

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070723\
 Data File : VX036471.D
 Acq On : 07 Jul 2023 19:49
 Operator : JC/MD
 Sample : 03549-02 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 60102

Quant Time: Jul 07 23:10:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 15:03:28 2023
 Response via : Initial Calibration

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

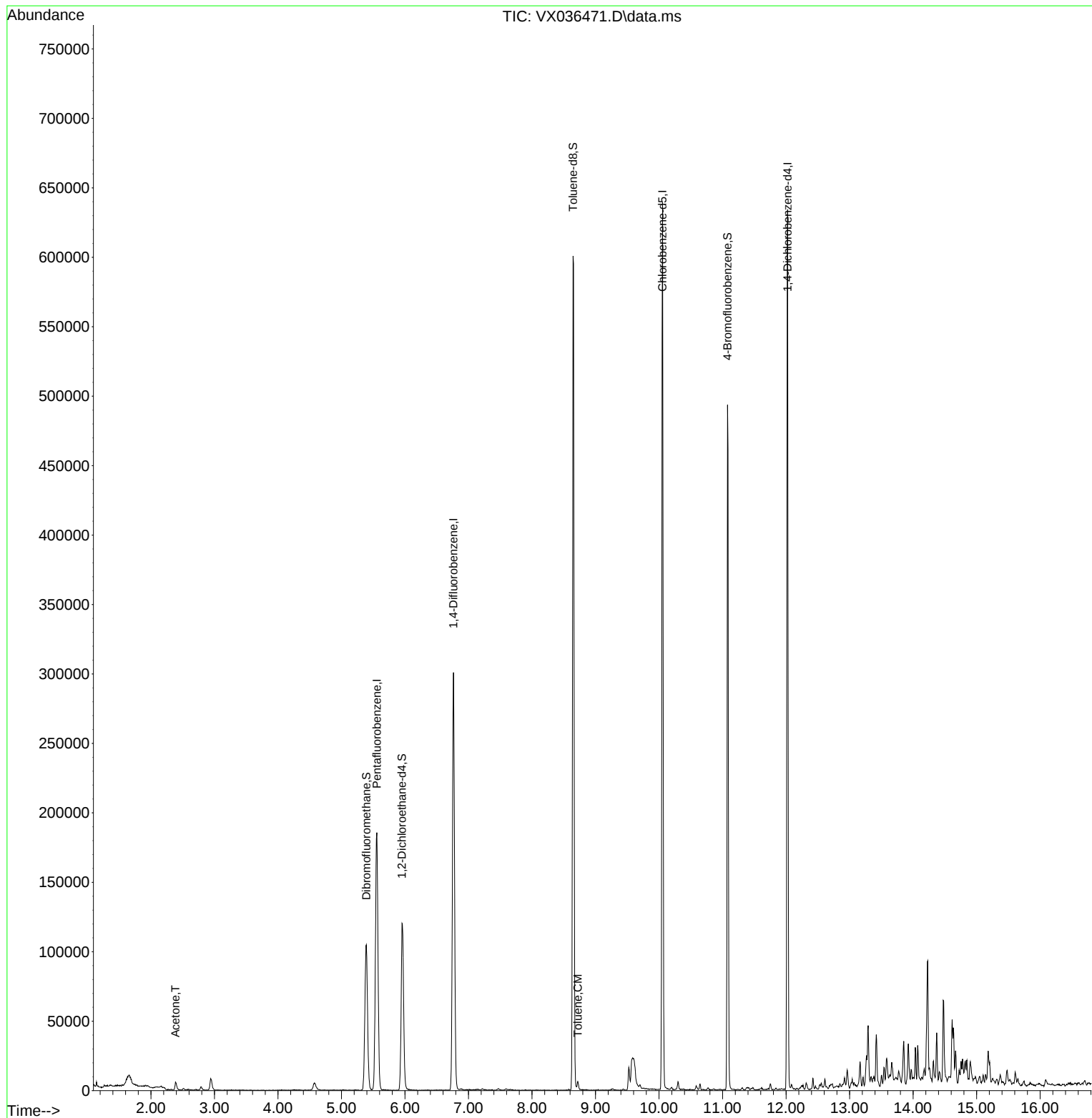
Internal Standards						
1) Pentafluorobenzene	5.556	168	173742	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	296602	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	277498	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	130929	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	115400	46.337	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.680%		
35) Dibromofluoromethane	5.391	113	92582	47.339	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.680%		
50) Toluene-d8	8.647	98	363957	49.826	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.660%		
62) 4-Bromofluorobenzene	11.079	95	131562	51.133	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.260%		
Target Compounds						
16) Acetone	2.386	43	6736	6.328	ug/l	98
52) Toluene	8.720	92	2134	0.413	ug/l	95

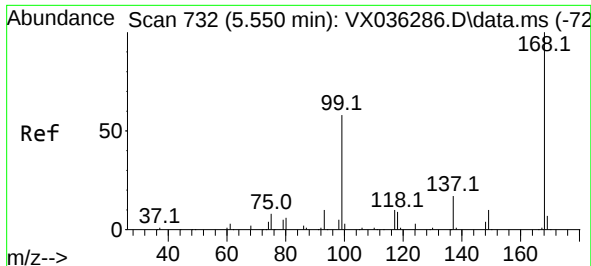
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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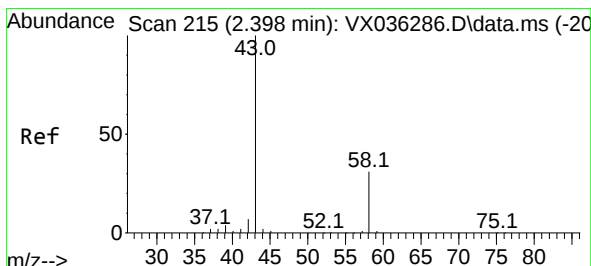
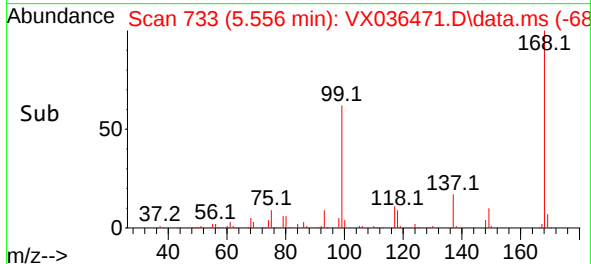
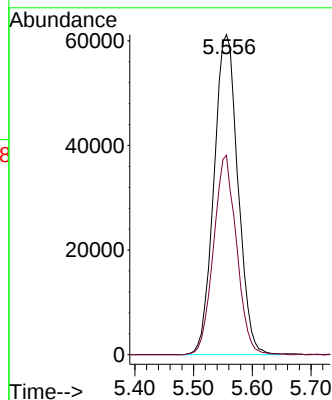
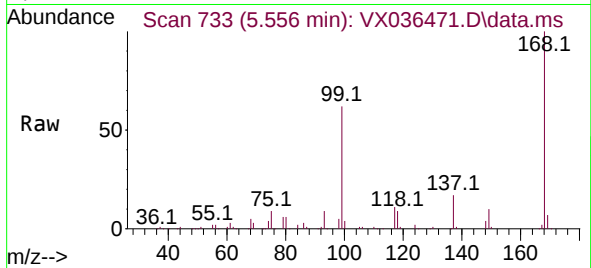




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX036471.D
Acq: 07 Jul 2023 19:49

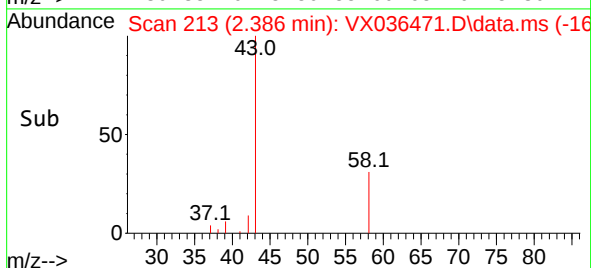
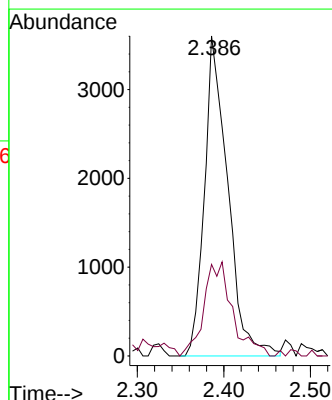
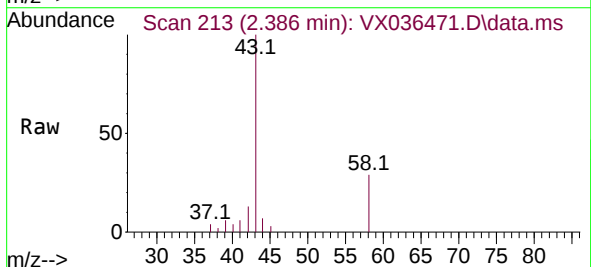
Instrument :
MSVOA_X
ClientSampleId :
60102

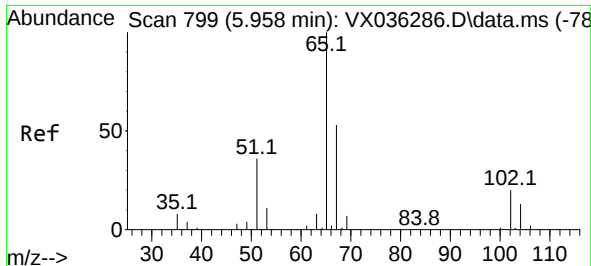
Tgt Ion:168 Resp: 173742
Ion Ratio Lower Upper
168 100
99 62.3 56.6 85.0



#16
Acetone
Concen: 6.328 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.018 min
Lab File: VX036471.D
Acq: 07 Jul 2023 19:49

Tgt Ion: 43 Resp: 6736
Ion Ratio Lower Upper
43 100
58 28.6 21.9 32.9





#33

1,2-Dichloroethane-d4

Concen: 46.337 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX036471.D

Acq: 07 Jul 2023 19:49

Instrument :

MSVOA_X

ClientSampleId :

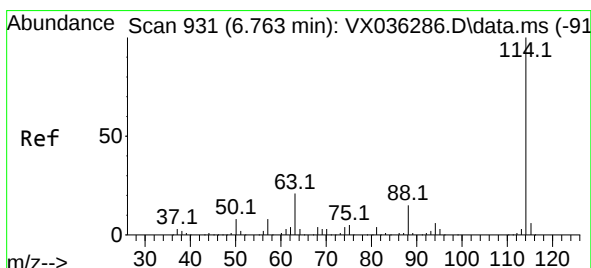
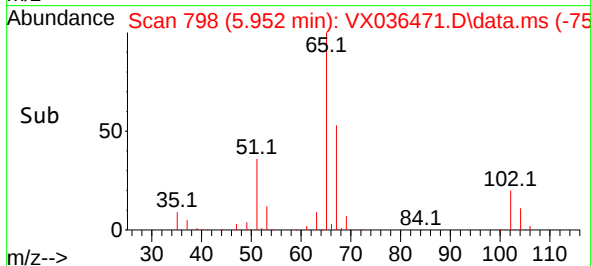
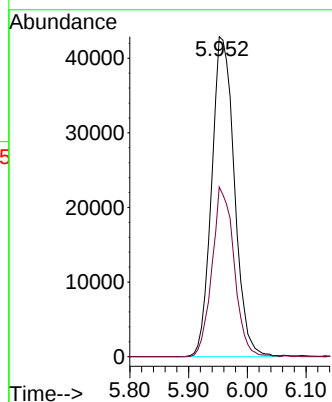
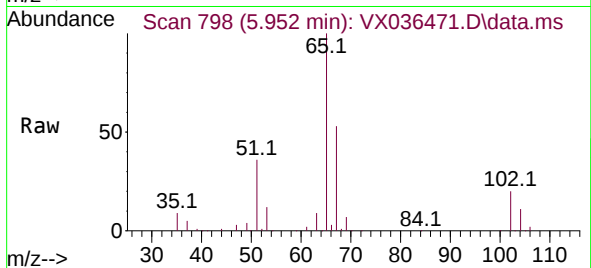
60102

Tgt Ion: 65 Resp: 115400

Ion Ratio Lower Upper

65 100

67 51.4 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX036471.D

Acq: 07 Jul 2023 19:49

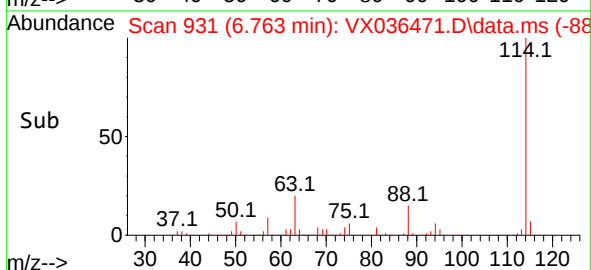
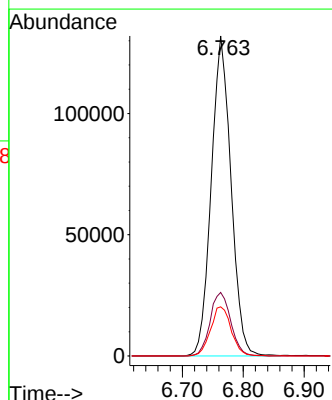
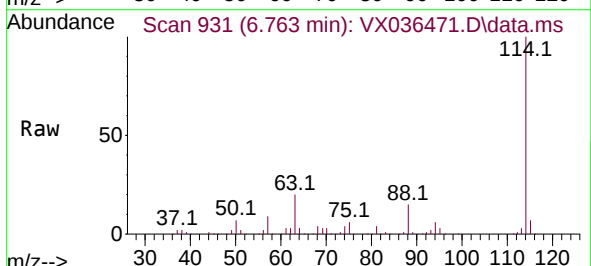
Tgt Ion: 114 Resp: 296602

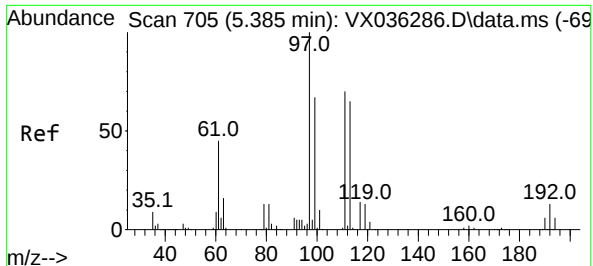
Ion Ratio Lower Upper

114 100

63 19.9 0.0 45.0

88 15.3 0.0 36.6





#35

Dibromofluoromethane

Concen: 47.339 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX036471.D

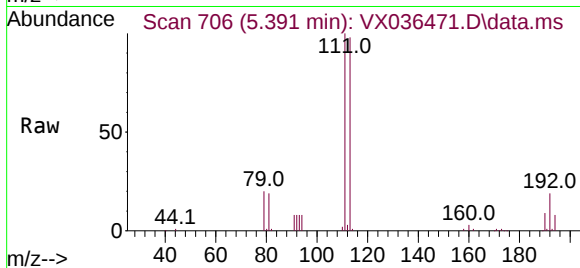
Acq: 07 Jul 2023 19:49

Instrument :

MSVOA_X

ClientSampleId :

60102



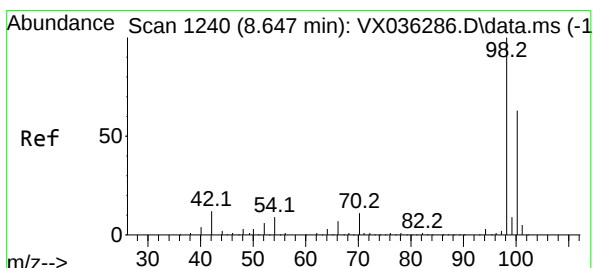
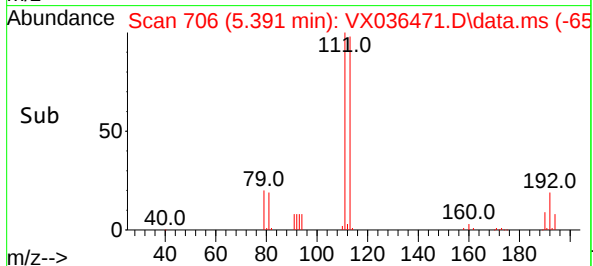
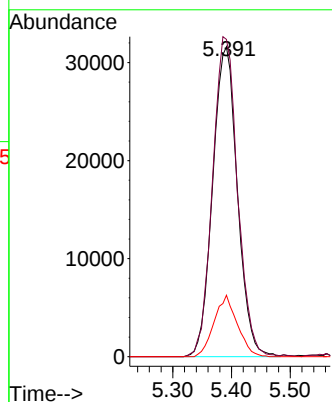
Tgt Ion:113 Resp: 92582

Ion Ratio Lower Upper

113 100

111 104.0 82.9 124.3

192 18.6 13.3 19.9



#50

Toluene-d8

Concen: 49.826 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.001 min

Lab File: VX036471.D

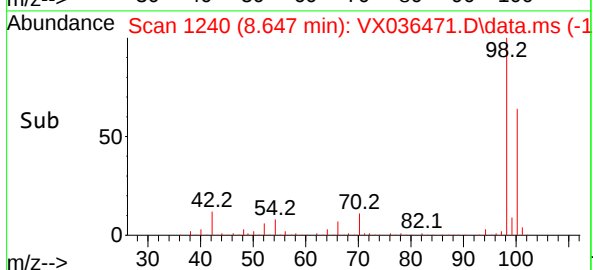
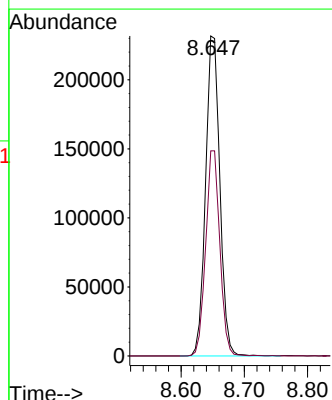
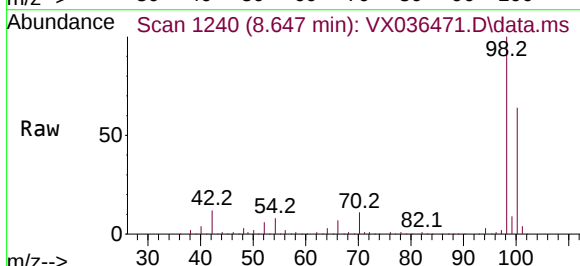
Acq: 07 Jul 2023 19:49

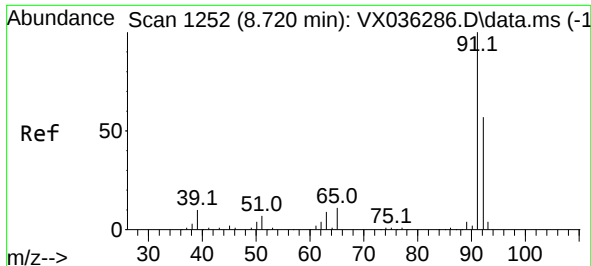
Tgt Ion: 98 Resp: 363957

Ion Ratio Lower Upper

98 100

100 63.6 53.1 79.7

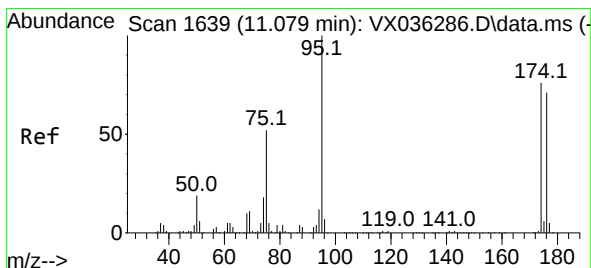
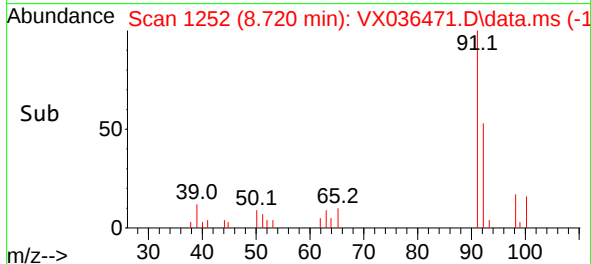
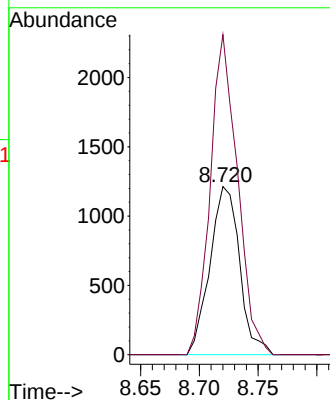
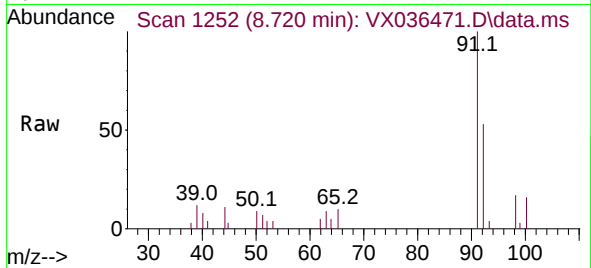




#52
Toluene
Concen: 0.413 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036471.D
Acq: 07 Jul 2023 19:49

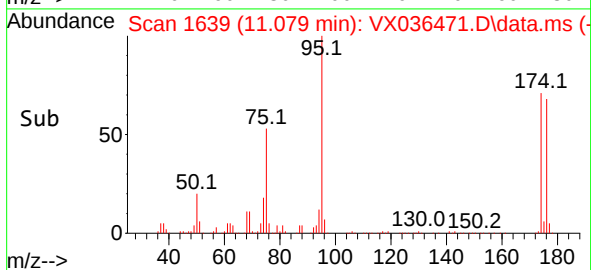
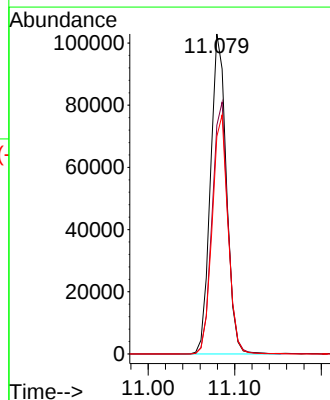
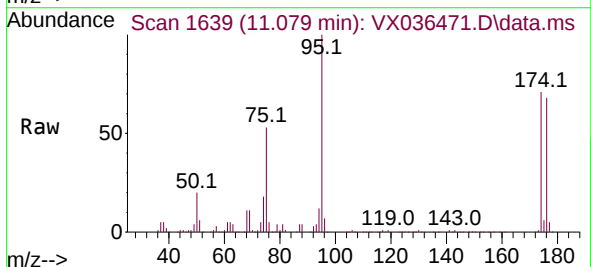
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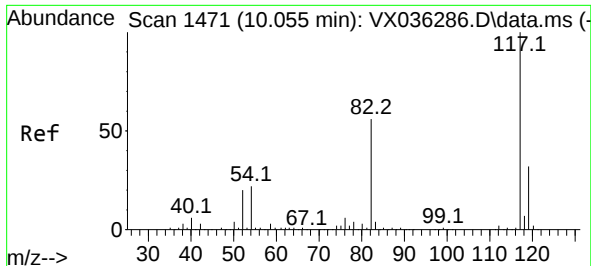
Tgt Ion: 92 Resp: 2134
Ion Ratio Lower Upper
92 100
91 175.0 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 51.133 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036471.D
Acq: 07 Jul 2023 19:49

Tgt Ion: 95 Resp: 131562
Ion Ratio Lower Upper
95 100
174 77.9 0.0 135.6
176 74.1 0.0 131.0

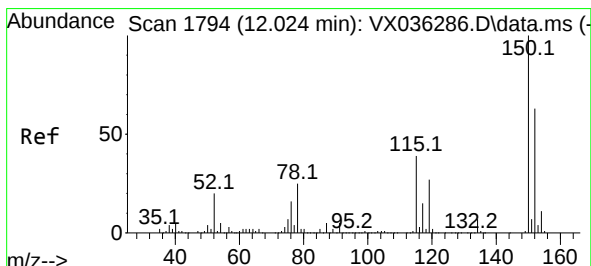
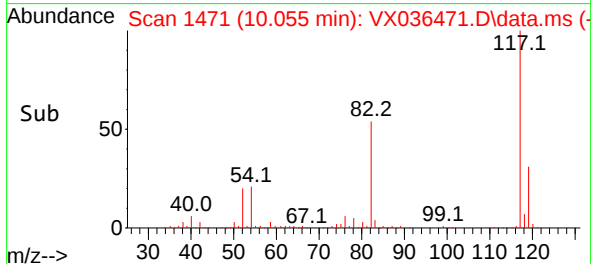
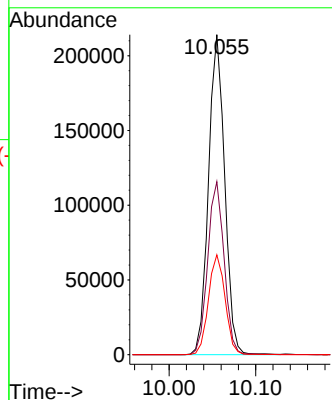
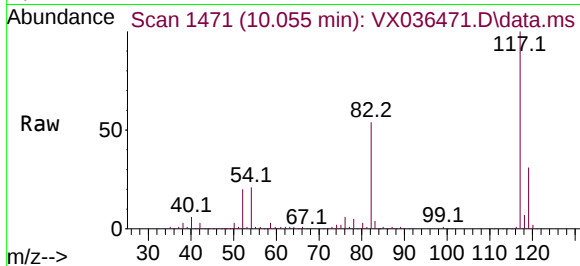




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036471.D
Acq: 07 Jul 2023 19:49

Instrument :
MSVOA_X
ClientSampleId :
60102

Tgt Ion:117 Resp: 277498
Ion Ratio Lower Upper
117 100
82 54.1 46.2 69.4
119 31.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX036471.D
Acq: 07 Jul 2023 19:49

Tgt Ion:152 Resp: 130929
Ion Ratio Lower Upper
152 100
115 60.6 43.3 129.9
150 156.6 0.0 345.0

