

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010524\
 Data File : VX039648.D
 Acq On : 05 Jan 2024 14:49
 Operator : JC/MD
 Sample : P1034-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1D3

Quant Time: Jan 05 22:23:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

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

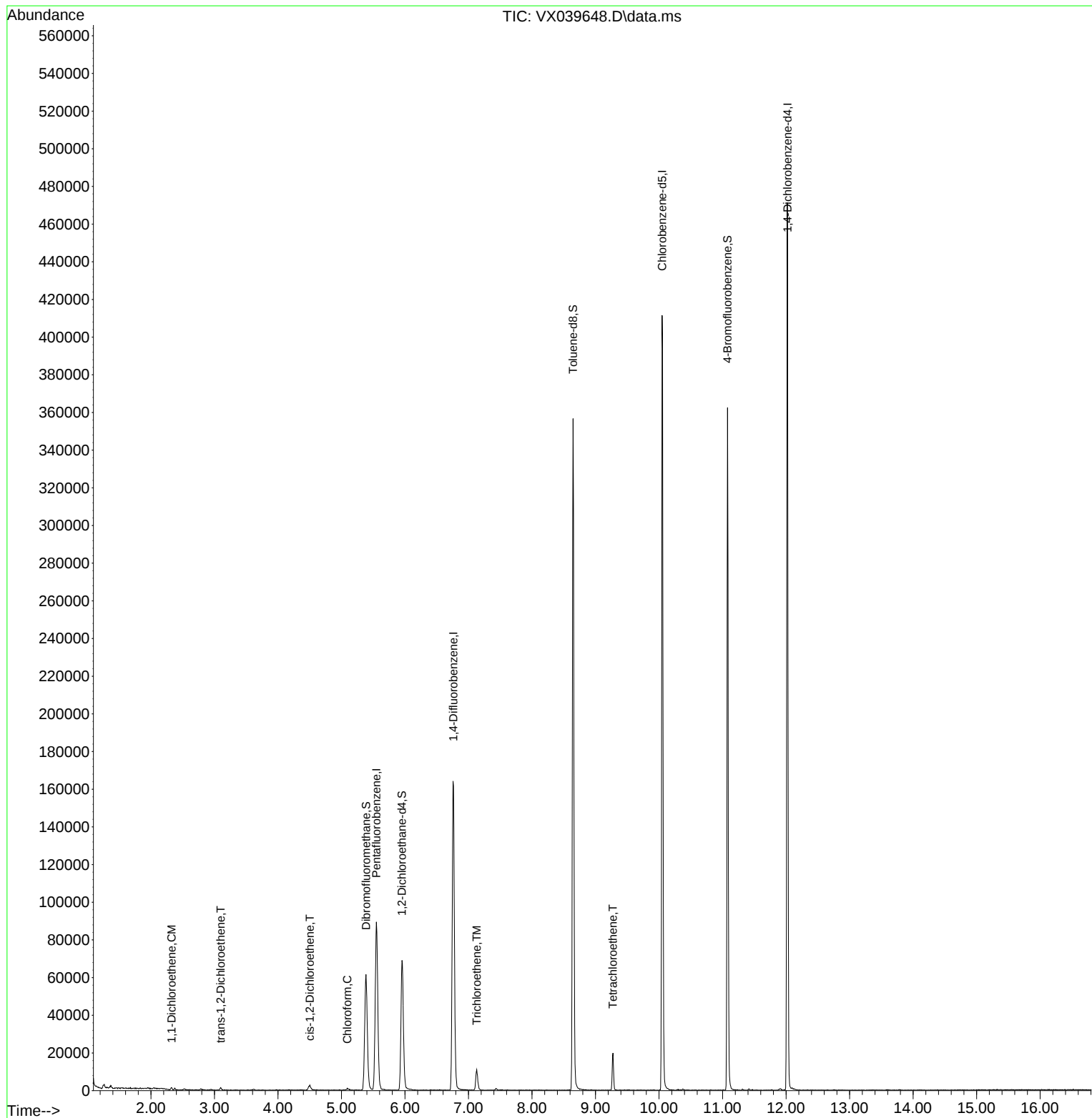
Internal Standards						
1) Pentafluorobenzene	5.550	168	76651	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	162177	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	175964	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	90020	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	67231	47.879	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.760%
35) Dibromofluoromethane	5.385	113	53361	47.627	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.260%
50) Toluene-d8	8.647	98	206343	49.608	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.220%
62) 4-Bromofluorobenzene	11.079	95	95598	55.703	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	111.400%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.325	96	390	0.396	ug/l #	65
21) trans-1,2-Dichloroethene	3.099	96	450	0.420	ug/l #	69
27) cis-1,2-Dichloroethene	4.501	96	1683	1.422	ug/l	87
30) Chloroform	5.092	83	872	0.425	ug/l	96
44) Trichloroethene	7.129	130	4083	3.235	ug/l	95
64) Tetrachloroethene	9.275	164	3278	2.851	ug/l	96

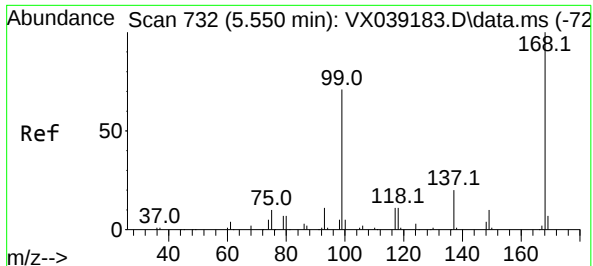
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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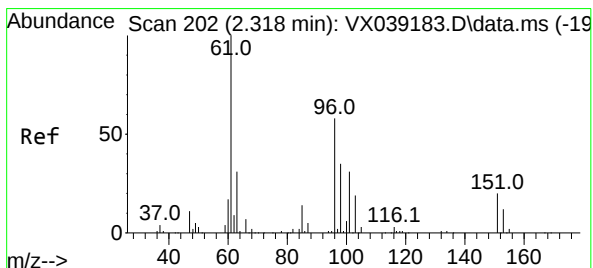
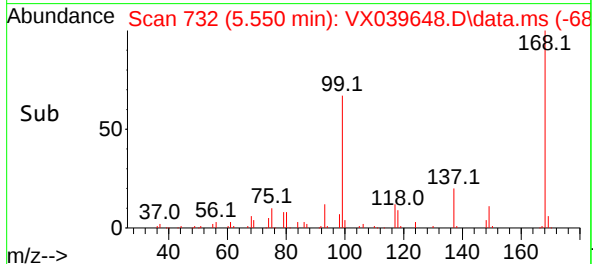
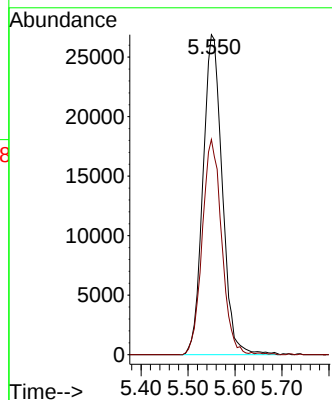
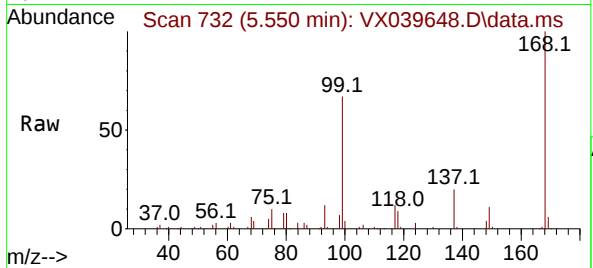




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039648.D
Acq: 05 Jan 2024 14:49

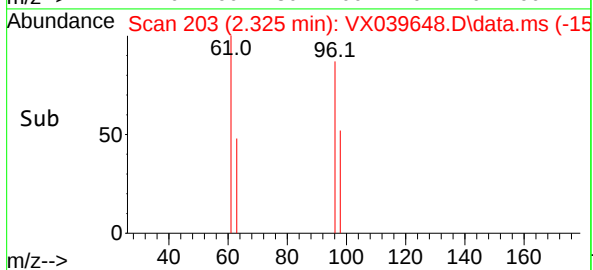
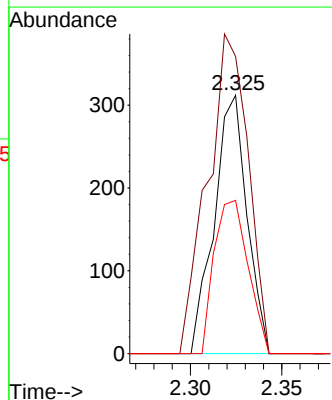
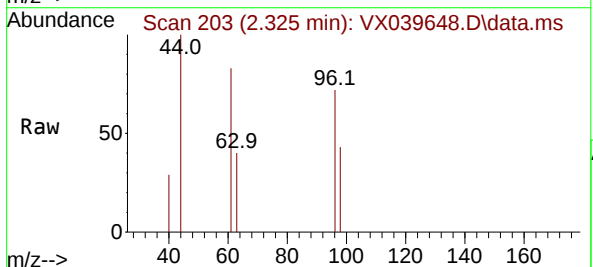
Instrument :
MSVOA_X
ClientSampleId :
MW-1D3

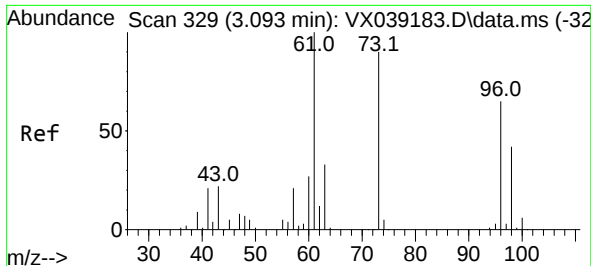
Tgt Ion:168 Resp: 76651
Ion Ratio Lower Upper
168 100
99 67.3 56.6 85.0



#12
1,1-Dichloroethene
Concen: 0.396 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX039648.D
Acq: 05 Jan 2024 14:49

Tgt Ion: 96 Resp: 390
Ion Ratio Lower Upper
96 100
61 115.1 144.6 216.8#
98 59.3 50.4 75.6

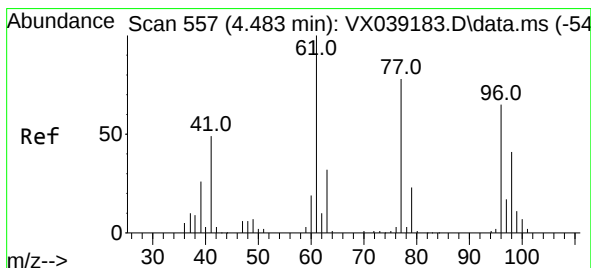
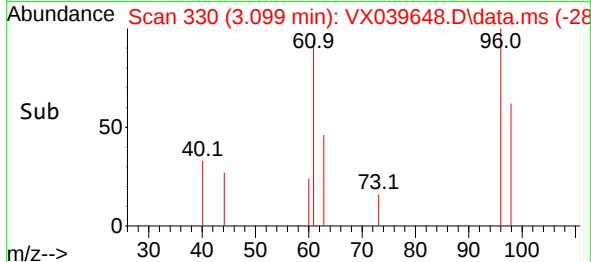
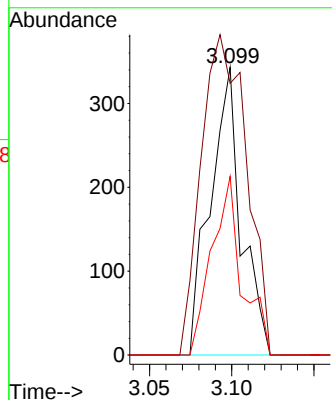
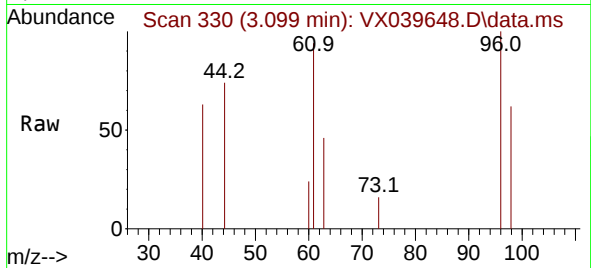




#21
trans-1,2-Dichloroethene
Concen: 0.420 ug/l
RT: 3.099 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX039648.D
Acq: 05 Jan 2024 14:49

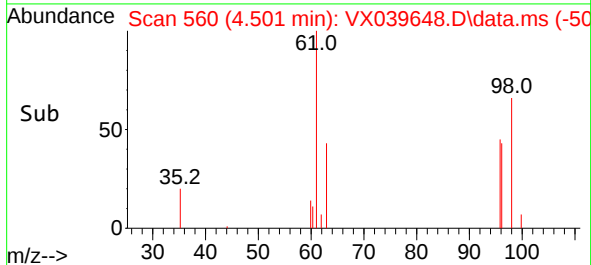
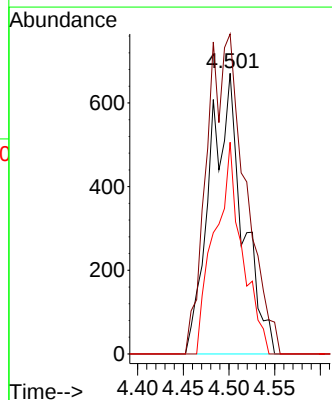
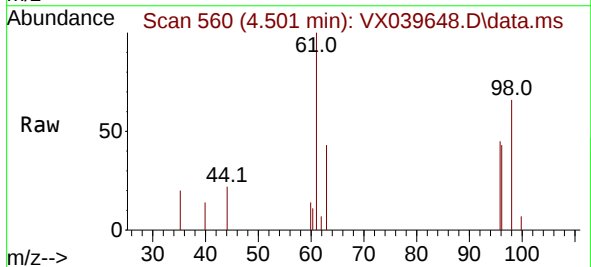
Instrument :
MSVOA_X
ClientSampleId :
MW-1D3

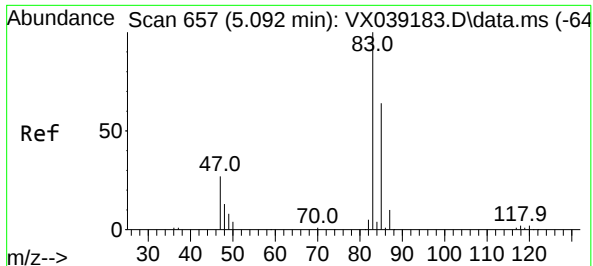
Tgt Ion: 96 Resp: 450
Ion Ratio Lower Upper
96 100
61 94.5 119.2 178.8#
98 62.1 48.7 73.1



#27
cis-1,2-Dichloroethene
Concen: 1.422 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.019 min
Lab File: VX039648.D
Acq: 05 Jan 2024 14:49

Tgt Ion: 96 Resp: 1683
Ion Ratio Lower Upper
96 100
61 133.0 0.0 312.2
98 62.9 0.0 129.0





#30

Chloroform

Concen: 0.425 ug/l

RT: 5.092 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX039648.D

Acq: 05 Jan 2024 14:49

Instrument :

MSVOA_X

ClientSampleId :

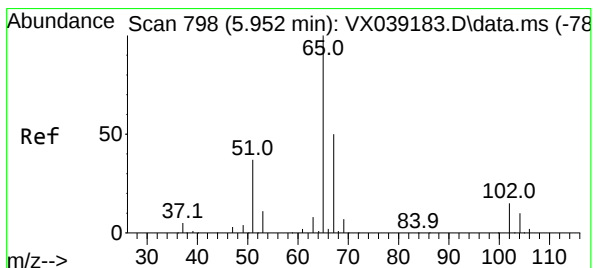
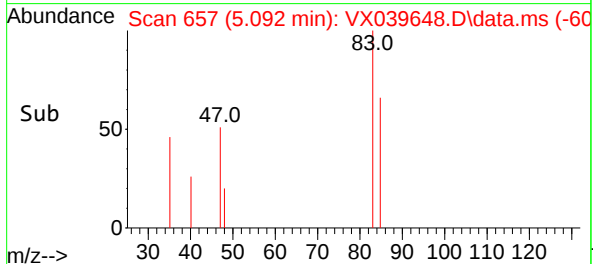
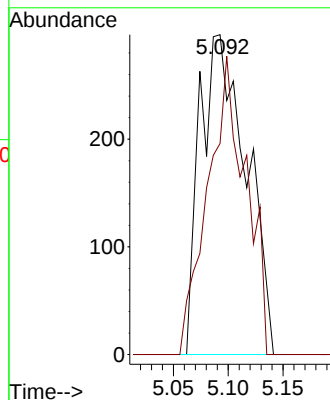
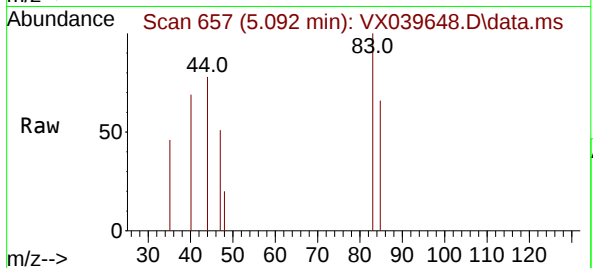
MW-1D3

Tgt Ion: 83 Resp: 872

Ion Ratio Lower Upper

83 100

85 66.0 50.3 75.5



#33

1,2-Dichloroethane-d4

Concen: 47.879 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX039648.D

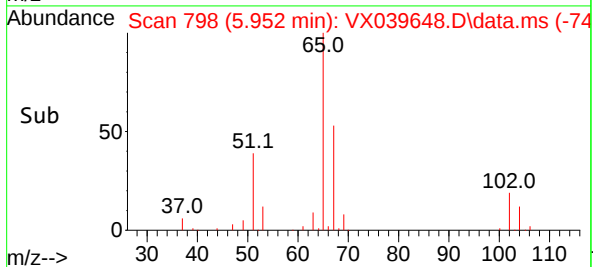
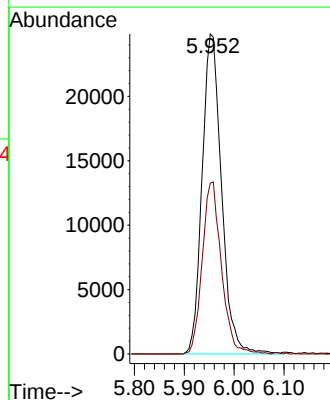
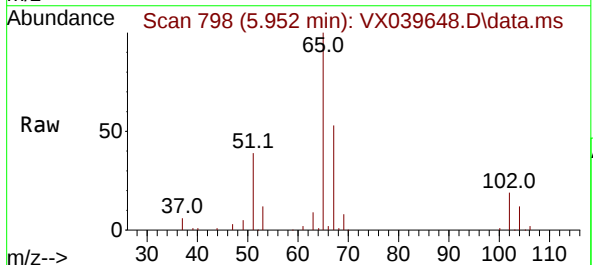
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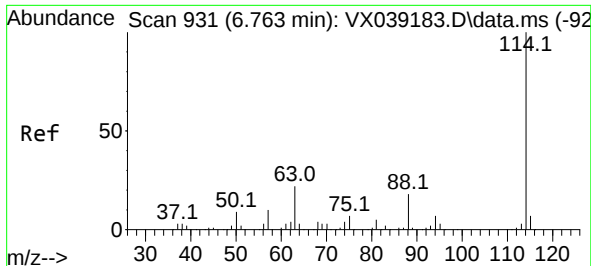
Tgt Ion: 65 Resp: 67231

Ion Ratio Lower Upper

65 100

67 53.0 0.0 100.2

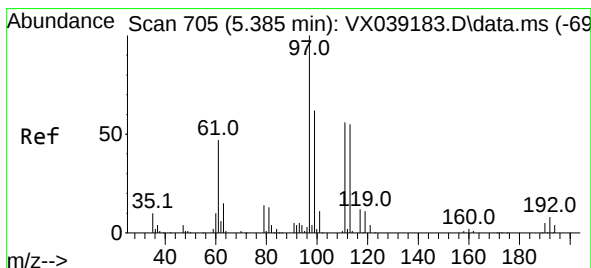
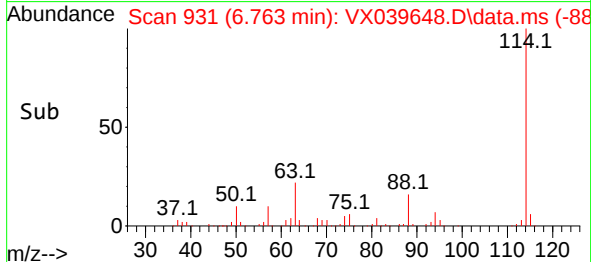
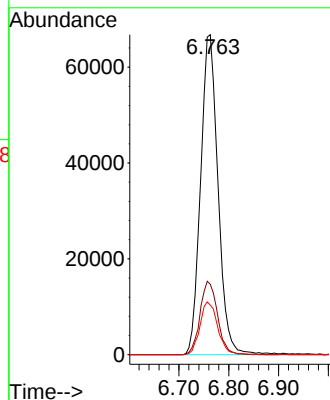
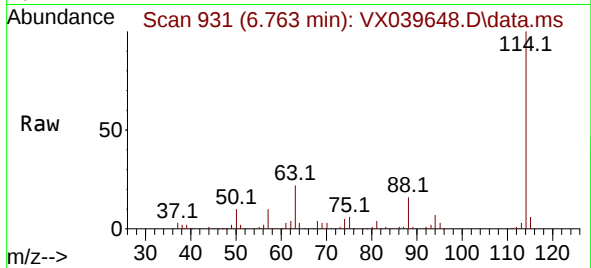




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX039648.D
Acq: 05 Jan 2024 14:49

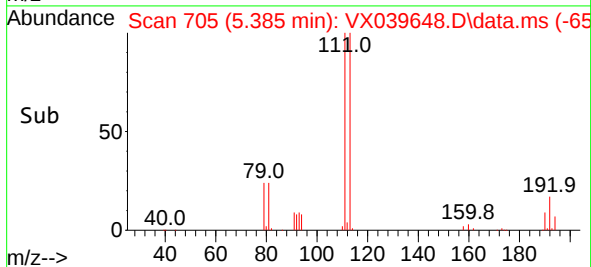
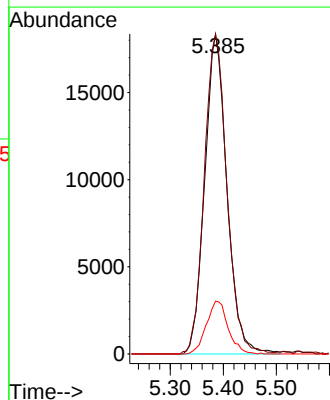
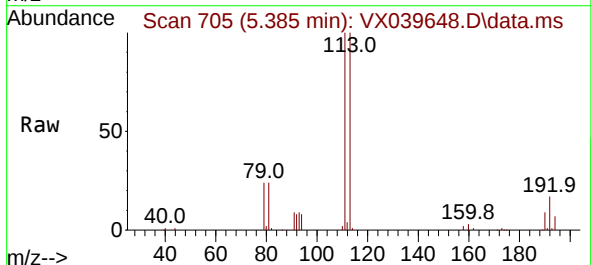
Instrument :
MSVOA_X
ClientSampleId :
MW-1D3

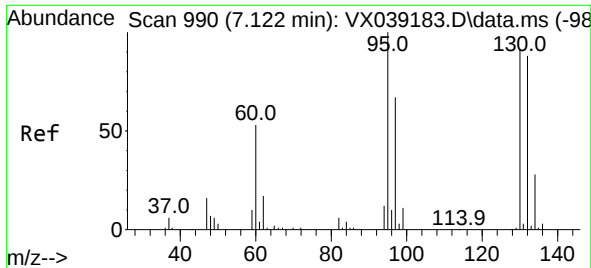
Tgt Ion:114 Resp: 162177
Ion Ratio Lower Upper
114 100
63 22.0 0.0 45.0
88 15.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.627 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039648.D
Acq: 05 Jan 2024 14:49

Tgt Ion:113 Resp: 53361
Ion Ratio Lower Upper
113 100
111 101.8 82.9 124.3
192 16.2 13.3 19.9

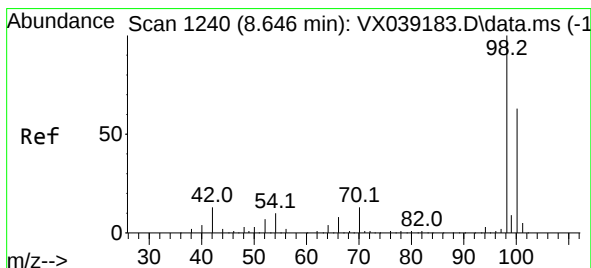
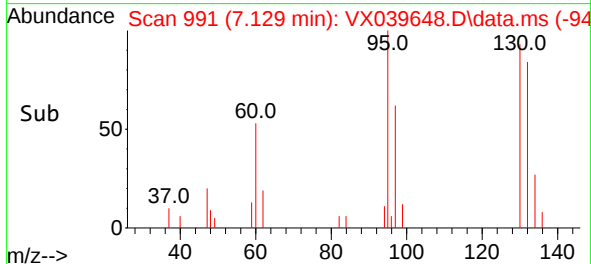
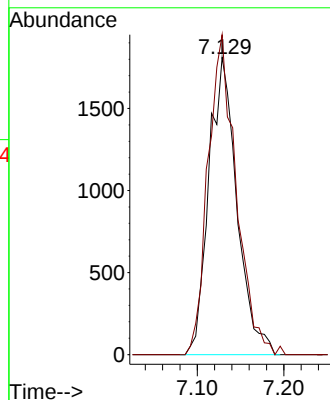
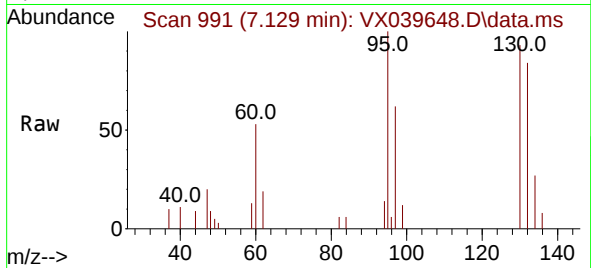




#44
 Trichloroethene
 Concen: 3.235 ug/l
 RT: 7.129 min Scan# 991
 Delta R.T. 0.006 min
 Lab File: VX039648.D
 Acq: 05 Jan 2024 14:49

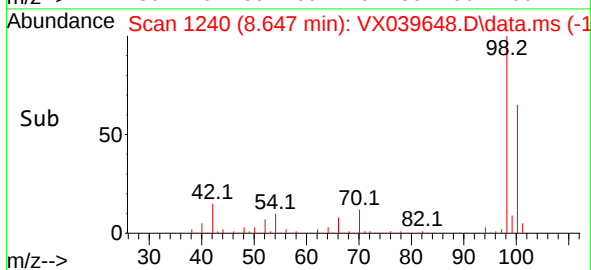
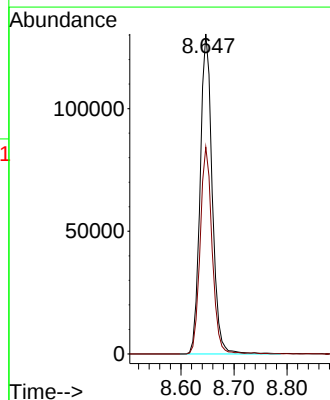
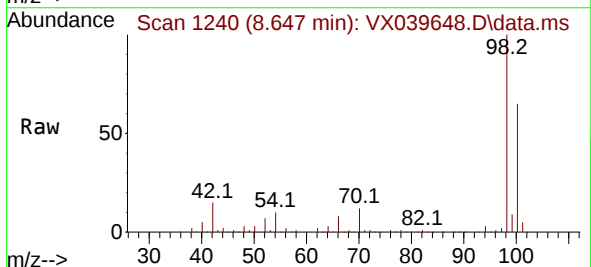
Instrument :
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 ClientSampleId :
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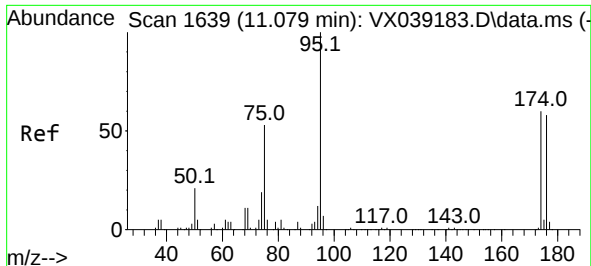
Tgt Ion:130 Resp: 4083
 Ion Ratio Lower Upper
 130 100
 95 107.6 0.0 204.4



#50
 Toluene-d8
 Concen: 49.608 ug/l
 RT: 8.647 min Scan# 1240
 Delta R.T. 0.000 min
 Lab File: VX039648.D
 Acq: 05 Jan 2024 14:49

Tgt Ion: 98 Resp: 206343
 Ion Ratio Lower Upper
 98 100
 100 63.9 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 55.703 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039648.D

Acq: 05 Jan 2024 14:49

Instrument :

MSVOA_X

ClientSampleId :

MW-1D3

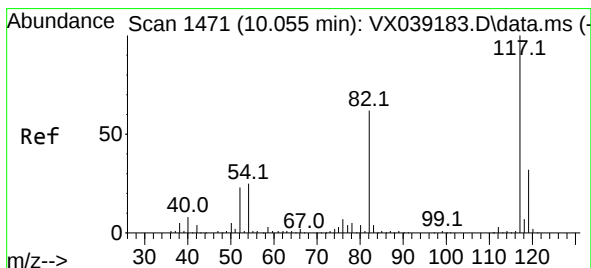
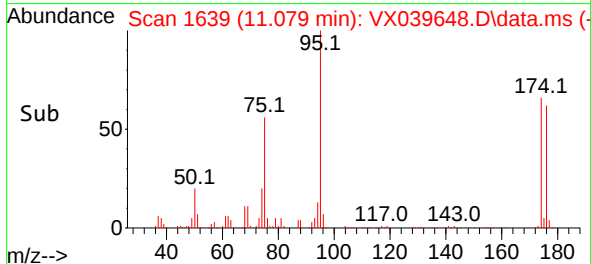
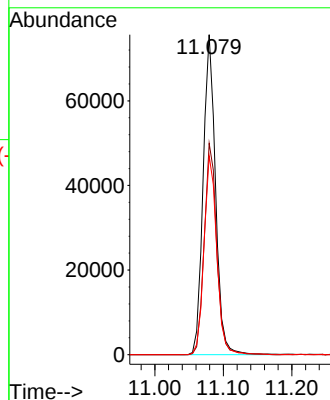
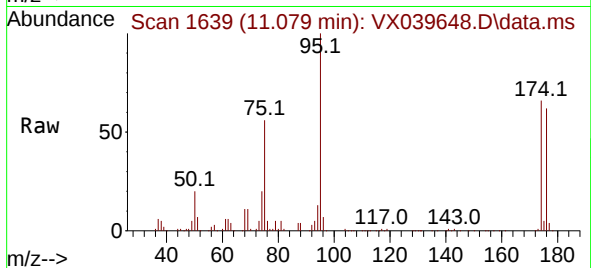
Tgt Ion: 95 Resp: 95598

Ion Ratio Lower Upper

95 100

174 66.5 0.0 135.6

176 63.7 0.0 131.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.006 min

Lab File: VX039648.D

Acq: 05 Jan 2024 14:49

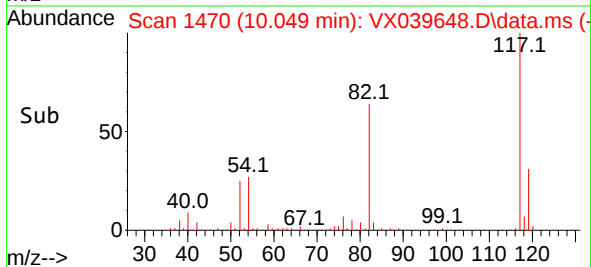
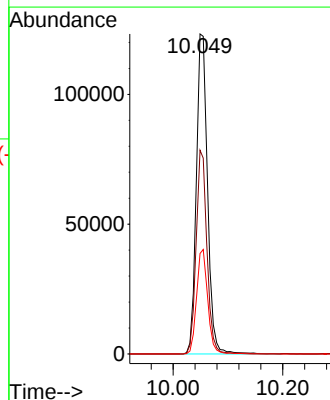
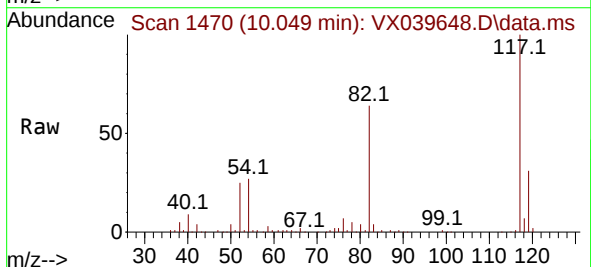
Tgt Ion: 117 Resp: 175964

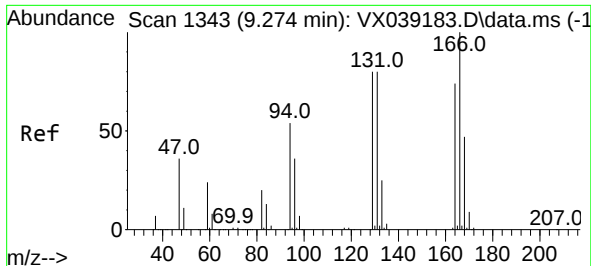
Ion Ratio Lower Upper

117 100

82 63.6 46.2 69.4

119 31.4 25.5 38.3



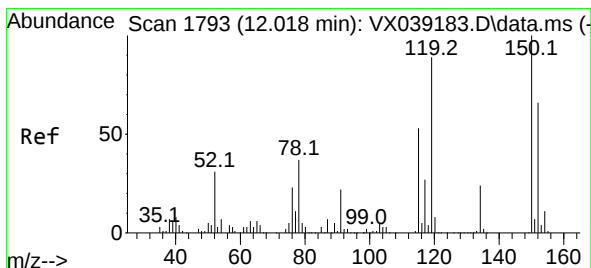
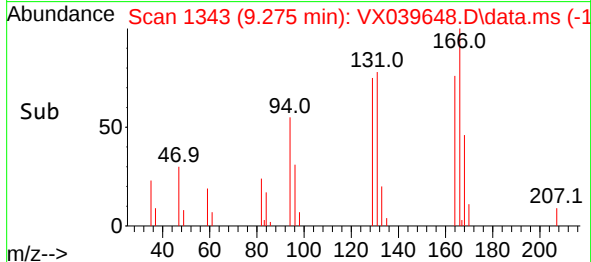
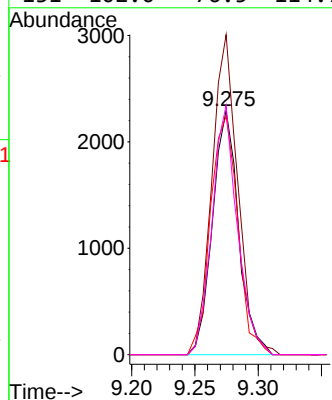
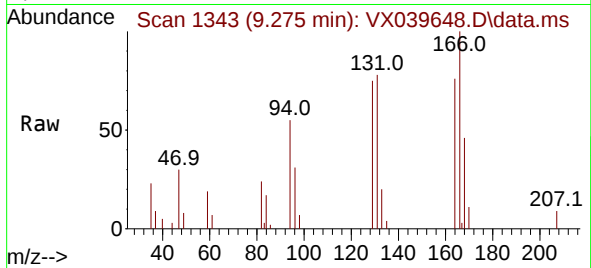


#64
Tetrachloroethene
Concen: 2.851 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039648.D
Acq: 05 Jan 2024 14:49

Instrument :
MSVOA_X
ClientSampleId :
MW-1D3

Tgt Ion:164 Resp: 3278

Ion	Ratio	Lower	Upper
164	100		
166	131.1	102.7	154.1
129	97.7	80.4	120.6
131	102.0	76.5	114.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX039648.D
Acq: 05 Jan 2024 14:49

Tgt Ion:152 Resp: 90020

Ion	Ratio	Lower	Upper
152	100		
115	66.0	43.3	129.9
150	158.4	0.0	345.0

