

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090723\
 Data File : VX037583.D
 Acq On : 07 Sep 2023 17:04
 Operator : JC/MD
 Sample : 04311-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-10B-42.5-090523

Quant Time: Sep 08 00:47:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

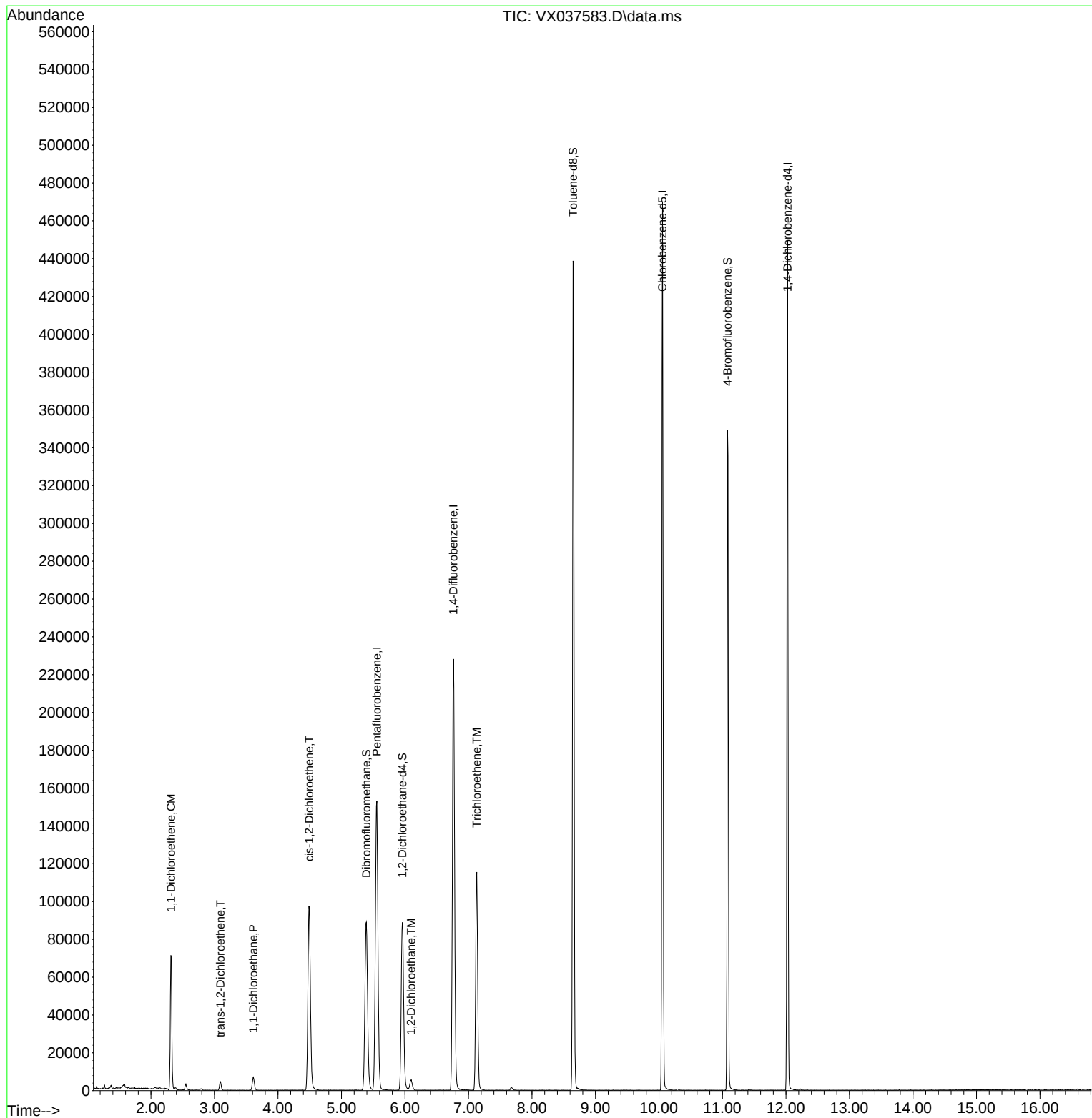
Internal Standards						
1) Pentafluorobenzene	5.556	168	147071	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	248461	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	221003	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	94521	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	88289	41.640	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	83.280%
35) Dibromofluoromethane	5.391	113	81268	49.388	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.780%
50) Toluene-d8	8.647	98	278520	46.662	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.320%
62) 4-Bromofluorobenzene	11.079	95	103301	44.039	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.080%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.319	96	26070	17.220	ug/l	81
21) trans-1,2-Dichloroethene	3.093	96	2070	1.203	ug/l #	73
24) 1,1-Dichloroethane	3.611	63	7938	2.632	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	67448	33.244	ug/l	79
42) 1,2-Dichloroethane	6.099	62	6346	2.414	ug/l	91
44) Trichloroethene	7.129	130	47550	25.011	ug/l	98

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

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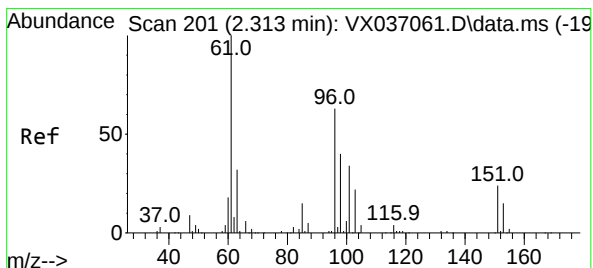
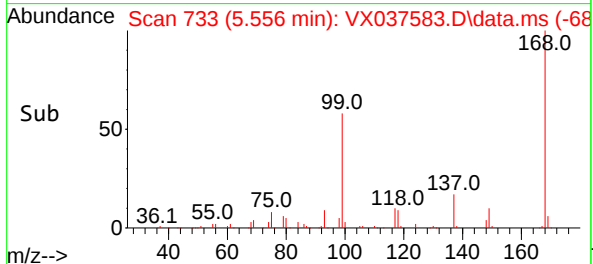
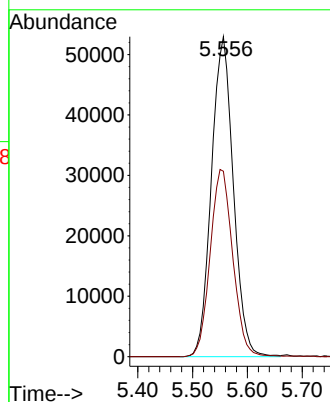
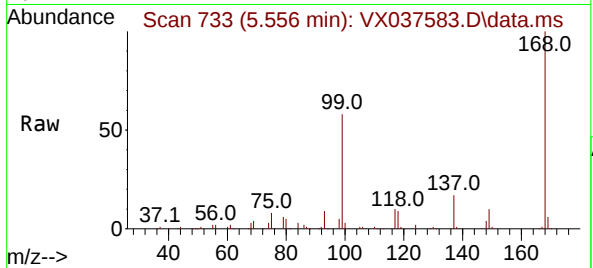




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037583.D
Acq: 07 Sep 2023 17:04

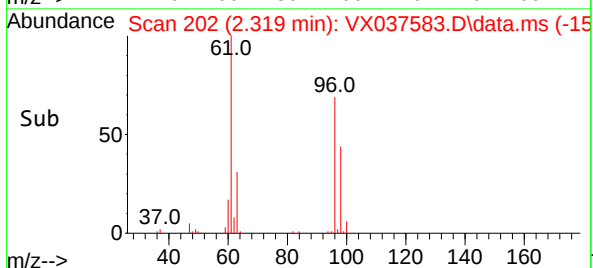
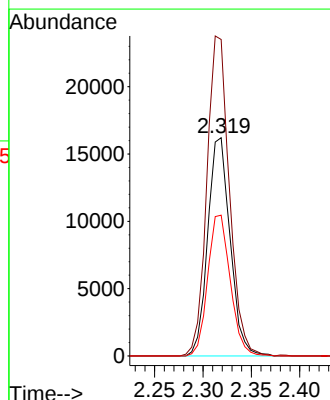
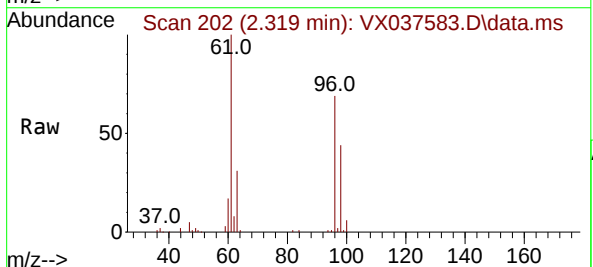
Instrument :
MSVOA_X
ClientSampleId :
MW-10B-42.5-090523

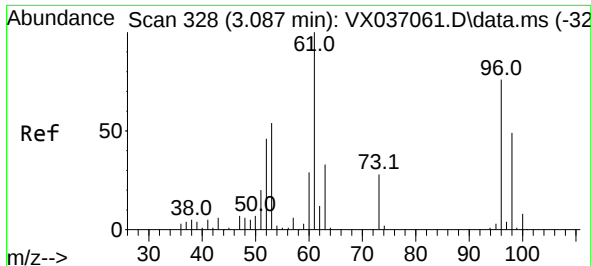
Tgt Ion:168 Resp: 147071
Ion Ratio Lower Upper
168 100
99 58.0 56.6 85.0



#12
1,1-Dichloroethene
Concen: 17.220 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX037583.D
Acq: 07 Sep 2023 17:04

Tgt Ion: 96 Resp: 26070
Ion Ratio Lower Upper
96 100
61 145.1 144.6 216.8
98 64.5 50.4 75.6

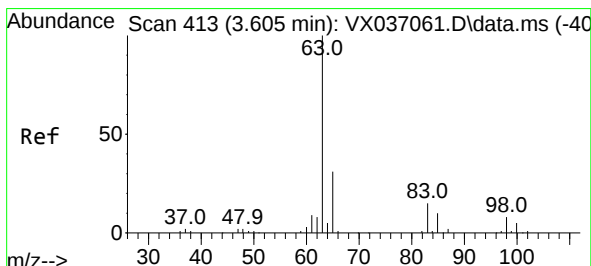
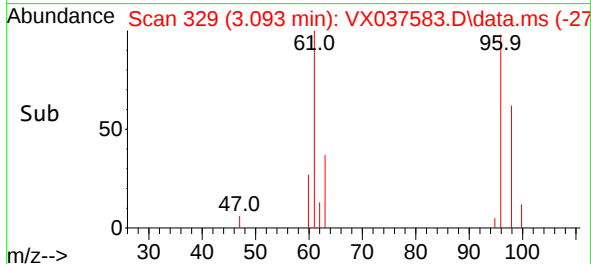
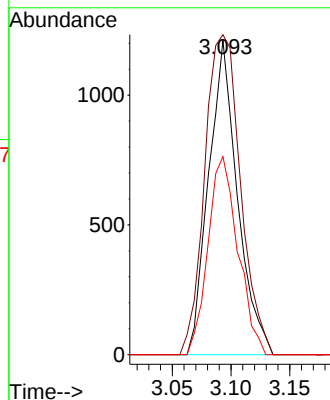
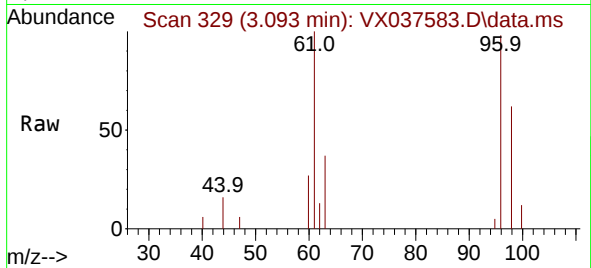




#21
trans-1,2-Dichloroethene
Concen: 1.203 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX037583.D
Acq: 07 Sep 2023 17:04

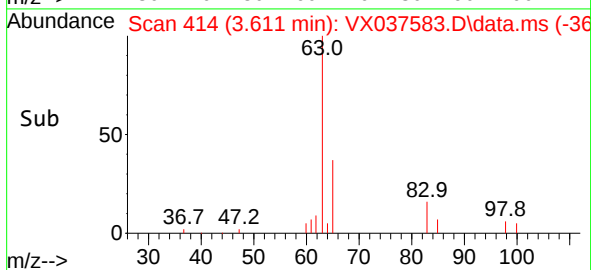
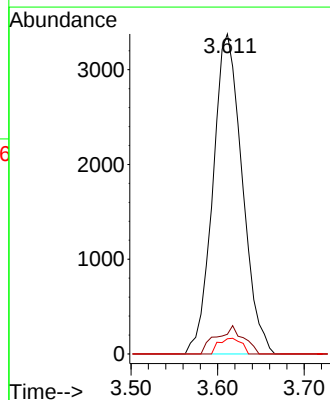
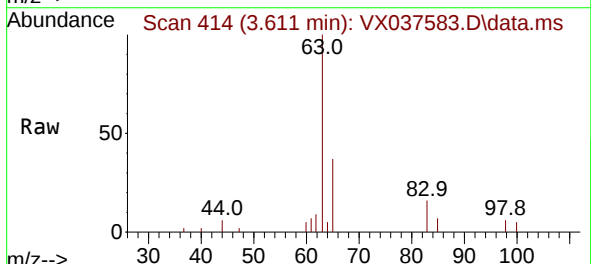
Instrument :
MSVOA_X
ClientSampleId :
MW-10B-42.5-090523

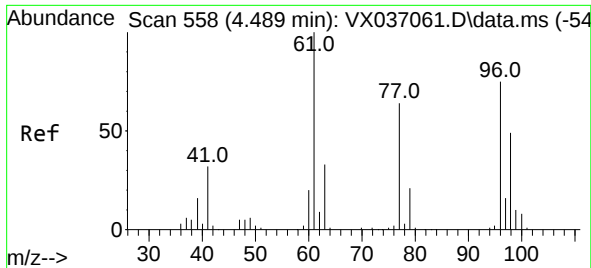
Tgt Ion: 96 Resp: 2070
Ion Ratio Lower Upper
96 100
61 101.8 119.2 178.8#
98 63.0 48.7 73.1



#24
1,1-Dichloroethane
Concen: 2.632 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX037583.D
Acq: 07 Sep 2023 17:04

Tgt Ion: 63 Resp: 7938
Ion Ratio Lower Upper
63 100
98 6.2 3.3 9.8
100 4.7 2.1 6.5





#27

cis-1,2-Dichloroethene

Concen: 33.244 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX037583.D

Acq: 07 Sep 2023 17:04

Instrument :

MSVOA_X

ClientSampleId :

MW-10B-42.5-090523

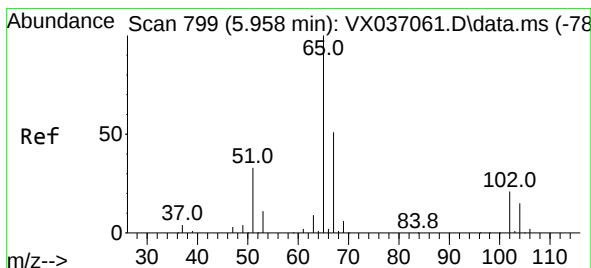
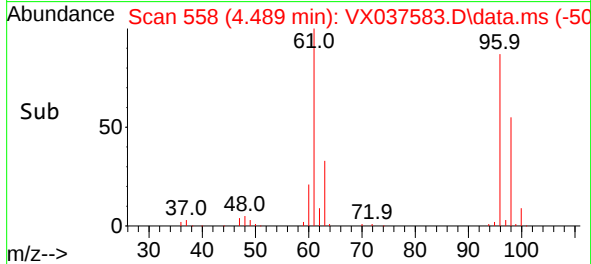
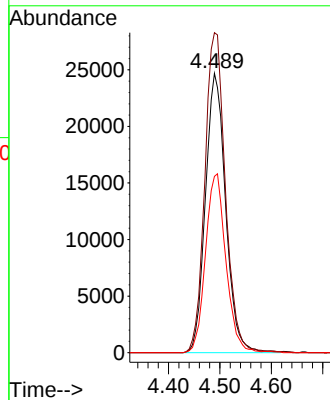
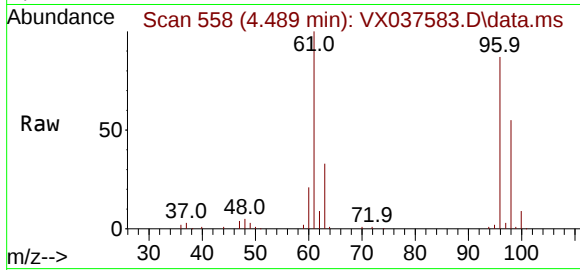
Tgt Ion: 96 Resp: 67448

Ion Ratio Lower Upper

96 100

61 116.7 0.0 312.2

98 64.4 0.0 129.0



#33

1,2-Dichloroethane-d4

Concen: 41.640 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX037583.D

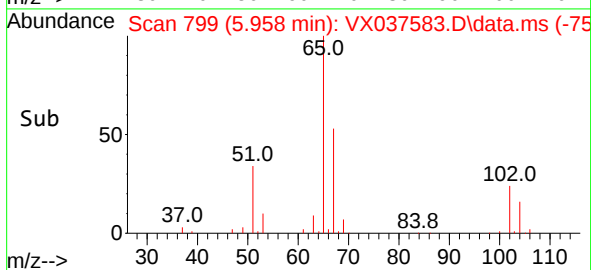
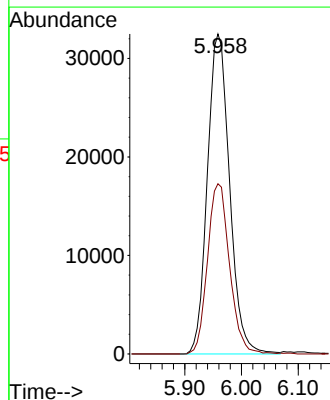
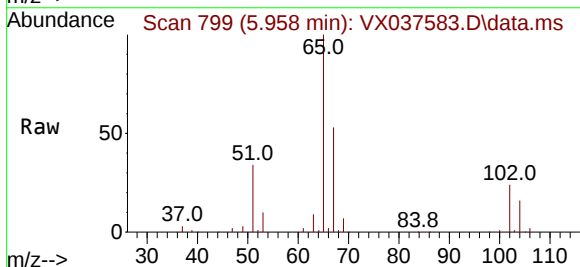
Acq: 07 Sep 2023 17:04

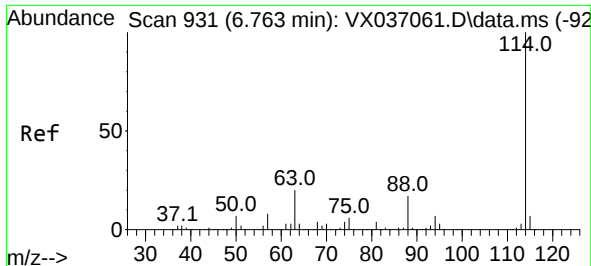
Tgt Ion: 65 Resp: 88289

Ion Ratio Lower Upper

65 100

67 52.8 0.0 100.2

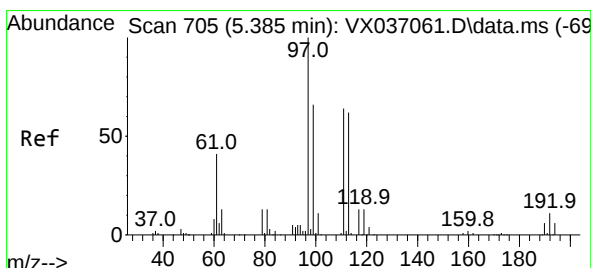
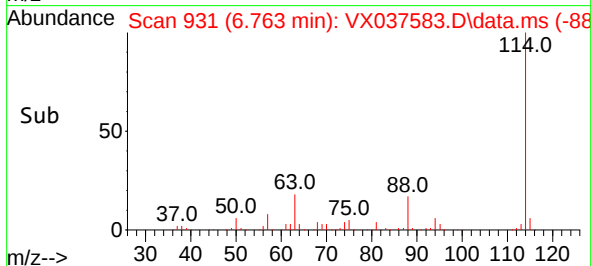
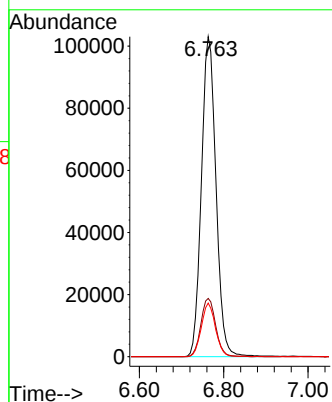
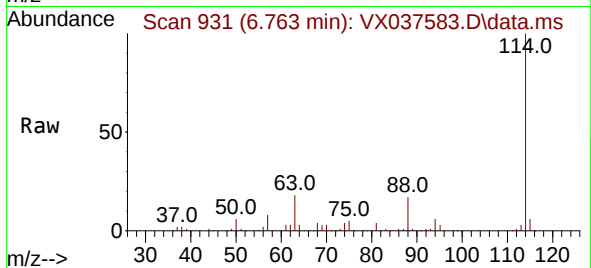




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX037583.D
Acq: 07 Sep 2023 17:04

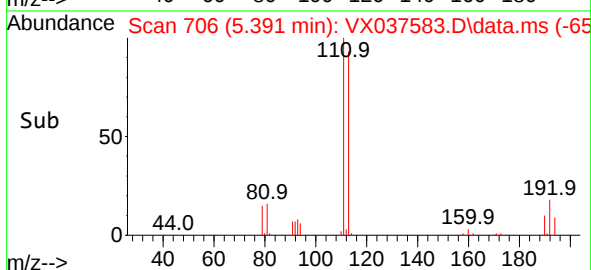
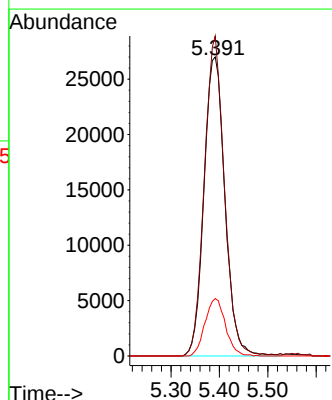
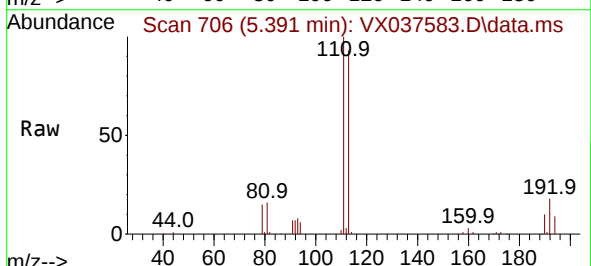
Instrument :
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ClientSampleId :
MW-10B-42.5-090523

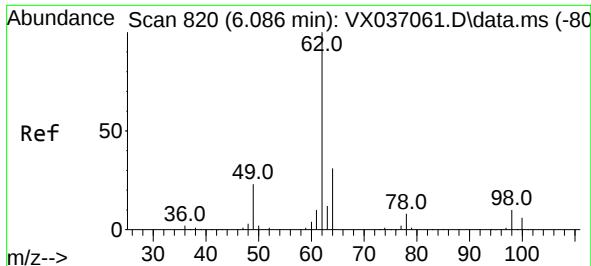
Tgt Ion:114 Resp: 248461
Ion Ratio Lower Upper
114 100
63 18.2 0.0 45.0
88 16.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 49.388 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX037583.D
Acq: 07 Sep 2023 17:04

Tgt Ion:113 Resp: 81268
Ion Ratio Lower Upper
113 100
111 102.7 82.9 124.3
192 18.8 13.3 19.9





#42

1,2-Dichloroethane

Concen: 2.414 ug/l

RT: 6.099 min Scan# 81

Delta R.T. 0.012 min

Lab File: VX037583.D

Acq: 07 Sep 2023 17:04

Instrument :

MSVOA_X

ClientSampleId :

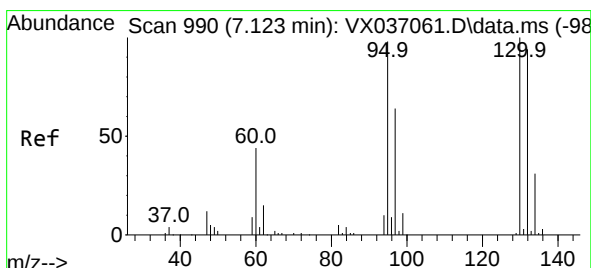
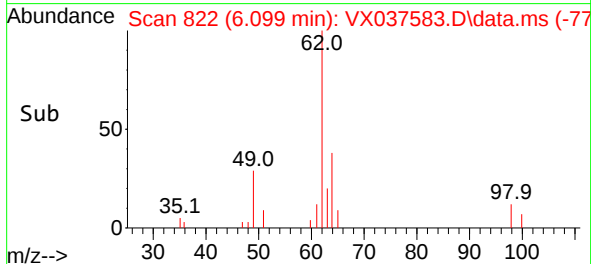
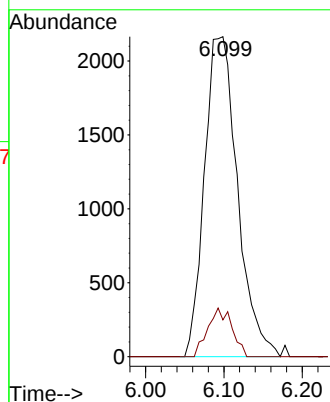
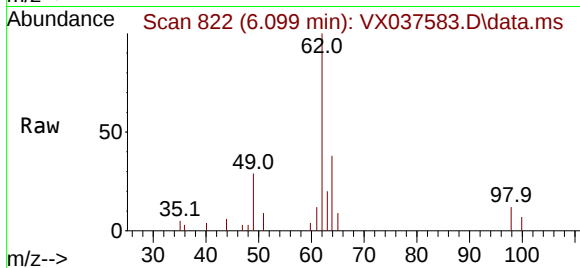
MW-10B-42.5-090523

Tgt Ion: 62 Resp: 6346

Ion Ratio Lower Upper

62 100

98 11.1 0.0 16.0



#44

Trichloroethene

Concen: 25.011 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.006 min

Lab File: VX037583.D

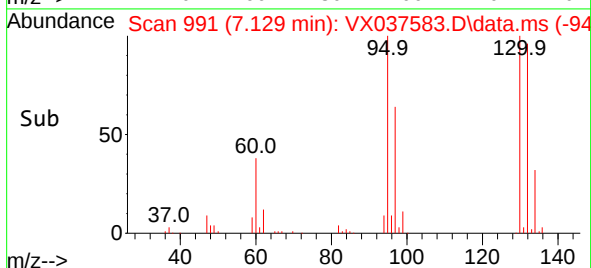
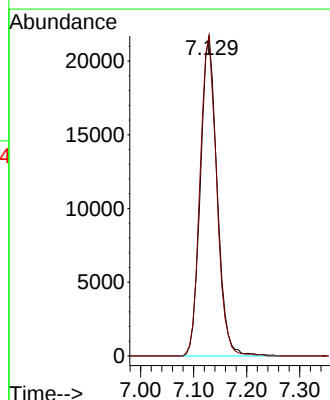
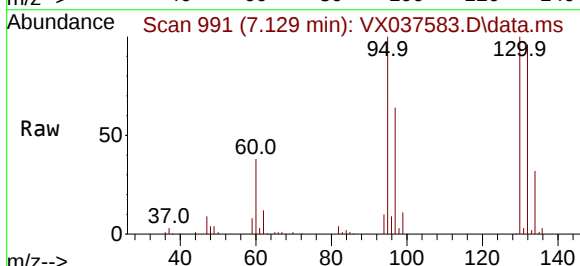
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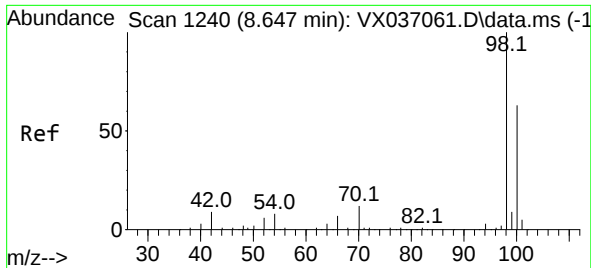
Tgt Ion:130 Resp: 47550

Ion Ratio Lower Upper

130 100

95 100.0 0.0 204.4

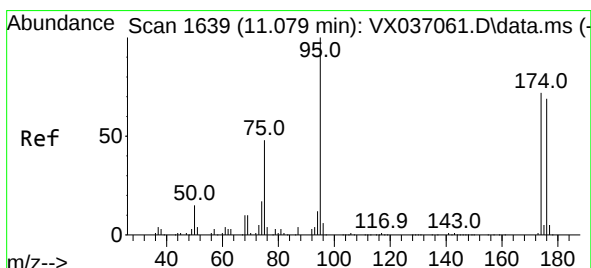
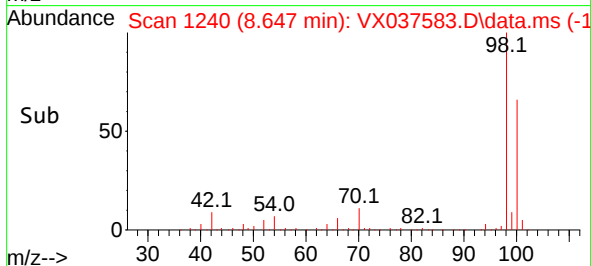
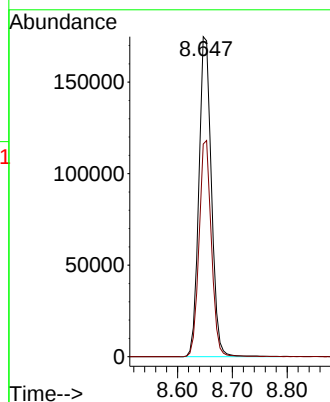
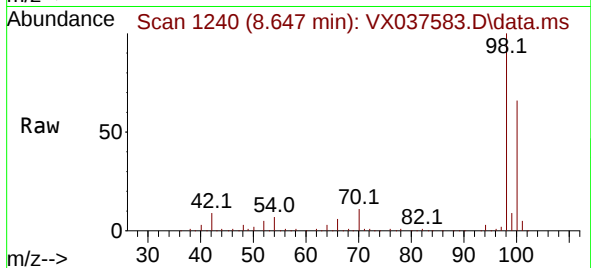




#50
Toluene-d8
Concen: 46.662 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037583.D
Acq: 07 Sep 2023 17:04

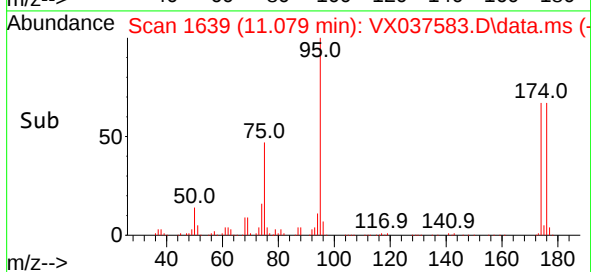
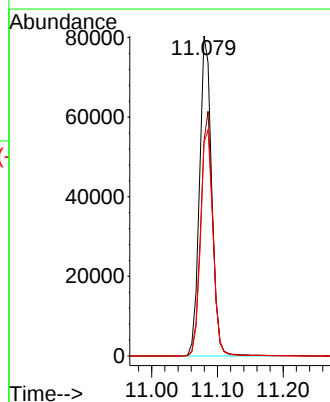
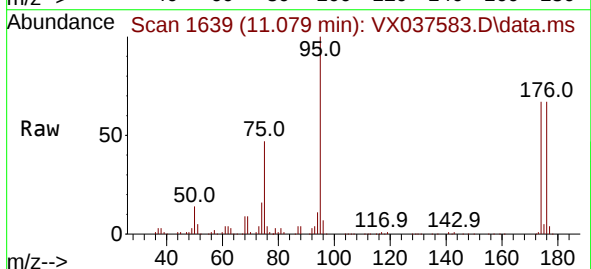
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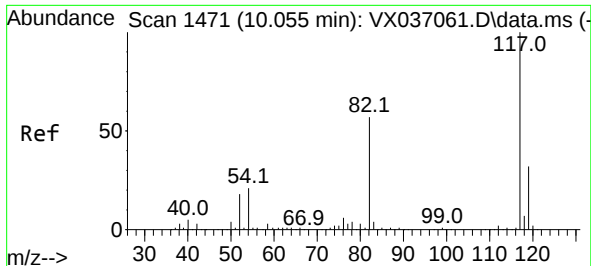
Tgt Ion: 98 Resp: 278520
Ion Ratio Lower Upper
98 100
100 66.3 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 44.039 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037583.D
Acq: 07 Sep 2023 17:04

Tgt Ion: 95 Resp: 103301
Ion Ratio Lower Upper
95 100
174 75.9 0.0 135.6
176 71.9 0.0 131.0

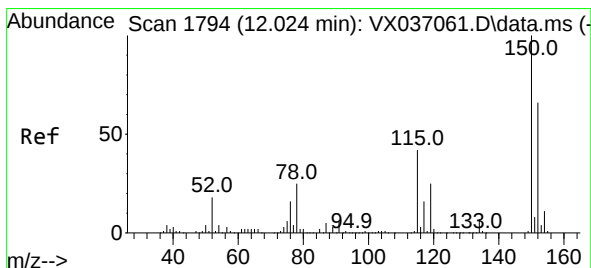
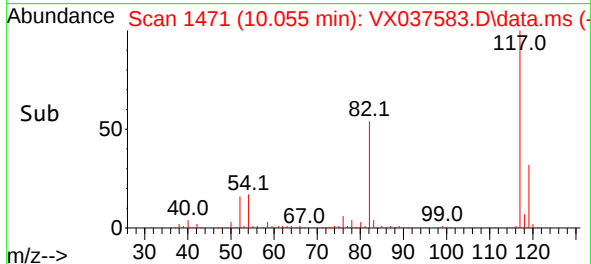
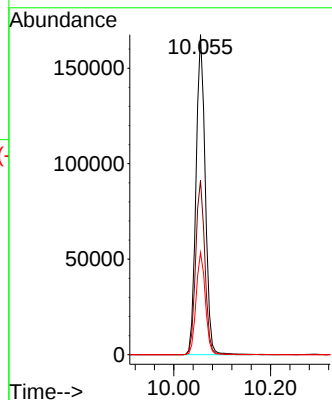
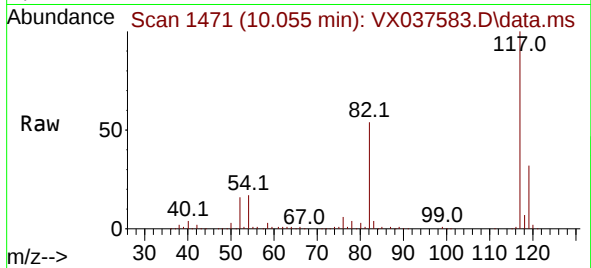




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037583.D
Acq: 07 Sep 2023 17:04

Instrument :
MSVOA_X
ClientSampleId :
MW-10B-42.5-090523

Tgt Ion:117 Resp: 221003
Ion Ratio Lower Upper
117 100
82 54.5 46.2 69.4
119 31.9 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: VX037583.D
Acq: 07 Sep 2023 17:04

Tgt Ion:152 Resp: 94521
Ion Ratio Lower Upper
152 100
115 61.1 43.3 129.9
150 157.5 0.0 345.0

