

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010224\
 Data File : VX039578.D
 Acq On : 02 Jan 2024 17:39
 Operator : JC/MD
 Sample : P1002-03 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1211

Quant Time: Jan 03 04:16:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

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

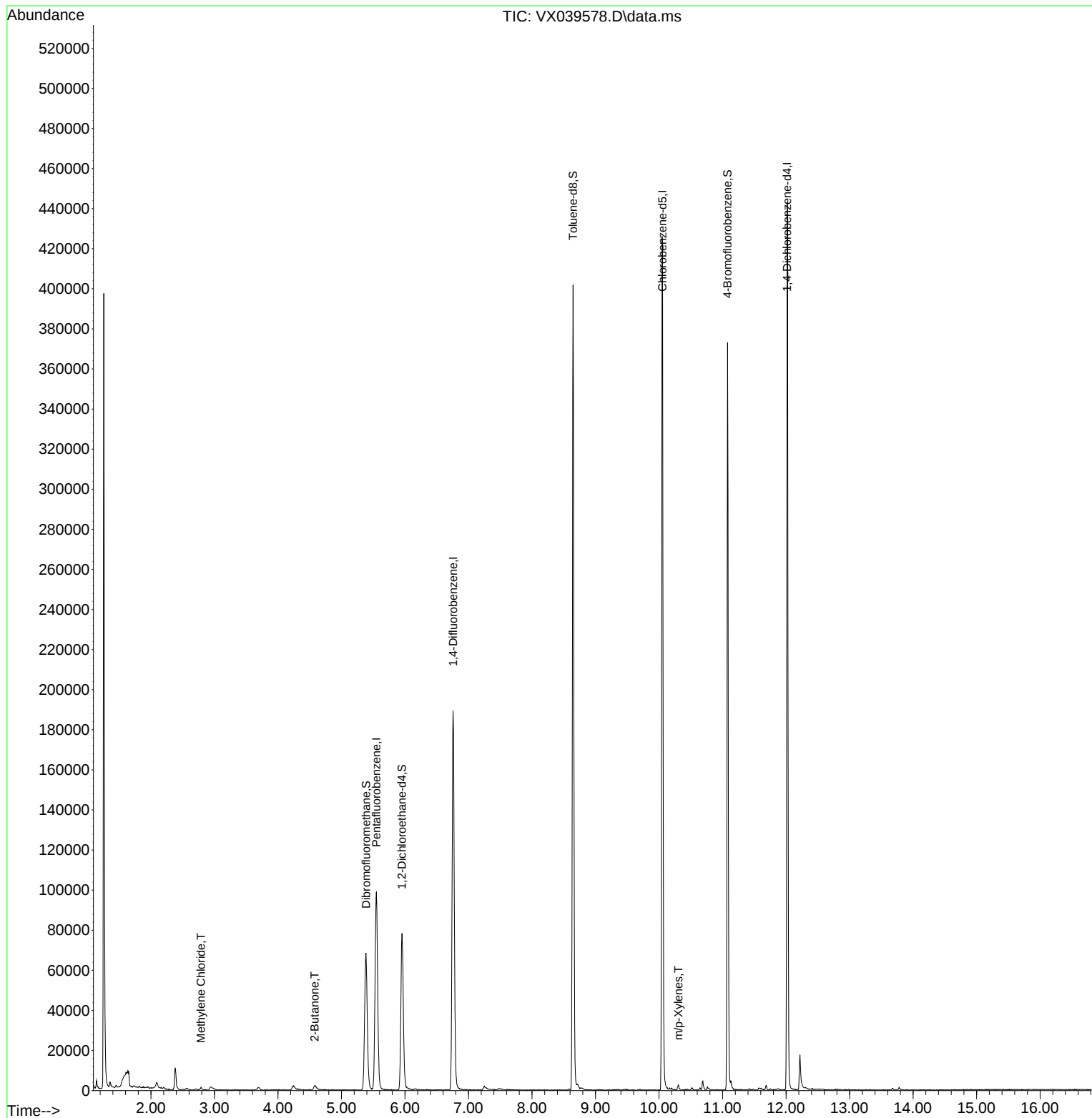
Internal Standards						
1) Pentafluorobenzene	5.550	168	86925	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	185176	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	188258	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	82763	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	76533	48.061	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.120%
35) Dibromofluoromethane	5.385	113	60369	47.190	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.380%
50) Toluene-d8	8.647	98	232363	48.925	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.840%
62) 4-Bromofluorobenzene	11.079	95	99300	50.674	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.340%
Target Compounds						
					Qvalue	
20) Methylene Chloride	2.788	84	574	0.432	ug/l	87
25) 2-Butanone	4.574	43	4757	3.462	ug/l	91
68) m/p-Xylenes	10.305	106	697	0.254	ug/l	98

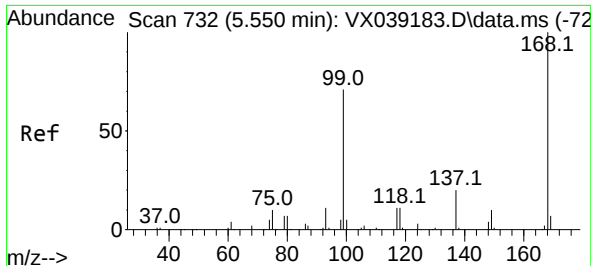
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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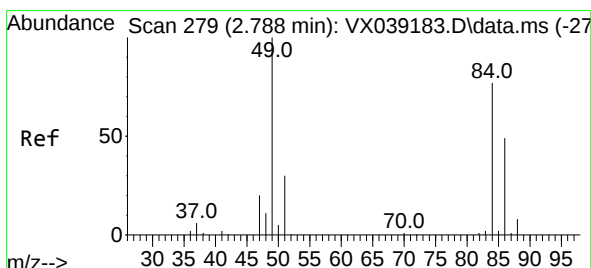
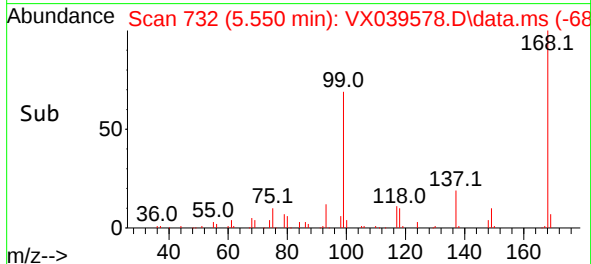
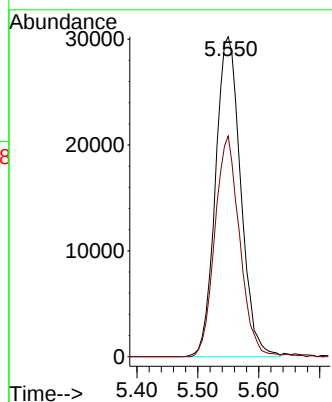
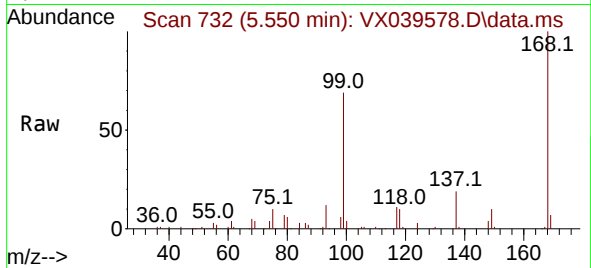




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.000 min
Lab File: VX039578.D
Acq: 02 Jan 2024 17:39

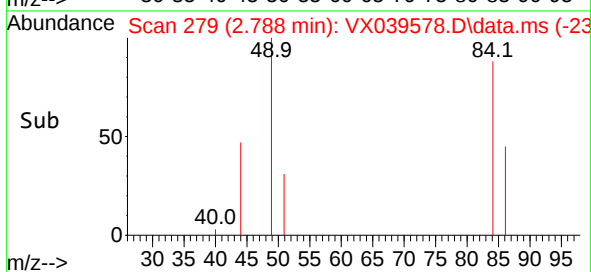
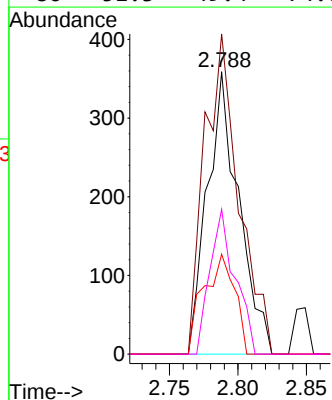
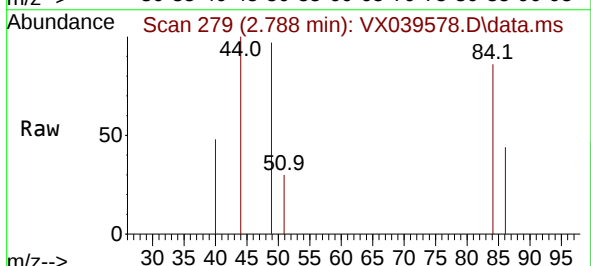
Instrument :
MSVOA_X
ClientSampleId :
1211

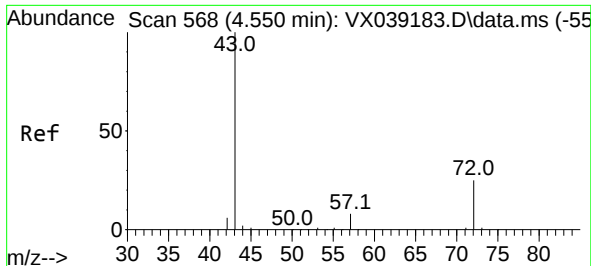
Tgt Ion:168 Resp: 86925
Ion Ratio Lower Upper
168 100
99 68.9 56.6 85.0



#20
Methylene Chloride
Concen: 0.432 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX039578.D
Acq: 02 Jan 2024 17:39

Tgt Ion: 84 Resp: 574
Ion Ratio Lower Upper
84 100
49 113.4 103.6 155.4
51 35.4 33.8 50.6
86 51.3 49.4 74.0





#25

2-Butanone

Concen: 3.462 ug/l

RT: 4.574 min Scan# 51

Delta R.T. 0.025 min

Lab File: VX039578.D

Acq: 02 Jan 2024 17:39

Instrument :

MSVOA_X

ClientSampleId :

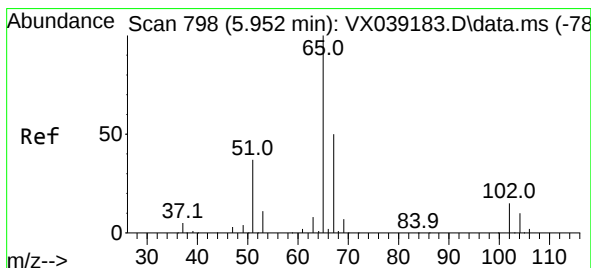
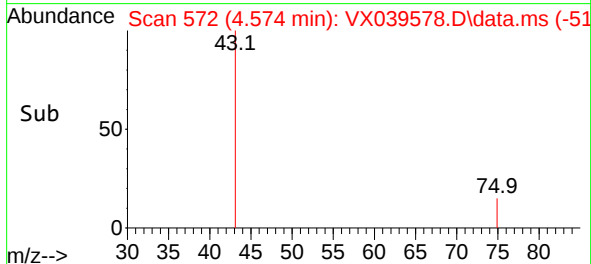
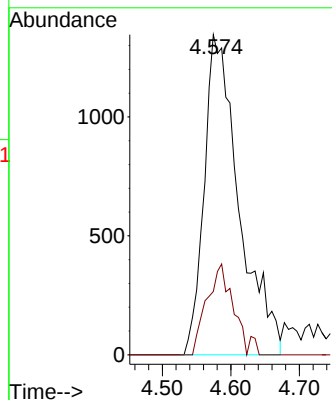
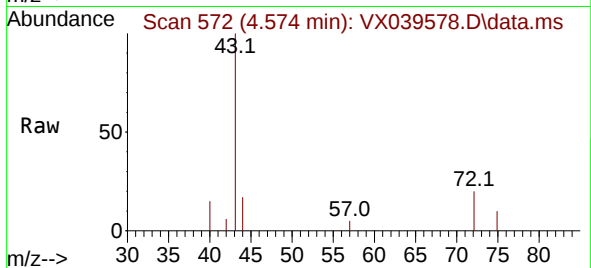
1211

Tgt Ion: 43 Resp: 4757

Ion Ratio Lower Upper

43 100

72 19.8 19.4 29.2



#33

1,2-Dichloroethane-d4

Concen: 48.061 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX039578.D

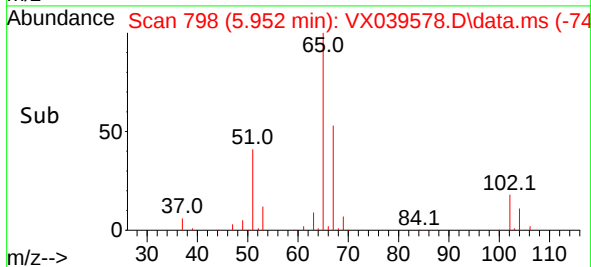
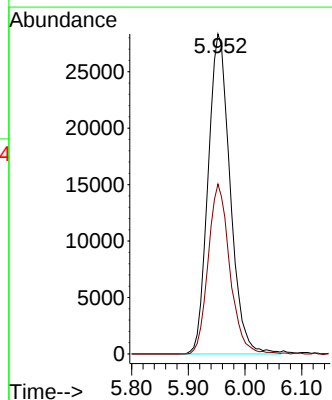
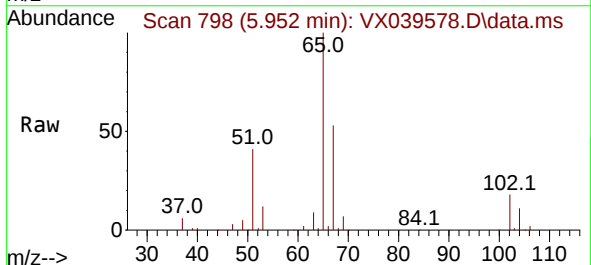
Acq: 02 Jan 2024 17:39

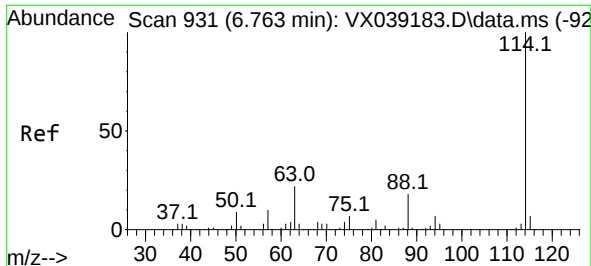
Tgt Ion: 65 Resp: 76533

Ion Ratio Lower Upper

65 100

67 52.0 0.0 100.2

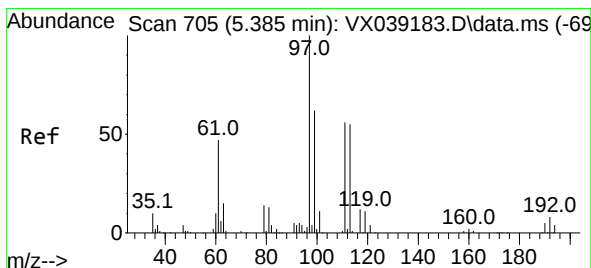
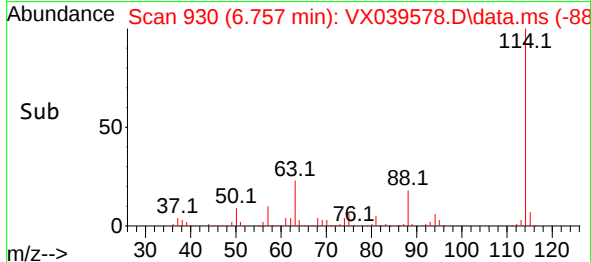
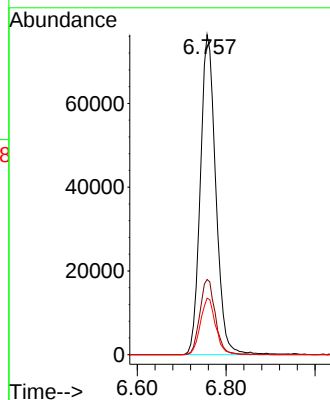
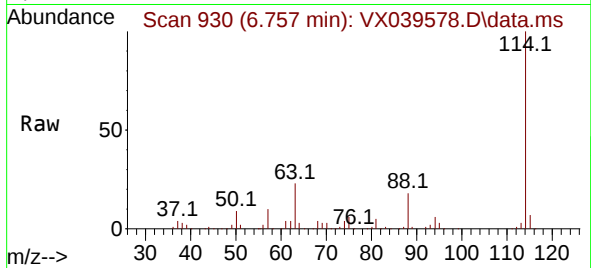




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. -0.006 min
Lab File: VX039578.D
Acq: 02 Jan 2024 17:39

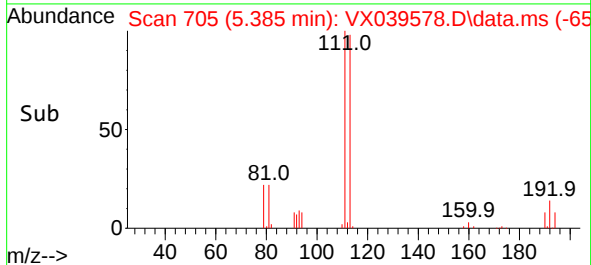
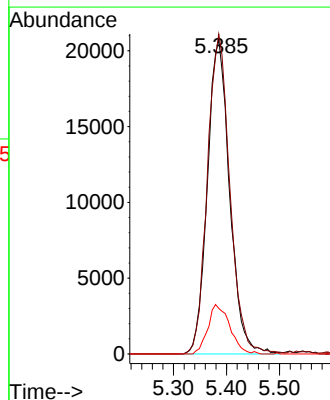
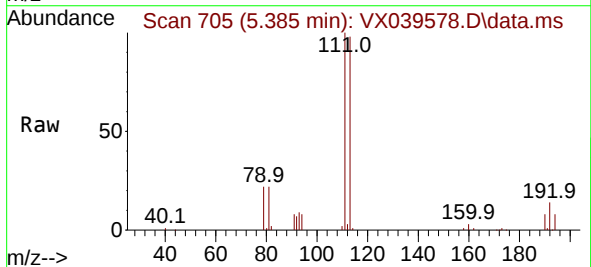
Instrument :
MSVOA_X
ClientSampleId :
1211

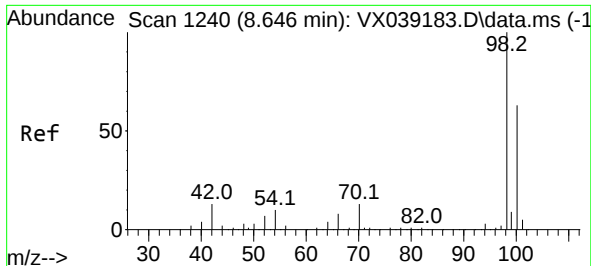
Tgt Ion:114 Resp: 185176
Ion Ratio Lower Upper
114 100
63 23.5 0.0 45.0
88 17.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.190 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039578.D
Acq: 02 Jan 2024 17:39

Tgt Ion:113 Resp: 60369
Ion Ratio Lower Upper
113 100
111 103.0 82.9 124.3
192 15.6 13.3 19.9

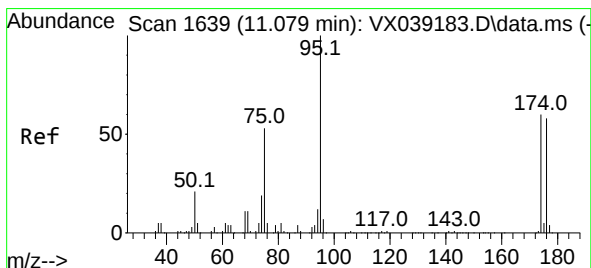
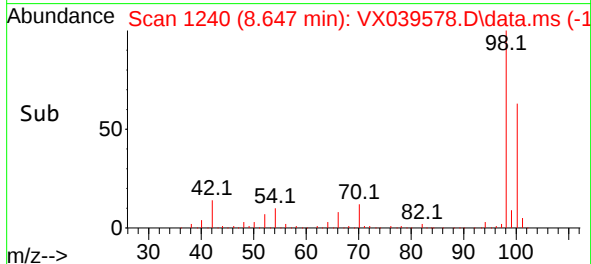
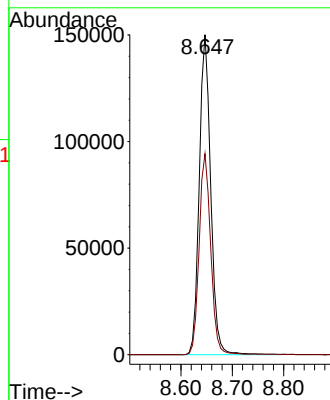
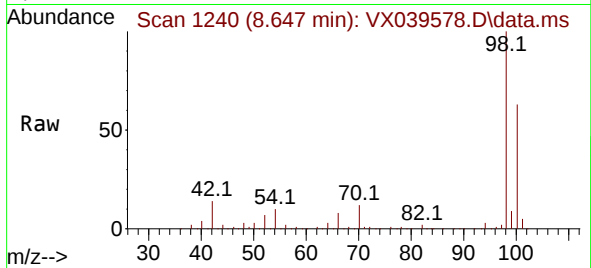




#50
Toluene-d8
Concen: 48.925 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039578.D
Acq: 02 Jan 2024 17:39

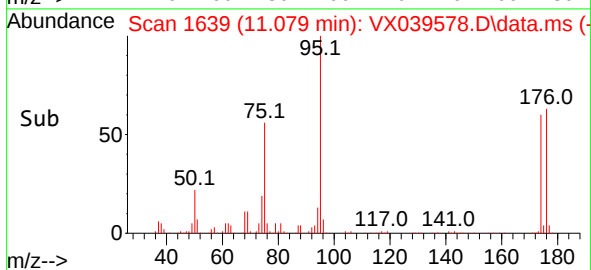
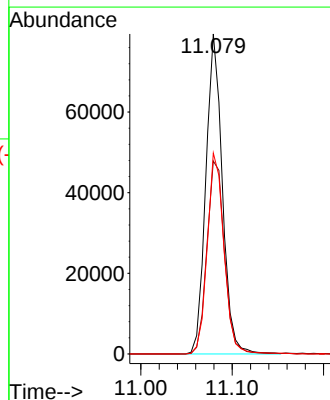
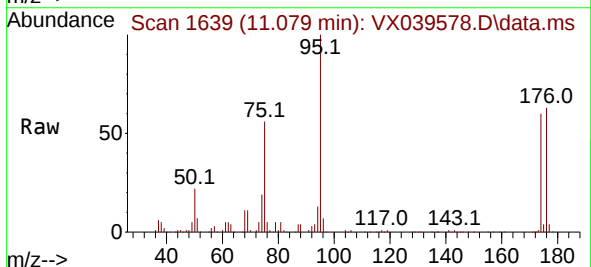
Instrument :
MSVOA_X
ClientSampleId :
1211

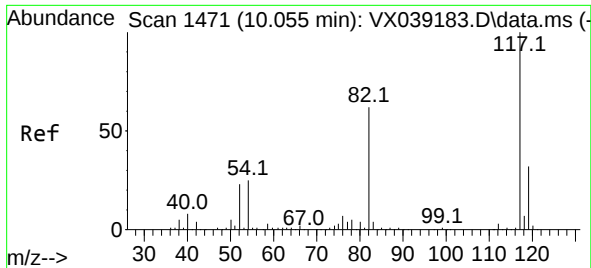
Tgt Ion: 98 Resp: 232363
Ion Ratio Lower Upper
98 100
100 63.4 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 50.674 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039578.D
Acq: 02 Jan 2024 17:39

Tgt Ion: 95 Resp: 99300
Ion Ratio Lower Upper
95 100
174 64.3 0.0 135.6
176 63.6 0.0 131.0

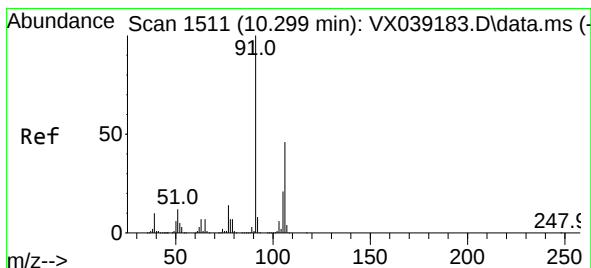
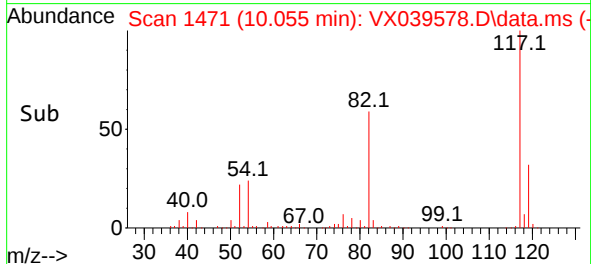
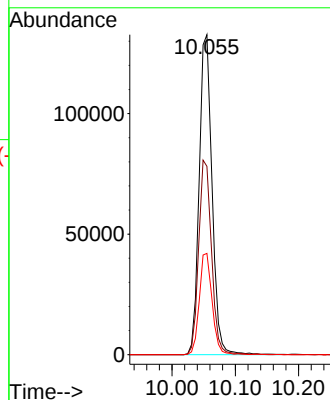
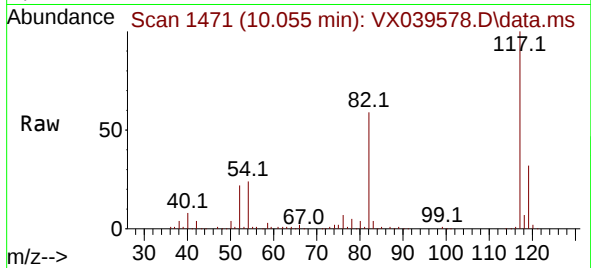




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039578.D
Acq: 02 Jan 2024 17:39

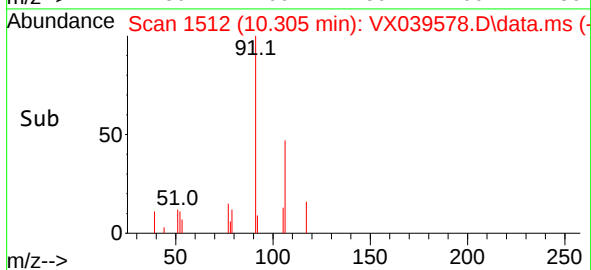
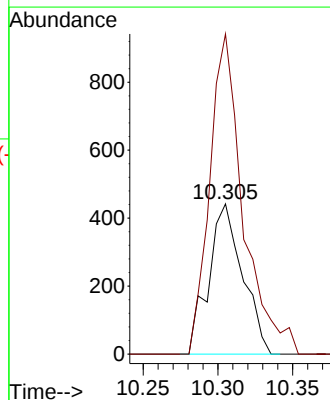
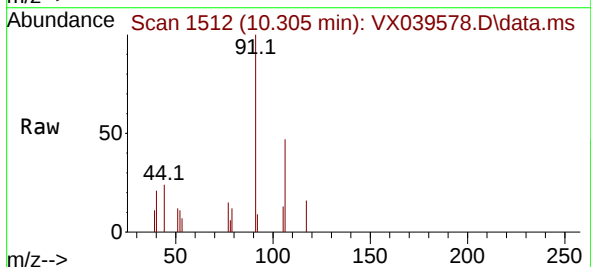
Instrument :
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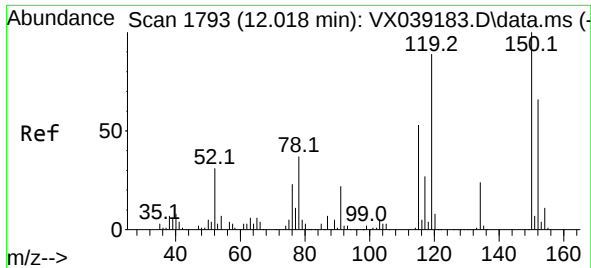
Tgt Ion:117 Resp: 188258
Ion Ratio Lower Upper
117 100
82 58.8 46.2 69.4
119 31.7 25.5 38.3



#68
m/p-Xylenes
Concen: 0.254 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX039578.D
Acq: 02 Jan 2024 17:39

Tgt Ion:106 Resp: 697
Ion Ratio Lower Upper
106 100
91 210.8 165.5 248.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX039578.D

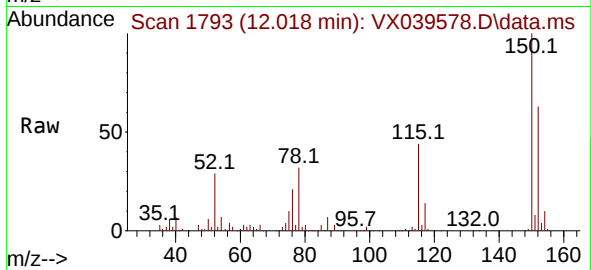
Acq: 02 Jan 2024 17:39

Instrument :

MSVOA_X

ClientSampleId :

1211



Tgt Ion:152 Resp: 82763

Ion Ratio Lower Upper

152 100

115 67.0 43.3 129.9

150 158.4 0.0 345.0

