

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111023\
 Data File : VX038764.D
 Acq On : 11 Nov 2023 07:04
 Operator : JC/MD
 Sample : 05350-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT149S1-20231107

Quant Time: Nov 13 01:07:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 08 03:19:07 2023
 Response via : Initial Calibration

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

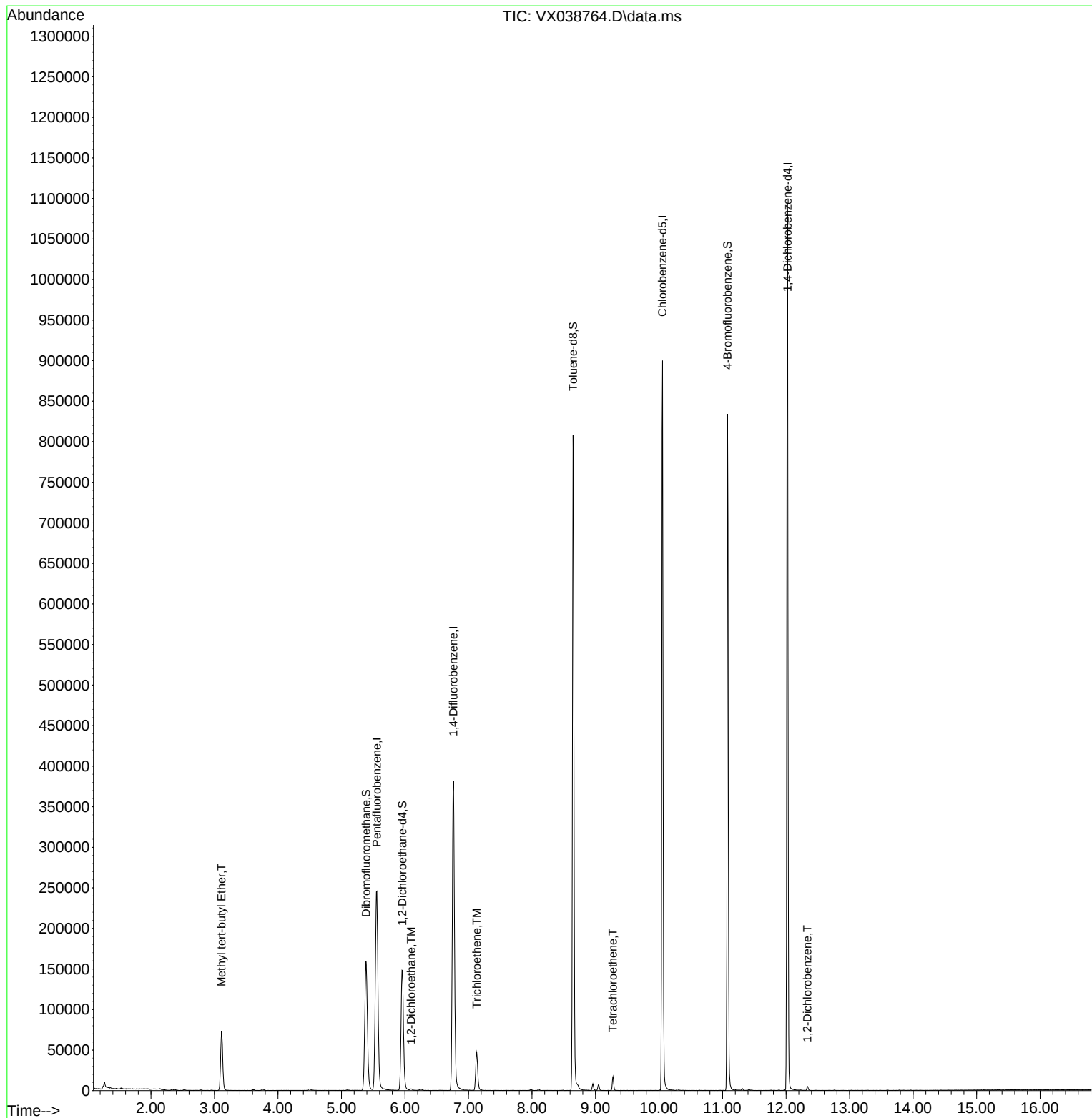
Internal Standards						
1) Pentafluorobenzene	5.556	168	261382	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	430285	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	450592	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	257229	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	151217	46.469	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.940%
35) Dibromofluoromethane	5.385	113	141793	45.754	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.500%
50) Toluene-d8	8.647	98	512689	46.232	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.460%
62) 4-Bromofluorobenzene	11.079	95	218135	50.734	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.460%
Target Compounds						
						Qvalue
19) Methyl tert-butyl Ether	3.111	73	84696	10.858	ug/l	95
42) 1,2-Dichloroethane	6.098	62	1932	0.483	ug/l	100
44) Trichloroethene	7.129	130	20018	5.802	ug/l	87
64) Tetrachloroethene	9.275	164	3499	1.037	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	2080	0.257	ug/l	92

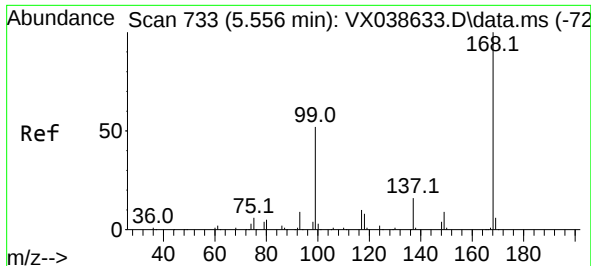
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

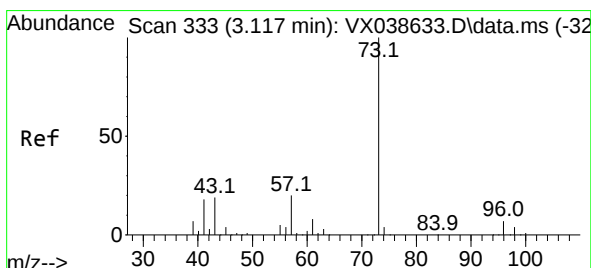
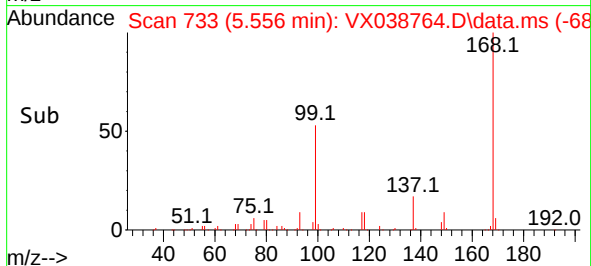
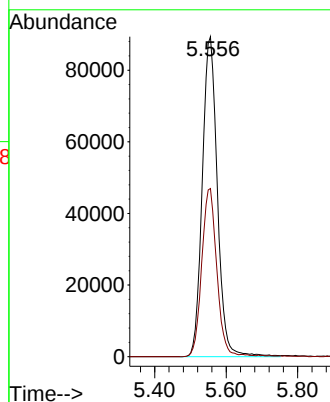
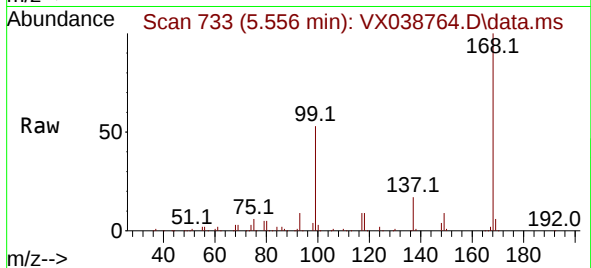




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038764.D
Acq: 11 Nov 2023 07:04

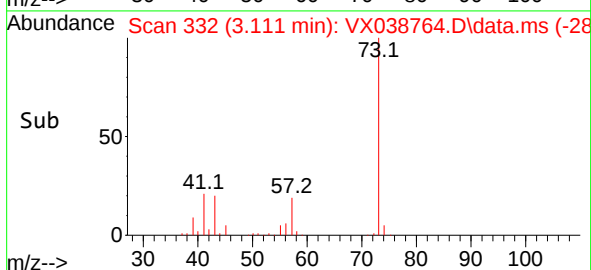
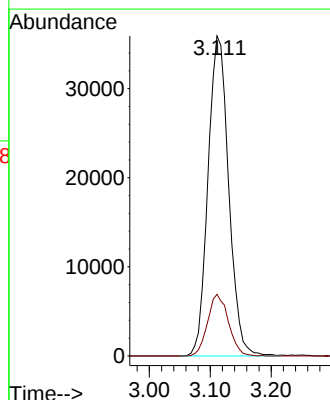
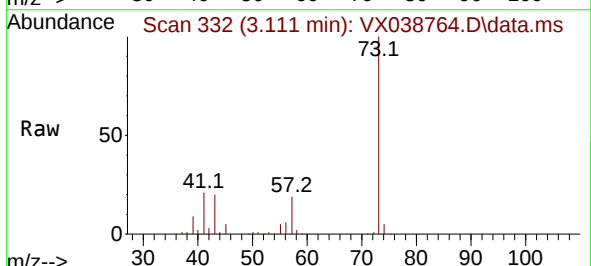
Instrument :
MSVOA_X
ClientSampleId :
TT149S1-20231107

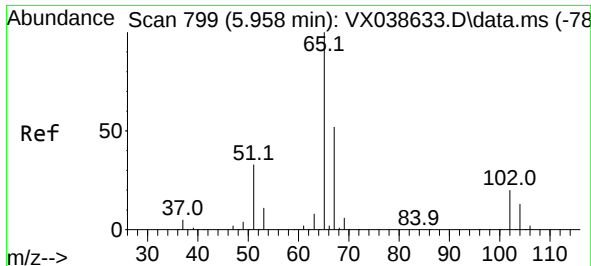
Tgt Ion:168 Resp: 261382
Ion Ratio Lower Upper
168 100
99 52.5 56.6 85.0#



#19
Methyl tert-butyl Ether
Concen: 10.858 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.006 min
Lab File: VX038764.D
Acq: 11 Nov 2023 07:04

Tgt Ion: 73 Resp: 84696
Ion Ratio Lower Upper
73 100
57 19.2 17.3 25.9





#33

1,2-Dichloroethane-d4

Concen: 46.469 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038764.D

Acq: 11 Nov 2023 07:04

Instrument :

MSVOA_X

ClientSampleId :

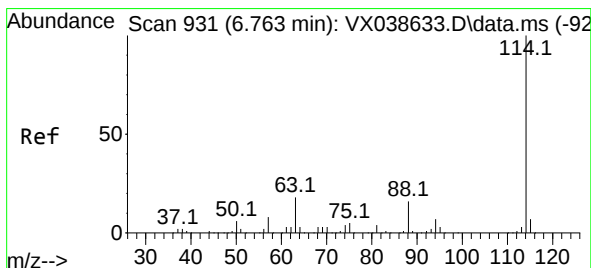
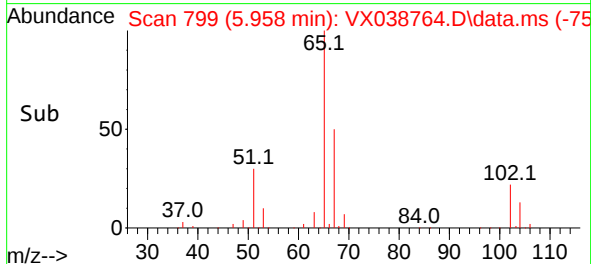
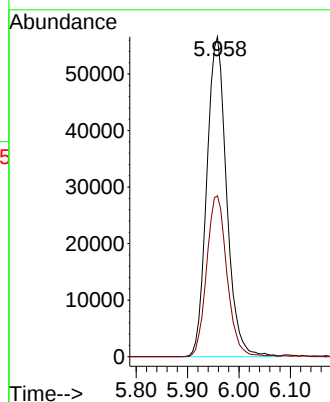
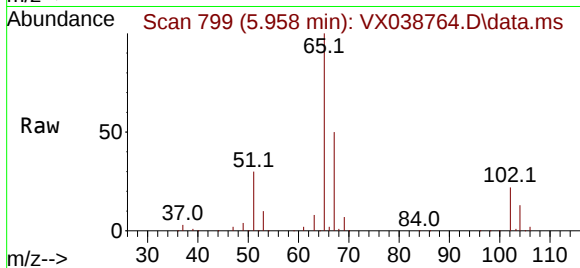
TT149S1-20231107

Tgt Ion: 65 Resp: 151217

Ion Ratio Lower Upper

65 100

67 51.7 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: VX038764.D

Acq: 11 Nov 2023 07:04

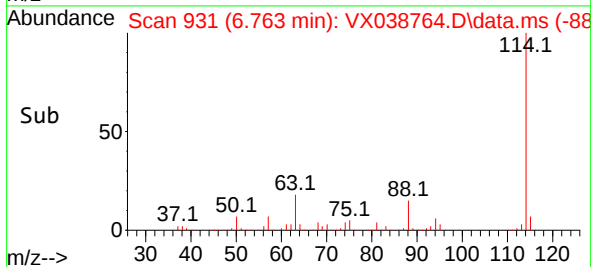
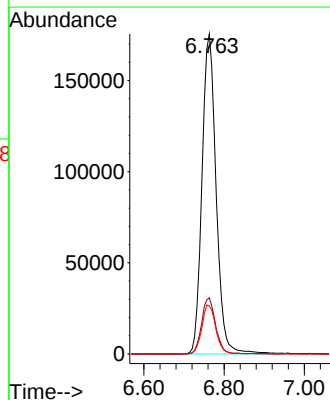
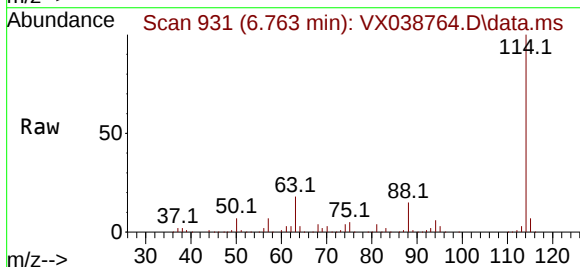
Tgt Ion: 114 Resp: 430285

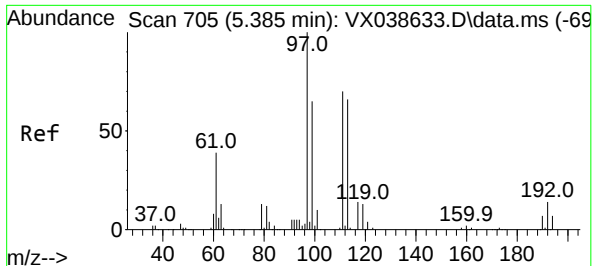
Ion Ratio Lower Upper

114 100

63 17.5 0.0 45.0

88 15.0 0.0 36.6

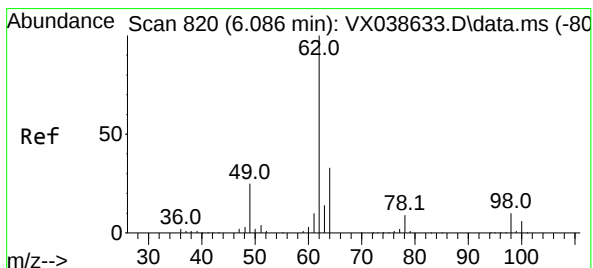
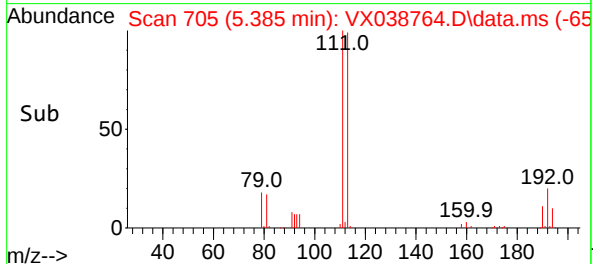
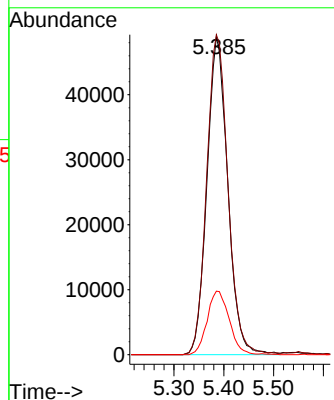
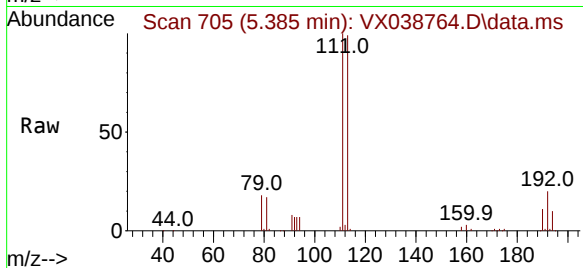




#35
Dibromofluoromethane
Concen: 45.754 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038764.D
Acq: 11 Nov 2023 07:04

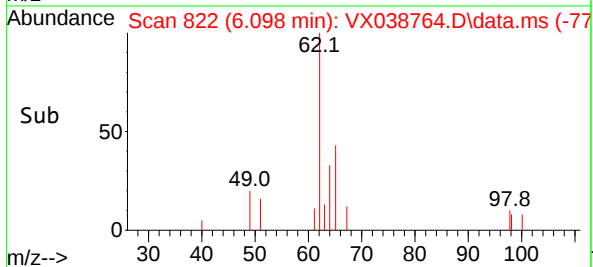
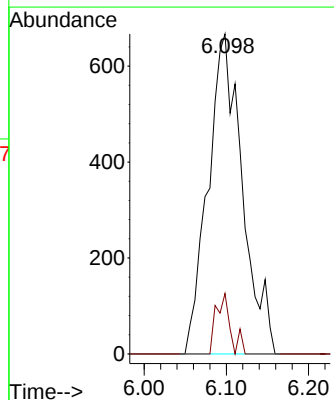
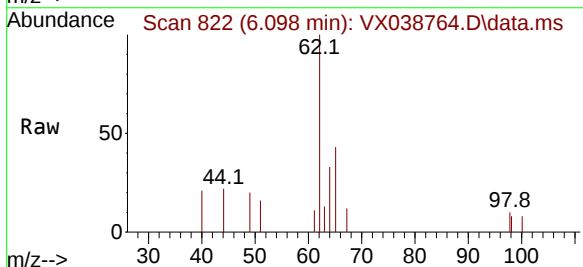
Instrument :
MSVOA_X
ClientSampleId :
TT149S1-20231107

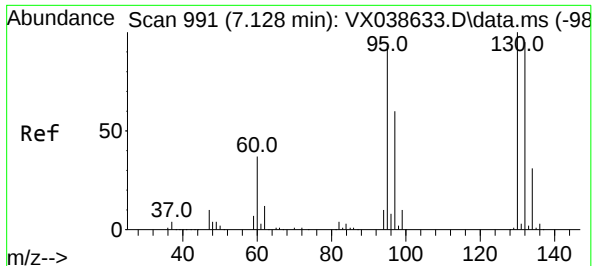
Tgt Ion:113 Resp: 141793
Ion Ratio Lower Upper
113 100
111 103.0 82.9 124.3
192 21.1 13.3 19.9#



#42
1,2-Dichloroethane
Concen: 0.483 ug/l
RT: 6.098 min Scan# 822
Delta R.T. 0.012 min
Lab File: VX038764.D
Acq: 11 Nov 2023 07:04

Tgt Ion: 62 Resp: 1932
Ion Ratio Lower Upper
62 100
98 7.9 0.0 16.0

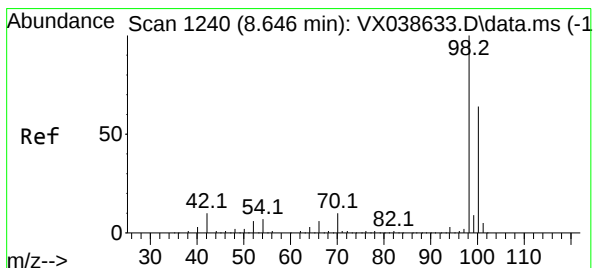
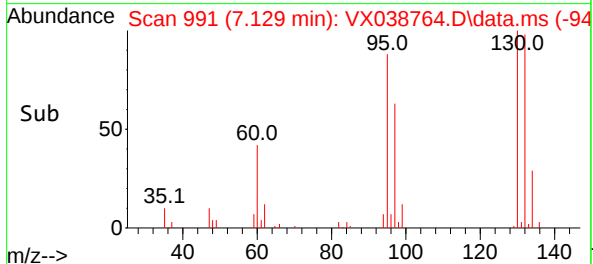
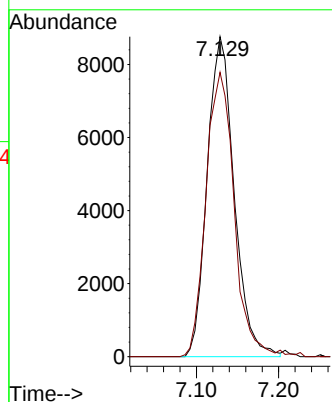
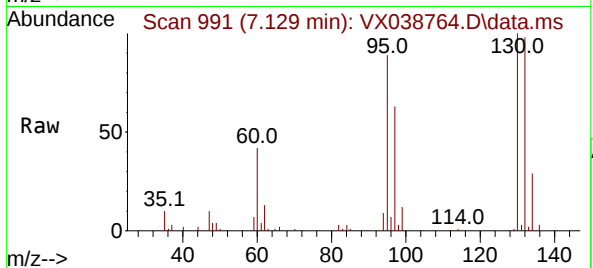




#44
Trichloroethene
Concen: 5.802 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX038764.D
Acq: 11 Nov 2023 07:04

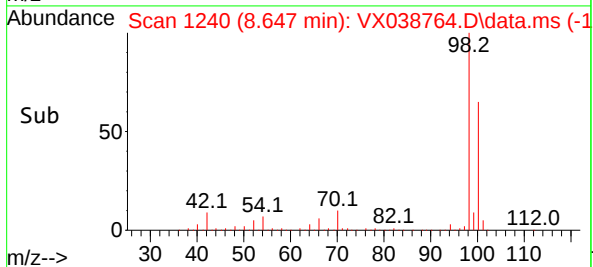
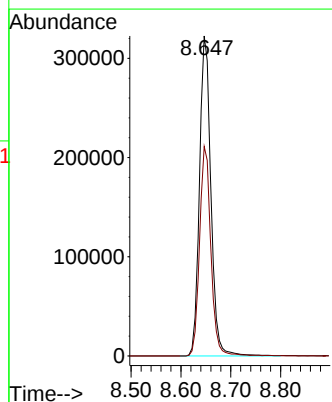
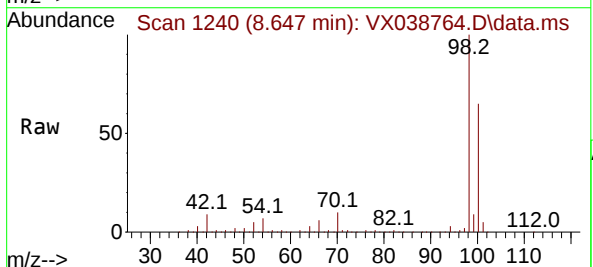
Instrument :
MSVOA_X
ClientSampleId :
TT149S1-20231107

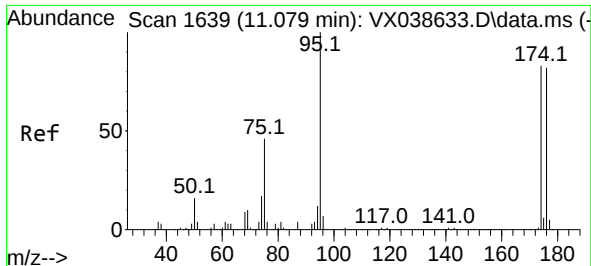
Tgt Ion:130 Resp: 20018
Ion Ratio Lower Upper
130 100
95 88.9 0.0 204.4



#50
Toluene-d8
Concen: 46.232 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX038764.D
Acq: 11 Nov 2023 07:04

Tgt Ion: 98 Resp: 512689
Ion Ratio Lower Upper
98 100
100 64.8 53.1 79.7

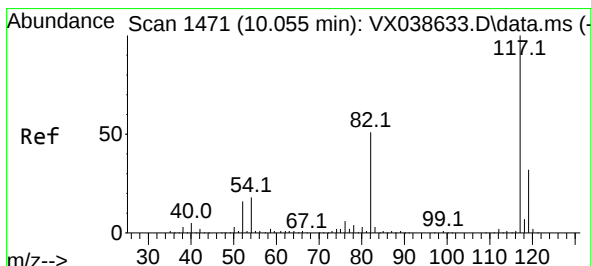
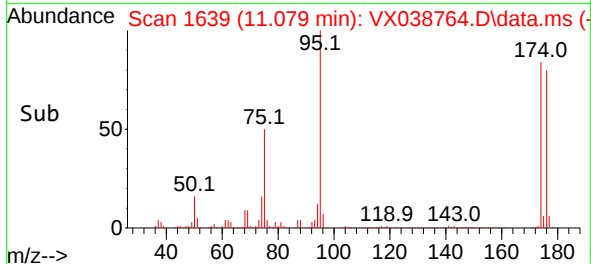
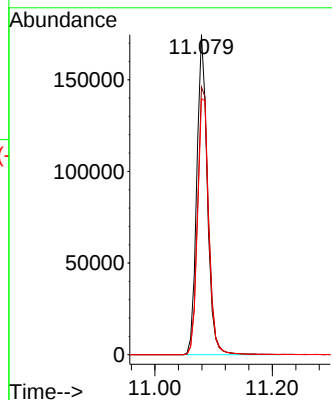
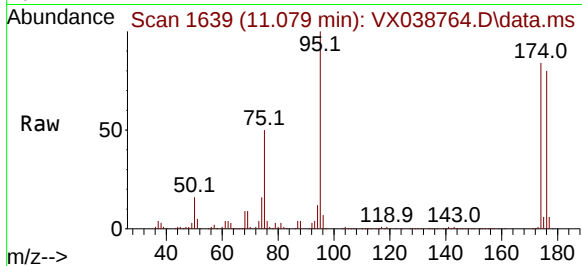




#62
4-Bromofluorobenzene
Concen: 50.734 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038764.D
Acq: 11 Nov 2023 07:04

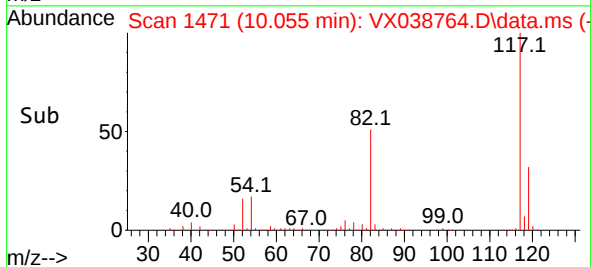
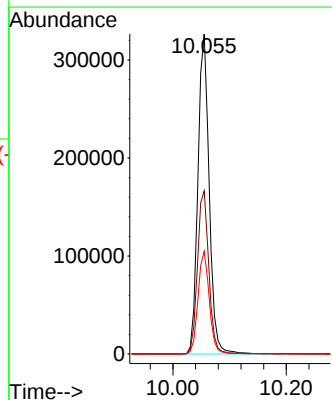
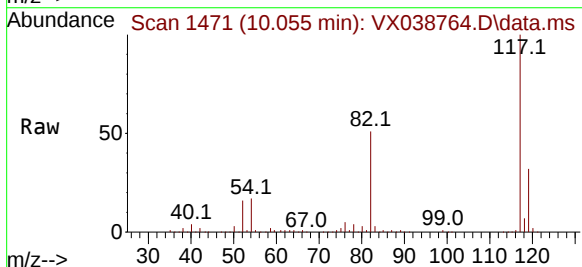
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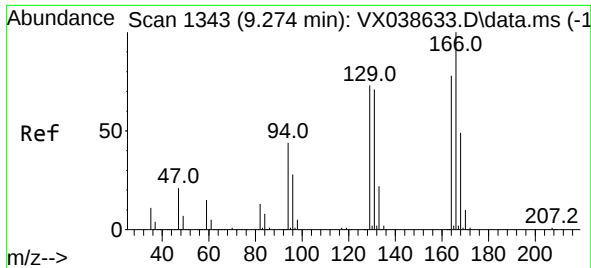
Tgt Ion: 95 Resp: 218135
Ion Ratio Lower Upper
95 100
174 88.5 0.0 135.6
176 85.2 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038764.D
Acq: 11 Nov 2023 07:04

Tgt Ion: 117 Resp: 450592
Ion Ratio Lower Upper
117 100
82 51.0 46.2 69.4
119 32.1 25.5 38.3





#64

Tetrachloroethene

Concen: 1.037 ug/l

RT: 9.275 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038764.D

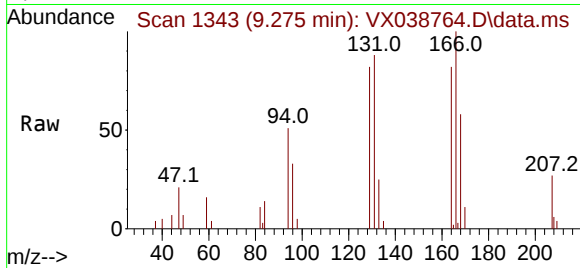
Acq: 11 Nov 2023 07:04

Instrument :

MSVOA_X

ClientSampleId :

TT149S1-20231107



Tgt Ion:164 Resp: 3499

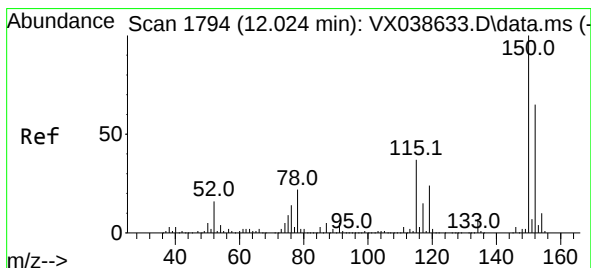
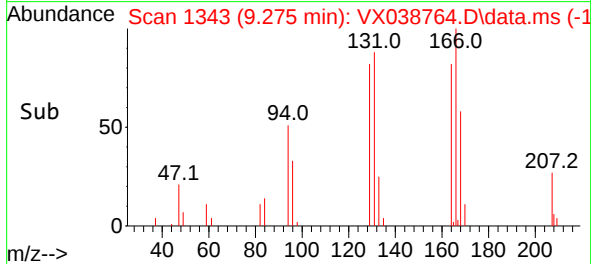
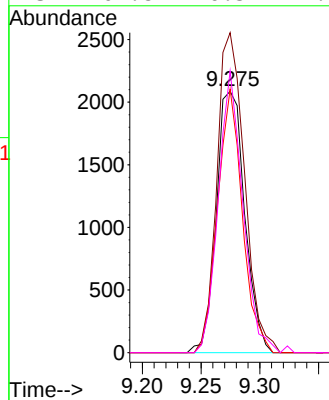
Ion Ratio Lower Upper

164 100

166 122.4 102.7 154.1

129 100.8 80.4 120.6

131 107.8 76.5 114.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX038764.D

Acq: 11 Nov 2023 07:04

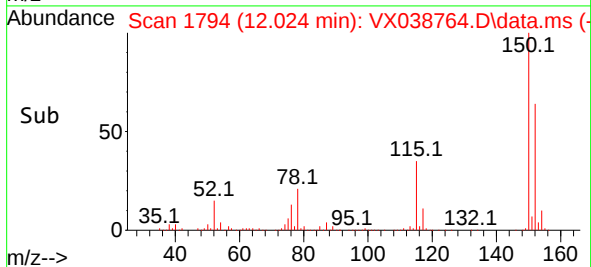
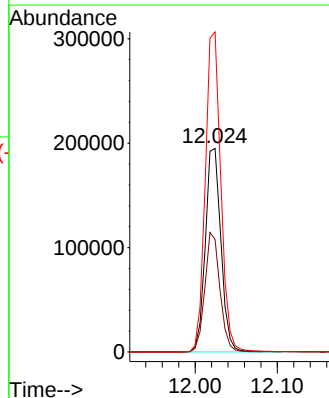
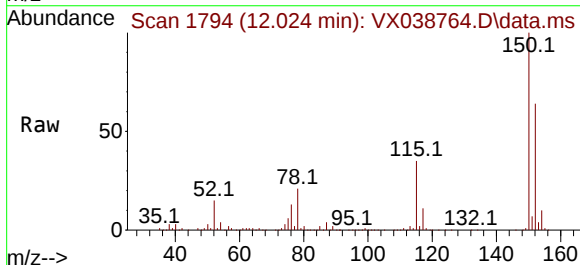
Tgt Ion:152 Resp: 257229

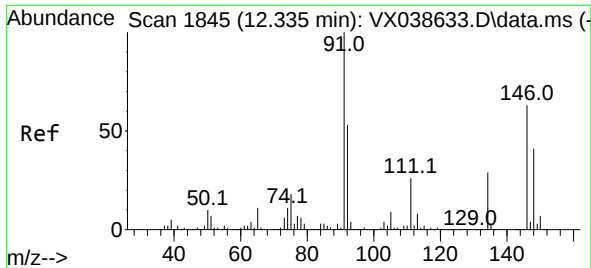
Ion Ratio Lower Upper

152 100

115 56.9 43.3 129.9

150 157.0 0.0 345.0





#91
 1,2-Dichlorobenzene
 Concen: 0.257 ug/l
 RT: 12.335 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX038764.D
 Acq: 11 Nov 2023 07:04

Instrument :
 MSVOA_X
 ClientSampleId :
 TT149S1-20231107

Tgt Ion:146	Resp:	2080	
Ion	Ratio	Lower	Upper
146	100		
111	35.6	22.4	67.0
148	66.1	31.6	95.0

