

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111623\
 Data File : VX038853.D
 Acq On : 16 Nov 2023 21:18
 Operator : JC/MD
 Sample : 05357-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE114D2-20231108

Quant Time: Nov 16 23:08:49 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)

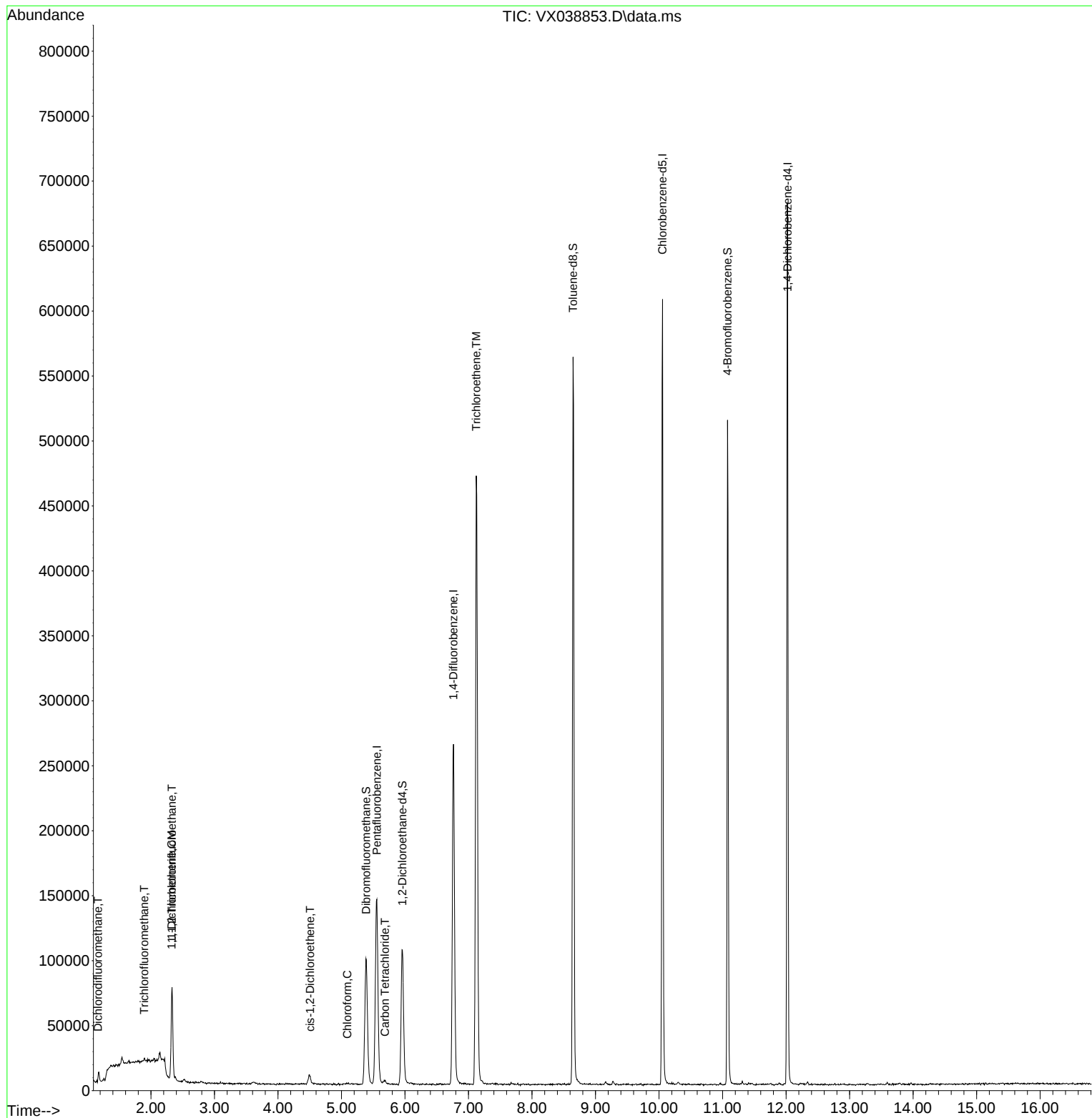
Internal Standards						
1) Pentafluorobenzene	5.556	168	131137	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	268813	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	271537	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	139264	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	99133	46.914	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.820%
35) Dibromofluoromethane	5.385	113	85621	44.102	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.200%
50) Toluene-d8	8.647	98	340521	45.843	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.680%#
62) 4-Bromofluorobenzene	11.079	95	145872	49.058	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	1624	1.061	ug/l	98
7) Trichlorofluoromethane	1.892	101	835	0.342	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.331	101	25381	15.678	ug/l	99
12) 1,1-Dichloroethene	2.325	96	2600	1.591	ug/l	86
27) cis-1,2-Dichloroethene	4.507	96	4817	2.291	ug/l	79
30) Chloroform	5.092	83	1683	0.513	ug/l	93
38) Carbon Tetrachloride	5.684	117	1730	0.673	ug/l #	80
44) Trichloroethene	7.123	130	177303	88.509	ug/l	96

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

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ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE114D2-20231108

Quant Time: Nov 16 23:08:49 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

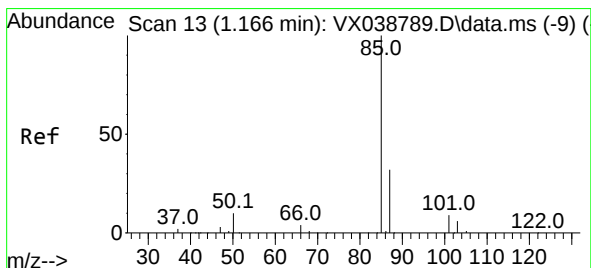
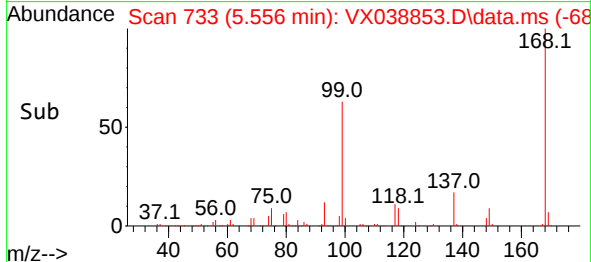
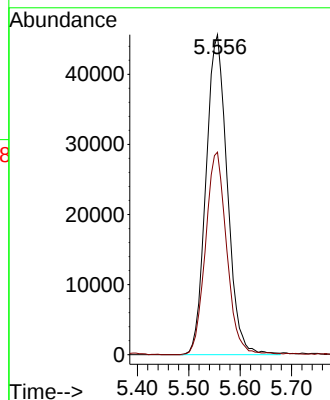
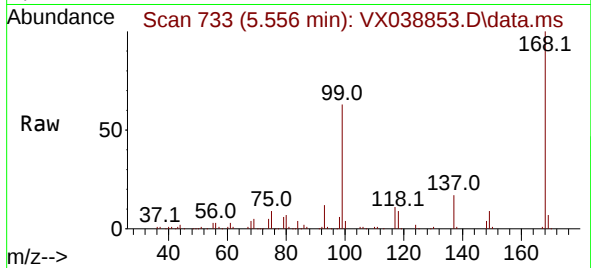




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX038853.D
Acq: 16 Nov 2023 21:18

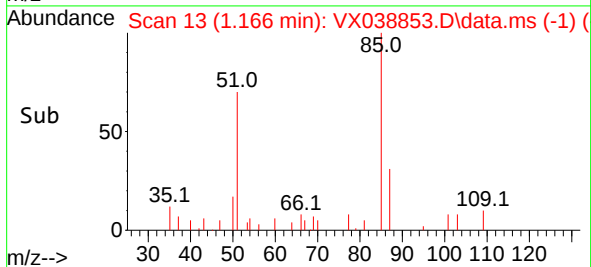
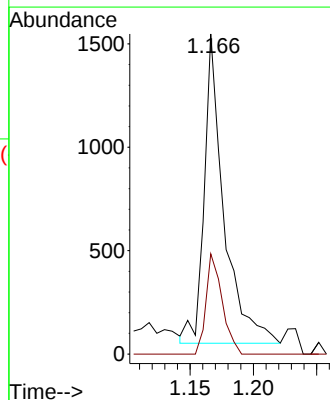
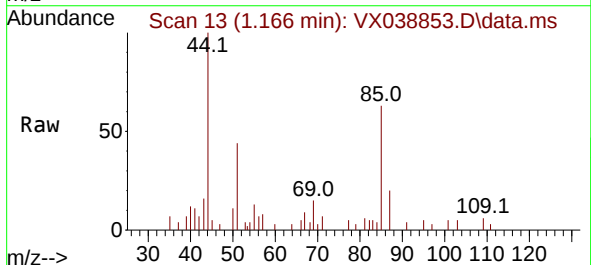
Instrument :
MSVOA_X
ClientSampleId :
RE114D2-20231108

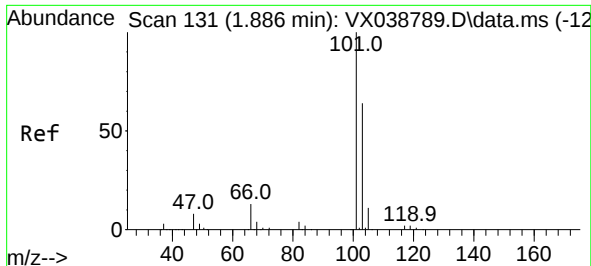
Tgt Ion:168 Resp: 131137
Ion Ratio Lower Upper
168 100
99 63.3 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 1.061 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX038853.D
Acq: 16 Nov 2023 21:18

Tgt Ion: 85 Resp: 1624
Ion Ratio Lower Upper
85 100
87 32.4 16.7 50.1

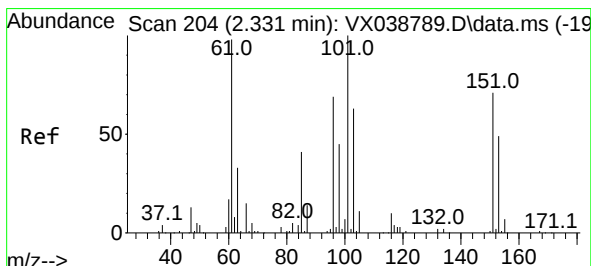
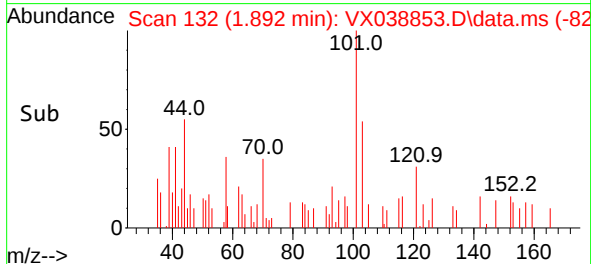
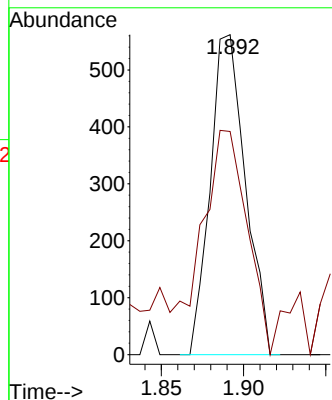
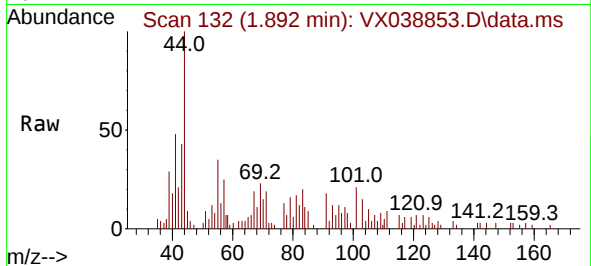




#7
Trichlorofluoromethane
Concen: 0.342 ug/l
RT: 1.892 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX038853.D
Acq: 16 Nov 2023 21:18

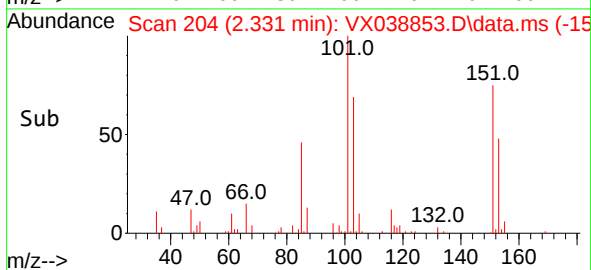
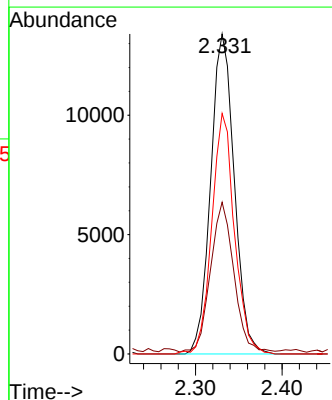
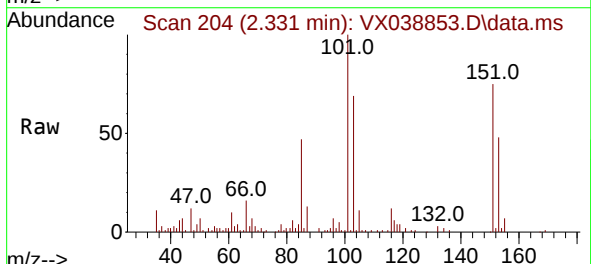
Instrument :
MSVOA_X
ClientSampleId :
RE114D2-20231108

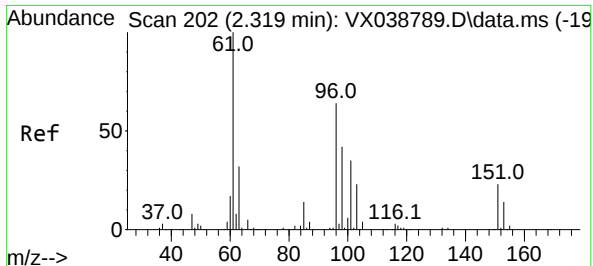
Tgt Ion:101 Resp: 835
Ion Ratio Lower Upper
101 100
103 56.0 51.4 77.2



#9
1,1,2-Trichlorotrifluoroethane
Concen: 15.678 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX038853.D
Acq: 16 Nov 2023 21:18

Tgt Ion:101 Resp: 25381
Ion Ratio Lower Upper
101 100
85 45.9 37.0 55.6
151 72.3 58.6 87.8





#12

1,1-Dichloroethene

Concen: 1.591 ug/l

RT: 2.325 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX038853.D

Acq: 16 Nov 2023 21:18

Instrument :

MSVOA_X

ClientSampleId :

RE114D2-20231108

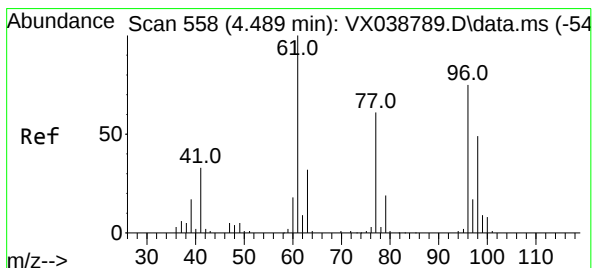
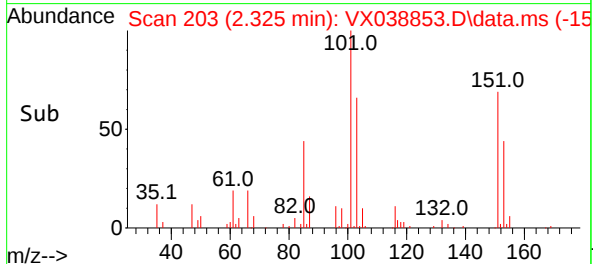
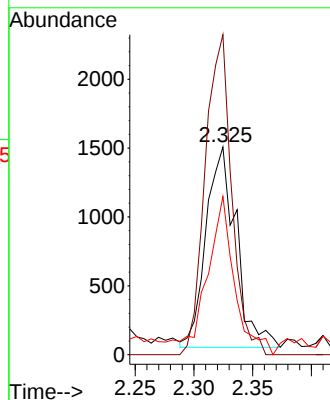
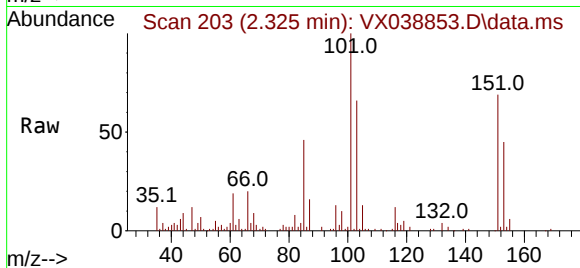
Tgt Ion: 96 Resp: 2600

Ion Ratio Lower Upper

96 100

61 159.7 144.6 216.8

98 73.3 50.4 75.6



#27

cis-1,2-Dichloroethene

Concen: 2.291 ug/l

RT: 4.507 min Scan# 561

Delta R.T. 0.018 min

Lab File: VX038853.D

Acq: 16 Nov 2023 21:18

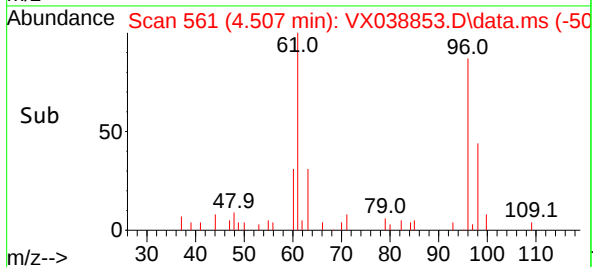
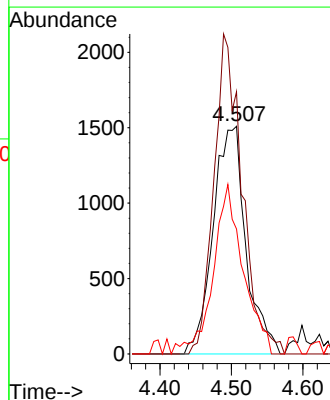
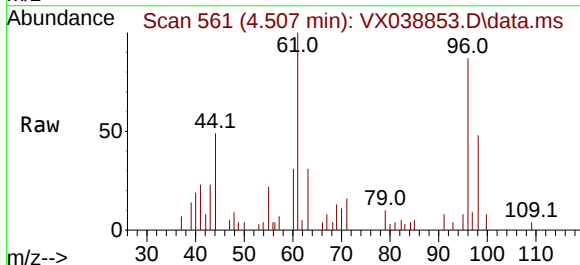
Tgt Ion: 96 Resp: 4817

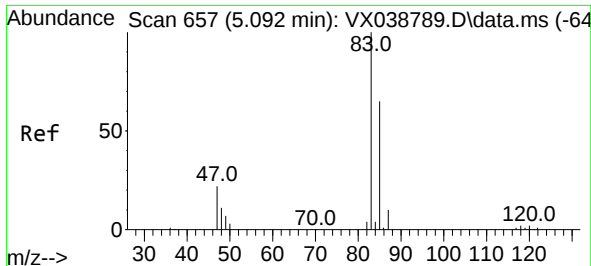
Ion Ratio Lower Upper

96 100

61 120.6 0.0 312.2

98 67.8 0.0 129.0





#30

Chloroform

Concen: 0.513 ug/l

RT: 5.092 min Scan# 61

Delta R.T. -0.000 min

Lab File: VX038853.D

Acq: 16 Nov 2023 21:18

Instrument :

MSVOA_X

ClientSampleId :

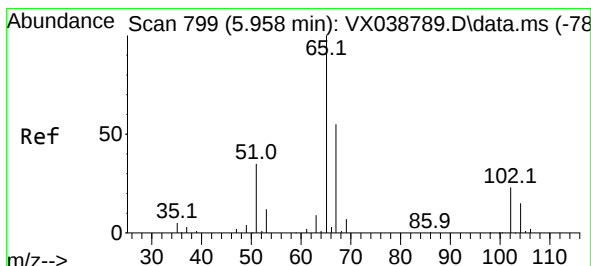
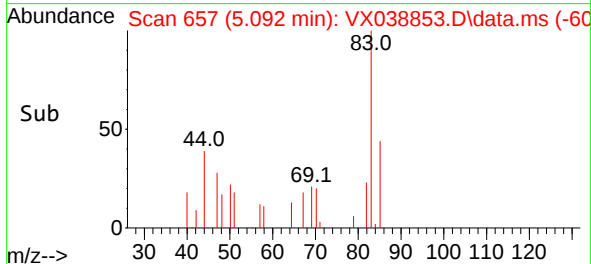
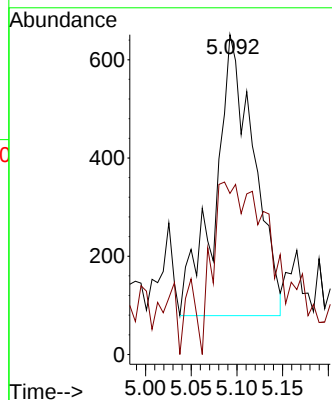
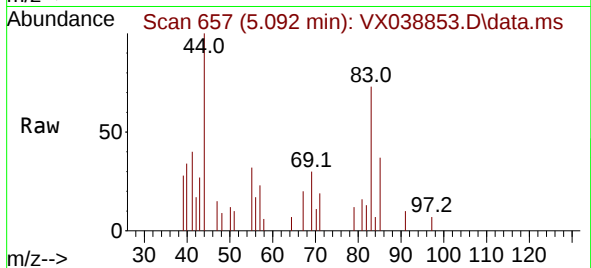
RE114D2-20231108

Tgt Ion: 83 Resp: 1683

Ion Ratio Lower Upper

83 100

85 57.3 50.3 75.5



#33

1,2-Dichloroethane-d4

Concen: 46.914 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX038853.D

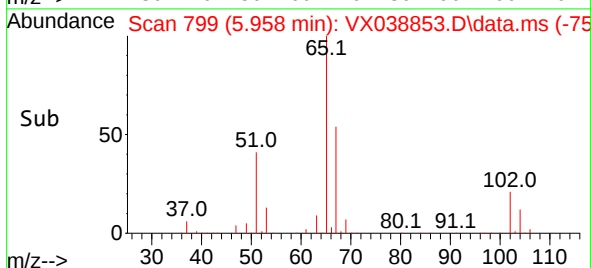
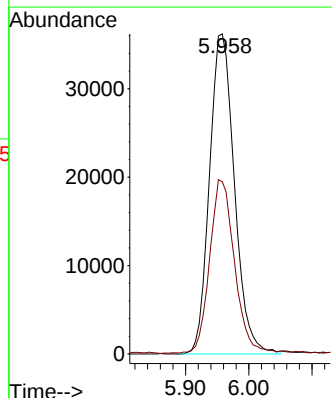
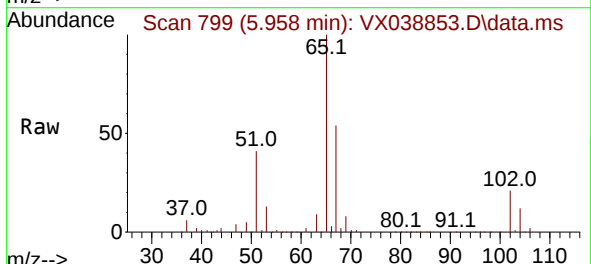
Acq: 16 Nov 2023 21:18

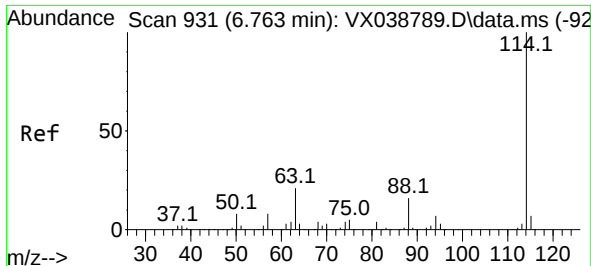
Tgt Ion: 65 Resp: 99133

Ion Ratio Lower Upper

65 100

67 54.3 0.0 100.2

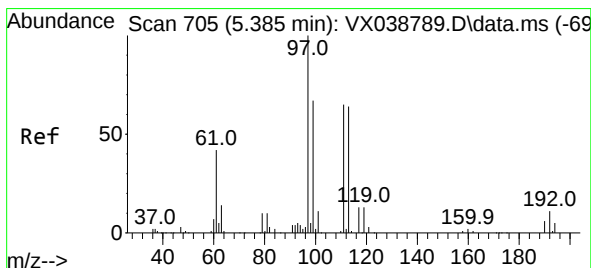
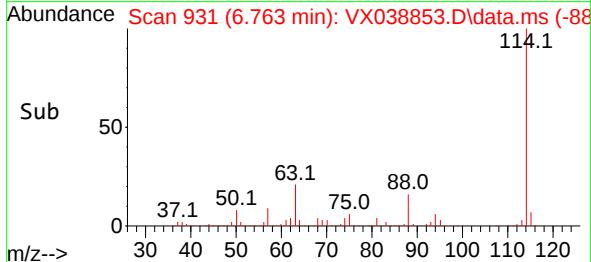
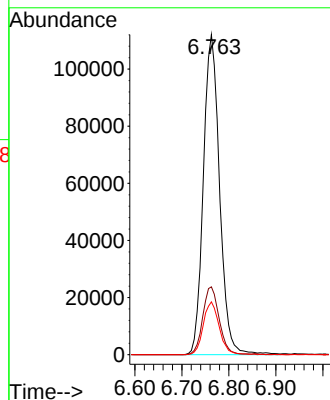
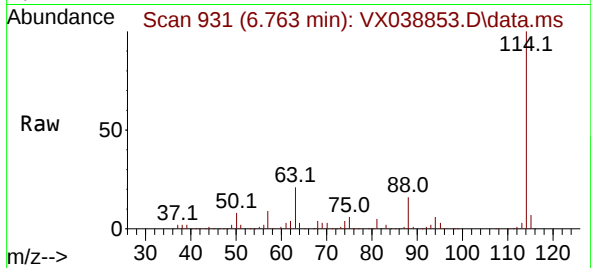




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX038853.D
Acq: 16 Nov 2023 21:18

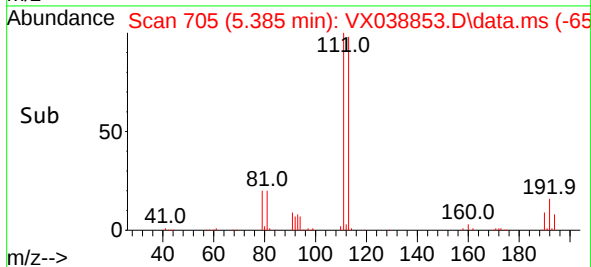
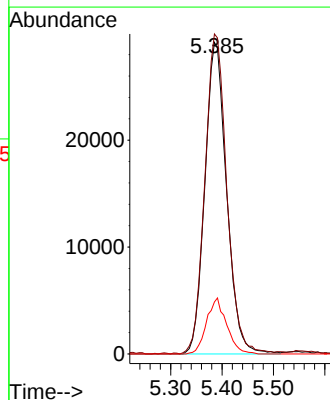
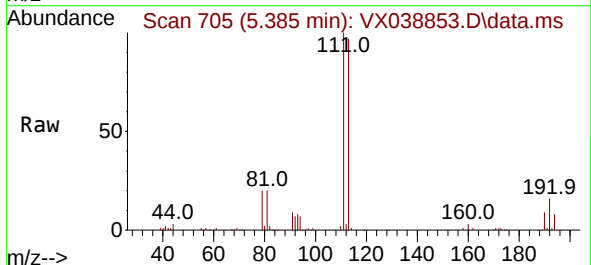
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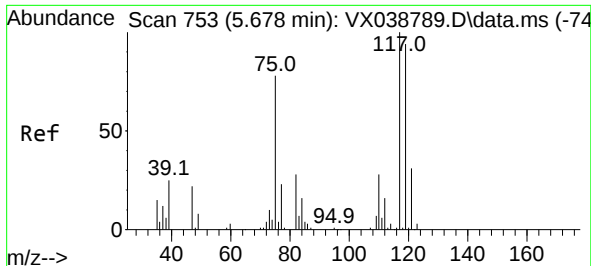
Tgt Ion:114 Resp: 268813
Ion Ratio Lower Upper
114 100
63 21.2 0.0 45.0
88 16.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.102 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX038853.D
Acq: 16 Nov 2023 21:18

Tgt Ion:113 Resp: 85621
Ion Ratio Lower Upper
113 100
111 103.9 82.9 124.3
192 16.6 13.3 19.9

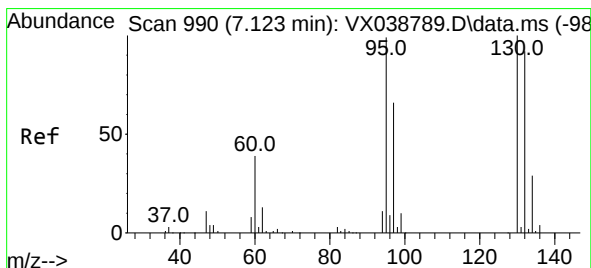
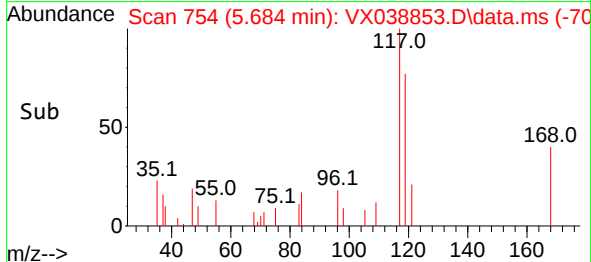
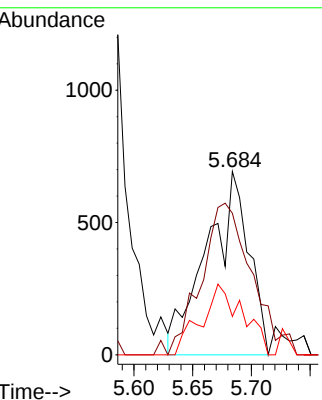
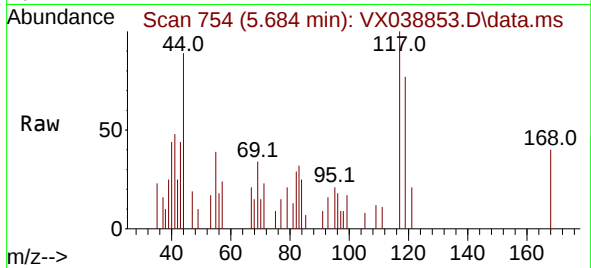




#38
Carbon Tetrachloride
Concen: 0.673 ug/l
RT: 5.684 min Scan# 753
Delta R.T. 0.006 min
Lab File: VX038853.D
Acq: 16 Nov 2023 21:18

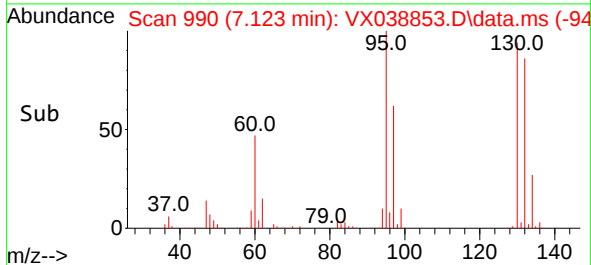
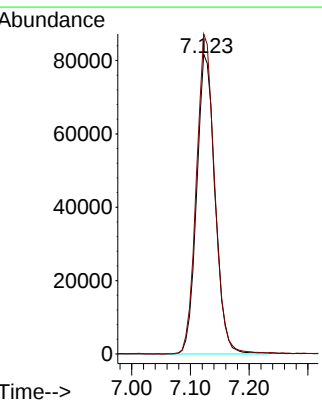
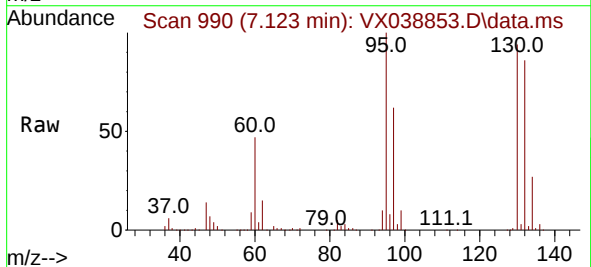
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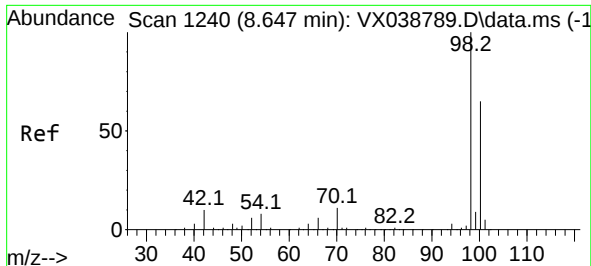
Tgt Ion:117 Resp: 1730
Ion Ratio Lower Upper
117 100
119 77.2 78.2 117.2#
121 20.9 24.4 36.6#



#44
Trichloroethene
Concen: 88.509 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX038853.D
Acq: 16 Nov 2023 21:18

Tgt Ion:130 Resp: 177303
Ion Ratio Lower Upper
130 100
95 106.7 0.0 204.4

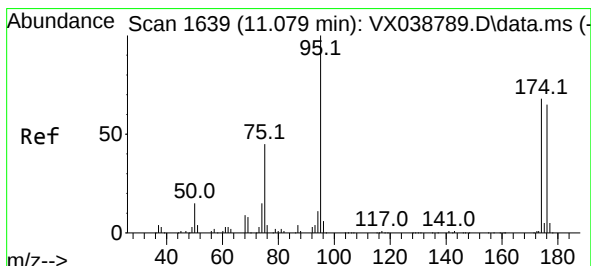
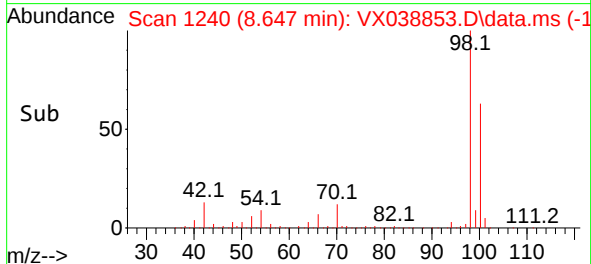
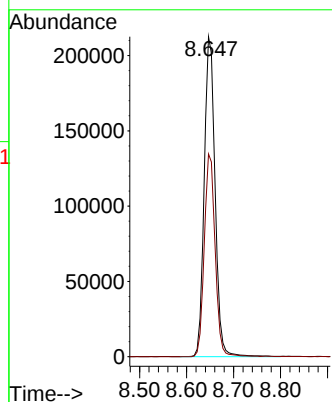
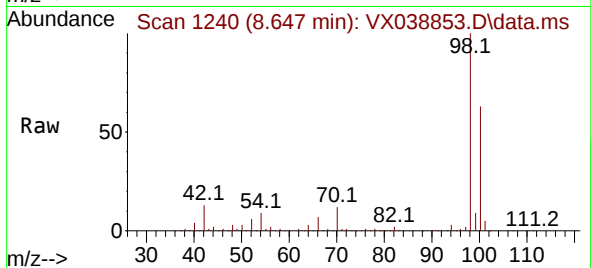




#50
Toluene-d8
Concen: 45.843 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038853.D
Acq: 16 Nov 2023 21:18

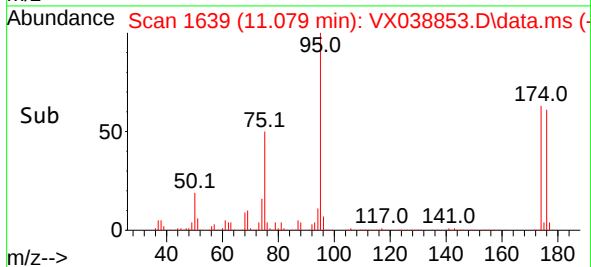
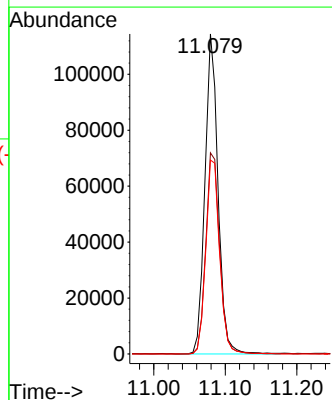
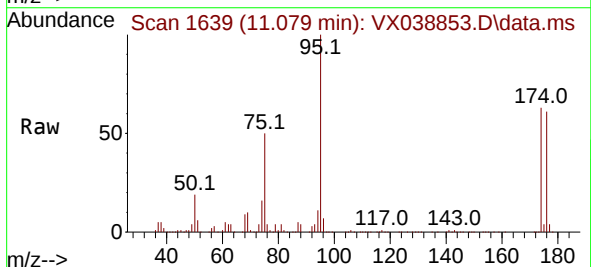
Instrument :
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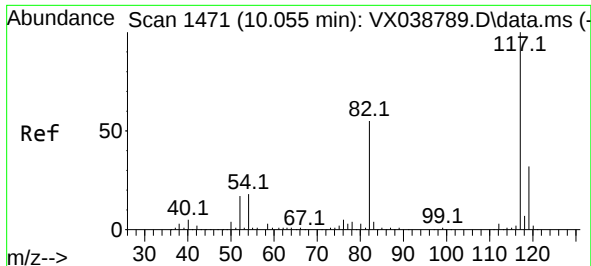
Tgt Ion: 98 Resp: 340521
Ion Ratio Lower Upper
98 100
100 63.3 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 49.058 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX038853.D
Acq: 16 Nov 2023 21:18

Tgt Ion: 95 Resp: 145872
Ion Ratio Lower Upper
95 100
174 66.5 0.0 135.6
176 64.1 0.0 131.0

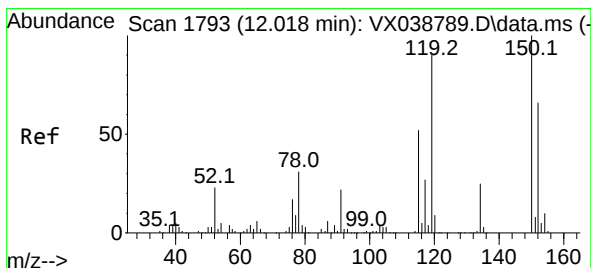
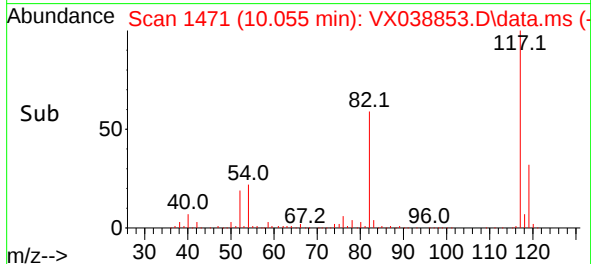
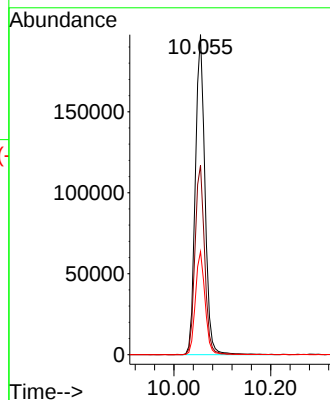
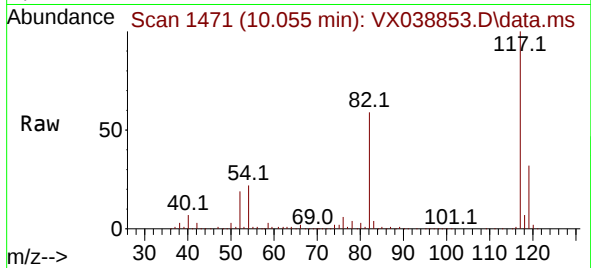




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038853.D
Acq: 16 Nov 2023 21:18

Instrument :
MSVOA_X
ClientSampleId :
RE114D2-20231108

Tgt Ion:117 Resp: 271537
Ion Ratio Lower Upper
117 100
82 59.2 46.2 69.4
119 32.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX038853.D
Acq: 16 Nov 2023 21:18

Tgt Ion:152 Resp: 139264
Ion Ratio Lower Upper
152 100
115 64.4 43.3 129.9
150 154.3 0.0 345.0

