

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091922\
 Data File : VX031471.D
 Acq On : 19 Sep 2022 19:36
 Operator : JC/MD
 Sample : N4558-05RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW5-GW-203-205RE

Quant Time: Sep 20 09:50:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 09:45:29 2022
 Response via : Initial Calibration

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

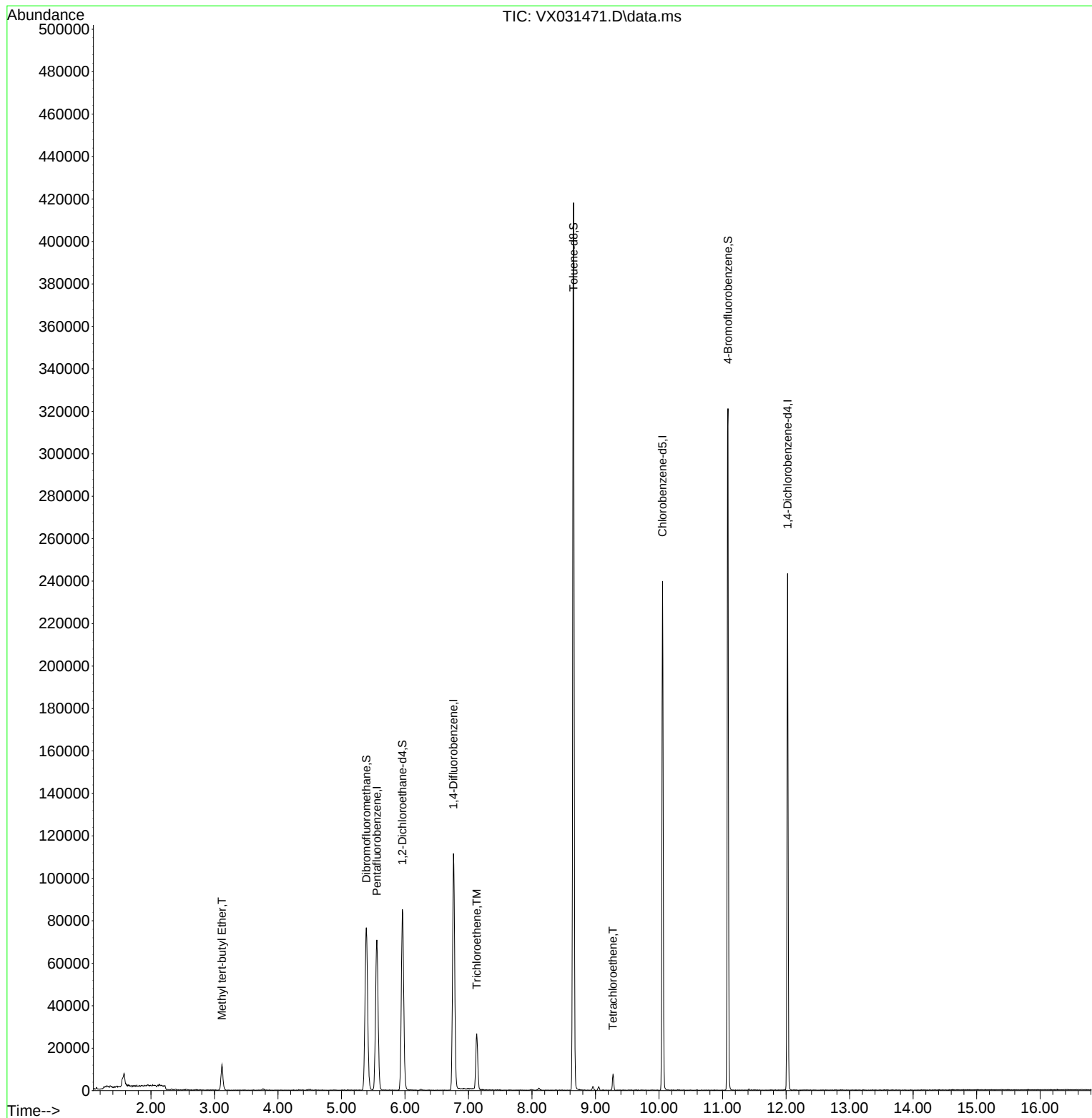
Internal Standards						
1) Pentafluorobenzene	5.556	168	67909	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	112727	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	103723	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	45382	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	74831	60.193	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 120.380%	
35) Dibromofluoromethane	5.391	113	63424	54.499	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 109.000%	
50) Toluene-d8	8.653	98	237068	52.786	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 105.580%	
62) 4-Bromofluorobenzene	11.085	95	72076	47.378	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 94.760%	
Target Compounds						Qvalue
19) Methyl tert-butyl Ether	3.117	73	12440	3.254	ug/l	95
44) Trichloroethene	7.129	130	9350	6.169	ug/l	85
64) Tetrachloroethene	9.275	164	1258	1.010	ug/l	92

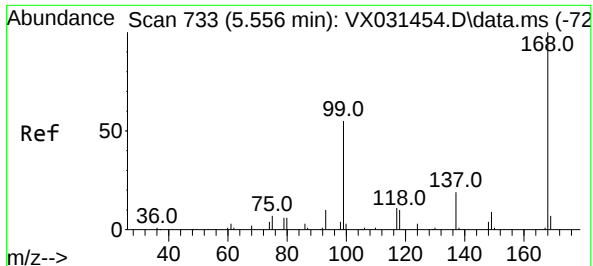
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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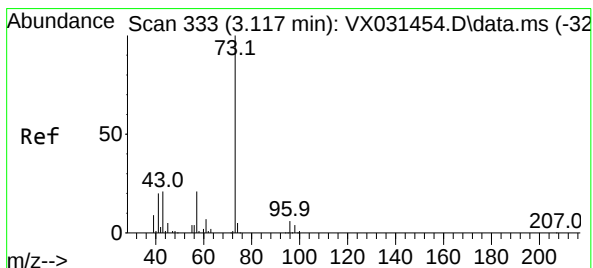
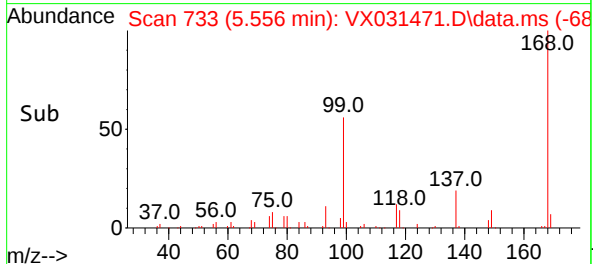
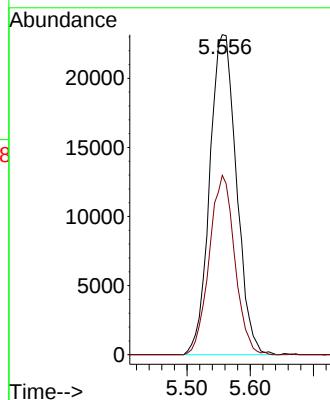
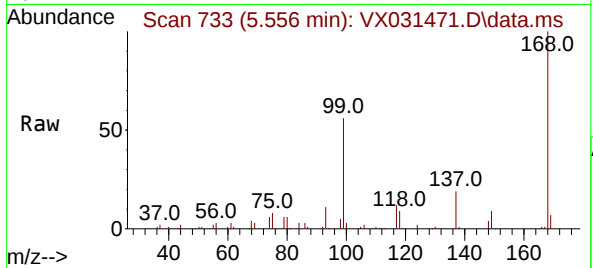




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX031471.D
Acq: 19 Sep 2022 19:36

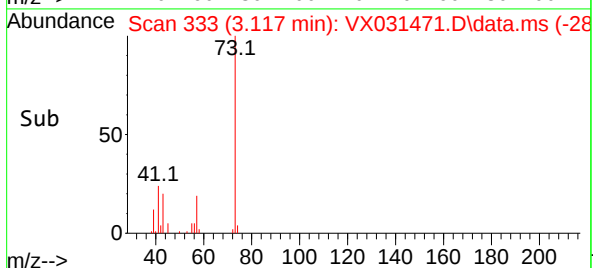
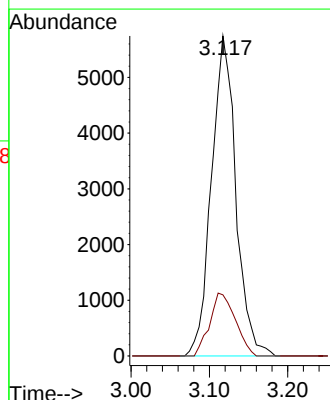
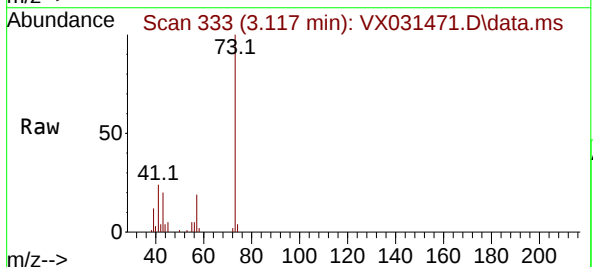
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-203-205RE

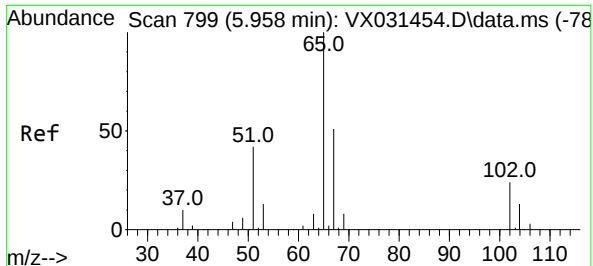
Tgt Ion:168 Resp: 67909
Ion Ratio Lower Upper
168 100
99 56.0 48.8 73.2



#19
Methyl tert-butyl Ether
Concen: 3.254 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX031471.D
Acq: 19 Sep 2022 19:36

Tgt Ion: 73 Resp: 12440
Ion Ratio Lower Upper
73 100
57 19.1 17.2 25.8





#33

1,2-Dichloroethane-d4

Concen: 60.193 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031471.D

Acq: 19 Sep 2022 19:36

Instrument :

MSVOA_X

ClientSampleId :

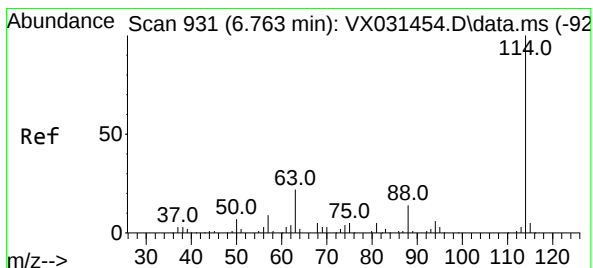
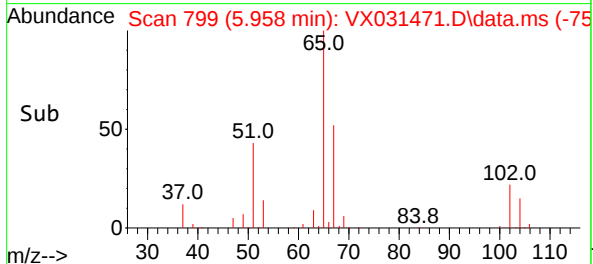
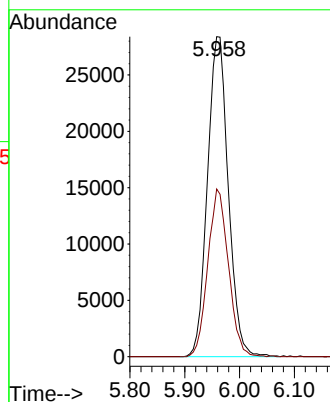
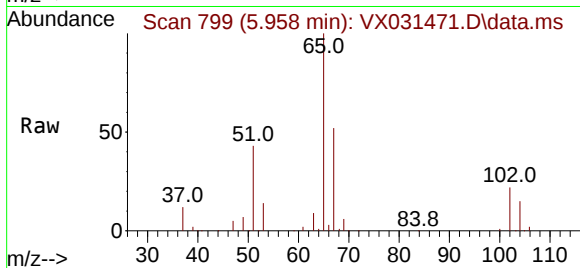
BP-VPB-RW5-GW-203-205RE

Tgt Ion: 65 Resp: 74831

Ion Ratio Lower Upper

65 100

67 51.9 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX031471.D

Acq: 19 Sep 2022 19:36

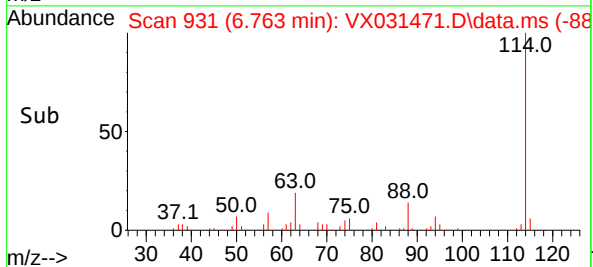
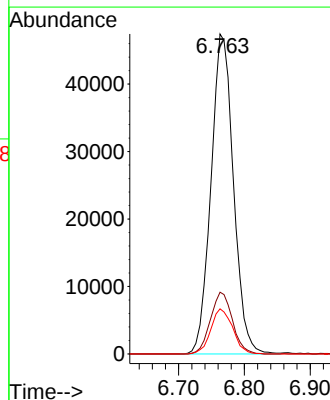
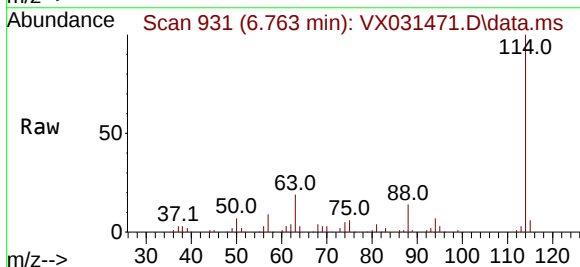
Tgt Ion: 114 Resp: 112727

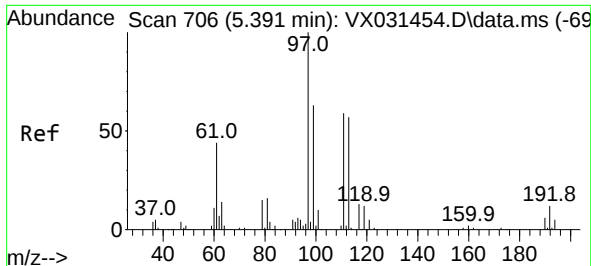
Ion Ratio Lower Upper

114 100

63 19.3 0.0 42.6

88 14.1 0.0 33.0

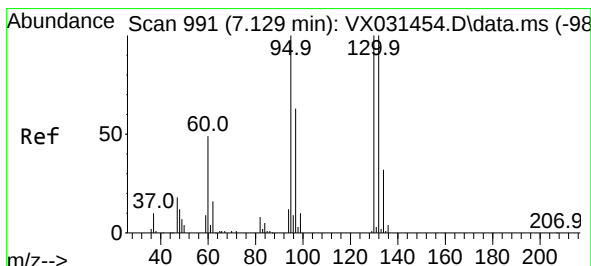
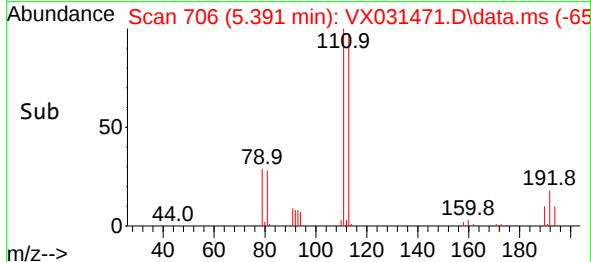
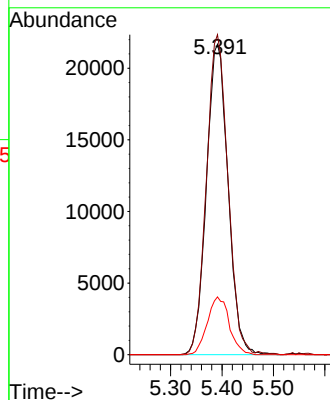
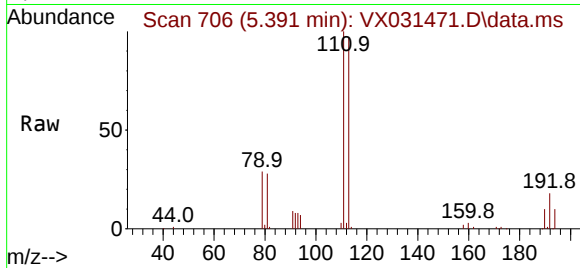




#35
Dibromofluoromethane
Concen: 54.499 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX031471.D
Acq: 19 Sep 2022 19:36

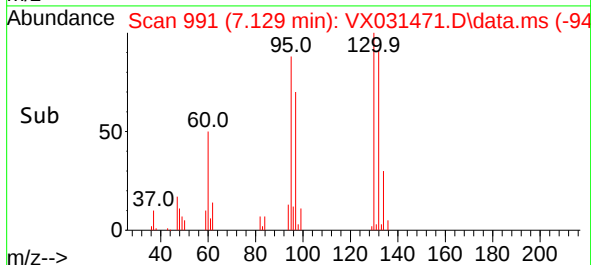
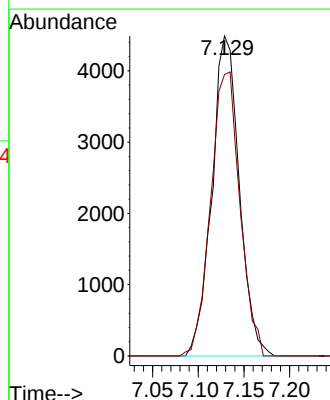
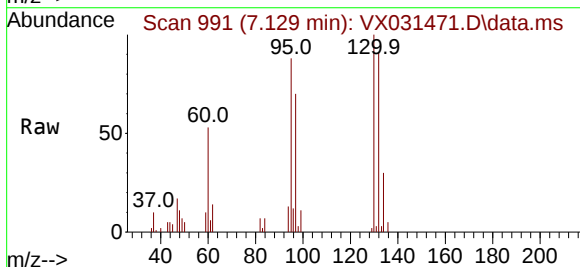
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-203-205RE

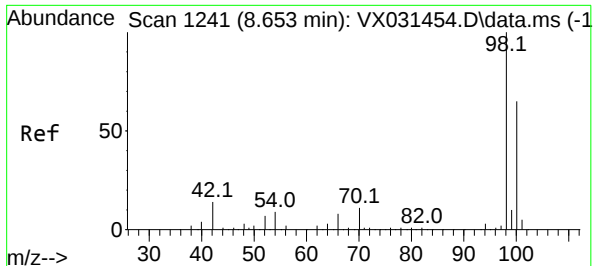
Tgt Ion:113 Resp: 63424
Ion Ratio Lower Upper
113 100
111 102.1 82.4 123.6
192 18.9 14.1 21.1



#44
Trichloroethene
Concen: 6.169 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX031471.D
Acq: 19 Sep 2022 19:36

Tgt Ion:130 Resp: 9350
Ion Ratio Lower Upper
130 100
95 87.9 0.0 206.8





#50

Toluene-d8

Concen: 52.786 ug/l

RT: 8.653 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX031471.D

Acq: 19 Sep 2022 19:36

Instrument :

MSVOA_X

ClientSampleId :

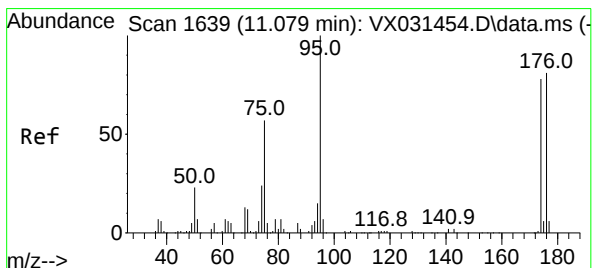
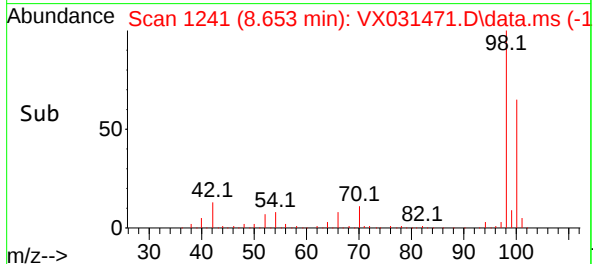
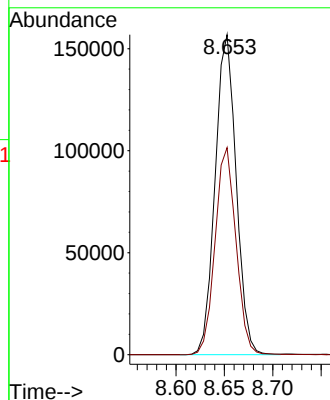
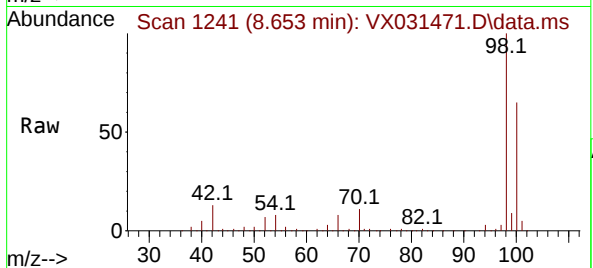
BP-VPB-RW5-GW-203-205RE

Tgt Ion: 98 Resp: 237068

Ion Ratio Lower Upper

98 100

100 64.3 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 47.378 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.006 min

Lab File: VX031471.D

Acq: 19 Sep 2022 19:36

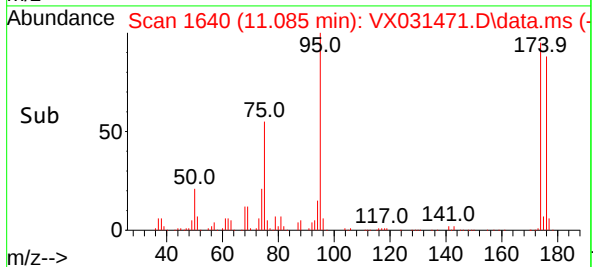
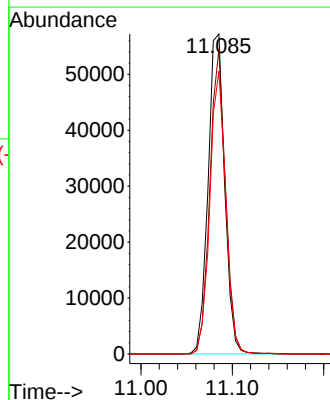
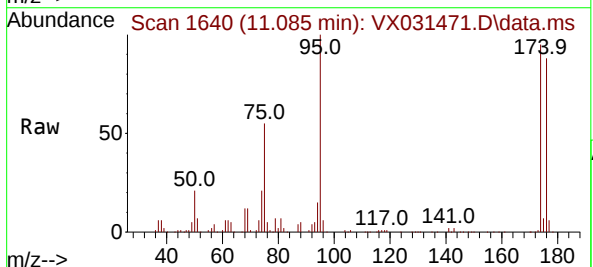
Tgt Ion: 95 Resp: 72076

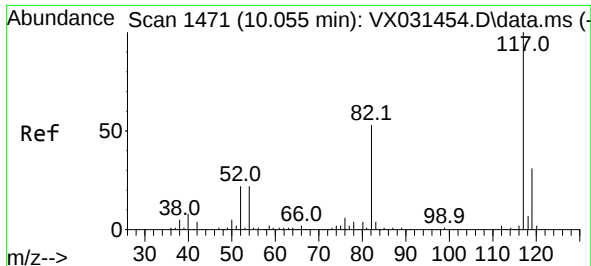
Ion Ratio Lower Upper

95 100

174 90.0 0.0 153.2

176 85.1 0.0 144.0

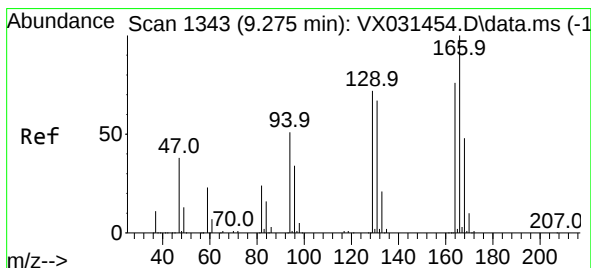
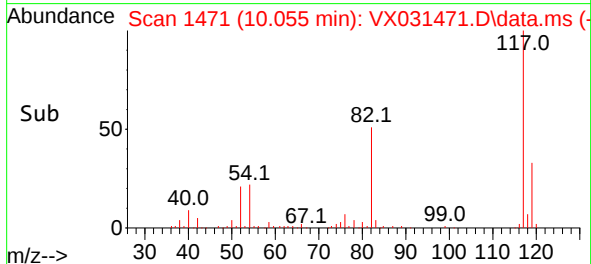
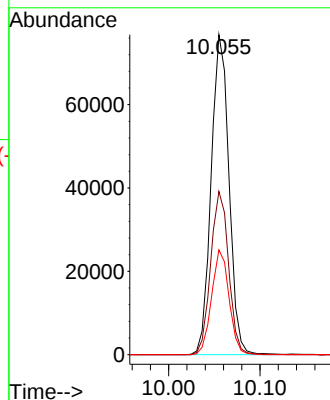
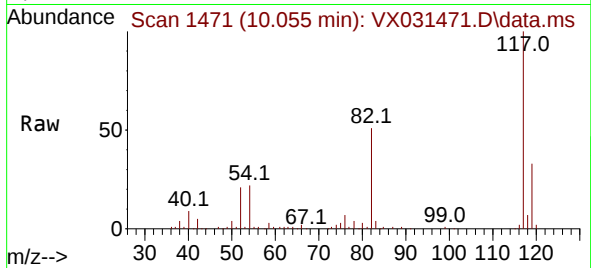




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031471.D
Acq: 19 Sep 2022 19:36

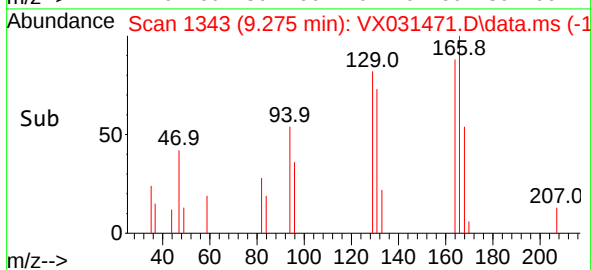
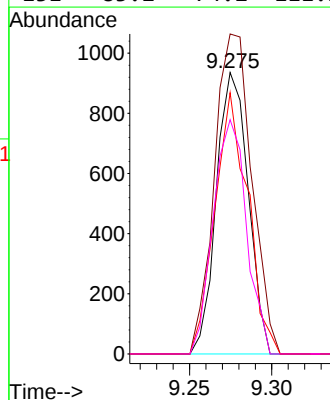
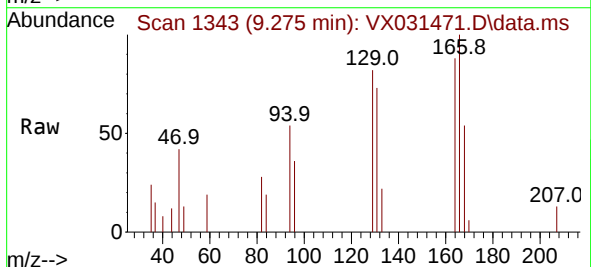
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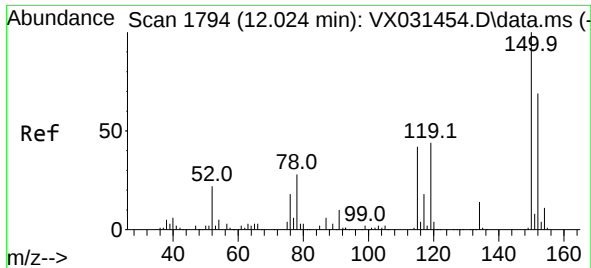
Tgt Ion:117 Resp: 103723
Ion Ratio Lower Upper
117 100
82 51.0 46.8 70.2
119 32.7 26.4 39.6



#64
Tetrachloroethene
Concen: 1.010 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX031471.D
Acq: 19 Sep 2022 19:36

Tgt Ion:164 Resp: 1258
Ion Ratio Lower Upper
164 100
166 113.7 99.0 148.4
129 92.8 78.0 117.0
131 83.2 74.2 111.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX031471.D

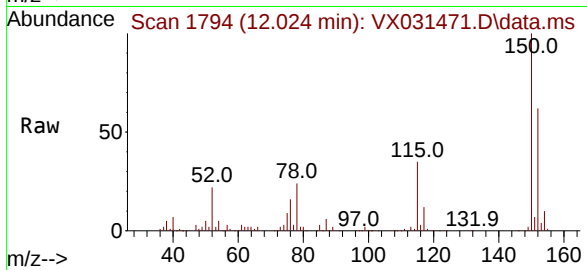
Acq: 19 Sep 2022 19:36

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-RW5-GW-203-205RE



Tgt Ion:152 Resp: 45382

Ion Ratio Lower Upper

152 100

115 57.9 43.4 130.1

150 159.4 0.0 346.8

