

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091923\
 Data File : VX037812.D
 Acq On : 19 Sep 2023 17:36
 Operator : JC/MD
 Sample : 04460-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DEL-1-LEFT-SIDE

Quant Time: Sep 20 01:05:58 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)

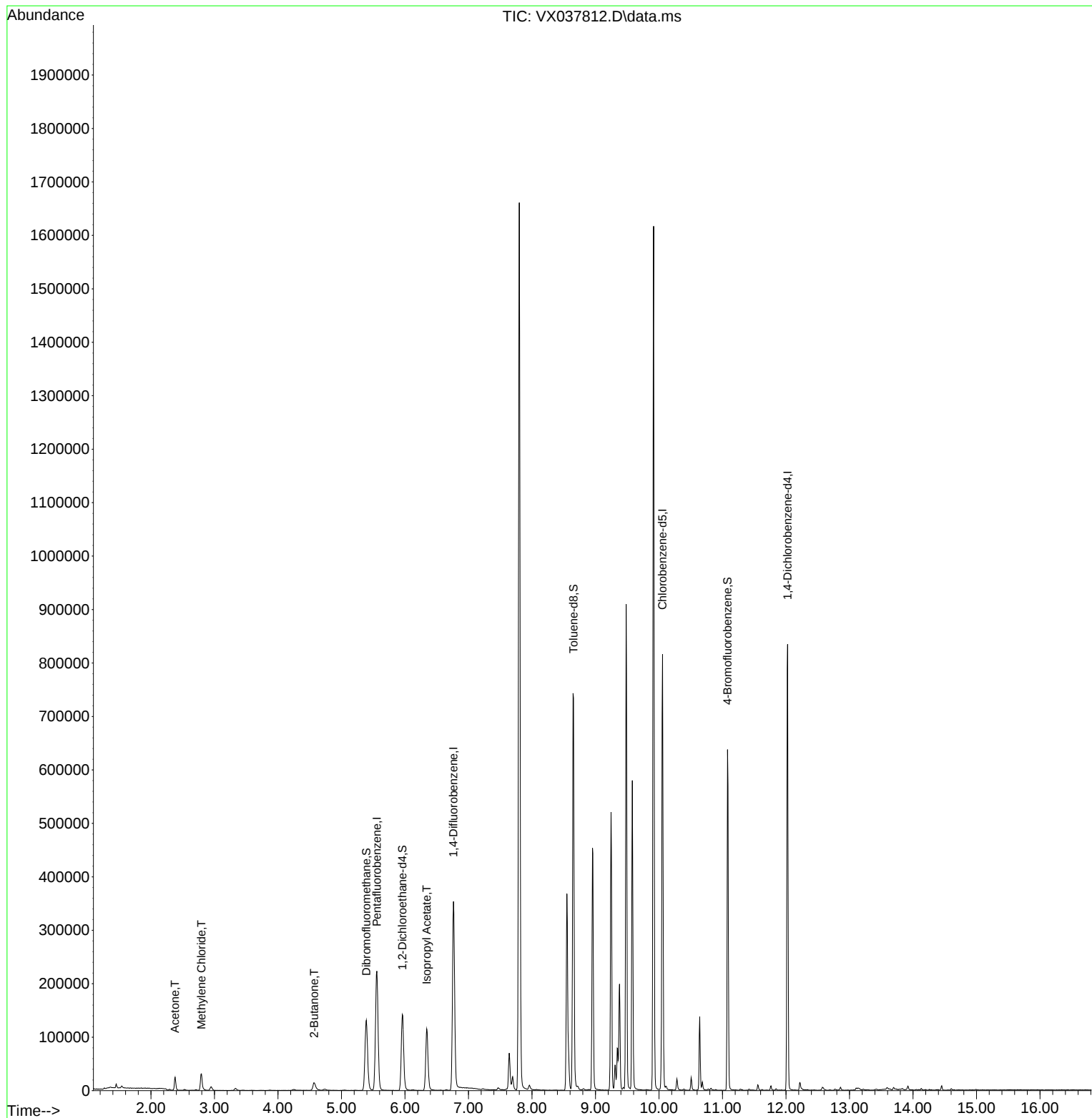
Internal Standards						
1) Pentafluorobenzene	5.556	168	215799	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	368595	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	362022	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	176443	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	136347	48.090	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.180%
35) Dibromofluoromethane	5.391	113	114940	46.604	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.200%
50) Toluene-d8	8.653	98	458004	49.980	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.960%
62) 4-Bromofluorobenzene	11.079	95	167852	50.407	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.820%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	25342	18.580	ug/l	92
20) Methylene Chloride	2.794	84	16130	6.375	ug/l	91
25) 2-Butanone	4.568	43	15164	7.878	ug/l	95
43) Isopropyl Acetate	6.342	43	154125	25.807	ug/l	96

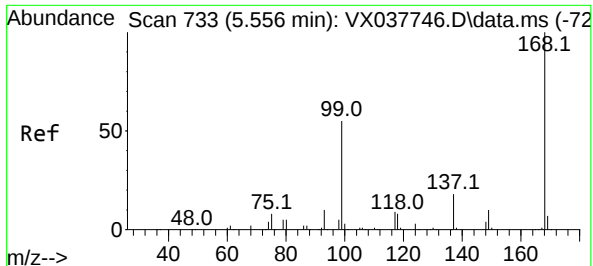
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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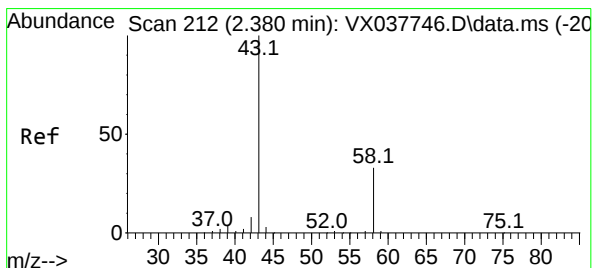
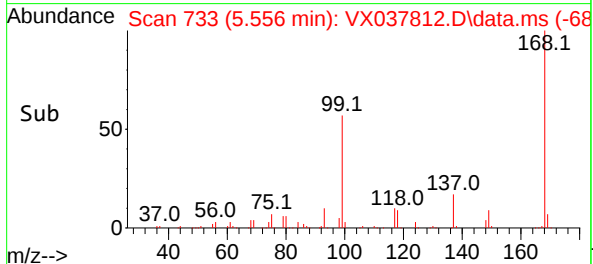
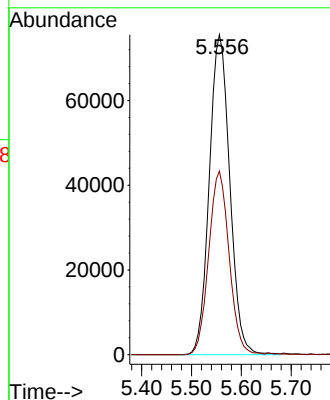
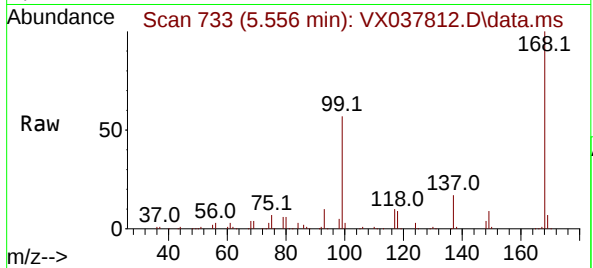




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037812.D
Acq: 19 Sep 2023 17:36

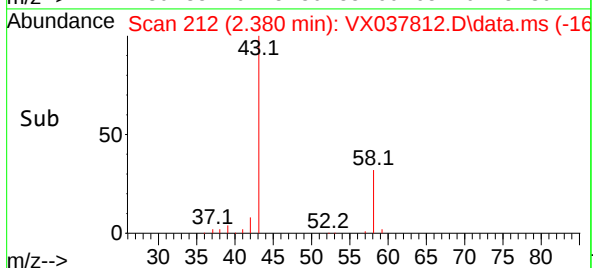
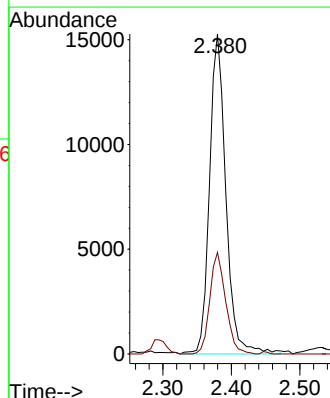
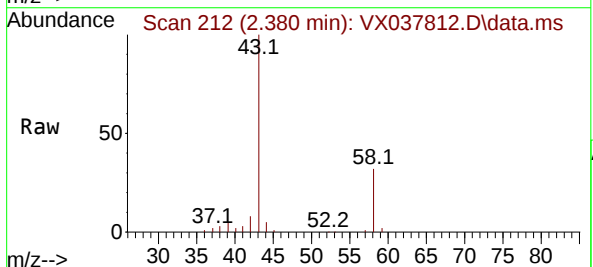
Instrument :
MSVOA_X
ClientSampleId :
DEL-1-LEFT-SIDE

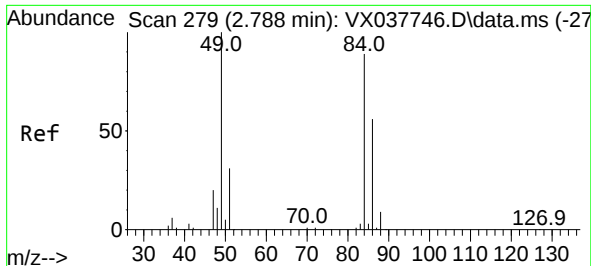
Tgt Ion:168 Resp: 215799
Ion Ratio Lower Upper
168 100
99 57.3 56.6 85.0



#16
Acetone
Concen: 18.580 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX037812.D
Acq: 19 Sep 2023 17:36

Tgt Ion: 43 Resp: 25342
Ion Ratio Lower Upper
43 100
58 31.7 21.9 32.9





#20

Methylene Chloride

Concen: 6.375 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX037812.D

Acq: 19 Sep 2023 17:36

Instrument :

MSVOA_X

ClientSampleId :

DEL-1-LEFT-SIDE

Tgt Ion: 84 Resp: 16130

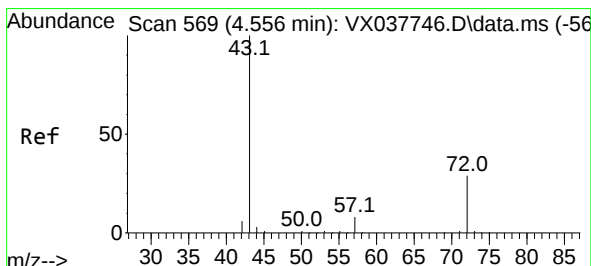
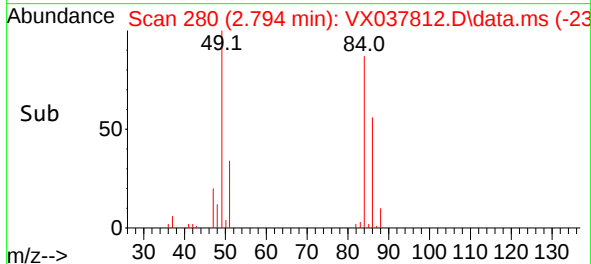
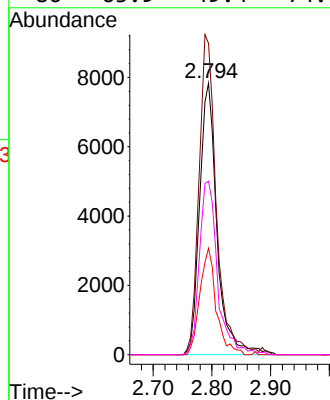
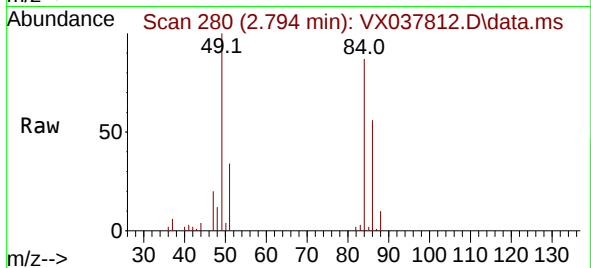
Ion Ratio Lower Upper

84 100

49 114.7 103.6 155.4

51 39.2 33.8 50.6

86 63.9 49.4 74.0



#25

2-Butanone

Concen: 7.878 ug/l

RT: 4.568 min Scan# 571

Delta R.T. 0.000 min

Lab File: VX037812.D

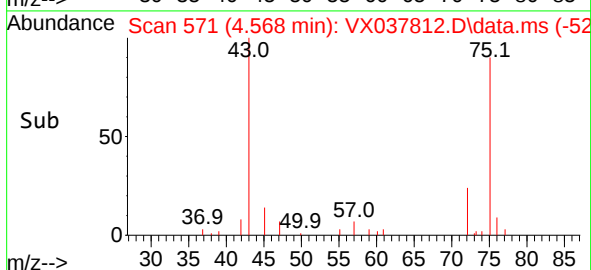
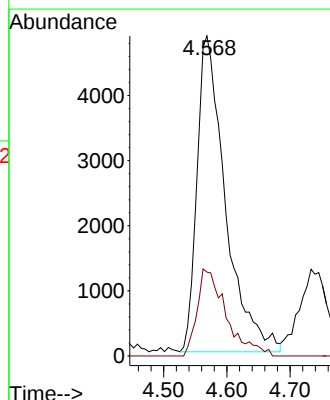
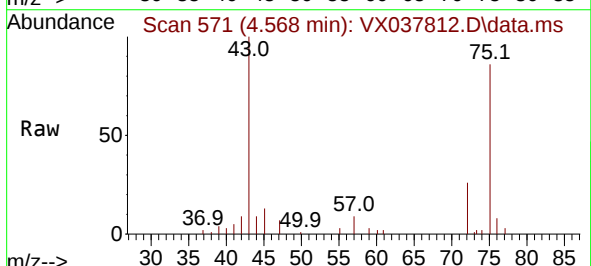
Acq: 19 Sep 2023 17:36

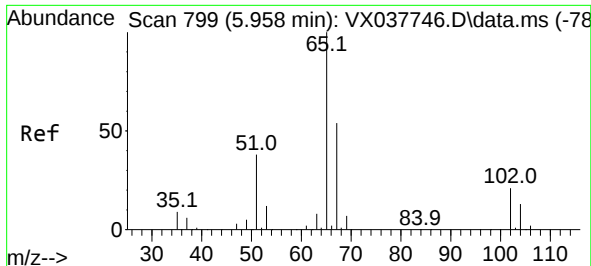
Tgt Ion: 43 Resp: 15164

Ion Ratio Lower Upper

43 100

72 26.6 19.4 29.2





#33

1,2-Dichloroethane-d4

Concen: 48.090 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX037812.D

Acq: 19 Sep 2023 17:36

Instrument :

MSVOA_X

ClientSampleId :

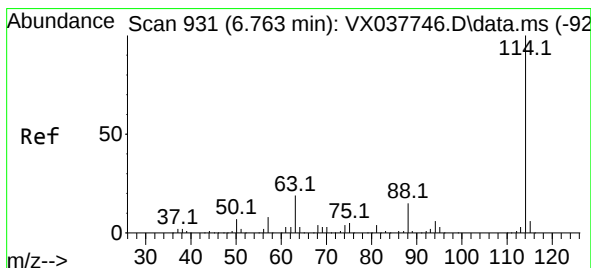
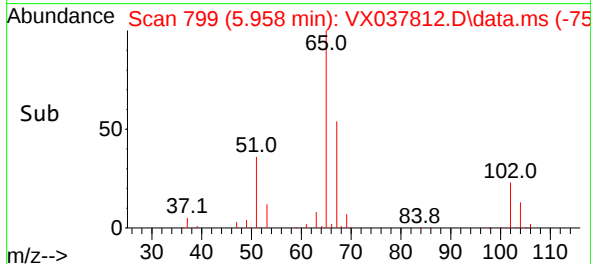
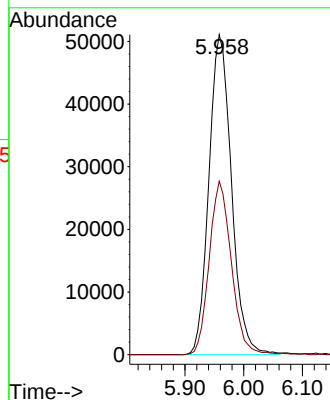
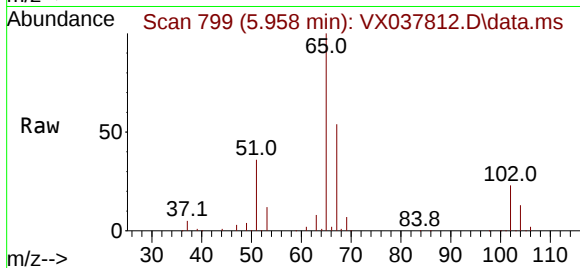
DEL-1-LEFT-SIDE

Tgt Ion: 65 Resp: 136347

Ion Ratio Lower Upper

65 100

67 53.1 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: VX037812.D

Acq: 19 Sep 2023 17:36

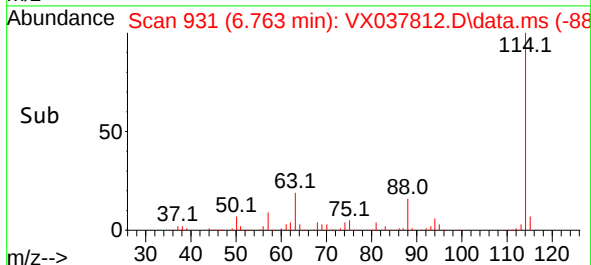
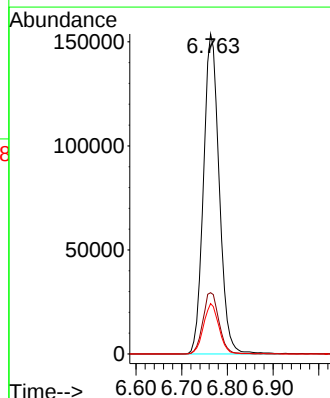
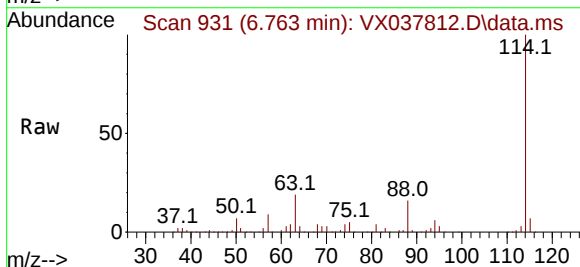
Tgt Ion: 114 Resp: 368595

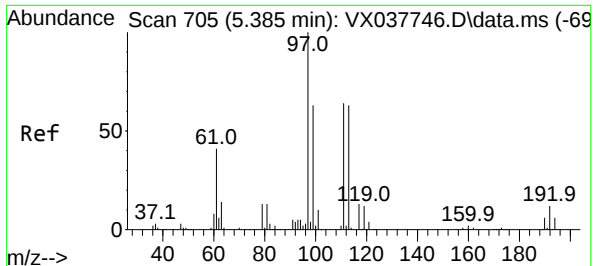
Ion Ratio Lower Upper

114 100

63 19.2 0.0 45.0

88 15.8 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.604 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX037812.D

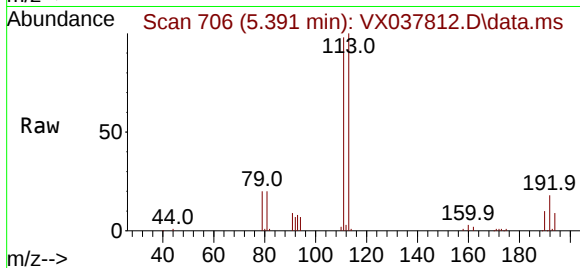
Acq: 19 Sep 2023 17:36

Instrument :

MSVOA_X

ClientSampleId :

DEL-1-LEFT-SIDE



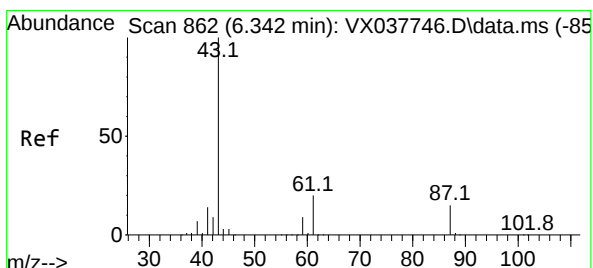
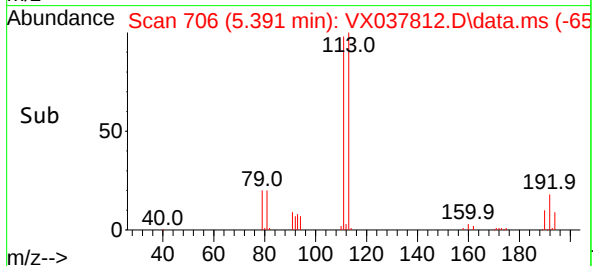
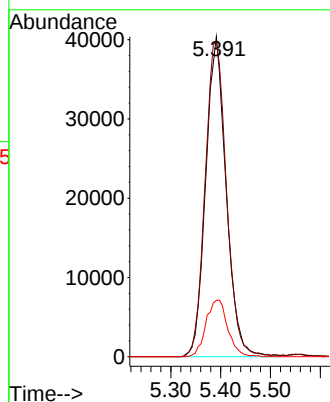
Tgt Ion:113 Resp: 114940

Ion Ratio Lower Upper

113 100

111 103.0 82.9 124.3

192 18.8 13.3 19.9



#43

Isopropyl Acetate

Concen: 25.807 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX037812.D

Acq: 19 Sep 2023 17:36

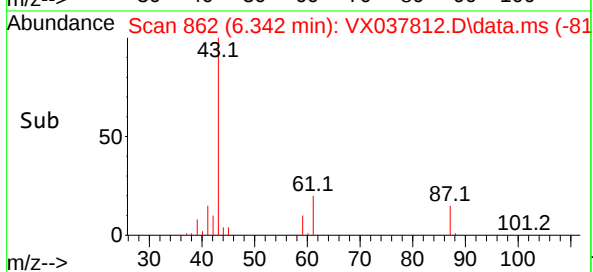
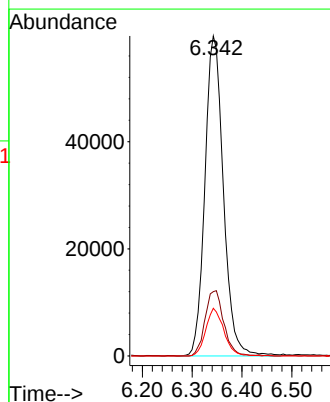
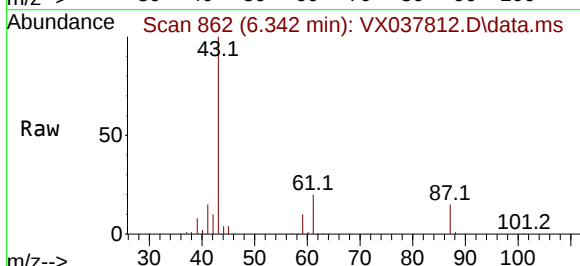
Tgt Ion: 43 Resp: 154125

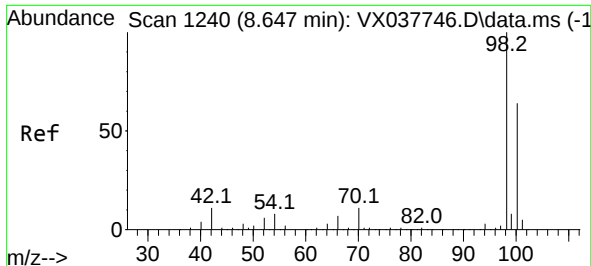
Ion Ratio Lower Upper

43 100

61 20.6 15.2 22.8

87 14.5 9.8 14.6

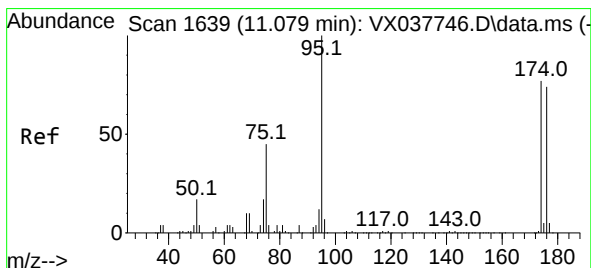
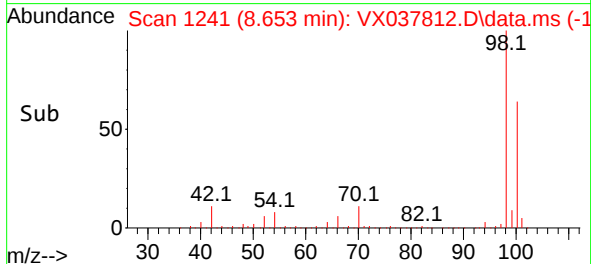
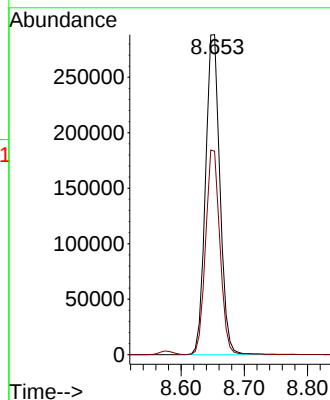
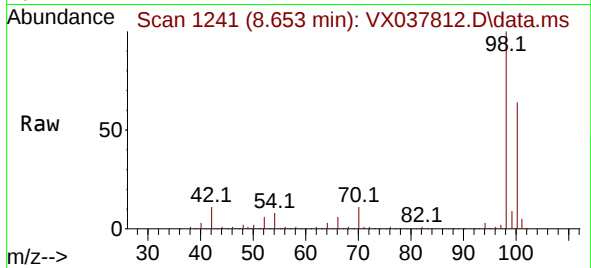




#50
Toluene-d8
Concen: 49.980 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX037812.D
Acq: 19 Sep 2023 17:36

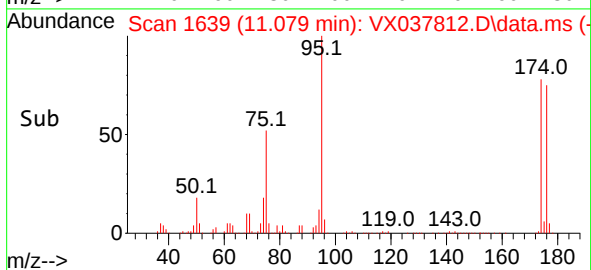
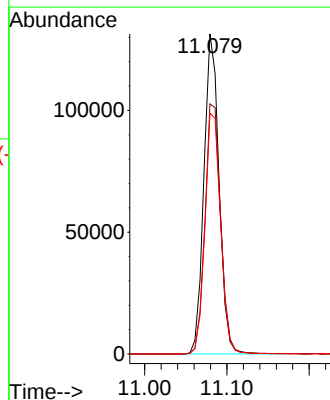
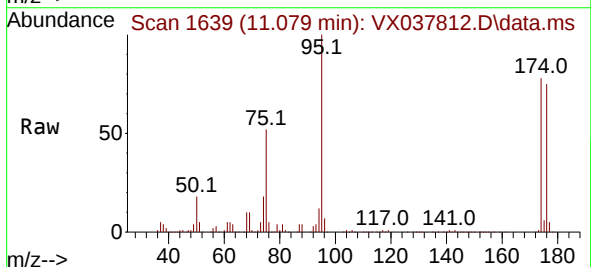
Instrument :
MSVOA_X
ClientSampleId :
DEL-1-LEFT-SIDE

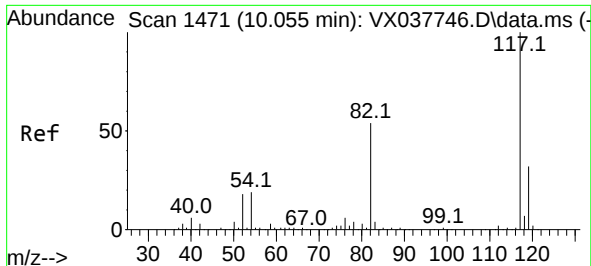
Tgt Ion: 98 Resp: 458004
Ion Ratio Lower Upper
98 100
100 63.7 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 50.407 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037812.D
Acq: 19 Sep 2023 17:36

Tgt Ion: 95 Resp: 167852
Ion Ratio Lower Upper
95 100
174 81.6 0.0 135.6
176 78.0 0.0 131.0

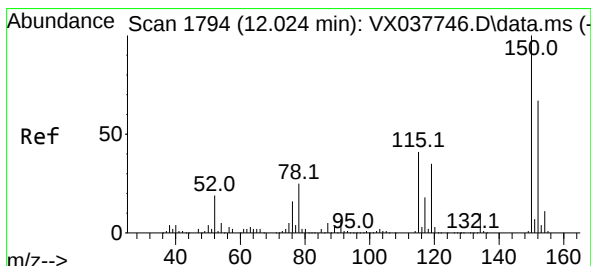
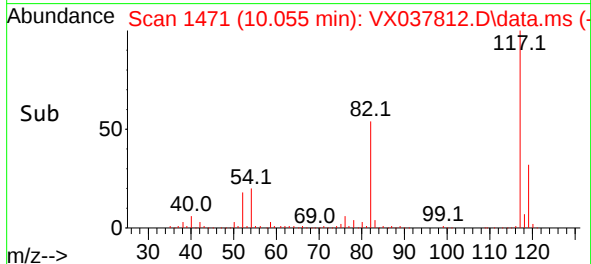
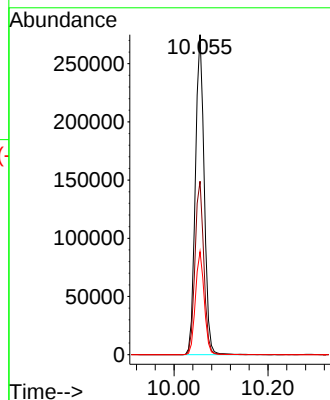
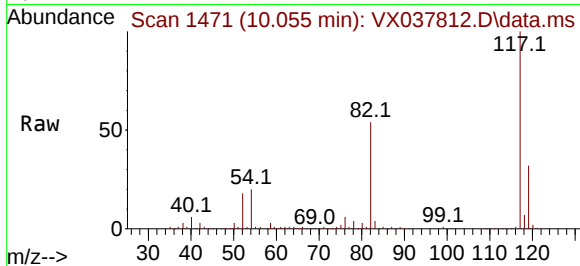




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037812.D
Acq: 19 Sep 2023 17:36

Instrument :
MSVOA_X
ClientSampleId :
DEL-1-LEFT-SIDE

Tgt Ion:117 Resp: 362022
Ion Ratio Lower Upper
117 100
82 54.2 46.2 69.4
119 32.2 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: VX037812.D
Acq: 19 Sep 2023 17:36

Tgt Ion:152 Resp: 176443
Ion Ratio Lower Upper
152 100
115 59.5 43.3 129.9
150 157.4 0.0 345.0

