

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083123\
 Data File : VX037449.D
 Acq On : 31 Aug 2023 22:45
 Operator : JC/MD
 Sample : 04252-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-14A-17.5-083023

Quant Time: Sep 01 03:19:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

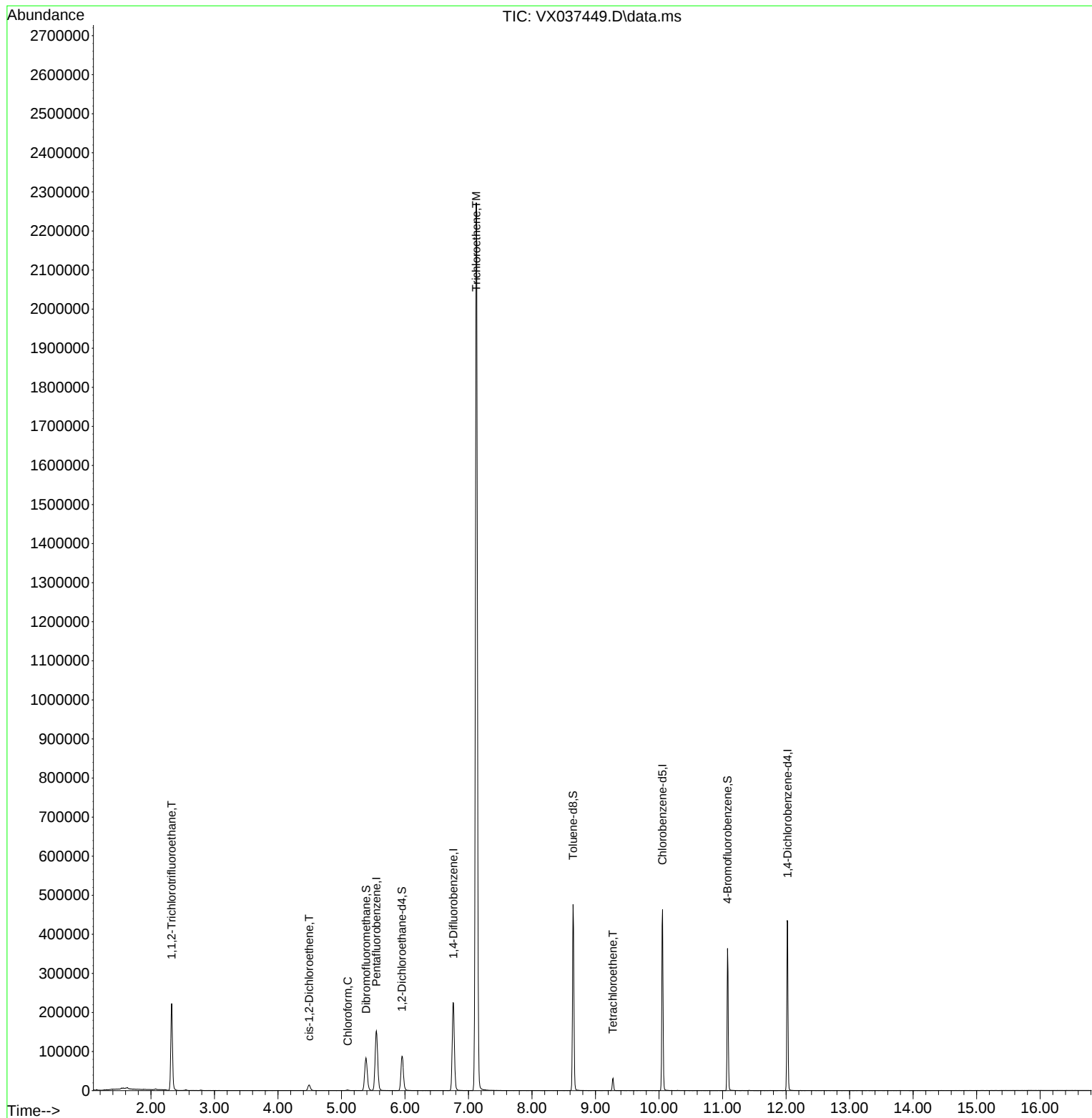
Internal Standards						
1) Pentafluorobenzene	5.550	168	145377	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	245132	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	217671	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	94439	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	89358	42.635	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	85.280%
35) Dibromofluoromethane	5.385	113	74644	45.979	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.960%
50) Toluene-d8	8.647	98	284875	48.375	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.760%
62) 4-Bromofluorobenzene	11.079	95	102015	44.081	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.160%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.325	101	88471	57.570	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	10193	5.082	ug/l	78
30) Chloroform	5.099	83	2070	0.619	ug/l	97
44) Trichloroethene	7.123	130	924188	492.711	ug/l	94
64) Tetrachloroethene	9.275	164	5867	3.695	ug/l	95

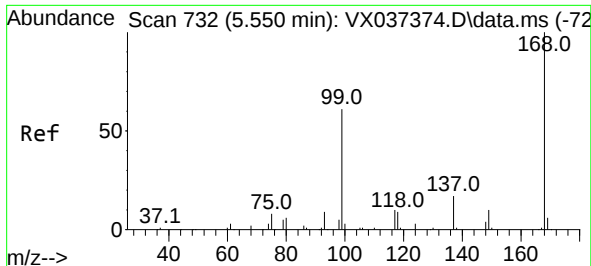
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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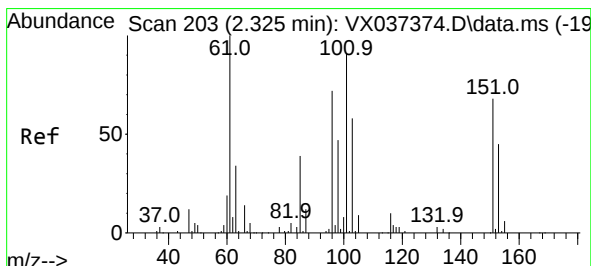
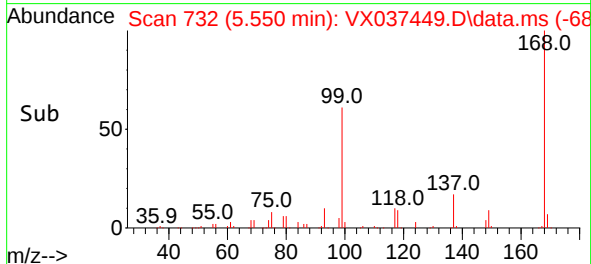
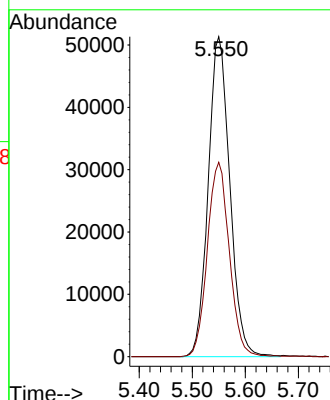
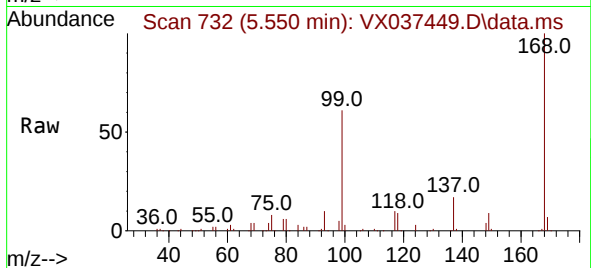




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX037449.D
Acq: 31 Aug 2023 22:45

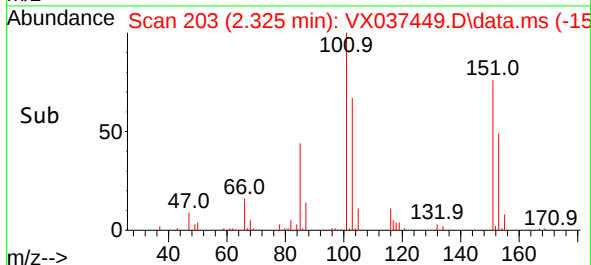
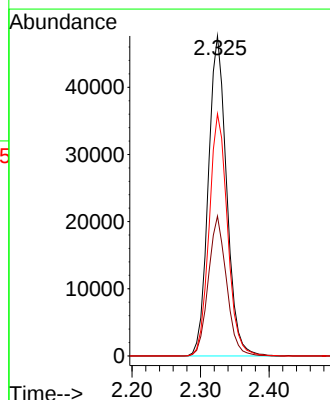
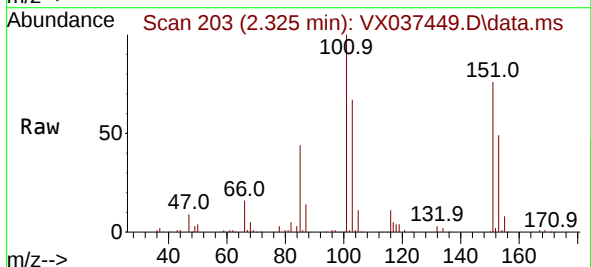
Instrument :
MSVOA_X
ClientSampleId :
MW-14A-17.5-083023

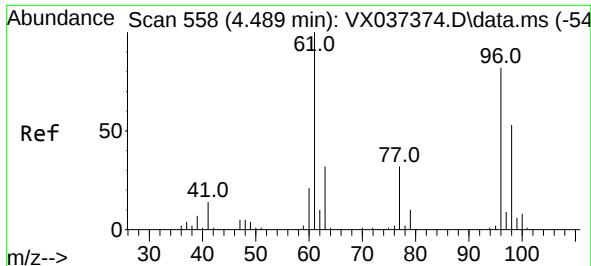
Tgt Ion:168 Resp: 145377
Ion Ratio Lower Upper
168 100
99 60.7 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 57.570 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX037449.D
Acq: 31 Aug 2023 22:45

Tgt Ion:101 Resp: 88471
Ion Ratio Lower Upper
101 100
85 43.4 37.0 55.6
151 75.9 58.6 87.8

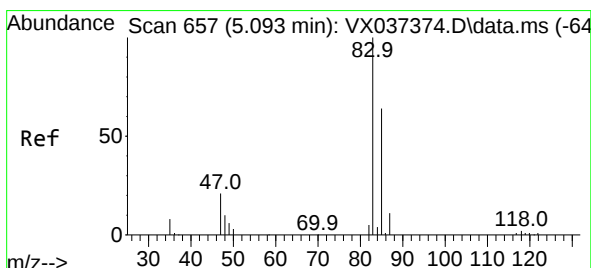
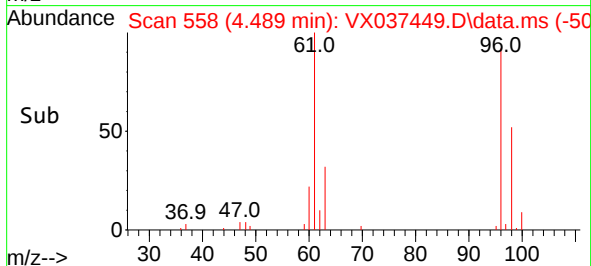
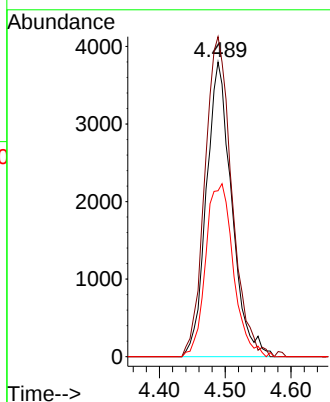
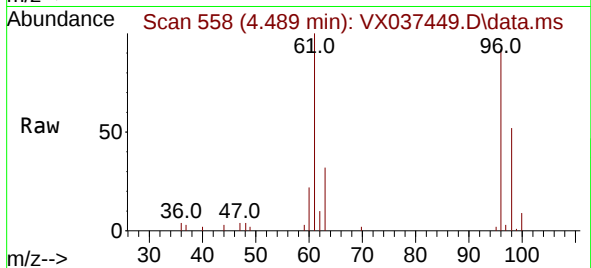




#27
 cis-1,2-Dichloroethene
 Concen: 5.082 ug/l
 RT: 4.489 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VX037449.D
 Acq: 31 Aug 2023 22:45

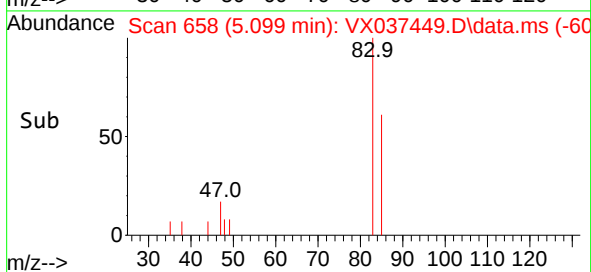
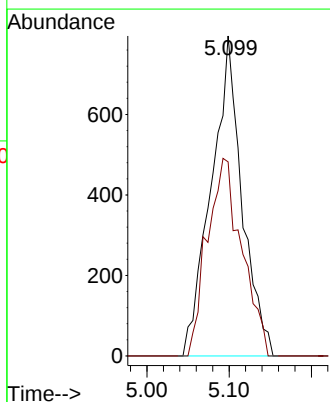
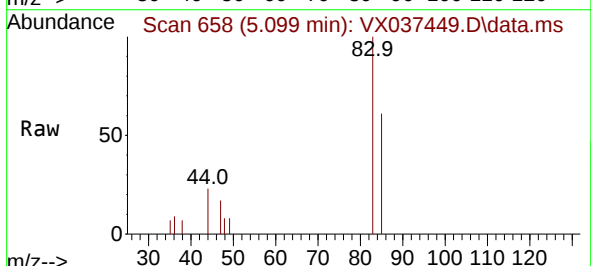
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-14A-17.5-083023

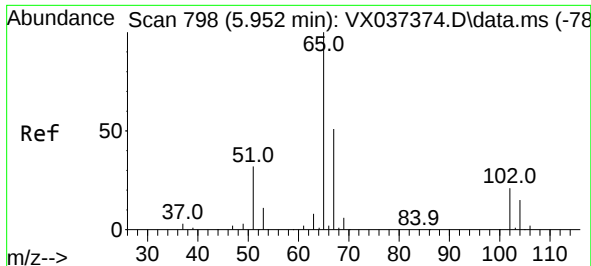
Tgt Ion: 96	Resp: 10193
Ion Ratio	Lower Upper
96 100	
61 115.5	0.0 312.2
98 63.9	0.0 129.0



#30
 Chloroform
 Concen: 0.619 ug/l
 RT: 5.099 min Scan# 658
 Delta R.T. 0.006 min
 Lab File: VX037449.D
 Acq: 31 Aug 2023 22:45

Tgt Ion: 83	Resp: 2070		
Ion Ratio	Lower	Upper	
83 100			
85 60.6	50.3	75.5	





#33

1,2-Dichloroethane-d4

Concen: 42.635 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX037449.D

Acq: 31 Aug 2023 22:45

Instrument :

MSVOA_X

ClientSampleId :

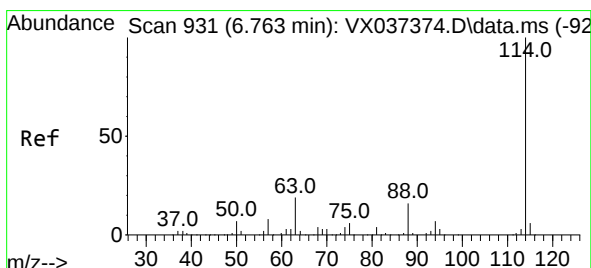
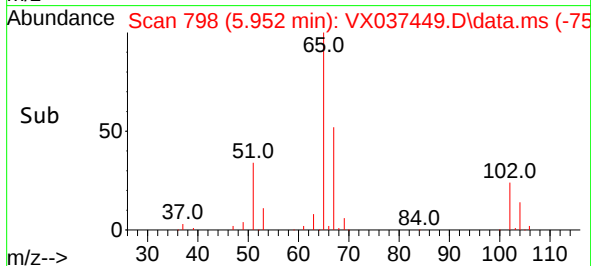
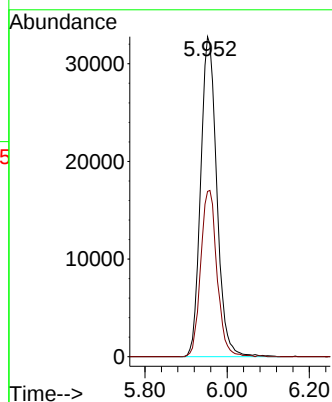
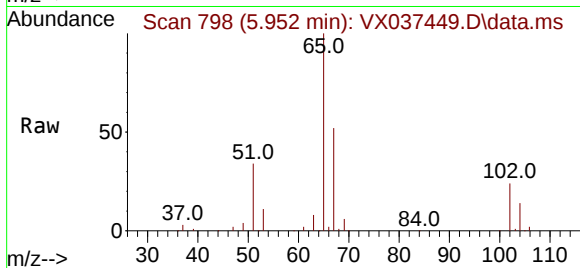
MW-14A-17.5-083023

Tgt Ion: 65 Resp: 89358

Ion Ratio Lower Upper

65 100

67 52.4 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: VX037449.D

Acq: 31 Aug 2023 22:45

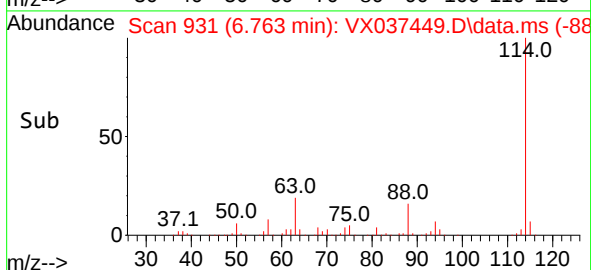
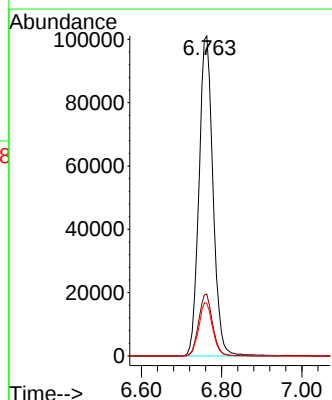
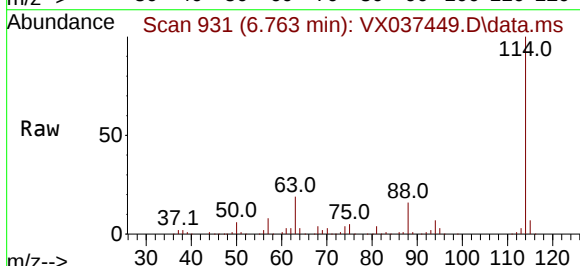
Tgt Ion: 114 Resp: 245132

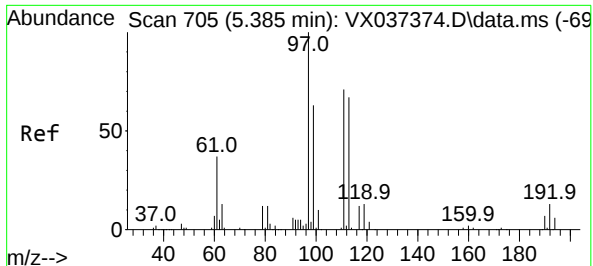
Ion Ratio Lower Upper

114 100

63 19.3 0.0 45.0

88 16.4 0.0 36.6

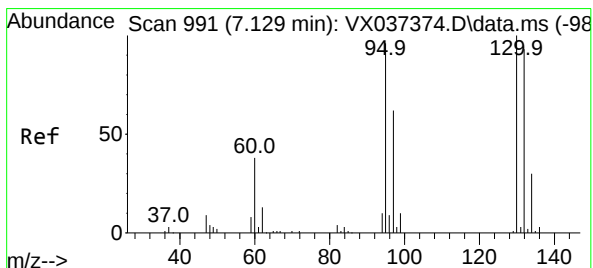
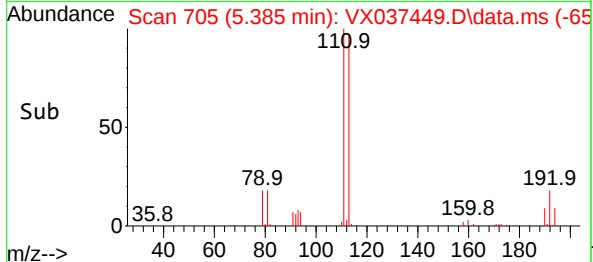
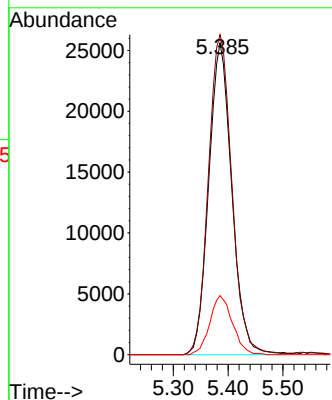
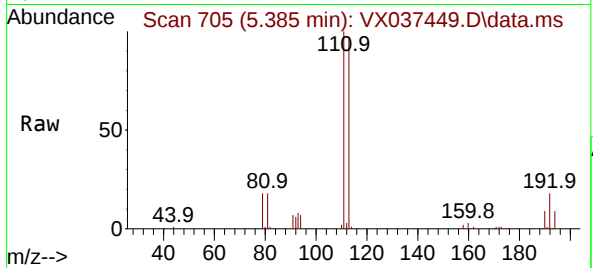




#35
 Dibromofluoromethane
 Concen: 45.979 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. 0.000 min
 Lab File: VX037449.D
 Acq: 31 Aug 2023 22:45

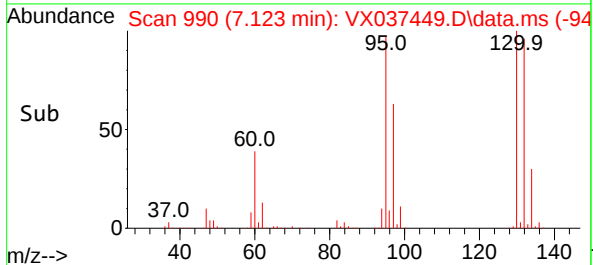
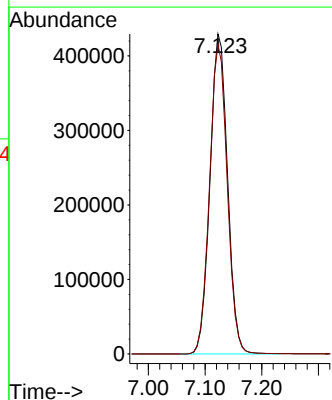
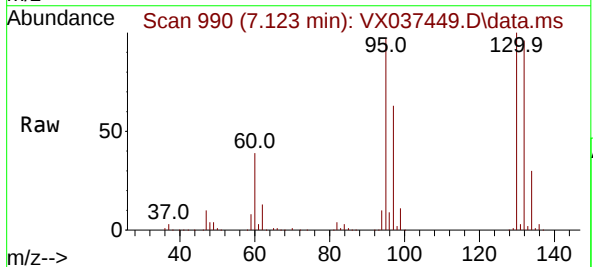
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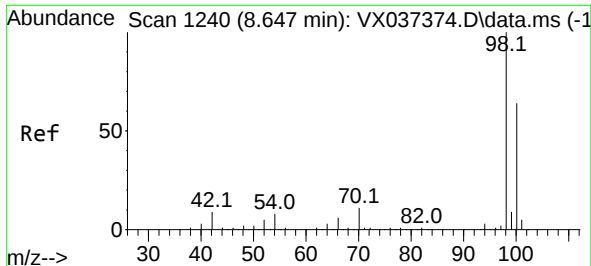
Tgt Ion:113 Resp: 74644
 Ion Ratio Lower Upper
 113 100
 111 104.5 82.9 124.3
 192 18.7 13.3 19.9



#44
 Trichloroethene
 Concen: 492.711 ug/l
 RT: 7.123 min Scan# 990
 Delta R.T. 0.000 min
 Lab File: VX037449.D
 Acq: 31 Aug 2023 22:45

Tgt Ion:130 Resp: 924188
 Ion Ratio Lower Upper
 130 100
 95 96.6 0.0 204.4

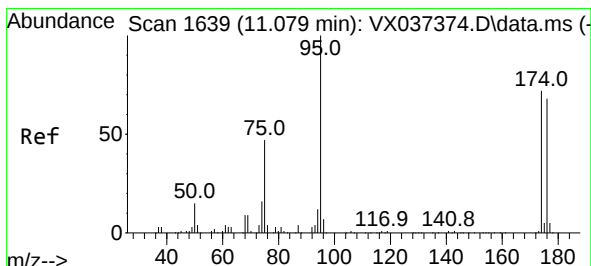
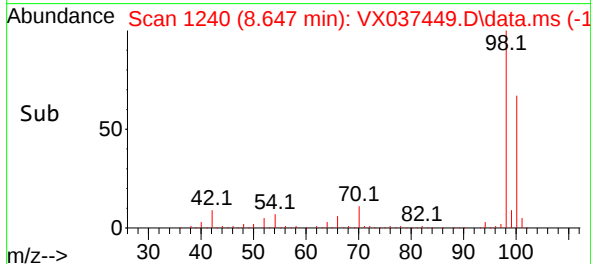
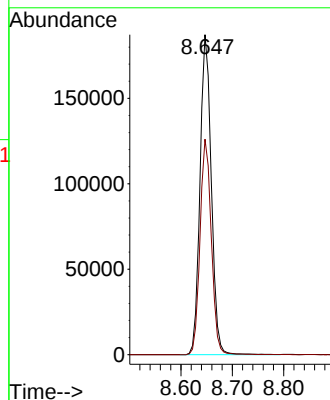
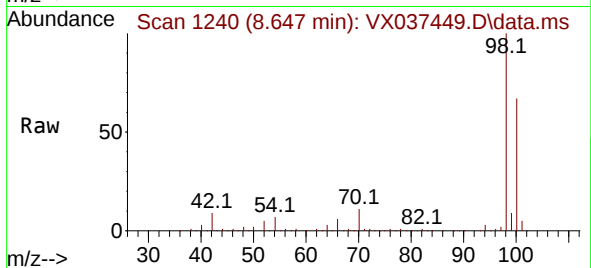




#50
Toluene-d8
Concen: 48.375 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037449.D
Acq: 31 Aug 2023 22:45

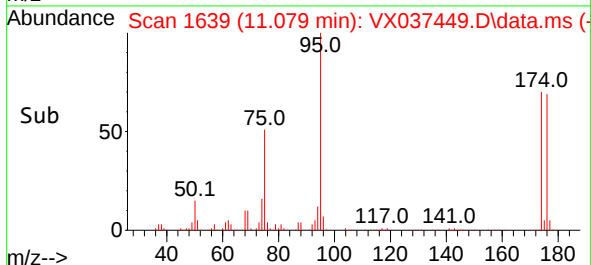
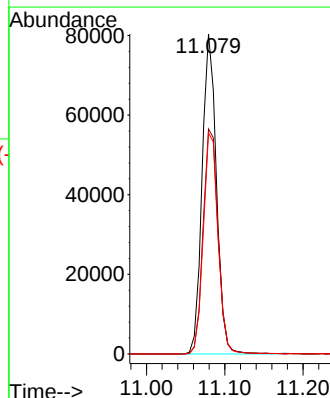
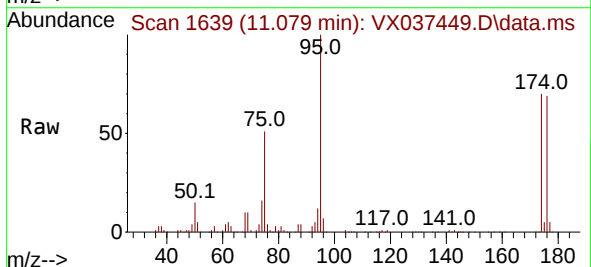
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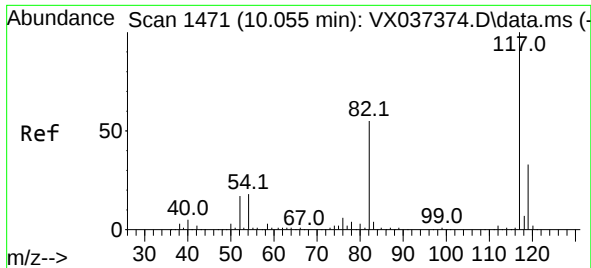
Tgt Ion: 98 Resp: 284875
Ion Ratio Lower Upper
98 100
100 67.3 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 44.081 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037449.D
Acq: 31 Aug 2023 22:45

Tgt Ion: 95 Resp: 102015
Ion Ratio Lower Upper
95 100
174 73.7 0.0 135.6
176 71.1 0.0 131.0

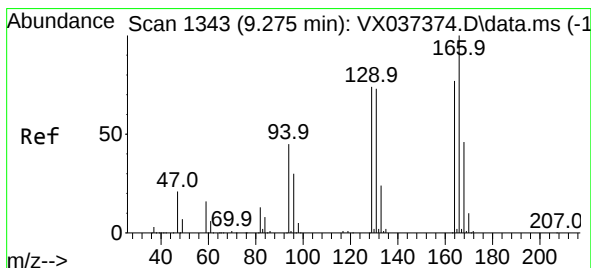
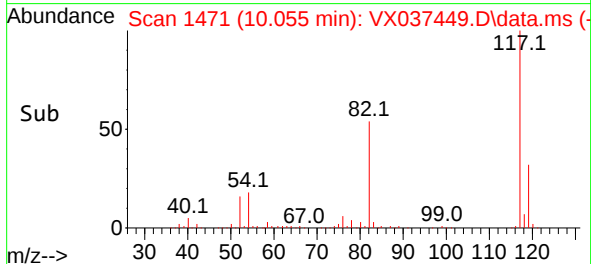
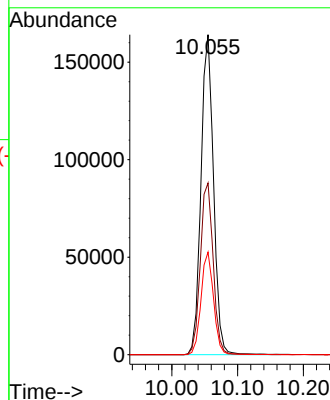
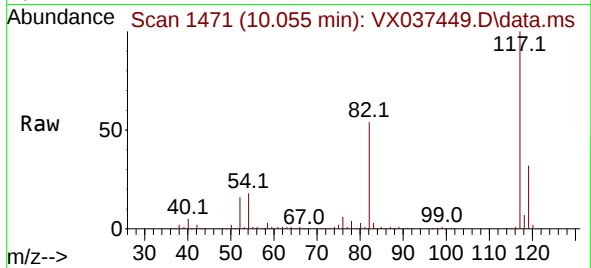




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037449.D
Acq: 31 Aug 2023 22:45

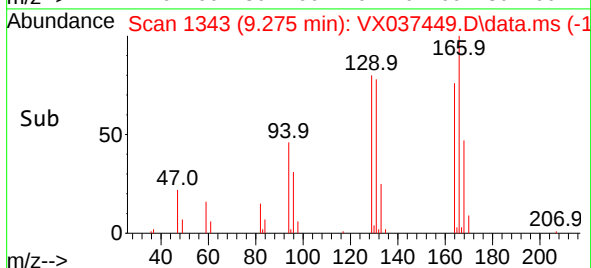
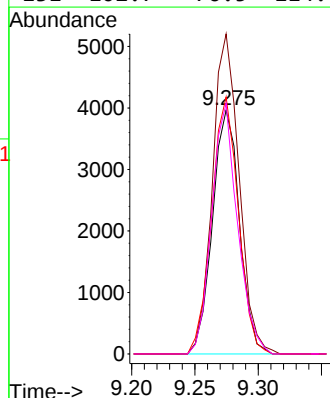
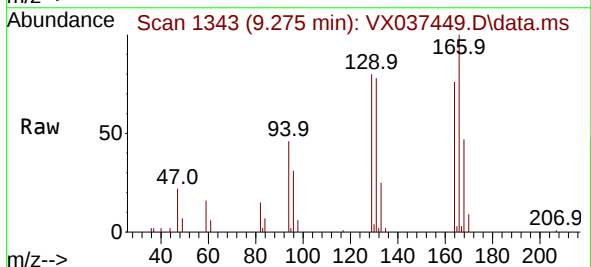
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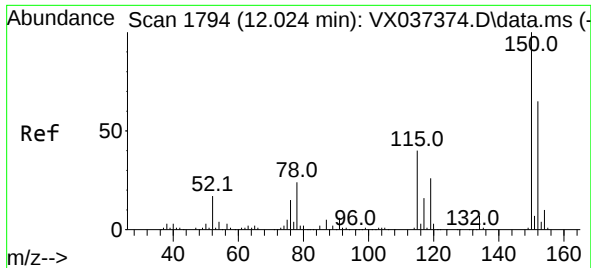
Tgt Ion:117 Resp: 217671
Ion Ratio Lower Upper
117 100
82 53.7 46.2 69.4
119 32.1 25.5 38.3



#64
Tetrachloroethene
Concen: 3.695 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX037449.D
Acq: 31 Aug 2023 22:45

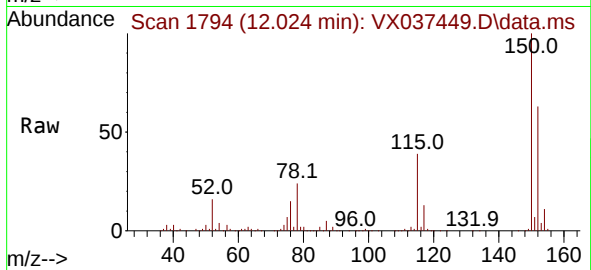
Tgt Ion:164 Resp: 5867
Ion Ratio Lower Upper
164 100
166 131.3 102.7 154.1
129 105.4 80.4 120.6
131 102.7 76.5 114.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX037449.D
 Acq: 31 Aug 2023 22:45

Instrument :
 MSVOA_X
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Tgt Ion:152 Resp: 94439
 Ion Ratio Lower Upper
 152 100
 115 63.6 43.3 129.9
 150 158.4 0.0 345.0

