

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092123\
 Data File : VX037854.D
 Acq On : 21 Sep 2023 14:50
 Operator : JC/MD
 Sample : PB155679TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB155679TB

Quant Time: Sep 22 04:44:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

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

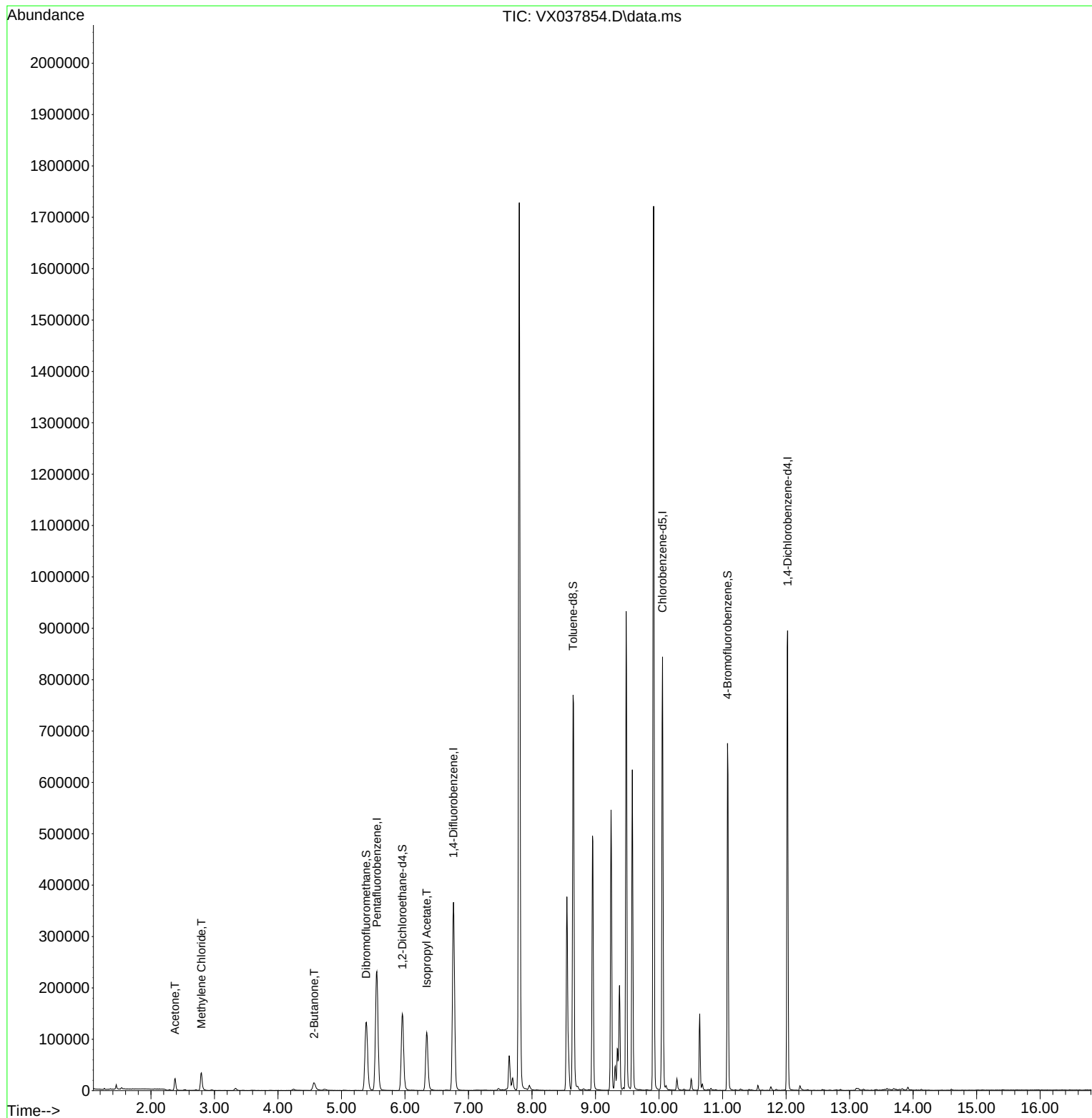
Internal Standards						
1) Pentafluorobenzene	5.556	168	224032	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	384883	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	373266	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	189330	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	143559	48.773	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.540%
35) Dibromofluoromethane	5.385	113	119922	46.567	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.140%
50) Toluene-d8	8.647	98	470995	49.222	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.440%
62) 4-Bromofluorobenzene	11.079	95	173847	49.998	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.000%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	24957	17.625	ug/l	# 89
20) Methylene Chloride	2.794	84	18254	6.951	ug/l	89
25) 2-Butanone	4.568	43	15193	7.603	ug/l	98
43) Isopropyl Acetate	6.342	43	153182	24.563	ug/l	# 95

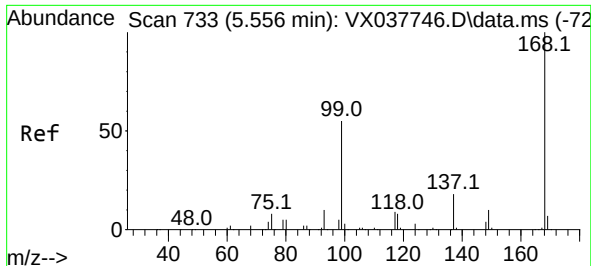
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1
Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.556 min Scan# 71

Delta R.T. 0.006 min

Lab File: VX037854.D

Acq: 21 Sep 2023 14:50

Instrument :

MSVOA_X

ClientSampleId :

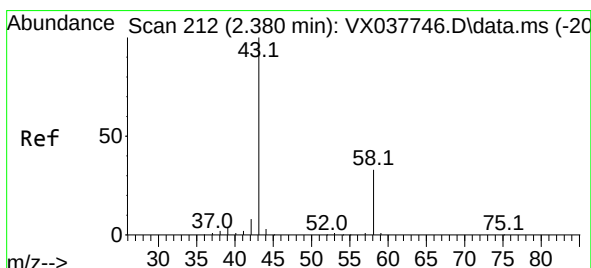
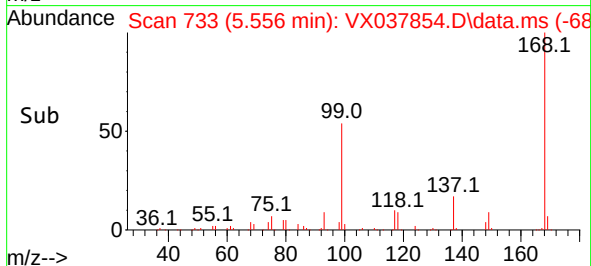
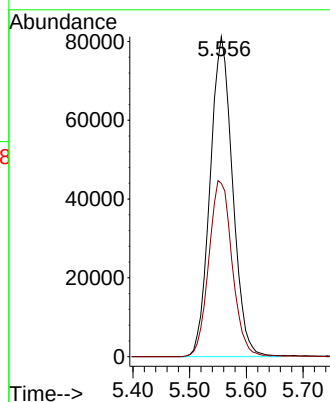
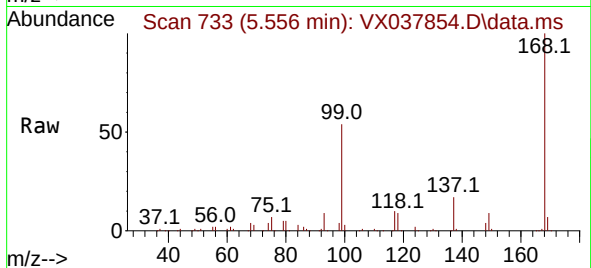
PB155679TB

Tgt Ion:168 Resp: 224032

Ion Ratio Lower Upper

168 100

99 54.2 56.6 85.0#



#16

Acetone

Concen: 17.625 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX037854.D

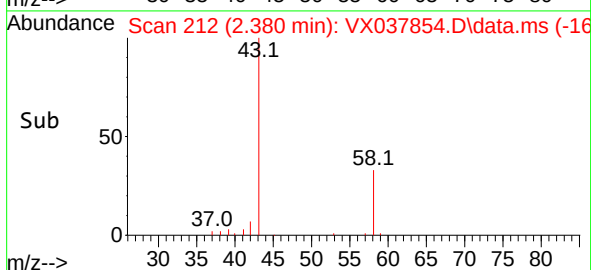
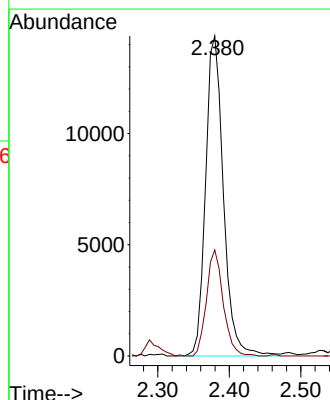
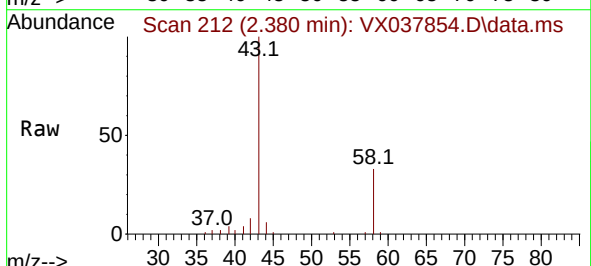
Acq: 21 Sep 2023 14:50

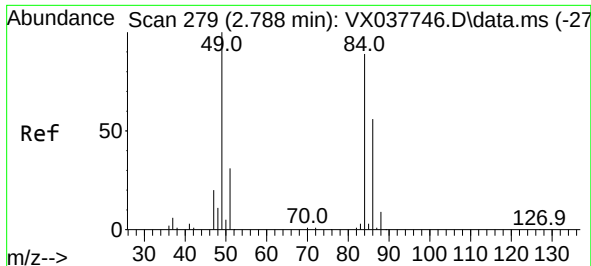
Tgt Ion: 43 Resp: 24957

Ion Ratio Lower Upper

43 100

58 33.1 21.9 32.9#

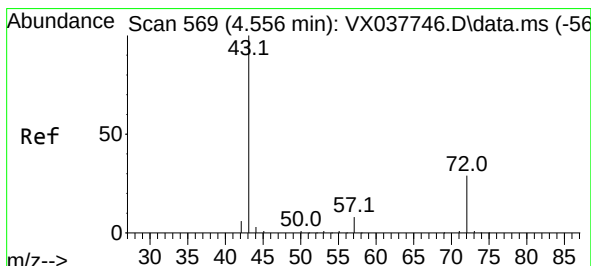
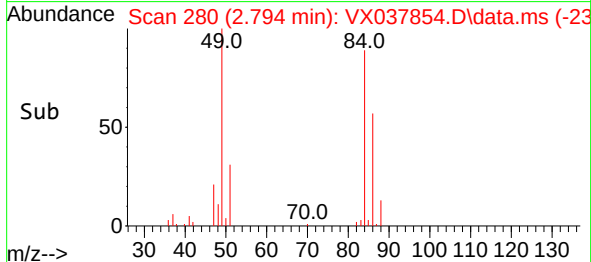
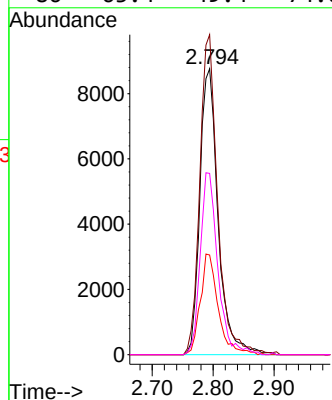
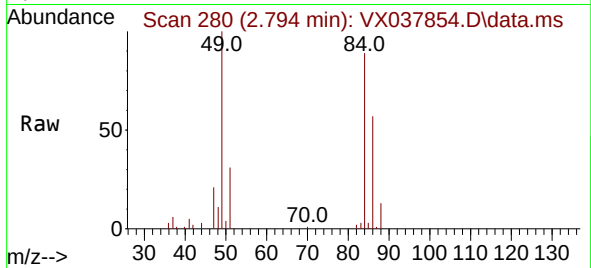




#20
Methylene Chloride
Concen: 6.951 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX037854.D
Acq: 21 Sep 2023 14:50

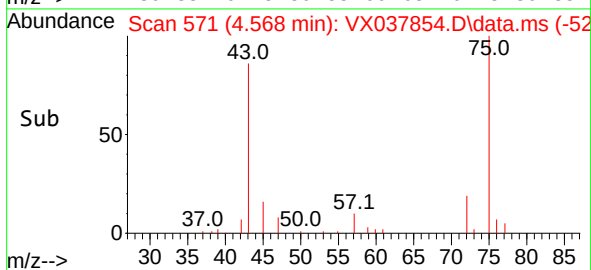
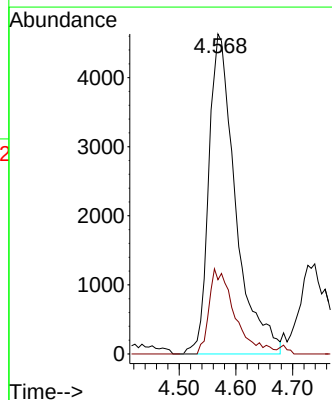
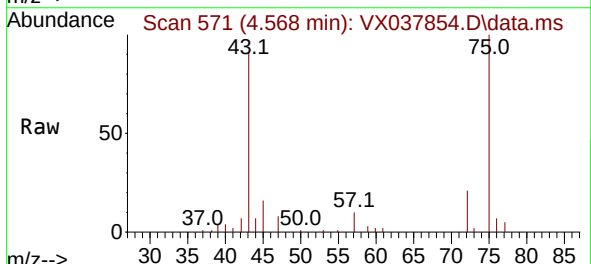
Instrument :
MSVOA_X
ClientSampleId :
PB155679TB

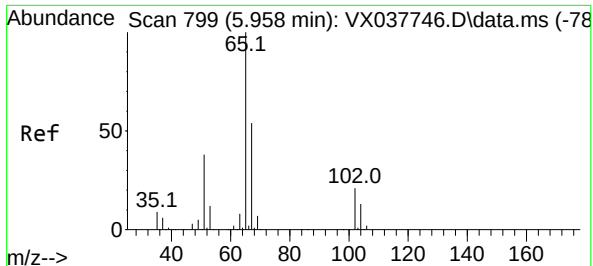
Tgt Ion: 84	Resp: 18254		
Ion	Ratio	Lower	Upper
84	100		
49	111.9	103.6	155.4
51	34.8	33.8	50.6
86	63.4	49.4	74.0



#25
2-Butanone
Concen: 7.603 ug/l
RT: 4.568 min Scan# 571
Delta R.T. -0.000 min
Lab File: VX037854.D
Acq: 21 Sep 2023 14:50

Tgt Ion: 43	Resp: 15193
Ion Ratio	Lower Upper
43 100	
72 23.2	19.4 29.2





#33

1,2-Dichloroethane-d4

Concen: 48.773 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX037854.D

Acq: 21 Sep 2023 14:50

Instrument :

MSVOA_X

ClientSampleId :

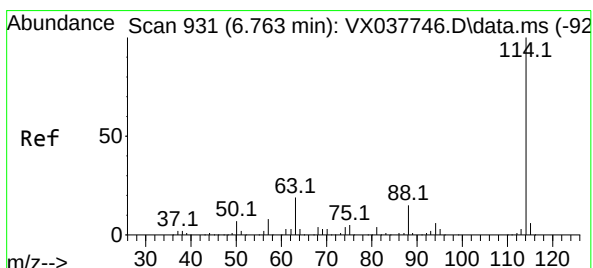
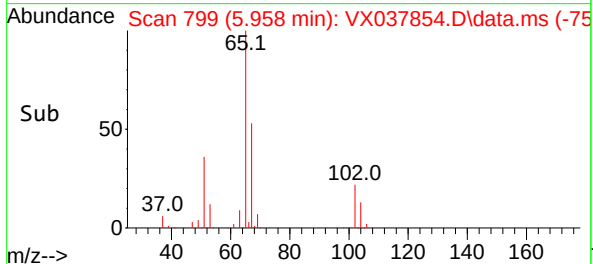
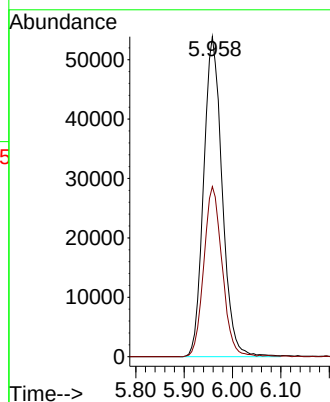
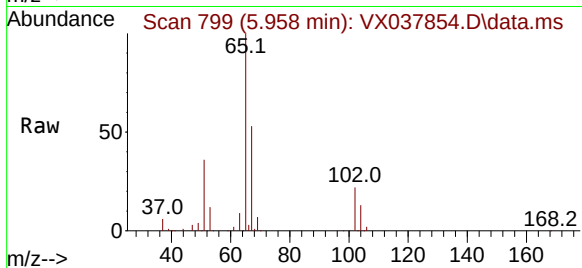
PB155679TB

Tgt Ion: 65 Resp: 143559

Ion Ratio Lower Upper

65 100

67 52.6 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: VX037854.D

Acq: 21 Sep 2023 14:50

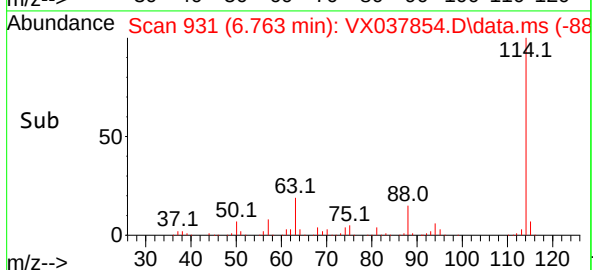
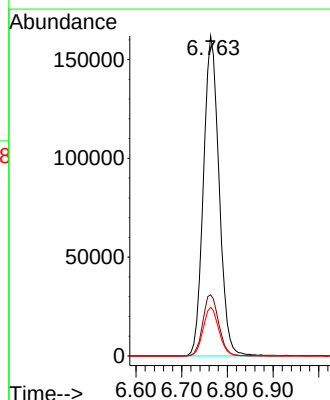
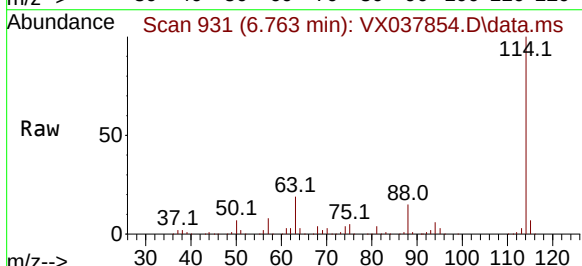
Tgt Ion: 114 Resp: 384883

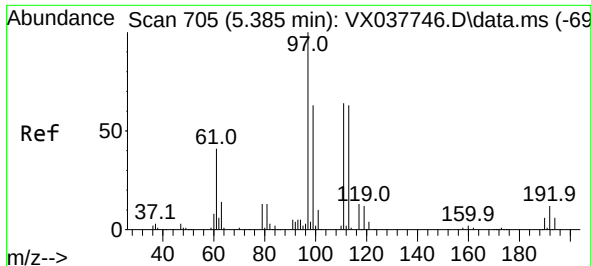
Ion Ratio Lower Upper

114 100

63 19.1 0.0 45.0

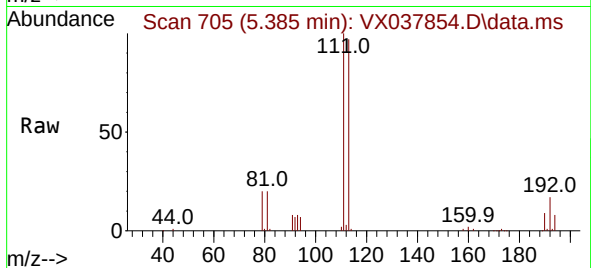
88 15.2 0.0 36.6



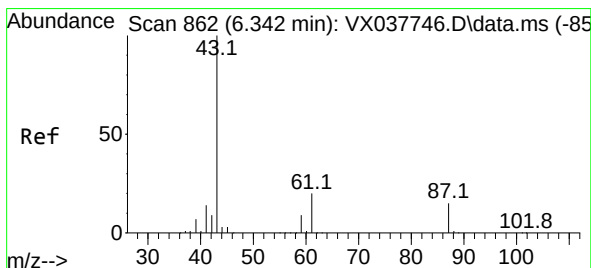
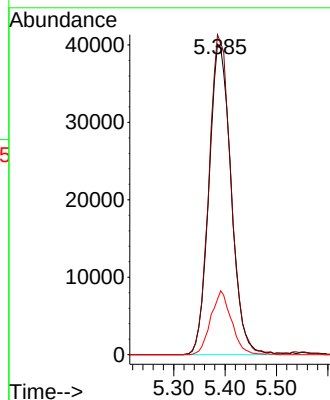
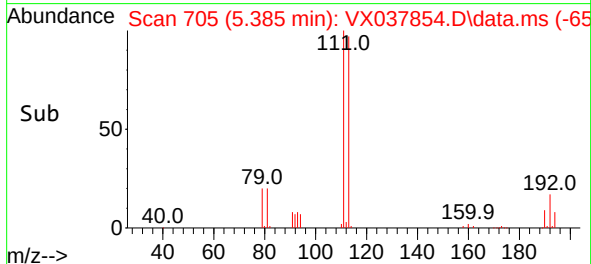


#35
Dibromofluoromethane
Concen: 46.567 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037854.D
Acq: 21 Sep 2023 14:50

Instrument :
MSVOA_X
ClientSampleId :
PB155679TB

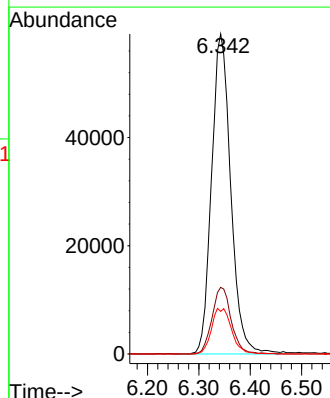
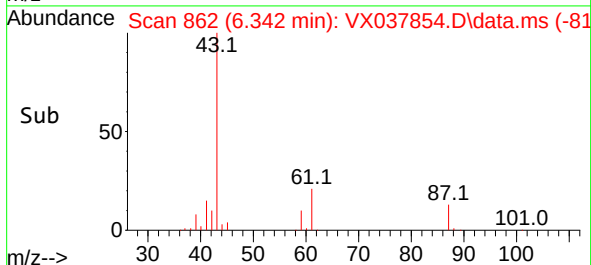
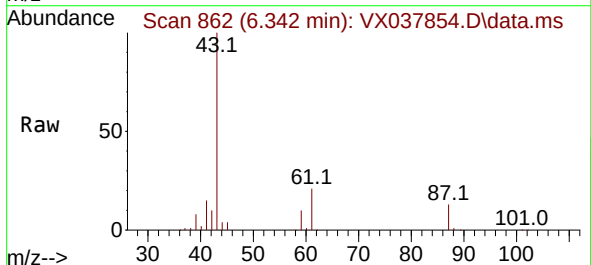


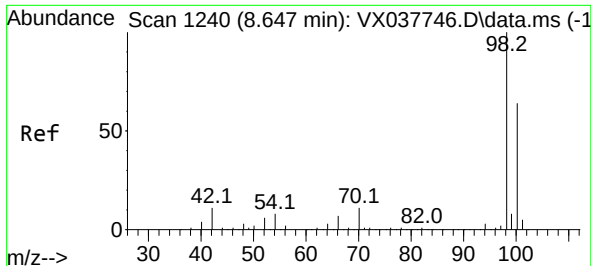
Tgt Ion:113 Resp: 119922
Ion Ratio Lower Upper
113 100
111 102.5 82.9 124.3
192 19.2 13.3 19.9



#43
Isopropyl Acetate
Concen: 24.563 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX037854.D
Acq: 21 Sep 2023 14:50

Tgt Ion: 43 Resp: 153182
Ion Ratio Lower Upper
43 100
61 20.9 15.2 22.8
87 14.8 9.8 14.6#

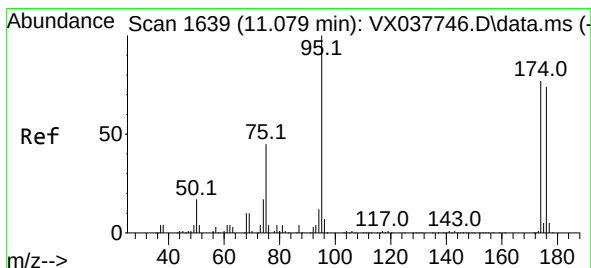
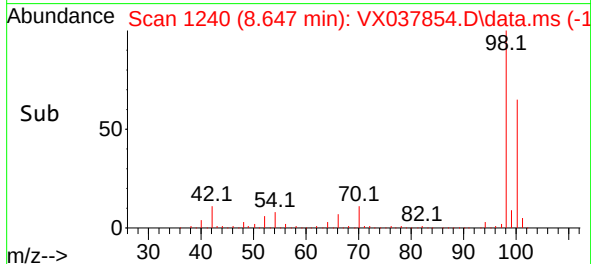
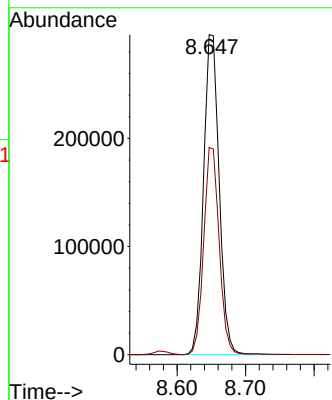
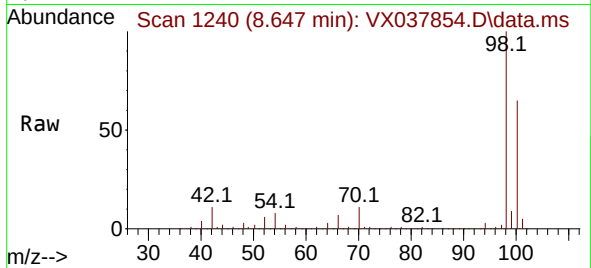




#50
Toluene-d8
Concen: 49.222 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037854.D
Acq: 21 Sep 2023 14:50

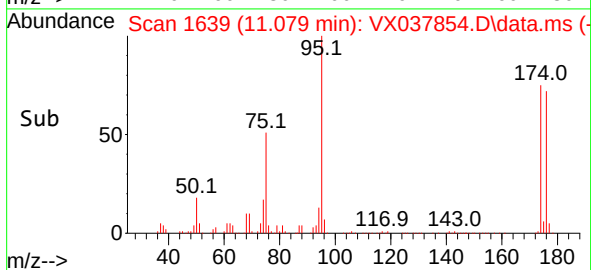
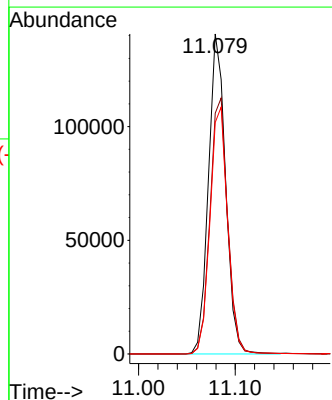
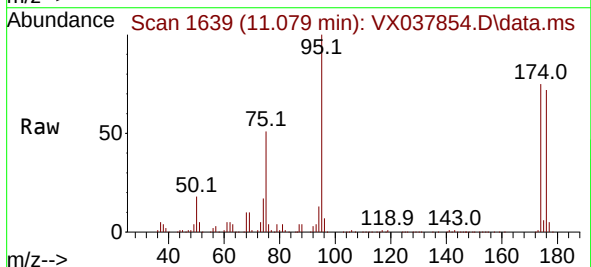
Instrument :
MSVOA_X
ClientSampleId :
PB155679TB

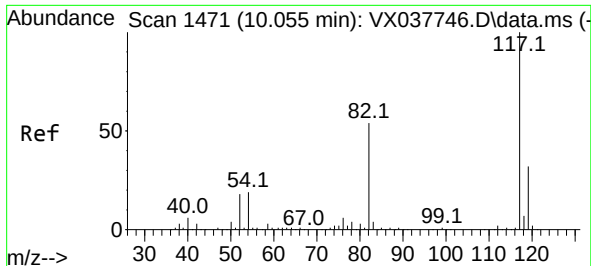
Tgt Ion: 98 Resp: 470995
Ion Ratio Lower Upper
98 100
100 63.9 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 49.998 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037854.D
Acq: 21 Sep 2023 14:50

Tgt Ion: 95 Resp: 173847
Ion Ratio Lower Upper
95 100
174 82.9 0.0 135.6
176 79.8 0.0 131.0

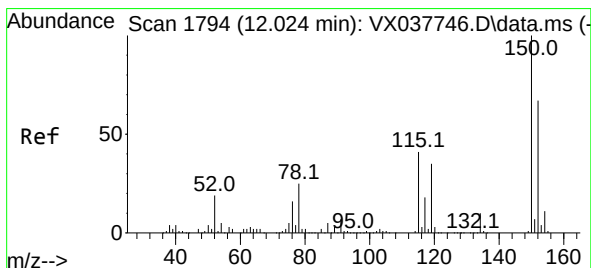
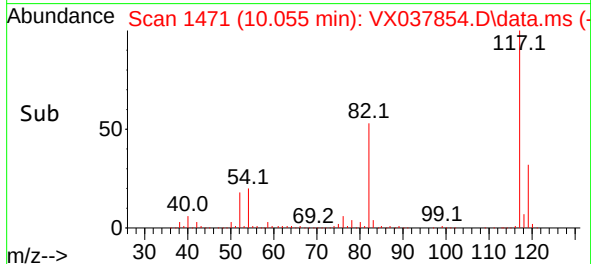
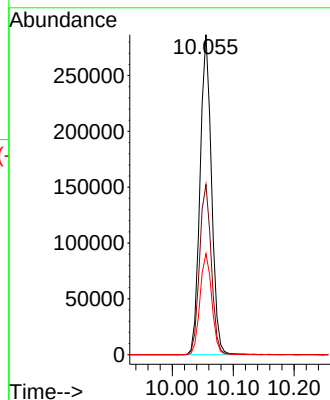
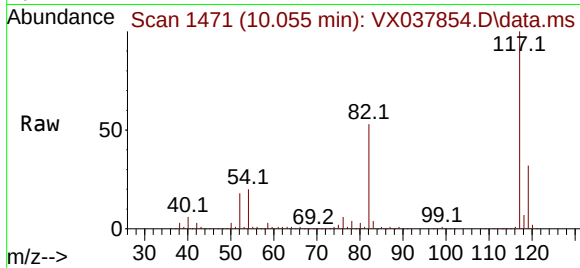




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037854.D
Acq: 21 Sep 2023 14:50

Instrument :
MSVOA_X
ClientSampleId :
PB155679TB

Tgt Ion:117 Resp: 373266
Ion Ratio Lower Upper
117 100
82 53.2 46.2 69.4
119 31.5 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: VX037854.D
Acq: 21 Sep 2023 14:50

Tgt Ion:152 Resp: 189330
Ion Ratio Lower Upper
152 100
115 59.4 43.3 129.9
150 156.7 0.0 345.0

