

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091423\
 Data File : VX037737.D
 Acq On : 14 Sep 2023 18:40
 Operator : JC/MD
 Sample : 04327-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BR-01-170-090623

Quant Time: Sep 15 01:34:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 10:10:04 2023
 Response via : Initial Calibration

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

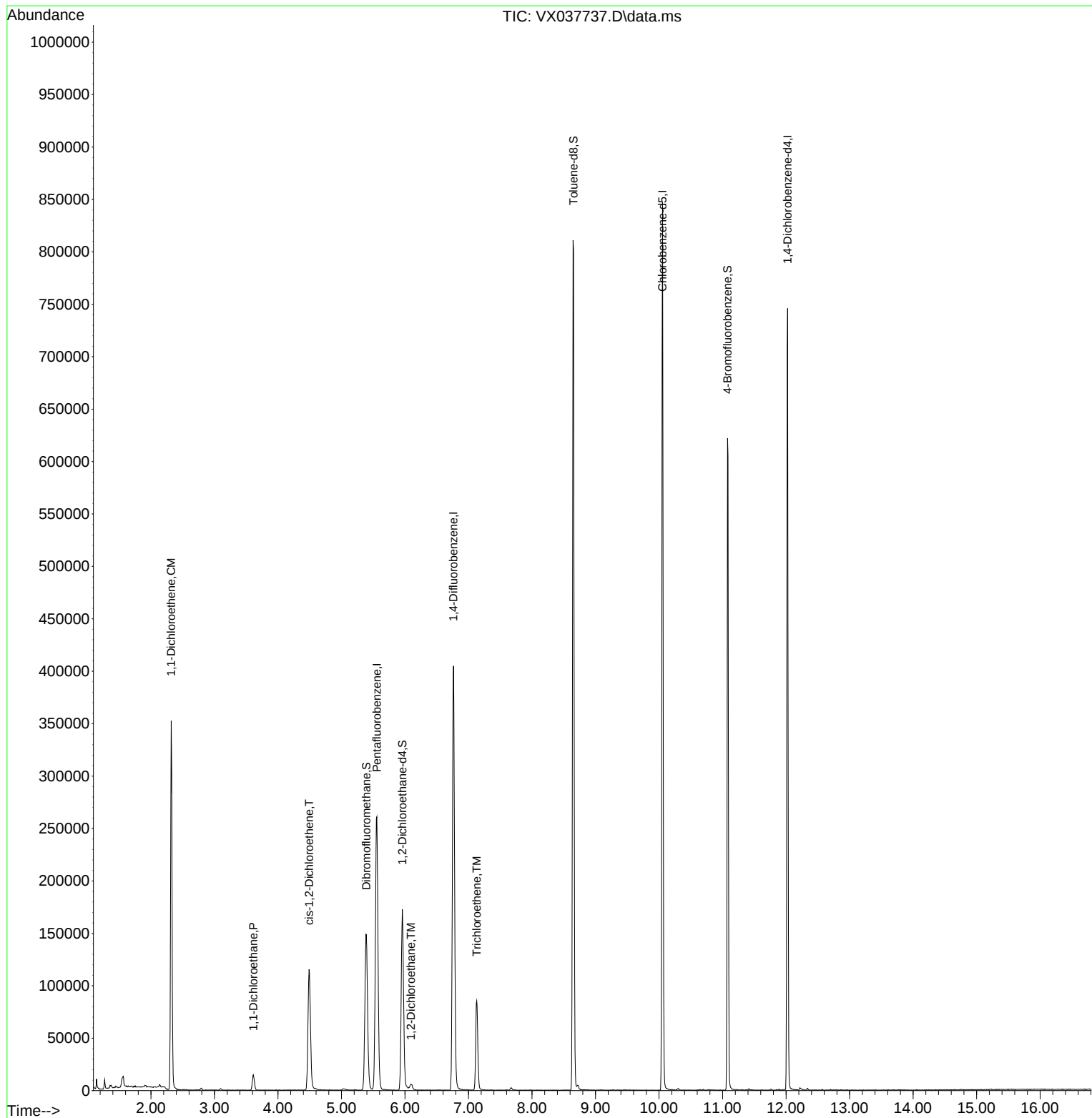
Internal Standards						
1) Pentafluorobenzene	5.556	168	251764	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	420667	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	372919	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	159581	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	160056	39.293	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	78.580%
35) Dibromofluoromethane	5.391	113	131721	44.176	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.360%
50) Toluene-d8	8.653	98	500992	44.551	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	89.100%#
62) 4-Bromofluorobenzene	11.079	95	169341	41.740	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	83.480%
Target Compounds						
						Qvalue
12) 1,1-Dichloroethene	2.319	96	116508	44.980	ug/l	88
24) 1,1-Dichloroethane	3.611	63	16266	2.824	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	75027	20.646	ug/l	81
42) 1,2-Dichloroethane	6.092	62	6497	1.352	ug/l	98
44) Trichloroethene	7.129	130	34531	11.239	ug/l	98

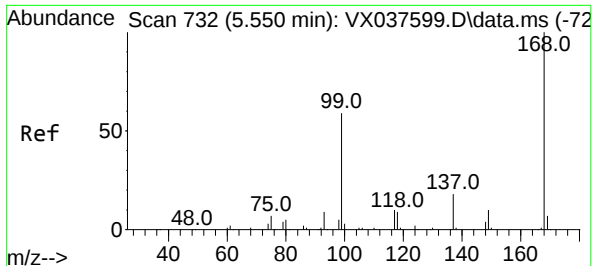
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

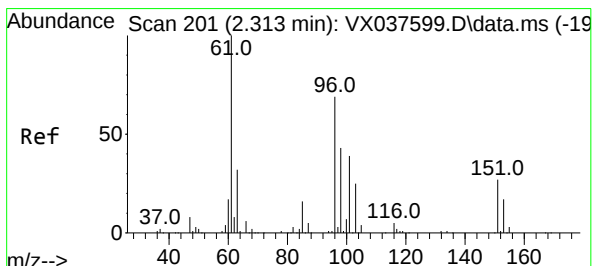
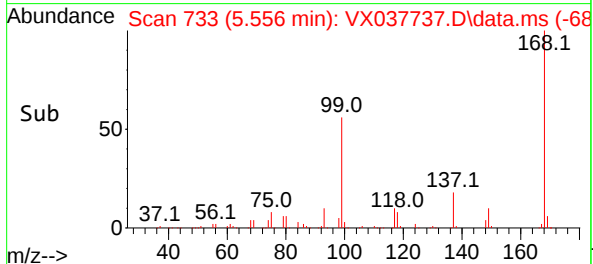
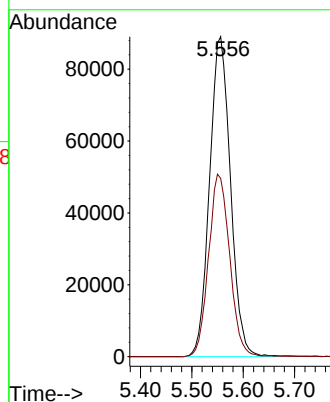
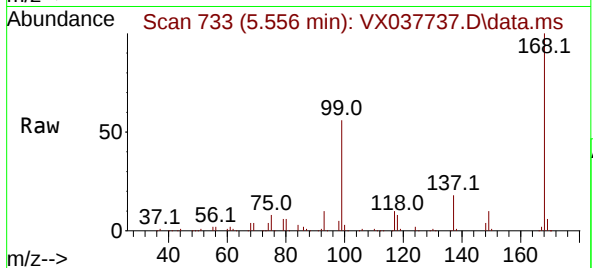




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037737.D
Acq: 14 Sep 2023 18:40

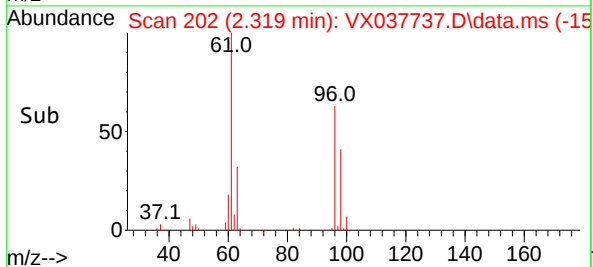
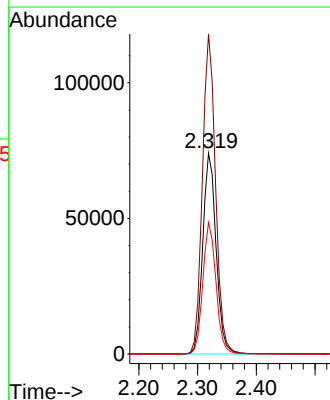
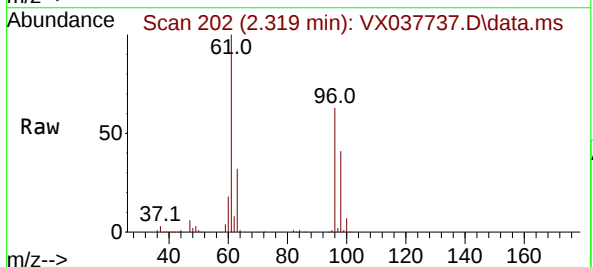
Instrument :
MSVOA_X
ClientSampleId :
BR-01-170-090623

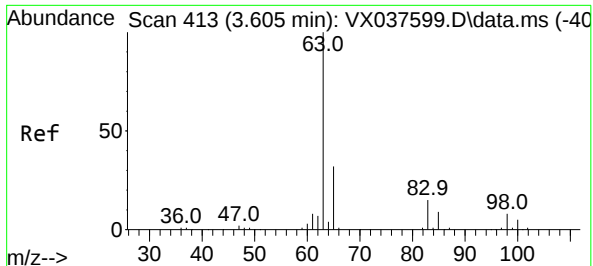
Tgt Ion:168 Resp: 251764
Ion Ratio Lower Upper
168 100
99 55.7 56.6 85.0#



#12
1,1-Dichloroethene
Concen: 44.980 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX037737.D
Acq: 14 Sep 2023 18:40

Tgt Ion: 96 Resp: 116508
Ion Ratio Lower Upper
96 100
61 159.4 144.6 216.8
98 65.5 50.4 75.6





#24

1,1-Dichloroethane

Concen: 2.824 ug/l

RT: 3.611 min Scan# 41

Delta R.T. 0.006 min

Lab File: VX037737.D

Acq: 14 Sep 2023 18:40

Instrument :

MSVOA_X

ClientSampleId :

BR-01-170-090623

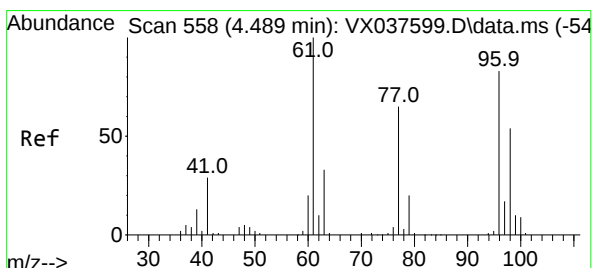
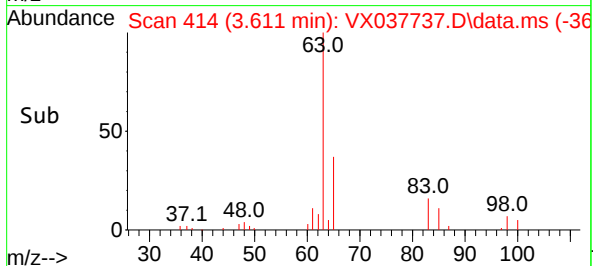
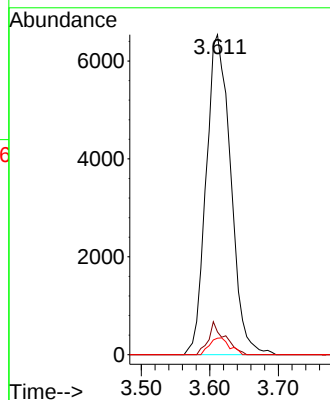
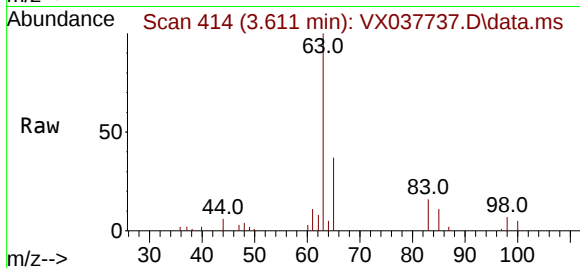
Tgt Ion: 63 Resp: 16266

Ion Ratio Lower Upper

63 100

98 7.1 3.3 9.8

100 5.2 2.1 6.5



#27

cis-1,2-Dichloroethene

Concen: 20.646 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX037737.D

Acq: 14 Sep 2023 18:40

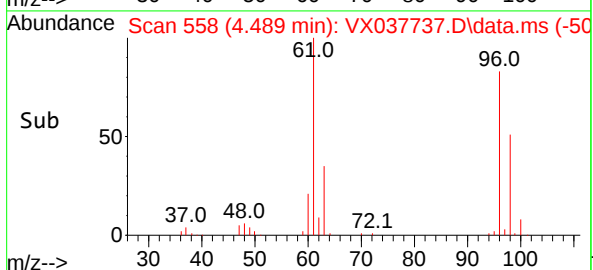
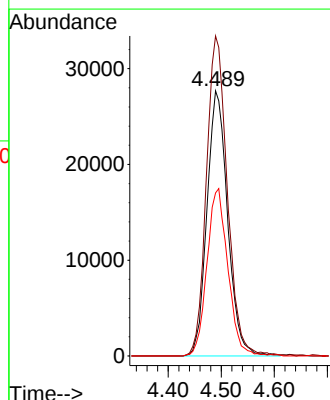
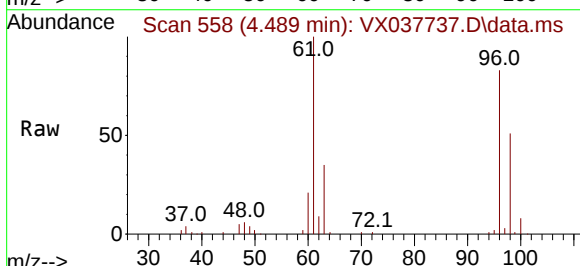
Tgt Ion: 96 Resp: 75027

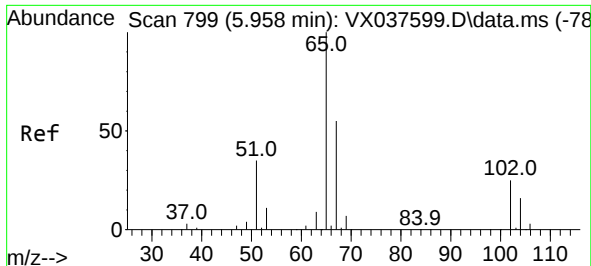
Ion Ratio Lower Upper

96 100

61 122.1 0.0 312.2

98 63.9 0.0 129.0





#33

1,2-Dichloroethane-d4

Concen: 39.293 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX037737.D

Acq: 14 Sep 2023 18:40

Instrument :

MSVOA_X

ClientSampleId :

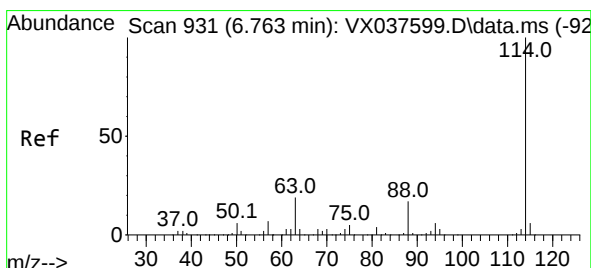
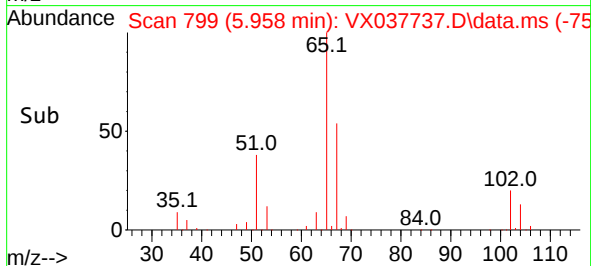
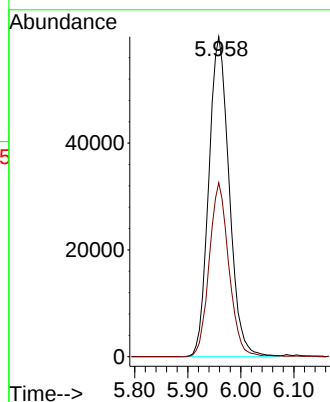
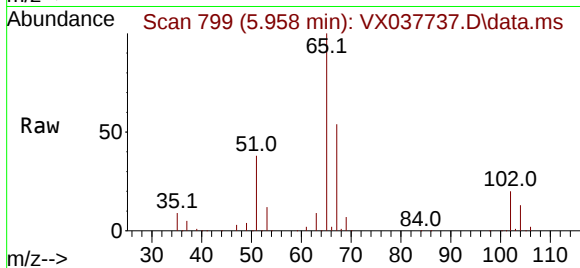
BR-01-170-090623

Tgt Ion: 65 Resp: 160056

Ion Ratio Lower Upper

65 100

67 52.5 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: VX037737.D

Acq: 14 Sep 2023 18:40

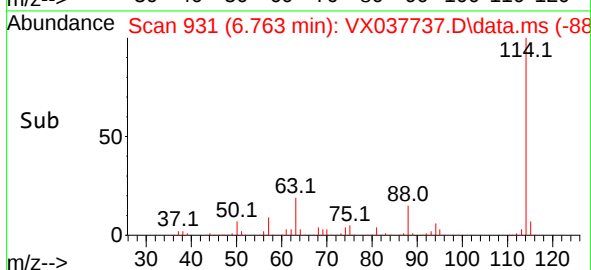
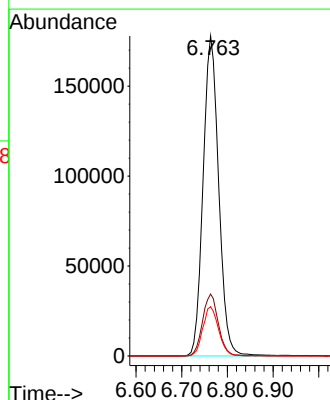
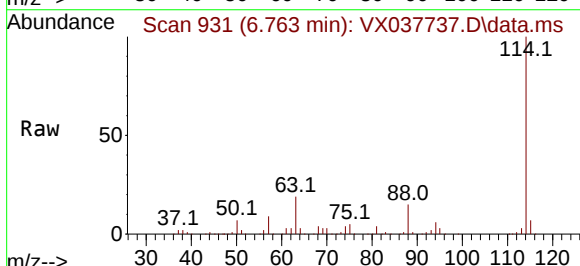
Tgt Ion: 114 Resp: 420667

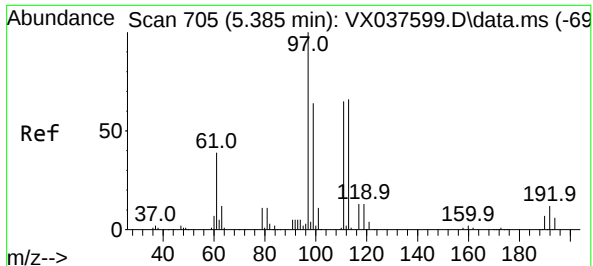
Ion Ratio Lower Upper

114 100

63 19.4 0.0 45.0

88 15.4 0.0 36.6

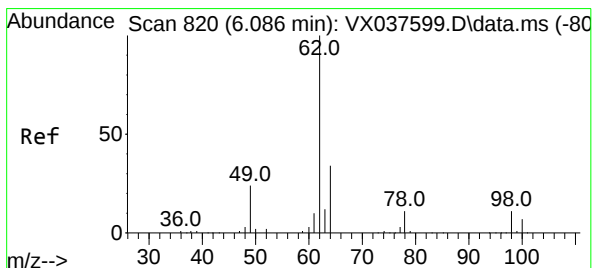
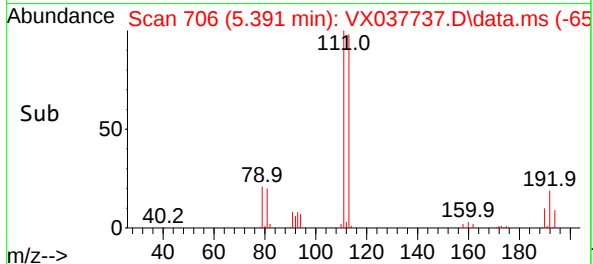
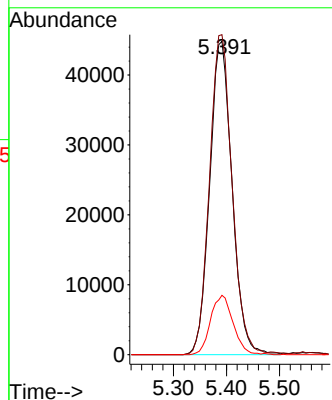
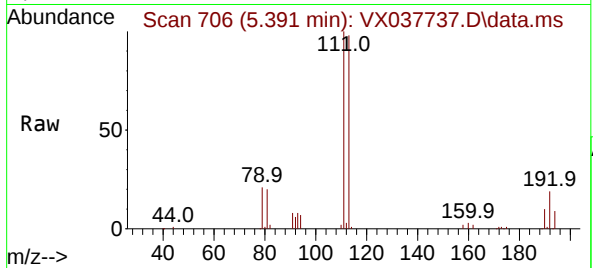




#35
Dibromofluoromethane
Concen: 44.176 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX037737.D
Acq: 14 Sep 2023 18:40

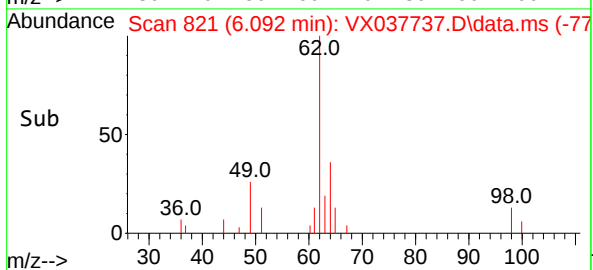
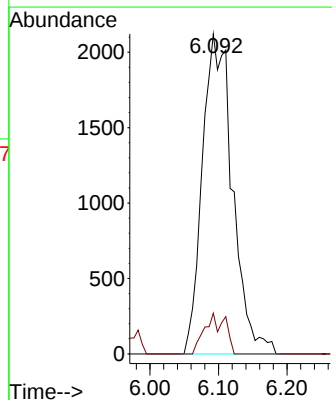
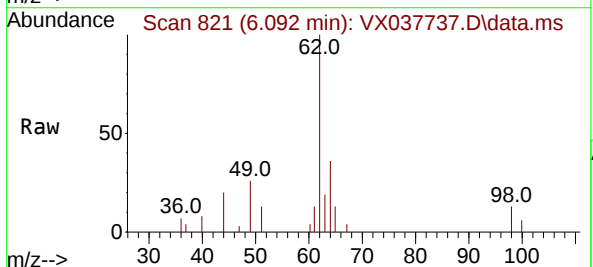
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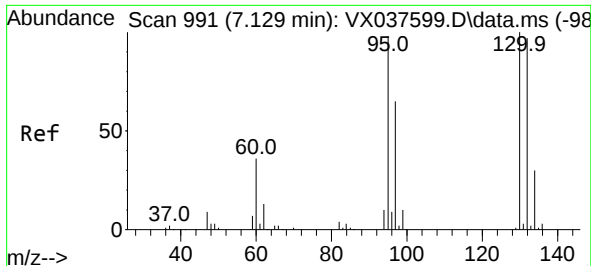
Tgt Ion:113 Resp: 131721
Ion Ratio Lower Upper
113 100
111 102.6 82.9 124.3
192 19.1 13.3 19.9



#42
1,2-Dichloroethane
Concen: 1.352 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX037737.D
Acq: 14 Sep 2023 18:40

Tgt Ion: 62 Resp: 6497
Ion Ratio Lower Upper
62 100
98 8.6 0.0 16.0

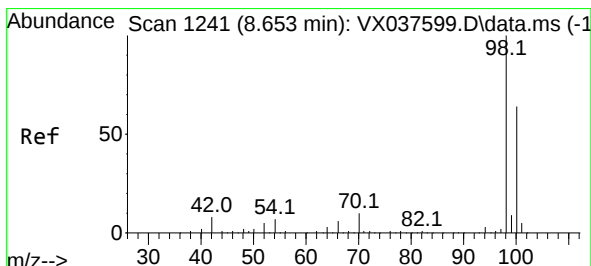
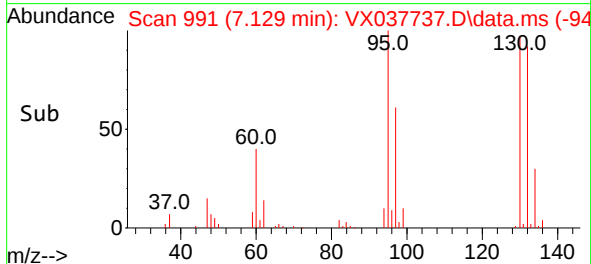
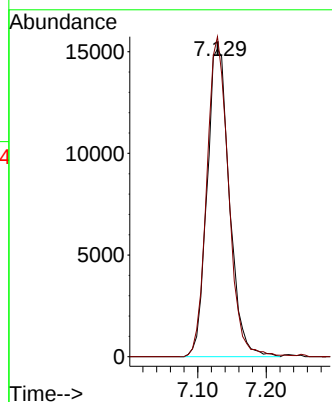
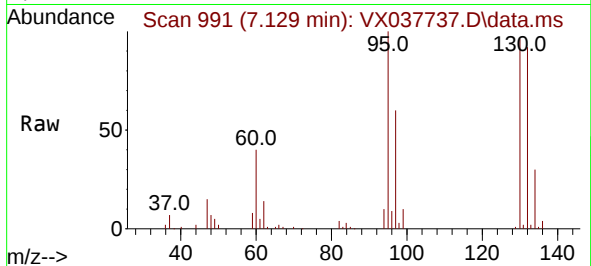




#44
Trichloroethene
Concen: 11.239 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX037737.D
Acq: 14 Sep 2023 18:40

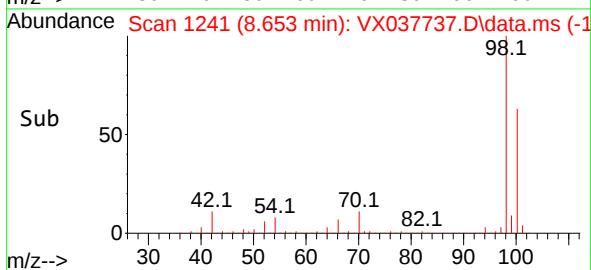
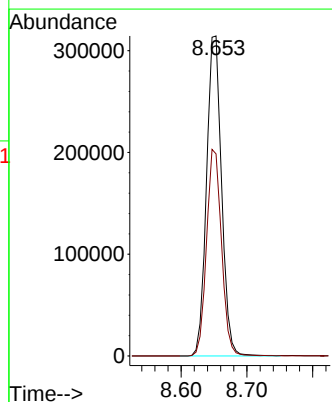
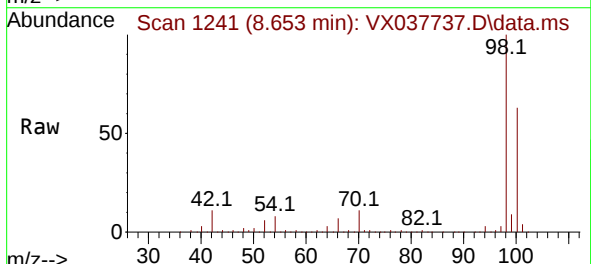
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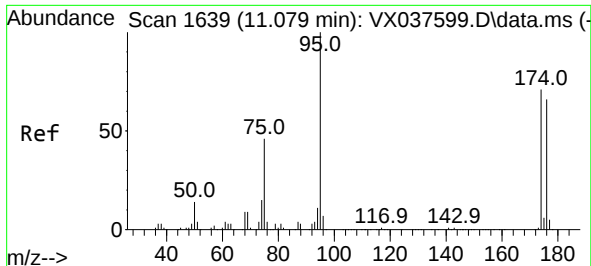
Tgt Ion:130 Resp: 34531
Ion Ratio Lower Upper
130 100
95 104.0 0.0 204.4



#50
Toluene-d8
Concen: 44.551 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX037737.D
Acq: 14 Sep 2023 18:40

Tgt Ion: 98 Resp: 500992
Ion Ratio Lower Upper
98 100
100 64.1 53.1 79.7

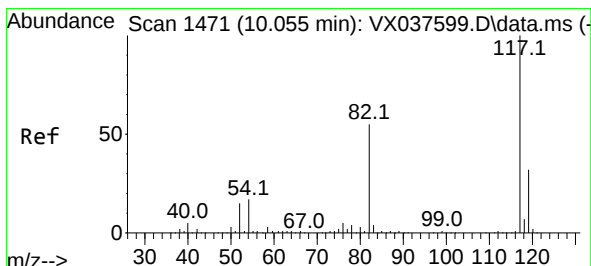
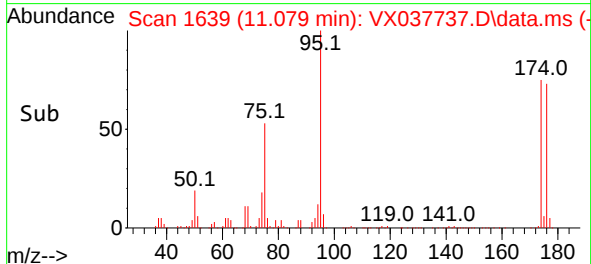
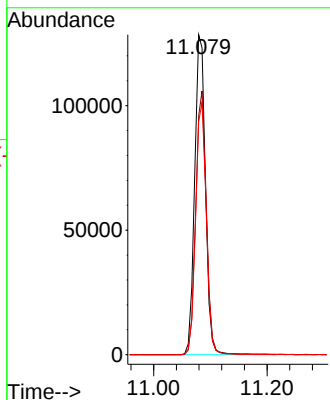
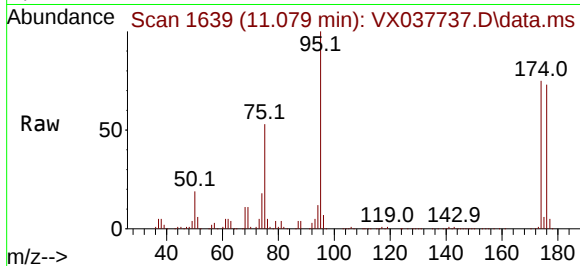




#62
4-Bromofluorobenzene
Concen: 41.740 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037737.D
Acq: 14 Sep 2023 18:40

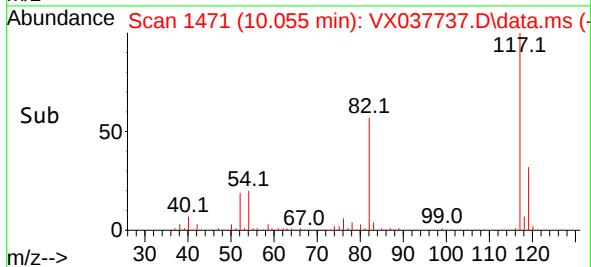
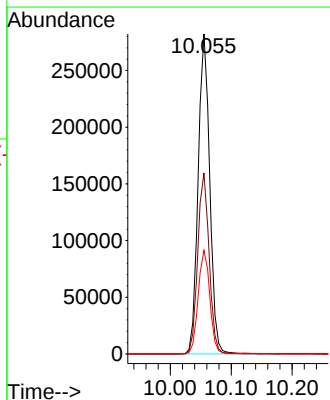
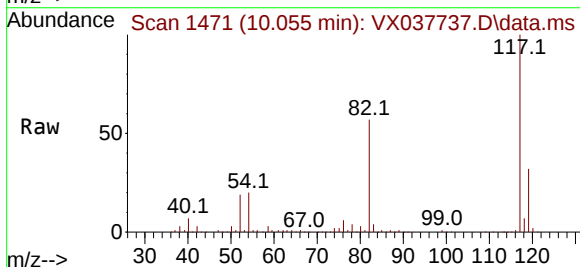
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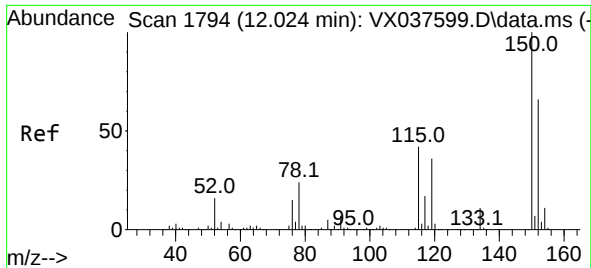
Tgt Ion: 95 Resp: 169341
Ion Ratio Lower Upper
95 100
174 81.5 0.0 135.6
176 78.0 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037737.D
Acq: 14 Sep 2023 18:40

Tgt Ion: 117 Resp: 372919
Ion Ratio Lower Upper
117 100
82 56.5 46.2 69.4
119 32.4 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX037737.D

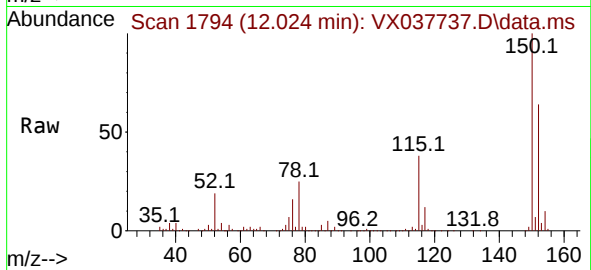
Acq: 14 Sep 2023 18:40

Instrument :

MSVOA_X

ClientSampleId :

BR-01-170-090623



Tgt Ion:152 Resp: 159581

Ion Ratio Lower Upper

152 100

115 59.9 43.3 129.9

150 155.6 0.0 345.0

