

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010224\
 Data File : VX039573.D
 Acq On : 02 Jan 2024 15:46
 Operator : JC/MD
 Sample : P1002-08 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1216

Quant Time: Jan 03 04:14:23 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)

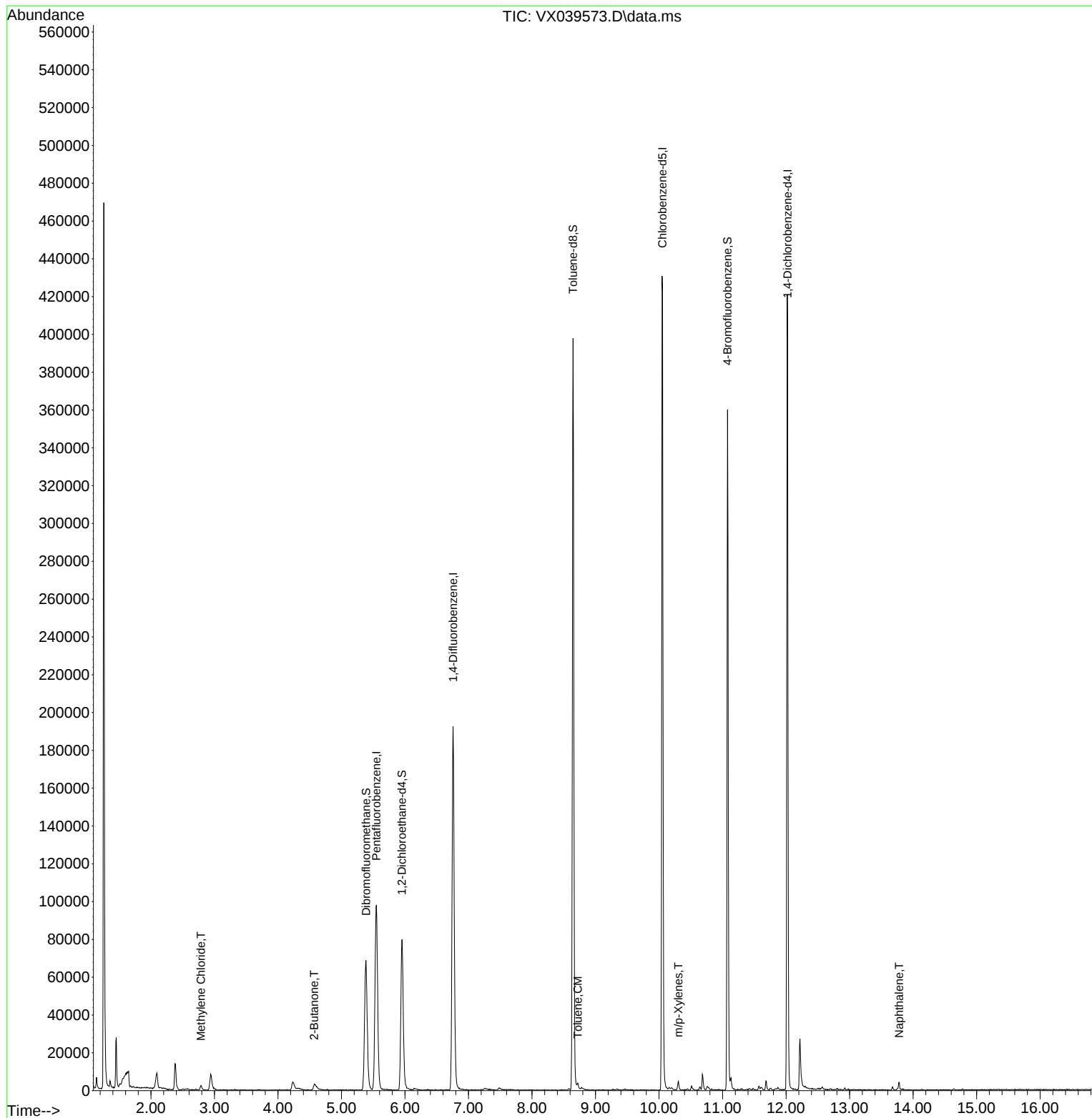
Internal Standards						
1) Pentafluorobenzene	5.550	168	86991	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	187669	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	188581	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	80327	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	75955	47.662	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.320%
35) Dibromofluoromethane	5.385	113	60546	46.699	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.400%
50) Toluene-d8	8.647	98	232288	48.259	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.520%
62) 4-Bromofluorobenzene	11.079	95	98258	49.476	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.960%
Target Compounds						
					Qvalue	
20) Methylene Chloride	2.788	84	1139	0.857	ug/l	95
25) 2-Butanone	4.568	43	5912	4.299	ug/l	100
52) Toluene	8.720	92	998	0.286	ug/l	95
68) m/p-Xylenes	10.305	106	1135	0.413	ug/l	89
95) Naphthalene	13.780	128	2839	0.483	ug/l	96

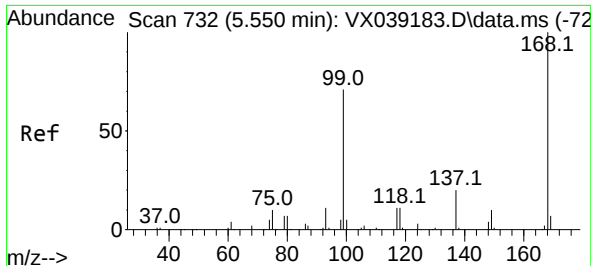
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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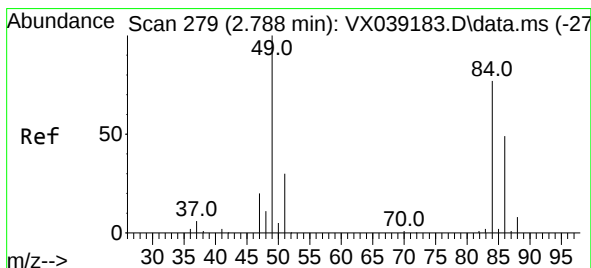
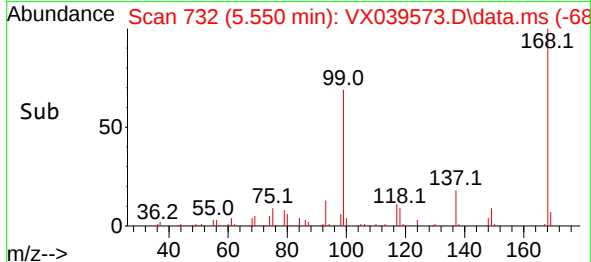
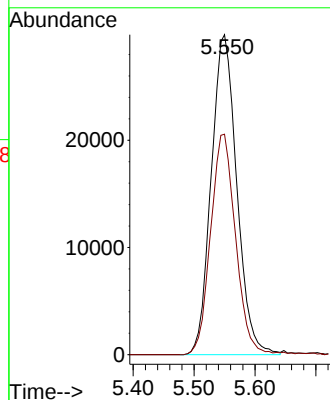
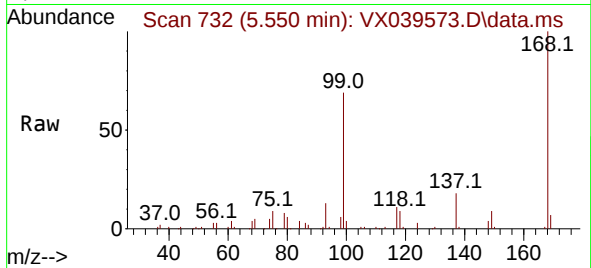




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 716
Delta R.T. -0.000 min
Lab File: VX039573.D
Acq: 02 Jan 2024 15:46

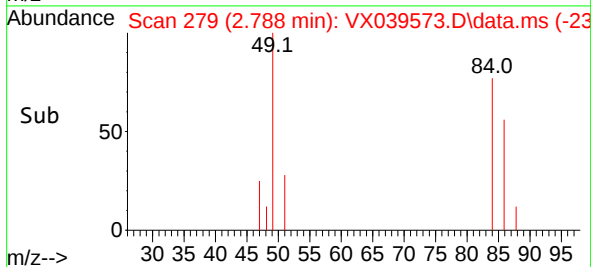
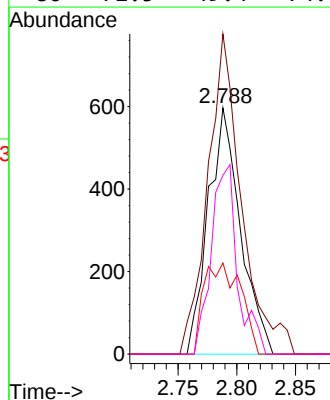
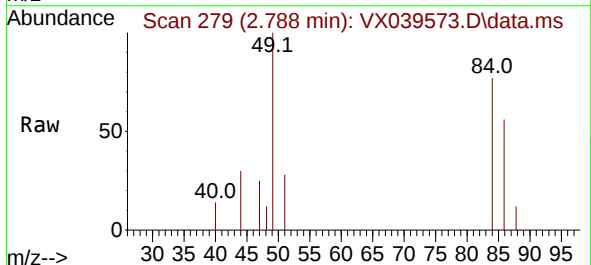
Instrument :
MSVOA_X
ClientSampleId :
1216

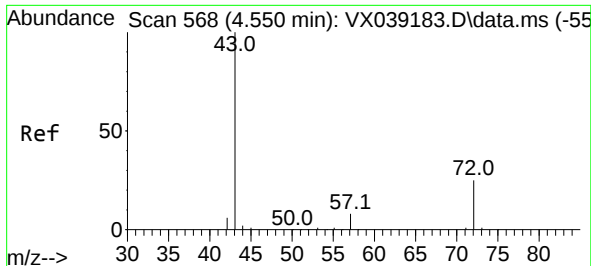
Tgt Ion:168 Resp: 86991
Ion Ratio Lower Upper
168 100
99 68.9 56.6 85.0



#20
Methylene Chloride
Concen: 0.857 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX039573.D
Acq: 02 Jan 2024 15:46

Tgt Ion: 84 Resp: 1139
Ion Ratio Lower Upper
84 100
49 130.0 103.6 155.4
51 37.0 33.8 50.6
86 72.5 49.4 74.0

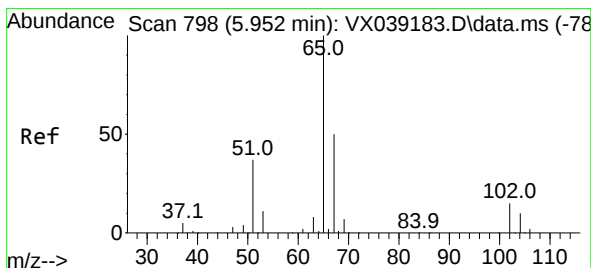
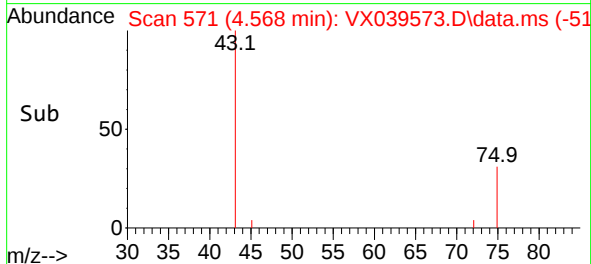
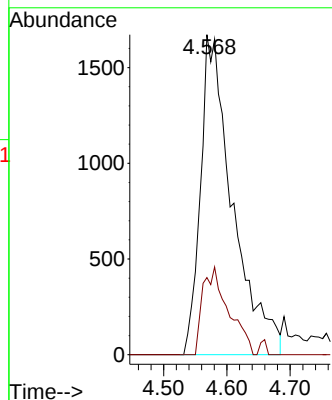
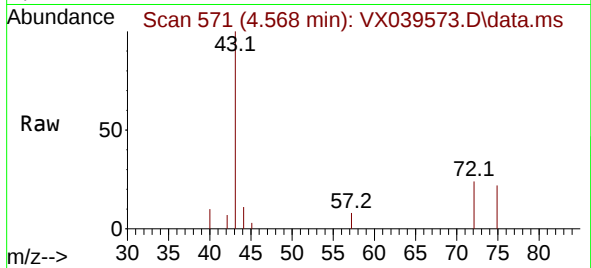




#25
2-Butanone
Concen: 4.299 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.019 min
Lab File: VX039573.D
Acq: 02 Jan 2024 15:46

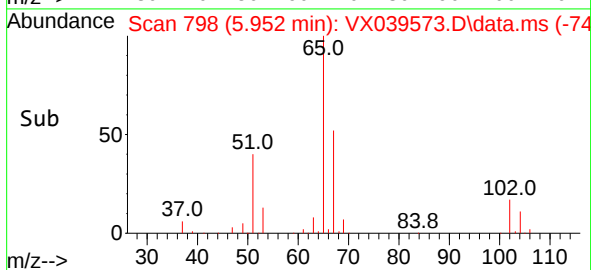
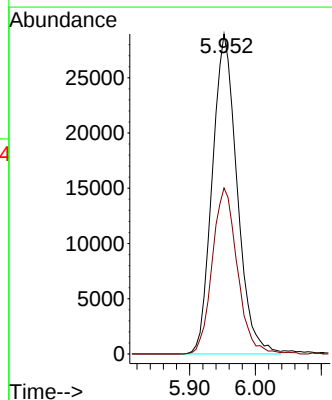
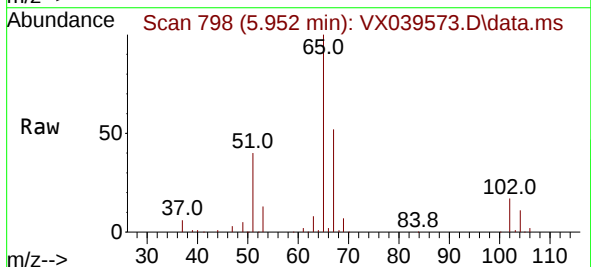
Instrument :
MSVOA_X
ClientSampleId :
1216

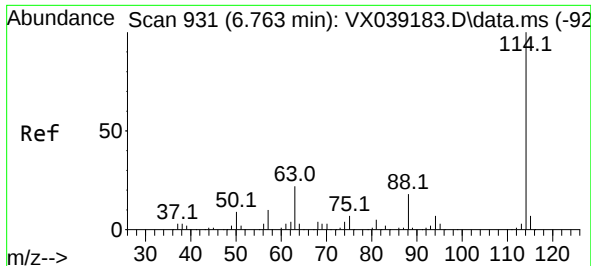
Tgt Ion: 43 Resp: 5912
Ion Ratio Lower Upper
43 100
72 24.1 19.4 29.2



#33
1,2-Dichloroethane-d4
Concen: 47.662 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039573.D
Acq: 02 Jan 2024 15:46

Tgt Ion: 65 Resp: 75955
Ion Ratio Lower Upper
65 100
67 52.3 0.0 100.2

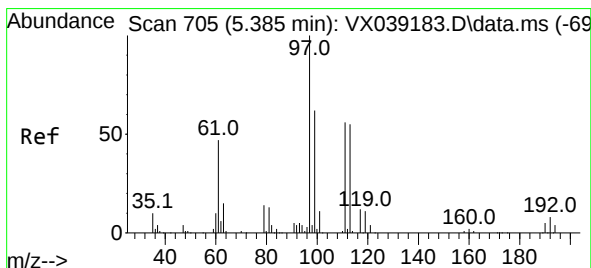
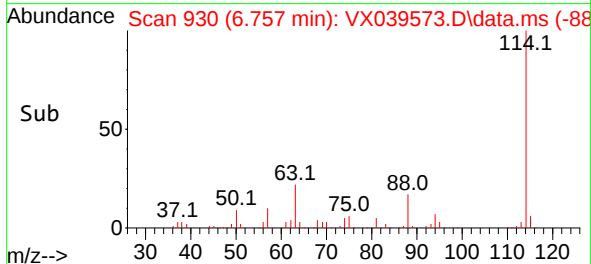
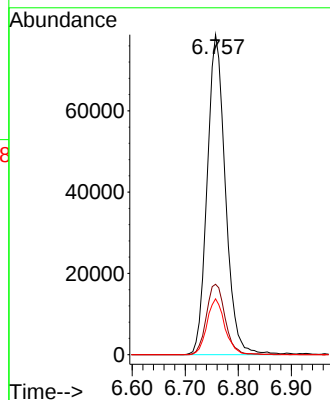
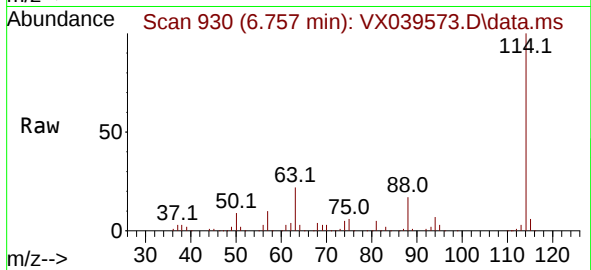




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. -0.006 min
Lab File: VX039573.D
Acq: 02 Jan 2024 15:46

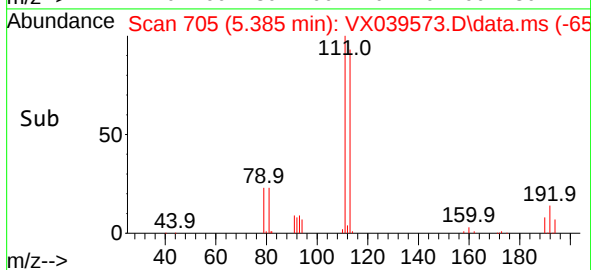
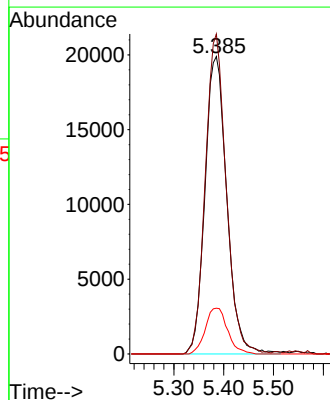
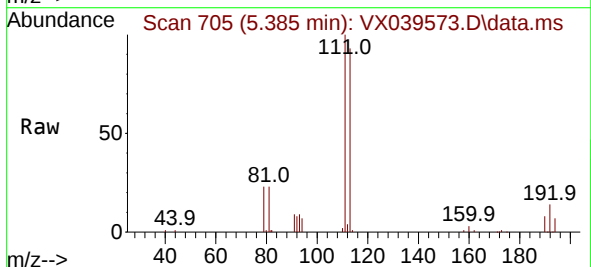
Instrument :
MSVOA_X
ClientSampleId :
1216

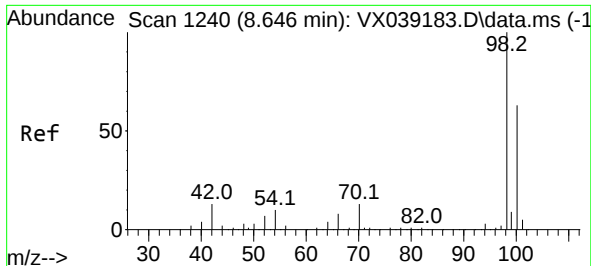
Tgt Ion:114 Resp: 187669
Ion Ratio Lower Upper
114 100
63 22.0 0.0 45.0
88 17.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.699 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039573.D
Acq: 02 Jan 2024 15:46

Tgt Ion:113 Resp: 60546
Ion Ratio Lower Upper
113 100
111 102.7 82.9 124.3
192 15.6 13.3 19.9





#50

Toluene-d8

Concen: 48.259 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX039573.D

Acq: 02 Jan 2024 15:46

Instrument :

MSVOA_X

ClientSampleId :

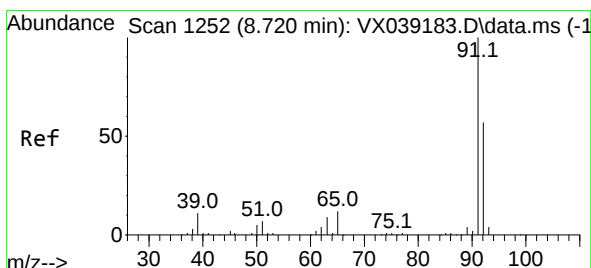
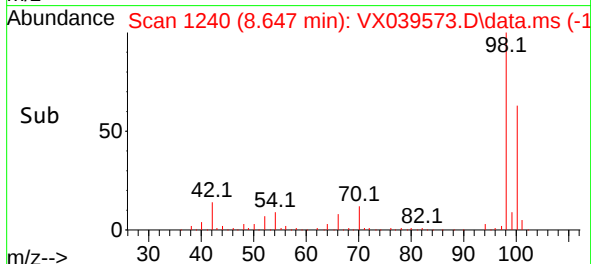
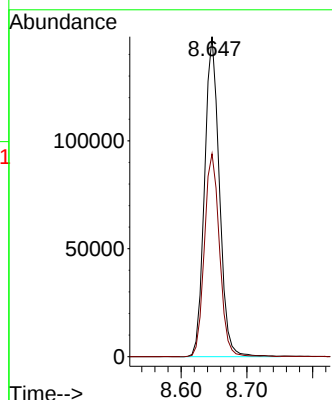
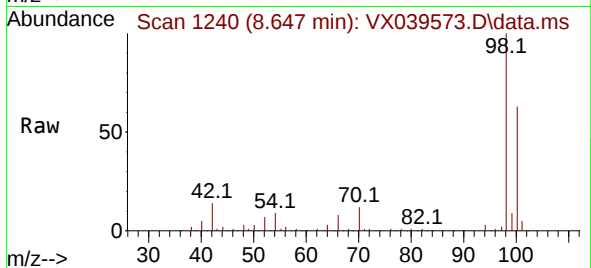
1216

Tgt Ion: 98 Resp: 232288

Ion Ratio Lower Upper

98 100

100 64.6 53.1 79.7



#52

Toluene

Concen: 0.286 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX039573.D

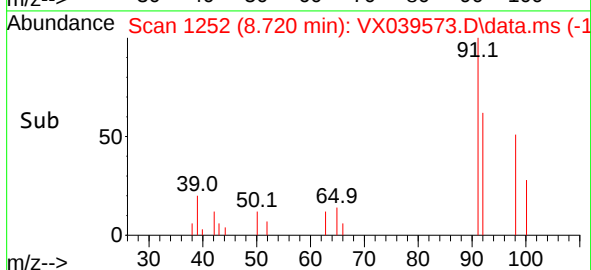
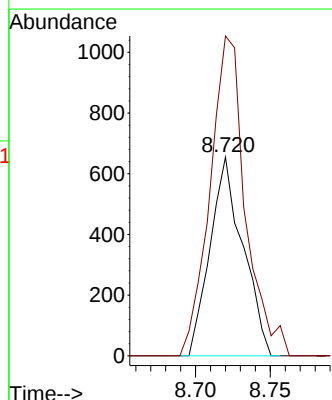
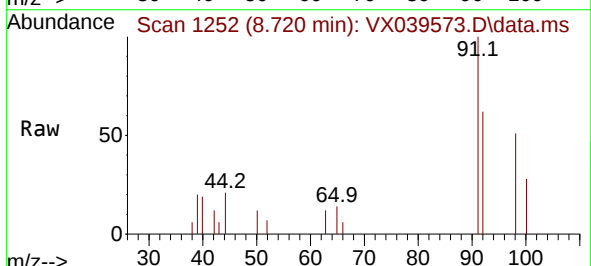
Acq: 02 Jan 2024 15:46

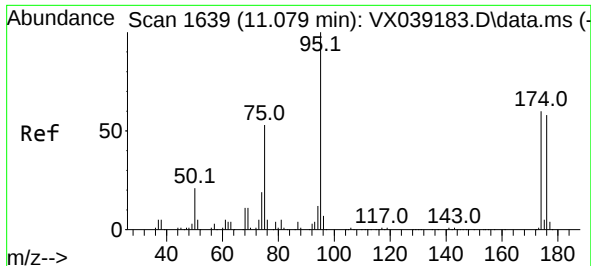
Tgt Ion: 92 Resp: 998

Ion Ratio Lower Upper

92 100

91 174.2 134.2 201.2





#62

4-Bromofluorobenzene

Concen: 49.476 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039573.D

Acq: 02 Jan 2024 15:46

Instrument :

MSVOA_X

ClientSampleId :

1216

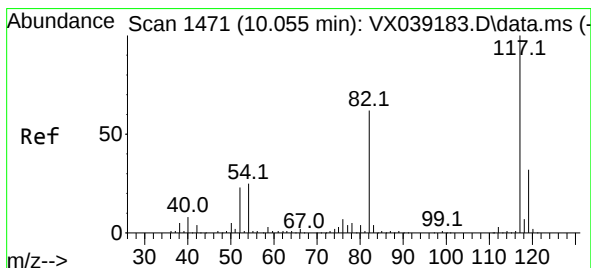
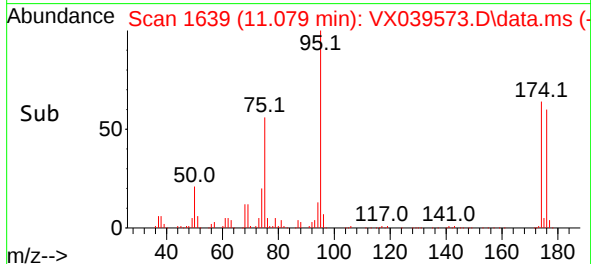
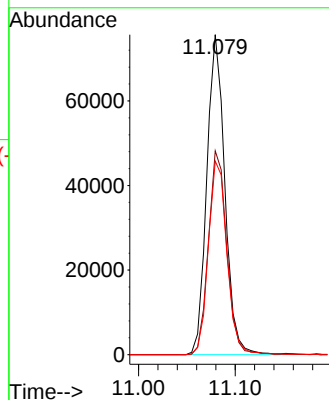
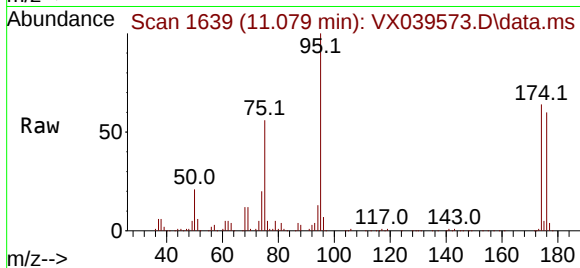
Tgt Ion: 95 Resp: 98258

Ion Ratio Lower Upper

95 100

174 64.9 0.0 135.6

176 62.4 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: VX039573.D

Acq: 02 Jan 2024 15:46

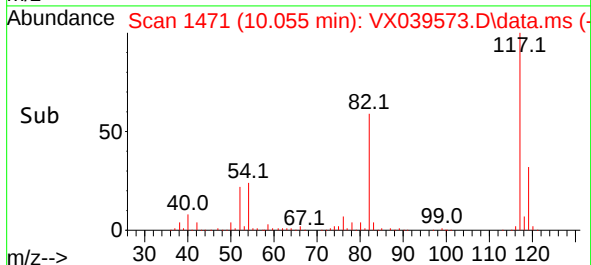
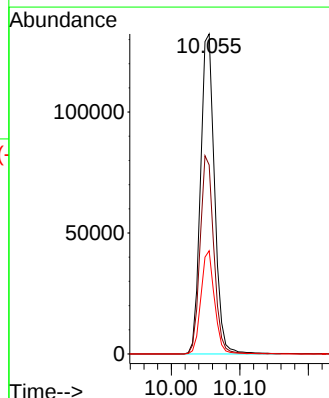
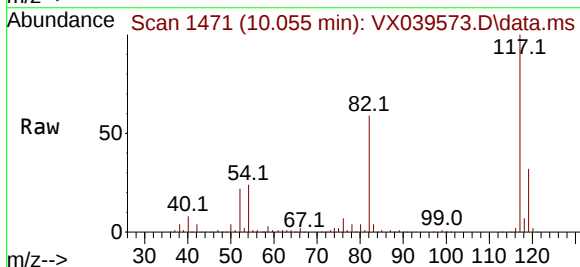
Tgt Ion: 117 Resp: 188581

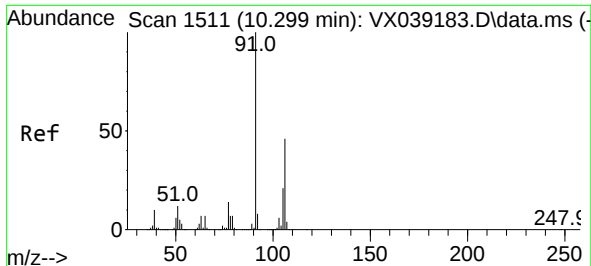
Ion Ratio Lower Upper

117 100

82 59.1 46.2 69.4

119 32.2 25.5 38.3

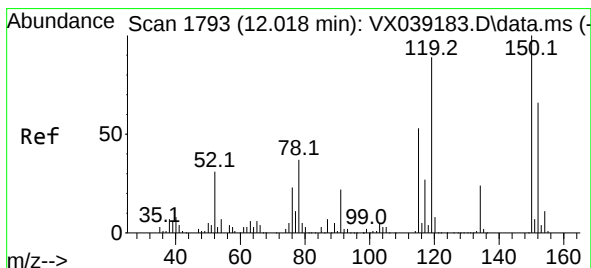
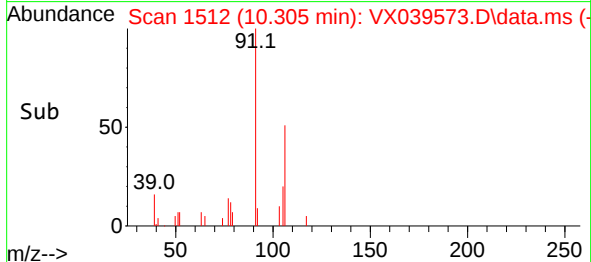
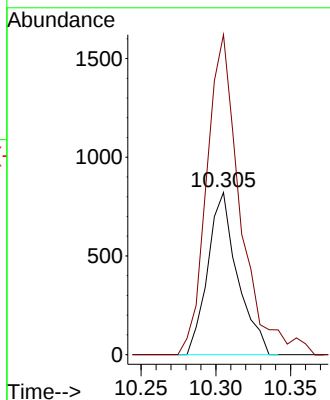
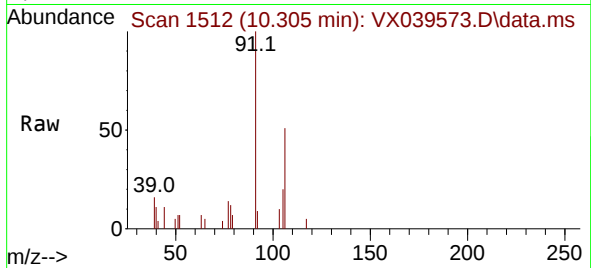




#68
m/p-Xylenes
Concen: 0.413 ug/l
RT: 10.305 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX039573.D
Acq: 02 Jan 2024 15:46

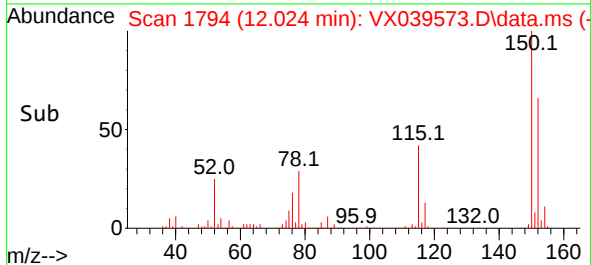
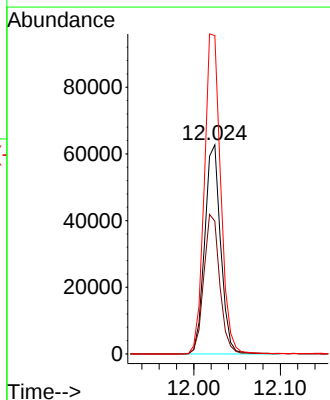
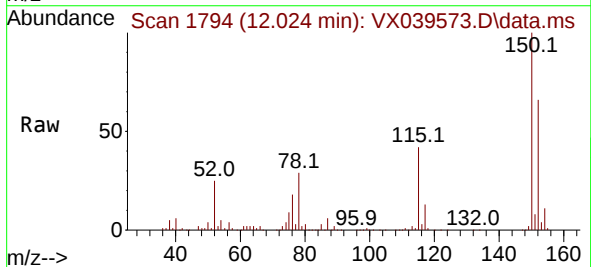
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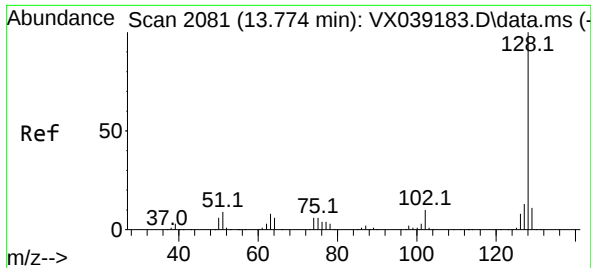
Tgt Ion:106 Resp: 1135
Ion Ratio Lower Upper
106 100
91 223.5 165.5 248.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX039573.D
Acq: 02 Jan 2024 15:46

Tgt Ion:152 Resp: 80327
Ion Ratio Lower Upper
152 100
115 66.7 43.3 129.9
150 157.4 0.0 345.0





#95

Naphthalene

Concen: 0.483 ug/l

RT: 13.780 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX039573.D

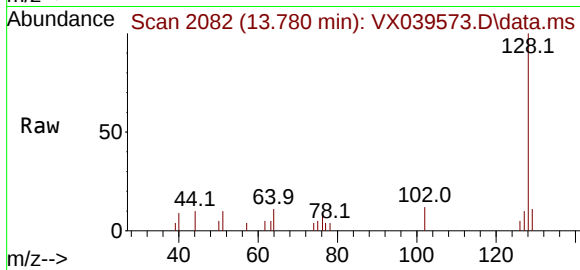
Acq: 02 Jan 2024 15:46

Instrument :

MSVOA_X

ClientSampleId :

1216



Tgt Ion:128 Resp: 2839

Ion Ratio Lower Upper

128 100

127 11.0 10.3 15.5

129 9.5 8.8 13.2

