

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112023\
 Data File : VX038965.D
 Acq On : 20 Nov 2023 17:45
 Operator : JC/MD
 Sample : 05431-09 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 29BR-20231113

Quant Time: Nov 21 00:24:03 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)

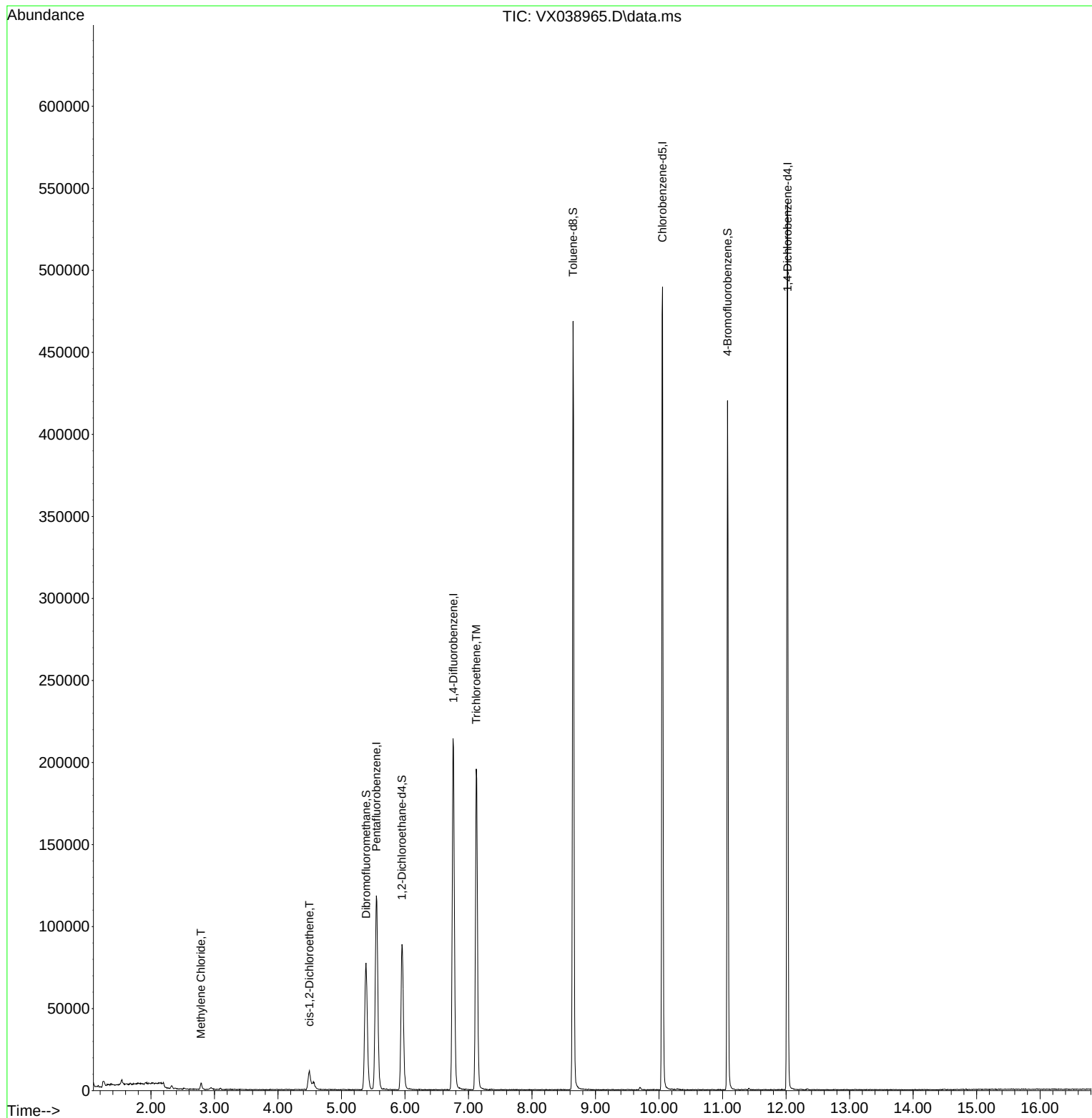
Internal Standards						
1) Pentafluorobenzene	5.550	168	104666	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	214561	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	218374	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	108642	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	85976	50.978	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.960%
35) Dibromofluoromethane	5.385	113	69310	44.727	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.460%
50) Toluene-d8	8.647	98	270918	45.695	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.380%#
62) 4-Bromofluorobenzene	11.079	95	117104	49.341	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.680%
Target Compounds						
						Qvalue
20) Methylene Chloride	2.788	84	1722	1.064	ug/l	93
27) cis-1,2-Dichloroethene	4.495	96	7201	4.292	ug/l	85
44) Trichloroethene	7.123	130	72624	45.420	ug/l	95

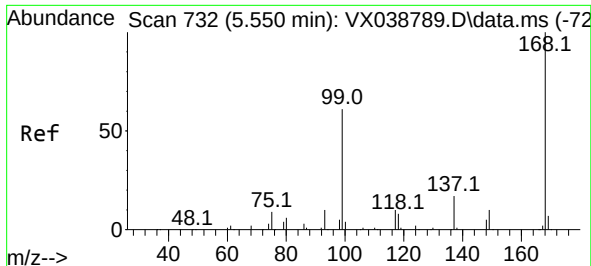
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1
Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.000 min

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Instrument :

MSVOA_X

ClientSampleId :

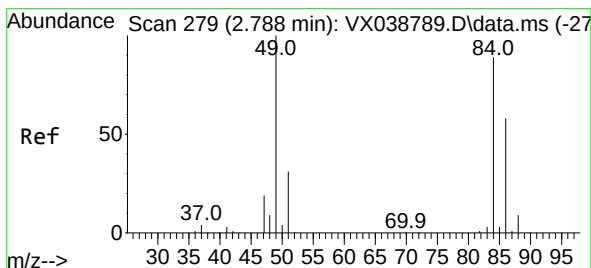
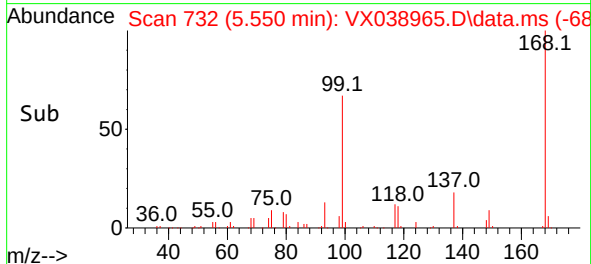
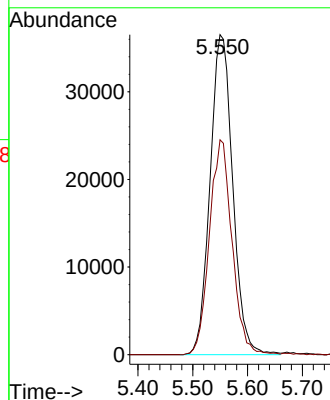
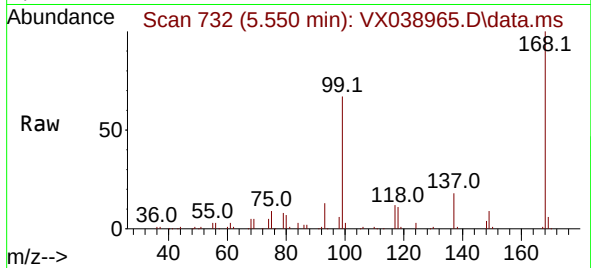
29BR-20231113

Tgt Ion:168 Resp: 104666

Ion Ratio Lower Upper

168 100

99 67.2 56.6 85.0



#20

Methylene Chloride

Concen: 1.064 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX038965.D

Acq: 20 Nov 2023 17:45

Tgt Ion: 84 Resp: 1722

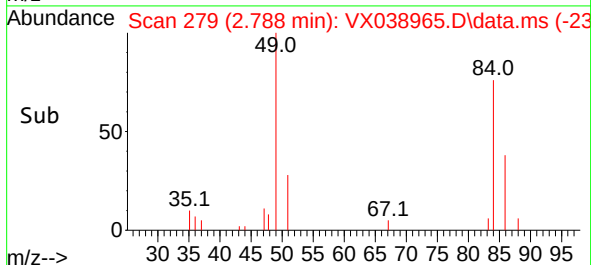
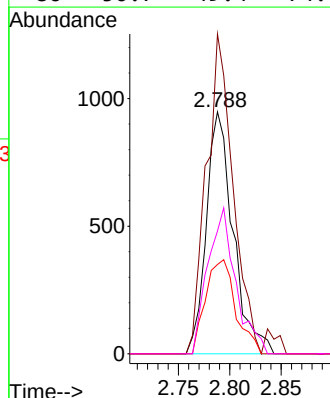
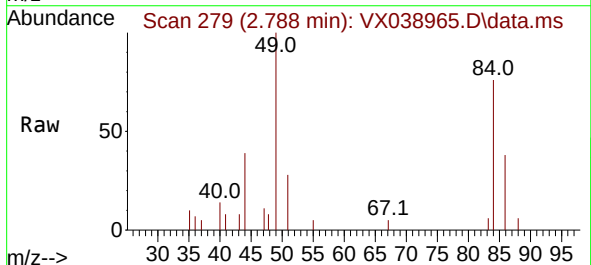
Ion Ratio Lower Upper

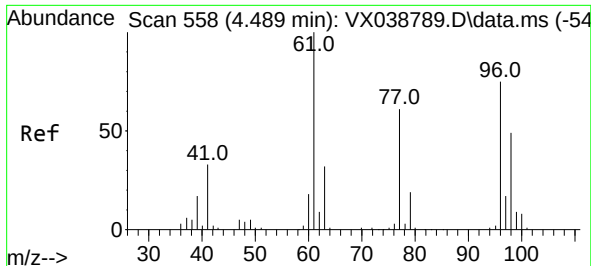
84 100

49 132.2 103.6 155.4

51 36.9 33.8 50.6

86 50.7 49.4 74.0





#27

cis-1,2-Dichloroethene

Concen: 4.292 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX038965.D

Acq: 20 Nov 2023 17:45

Instrument :

MSVOA_X

ClientSampleId :

29BR-20231113

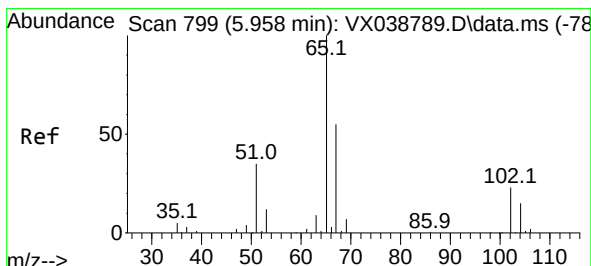
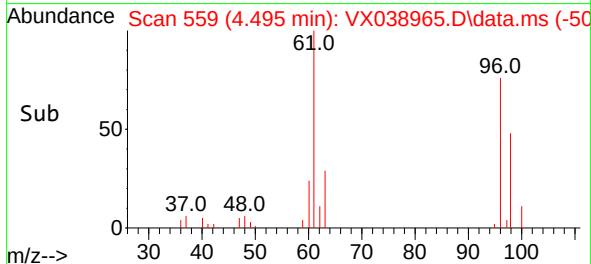
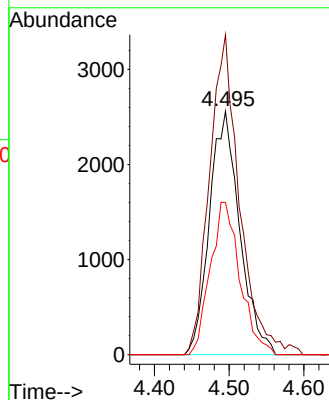
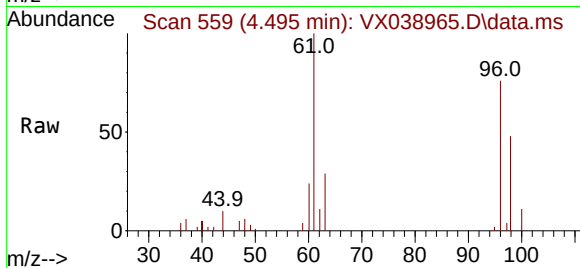
Tgt Ion: 96 Resp: 7201

Ion Ratio Lower Upper

96 100

61 131.0 0.0 312.2

98 61.6 0.0 129.0



#33

1,2-Dichloroethane-d4

Concen: 50.978 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX038965.D

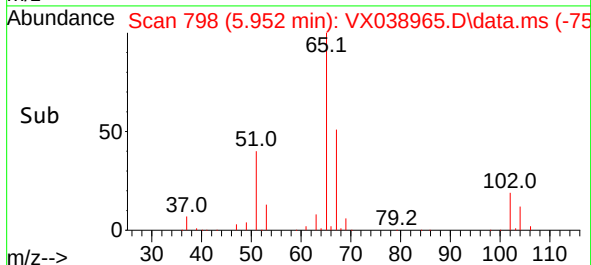
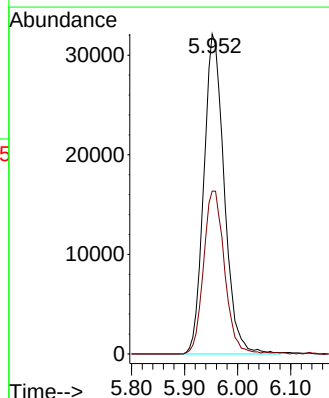
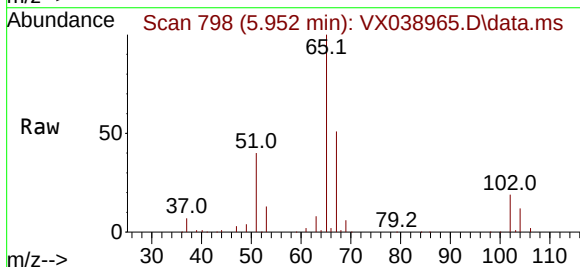
Acq: 20 Nov 2023 17:45

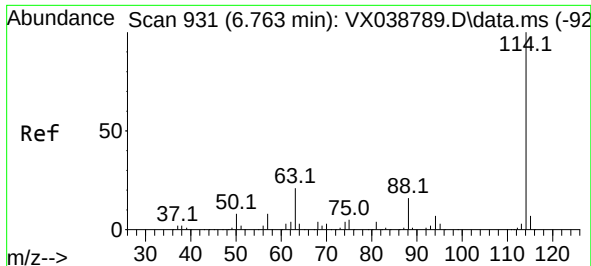
Tgt Ion: 65 Resp: 85976

Ion Ratio Lower Upper

65 100

67 52.2 0.0 100.2

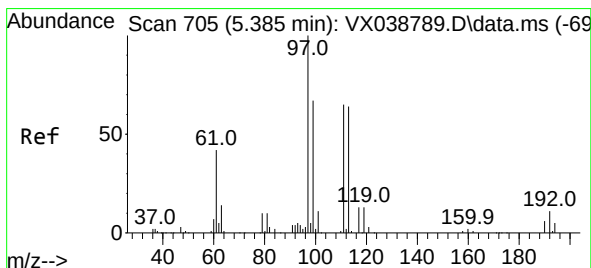
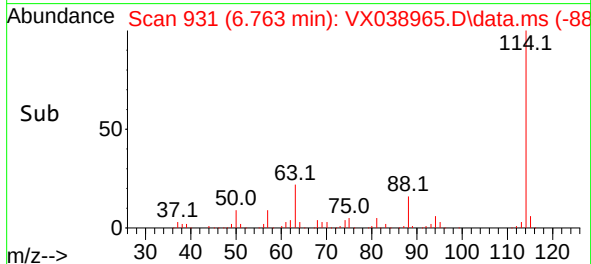
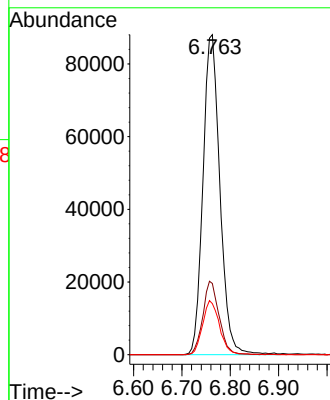
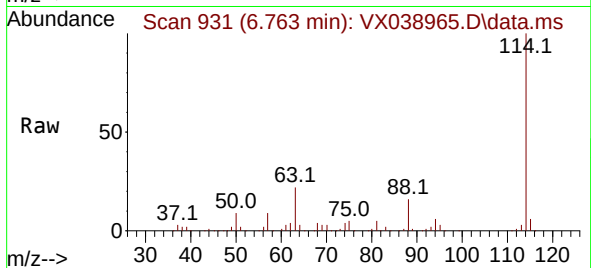




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX038965.D
Acq: 20 Nov 2023 17:45

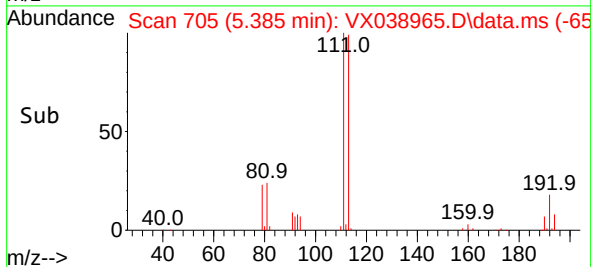
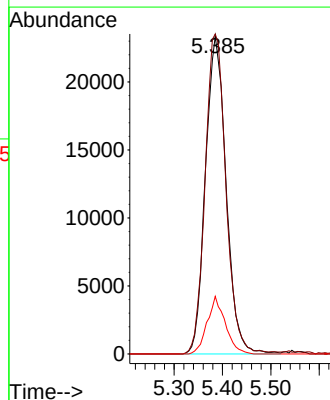
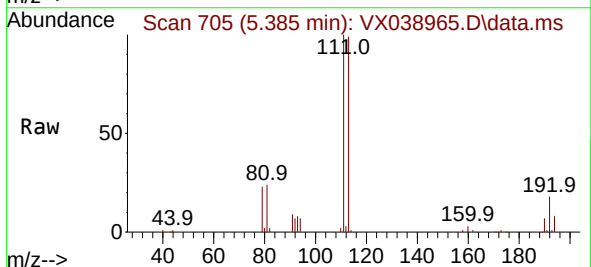
Instrument :
MSVOA_X
ClientSampleId :
29BR-20231113

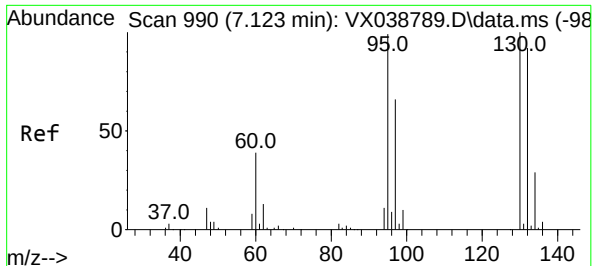
Tgt Ion:114 Resp: 214561
Ion Ratio Lower Upper
114 100
63 22.2 0.0 45.0
88 16.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.727 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038965.D
Acq: 20 Nov 2023 17:45

Tgt Ion:113 Resp: 69310
Ion Ratio Lower Upper
113 100
111 101.5 82.9 124.3
192 15.9 13.3 19.9

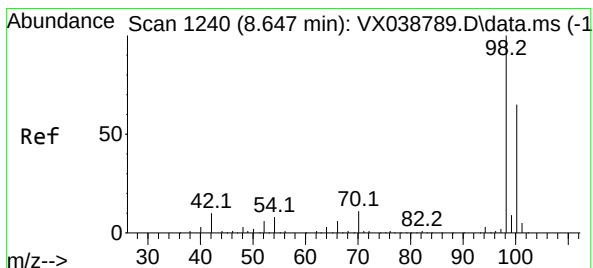
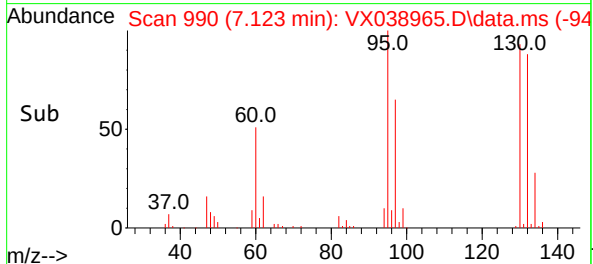
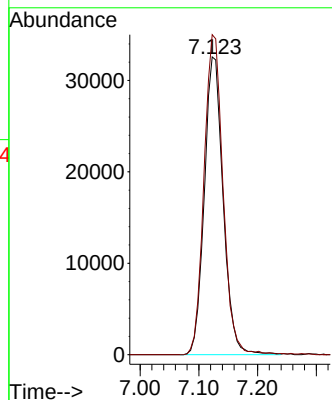
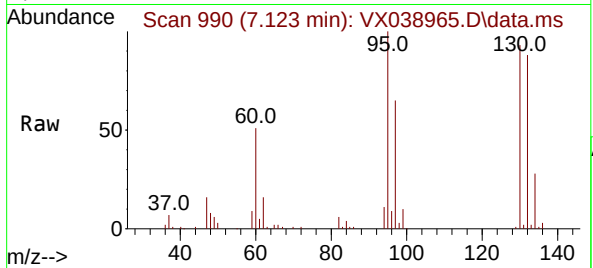




#44
Trichloroethene
Concen: 45.420 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX038965.D
Acq: 20 Nov 2023 17:45

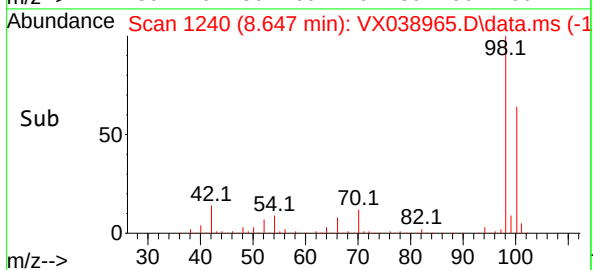
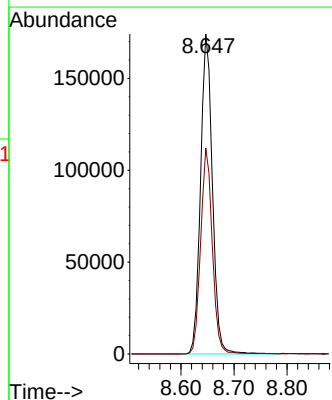
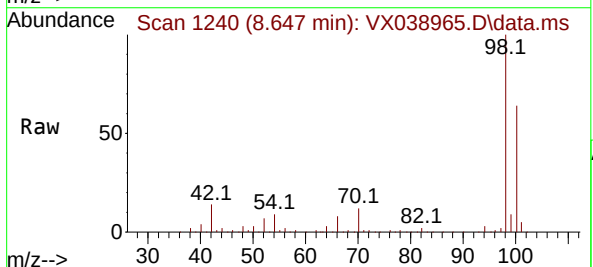
Instrument :
MSVOA_X
ClientSampleId :
29BR-20231113

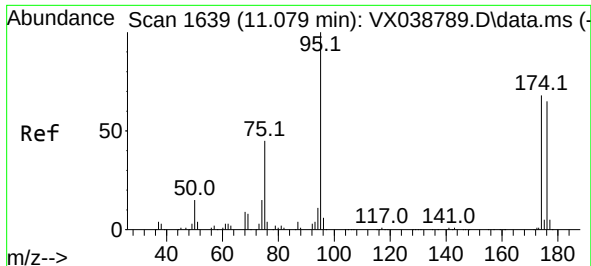
Tgt Ion:130 Resp: 72624
Ion Ratio Lower Upper
130 100
95 107.5 0.0 204.4



#50
Toluene-d8
Concen: 45.695 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX038965.D
Acq: 20 Nov 2023 17:45

Tgt Ion: 98 Resp: 270918
Ion Ratio Lower Upper
98 100
100 63.5 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 49.341 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038965.D

Acq: 20 Nov 2023 17:45

Instrument :

MSVOA_X

ClientSampleId :

29BR-20231113

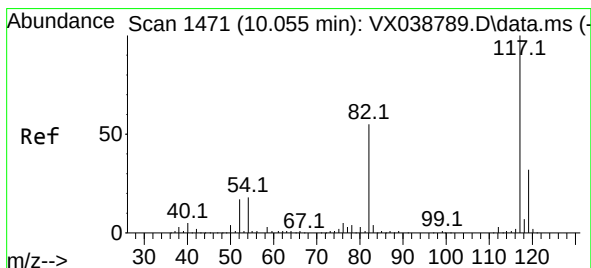
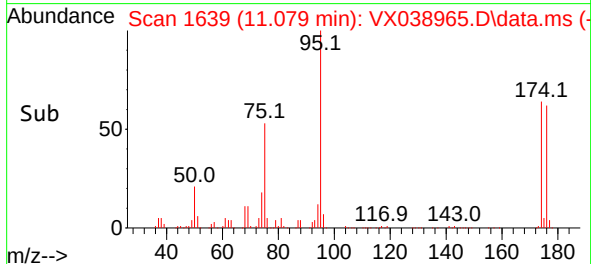
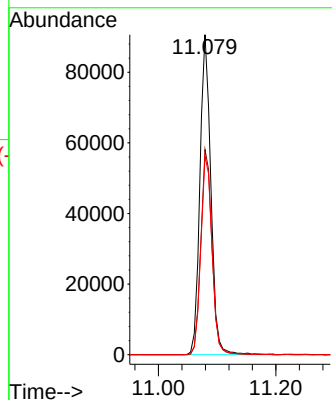
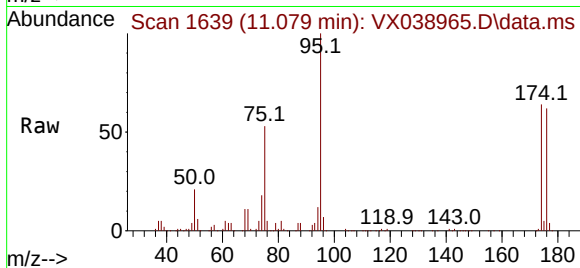
Tgt Ion: 95 Resp: 117104

Ion Ratio Lower Upper

95 100

174 65.4 0.0 135.6

176 63.6 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: VX038965.D

Acq: 20 Nov 2023 17:45

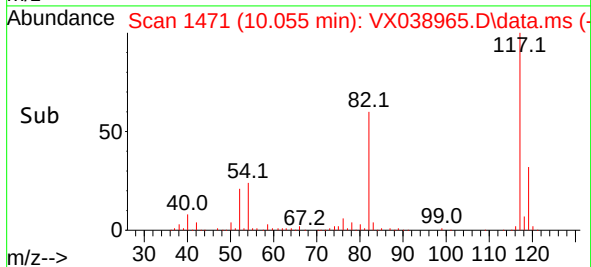
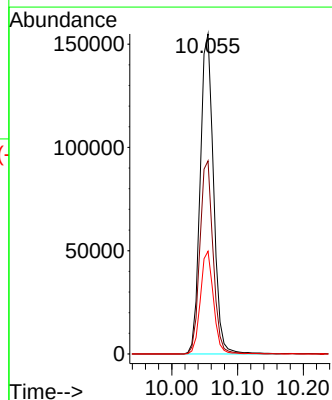
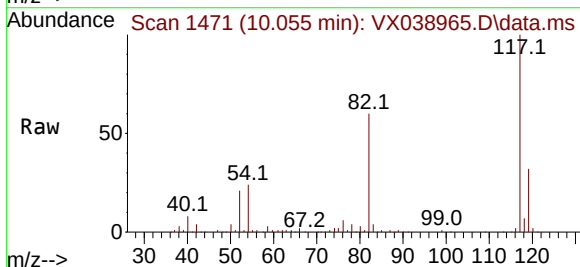
Tgt Ion: 117 Resp: 218374

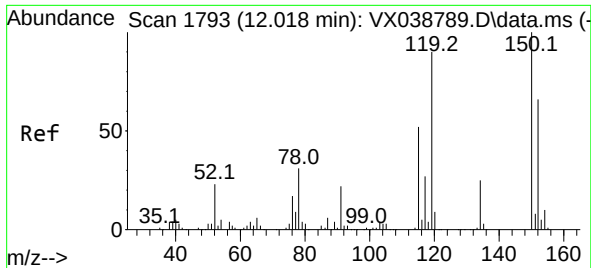
Ion Ratio Lower Upper

117 100

82 60.3 46.2 69.4

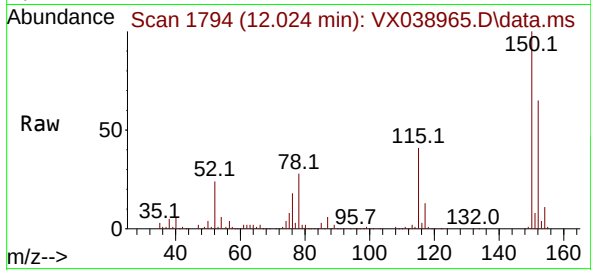
119 32.1 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX038965.D
 Acq: 20 Nov 2023 17:45

Instrument :
 MSVOA_X
 ClientSampleId :
 29BR-20231113



Tgt Ion:152 Resp: 108642
 Ion Ratio Lower Upper
 152 100
 115 66.3 43.3 129.9
 150 158.8 0.0 345.0

