

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022324\
 Data File : VX040442.D
 Acq On : 23 Feb 2024 19:14
 Operator : JC/MD
 Sample : P1583-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MANHOLE-COMP

Quant Time: Feb 23 22:24:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022224W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 23 06:47:29 2024
 Response via : Initial Calibration

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

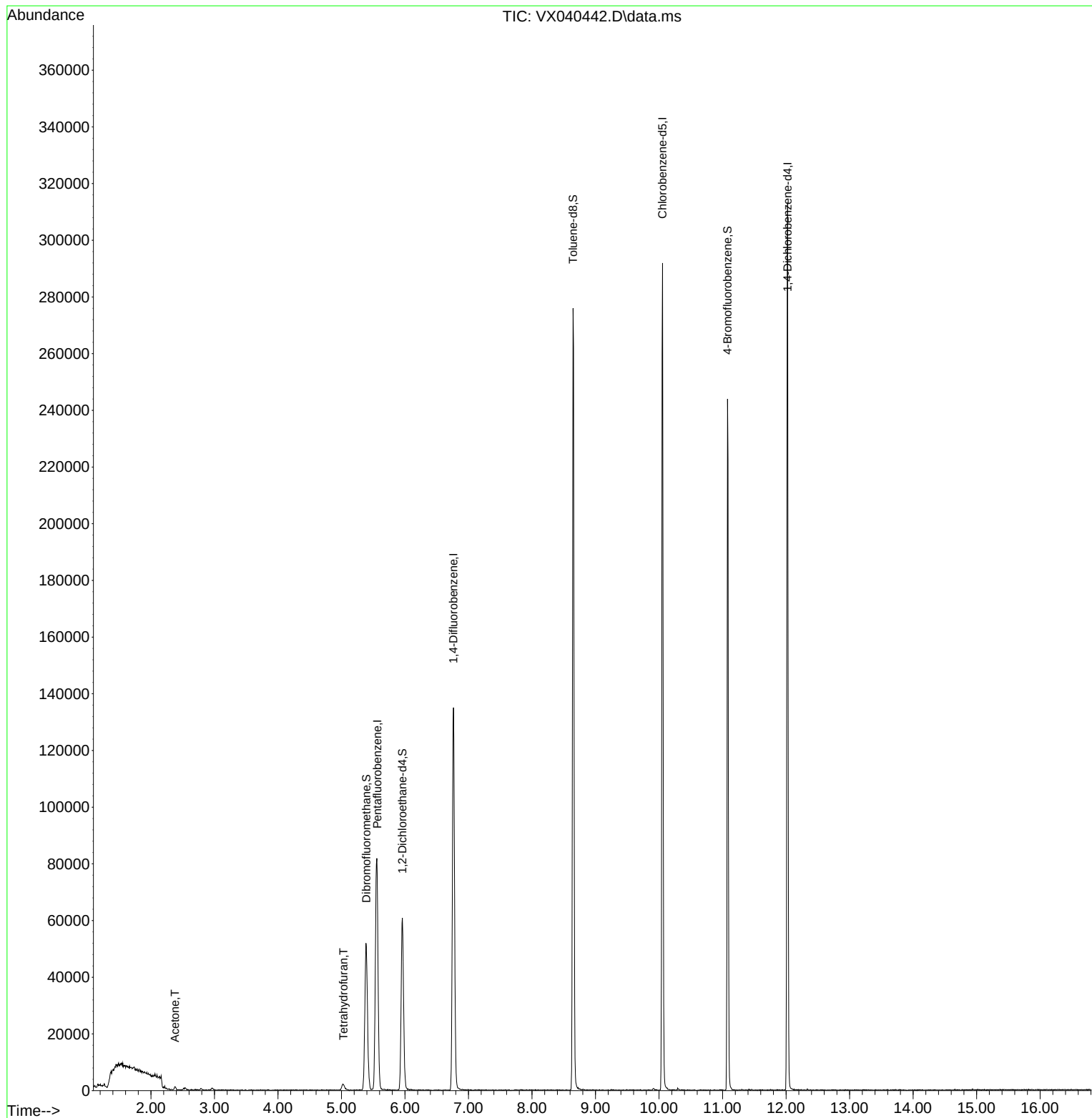
Internal Standards							
1) Pentafluorobenzene		5.562	168	73424	50.000	ug/l	0.00
34) 1,4-Difluorobenzene		6.763	114	129442	50.000	ug/l	0.00
63) Chlorobenzene-d5		10.055	117	124026	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4		12.024	152	62302	50.000	ug/l	0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4		5.958	65	60225	50.365	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	100.720%	
35) Dibromofluoromethane		5.391	113	44232	50.709	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.420%	
50) Toluene-d8		8.647	98	160506	50.942	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.880%	
62) 4-Bromofluorobenzene		11.079	95	61930	49.051	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.100%	
Target Compounds							
						Qvalue	
16) Acetone		2.380	43	1165	2.338	ug/l #	58
29) Tetrahydrofuran		5.032	42	2113	4.086	ug/l #	86

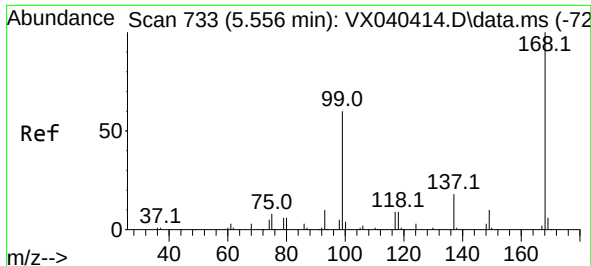
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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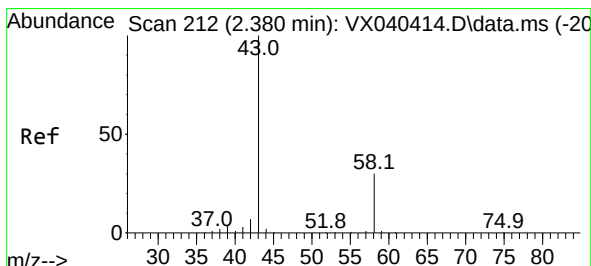
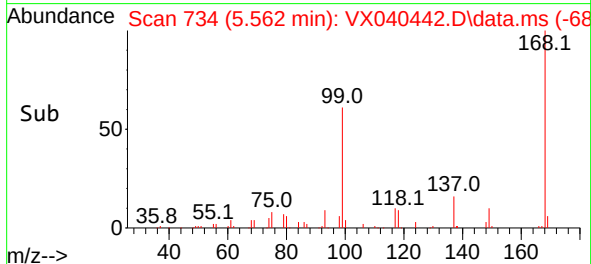
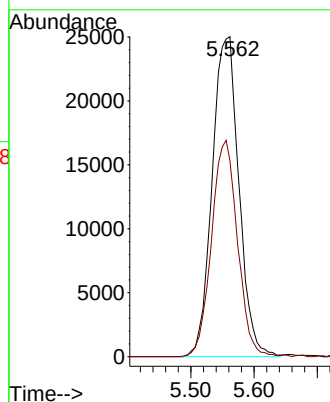
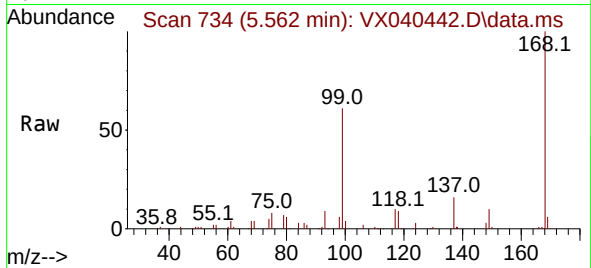




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX040442.D
Acq: 23 Feb 2024 19:14

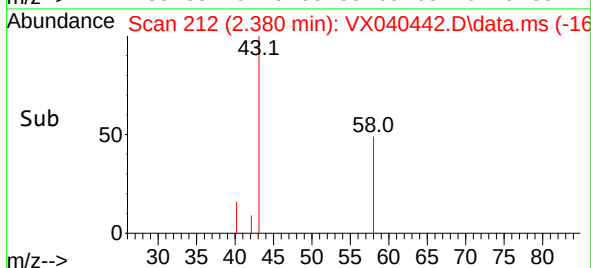
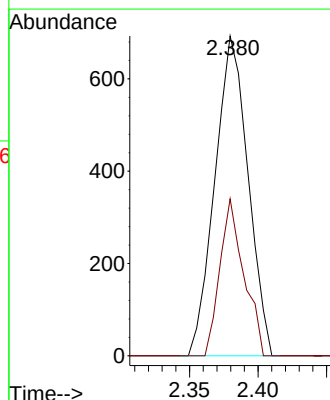
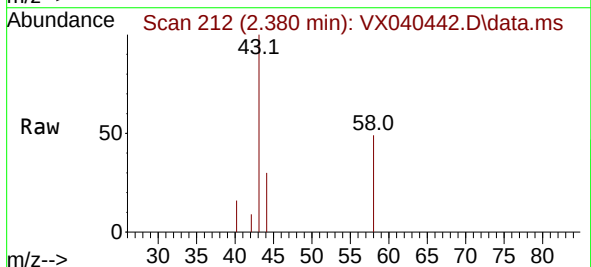
Instrument :
MSVOA_X
ClientSampleId :
MANHOLE-COMP

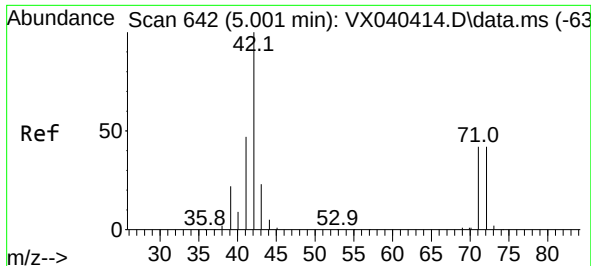
Tgt Ion:168 Resp: 73424
Ion Ratio Lower Upper
168 100
99 61.2 56.6 85.0



#16
Acetone
Concen: 2.338 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX040442.D
Acq: 23 Feb 2024 19:14

Tgt Ion: 43 Resp: 1165
Ion Ratio Lower Upper
43 100
58 49.1 21.9 32.9#





#29

Tetrahydrofuran

Concen: 4.086 ug/l

RT: 5.032 min Scan# 642

Delta R.T. 0.030 min

Lab File: VX040442.D

Acq: 23 Feb 2024 19:14

Instrument :

MSVOA_X

ClientSampleId :

MANHOLE-COMP

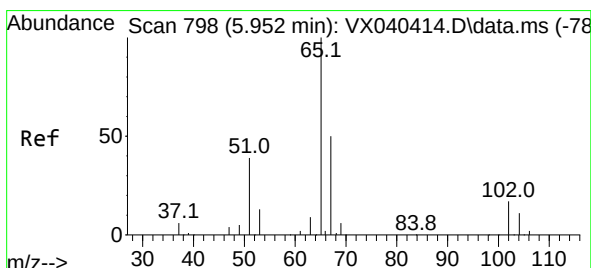
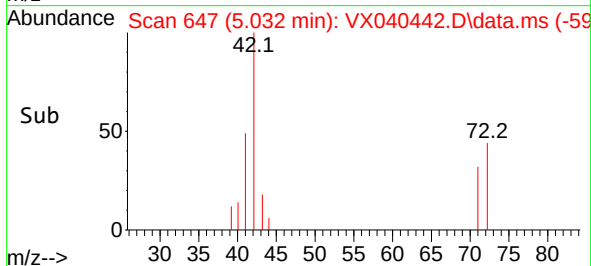
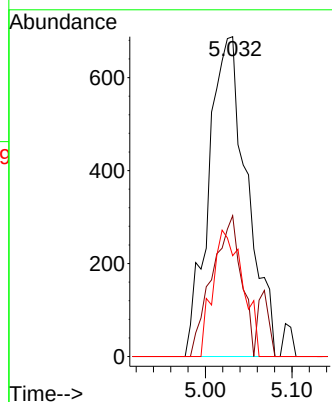
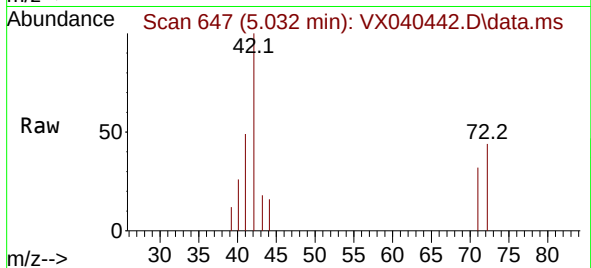
Tgt Ion: 42 Resp: 2113

Ion Ratio Lower Upper

42 100

72 33.8 34.2 51.4#

71 31.1 32.2 48.2#



#33

1,2-Dichloroethane-d4

Concen: 50.365 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.006 min

Lab File: VX040442.D

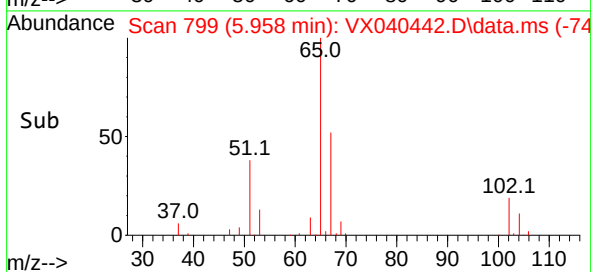
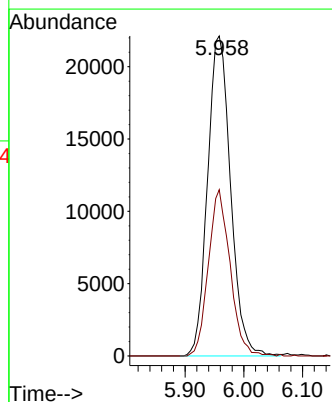
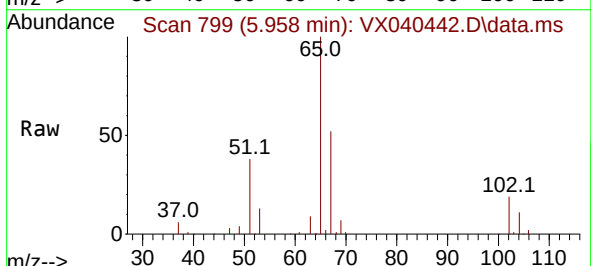
Acq: 23 Feb 2024 19:14

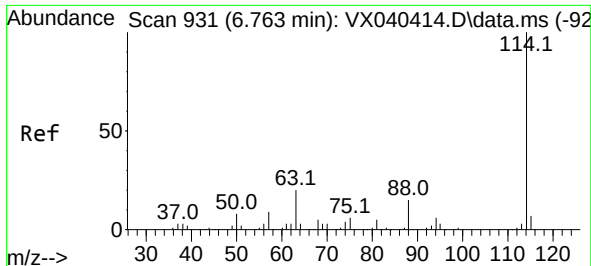
Tgt Ion: 65 Resp: 60225

Ion Ratio Lower Upper

65 100

67 49.1 0.0 100.2

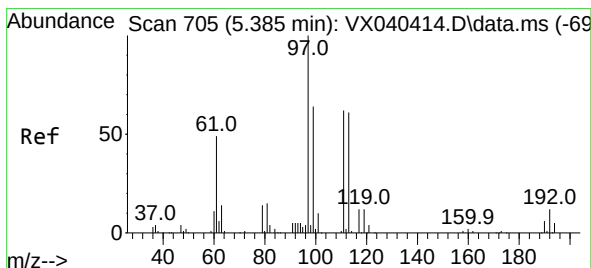
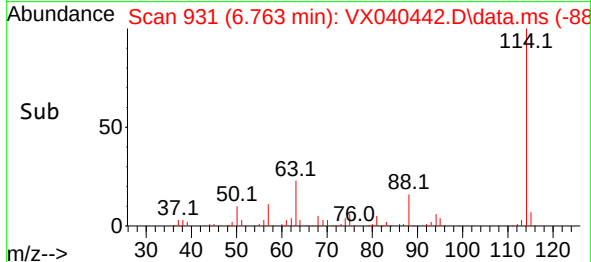
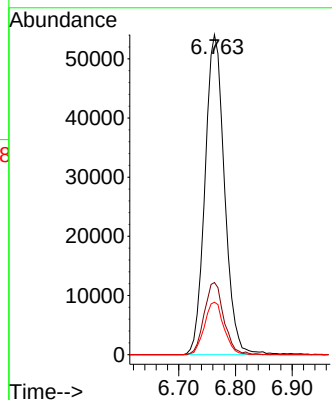
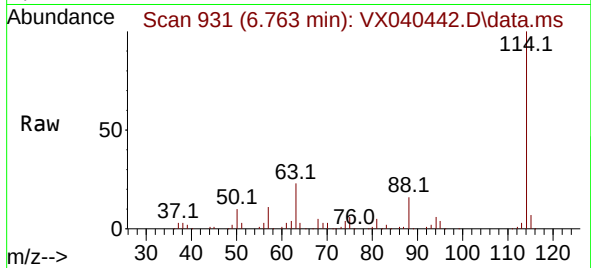




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX040442.D
Acq: 23 Feb 2024 19:14

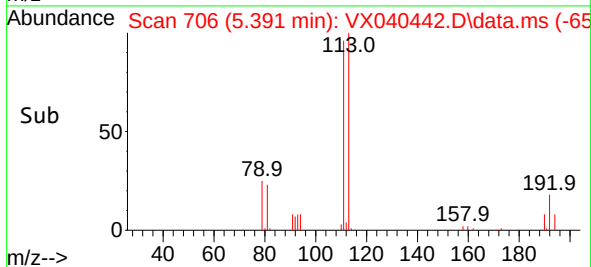
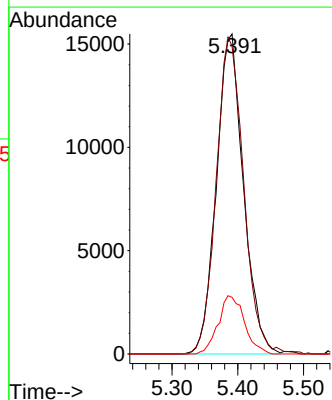
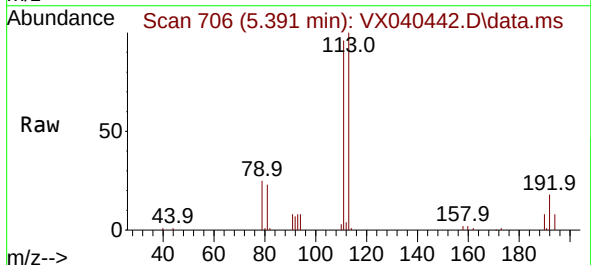
Instrument :
MSVOA_X
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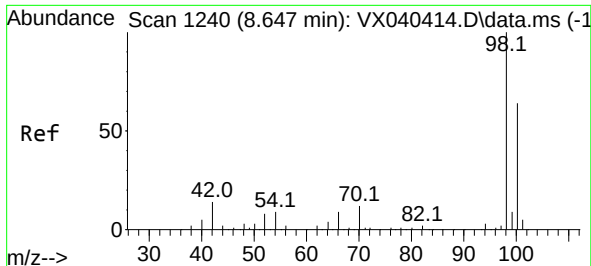
Tgt Ion:114 Resp: 129442
Ion Ratio Lower Upper
114 100
63 22.6 0.0 45.0
88 16.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 50.709 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX040442.D
Acq: 23 Feb 2024 19:14

Tgt Ion:113 Resp: 44232
Ion Ratio Lower Upper
113 100
111 100.9 82.9 124.3
192 17.7 13.3 19.9

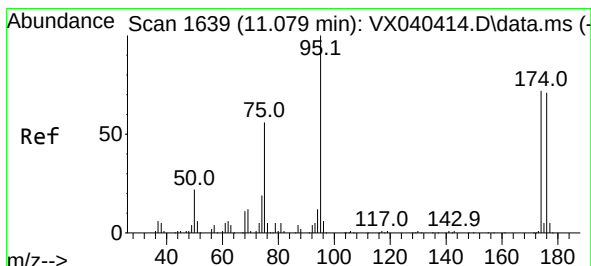
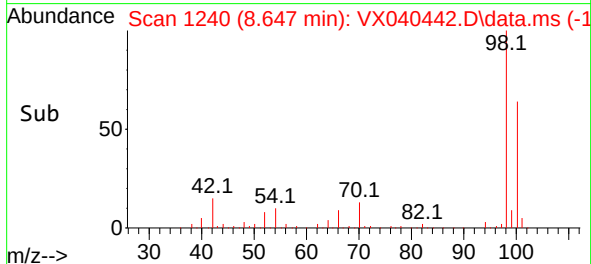
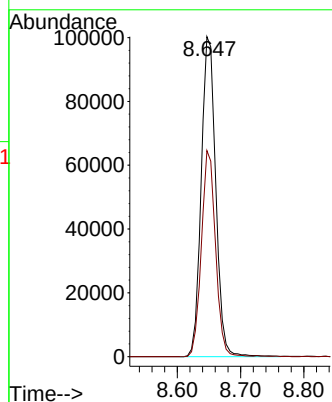
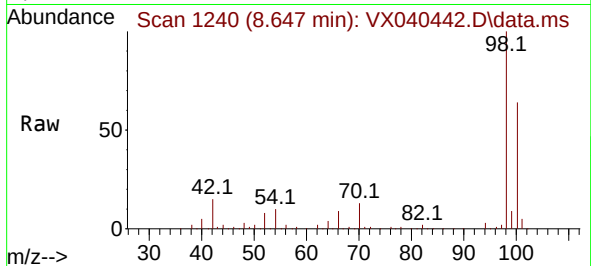




#50
Toluene-d8
Concen: 50.942 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040442.D
Acq: 23 Feb 2024 19:14

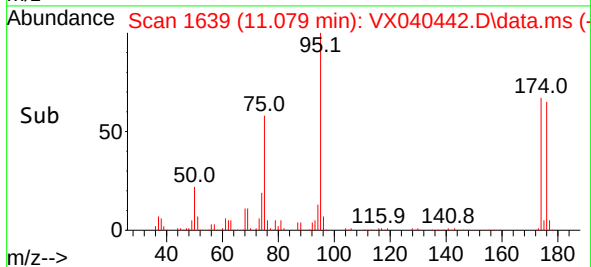
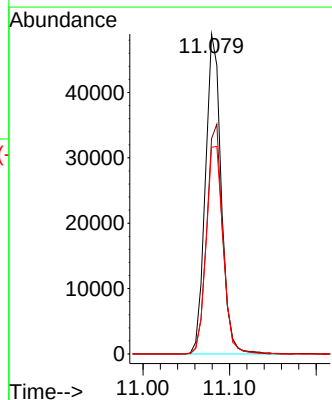
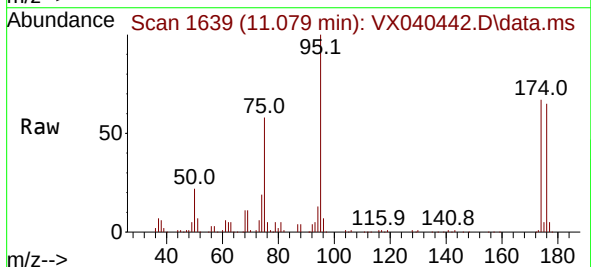
Instrument :
MSVOA_X
ClientSampleId :
MANHOLE-COMP

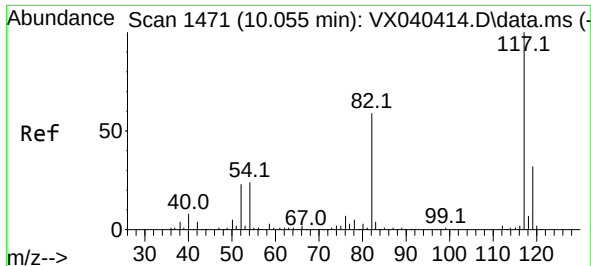
Tgt Ion: 98 Resp: 160506
Ion Ratio Lower Upper
98 100
100 62.7 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 49.051 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040442.D
Acq: 23 Feb 2024 19:14

Tgt Ion: 95 Resp: 61930
Ion Ratio Lower Upper
95 100
174 72.9 0.0 135.6
176 70.0 0.0 131.0

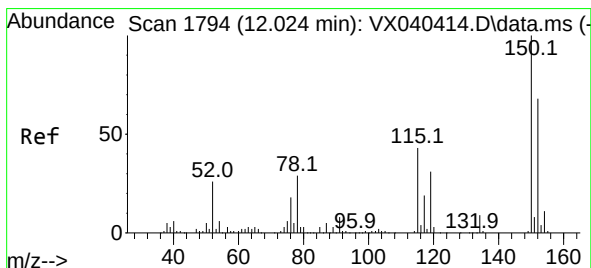
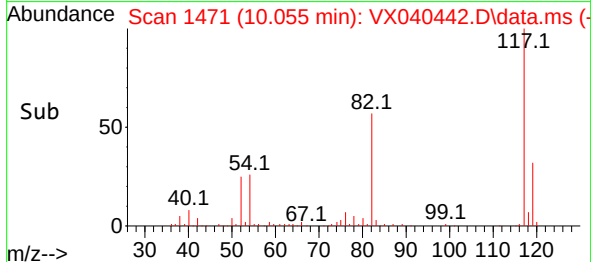
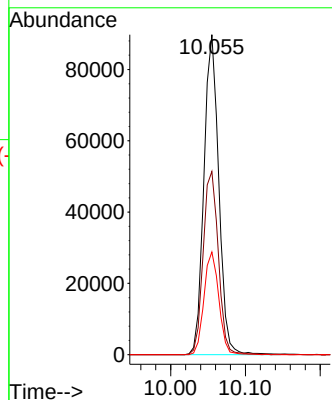
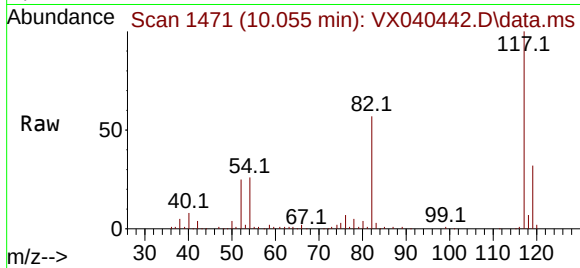




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040442.D
Acq: 23 Feb 2024 19:14

Instrument :
MSVOA_X
ClientSampleId :
MANHOLE-COMP

Tgt Ion:117 Resp: 124026
Ion Ratio Lower Upper
117 100
82 57.2 46.2 69.4
119 32.1 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: VX040442.D
Acq: 23 Feb 2024 19:14

Tgt Ion:152 Resp: 62302
Ion Ratio Lower Upper
152 100
115 62.3 43.3 129.9
150 153.2 0.0 345.0

