

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120922\
 Data File : VX033354.D
 Acq On : 09 Dec 2022 17:45
 Operator : JC/MD
 Sample : N5966-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Dec 10 05:57:27 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)

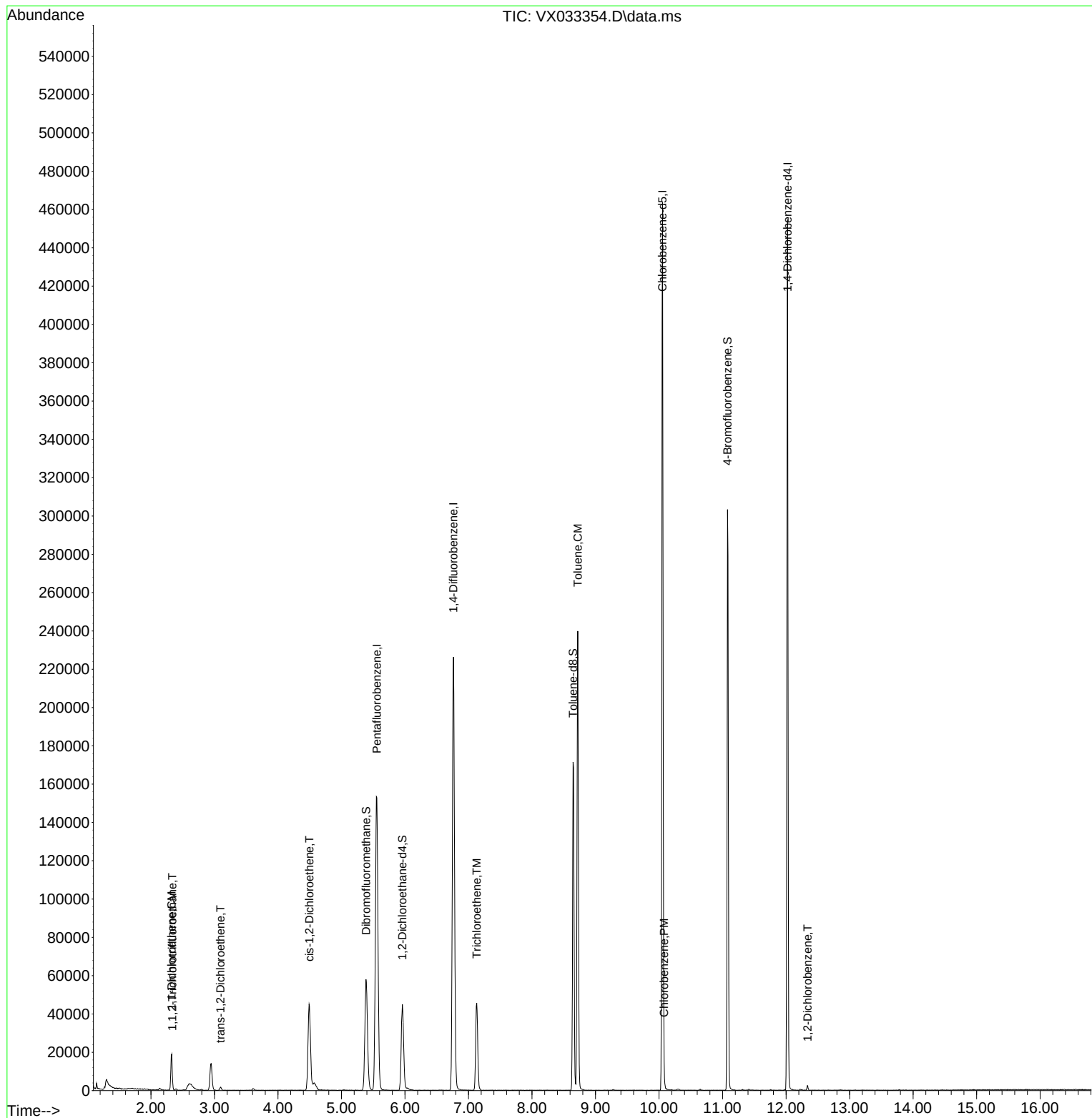
Internal Standards						
1) Pentafluorobenzene	5.555	168	149043	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	238773	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	208463	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96777	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	46734	48.877	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.760%
35) Dibromofluoromethane	5.385	113	50301	46.837	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.680%
50) Toluene-d8	8.646	98	107525	47.860	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.720%
62) 4-Bromofluorobenzene	11.079	95	82234	47.871	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.740%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.337	101	369	0.270	ug/l #	85
12) 1,1-Dichloroethene	2.324	96	6228	4.609	ug/l	99
21) trans-1,2-Dichloroethene	3.092	96	671	0.454	ug/l #	82
27) cis-1,2-Dichloroethene	4.495	96	29679	16.801	ug/l	89
44) Trichloroethene	7.128	130	18954	11.261	ug/l	96
52) Toluene	8.720	92	89684	22.721	ug/l	99
65) Chlorobenzene	10.079	112	1056	0.250	ug/l	90
91) 1,2-Dichlorobenzene	12.341	146	1049	0.327	ug/l	98

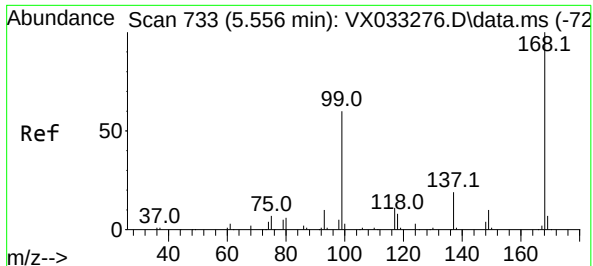
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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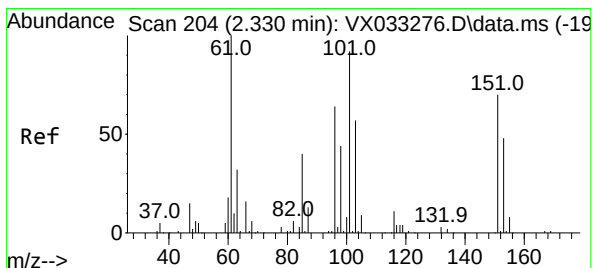
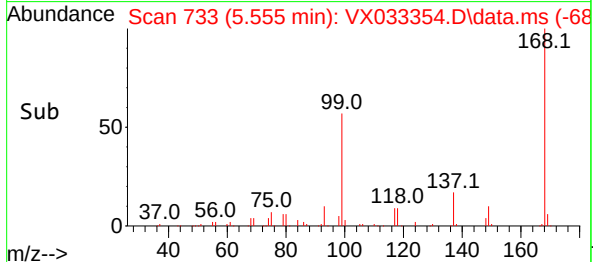
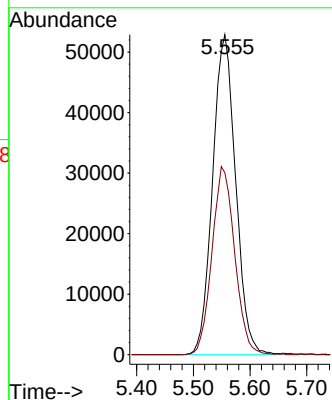
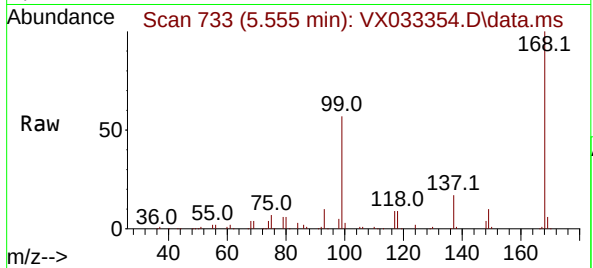




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.555 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX033354.D
Acq: 09 Dec 2022 17:45

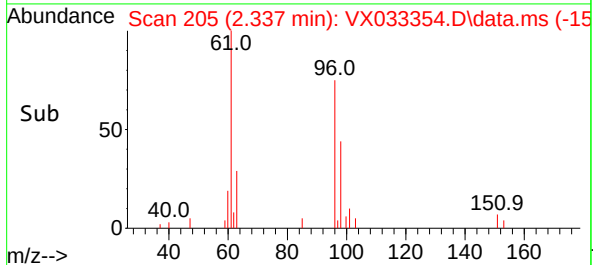
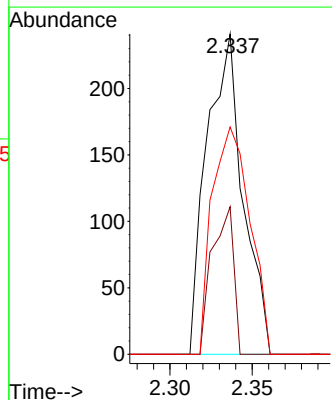
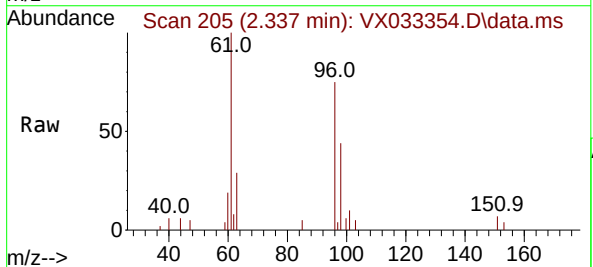
Instrument :
MSVOA_X
ClientSampleId :
GW-BR-04-113-127-120822-FD

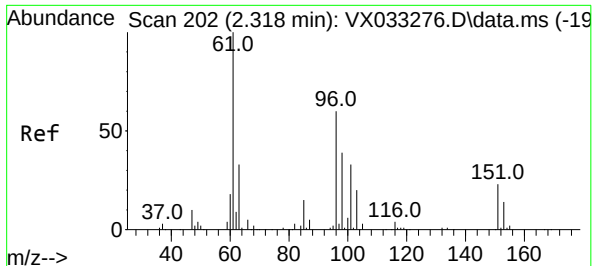
Tgt Ion:168 Resp: 149043
Ion Ratio Lower Upper
168 100
99 56.9 46.1 69.1



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.270 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.006 min
Lab File: VX033354.D
Acq: 09 Dec 2022 17:45

Tgt Ion:101 Resp: 369
Ion Ratio Lower Upper
101 100
85 27.4 37.0 55.4#
151 74.3 64.4 96.6





#12

1,1-Dichloroethene

Concen: 4.609 ug/l

RT: 2.324 min Scan# 202

Delta R.T. 0.006 min

Lab File: VX033354.D

Acq: 09 Dec 2022 17:45

Instrument :

MSVOA_X

ClientSampleId :

GW-BR-04-113-127-120822-FD

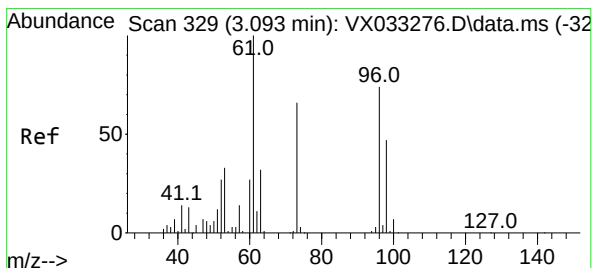
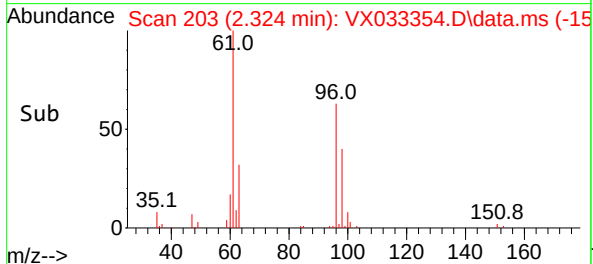
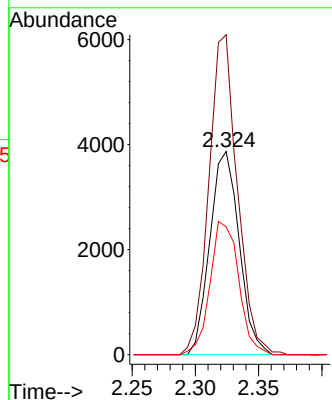
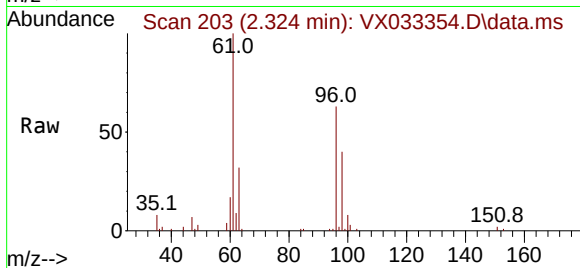
Tgt Ion: 96 Resp: 6228

Ion Ratio Lower Upper

96 100

61 157.5 125.1 187.7

98 62.9 50.6 76.0



#21

trans-1,2-Dichloroethene

Concen: 0.454 ug/l

RT: 3.092 min Scan# 329

Delta R.T. -0.000 min

Lab File: VX033354.D

Acq: 09 Dec 2022 17:45

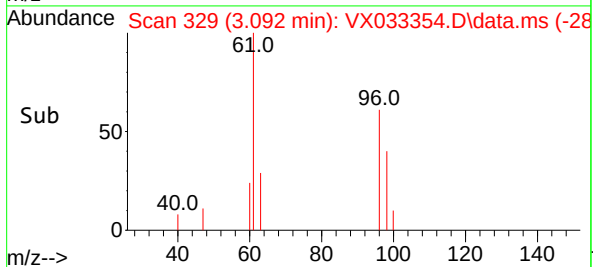
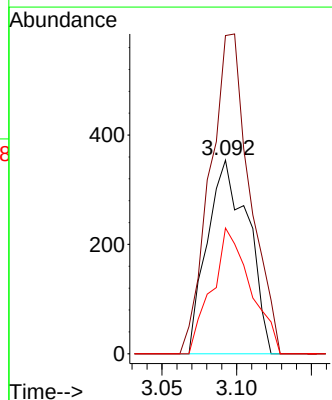
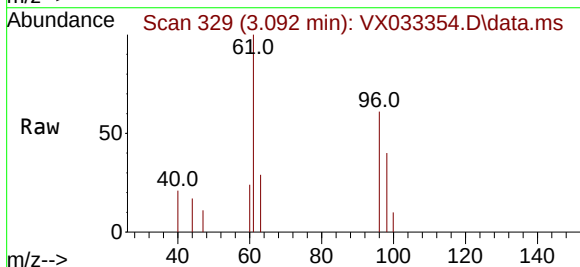
Tgt Ion: 96 Resp: 671

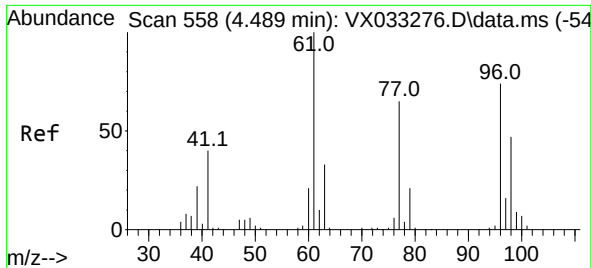
Ion Ratio Lower Upper

96 100

61 164.4 106.6 160.0#

98 65.0 51.0 76.6





#27

cis-1,2-Dichloroethene

Concen: 16.801 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX033354.D

Acq: 09 Dec 2022 17:45

Instrument :

MSVOA_X

ClientSampleId :

GW-BR-04-113-127-120822-FD

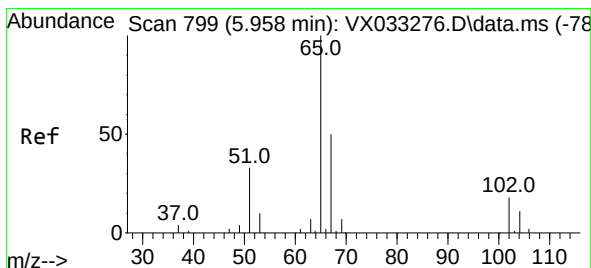
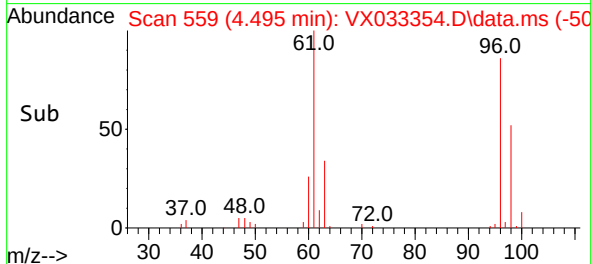
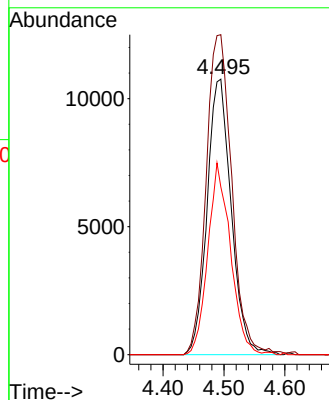
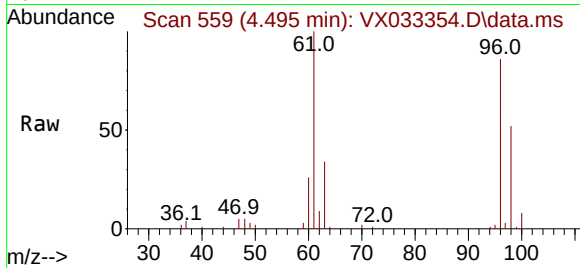
Tgt Ion: 96 Resp: 29679

Ion Ratio Lower Upper

96 100

61 122.9 0.0 286.0

98 65.1 0.0 129.6



#33

1,2-Dichloroethane-d4

Concen: 48.877 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX033354.D

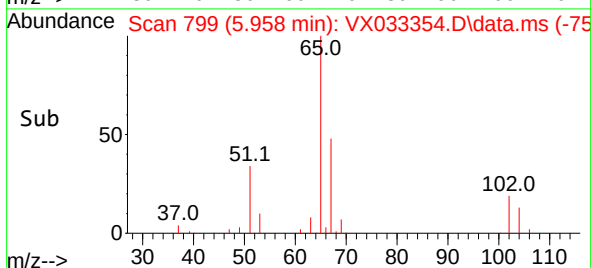
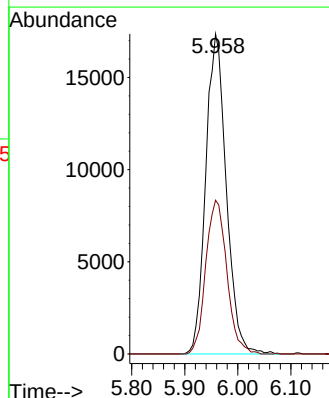
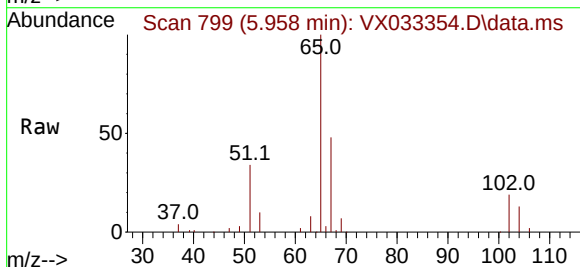
Acq: 09 Dec 2022 17:45

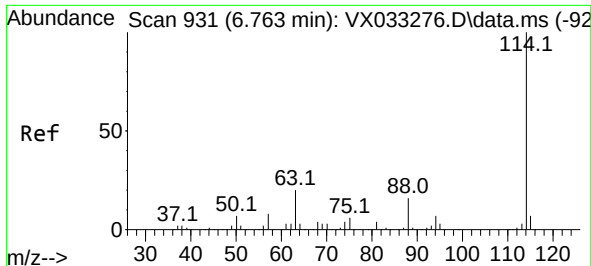
Tgt Ion: 65 Resp: 46734

Ion Ratio Lower Upper

65 100

67 49.3 0.0 101.8

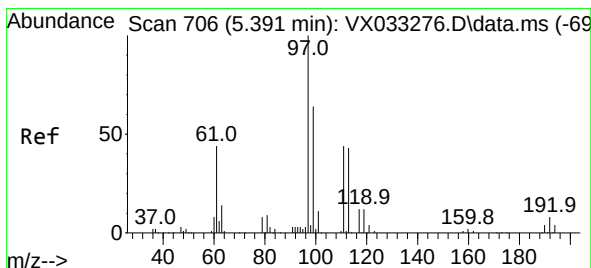
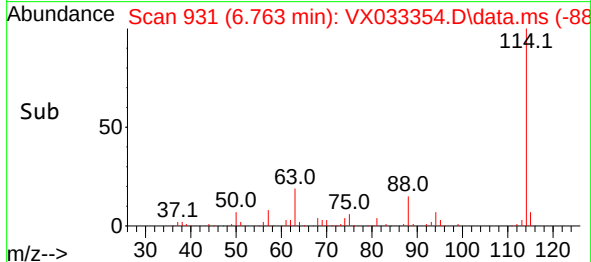
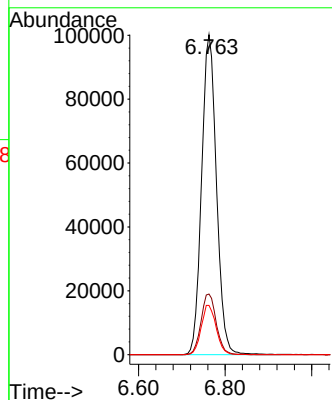
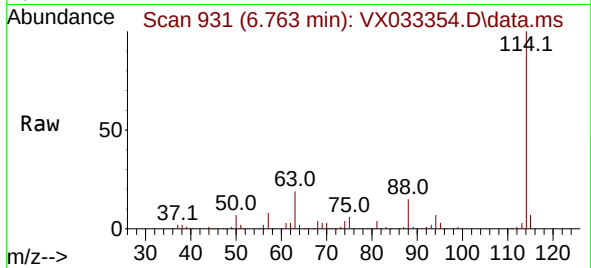




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX033354.D
Acq: 09 Dec 2022 17:45

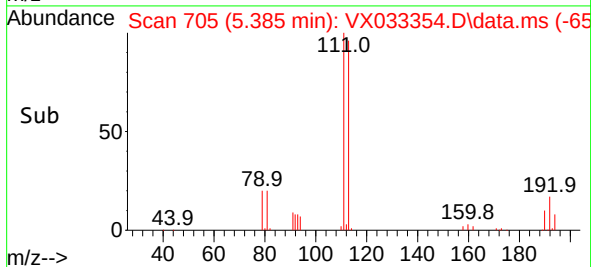
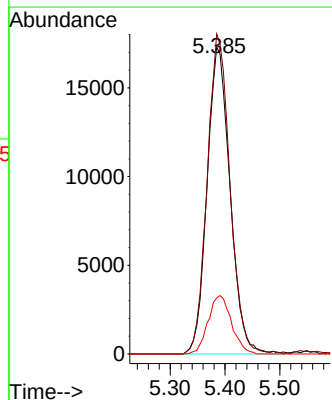
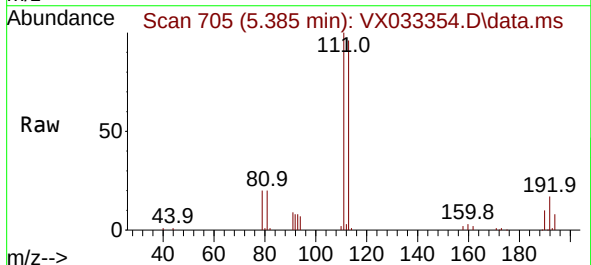
Instrument :
MSVOA_X
ClientSampleId :
GW-BR-04-113-127-120822-FD

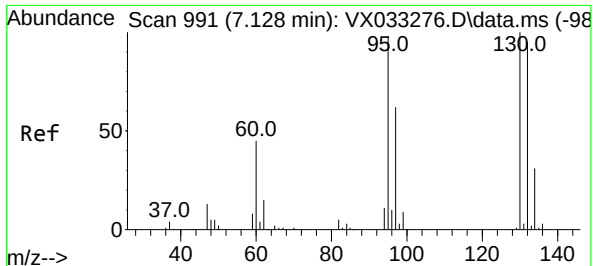
Tgt Ion:114 Resp: 238773
Ion Ratio Lower Upper
114 100
63 18.9 0.0 41.6
88 15.4 0.0 33.4



#35
Dibromofluoromethane
Concen: 46.837 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX033354.D
Acq: 09 Dec 2022 17:45

Tgt Ion:113 Resp: 50301
Ion Ratio Lower Upper
113 100
111 103.4 82.4 123.6
192 19.4 15.4 23.2

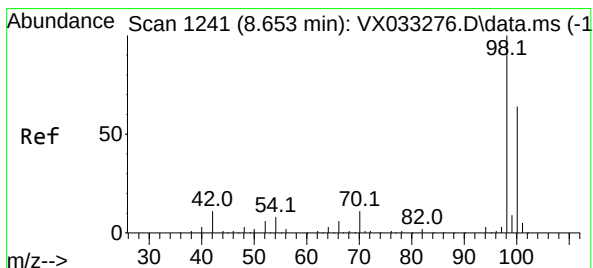
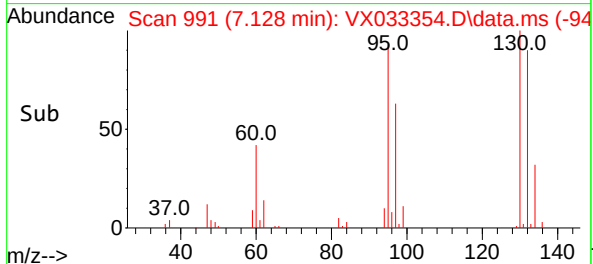
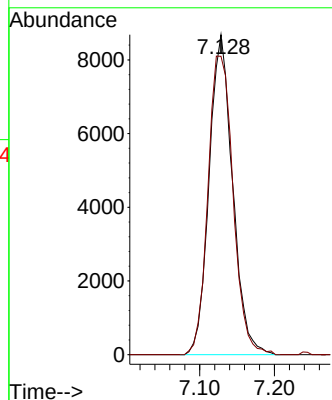
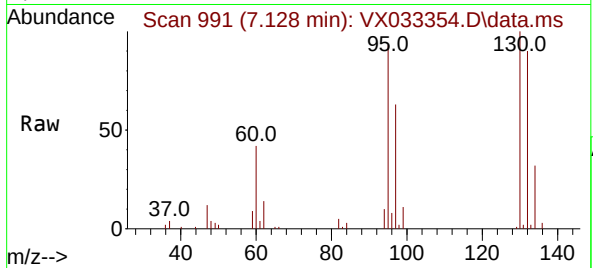




#44
Trichloroethene
Concen: 11.261 ug/l
RT: 7.128 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX033354.D
Acq: 09 Dec 2022 17:45

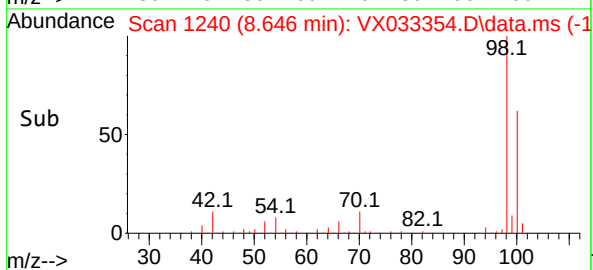
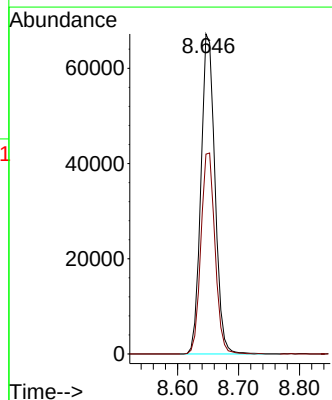
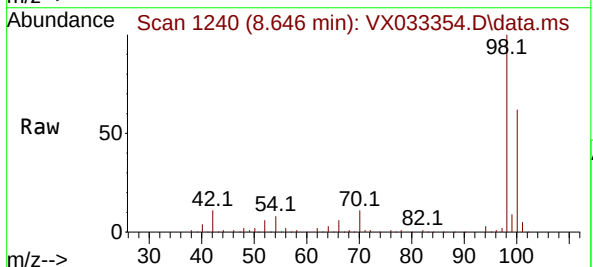
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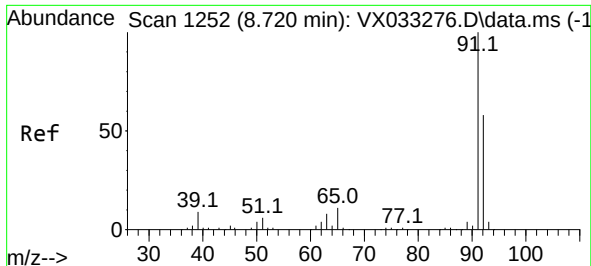
Tgt Ion:130 Resp: 18954
Ion Ratio Lower Upper
130 100
95 93.3 0.0 195.2



#50
Toluene-d8
Concen: 47.860 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX033354.D
Acq: 09 Dec 2022 17:45

Tgt Ion: 98 Resp: 107525
Ion Ratio Lower Upper
98 100
100 63.2 50.9 76.3

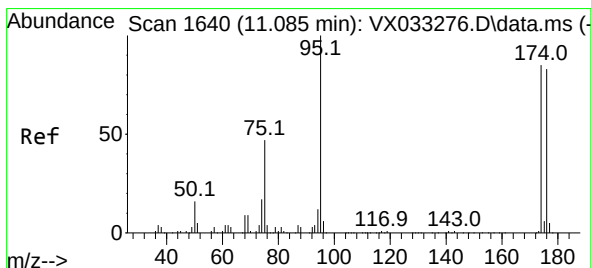
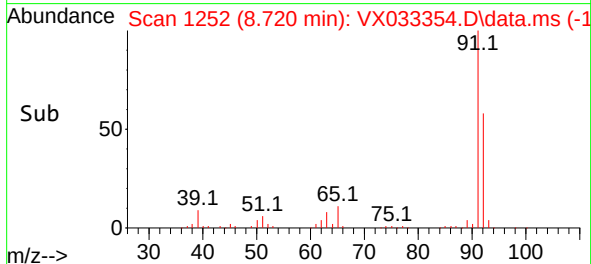
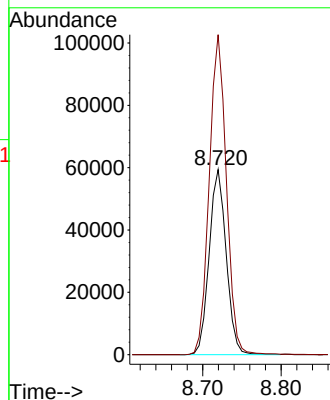
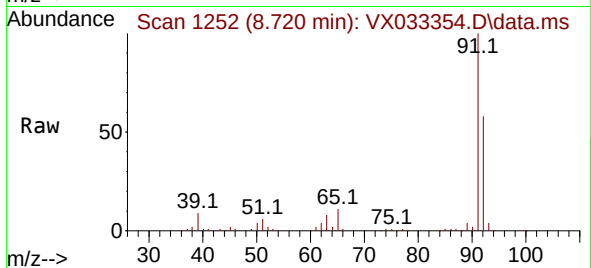




#52
Toluene
Concen: 22.721 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033354.D
Acq: 09 Dec 2022 17:45

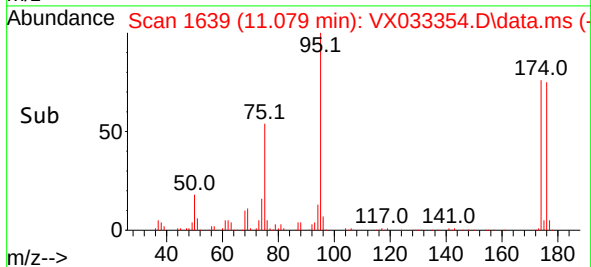
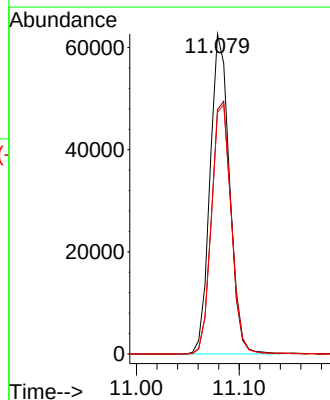
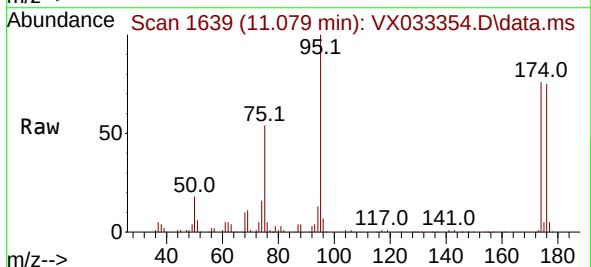
Instrument :
MSVOA_X
ClientSampleId :
GW-BR-04-113-127-120822-FD

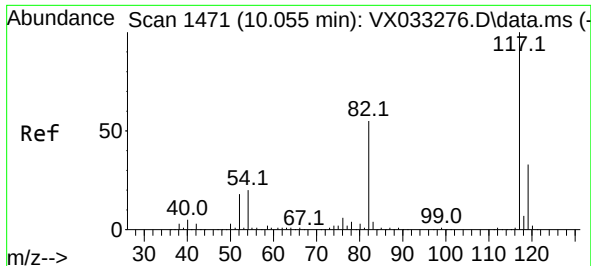
Tgt Ion: 92 Resp: 89684
Ion Ratio Lower Upper
92 100
91 173.9 138.3 207.5



#62
4-Bromofluorobenzene
Concen: 47.871 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX033354.D
Acq: 09 Dec 2022 17:45

Tgt Ion: 95 Resp: 82234
Ion Ratio Lower Upper
95 100
174 80.5 0.0 164.0
176 79.1 0.0 154.4

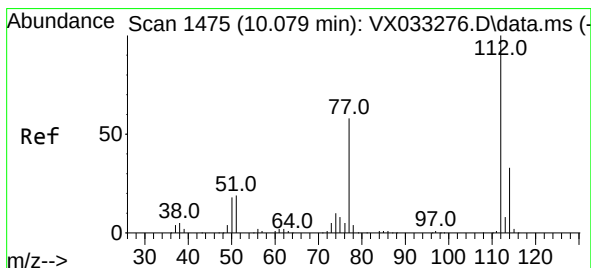
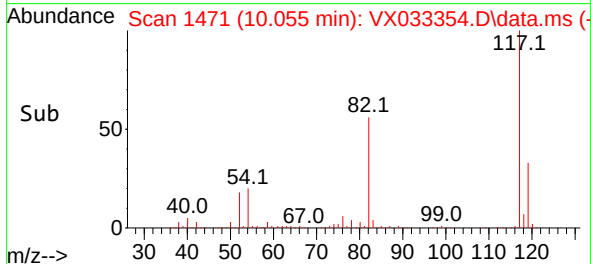
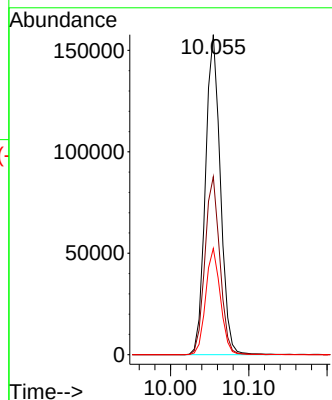
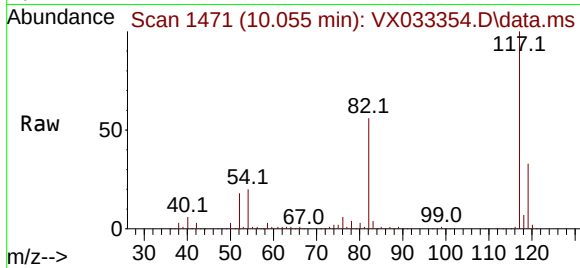




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033354.D
Acq: 09 Dec 2022 17:45

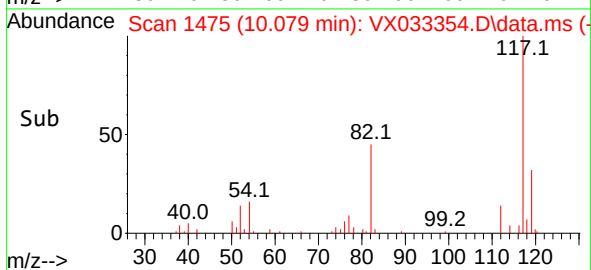
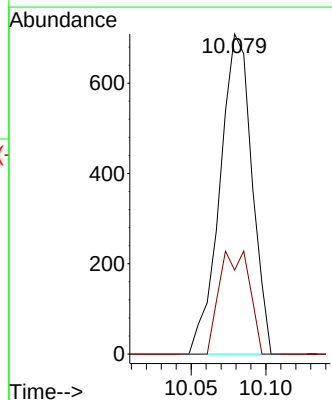
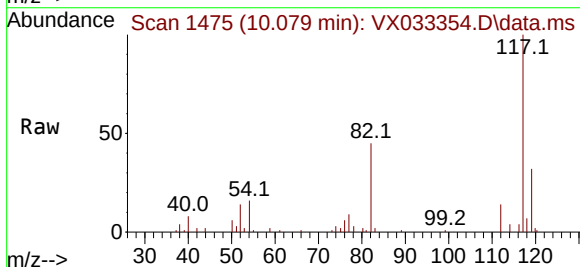
Instrument :
MSVOA_X
ClientSampleId :
GW-BR-04-113-127-120822-FD

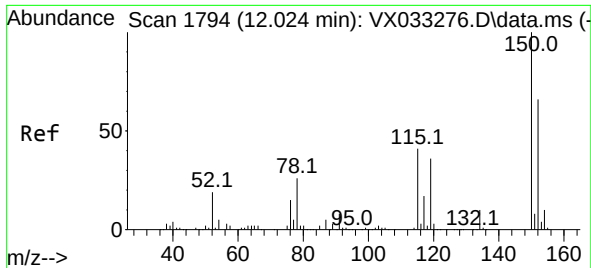
Tgt Ion:117 Resp: 208463
Ion Ratio Lower Upper
117 100
82 55.6 44.3 66.5
119 33.2 25.7 38.5



#65
Chlorobenzene
Concen: 0.250 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX033354.D
Acq: 09 Dec 2022 17:45

Tgt Ion:112 Resp: 1056
Ion Ratio Lower Upper
112 100
114 26.2 25.4 38.2

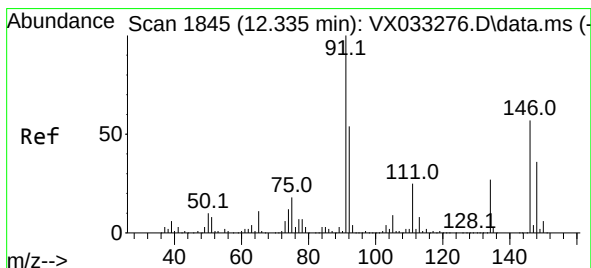
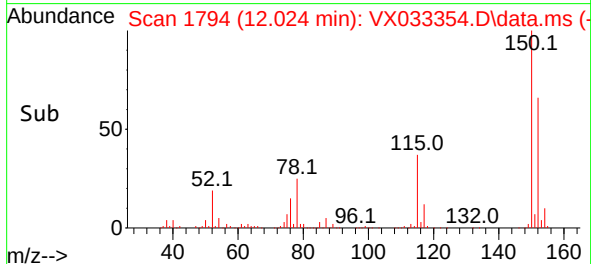
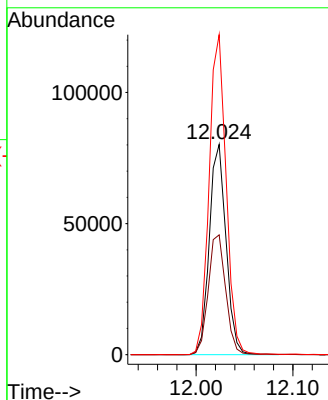
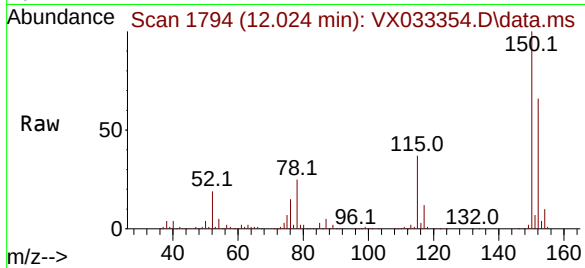




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033354.D
Acq: 09 Dec 2022 17:45

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

Tgt Ion:152 Resp: 96777
Ion Ratio Lower Upper
152 100
115 59.6 44.0 132.0
150 154.3 0.0 351.8



#91
1,2-Dichlorobenzene
Concen: 0.327 ug/l
RT: 12.341 min Scan# 1846
Delta R.T. 0.006 min
Lab File: VX033354.D
Acq: 09 Dec 2022 17:45

Tgt Ion:146 Resp: 1049
Ion Ratio Lower Upper
146 100
111 43.8 21.5 64.5
148 62.5 32.0 96.2

