

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111822\
 Data File : VX032920.D
 Acq On : 18 Nov 2022 13:23
 Operator : JC/MD
 Sample : N5671-02DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW179D2-20221115DL

Quant Time: Nov 19 03:04:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

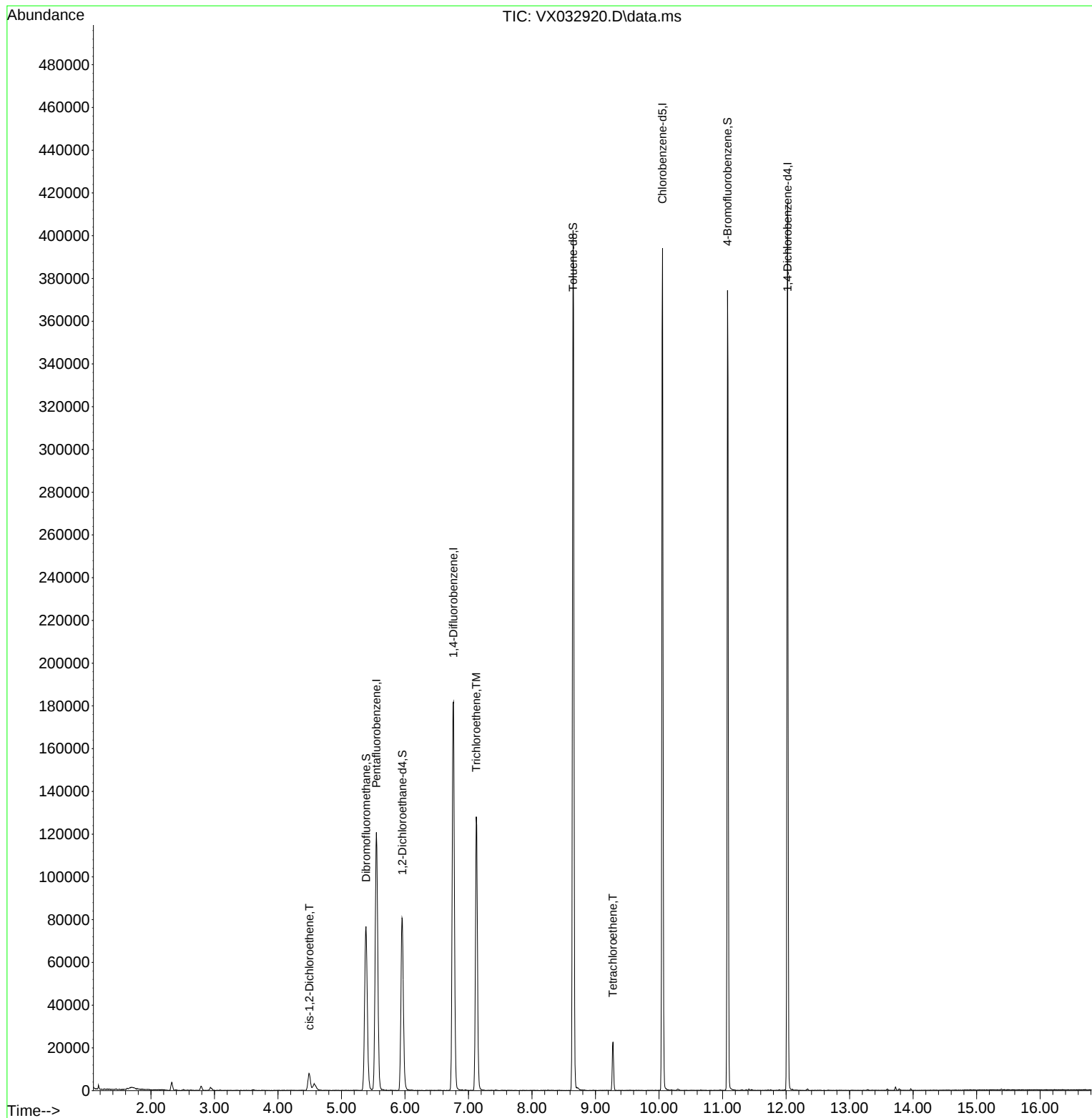
Internal Standards						
1) Pentafluorobenzene	5.550	168	115273	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	192399	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	174204	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	82207	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	82767	51.675	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.340%	
35) Dibromofluoromethane	5.385	113	66243	48.268	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.540%	
50) Toluene-d8	8.647	98	238498	49.977	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.960%	
62) 4-Bromofluorobenzene	11.079	95	93991	50.421	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.840%	
Target Compounds						
					Qvalue	
27) cis-1,2-Dichloroethene	4.495	96	5195	3.572	ug/l	91
44) Trichloroethene	7.122	130	49003	32.187	ug/l	99
64) Tetrachloroethene	9.274	164	4058	3.183	ug/l	94

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

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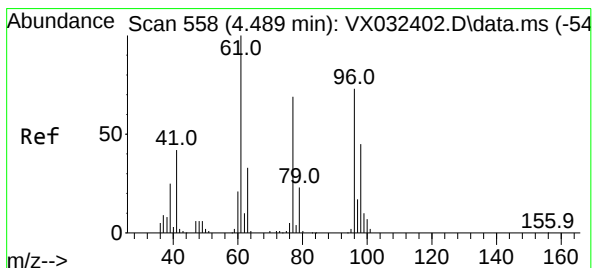
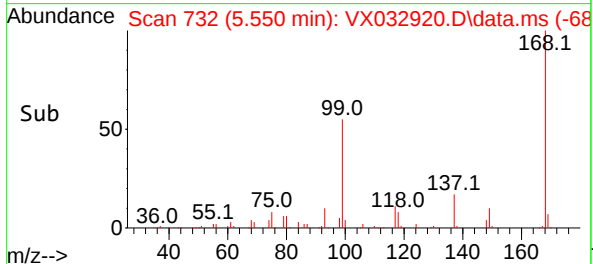
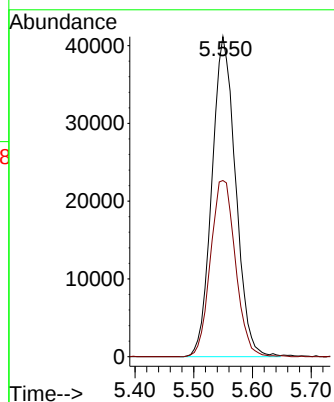
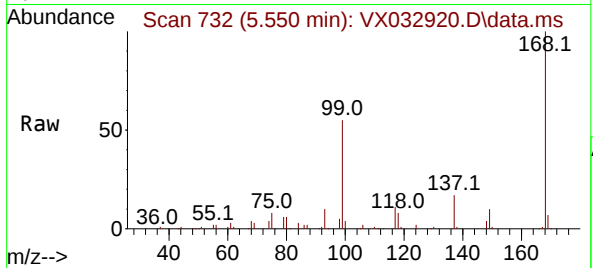




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032920.D
Acq: 18 Nov 2022 13:23

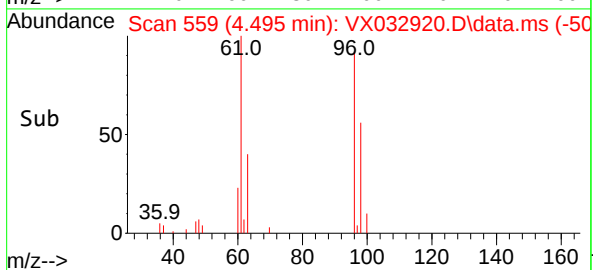
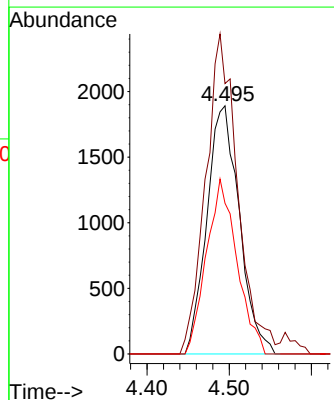
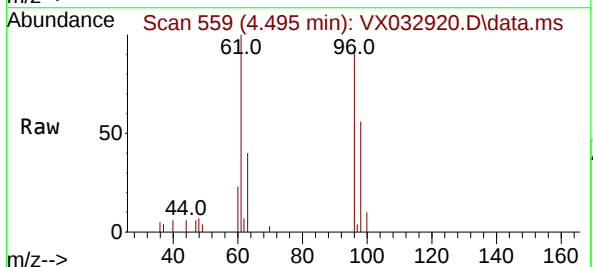
Instrument :
MSVOA_X
ClientSampleId :
MW179D2-20221115DL

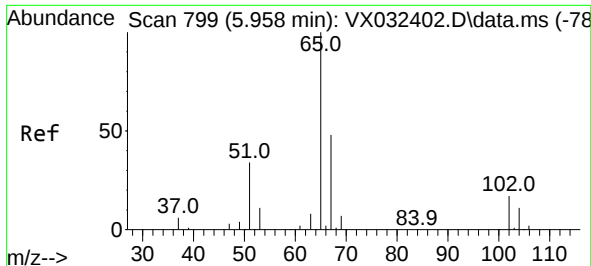
Tgt Ion:168 Resp: 115273
Ion Ratio Lower Upper
168 100
99 55.0 46.1 69.1



#27
cis-1,2-Dichloroethene
Concen: 3.572 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX032920.D
Acq: 18 Nov 2022 13:23

Tgt Ion: 96 Resp: 5195
Ion Ratio Lower Upper
96 100
61 127.2 0.0 286.0
98 66.1 0.0 129.6





#33

1,2-Dichloroethane-d4

Concen: 51.675 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX032920.D

Acq: 18 Nov 2022 13:23

Instrument :

MSVOA_X

ClientSampleId :

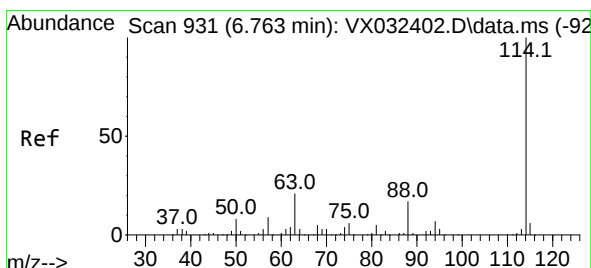
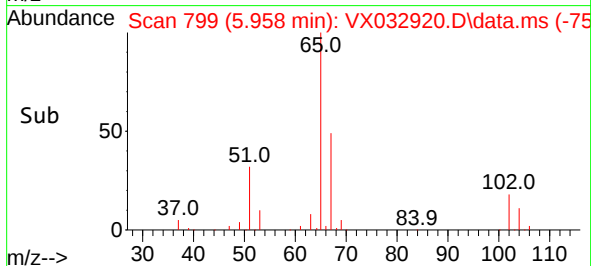
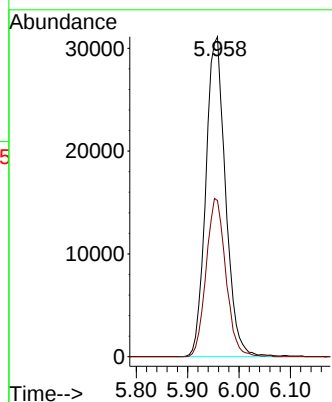
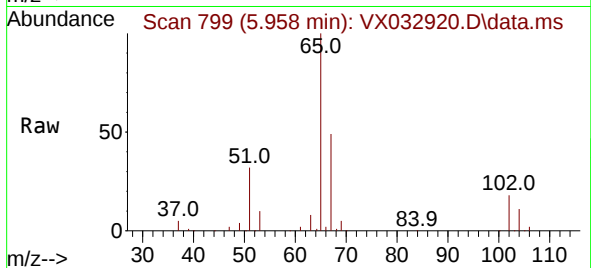
MW179D2-20221115DL

Tgt Ion: 65 Resp: 82767

Ion Ratio Lower Upper

65 100

67 49.5 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: VX032920.D

Acq: 18 Nov 2022 13:23

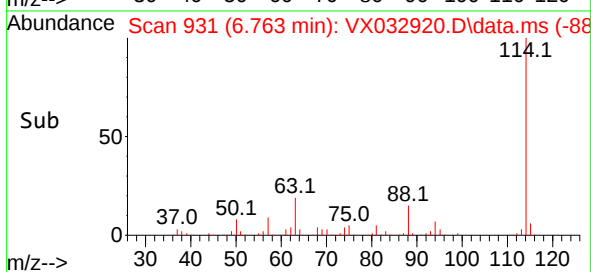
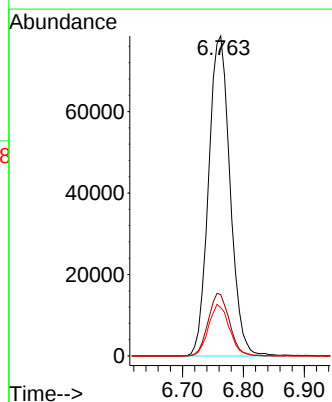
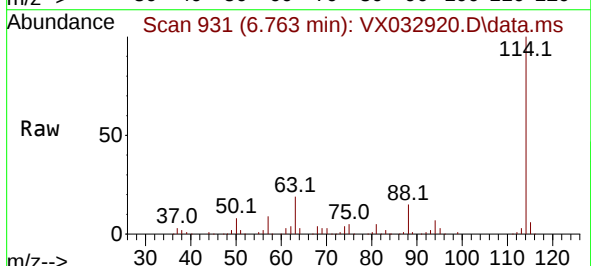
Tgt Ion: 114 Resp: 192399

Ion Ratio Lower Upper

114 100

63 19.2 0.0 41.6

88 15.1 0.0 33.4





#35

Dibromofluoromethane

Concen: 48.268 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX032920.D

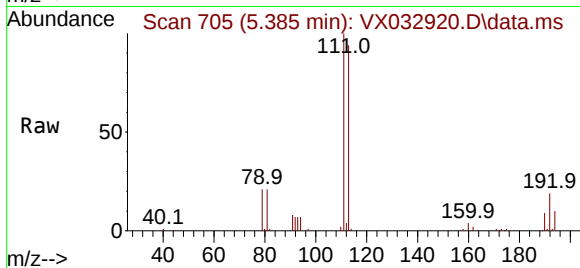
Acq: 18 Nov 2022 13:23

Instrument :

MSVOA_X

ClientSampleId :

MW179D2-20221115DL



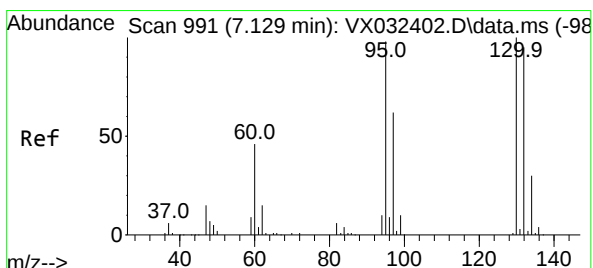
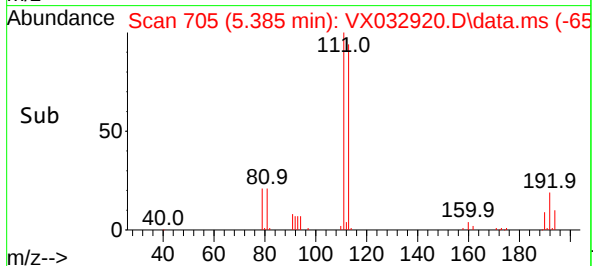
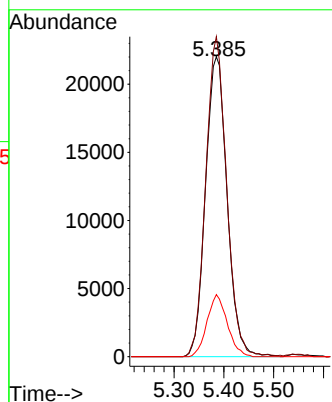
Tgt Ion:113 Resp: 66243

Ion Ratio Lower Upper

113 100

111 103.0 82.4 123.6

192 19.5 15.4 23.2



#44

Trichloroethene

Concen: 32.187 ug/l

RT: 7.122 min Scan# 990

Delta R.T. -0.006 min

Lab File: VX032920.D

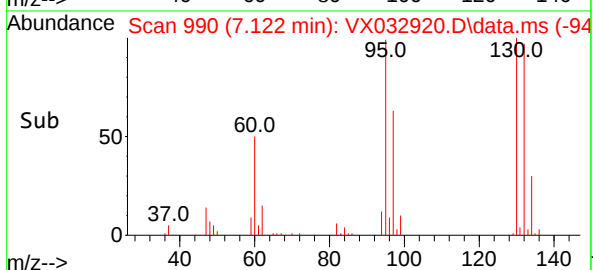
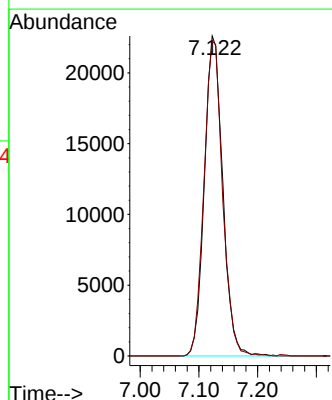
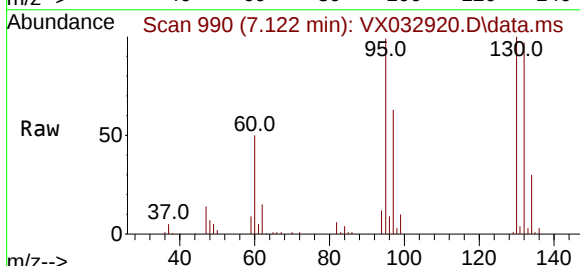
Acq: 18 Nov 2022 13:23

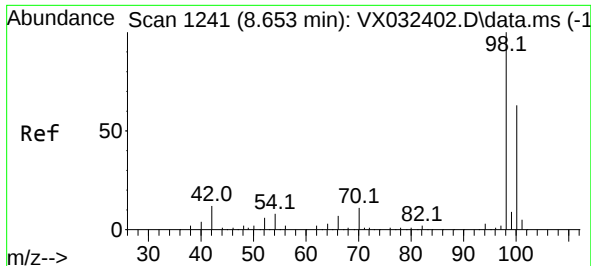
Tgt Ion:130 Resp: 49003

Ion Ratio Lower Upper

130 100

95 98.5 0.0 195.2

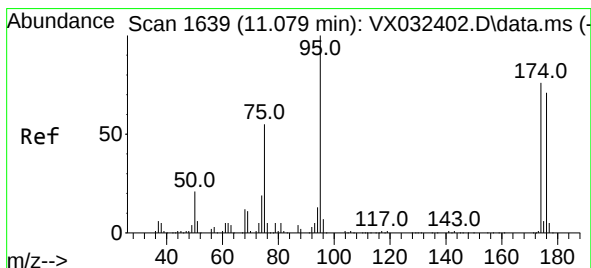
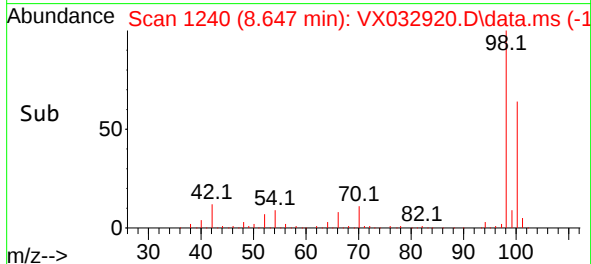
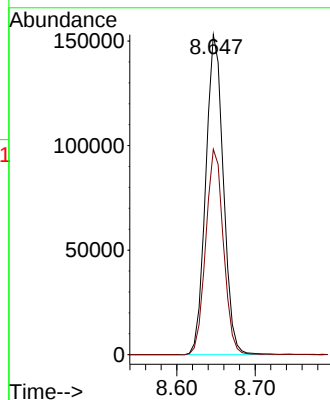
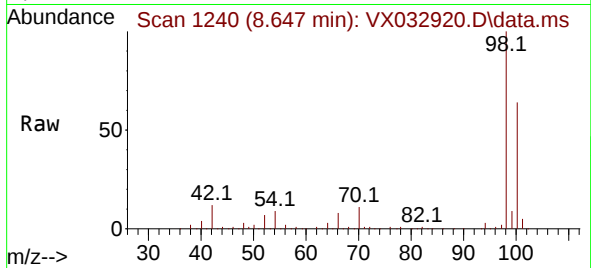




#50
Toluene-d8
Concen: 49.977 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032920.D
Acq: 18 Nov 2022 13:23

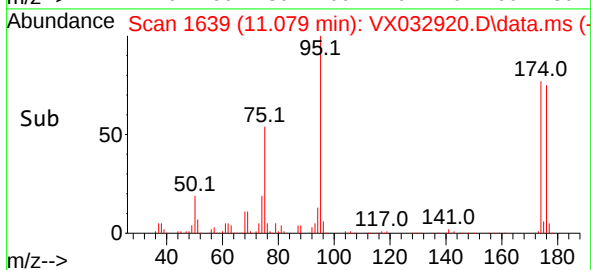
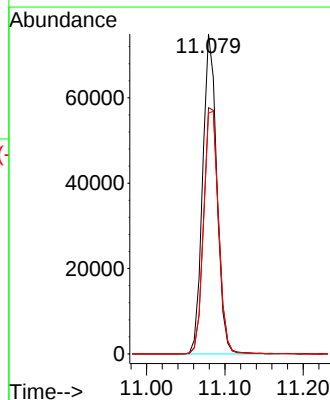
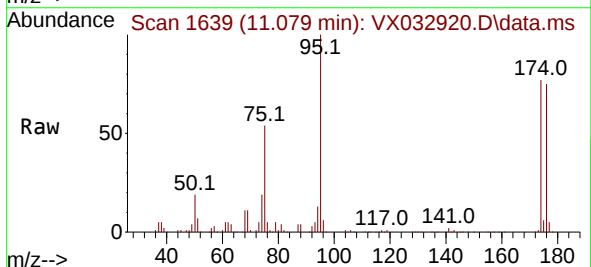
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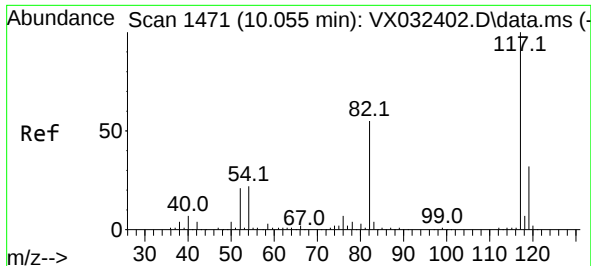
Tgt Ion: 98 Resp: 238498
Ion Ratio Lower Upper
98 100
100 64.5 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 50.421 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX032920.D
Acq: 18 Nov 2022 13:23

Tgt Ion: 95 Resp: 93991
Ion Ratio Lower Upper
95 100
174 81.1 0.0 164.0
176 79.7 0.0 154.4

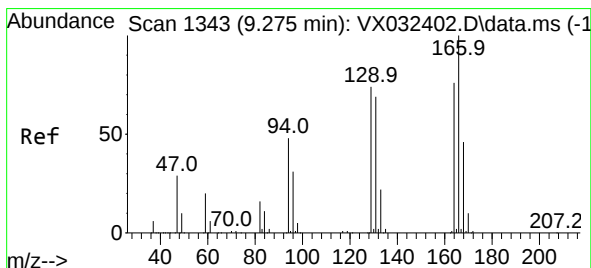
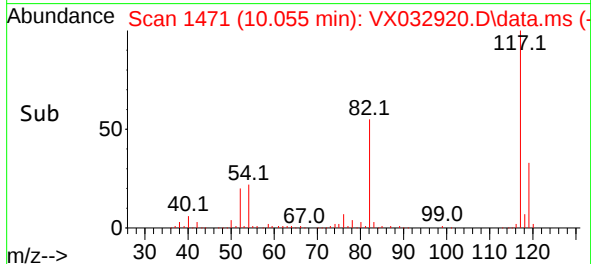
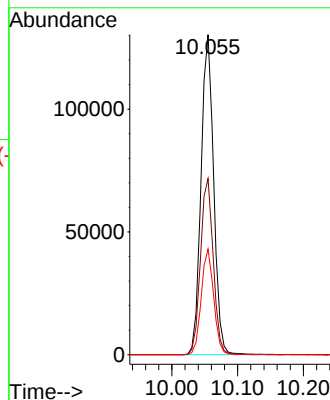
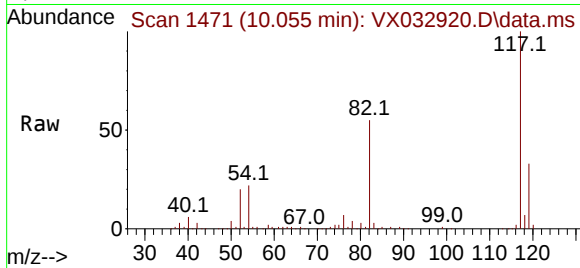




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032920.D
Acq: 18 Nov 2022 13:23

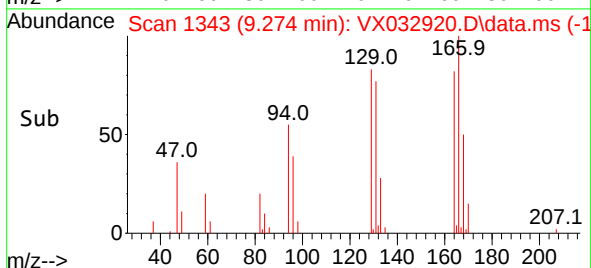
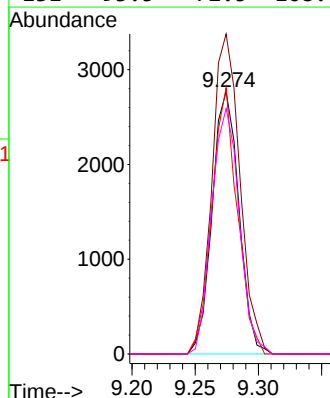
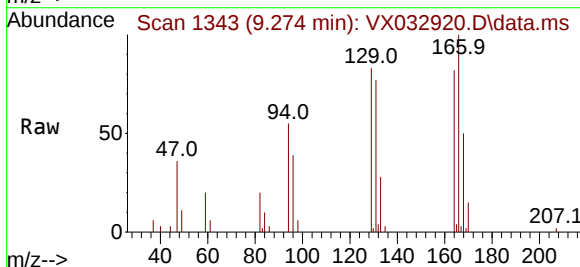
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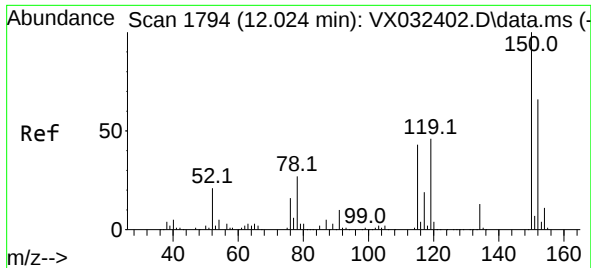
Tgt Ion:117 Resp: 174204
Ion Ratio Lower Upper
117 100
82 55.0 44.3 66.5
119 33.0 25.7 38.5



#64
Tetrachloroethene
Concen: 3.183 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX032920.D
Acq: 18 Nov 2022 13:23

Tgt Ion:164 Resp: 4058
Ion Ratio Lower Upper
164 100
166 121.9 105.4 158.2
129 101.4 78.2 117.2
131 93.5 72.5 108.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX032920.D

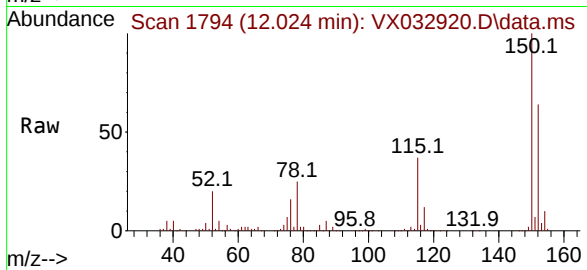
Acq: 18 Nov 2022 13:23

Instrument :

MSVOA_X

ClientSampleId :

MW179D2-20221115DL



Tgt Ion:152 Resp: 82207

Ion Ratio Lower Upper

152 100

115 59.8 44.0 132.0

150 158.0 0.0 351.8

