

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111623\
 Data File : VX038848.D
 Acq On : 16 Nov 2023 19:22
 Operator : JC/MD
 Sample : 05357-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP01-20231107

Quant Time: Nov 16 23:06:49 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)

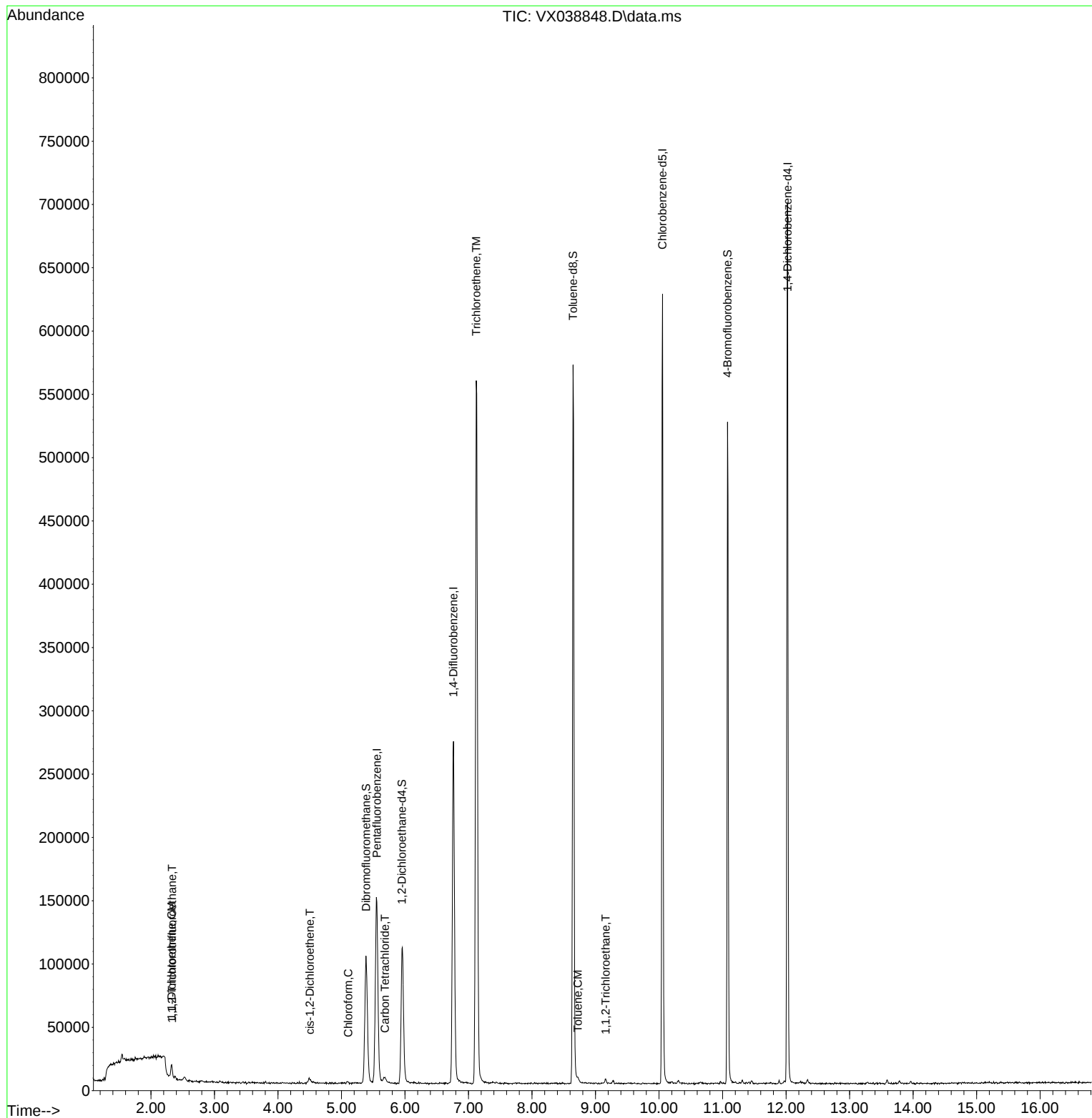
Internal Standards						
1) Pentafluorobenzene	5.556	168	132685	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	275295	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	278862	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	141453	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	99716	46.640	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.280%
35) Dibromofluoromethane	5.385	113	88088	44.304	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.600%
50) Toluene-d8	8.647	98	347169	45.637	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.280%#
62) 4-Bromofluorobenzene	11.079	95	148730	48.841	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.680%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.331	101	1684	1.028	ug/l	94
12) 1,1-Dichloroethene	2.325	96	2743	1.659	ug/l #	85
27) cis-1,2-Dichloroethene	4.501	96	2628	1.236	ug/l	76
30) Chloroform	5.105	83	1748	0.527	ug/l #	76
38) Carbon Tetrachloride	5.684	117	3801	1.443	ug/l #	80
44) Trichloroethene	7.123	130	209991	102.359	ug/l	98
52) Toluene	8.720	92	1333	0.255	ug/l	94
55) 1,1,2-Trichloroethane	9.159	97	1532	0.702	ug/l #	77

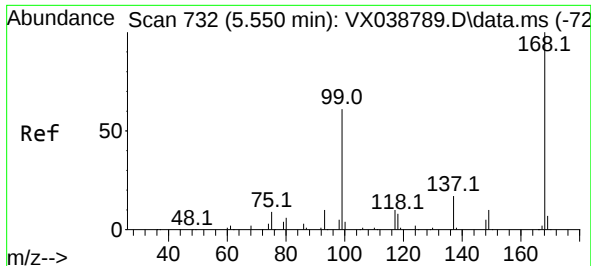
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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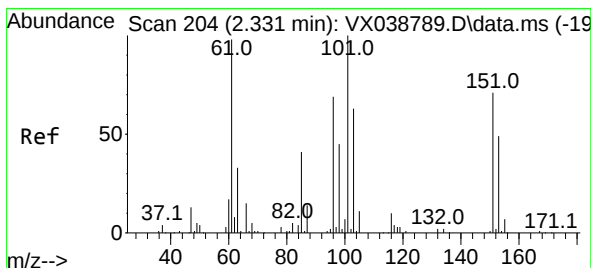
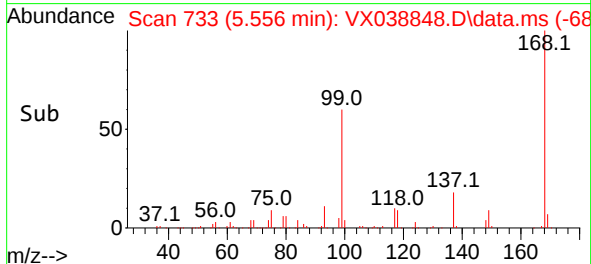
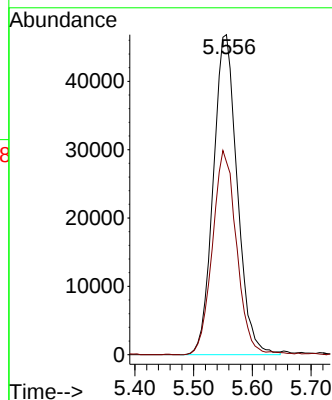
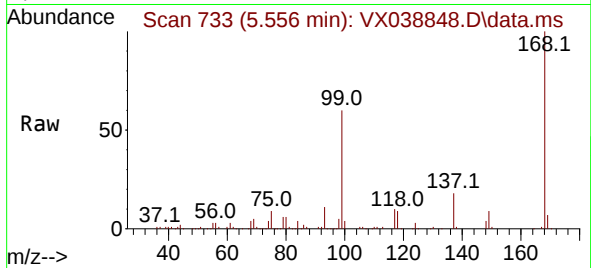




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX038848.D
Acq: 16 Nov 2023 19:22

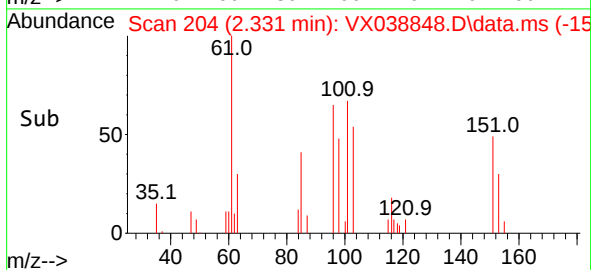
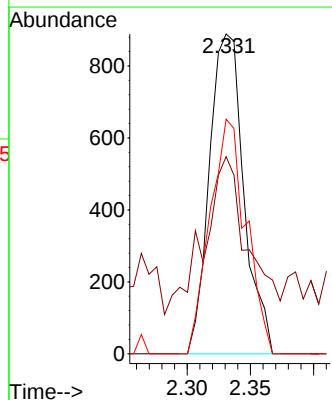
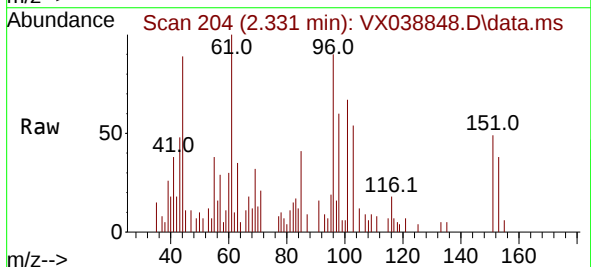
Instrument :
MSVOA_X
ClientSampleId :
DUP01-20231107

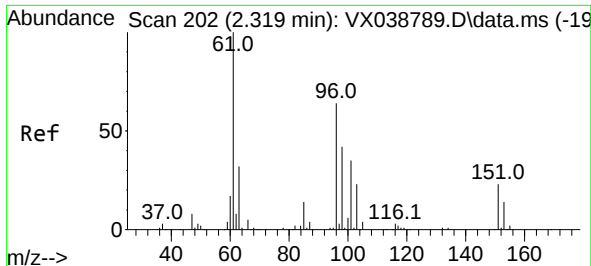
Tgt Ion:168 Resp: 132685
Ion Ratio Lower Upper
168 100
99 60.2 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.028 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX038848.D
Acq: 16 Nov 2023 19:22

Tgt Ion:101 Resp: 1684
Ion Ratio Lower Upper
101 100
85 51.8 37.0 55.6
151 76.7 58.6 87.8





#12

1,1-Dichloroethene

Concen: 1.659 ug/l

RT: 2.325 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX038848.D

Acq: 16 Nov 2023 19:22

Instrument :

MSVOA_X

ClientSampleId :

DUP01-20231107

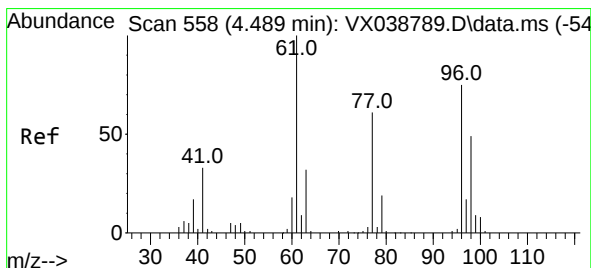
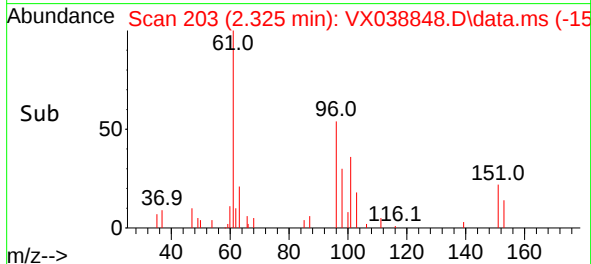
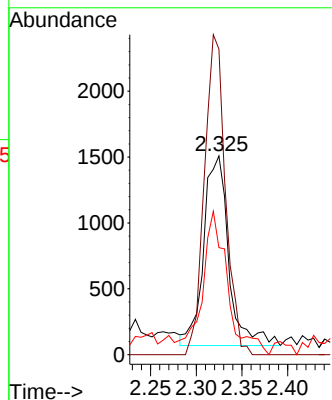
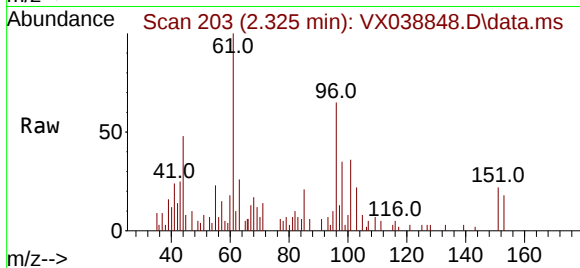
Tgt Ion: 96 Resp: 2743

Ion Ratio Lower Upper

96 100

61 161.1 144.6 216.8

98 49.6 50.4 75.6#



#27

cis-1,2-Dichloroethene

Concen: 1.236 ug/l

RT: 4.501 min Scan# 560

Delta R.T. 0.012 min

Lab File: VX038848.D

Acq: 16 Nov 2023 19:22

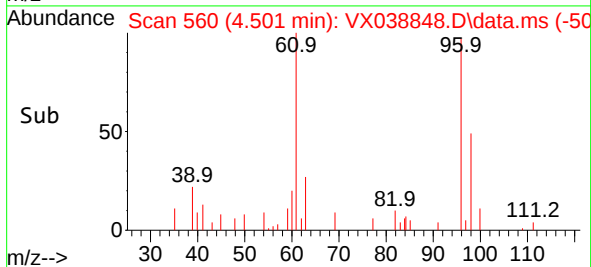
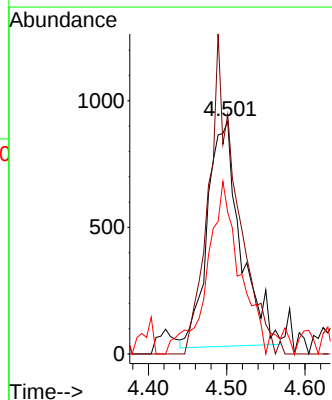
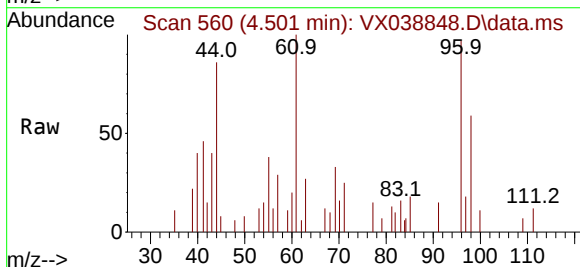
Tgt Ion: 96 Resp: 2628

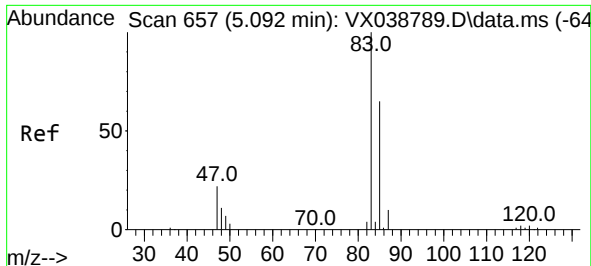
Ion Ratio Lower Upper

96 100

61 118.6 0.0 312.2

98 74.5 0.0 129.0





#30

Chloroform

Concen: 0.527 ug/l

RT: 5.105 min Scan# 61

Delta R.T. 0.012 min

Lab File: VX038848.D

Acq: 16 Nov 2023 19:22

Instrument :

MSVOA_X

ClientSampleId :

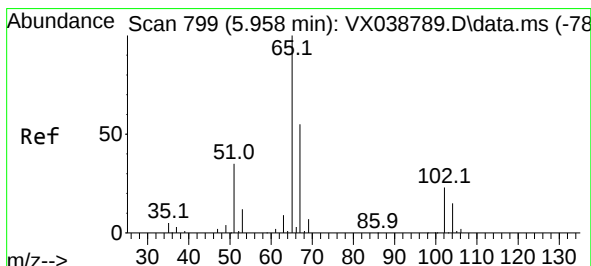
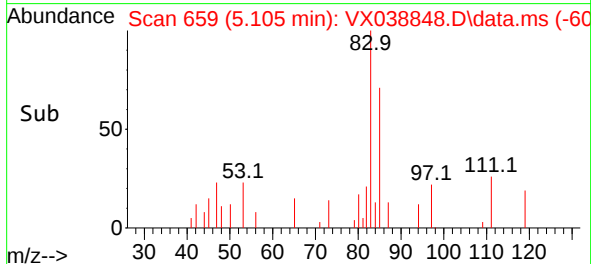
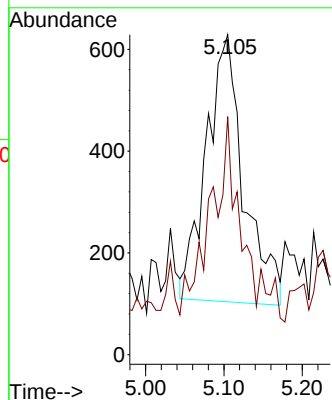
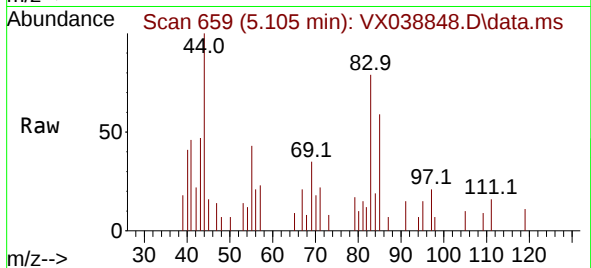
DUP01-20231107

Tgt Ion: 83 Resp: 1748

Ion Ratio Lower Upper

83 100

85 81.3 50.3 75.5#



#33

1,2-Dichloroethane-d4

Concen: 46.640 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX038848.D

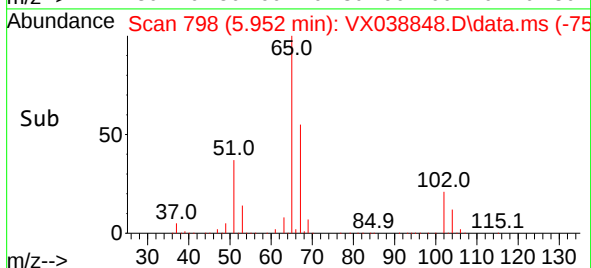
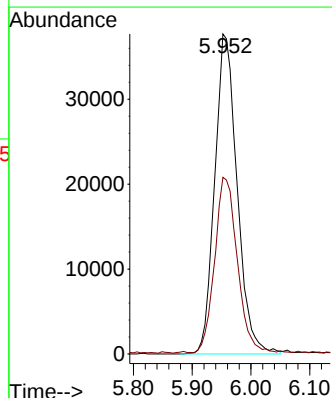
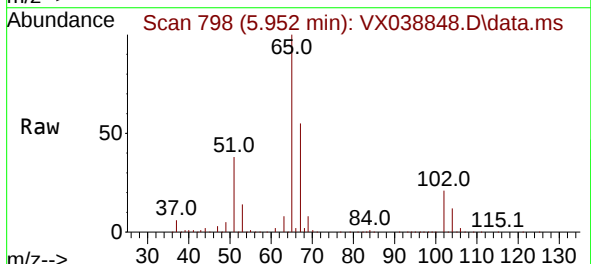
Acq: 16 Nov 2023 19:22

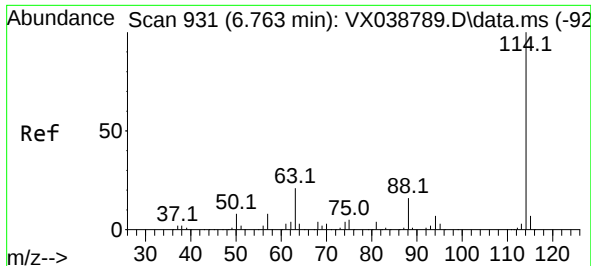
Tgt Ion: 65 Resp: 99716

Ion Ratio Lower Upper

65 100

67 55.1 0.0 100.2

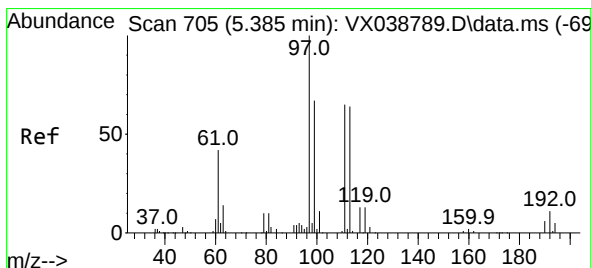
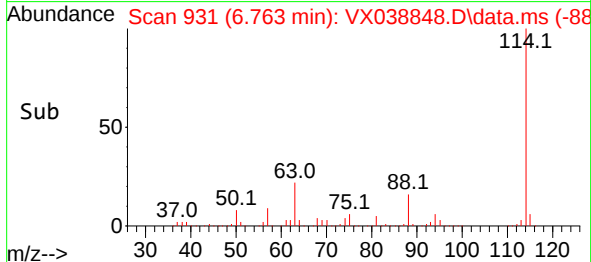
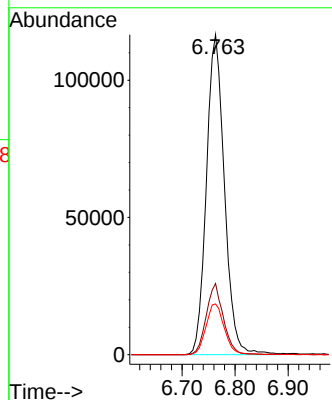
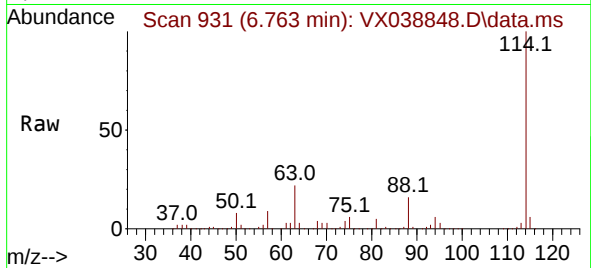




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX038848.D
Acq: 16 Nov 2023 19:22

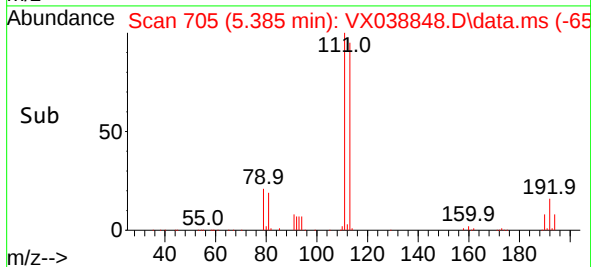
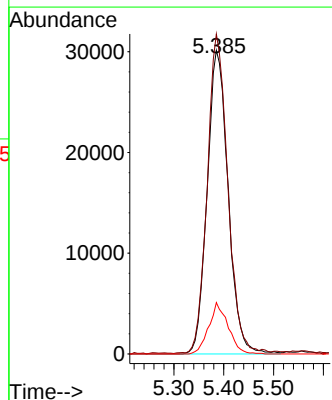
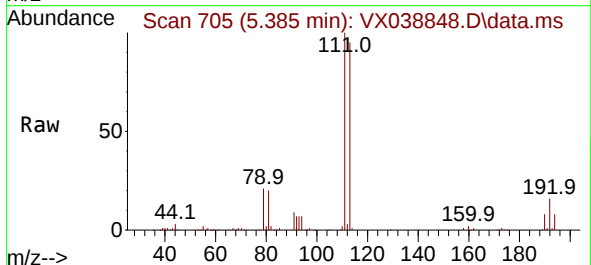
Instrument :
MSVOA_X
ClientSampleId :
DUP01-20231107

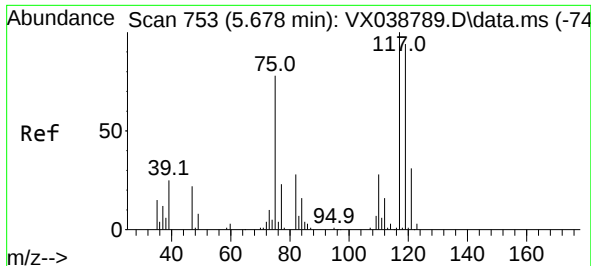
Tgt Ion:114 Resp: 275295
Ion Ratio Lower Upper
114 100
63 22.2 0.0 45.0
88 15.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.304 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038848.D
Acq: 16 Nov 2023 19:22

Tgt Ion:113 Resp: 88088
Ion Ratio Lower Upper
113 100
111 103.2 82.9 124.3
192 15.6 13.3 19.9

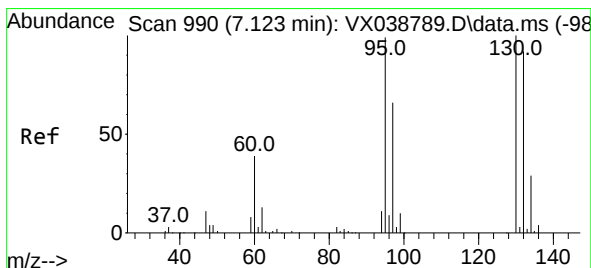
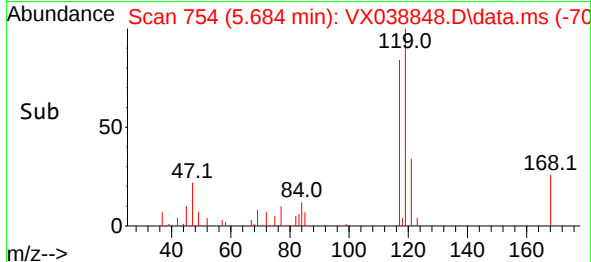
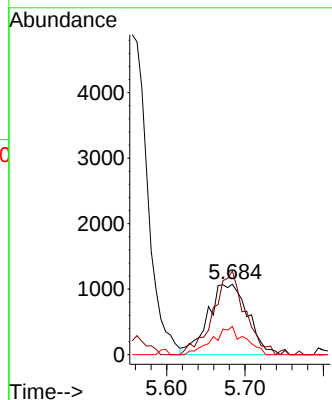
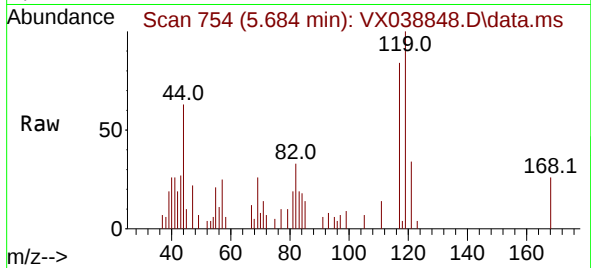




#38
Carbon Tetrachloride
Concen: 1.443 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.006 min
Lab File: VX038848.D
Acq: 16 Nov 2023 19:22

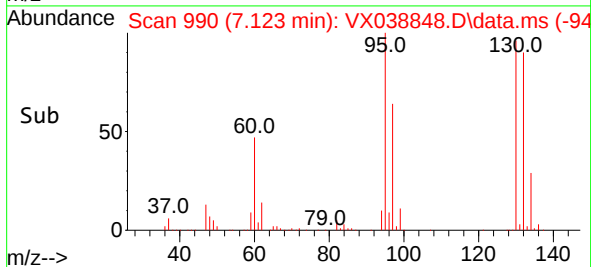
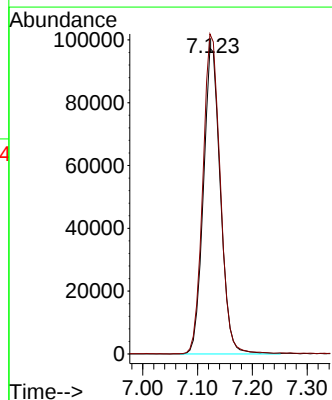
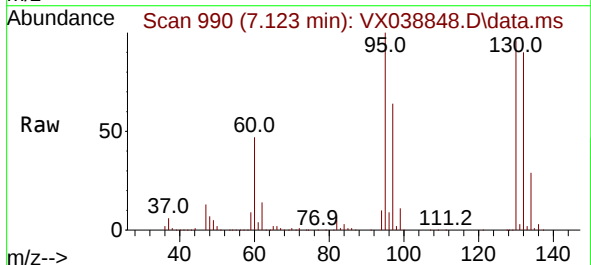
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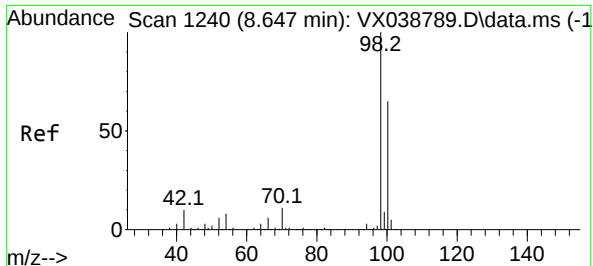
Tgt Ion:117 Resp: 3801
Ion Ratio Lower Upper
117 100
119 118.6 78.2 117.2#
121 40.1 24.4 36.6#



#44
Trichloroethene
Concen: 102.359 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX038848.D
Acq: 16 Nov 2023 19:22

Tgt Ion:130 Resp: 209991
Ion Ratio Lower Upper
130 100
95 104.5 0.0 204.4

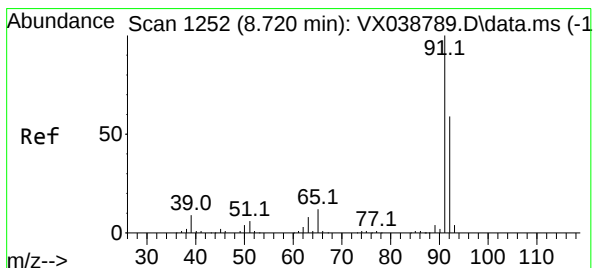
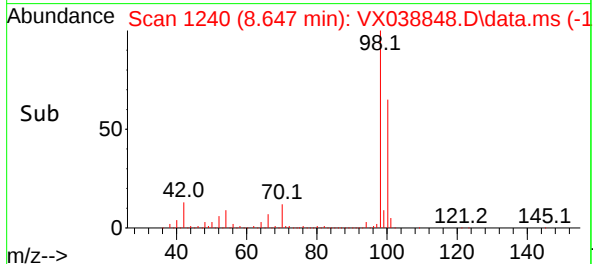
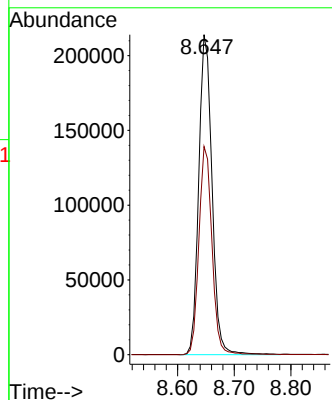
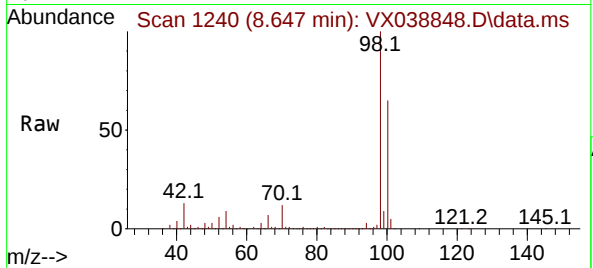




#50
Toluene-d8
Concen: 45.637 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX038848.D
Acq: 16 Nov 2023 19:22

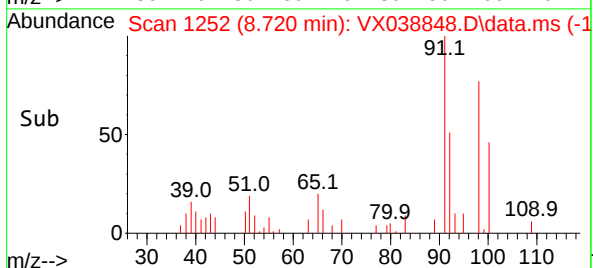
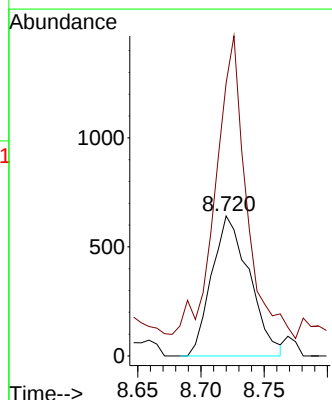
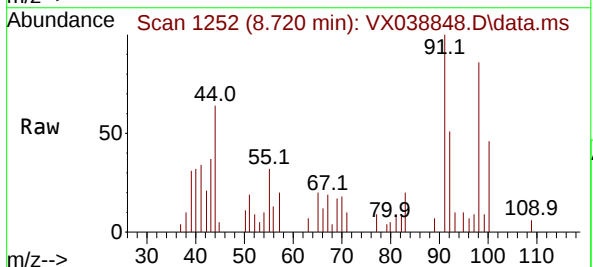
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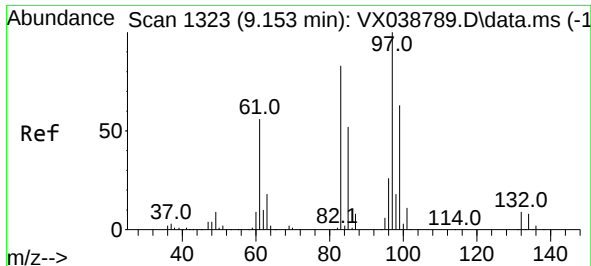
Tgt Ion: 98 Resp: 347169
Ion Ratio Lower Upper
98 100
100 64.3 53.1 79.7



#52
Toluene
Concen: 0.255 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX038848.D
Acq: 16 Nov 2023 19:22

Tgt Ion: 92 Resp: 1333
Ion Ratio Lower Upper
92 100
91 176.0 134.2 201.2

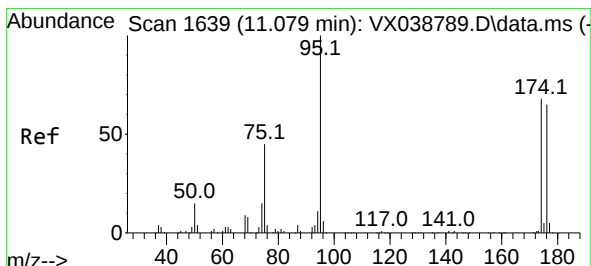
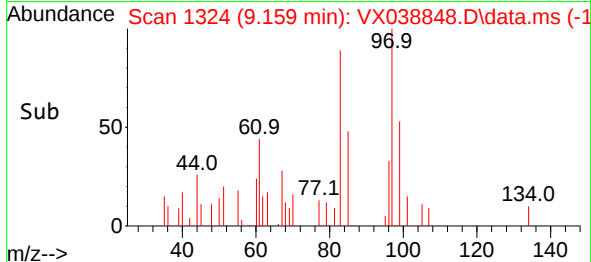
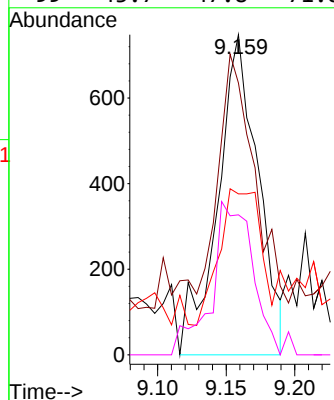
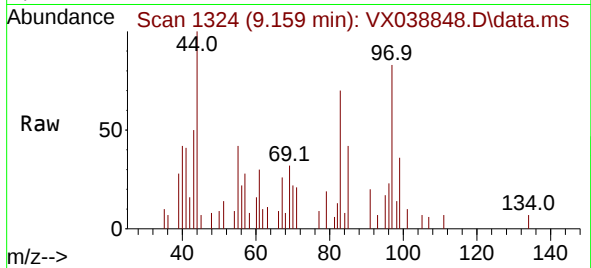




#55
1,1,2-Trichloroethane
Concen: 0.702 ug/l
RT: 9.159 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX038848.D
Acq: 16 Nov 2023 19:22

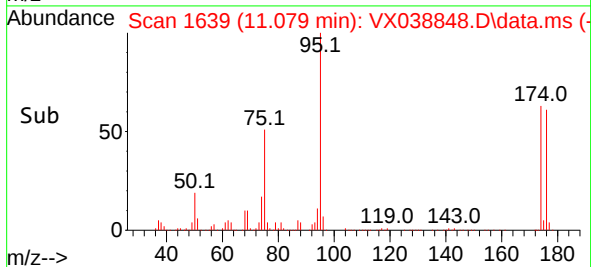
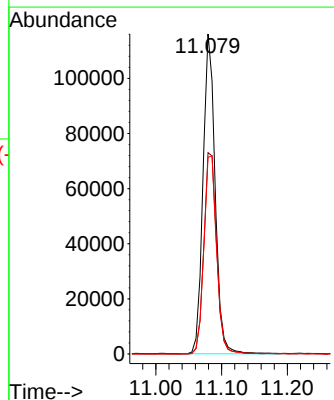
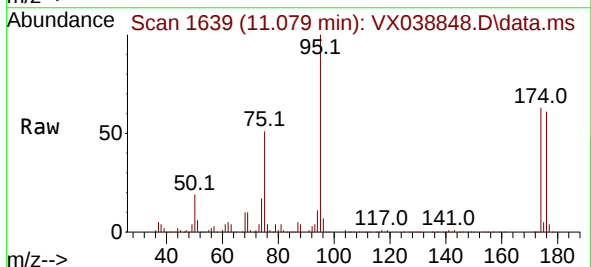
Instrument :
MSVOA_X
ClientSampleId :
DUP01-20231107

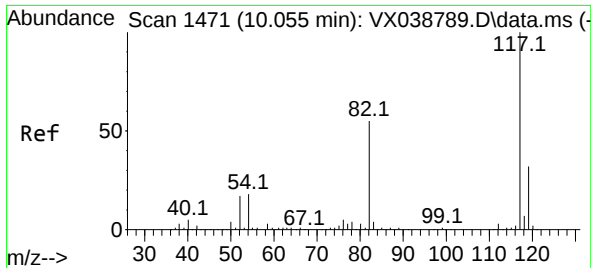
Tgt Ion:	97	Resp:	1532
Ion	Ratio	Lower	Upper
97	100		
83	63.4	65.8	98.8#
85	31.7	41.6	62.4#
99	43.7	47.8	71.8#



#62
4-Bromofluorobenzene
Concen: 48.841 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038848.D
Acq: 16 Nov 2023 19:22

Tgt Ion:	95	Resp:	148730
Ion	Ratio	Lower	Upper
95	100		
174	66.2	0.0	135.6
176	65.2	0.0	131.0

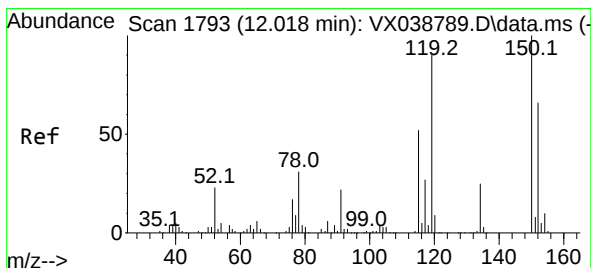
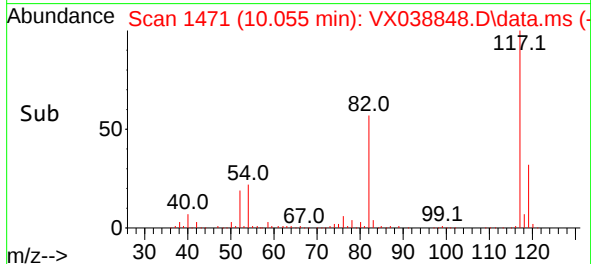
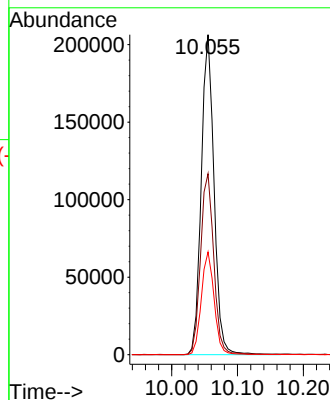
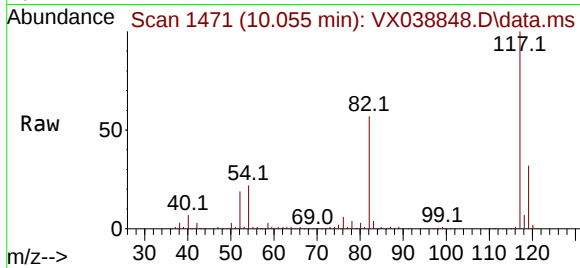




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038848.D
Acq: 16 Nov 2023 19:22

Instrument :
MSVOA_X
ClientSampleId :
DUP01-20231107

Tgt Ion:117 Resp: 278862
Ion Ratio Lower Upper
117 100
82 56.5 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# 1794
Delta R.T. 0.006 min
Lab File: VX038848.D
Acq: 16 Nov 2023 19:22

Tgt Ion:152 Resp: 141453
Ion Ratio Lower Upper
152 100
115 65.2 43.3 129.9
150 160.0 0.0 345.0

