

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111622\
 Data File : VX032884.D
 Acq On : 16 Nov 2022 21:25
 Operator : JC/MD
 Sample : N5650-03 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 34267

Quant Time: Nov 17 08:33:22 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)

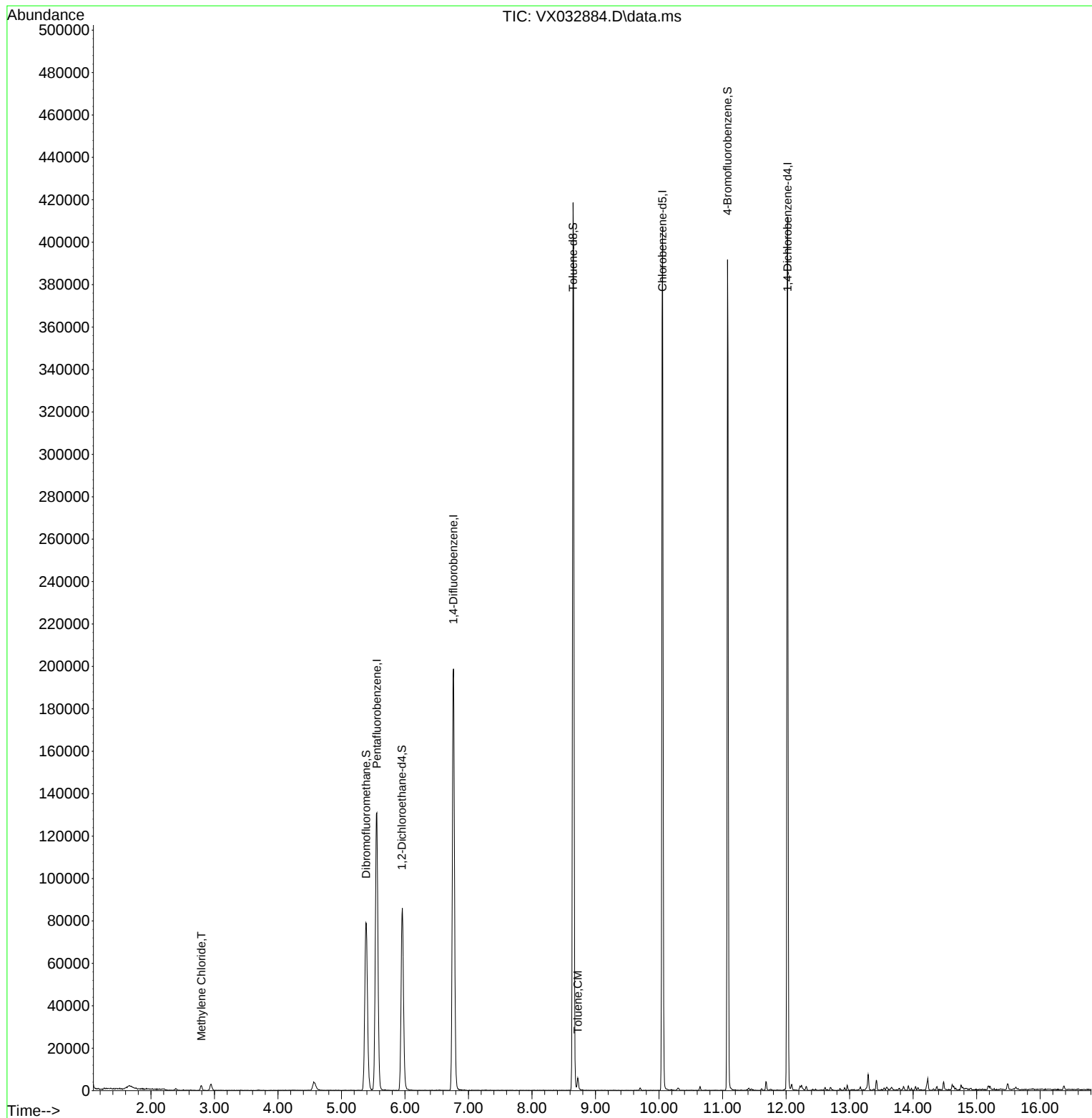
Internal Standards						
1) Pentafluorobenzene	5.556	168	124801	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	205950	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	182586	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86855	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	87129	50.245	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	100.500%
35) Dibromofluoromethane	5.385	113	69636	47.402	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.800%
50) Toluene-d8	8.647	98	252761	49.481	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.960%
62) 4-Bromofluorobenzene	11.079	95	98583	49.405	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.820%
Target Compounds						Qvalue
20) Methylene Chloride	2.794	84	1070	0.740	ug/l #	83
52) Toluene	8.720	92	2198	0.582	ug/l	97

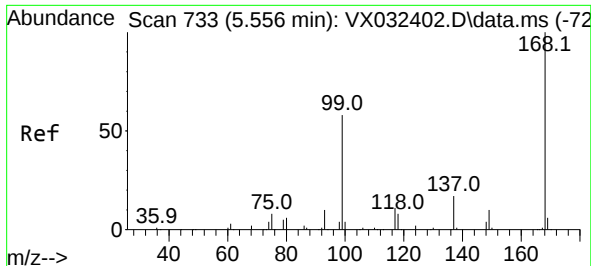
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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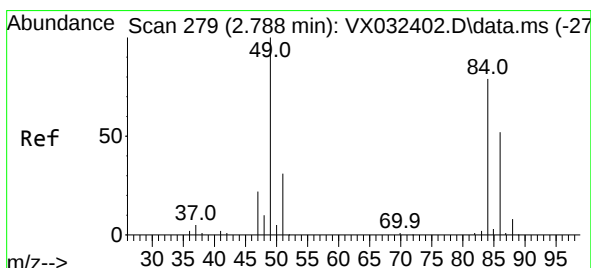
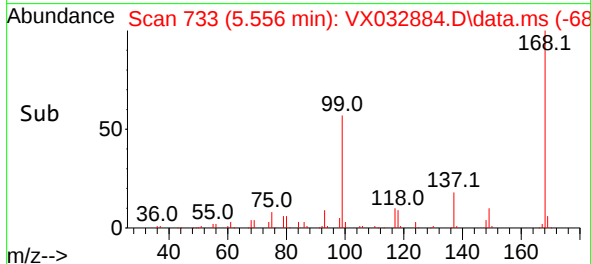
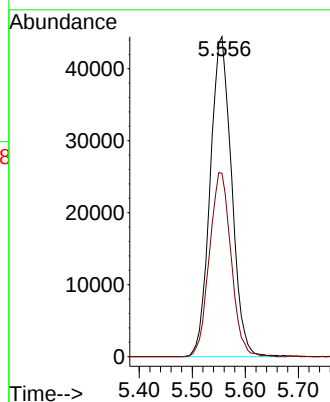
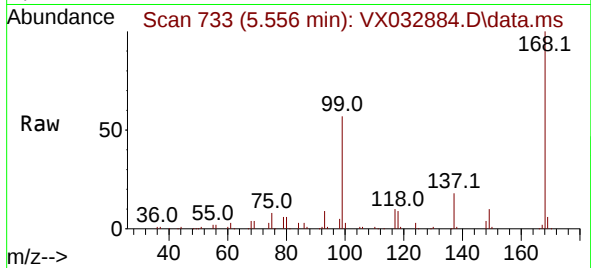




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032884.D
Acq: 16 Nov 2022 21:25

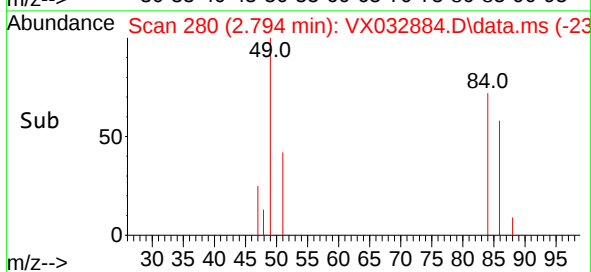
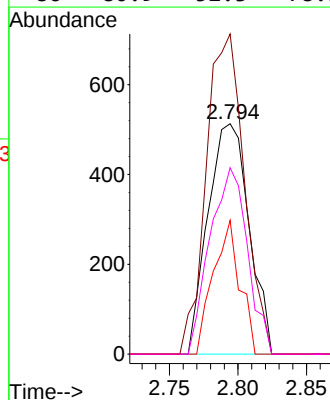
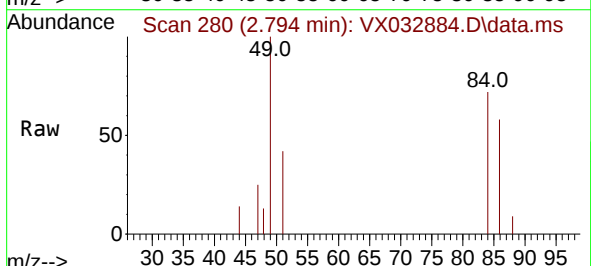
Instrument :
MSVOA_X
ClientSampleId :
34267

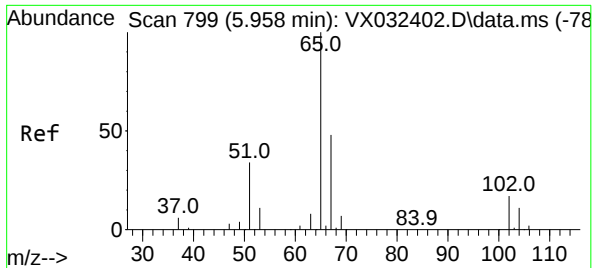
Tgt Ion:168 Resp: 124801
Ion Ratio Lower Upper
168 100
99 57.3 46.1 69.1



#20
Methylene Chloride
Concen: 0.740 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX032884.D
Acq: 16 Nov 2022 21:25

Tgt Ion: 84 Resp: 1070
Ion Ratio Lower Upper
84 100
49 139.0 101.0 151.6
51 58.1 31.1 46.7#
86 80.9 52.3 78.5#





#33

1,2-Dichloroethane-d4

Concen: 50.245 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX032884.D

Acq: 16 Nov 2022 21:25

Instrument :

MSVOA_X

ClientSampleId :

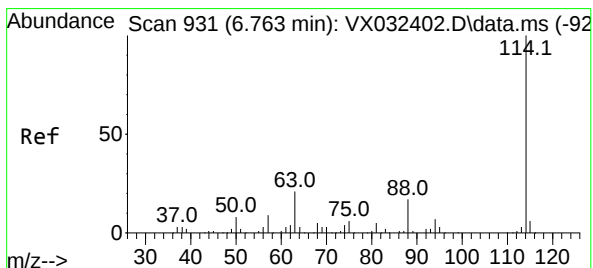
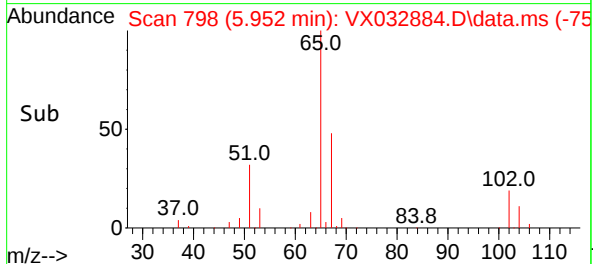
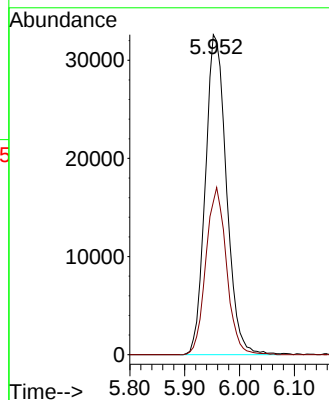
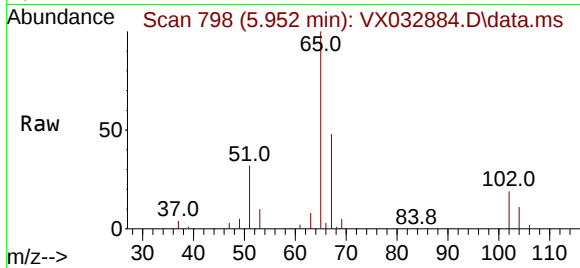
34267

Tgt Ion: 65 Resp: 87129

Ion Ratio Lower Upper

65 100

67 51.0 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: VX032884.D

Acq: 16 Nov 2022 21:25

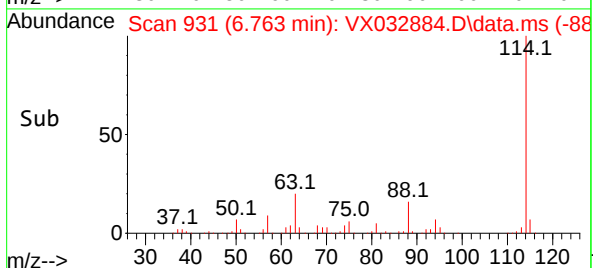
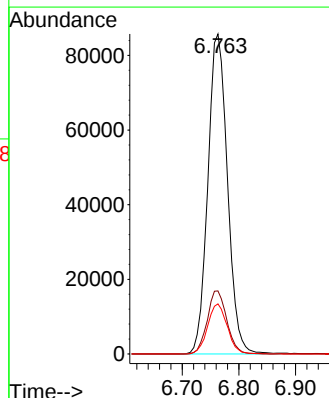
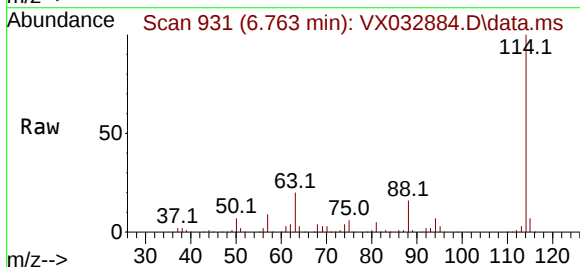
Tgt Ion: 114 Resp: 205950

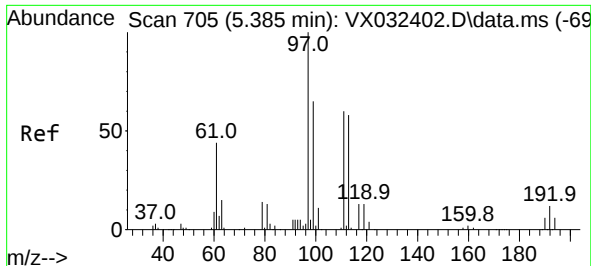
Ion Ratio Lower Upper

114 100

63 19.7 0.0 41.6

88 15.7 0.0 33.4

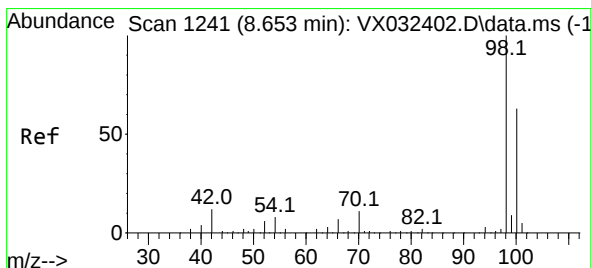
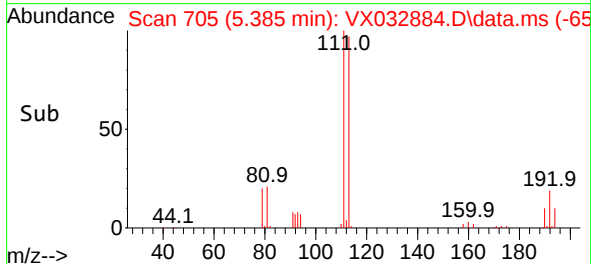
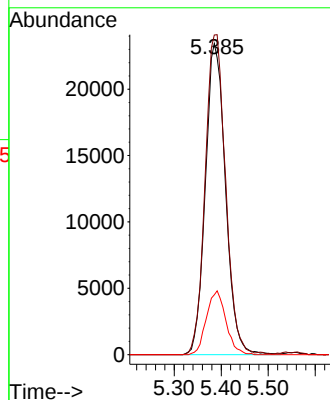
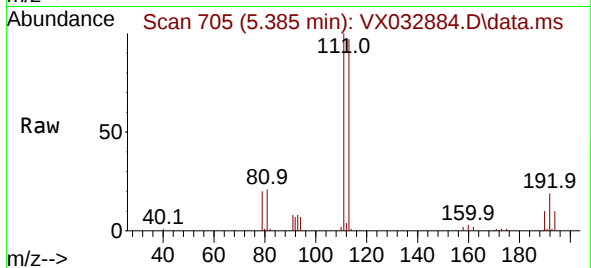




#35
Dibromofluoromethane
Concen: 47.402 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032884.D
Acq: 16 Nov 2022 21:25

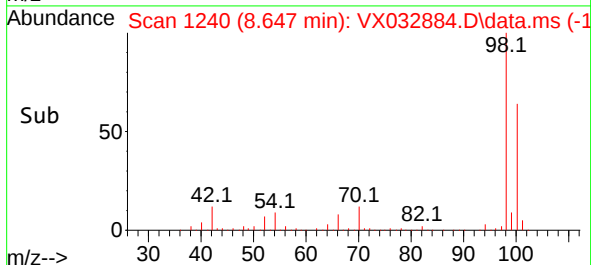
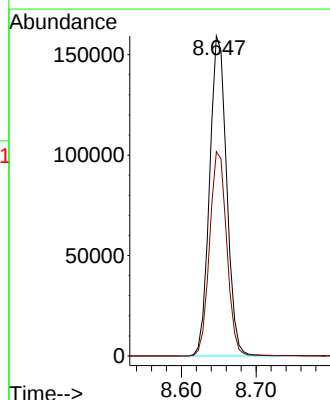
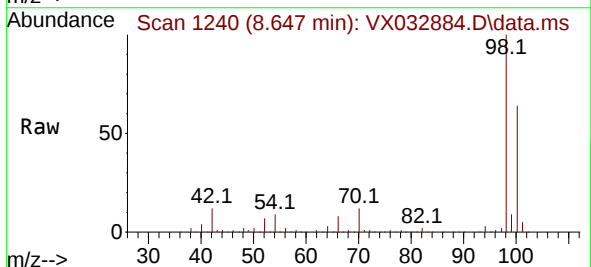
Instrument :
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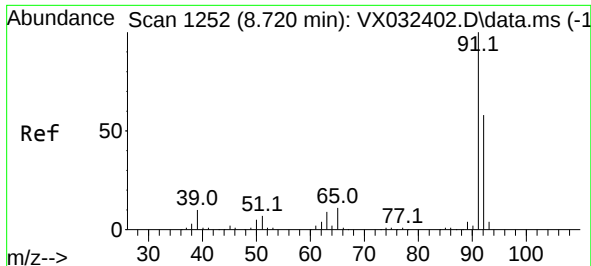
Tgt Ion:113 Resp: 69636
Ion Ratio Lower Upper
113 100
111 104.3 82.4 123.6
192 19.9 15.4 23.2



#50
Toluene-d8
Concen: 49.481 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032884.D
Acq: 16 Nov 2022 21:25

Tgt Ion: 98 Resp: 252761
Ion Ratio Lower Upper
98 100
100 64.4 50.9 76.3

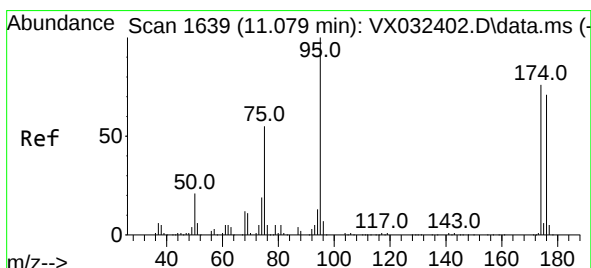
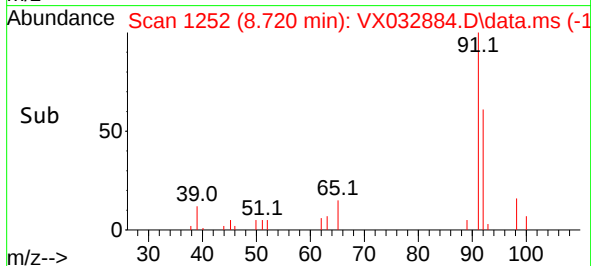
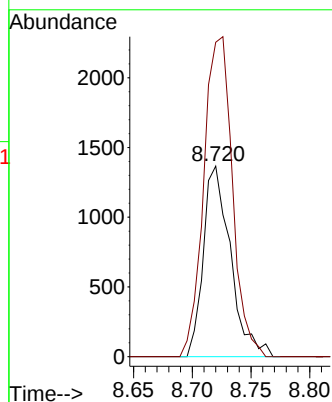
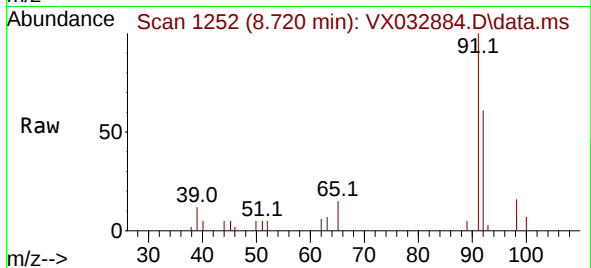




#52
Toluene
Concen: 0.582 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032884.D
Acq: 16 Nov 2022 21:25

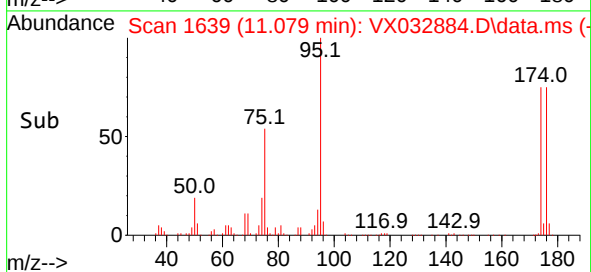
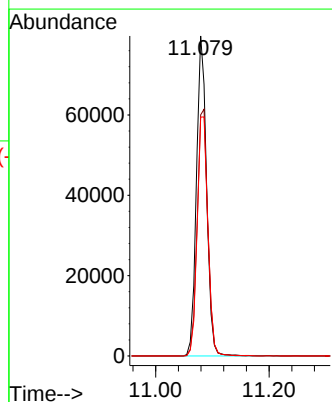
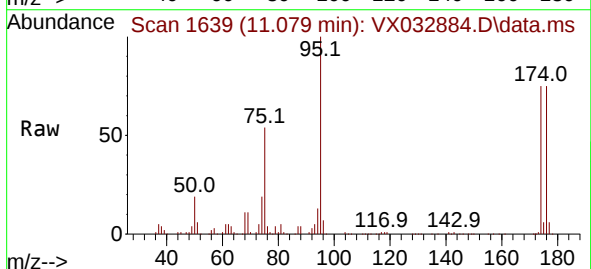
Instrument :
MSVOA_X
ClientSampleId :
34267

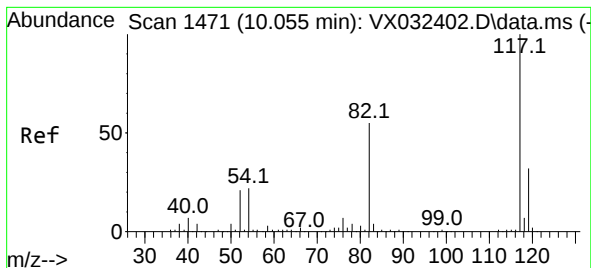
Tgt Ion: 92 Resp: 2198
Ion Ratio Lower Upper
92 100
91 177.2 138.3 207.5



#62
4-Bromofluorobenzene
Concen: 49.405 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032884.D
Acq: 16 Nov 2022 21:25

Tgt Ion: 95 Resp: 98583
Ion Ratio Lower Upper
95 100
174 81.1 0.0 164.0
176 79.3 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: VX032884.D

Acq: 16 Nov 2022 21:25

Instrument :

MSVOA_X

ClientSampleId :

34267

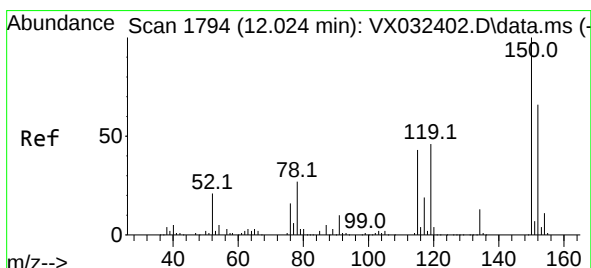
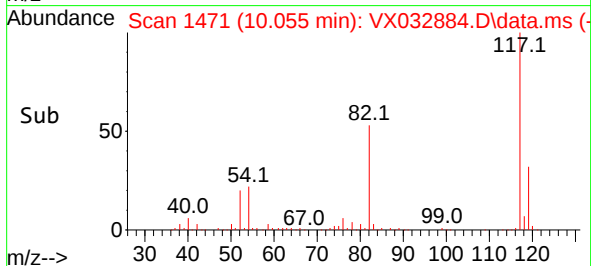
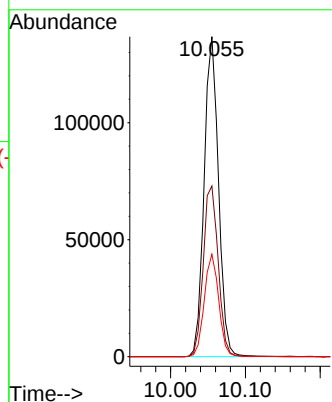
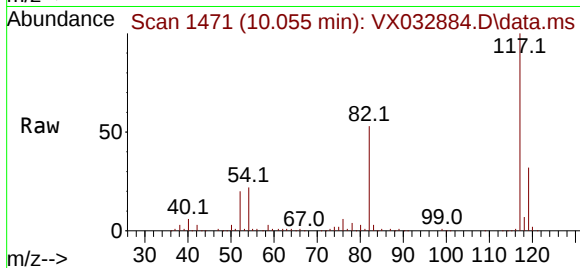
Tgt Ion:117 Resp: 182586

Ion Ratio Lower Upper

117 100

82 53.4 44.3 66.5

119 32.0 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX032884.D

Acq: 16 Nov 2022 21:25

Tgt Ion:152 Resp: 86855

Ion Ratio Lower Upper

152 100

115 60.0 44.0 132.0

150 155.4 0.0 351.8

