52) Toluene	8.720	92	85580	21.043	ug/l	100
65) Chlorobenzene	10.079	112	1070	0.246	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	969	0.303	ug/l	97

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

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GW-BR-04-113-127-120822

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Quant Title : SW846 8260
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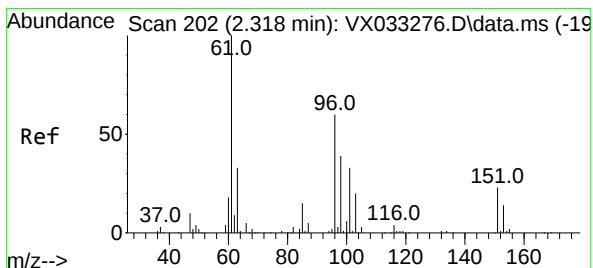
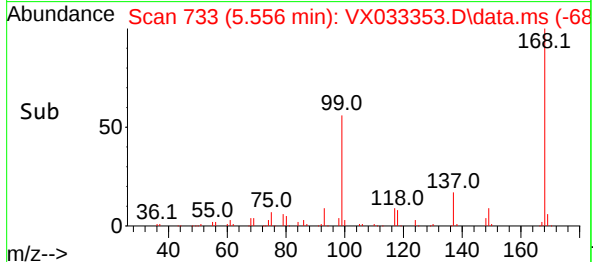
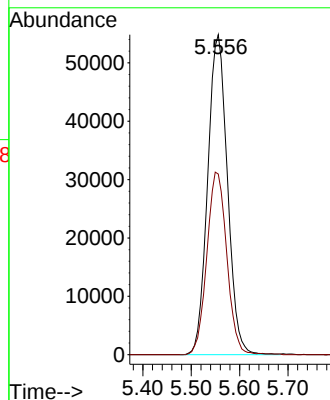
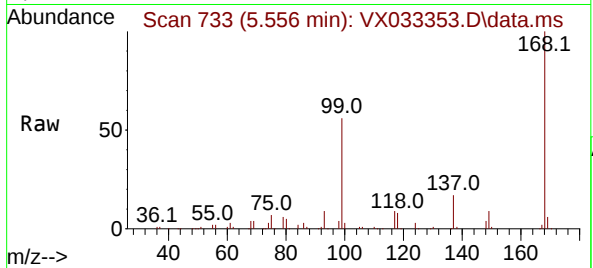




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033353.D
Acq: 09 Dec 2022 17:22

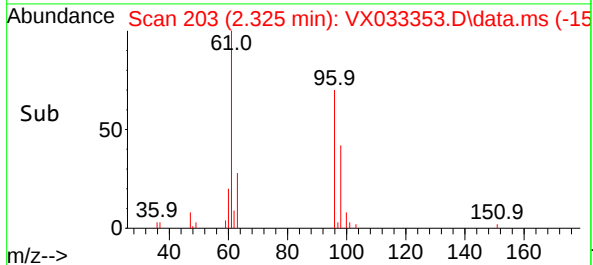
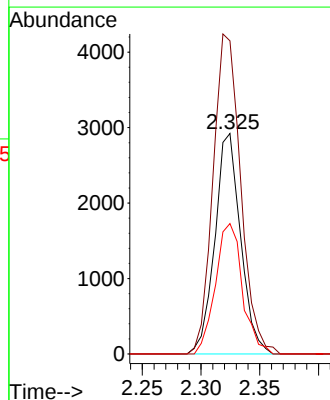
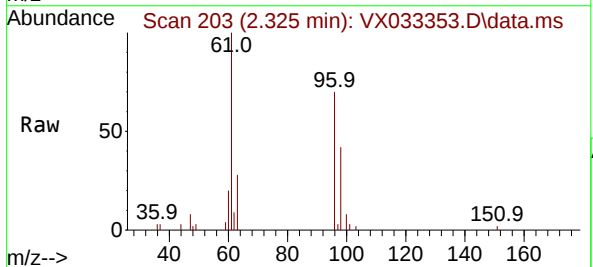
Instrument :
MSVOA_X
ClientSampleId :
GW-BR-04-113-127-120822

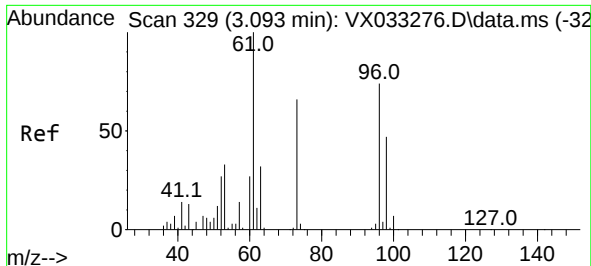
Tgt Ion:168 Resp: 155350
Ion Ratio Lower Upper
168 100
99 56.5 46.1 69.1



#12
1,1-Dichloroethene
Concen: 3.162 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX033353.D
Acq: 09 Dec 2022 17:22

Tgt Ion: 96 Resp: 4453
Ion Ratio Lower Upper
96 100
61 142.0 125.1 187.7
98 59.2 50.6 76.0

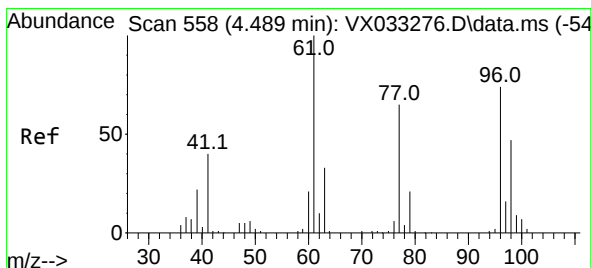
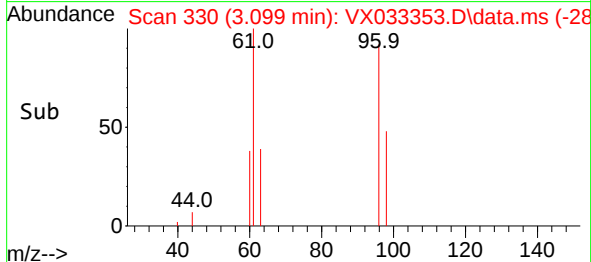
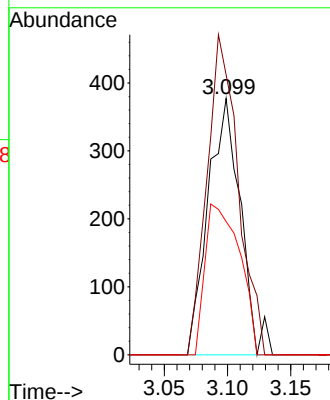
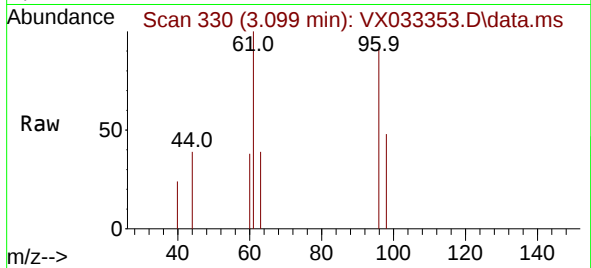




#21
trans-1,2-Dichloroethene
Concen: 0.436 ug/l
RT: 3.099 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX033353.D
Acq: 09 Dec 2022 17:22

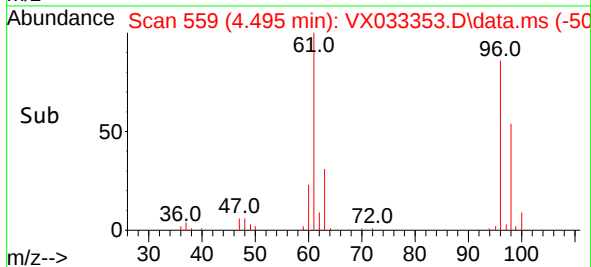
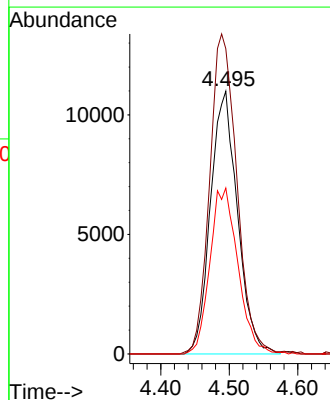
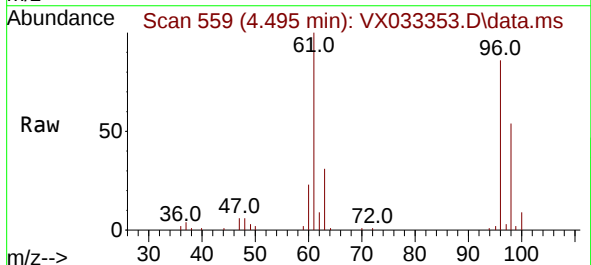
Instrument :
MSVOA_X
ClientSampleId :
GW-BR-04-113-127-120822

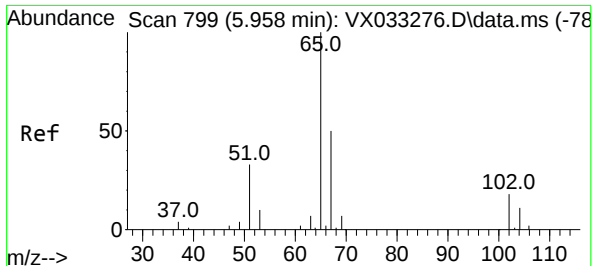
Tgt Ion: 96 Resp: 671
Ion Ratio Lower Upper
96 100
61 109.3 106.6 160.0
98 52.0 51.0 76.6



#27
cis-1,2-Dichloroethene
Concen: 16.329 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX033353.D
Acq: 09 Dec 2022 17:22

Tgt Ion: 96 Resp: 30066
Ion Ratio Lower Upper
96 100
61 122.5 0.0 286.0
98 65.7 0.0 129.6





#33

1,2-Dichloroethane-d4

Concen: 46.956 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033353.D

Acq: 09 Dec 2022 17:22

Instrument :

MSVOA_X

ClientSampleId :

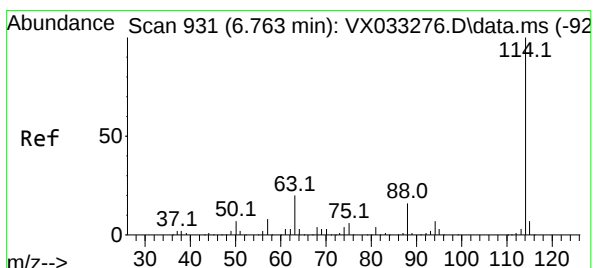
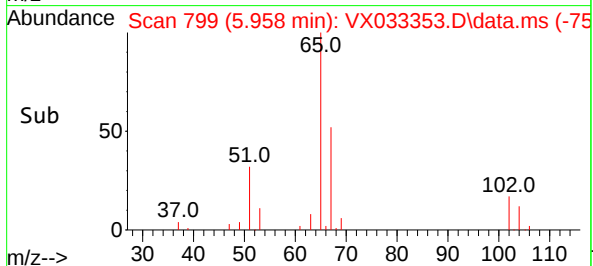
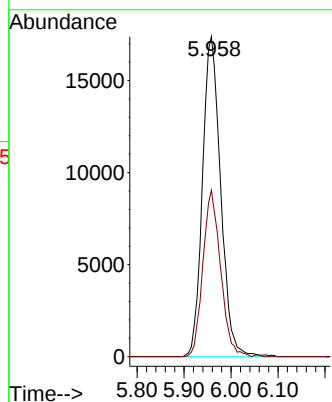
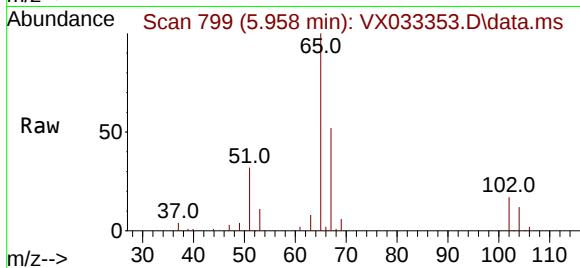
GW-BR-04-113-127-120822

Tgt Ion: 65 Resp: 46798

Ion Ratio Lower Upper

65 100

67 50.3 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: VX033353.D

Acq: 09 Dec 2022 17:22

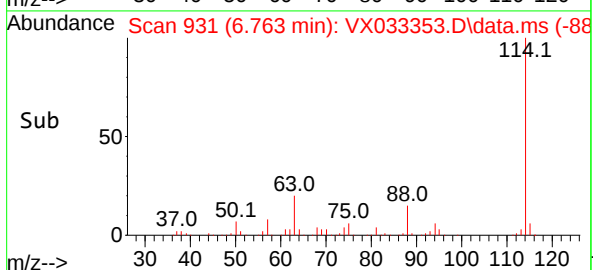
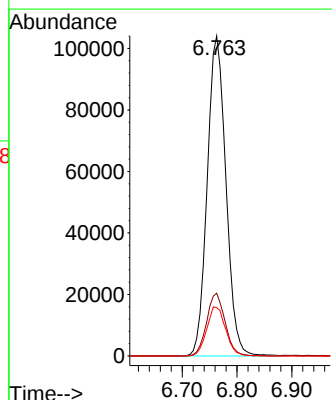
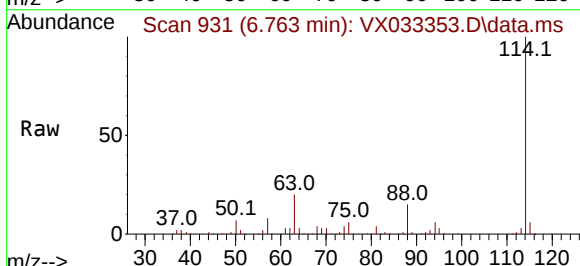
Tgt Ion: 114 Resp: 246019

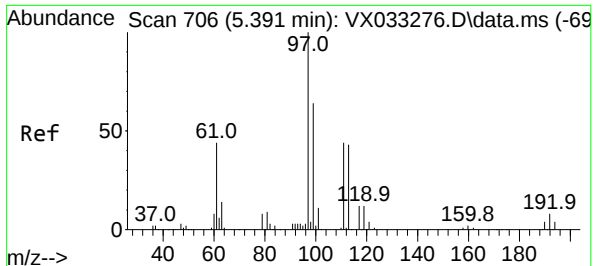
Ion Ratio Lower Upper

114 100

63 19.6 0.0 41.6

88 15.1 0.0 33.4

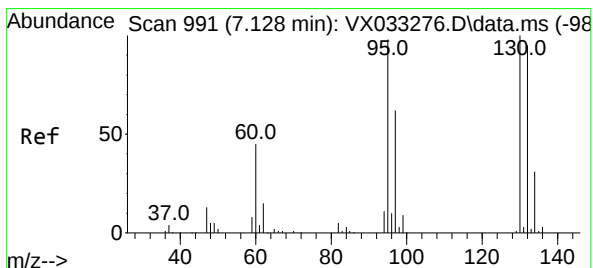
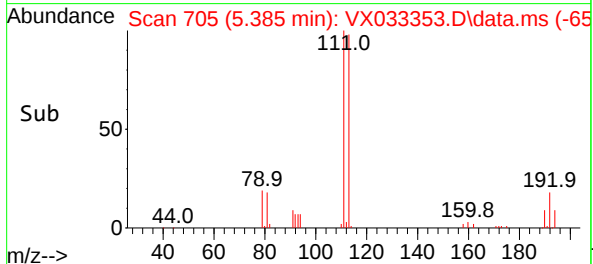
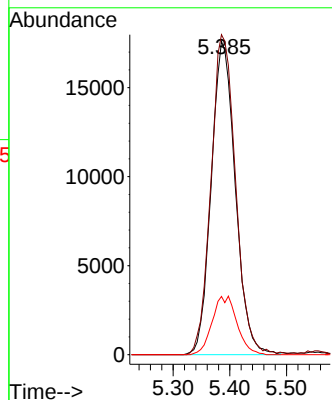
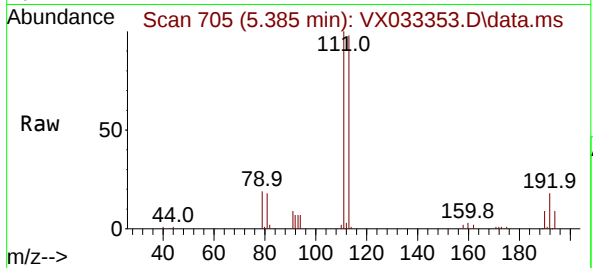




#35
Dibromofluoromethane
Concen: 46.894 ug/l
RT: 5.385 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX033353.D
Acq: 09 Dec 2022 17:22

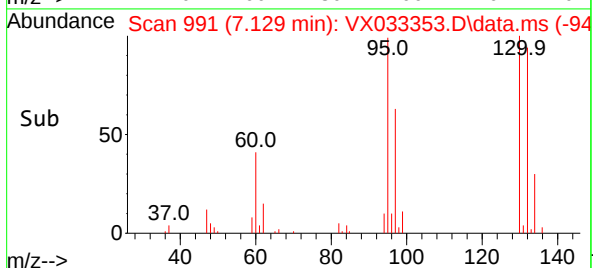
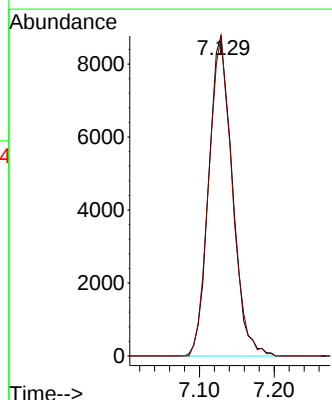
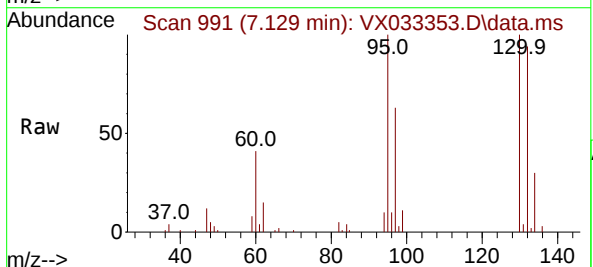
Instrument :
MSVOA_X
ClientSampleId :
GW-BR-04-113-127-120822

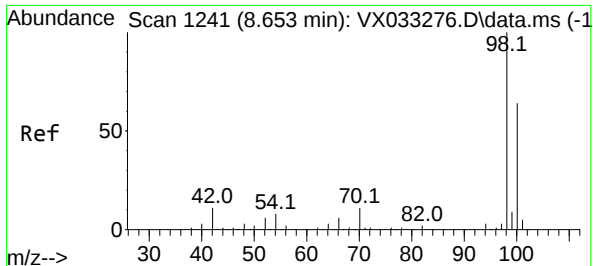
Tgt Ion:113 Resp: 51890
Ion Ratio Lower Upper
113 100
111 104.2 82.4 123.6
192 19.3 15.4 23.2



#44
Trichloroethene
Concen: 11.090 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX033353.D
Acq: 09 Dec 2022 17:22

Tgt Ion:130 Resp: 19234
Ion Ratio Lower Upper
130 100
95 100.0 0.0 195.2

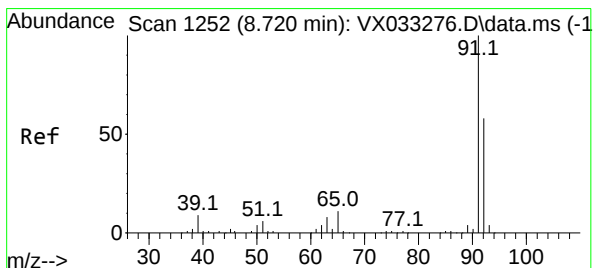
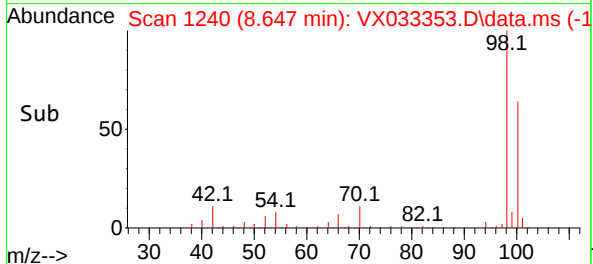
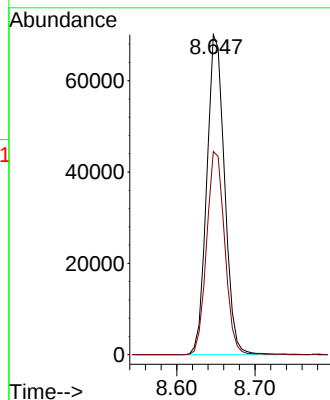
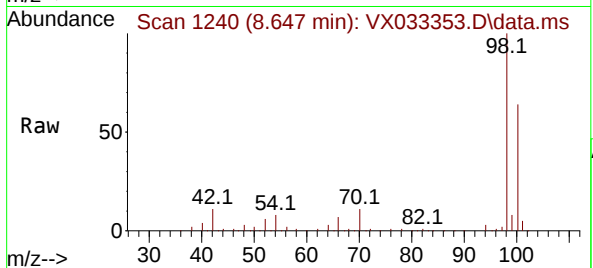




#50
Toluene-d8
Concen: 47.674 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX033353.D
Acq: 09 Dec 2022 17:22

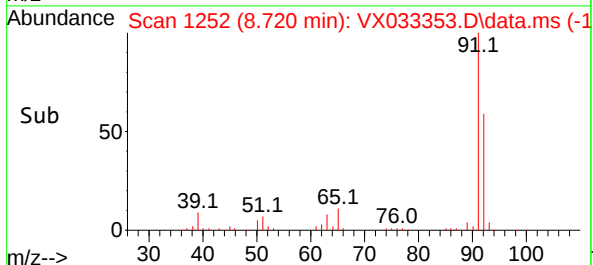
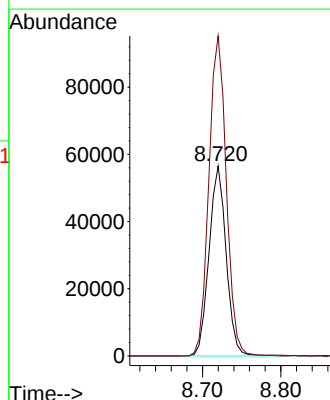
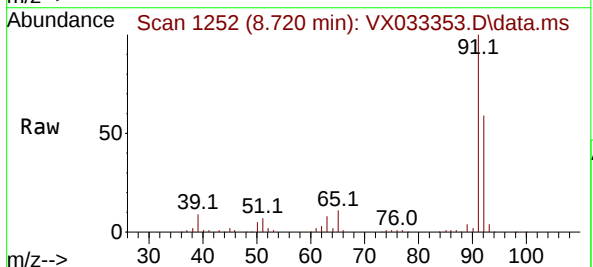
Instrument :
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ClientSampleId :
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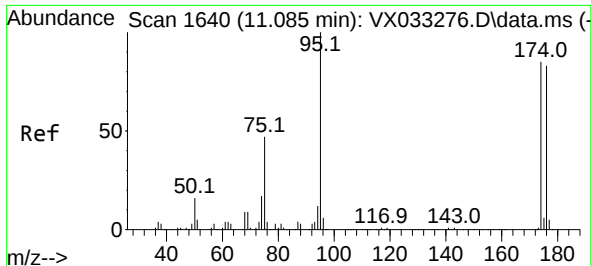
Tgt Ion: 98 Resp: 110357
Ion Ratio Lower Upper
98 100
100 64.7 50.9 76.3



#52
Toluene
Concen: 21.043 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX033353.D
Acq: 09 Dec 2022 17:22

Tgt Ion: 92 Resp: 85580
Ion Ratio Lower Upper
92 100
91 172.3 138.3 207.5

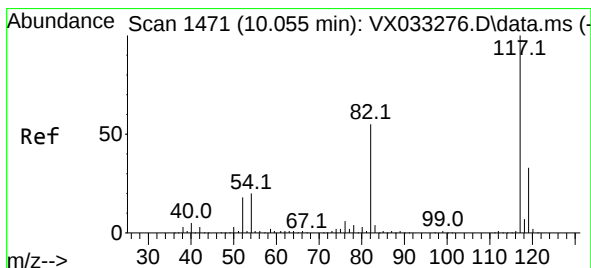
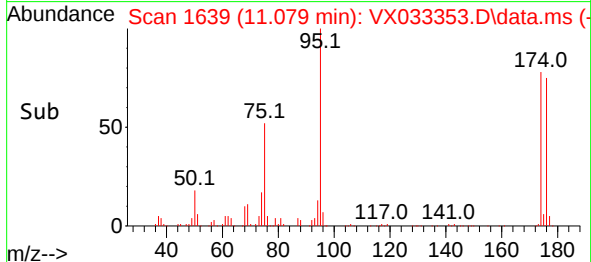
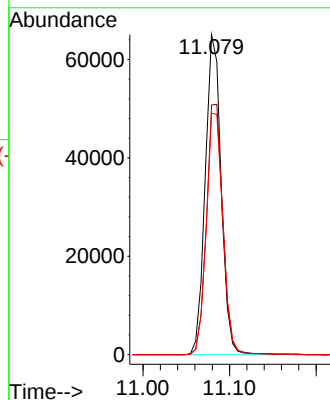
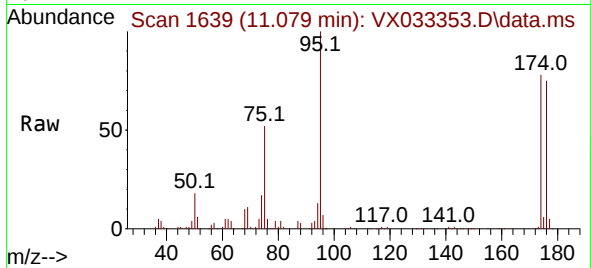




#62
4-Bromofluorobenzene
Concen: 46.883 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX033353.D
Acq: 09 Dec 2022 17:22

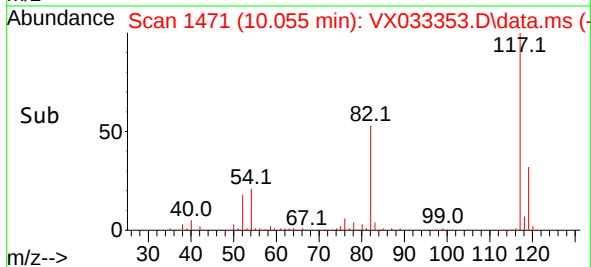
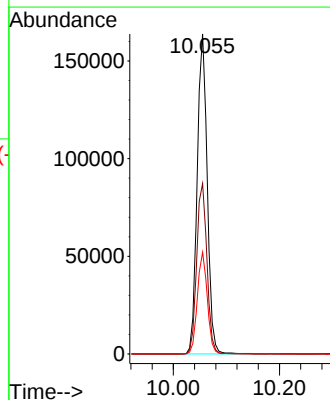
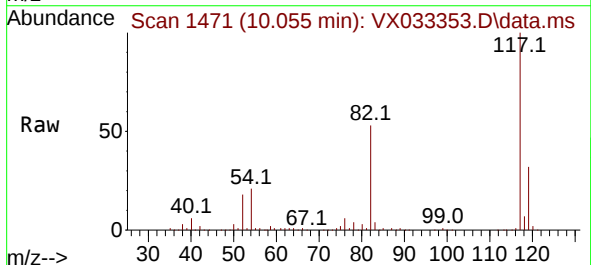
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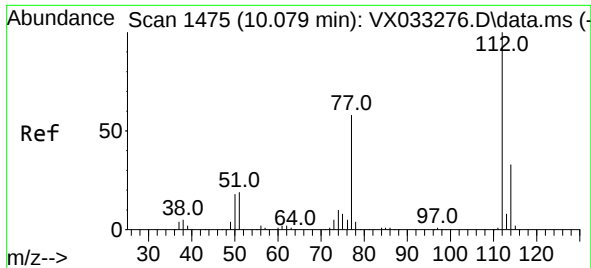
Tgt Ion: 95 Resp: 82981
Ion Ratio Lower Upper
95 100
174 81.2 0.0 164.0
176 79.2 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033353.D
Acq: 09 Dec 2022 17:22

Tgt Ion: 117 Resp: 214972
Ion Ratio Lower Upper
117 100
82 53.3 44.3 66.5
119 31.8 25.7 38.5

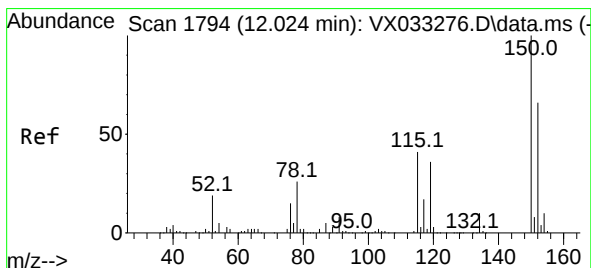
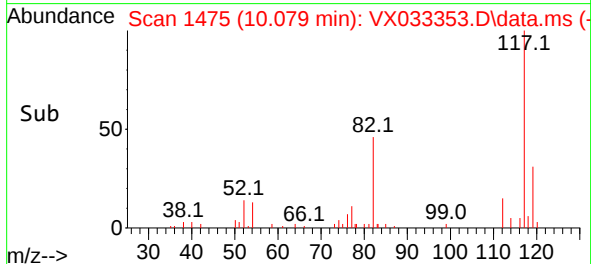
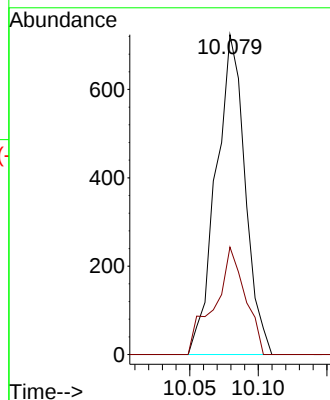
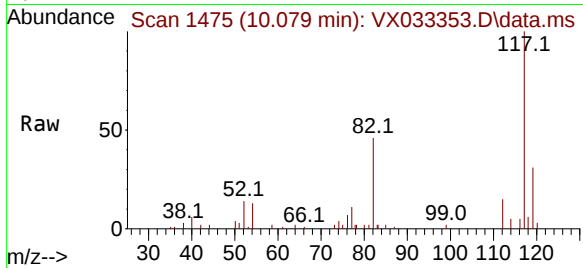




#65
Chlorobenzene
Concen: 0.246 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX033353.D
Acq: 09 Dec 2022 17:22

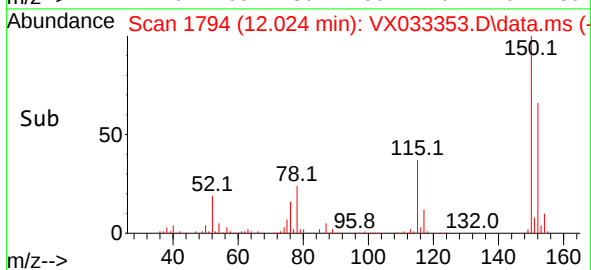
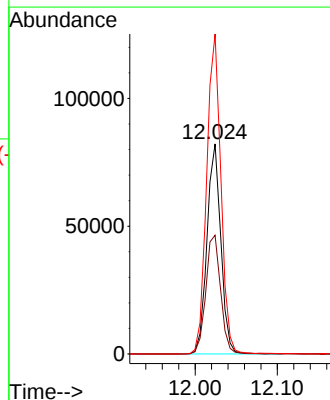
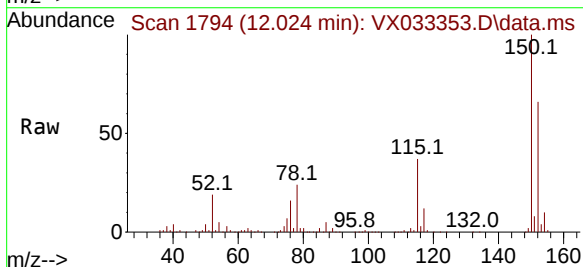
Instrument :
MSVOA_X
ClientSampleId :
GW-BR-04-113-127-120822

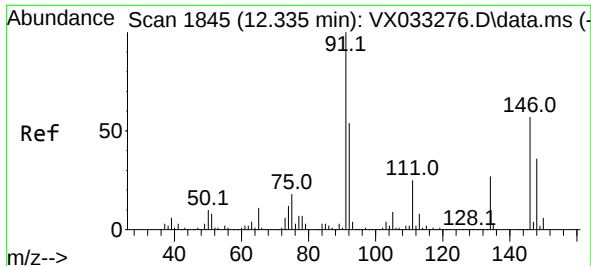
Tgt Ion:112 Resp: 1070
Ion Ratio Lower Upper
112 100
114 33.6 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033353.D
Acq: 09 Dec 2022 17:22

Tgt Ion:152 Resp: 96392
Ion Ratio Lower Upper
152 100
115 60.2 44.0 132.0
150 155.7 0.0 351.8





#91
 1,2-Dichlorobenzene
 Concen: 0.303 ug/l
 RT: 12.335 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX033353.D
 Acq: 09 Dec 2022 17:22

Instrument :
 MSVOA_X
 ClientSampleId :
 GW-BR-04-113-127-120822

Tgt Ion:146	Resp:	969	
Ion	Ratio	Lower	Upper
146	100		
111	46.1	21.5	64.5
148	62.2	32.0	96.2

