

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112023\
 Data File : VX038968.D
 Acq On : 20 Nov 2023 18:54
 Operator : JC/MD
 Sample : 05431-12 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 91BR-20231113

Quant Time: Nov 21 00:25:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

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

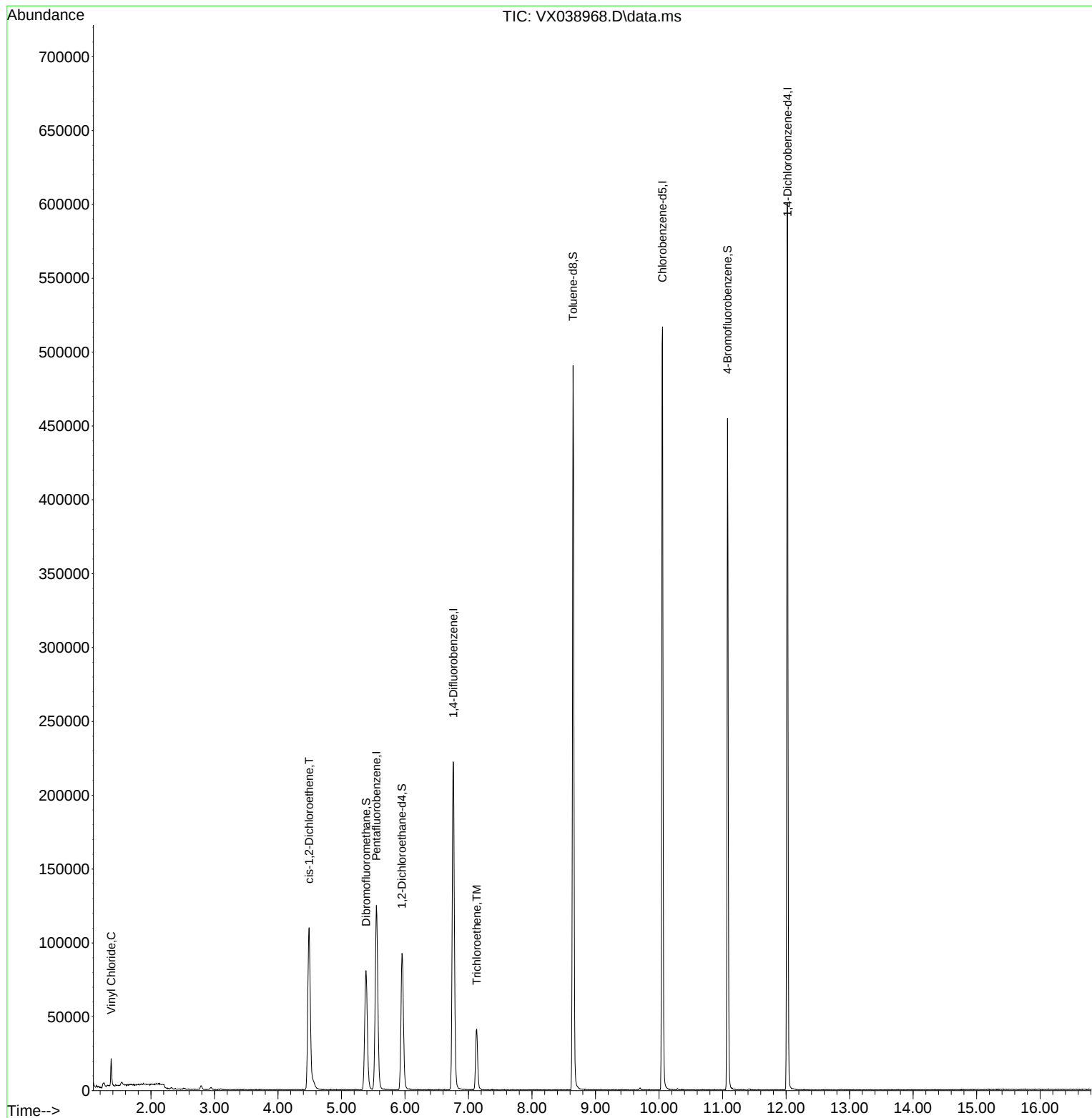
Internal Standards						
1) Pentafluorobenzene	5.550	168	110845	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	225711	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	230511	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	115141	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	88838	49.739	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.480%
35) Dibromofluoromethane	5.385	113	72055	44.202	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.400%
50) Toluene-d8	8.647	98	287794	46.143	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.280%
62) 4-Bromofluorobenzene	11.079	95	122134	48.918	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.840%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.374	62	10922	6.717	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	67827	38.172	ug/l	87
44) Trichloroethene	7.129	130	15633	9.294	ug/l	99

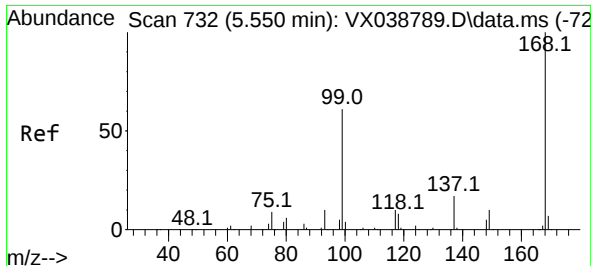
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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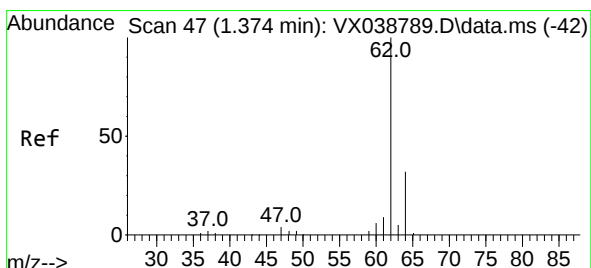
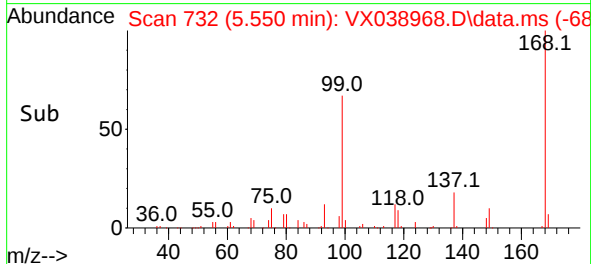
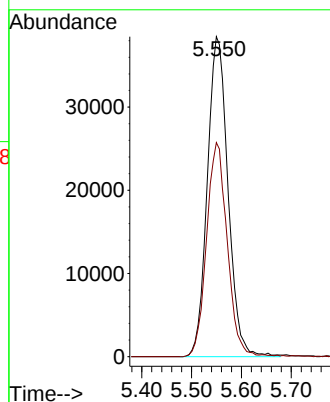
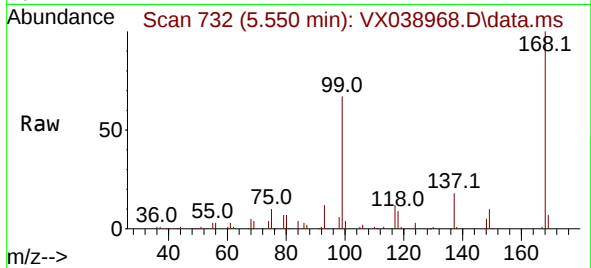




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038968.D
Acq: 20 Nov 2023 18:54

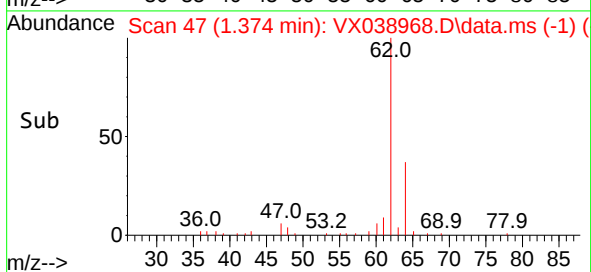
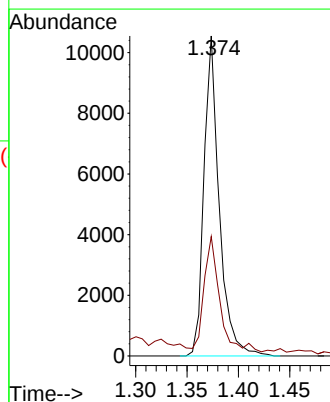
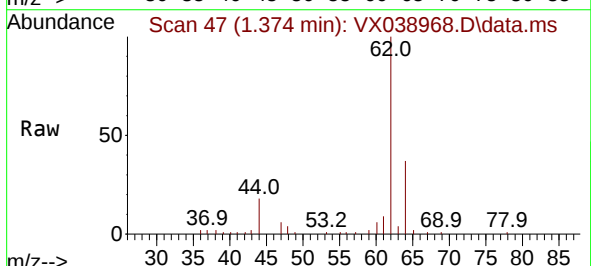
Instrument :
MSVOA_X
ClientSampleId :
91BR-20231113

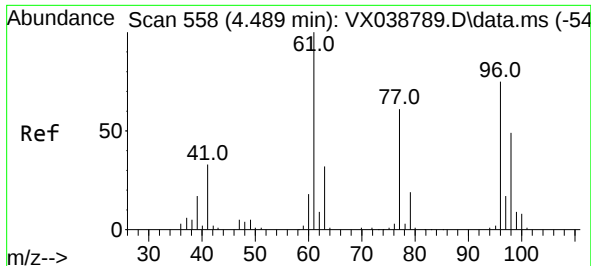
Tgt Ion:168 Resp: 110845
Ion Ratio Lower Upper
168 100
99 66.9 56.6 85.0



#4
Vinyl Chloride
Concen: 6.717 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX038968.D
Acq: 20 Nov 2023 18:54

Tgt Ion: 62 Resp: 10922
Ion Ratio Lower Upper
62 100
64 35.0 25.4 38.0





#27

cis-1,2-Dichloroethene

Concen: 38.172 ug/l

RT: 4.489 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX038968.D

Acq: 20 Nov 2023 18:54

Instrument :

MSVOA_X

ClientSampleId :

91BR-20231113

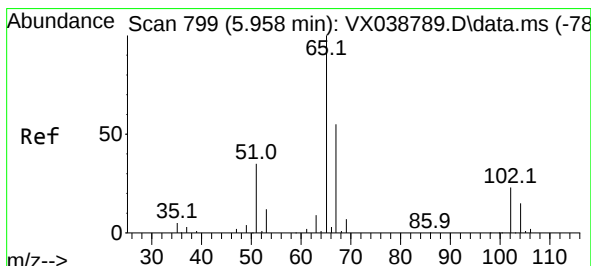
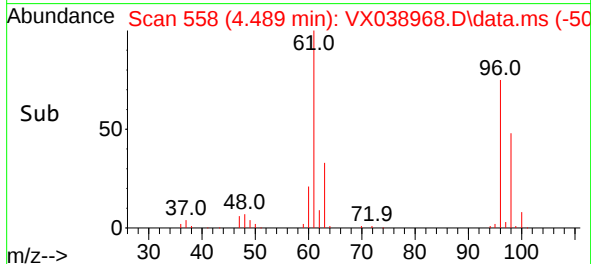
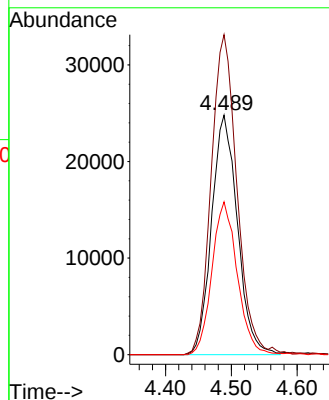
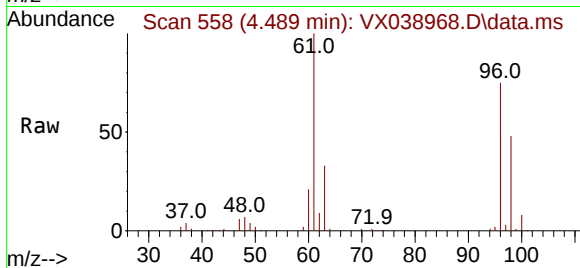
Tgt Ion: 96 Resp: 67827

Ion Ratio Lower Upper

96 100

61 133.7 0.0 312.2

98 62.7 0.0 129.0



#33

1,2-Dichloroethane-d4

Concen: 49.739 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX038968.D

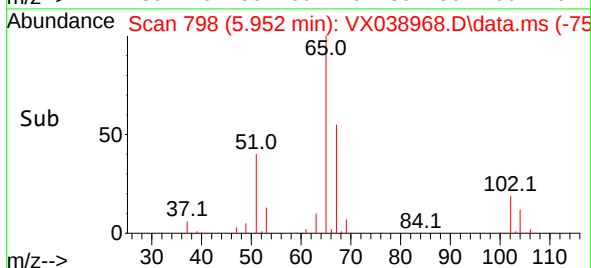
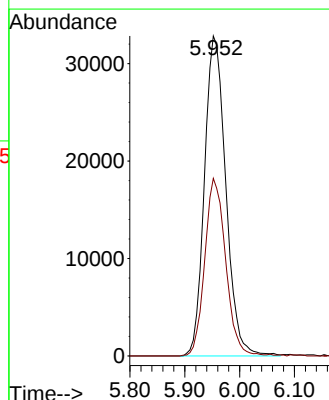
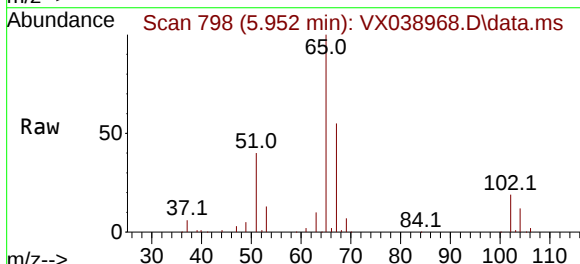
Acq: 20 Nov 2023 18:54

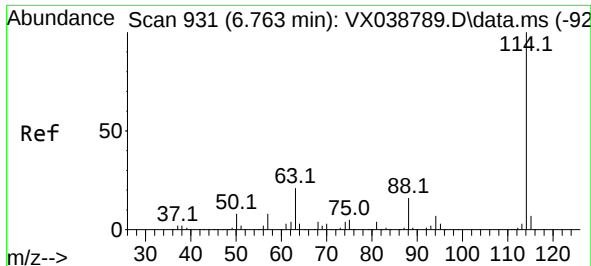
Tgt Ion: 65 Resp: 88838

Ion Ratio Lower Upper

65 100

67 54.3 0.0 100.2

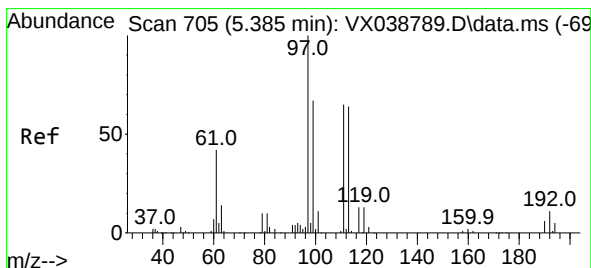
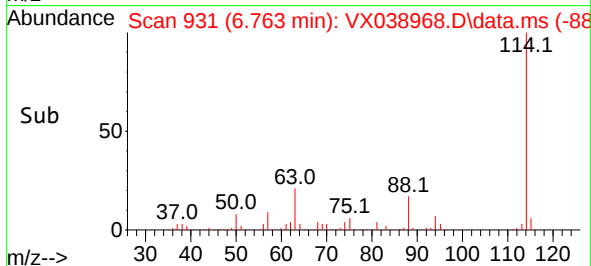
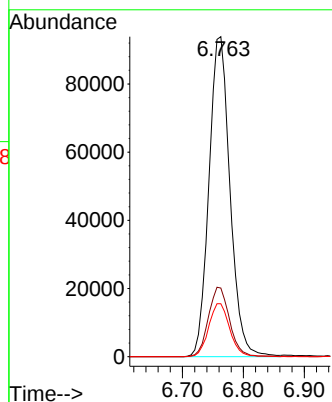
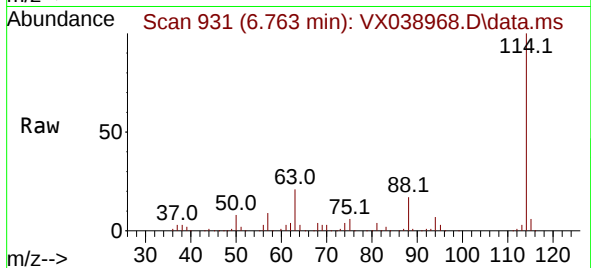




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX038968.D
Acq: 20 Nov 2023 18:54

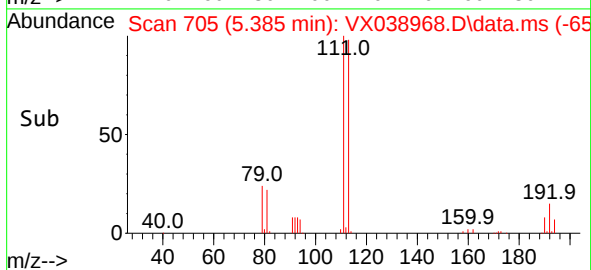
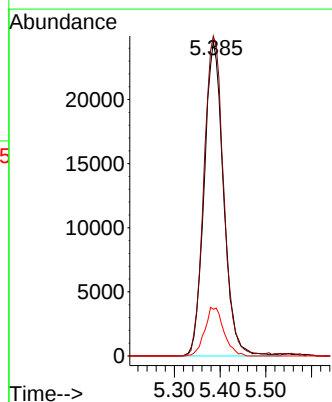
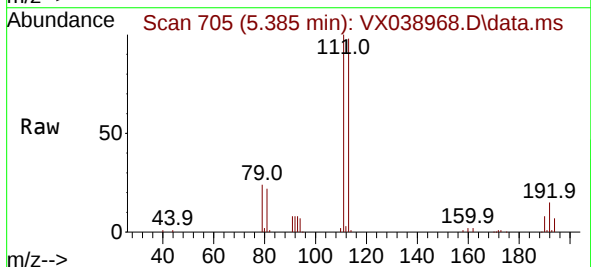
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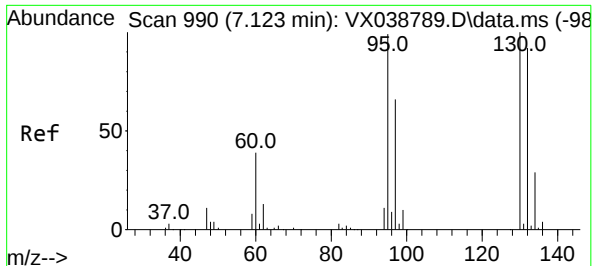
Tgt Ion:114 Resp: 225711
Ion Ratio Lower Upper
114 100
63 21.4 0.0 45.0
88 16.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.202 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX038968.D
Acq: 20 Nov 2023 18:54

Tgt Ion:113 Resp: 72055
Ion Ratio Lower Upper
113 100
111 103.5 82.9 124.3
192 15.3 13.3 19.9

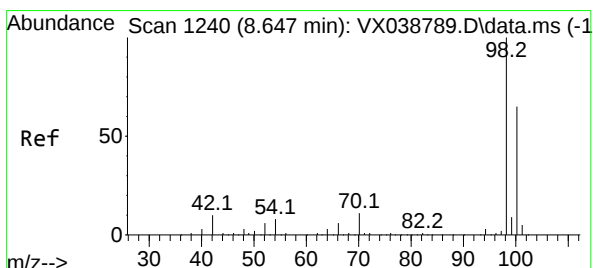
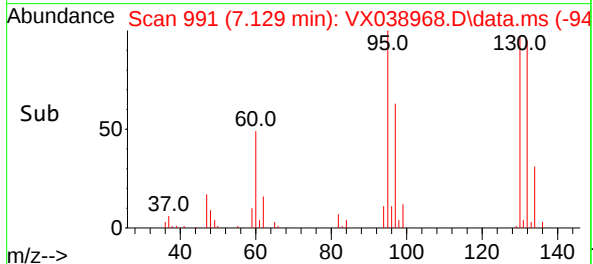
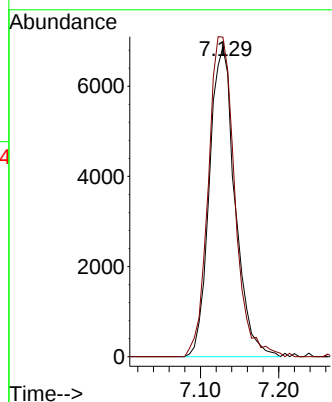
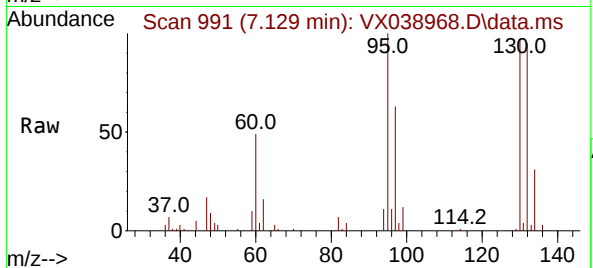




#44
Trichloroethene
Concen: 9.294 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX038968.D
Acq: 20 Nov 2023 18:54

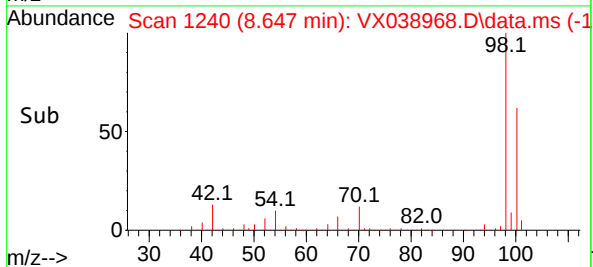
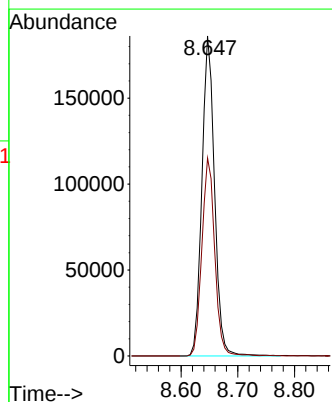
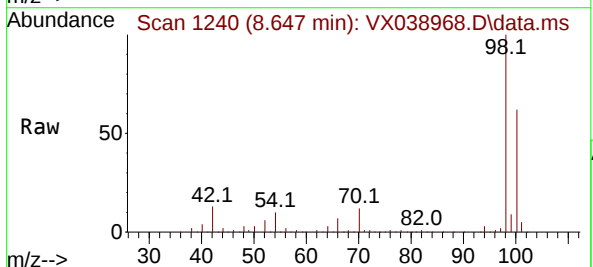
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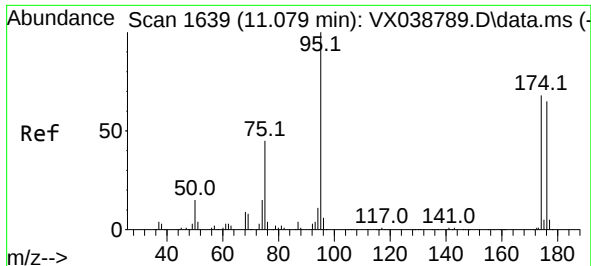
Tgt Ion:130 Resp: 15633
Ion Ratio Lower Upper
130 100
95 103.2 0.0 204.4



#50
Toluene-d8
Concen: 46.143 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX038968.D
Acq: 20 Nov 2023 18:54

Tgt Ion: 98 Resp: 287794
Ion Ratio Lower Upper
98 100
100 63.1 53.1 79.7

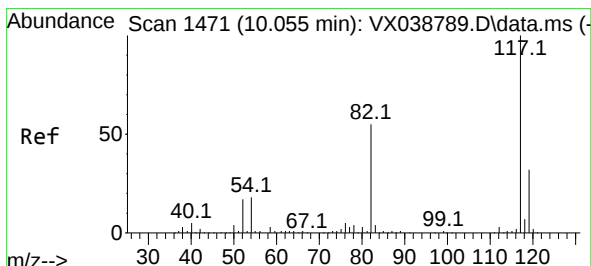
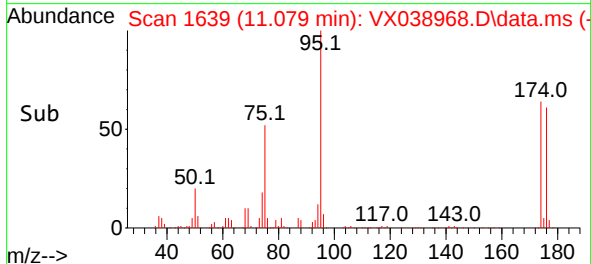
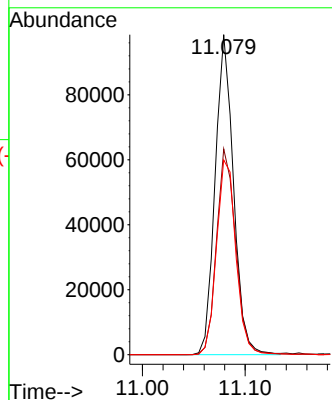
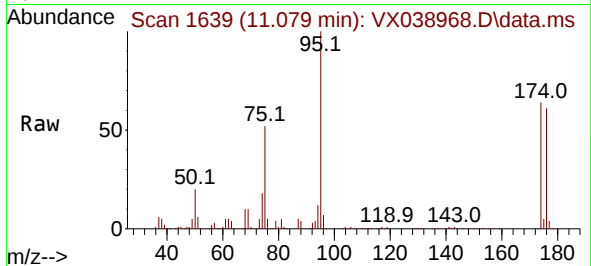




#62
4-Bromofluorobenzene
Concen: 48.918 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX038968.D
Acq: 20 Nov 2023 18:54

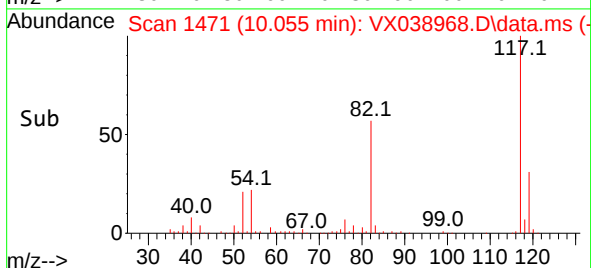
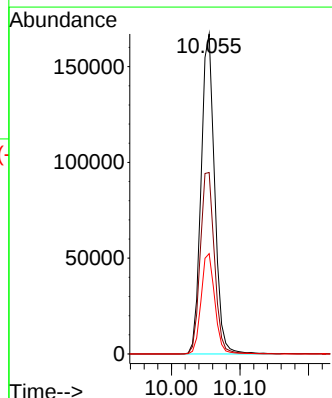
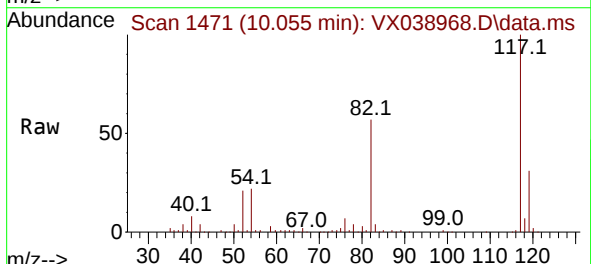
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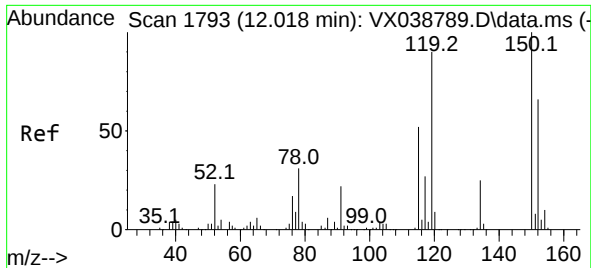
Tgt Ion: 95 Resp: 122134
Ion Ratio Lower Upper
95 100
174 67.0 0.0 135.6
176 64.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038968.D
Acq: 20 Nov 2023 18:54

Tgt Ion: 117 Resp: 230511
Ion Ratio Lower Upper
117 100
82 56.7 46.2 69.4
119 31.4 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX038968.D

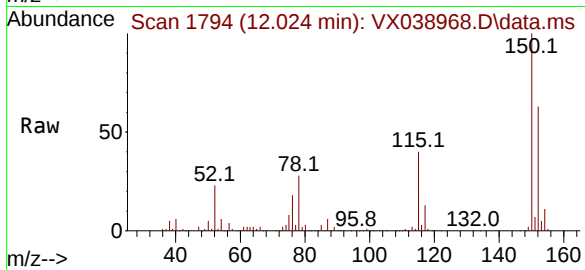
Acq: 20 Nov 2023 18:54

Instrument :

MSVOA_X

ClientSampleId :

91BR-20231113



Tgt Ion:152 Resp: 115141

Ion Ratio Lower Upper

152 100

115 66.5 43.3 129.9

150 160.9 0.0 345.0

