

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111823\
 Data File : VX038934.D
 Acq On : 18 Nov 2023 17:27
 Operator : JC/MD
 Sample : 05404-30
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D1-20231110

Quant Time: Nov 20 04:37:48 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)

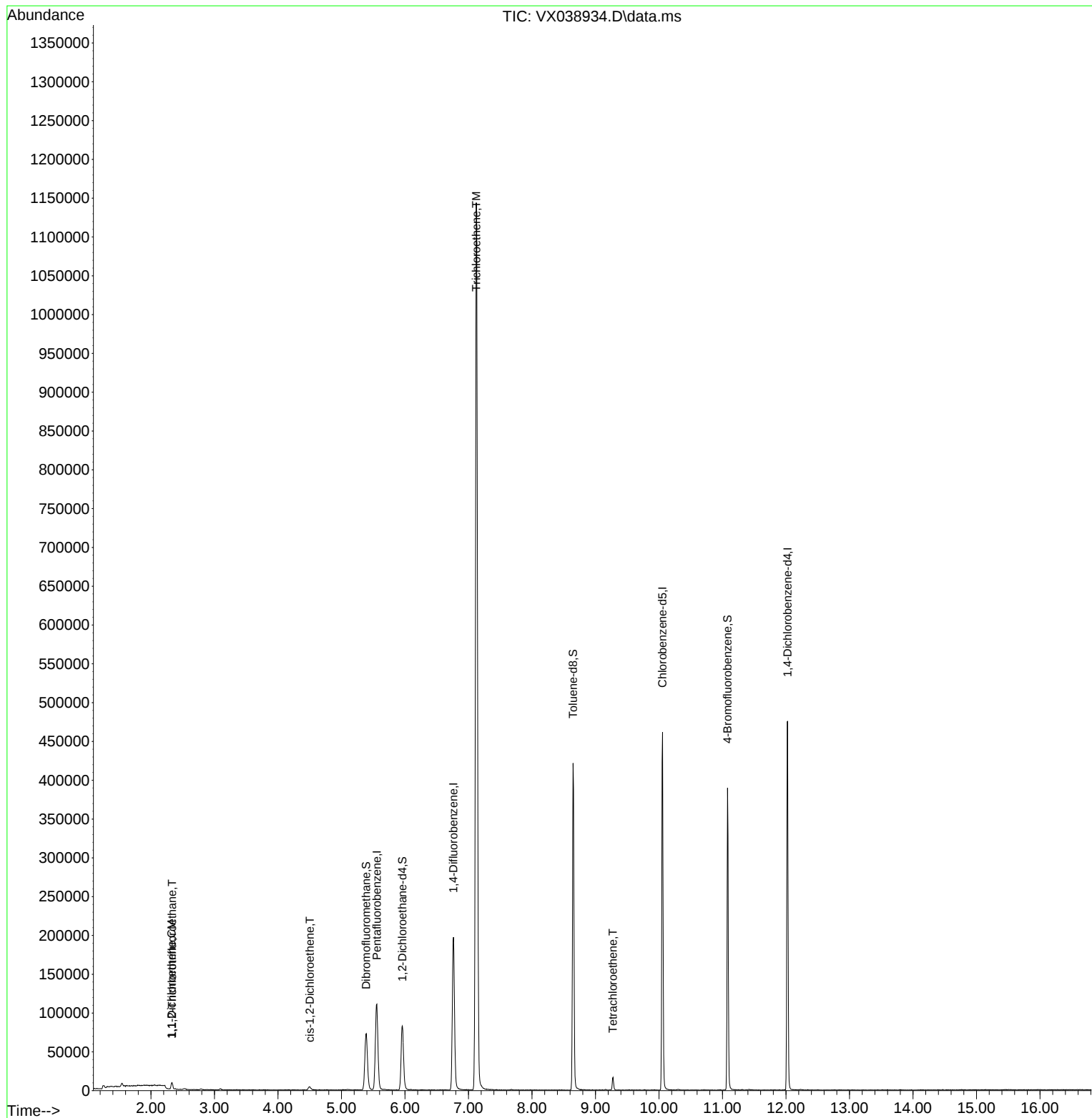
Internal Standards						
1) Pentafluorobenzene	5.556	168	98939	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	202518	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	202769	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98311	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	79622	49.943	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.880%		
35) Dibromofluoromethane	5.385	113	65102	44.510	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.020%		
50) Toluene-d8	8.647	98	253602	45.318	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	90.640%#		
62) 4-Bromofluorobenzene	11.079	95	107179	47.844	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.680%		
Target Compounds						
9) 1,1,2-Trichlorotrifluo...	2.331	101	2775	2.272	ug/l	90
12) 1,1-Dichloroethene	2.325	96	809	0.656	ug/l #	76
27) cis-1,2-Dichloroethene	4.501	96	2592	1.634	ug/l	87
44) Trichloroethene	7.123	130	423213	280.425	ug/l	94
64) Tetrachloroethene	9.275	164	2745	2.178	ug/l	92

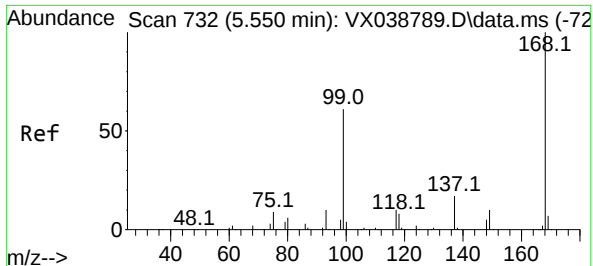
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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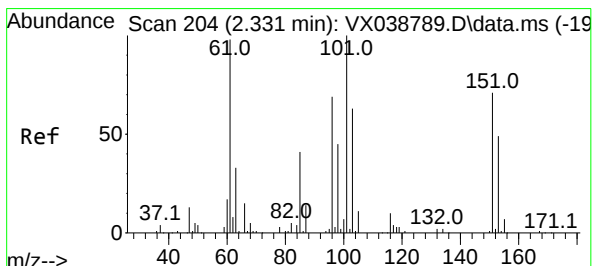
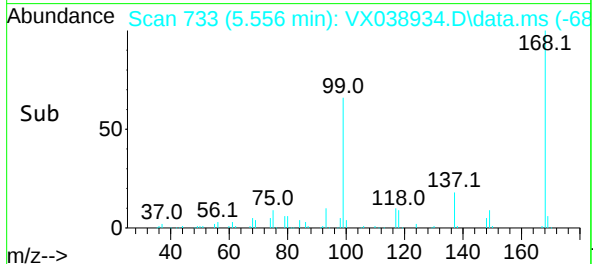
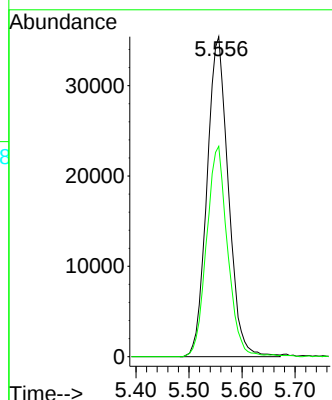
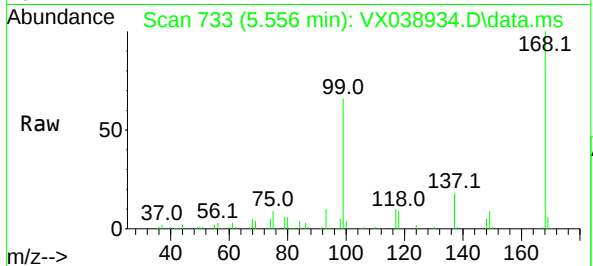




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX038934.D
Acq: 18 Nov 2023 17:27

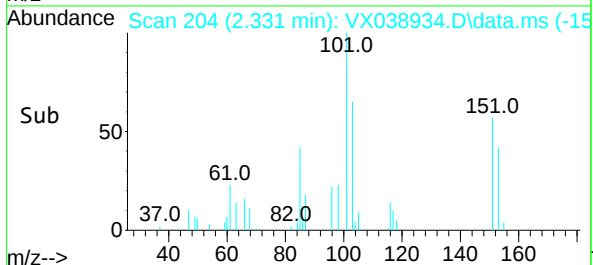
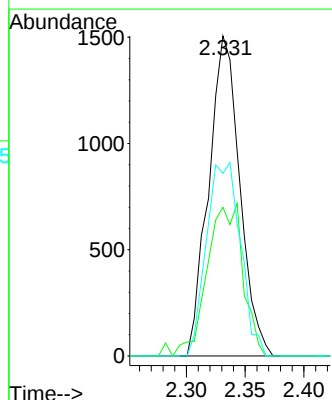
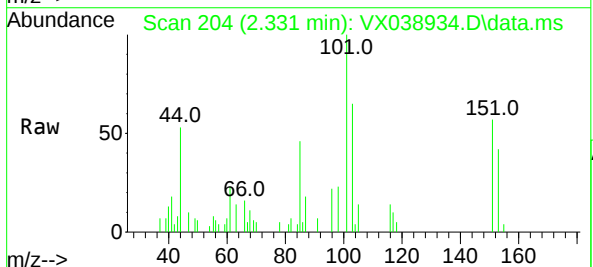
Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20231110

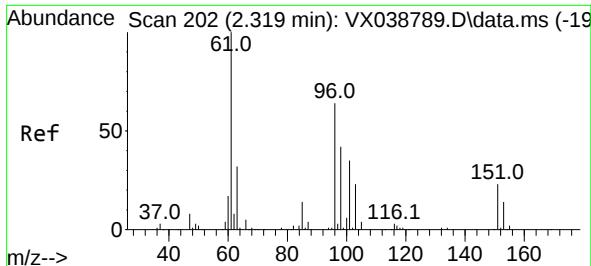
Tgt Ion:168 Resp: 98939
Ion Ratio Lower Upper
168 100
99 65.7 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.272 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX038934.D
Acq: 18 Nov 2023 17:27

Tgt Ion:101 Resp: 2775
Ion Ratio Lower Upper
101 100
85 55.1 37.0 55.6
151 66.0 58.6 87.8





#12

1,1-Dichloroethene

Concen: 0.656 ug/l

RT: 2.325 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX038934.D

Acq: 18 Nov 2023 17:27

Instrument :

MSVOA_X

ClientSampleId :

RE122D1-20231110

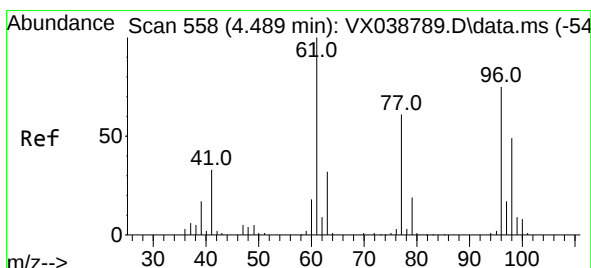
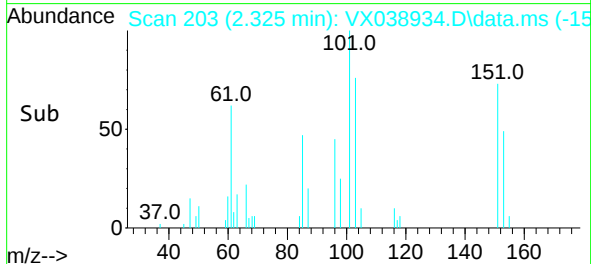
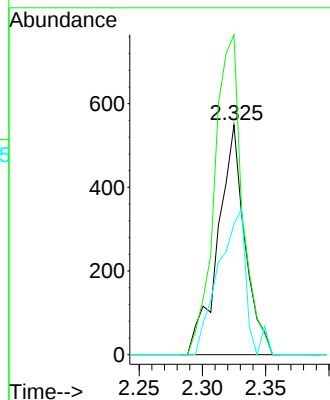
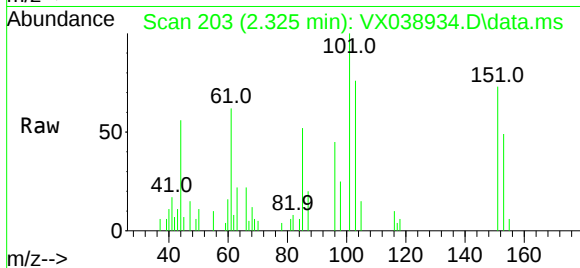
Tgt Ion: 96 Resp: 809

Ion Ratio Lower Upper

96 100

61 139.3 144.6 216.8#

98 56.8 50.4 75.6



#27

cis-1,2-Dichloroethene

Concen: 1.634 ug/l

RT: 4.501 min Scan# 560

Delta R.T. 0.012 min

Lab File: VX038934.D

Acq: 18 Nov 2023 17:27

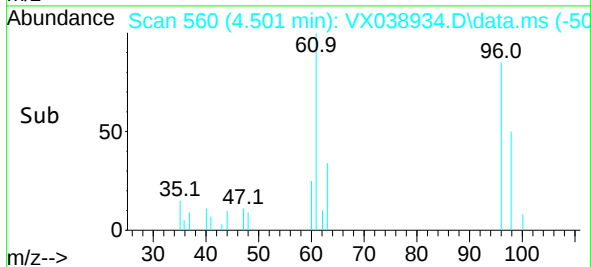
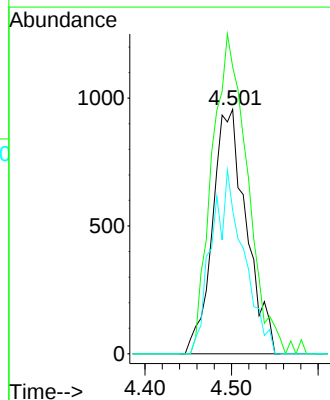
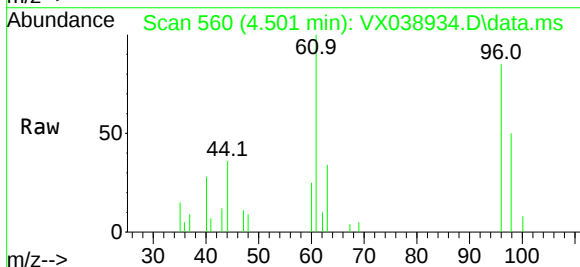
Tgt Ion: 96 Resp: 2592

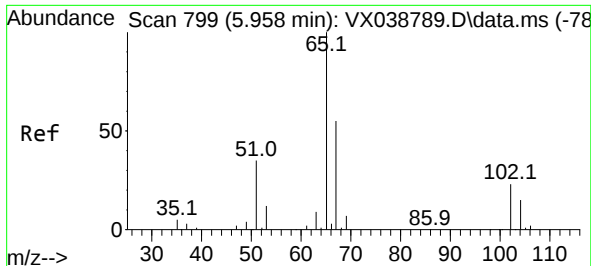
Ion Ratio Lower Upper

96 100

61 137.0 0.0 312.2

98 71.0 0.0 129.0

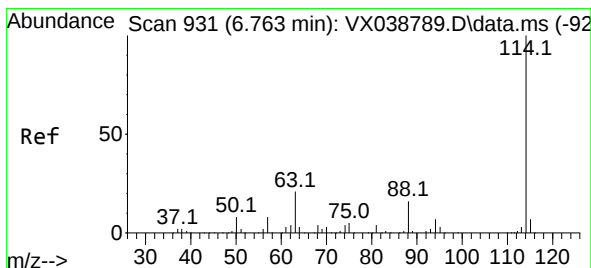
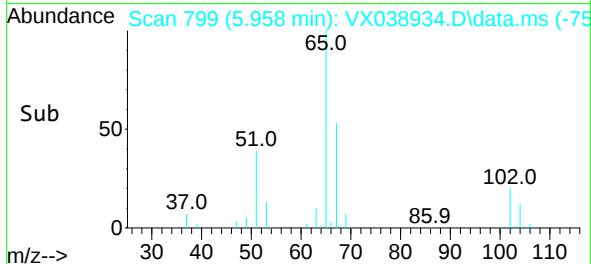
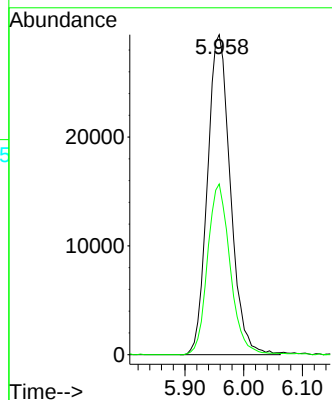
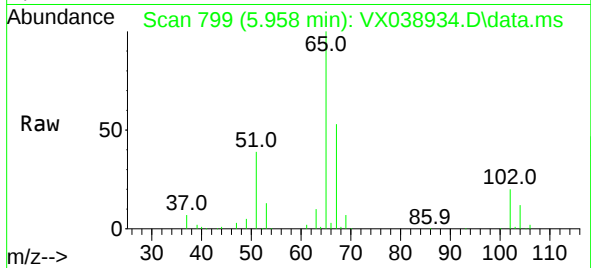




#33
 1,2-Dichloroethane-d4
 Concen: 49.943 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX038934.D
 Acq: 18 Nov 2023 17:27

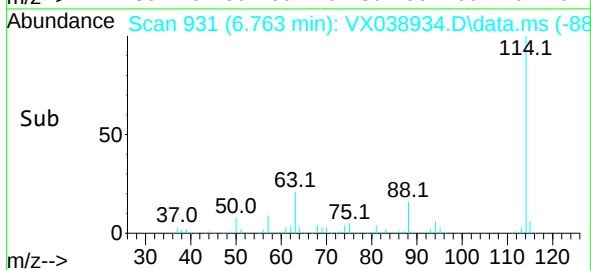
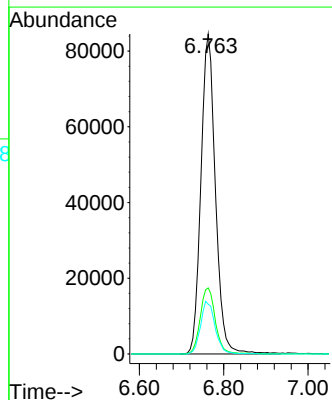
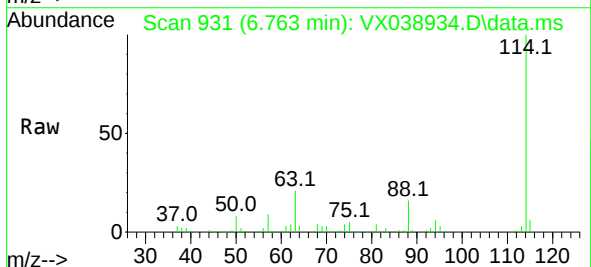
Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D1-20231110

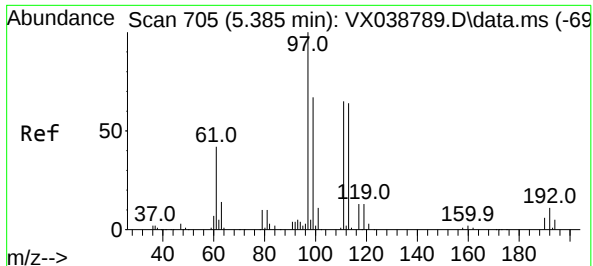
Tgt Ion: 65 Resp: 79622
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX038934.D
 Acq: 18 Nov 2023 17:27

Tgt Ion: 114 Resp: 202518
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 45.0
 88 15.6 0.0 36.6





#35

Dibromofluoromethane

Concen: 44.510 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX038934.D

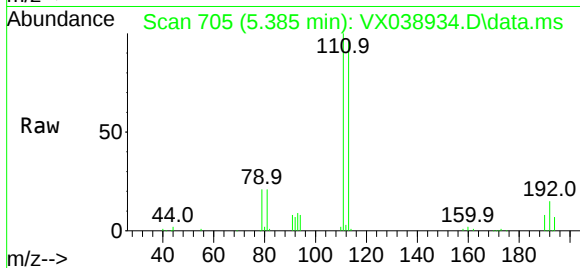
Acq: 18 Nov 2023 17:27

Instrument :

MSVOA_X

ClientSampleId :

RE122D1-20231110



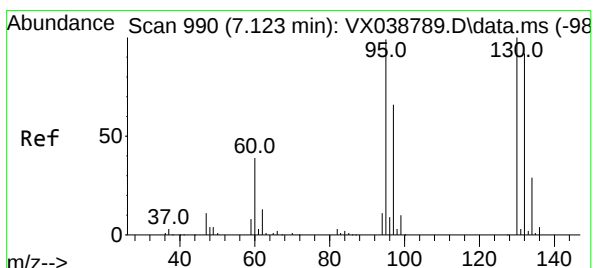
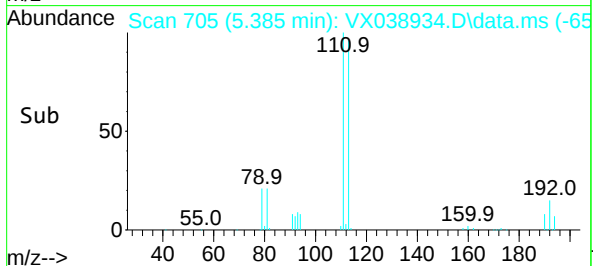
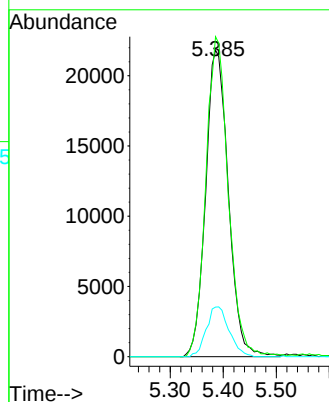
Tgt Ion:113 Resp: 65102

Ion Ratio Lower Upper

113 100

111 102.9 82.9 124.3

192 16.2 13.3 19.9



#44

Trichloroethene

Concen: 280.425 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

Lab File: VX038934.D

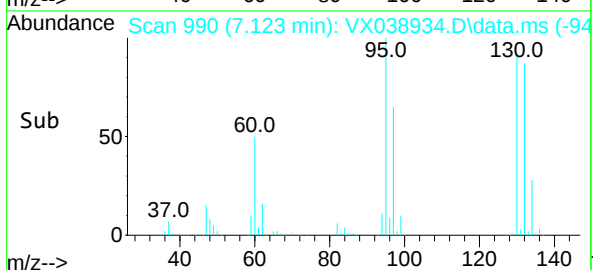
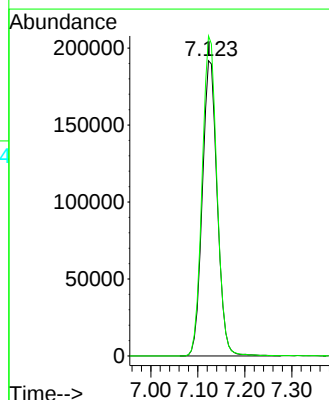
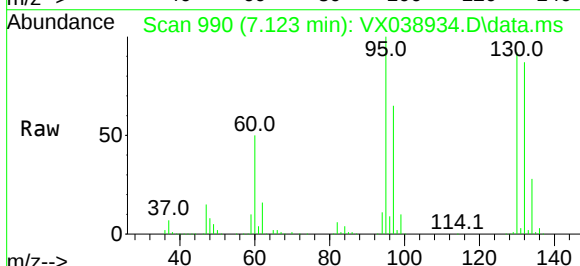
Acq: 18 Nov 2023 17:27

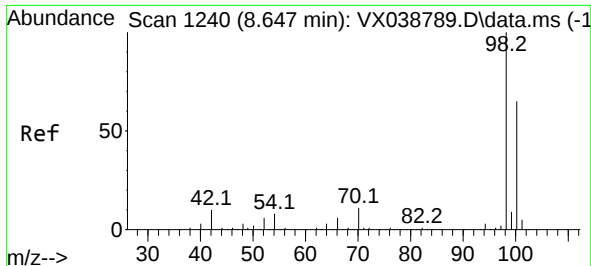
Tgt Ion:130 Resp: 423213

Ion Ratio Lower Upper

130 100

95 108.4 0.0 204.4

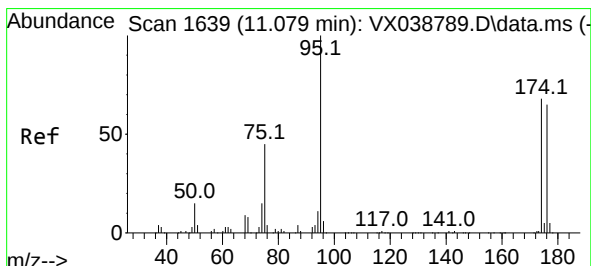
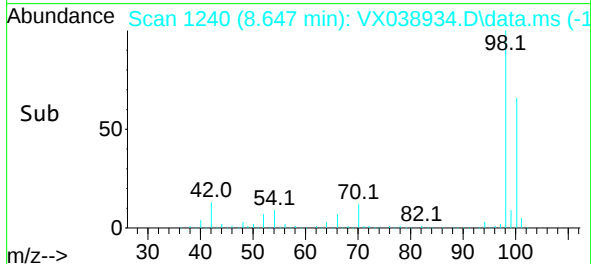
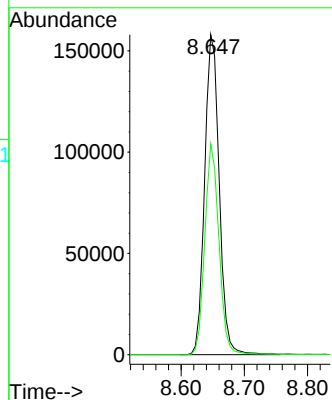
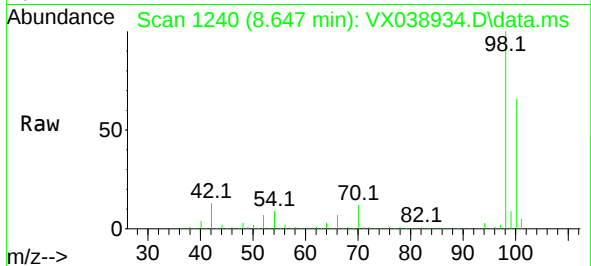




#50
Toluene-d8
Concen: 45.318 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038934.D
Acq: 18 Nov 2023 17:27

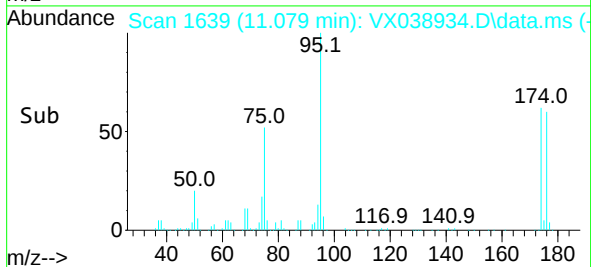
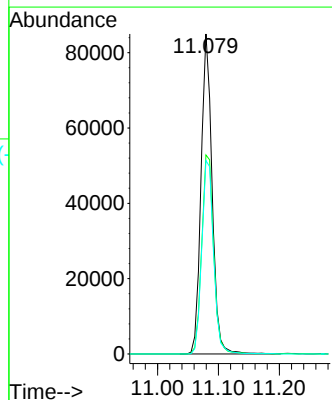
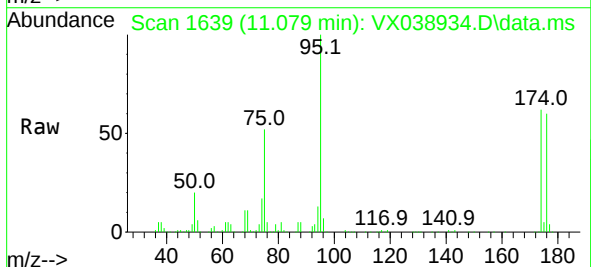
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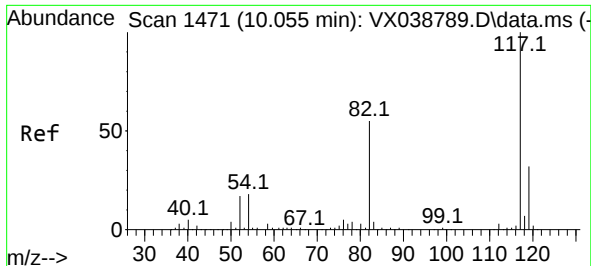
Tgt Ion: 98 Resp: 253602
Ion Ratio Lower Upper
98 100
100 64.2 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 47.844 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038934.D
Acq: 18 Nov 2023 17:27

Tgt Ion: 95 Resp: 107179
Ion Ratio Lower Upper
95 100
174 66.8 0.0 135.6
176 64.1 0.0 131.0



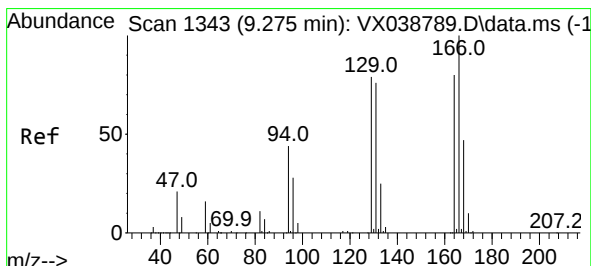
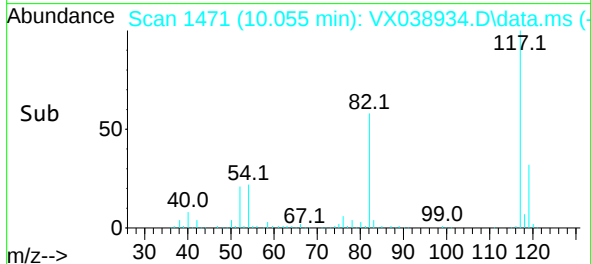
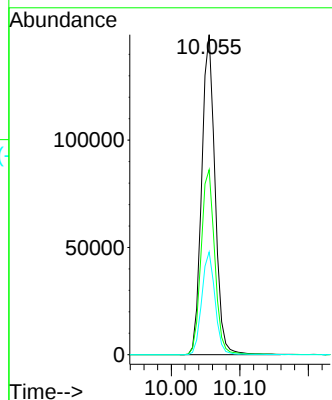
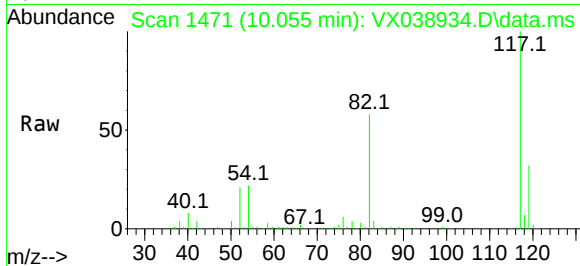


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038934.D
Acq: 18 Nov 2023 17:27

Instrument :
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ClientSampleId :
RE122D1-20231110

Tgt Ion:117 Resp: 202769

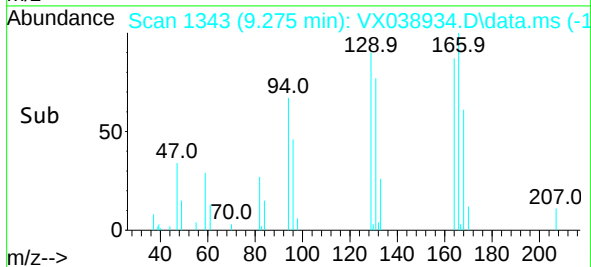
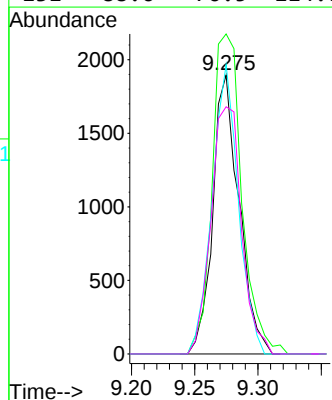
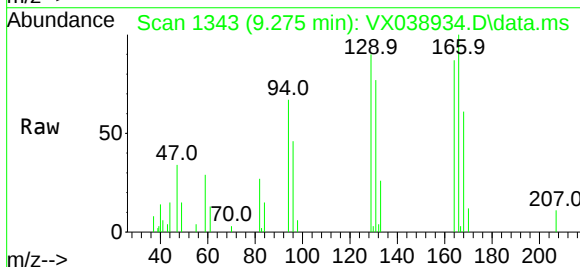
Ion	Ratio	Lower	Upper
117	100		
82	57.8	46.2	69.4
119	32.1	25.5	38.3

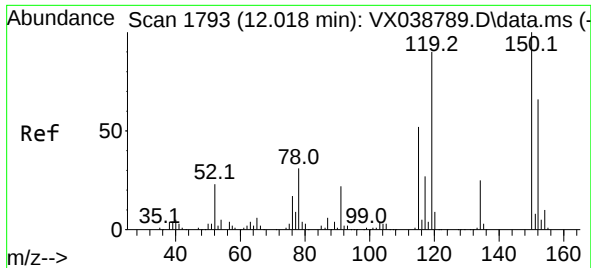


#64
Tetrachloroethene
Concen: 2.178 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX038934.D
Acq: 18 Nov 2023 17:27

Tgt Ion:164 Resp: 2745

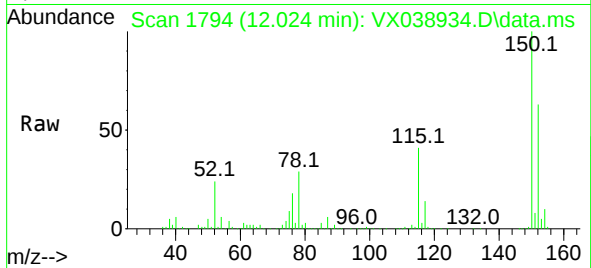
Ion	Ratio	Lower	Upper
164	100		
166	114.7	102.7	154.1
129	103.7	80.4	120.6
131	88.6	76.5	114.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX038934.D
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Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D1-20231110



Tgt Ion:152	Resp:	98311
Ion	Ratio	Lower Upper
152	100	
115	66.3	43.3 129.9
150	158.0	0.0 345.0

