

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091923\
 Data File : VX037813.D
 Acq On : 19 Sep 2023 17:59
 Operator : JC/MD
 Sample : PB155628TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB155628TB

Quant Time: Sep 20 01:06:23 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)

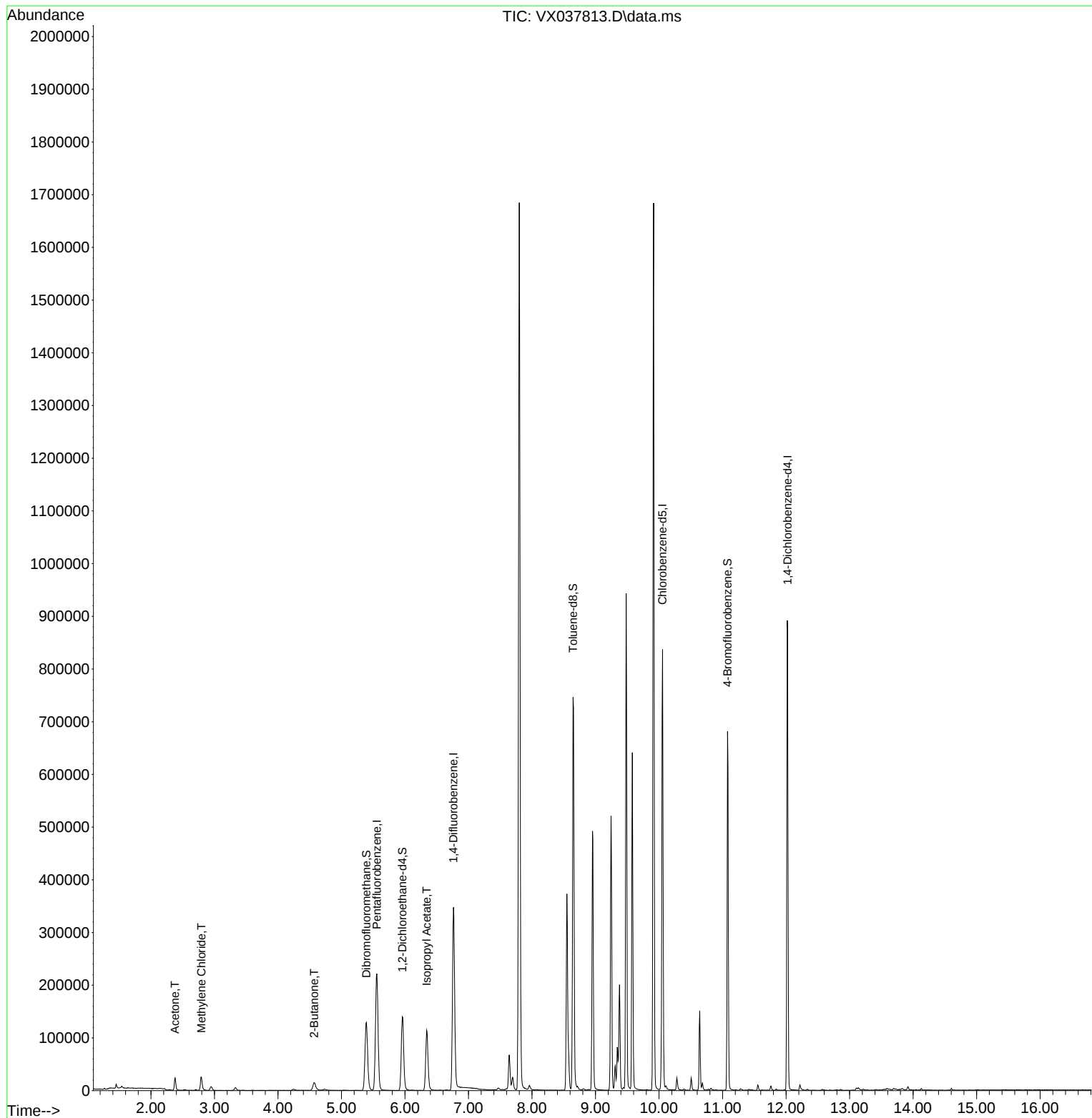
Internal Standards						
1) Pentafluorobenzene	5.556	168	214357	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	366918	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	372524	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	193747	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	135345	48.057	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.120%
35) Dibromofluoromethane	5.391	113	114221	46.525	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.040%
50) Toluene-d8	8.647	98	457307	50.132	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.260%
62) 4-Bromofluorobenzene	11.079	95	177086	53.423	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.840%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	23861	17.612	ug/l	92
20) Methylene Chloride	2.794	84	13372	5.316	ug/l #	88
25) 2-Butanone	4.568	43	14824	7.754	ug/l	97
43) Isopropyl Acetate	6.342	43	153902	25.887	ug/l	95

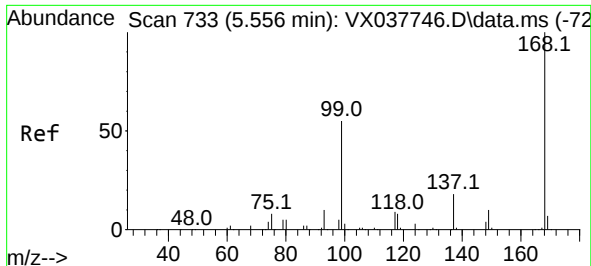
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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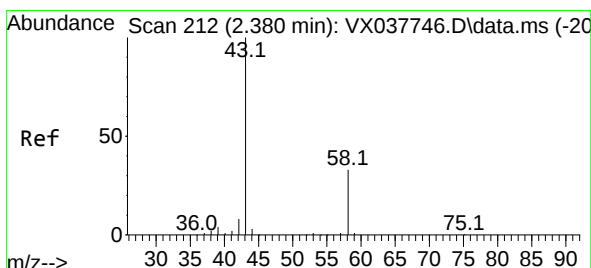
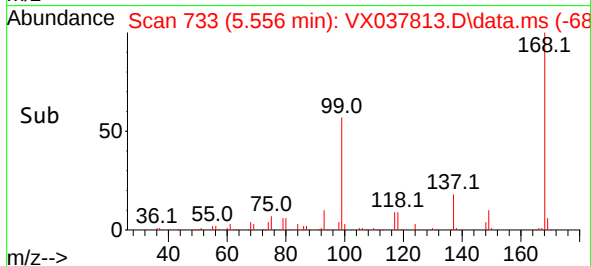
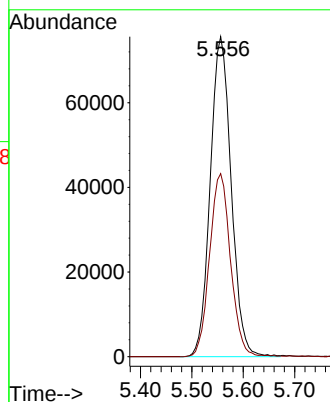
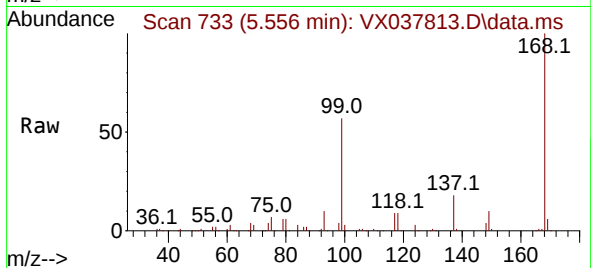




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037813.D
Acq: 19 Sep 2023 17:59

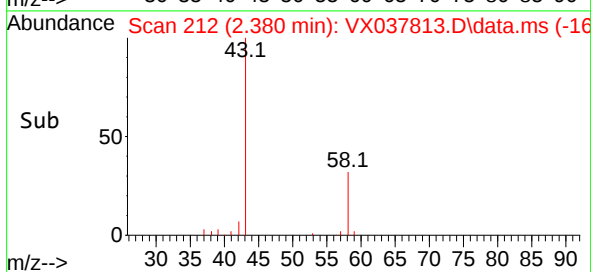
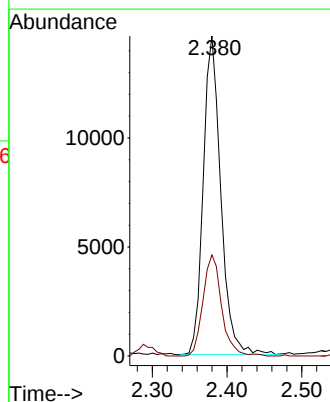
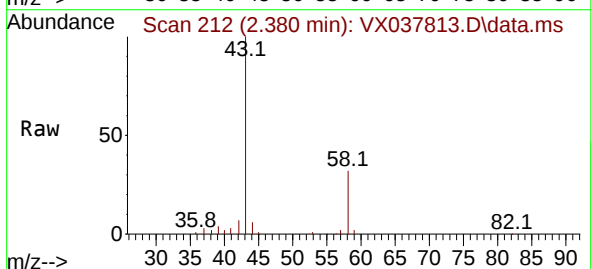
Instrument :
MSVOA_X
ClientSampleId :
PB155628TB

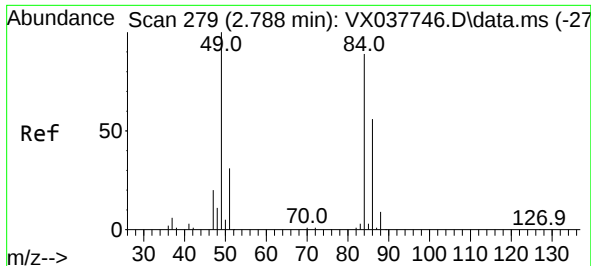
Tgt Ion:168 Resp: 214357
Ion Ratio Lower Upper
168 100
99 57.2 56.6 85.0



#16
Acetone
Concen: 17.612 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX037813.D
Acq: 19 Sep 2023 17:59

Tgt Ion: 43 Resp: 23861
Ion Ratio Lower Upper
43 100
58 31.7 21.9 32.9





#20

Methylene Chloride

Concen: 5.316 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX037813.D

Acq: 19 Sep 2023 17:59

Instrument :

MSVOA_X

ClientSampleId :

PB155628TB

Tgt Ion: 84 Resp: 13372

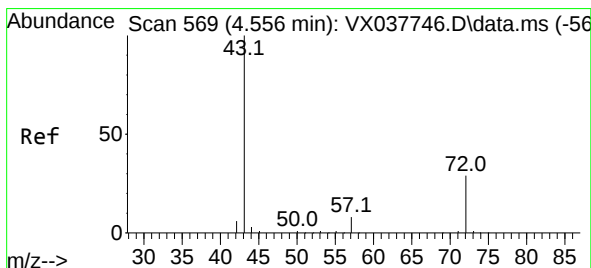
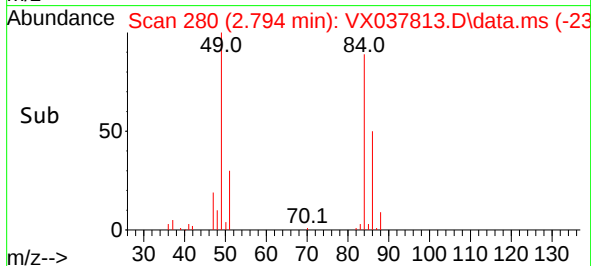
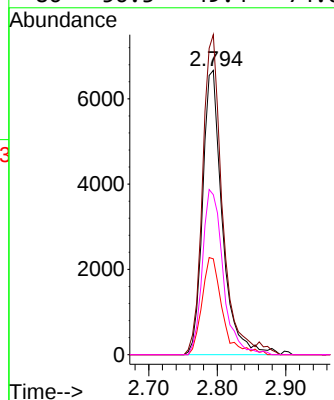
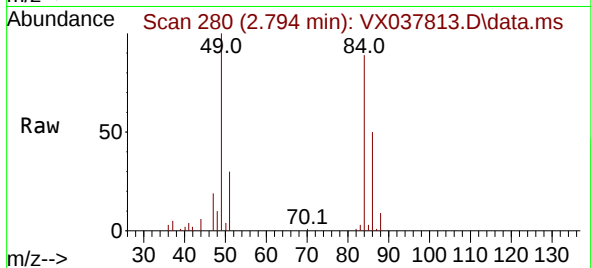
Ion Ratio Lower Upper

84 100

49 112.6 103.6 155.4

51 33.7 33.8 50.6#

86 56.3 49.4 74.0



#25

2-Butanone

Concen: 7.754 ug/l

RT: 4.568 min Scan# 571

Delta R.T. -0.000 min

Lab File: VX037813.D

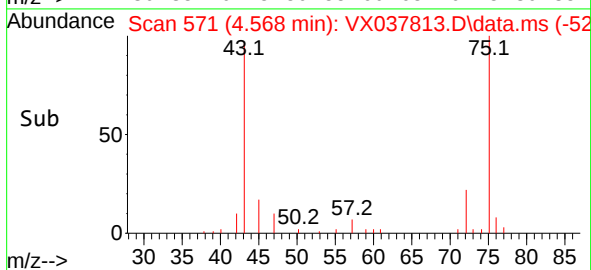
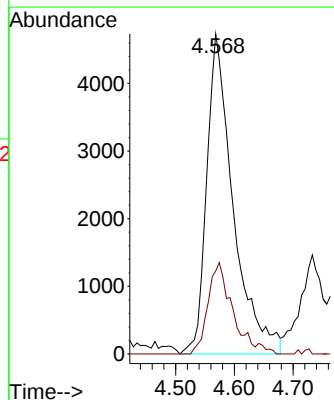
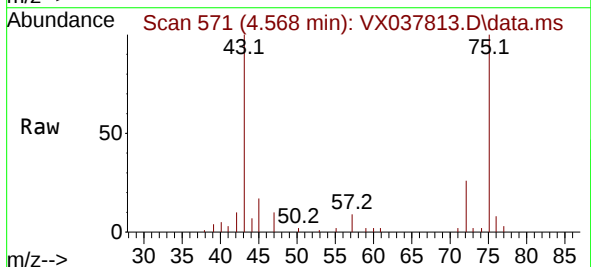
Acq: 19 Sep 2023 17:59

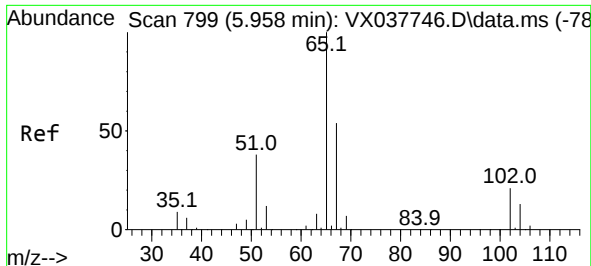
Tgt Ion: 43 Resp: 14824

Ion Ratio Lower Upper

43 100

72 26.0 19.4 29.2

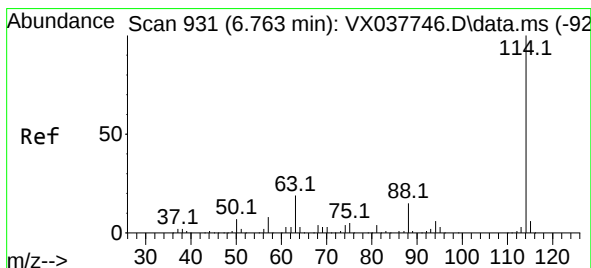
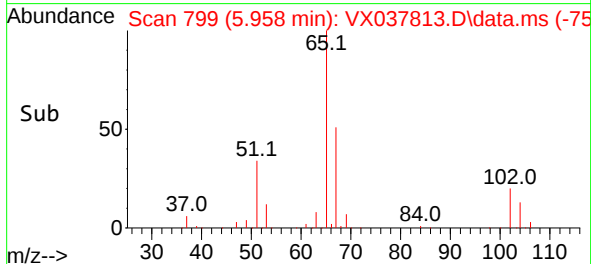
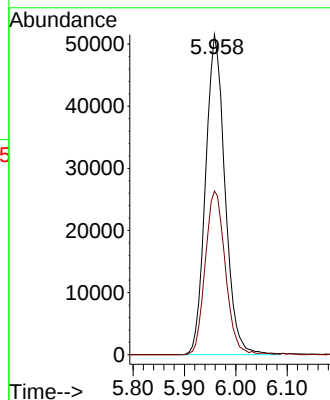
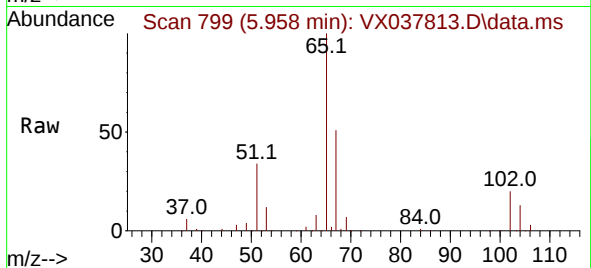




#33
 1,2-Dichloroethane-d4
 Concen: 48.057 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX037813.D
 Acq: 19 Sep 2023 17:59

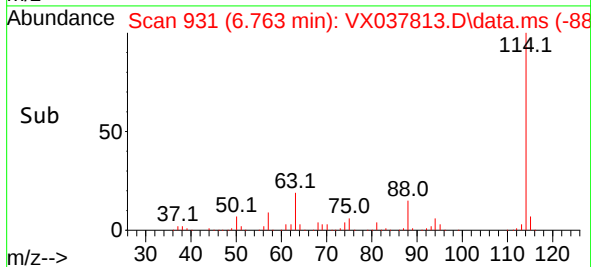
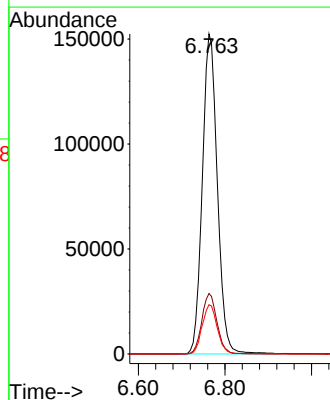
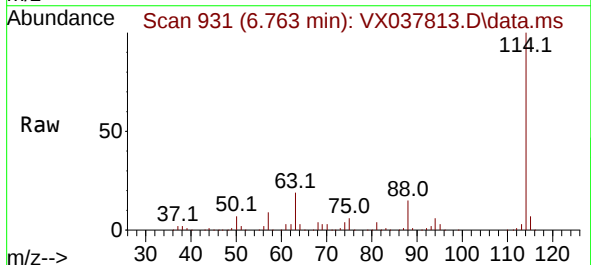
Instrument :
 MSVOA_X
 ClientSampleId :
 PB155628TB

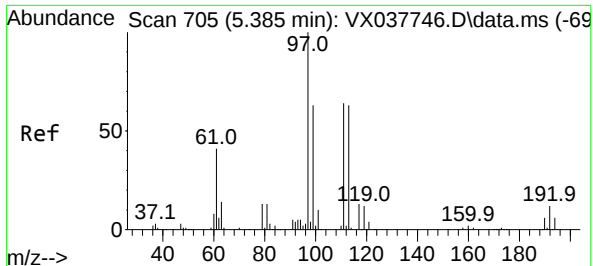
Tgt Ion: 65 Resp: 135345
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX037813.D
 Acq: 19 Sep 2023 17:59

Tgt Ion: 114 Resp: 366918
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 45.0
 88 15.4 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.525 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX037813.D

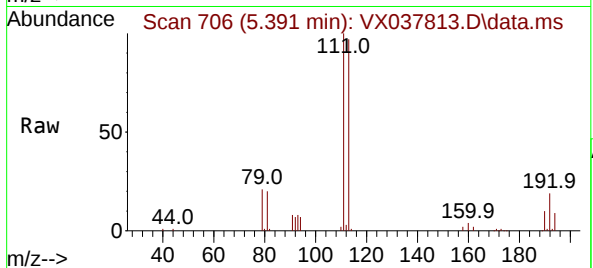
Acq: 19 Sep 2023 17:59

Instrument :

MSVOA_X

ClientSampleId :

PB155628TB



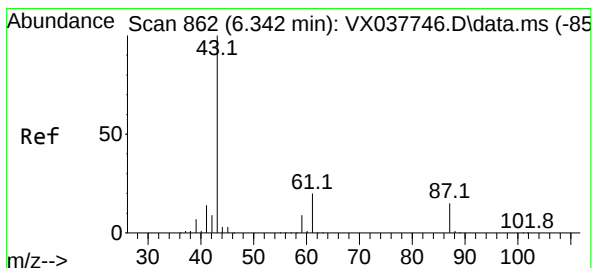
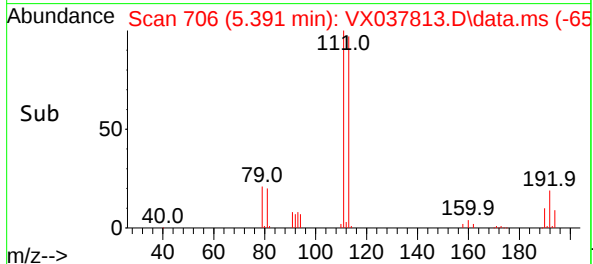
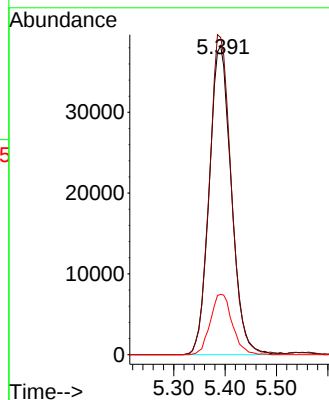
Tgt Ion:113 Resp: 114221

Ion Ratio Lower Upper

113 100

111 102.5 82.9 124.3

192 19.4 13.3 19.9



#43

Isopropyl Acetate

Concen: 25.887 ug/l

RT: 6.342 min Scan# 862

Delta R.T. -0.000 min

Lab File: VX037813.D

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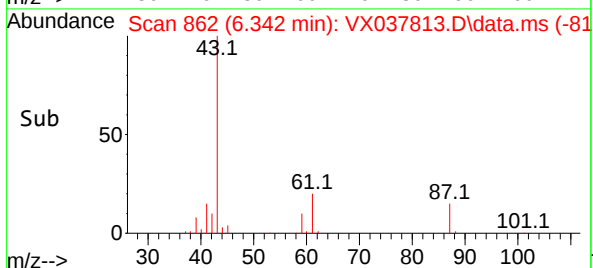
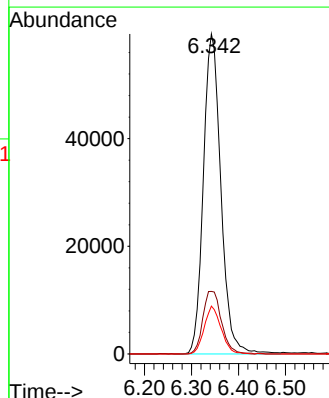
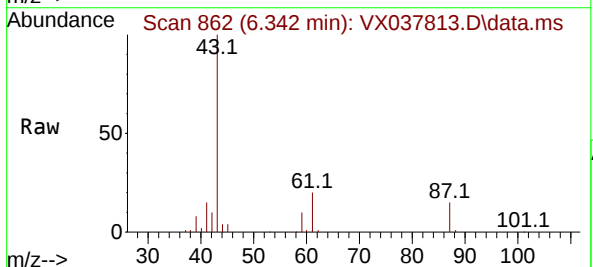
Tgt Ion: 43 Resp: 153902

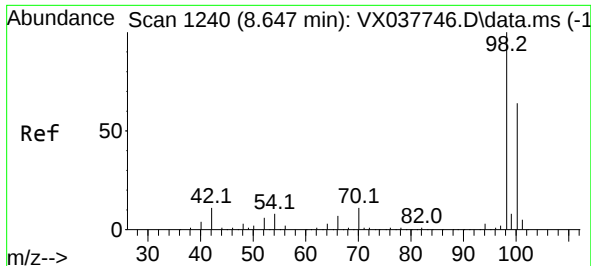
Ion Ratio Lower Upper

43 100

61 20.7 15.2 22.8

87 14.4 9.8 14.6

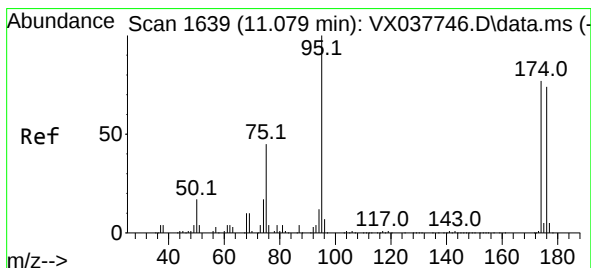
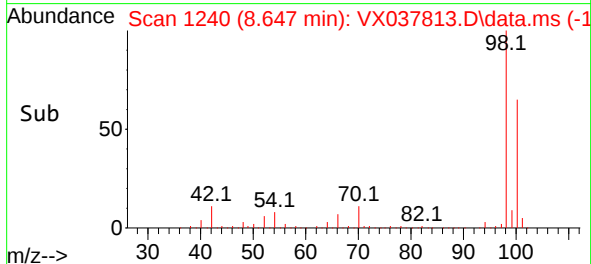
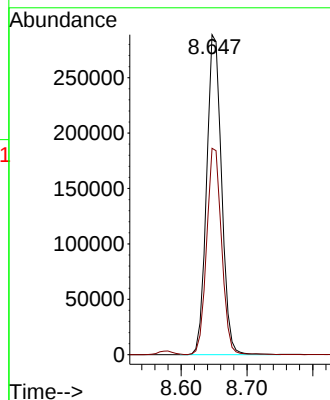
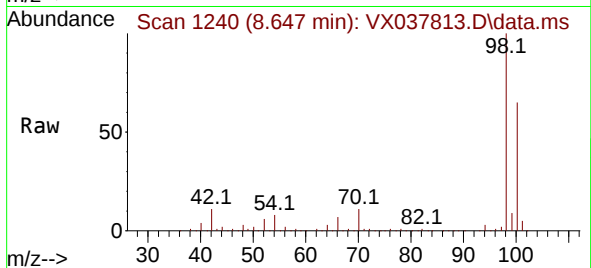




#50
Toluene-d8
Concen: 50.132 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037813.D
Acq: 19 Sep 2023 17:59

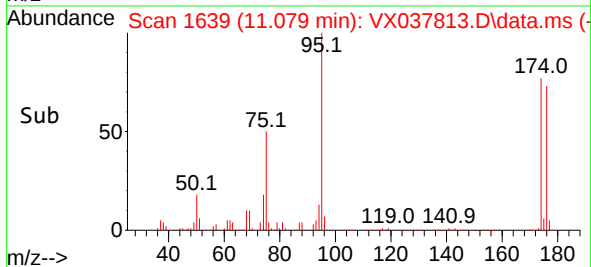
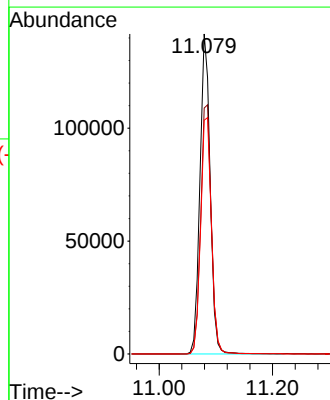
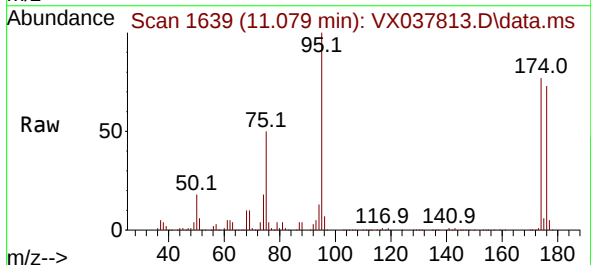
Instrument :
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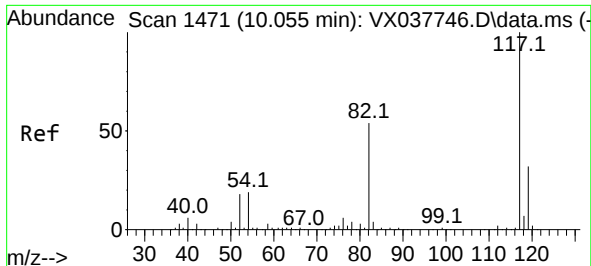
Tgt Ion: 98 Resp: 457307
Ion Ratio Lower Upper
98 100
100 64.3 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 53.423 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037813.D
Acq: 19 Sep 2023 17:59

Tgt Ion: 95 Resp: 177086
Ion Ratio Lower Upper
95 100
174 81.3 0.0 135.6
176 78.3 0.0 131.0

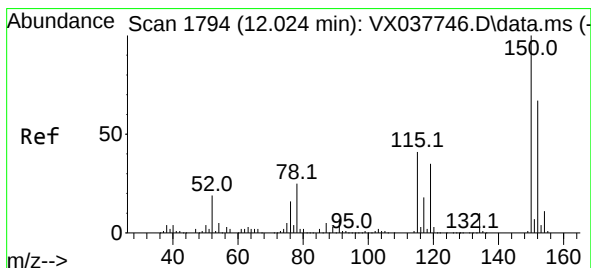
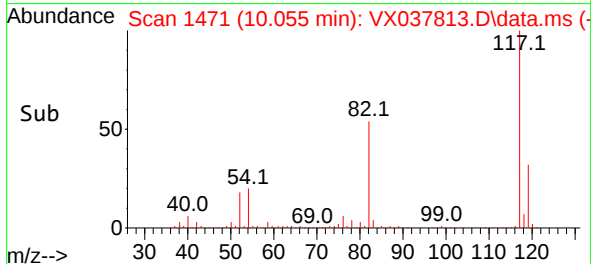
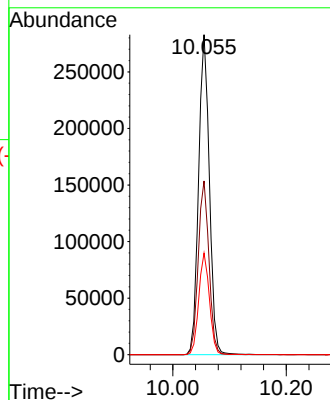
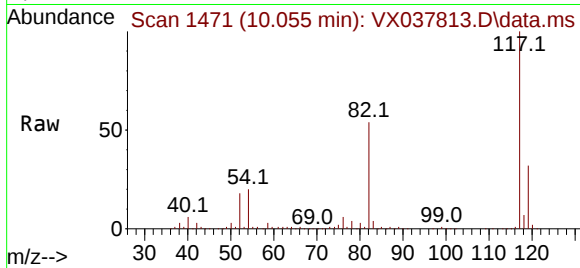




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037813.D
Acq: 19 Sep 2023 17:59

Instrument :
MSVOA_X
ClientSampleId :
PB155628TB

Tgt Ion:117 Resp: 372524
Ion Ratio Lower Upper
117 100
82 54.3 46.2 69.4
119 31.7 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: VX037813.D
Acq: 19 Sep 2023 17:59

Tgt Ion:152 Resp: 193747
Ion Ratio Lower Upper
152 100
115 59.7 43.3 129.9
150 156.7 0.0 345.0

