

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022224\
 Data File : VX040402.D
 Acq On : 22 Feb 2024 15:26
 Operator : JC/MD
 Sample : P1520-11DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D2-20240216DL

Quant Time: Feb 23 00:08:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

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

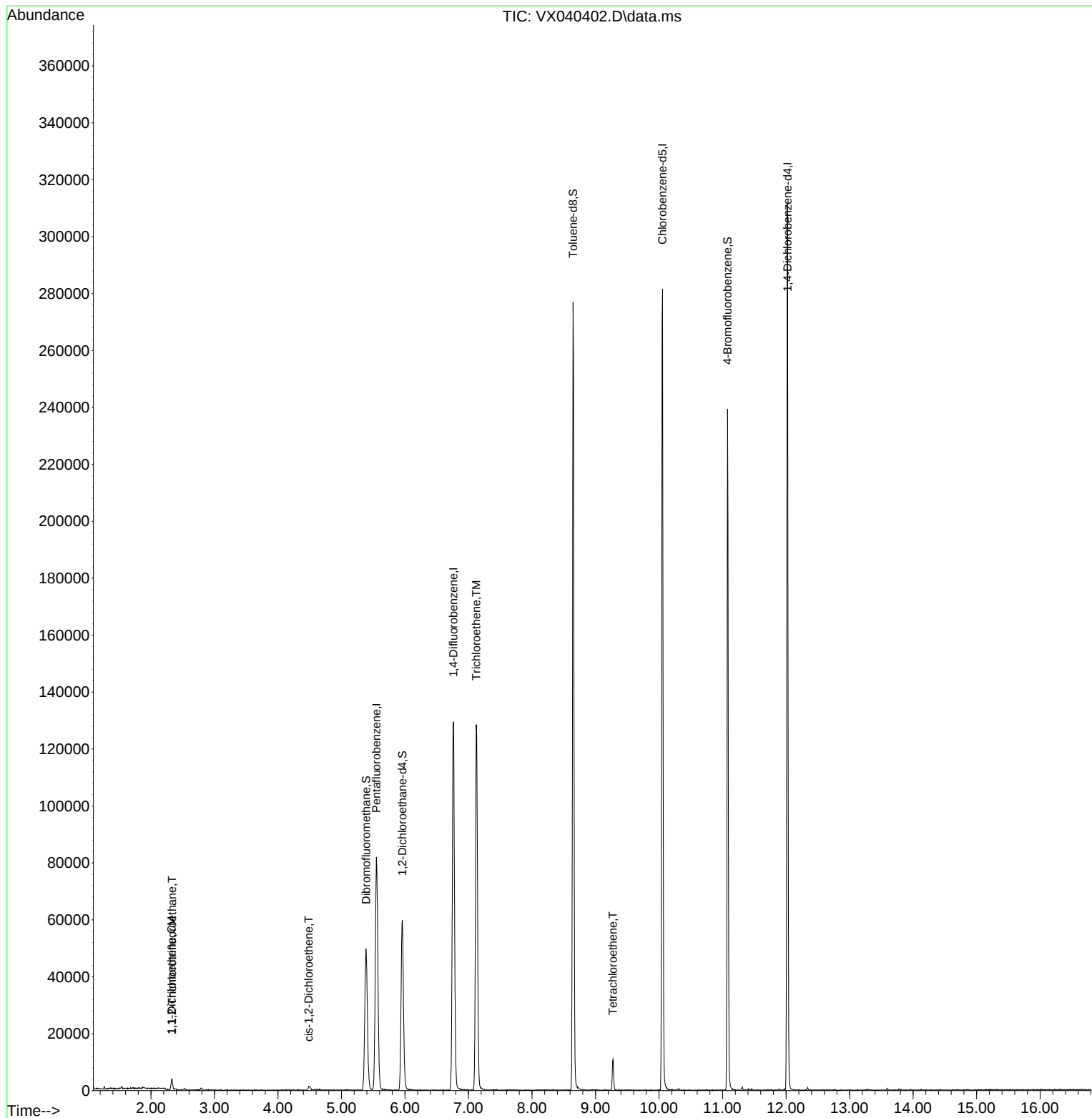
Internal Standards						
1) Pentafluorobenzene	5.550	168	71852	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	128650	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	124120	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	60728	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	58228	54.472	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 108.940%	
35) Dibromofluoromethane	5.385	113	42318	47.103	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 94.200%	
50) Toluene-d8	8.647	98	158249	47.088	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 94.180%	
62) 4-Bromofluorobenzene	11.079	95	60267	43.970	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 87.940%	
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.331	101	1425	1.870	ug/l	94
12) 1,1-Dichloroethene	2.325	96	254	0.346	ug/l #	75
27) cis-1,2-Dichloroethene	4.483	96	979	1.027	ug/l	78
44) Trichloroethene	7.123	130	47285	48.707	ug/l	96
64) Tetrachloroethene	9.275	164	1756	2.019	ug/l #	88

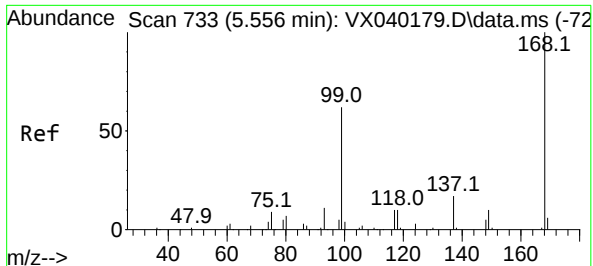
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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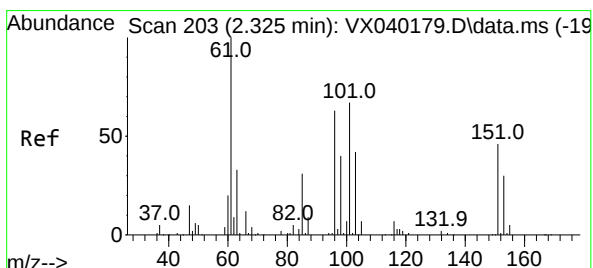
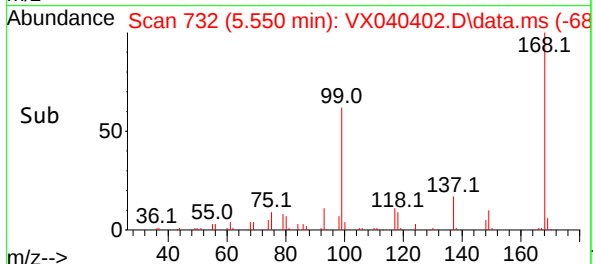
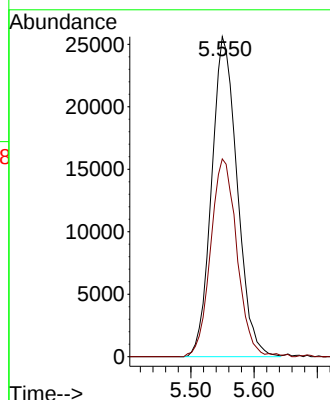
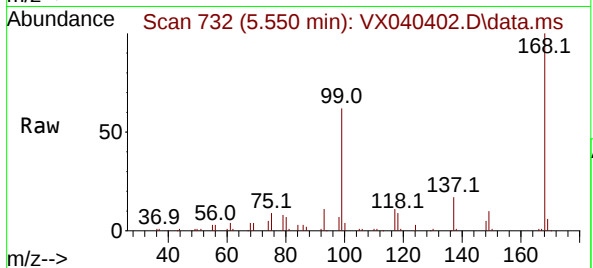




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040402.D
Acq: 22 Feb 2024 15:26

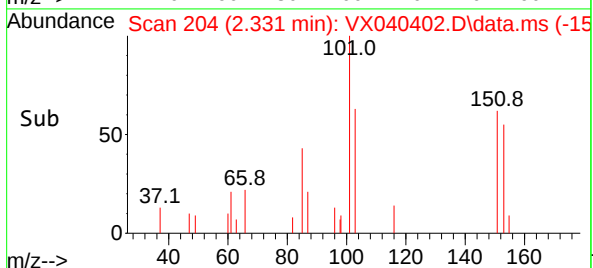
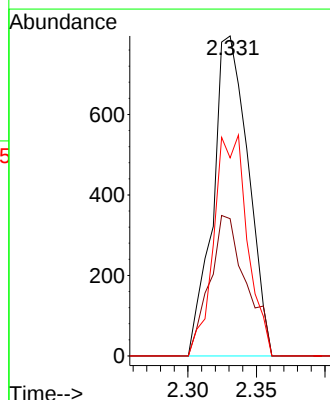
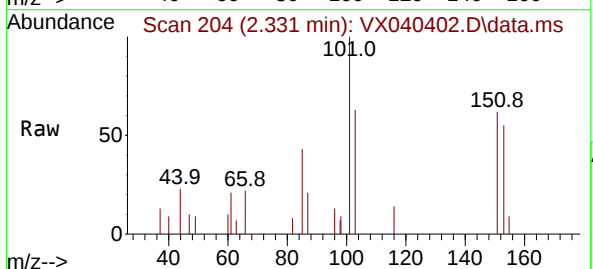
Instrument :
MSVOA_X
ClientSampleId :
RE125D2-20240216DL

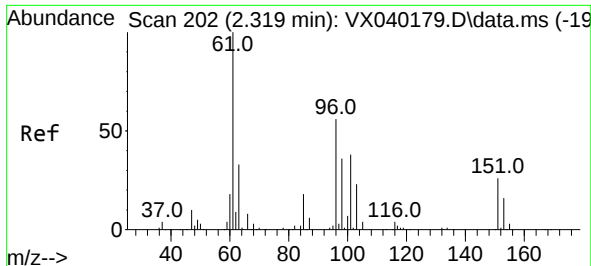
Tgt Ion:168 Resp: 71852
Ion Ratio Lower Upper
168 100
99 61.8 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.870 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX040402.D
Acq: 22 Feb 2024 15:26

Tgt Ion:101 Resp: 1425
Ion Ratio Lower Upper
101 100
85 45.3 37.0 55.6
151 65.7 58.6 87.8





#12

1,1-Dichloroethene

Concen: 0.346 ug/l

RT: 2.325 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX040402.D

Acq: 22 Feb 2024 15:26

Instrument :

MSVOA_X

ClientSampleId :

RE125D2-20240216DL

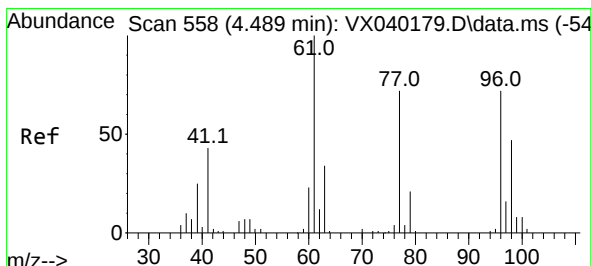
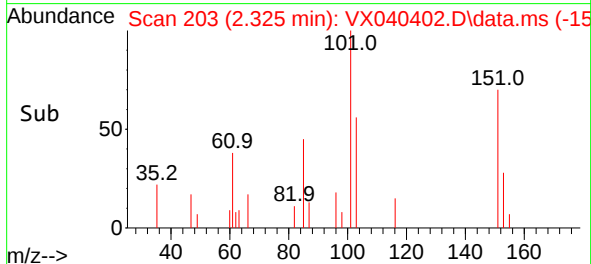
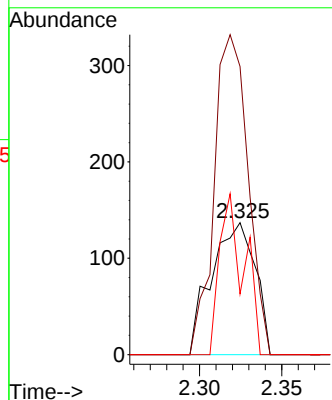
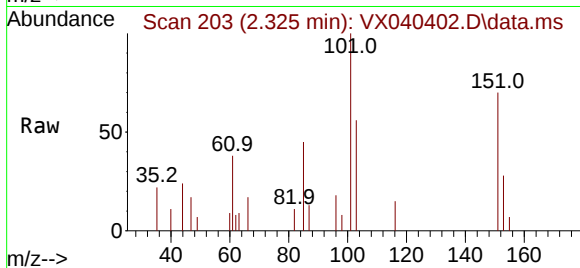
Tgt Ion: 96 Resp: 254

Ion Ratio Lower Upper

96 100

61 218.2 144.6 216.8#

98 46.0 50.4 75.6#



#27

cis-1,2-Dichloroethene

Concen: 1.027 ug/l

RT: 4.483 min Scan# 557

Delta R.T. -0.006 min

Lab File: VX040402.D

Acq: 22 Feb 2024 15:26

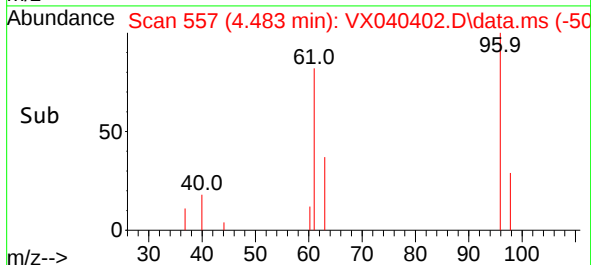
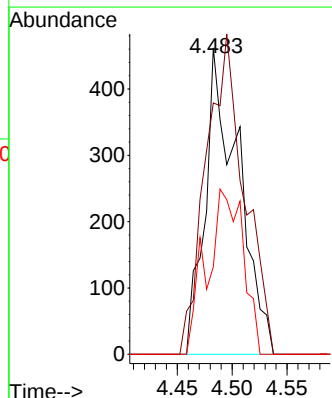
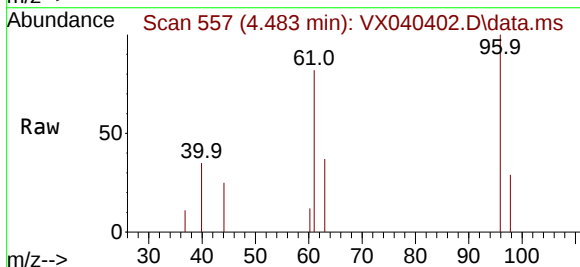
Tgt Ion: 96 Resp: 979

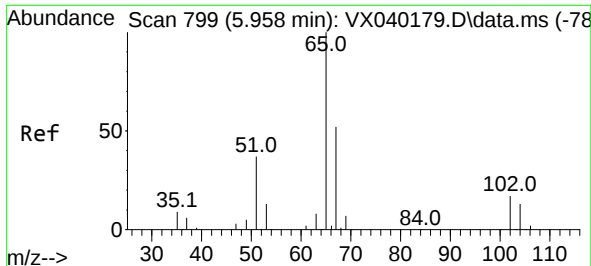
Ion Ratio Lower Upper

96 100

61 119.8 0.0 312.2

98 58.4 0.0 129.0





#33

1,2-Dichloroethane-d4

Concen: 54.472 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX040402.D

Acq: 22 Feb 2024 15:26

Instrument :

MSVOA_X

ClientSampleId :

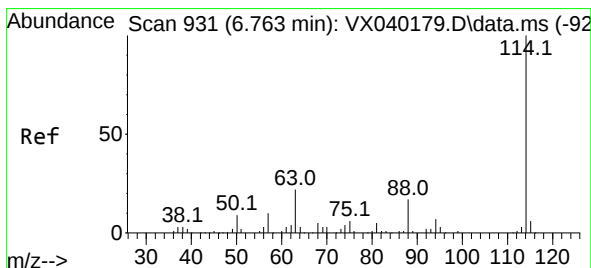
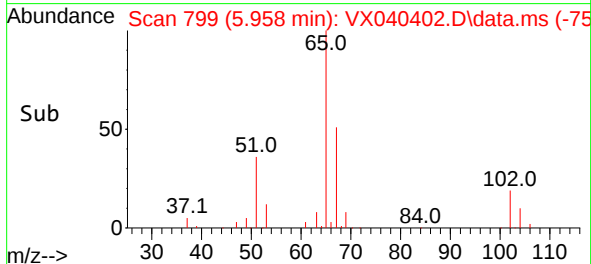
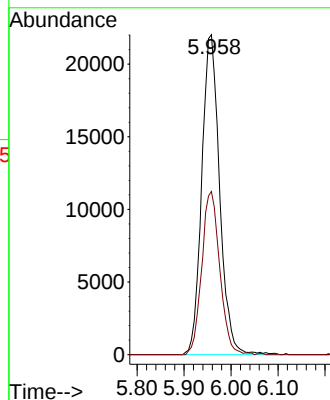
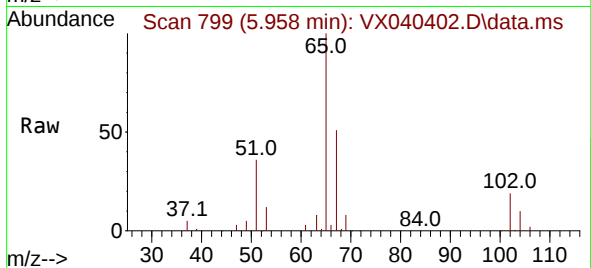
RE125D2-20240216DL

Tgt Ion: 65 Resp: 58228

Ion Ratio Lower Upper

65 100

67 51.3 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: VX040402.D

Acq: 22 Feb 2024 15:26

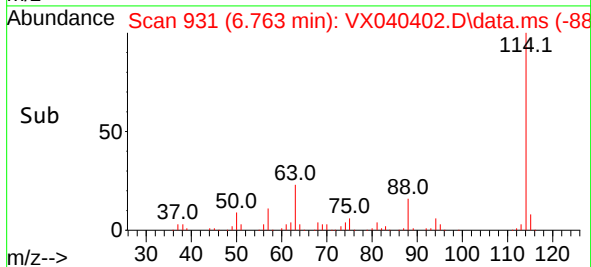
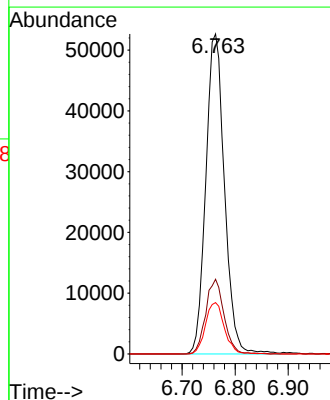
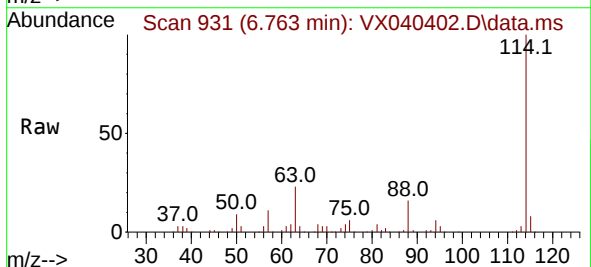
Tgt Ion: 114 Resp: 128650

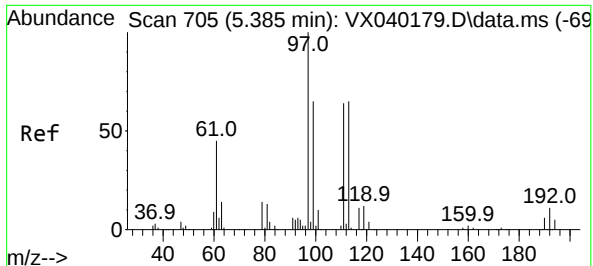
Ion Ratio Lower Upper

114 100

63 23.4 0.0 45.0

88 16.1 0.0 36.6

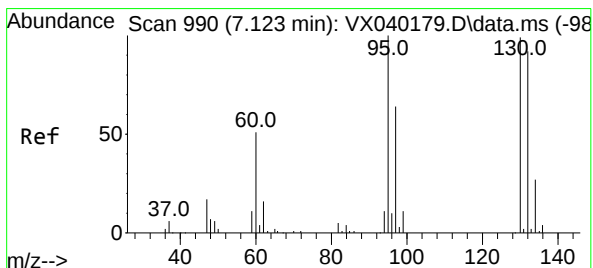
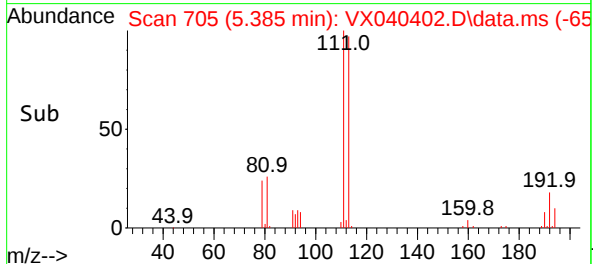
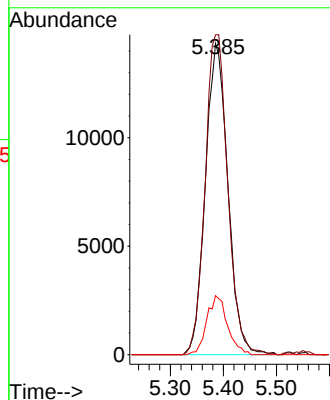
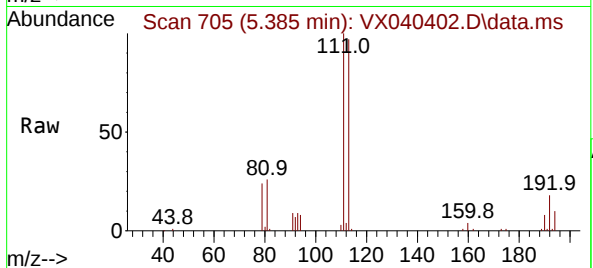




#35
Dibromofluoromethane
Concen: 47.103 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040402.D
Acq: 22 Feb 2024 15:26

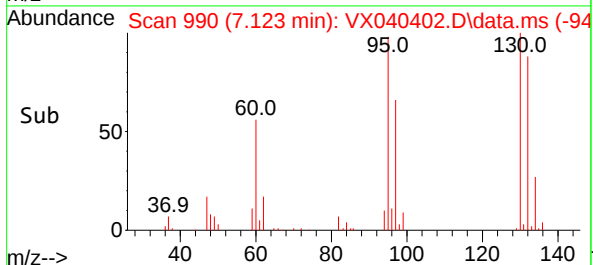
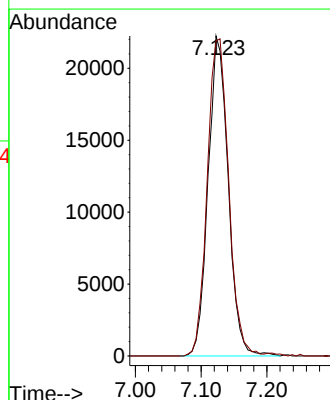
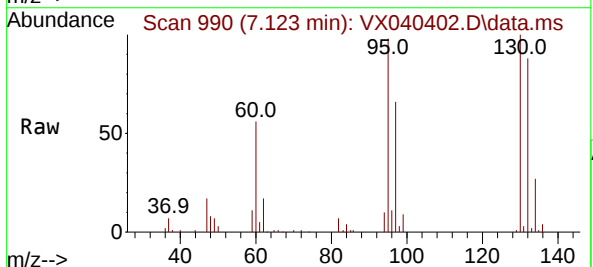
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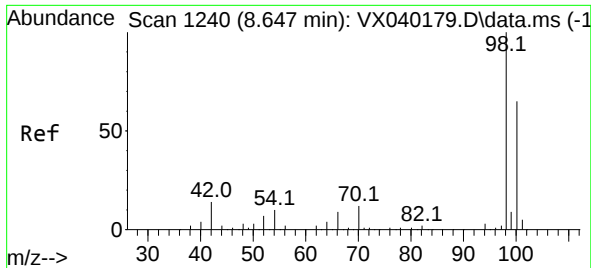
Tgt Ion:113 Resp: 42318
Ion Ratio Lower Upper
113 100
111 103.5 82.9 124.3
192 17.4 13.3 19.9



#44
Trichloroethene
Concen: 48.707 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX040402.D
Acq: 22 Feb 2024 15:26

Tgt Ion:130 Resp: 47285
Ion Ratio Lower Upper
130 100
95 98.5 0.0 204.4

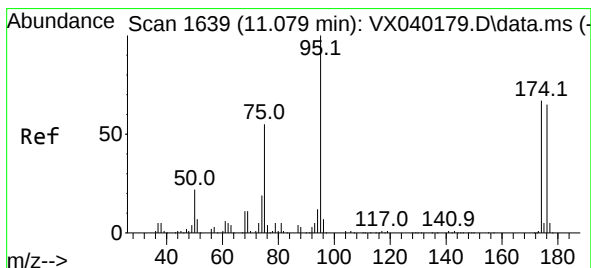
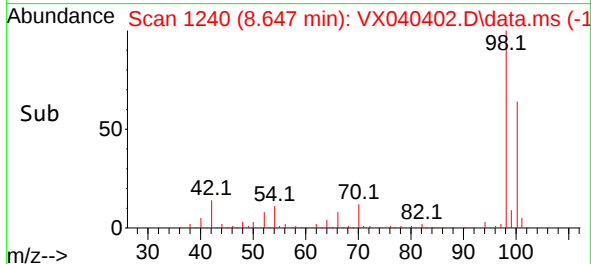
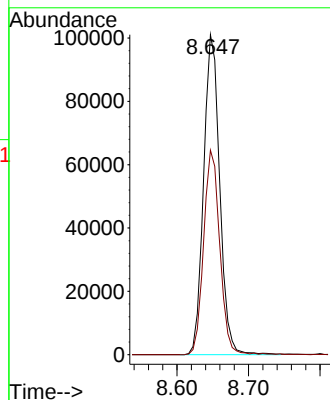
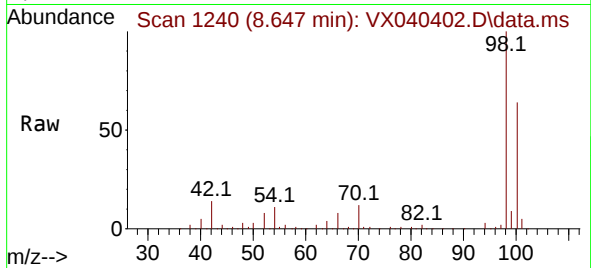




#50
Toluene-d8
Concen: 47.088 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040402.D
Acq: 22 Feb 2024 15:26

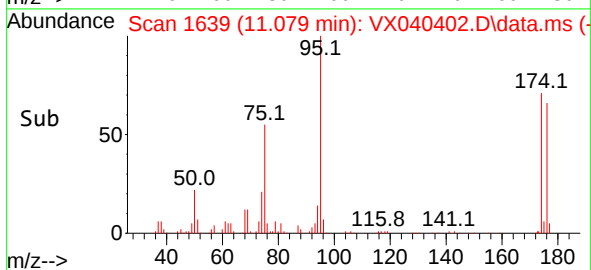
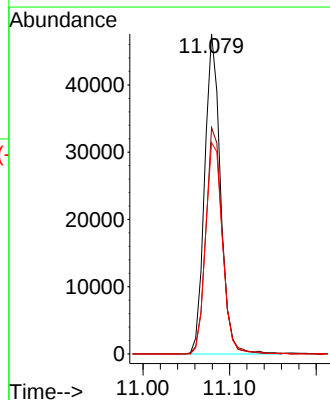
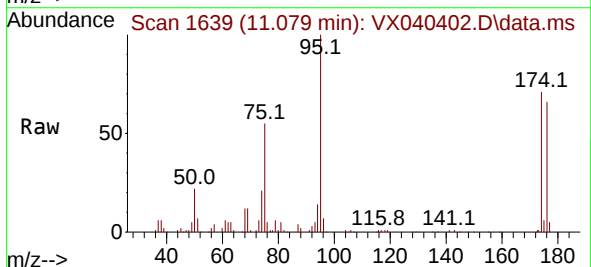
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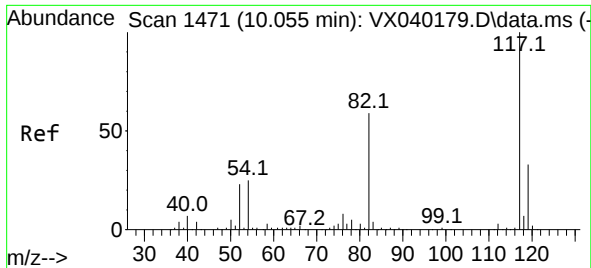
Tgt Ion: 98 Resp: 158249
Ion Ratio Lower Upper
98 100
100 64.0 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 43.970 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040402.D
Acq: 22 Feb 2024 15:26

Tgt Ion: 95 Resp: 60267
Ion Ratio Lower Upper
95 100
174 73.5 0.0 135.6
176 71.0 0.0 131.0

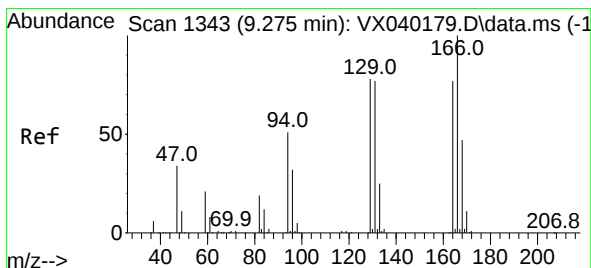
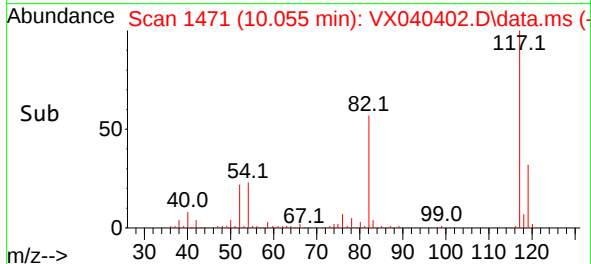
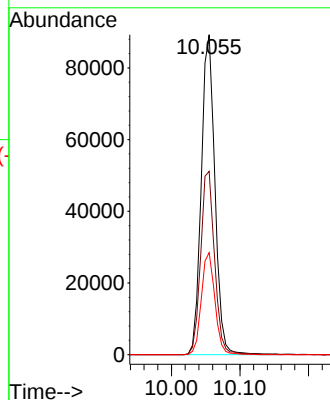
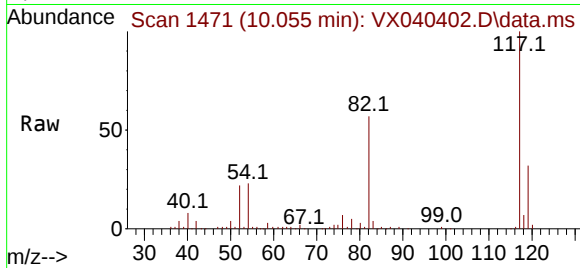




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040402.D
Acq: 22 Feb 2024 15:26

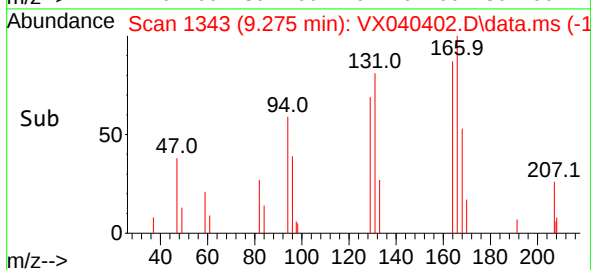
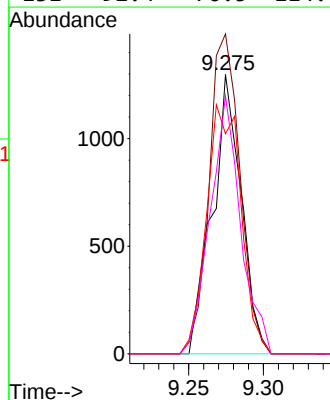
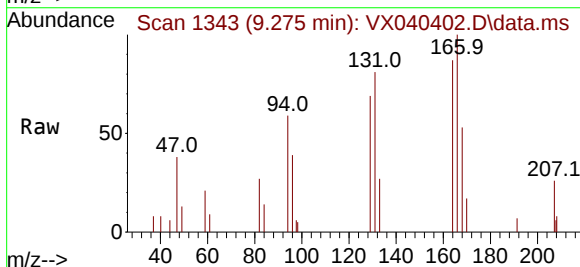
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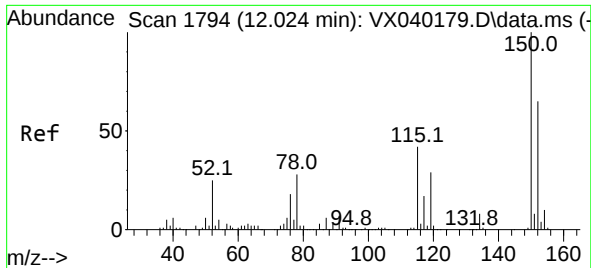
Tgt Ion:	117	Resp:	124120
Ion	Ratio	Lower	Upper
117	100		
82	57.3	46.2	69.4
119	31.9	25.5	38.3



#64
Tetrachloroethene
Concen: 2.019 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX040402.D
Acq: 22 Feb 2024 15:26

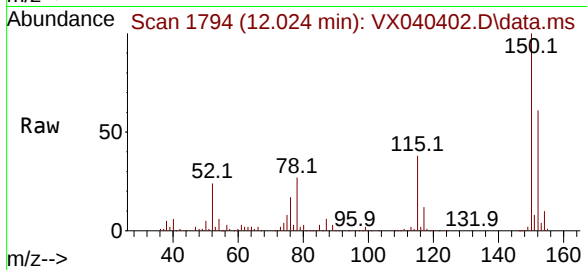
Tgt Ion:	164	Resp:	1756
Ion	Ratio	Lower	Upper
164	100		
166	114.6	102.7	154.1
129	78.8	80.4	120.6
131	92.4	76.5	114.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX040402.D
 Acq: 22 Feb 2024 15:26

Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D2-20240216DL



Tgt Ion:152 Resp: 60728
 Ion Ratio Lower Upper
 152 100
 115 62.7 43.3 129.9
 150 158.0 0.0 345.0

