

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021424\
 Data File : VX040233.D
 Acq On : 14 Feb 2024 20:08
 Operator : JC/MD
 Sample : P1453-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-2

Quant Time: Feb 15 00:08:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

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

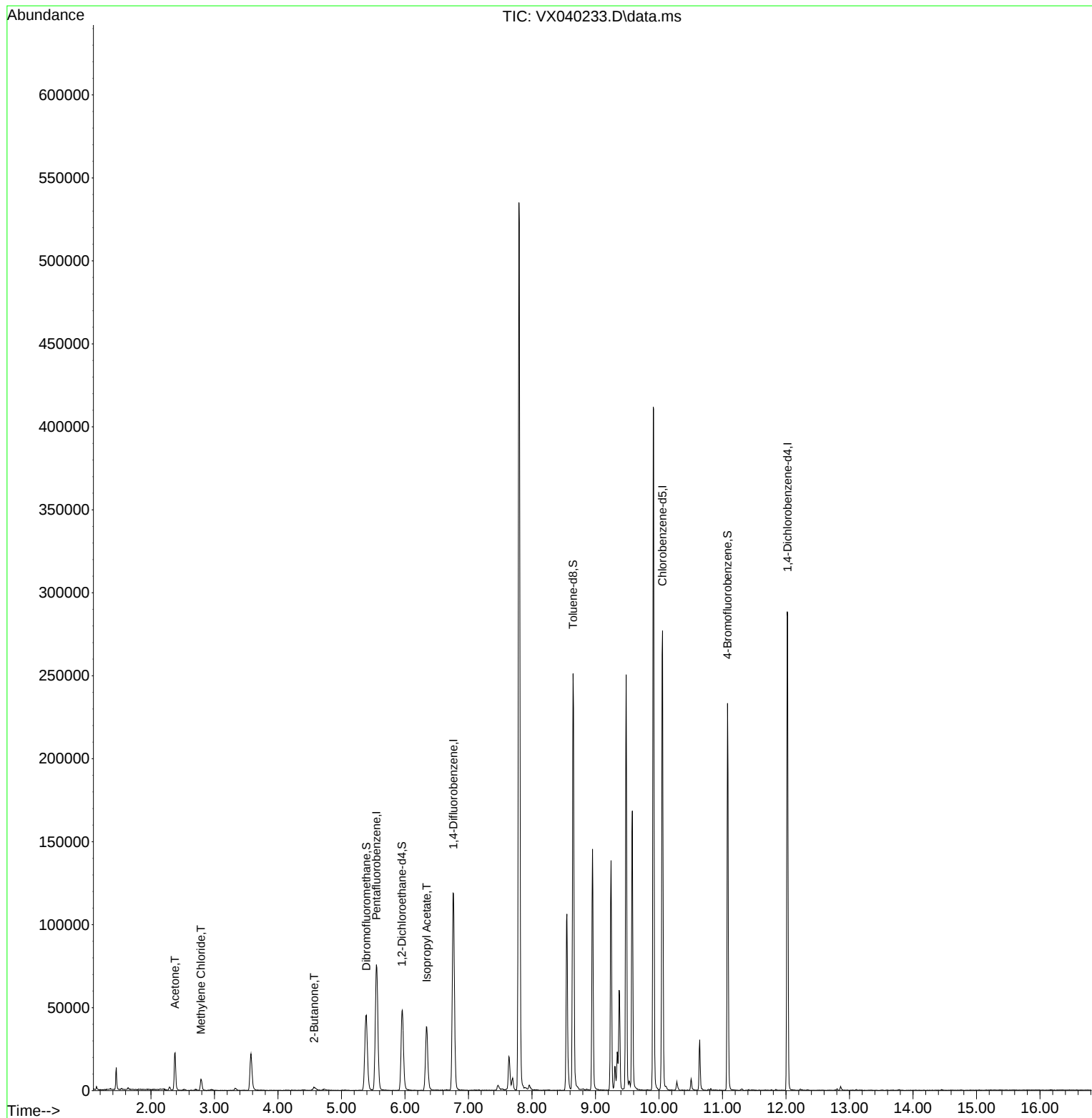
Internal Standards						
1) Pentafluorobenzene	5.550	168	73532	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	123799	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	121672	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	63642	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	47060	43.019	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	86.040%
35) Dibromofluoromethane	5.391	113	39537	45.732	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.460%
50) Toluene-d8	8.647	98	151541	46.859	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.720%
62) 4-Bromofluorobenzene	11.079	95	60113	45.576	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.160%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	24245	53.963	ug/l	# 89
20) Methylene Chloride	2.788	84	3428	2.557	ug/l	# 91
25) 2-Butanone	4.568	43	3518	5.009	ug/l	# 88
43) Isopropyl Acetate	6.342	43	53219	25.299	ug/l	98

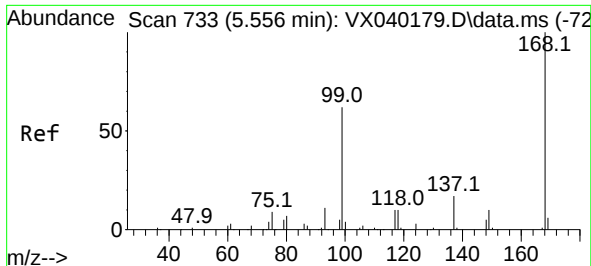
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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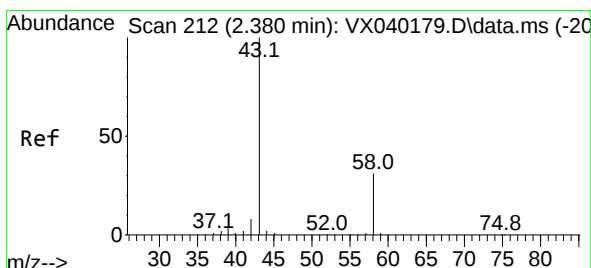
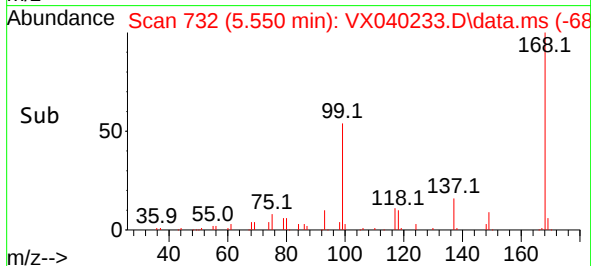
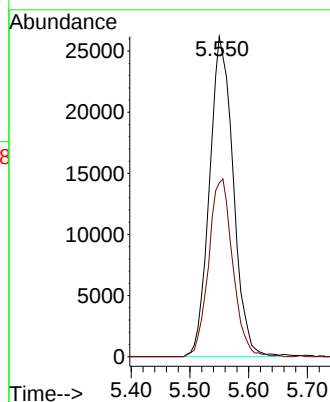
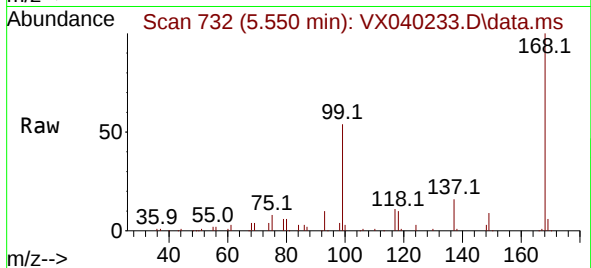




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040233.D
Acq: 14 Feb 2024 20:08

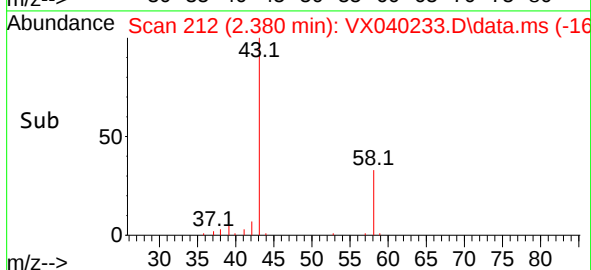
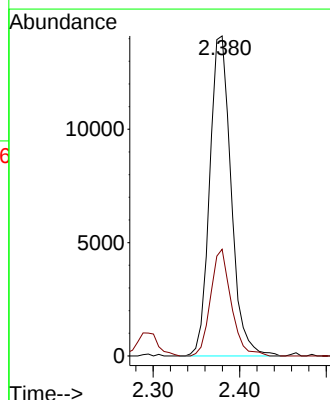
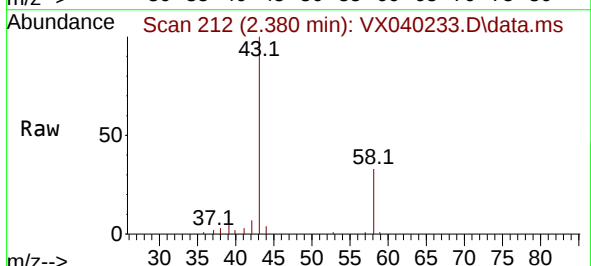
Instrument :
MSVOA_X
ClientSampleId :
TP-2

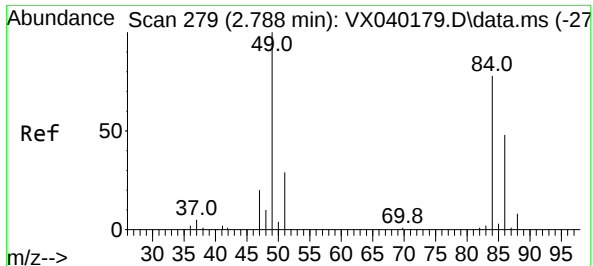
Tgt Ion:168 Resp: 73532
Ion Ratio Lower Upper
168 100
99 54.3 56.6 85.0#



#16
Acetone
Concen: 53.963 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX040233.D
Acq: 14 Feb 2024 20:08

Tgt Ion: 43 Resp: 24245
Ion Ratio Lower Upper
43 100
58 33.3 21.9 32.9#

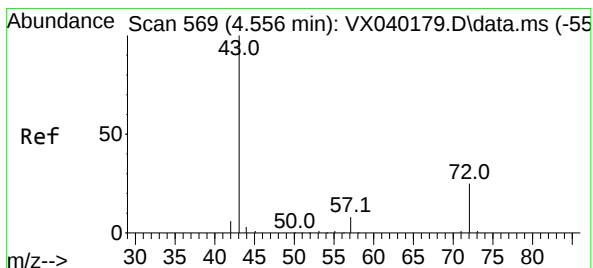
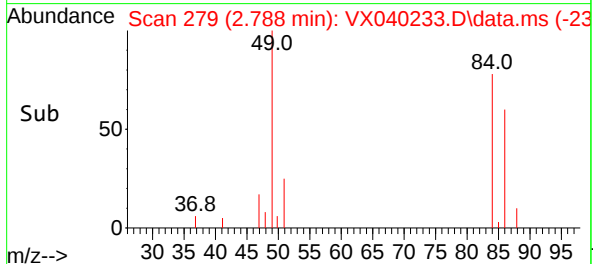
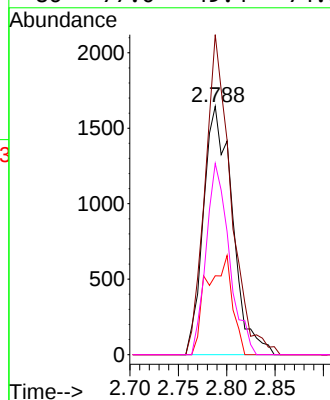
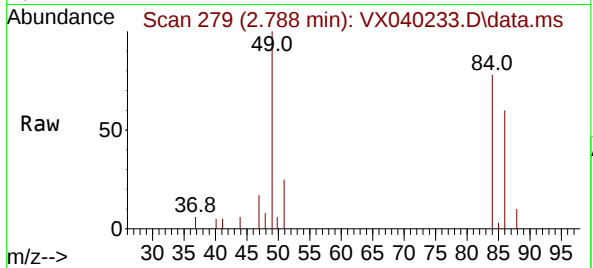




#20
Methylene Chloride
Concen: 2.557 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX040233.D
Acq: 14 Feb 2024 20:08

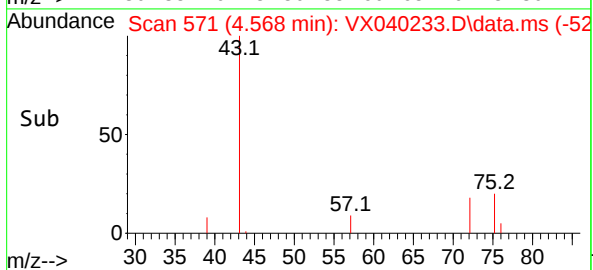
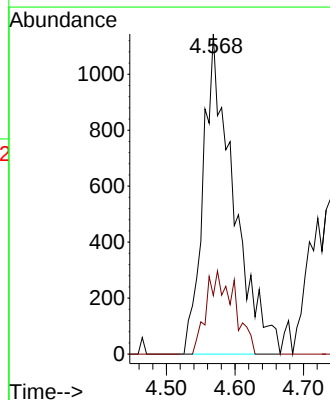
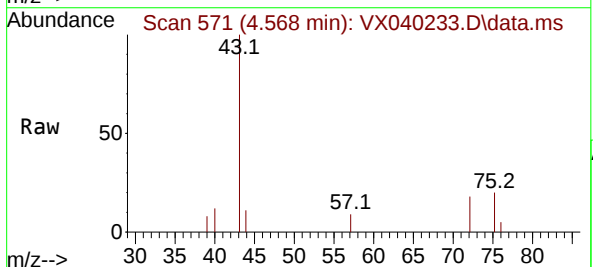
Instrument :
MSVOA_X
ClientSampleId :
TP-2

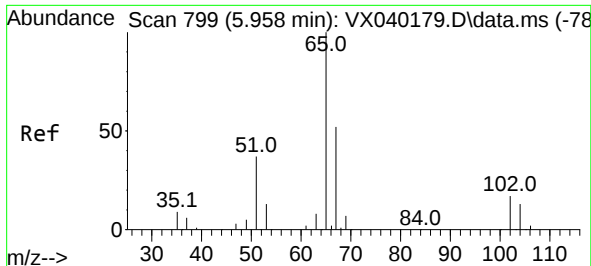
Tgt Ion: 84	Resp: 3428
Ion Ratio	Lower Upper
84 100	
49 128.9	103.6 155.4
51 31.7	33.8 50.6#
86 77.0	49.4 74.0#



#25
2-Butanone
Concen: 5.009 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.012 min
Lab File: VX040233.D
Acq: 14 Feb 2024 20:08

Tgt Ion: 43	Resp: 3518		
Ion Ratio	Lower	Upper	
43 100			
72 18.3	19.4	29.2#	





#33

1,2-Dichloroethane-d4

Concen: 43.019 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX040233.D

Acq: 14 Feb 2024 20:08

Instrument :

MSVOA_X

ClientSampleId :

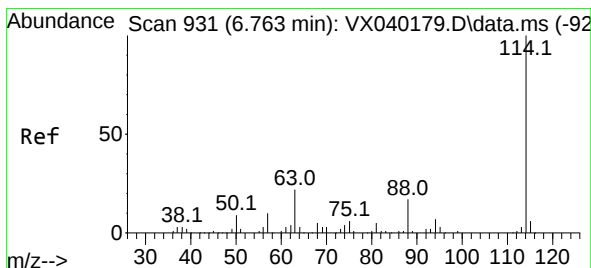
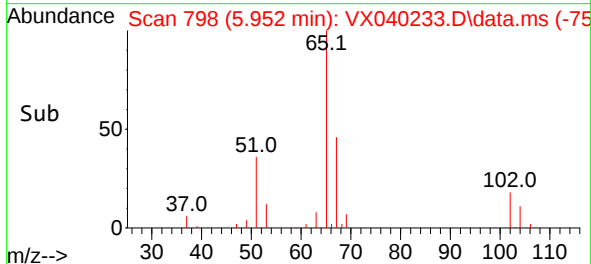
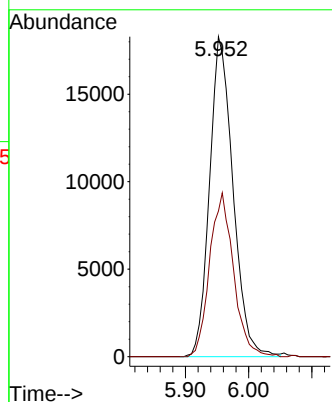
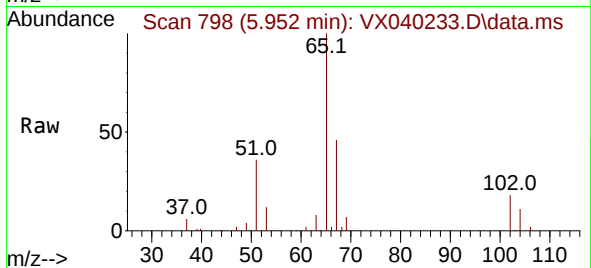
TP-2

Tgt Ion: 65 Resp: 47060

Ion Ratio Lower Upper

65 100

67 52.1 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: VX040233.D

Acq: 14 Feb 2024 20:08

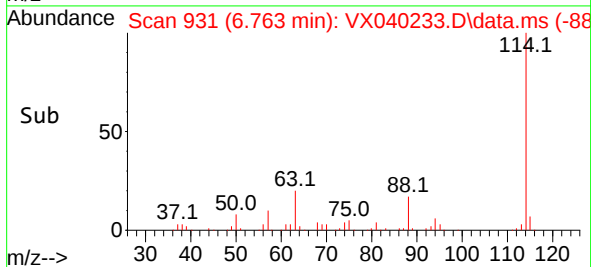
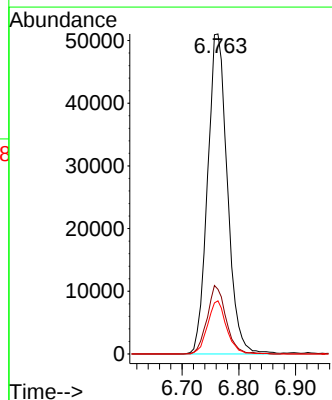
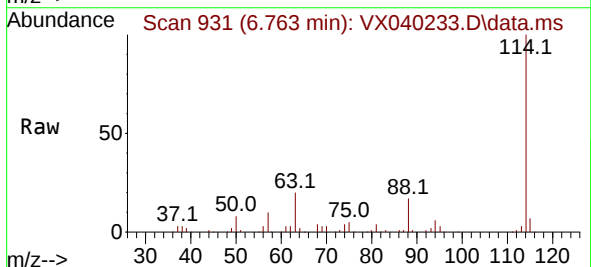
Tgt Ion:114 Resp: 123799

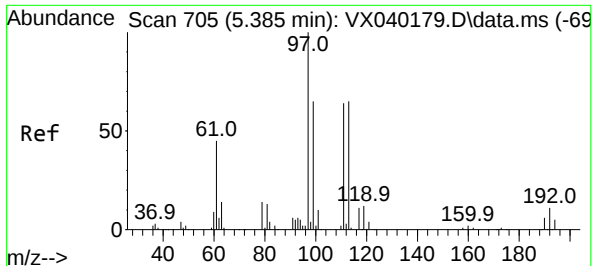
Ion Ratio Lower Upper

114 100

63 20.2 0.0 45.0

88 16.6 0.0 36.6





#35

Dibromofluoromethane

Concen: 45.732 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX040233.D

Acq: 14 Feb 2024 20:08

Instrument :

MSVOA_X

ClientSampleId :

TP-2

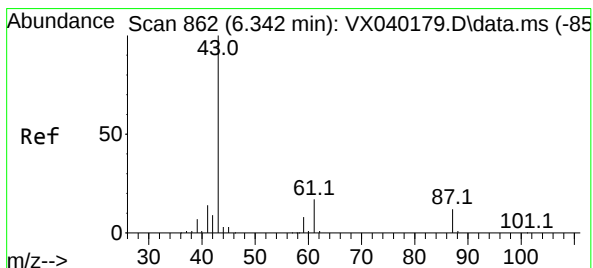
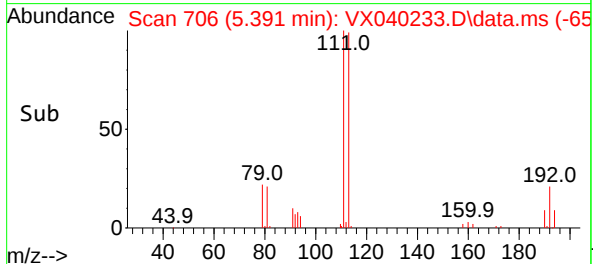
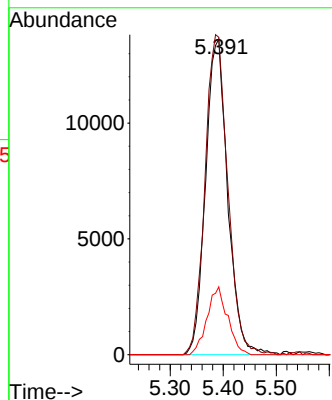
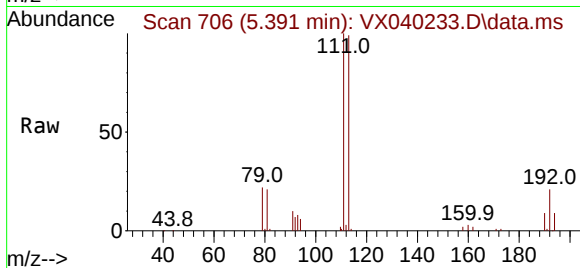
Tgt Ion:113 Resp: 39537

Ion Ratio Lower Upper

113 100

111 104.0 82.9 124.3

192 20.0 13.3 19.9#



#43

Isopropyl Acetate

Concen: 25.299 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX040233.D

Acq: 14 Feb 2024 20:08

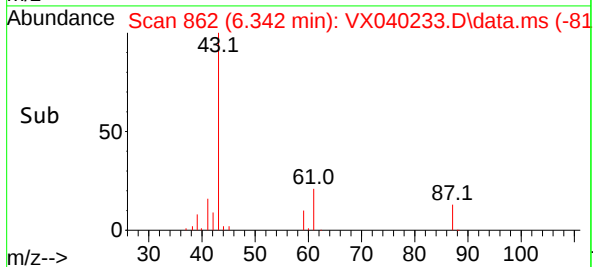
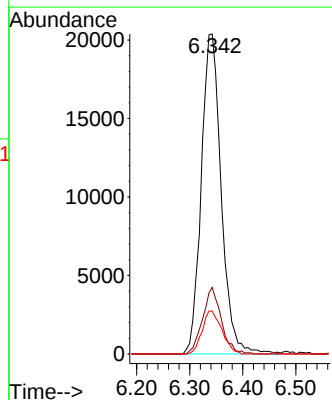
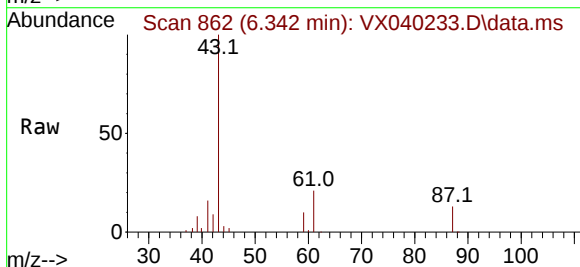
Tgt Ion: 43 Resp: 53219

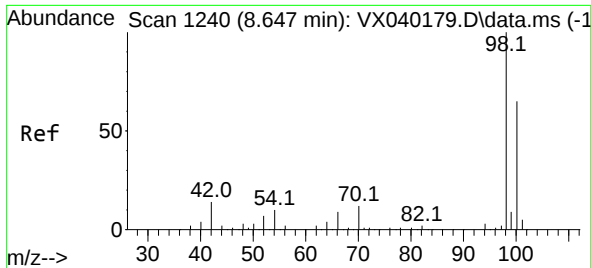
Ion Ratio Lower Upper

43 100

61 19.4 15.2 22.8

87 13.3 9.8 14.6

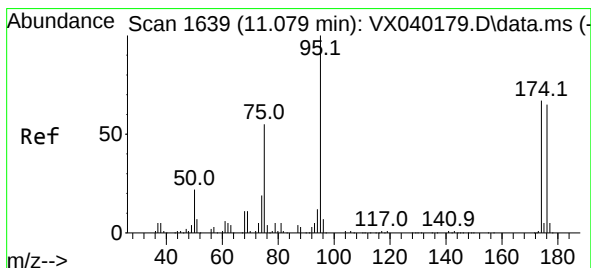
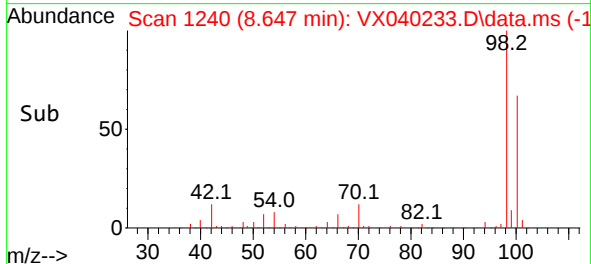
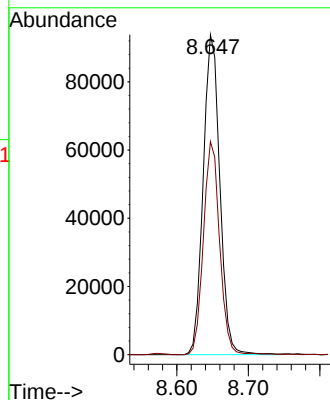
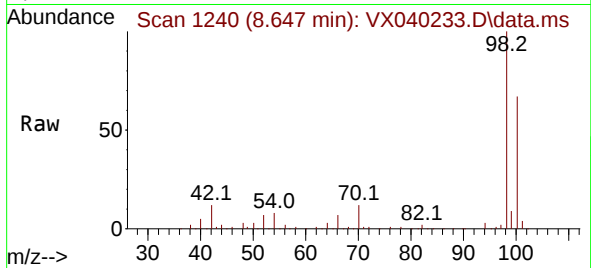




#50
Toluene-d8
Concen: 46.859 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040233.D
Acq: 14 Feb 2024 20:08

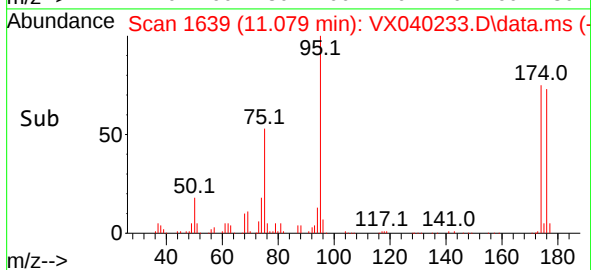
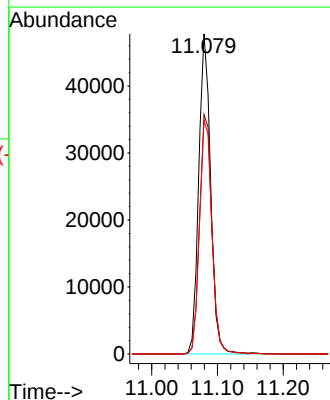
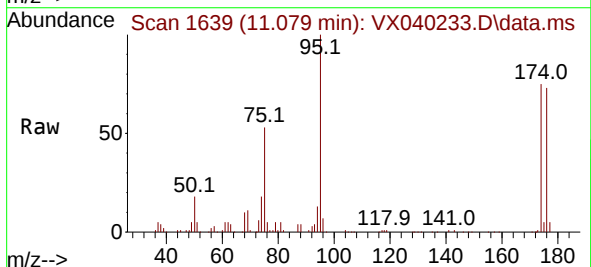
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TP-2

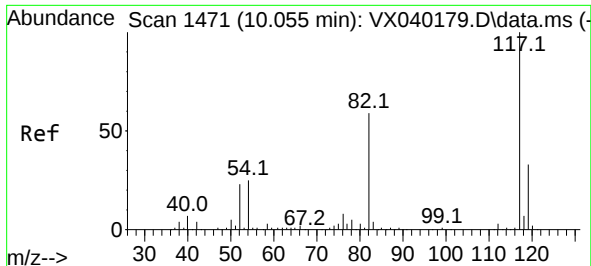
Tgt Ion: 98 Resp: 151541
Ion Ratio Lower Upper
98 100
100 65.0 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 45.576 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040233.D
Acq: 14 Feb 2024 20:08

Tgt Ion: 95 Resp: 60113
Ion Ratio Lower Upper
95 100
174 78.1 0.0 135.6
176 76.6 0.0 131.0

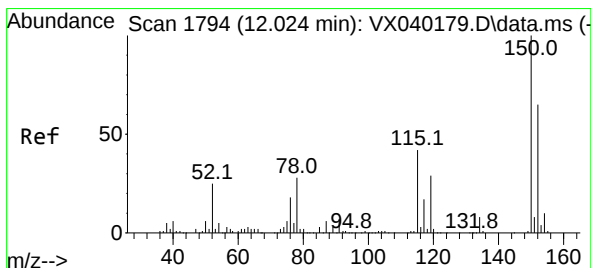
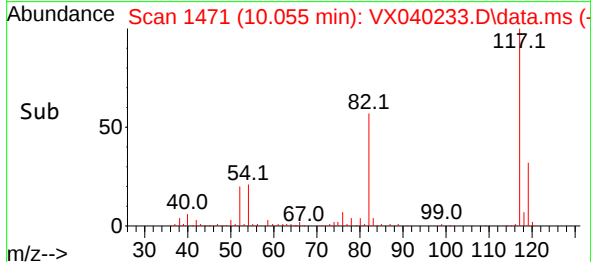
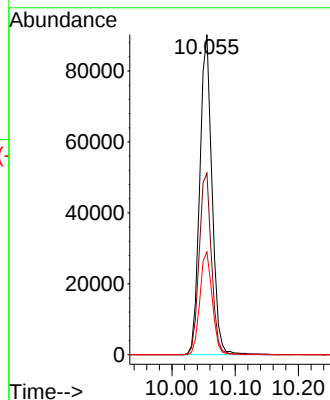
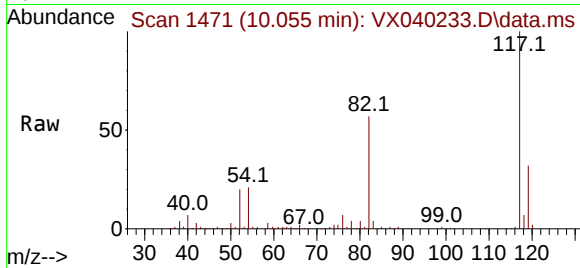




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040233.D
Acq: 14 Feb 2024 20:08

Instrument :
MSVOA_X
ClientSampleId :
TP-2

Tgt Ion:117 Resp: 121672
Ion Ratio Lower Upper
117 100
82 56.7 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: VX040233.D
Acq: 14 Feb 2024 20:08

Tgt Ion:152 Resp: 63642
Ion Ratio Lower Upper
152 100
115 59.5 43.3 129.9
150 154.5 0.0 345.0

