

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090523\
 Data File : VX037507.D
 Acq On : 05 Sep 2023 13:06
 Operator : JC/MD
 Sample : 04269-04DL 40X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-11A-13.5-083123DL

Quant Time: Sep 06 02:53:17 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)

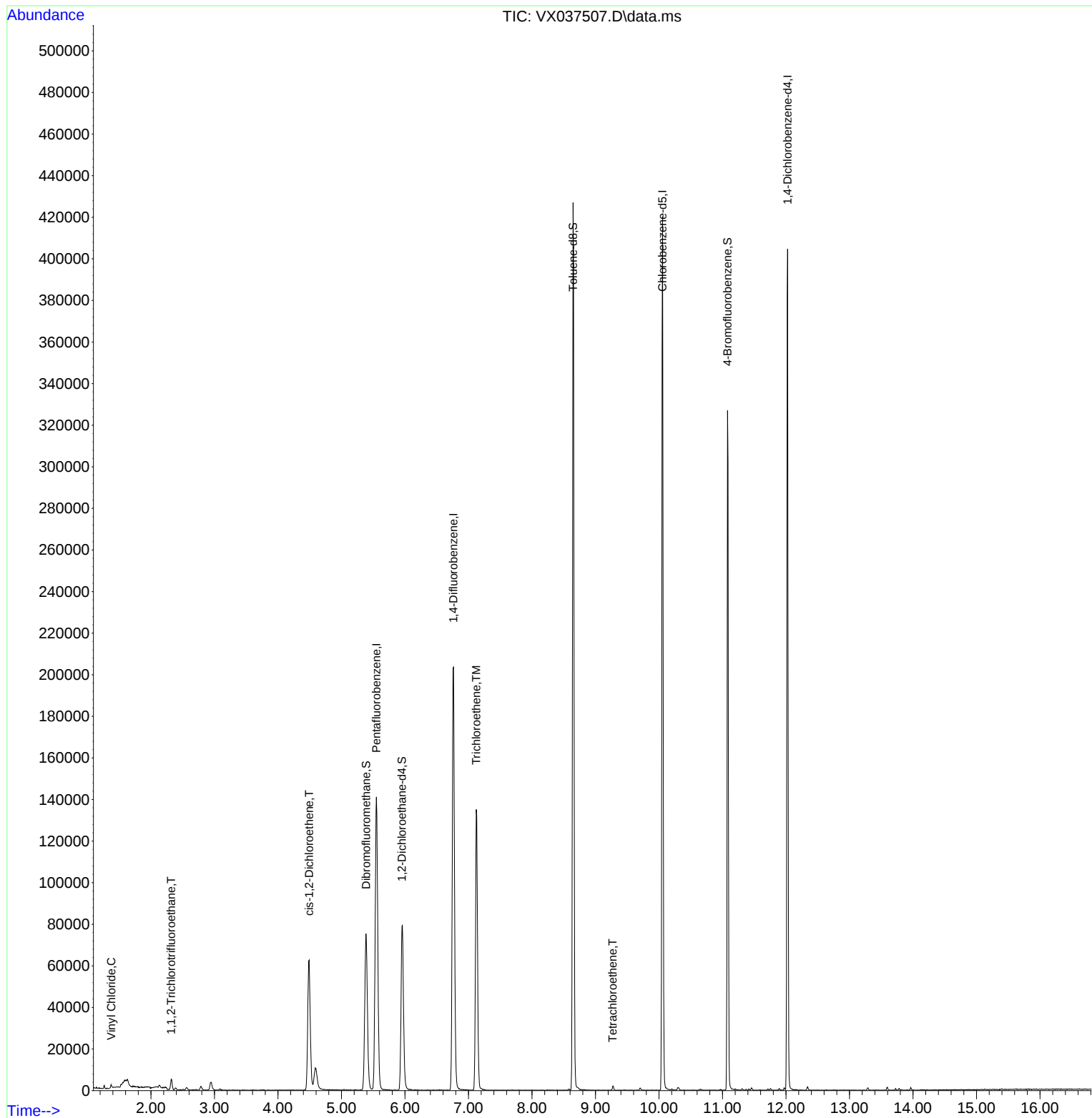
Internal Standards						
1) Pentafluorobenzene	5.550	168	135337	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	222726	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	200207	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	87285	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	79021	40.500	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	81.000%
35) Dibromofluoromethane	5.385	113	68694	46.570	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.140%
50) Toluene-d8	8.647	98	259958	48.585	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.160%
62) 4-Bromofluorobenzene	11.079	95	94006	44.707	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.420%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.374	62	1244	0.831	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.319	101	1943	1.358	ug/l	91
27) cis-1,2-Dichloroethene	4.489	96	43231	23.155	ug/l	78
44) Trichloroethene	7.123	130	55399	32.506	ug/l	98
64) Tetrachloroethene	9.269	164	344	0.236	ug/l #	74

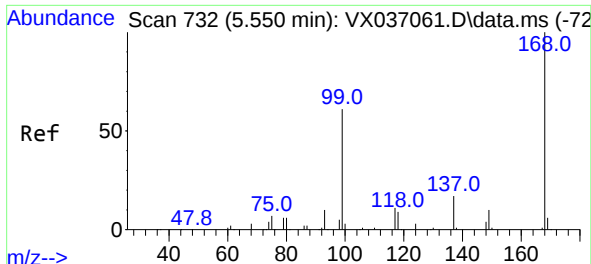
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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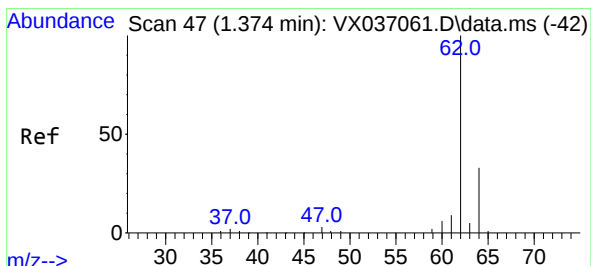
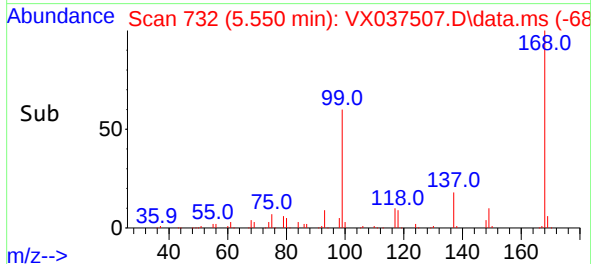
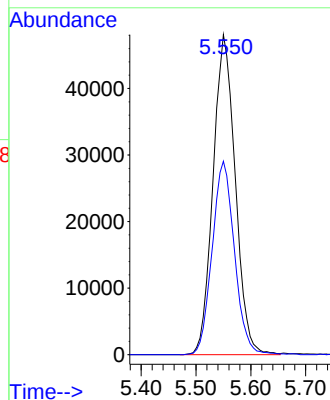
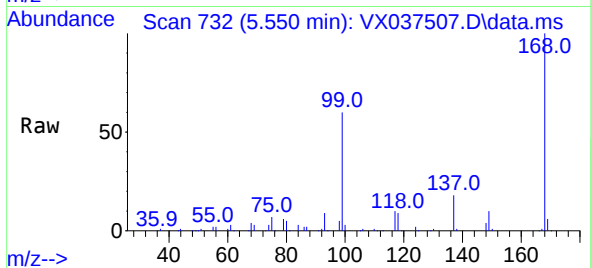




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037507.D
Acq: 05 Sep 2023 13:06

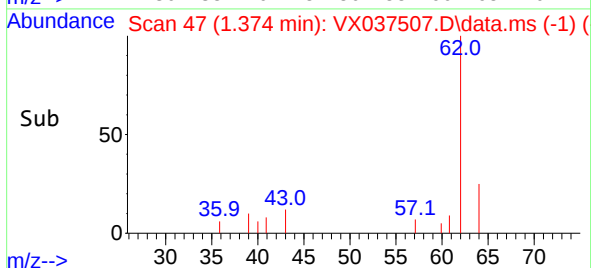
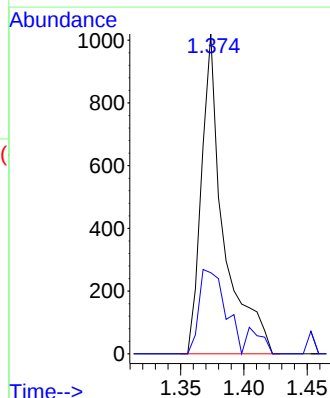
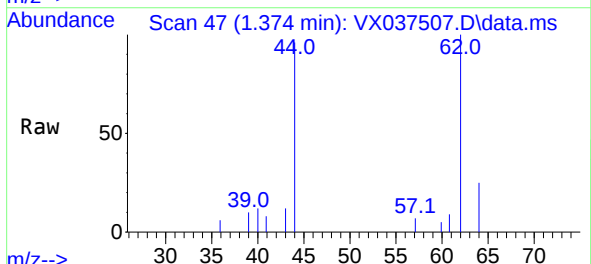
Instrument :
MSVOA_X
ClientSampleId :
MW-11A-13.5-083123DL

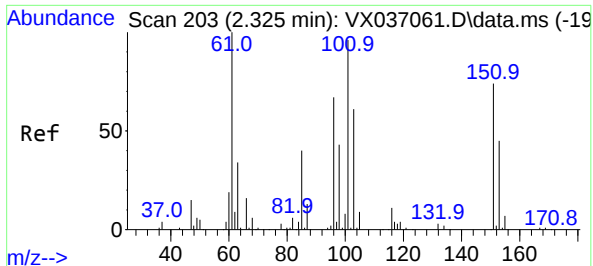
Tgt Ion:168 Resp: 135337
Ion Ratio Lower Upper
168 100
99 60.5 56.6 85.0



#4
Vinyl Chloride
Concen: 0.831 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX037507.D
Acq: 05 Sep 2023 13:06

Tgt Ion: 62 Resp: 1244
Ion Ratio Lower Upper
62 100
64 25.4 25.4 38.0

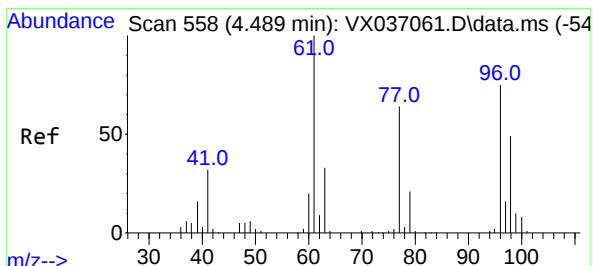
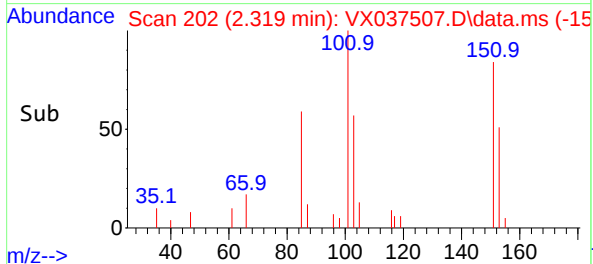
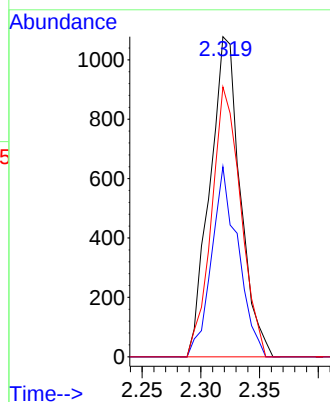
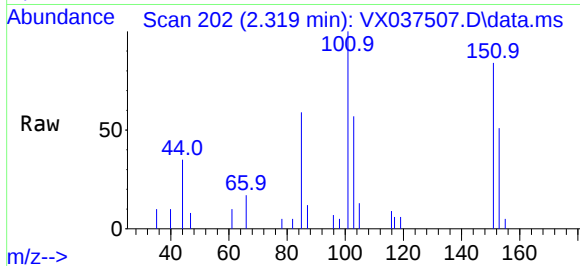




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.358 ug/l
RT: 2.319 min Scan# 20
Delta R.T. -0.006 min
Lab File: VX037507.D
Acq: 05 Sep 2023 13:06

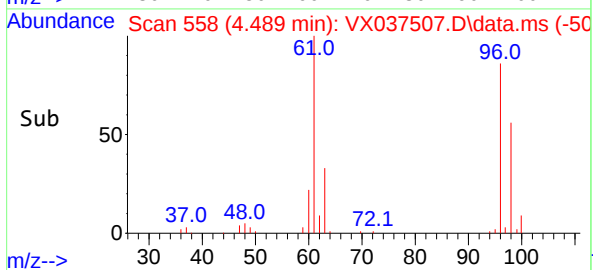
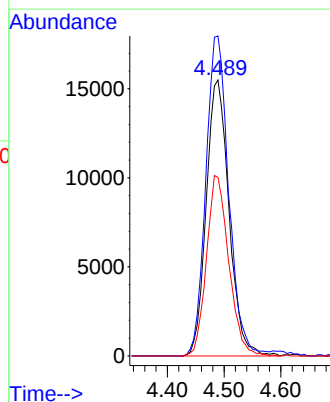
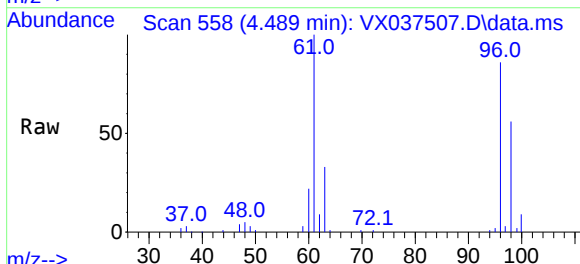
Instrument :
MSVOA_X
ClientSampleId :
MW-11A-13.5-083123DL

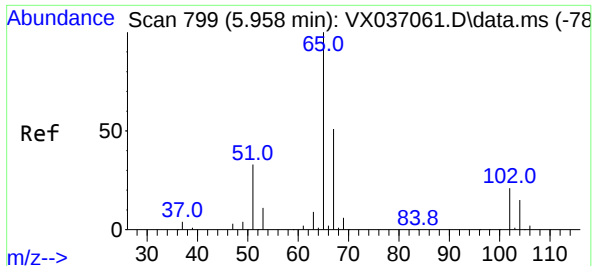
Tgt Ion:101 Resp: 1943
Ion Ratio Lower Upper
101 100
85 51.7 37.0 55.6
151 81.0 58.6 87.8



#27
cis-1,2-Dichloroethene
Concen: 23.155 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX037507.D
Acq: 05 Sep 2023 13:06

Tgt Ion: 96 Resp: 43231
Ion Ratio Lower Upper
96 100
61 116.6 0.0 312.2
98 63.9 0.0 129.0





#33

1,2-Dichloroethane-d4

Concen: 40.500 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX037507.D

Acq: 05 Sep 2023 13:06

Instrument :

MSVOA_X

ClientSampleId :

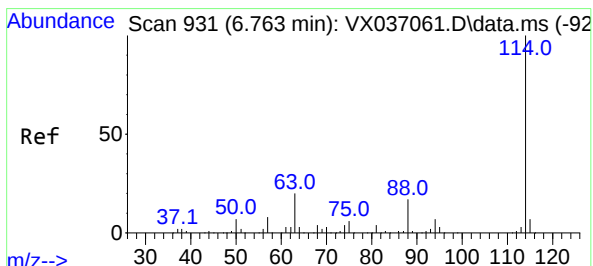
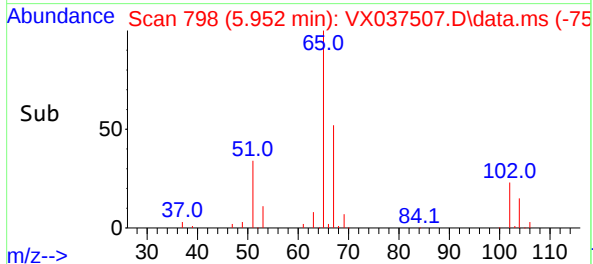
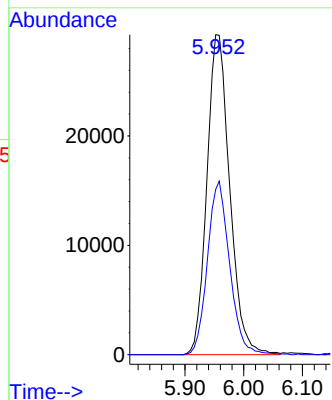
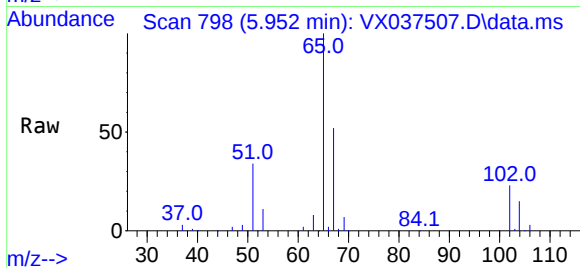
MW-11A-13.5-083123DL

Tgt Ion: 65 Resp: 79021

Ion Ratio Lower Upper

65 100

67 52.6 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: VX037507.D

Acq: 05 Sep 2023 13:06

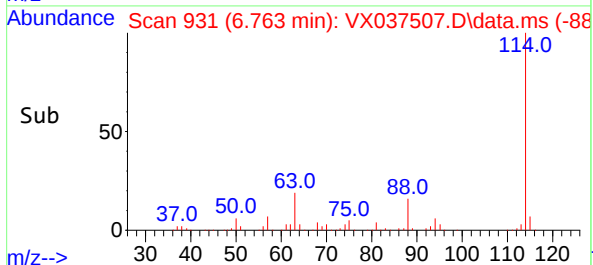
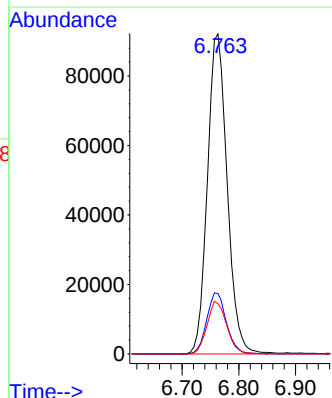
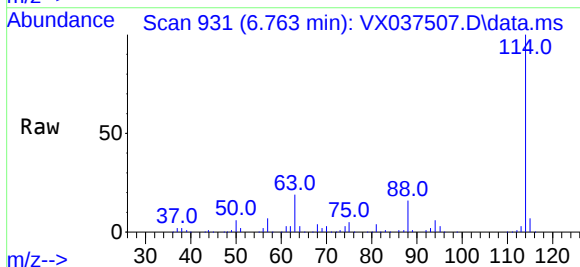
Tgt Ion:114 Resp: 222726

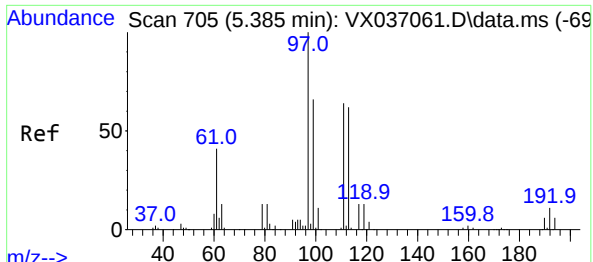
Ion Ratio Lower Upper

114 100

63 18.9 0.0 45.0

88 15.7 0.0 36.6

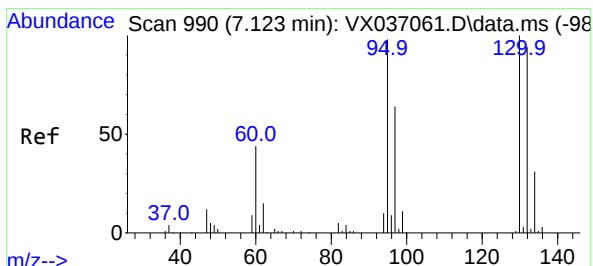
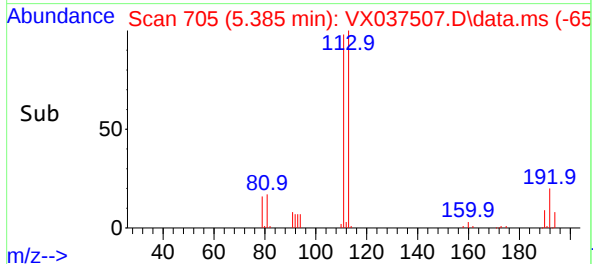
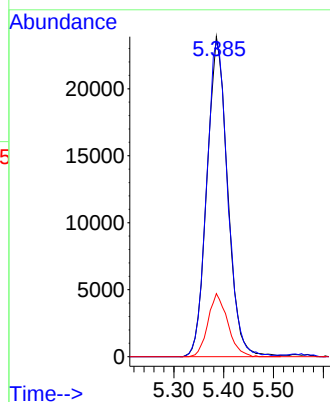
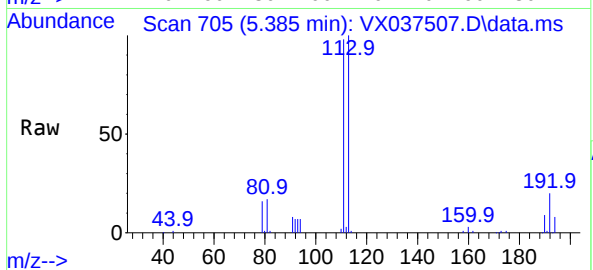




#35
Dibromofluoromethane
Concen: 46.570 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037507.D
Acq: 05 Sep 2023 13:06

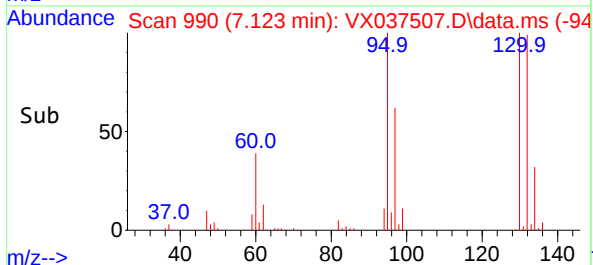
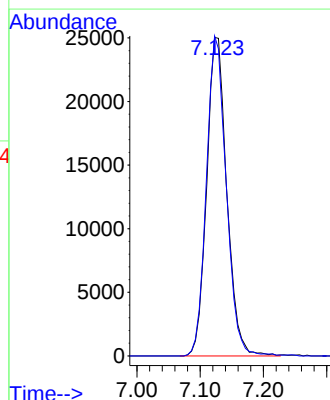
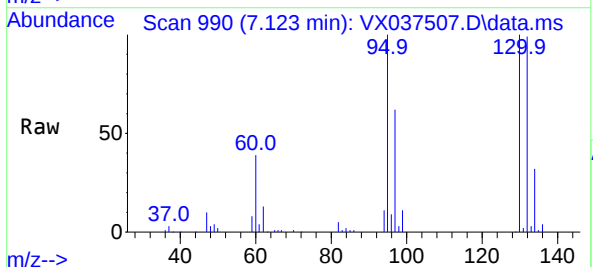
Instrument :
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ClientSampleId :
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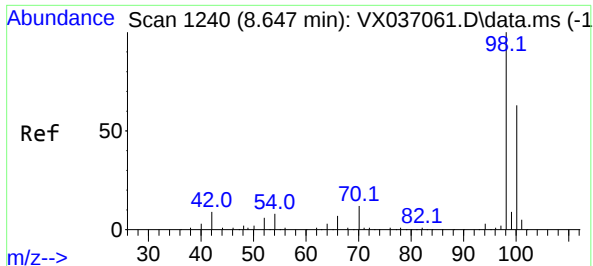
Tgt Ion:113 Resp: 68694
Ion Ratio Lower Upper
113 100
111 100.6 82.9 124.3
192 18.8 13.3 19.9



#44
Trichloroethene
Concen: 32.506 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX037507.D
Acq: 05 Sep 2023 13:06

Tgt Ion:130 Resp: 55399
Ion Ratio Lower Upper
130 100
95 100.4 0.0 204.4

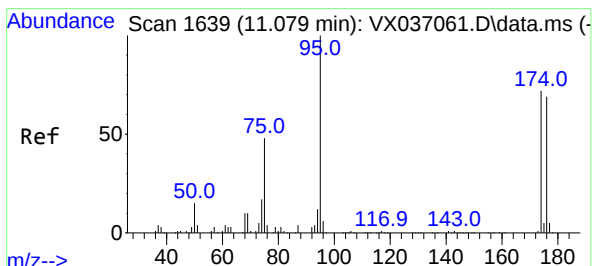
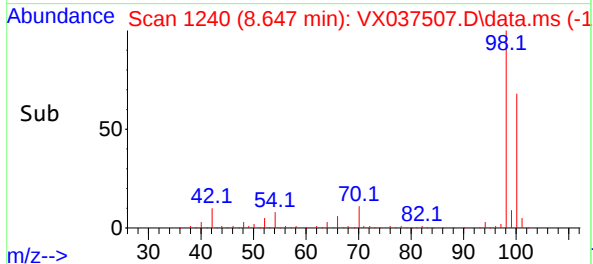
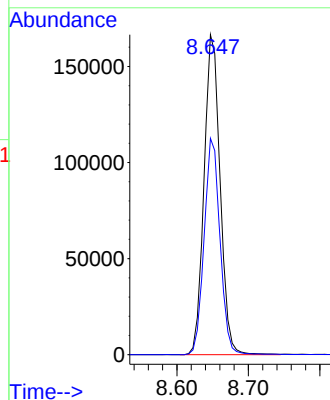
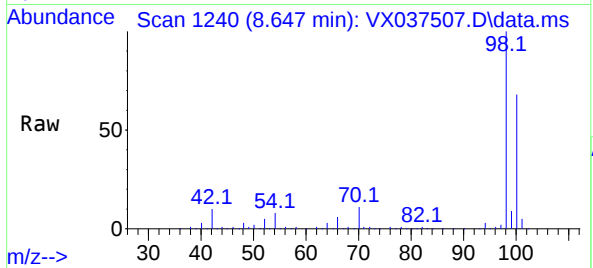




#50
Toluene-d8
Concen: 48.585 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037507.D
Acq: 05 Sep 2023 13:06

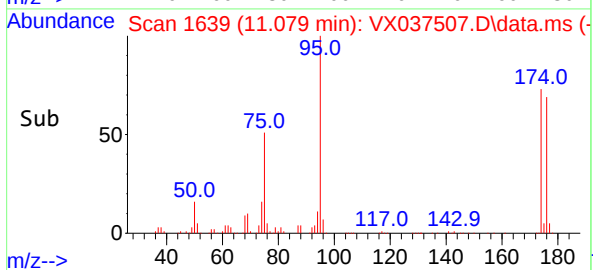
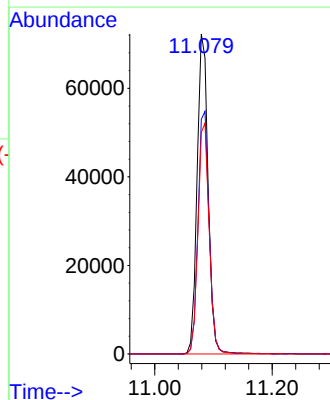
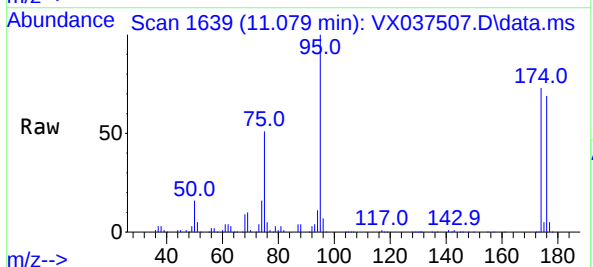
Instrument : MSVOA_X
ClientSampleId : MW-11A-13.5-083123DL

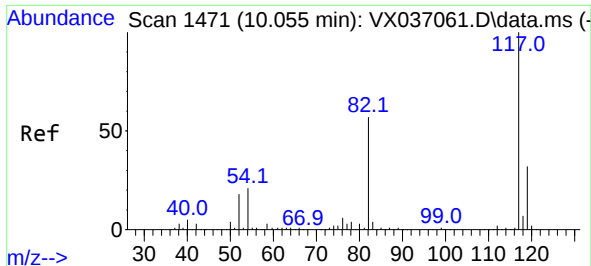
Tgt Ion: 98 Resp: 259958
Ion Ratio Lower Upper
98 100
100 66.7 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 44.707 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037507.D
Acq: 05 Sep 2023 13:06

Tgt Ion: 95 Resp: 94006
Ion Ratio Lower Upper
95 100
174 76.5 0.0 135.6
176 73.1 0.0 131.0

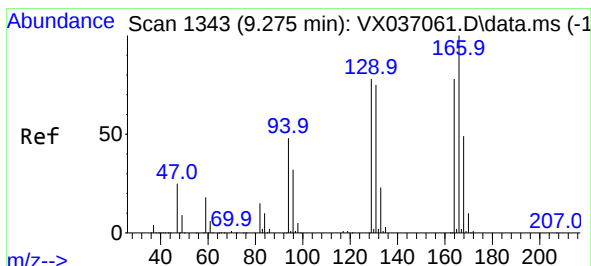
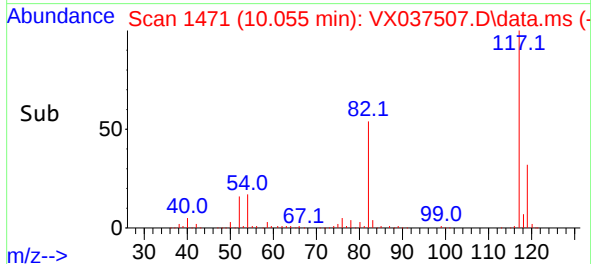
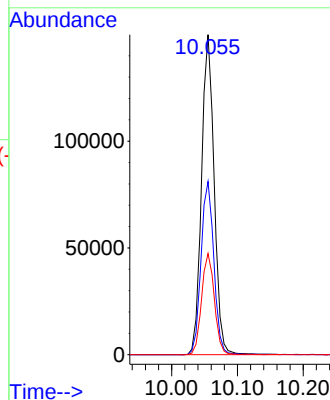
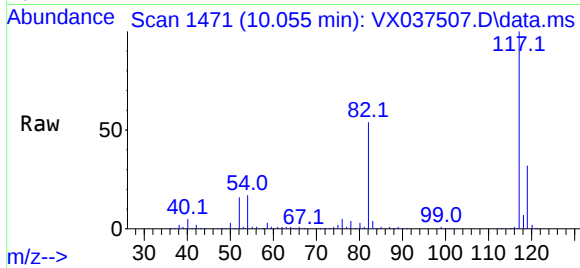




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037507.D
Acq: 05 Sep 2023 13:06

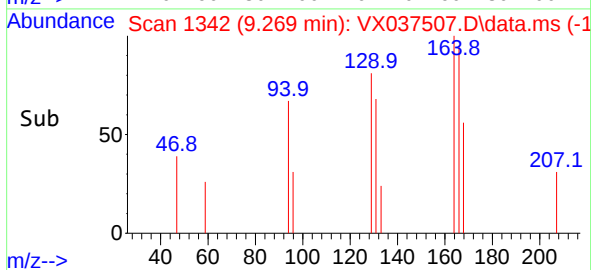
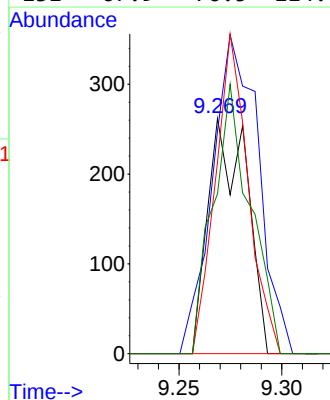
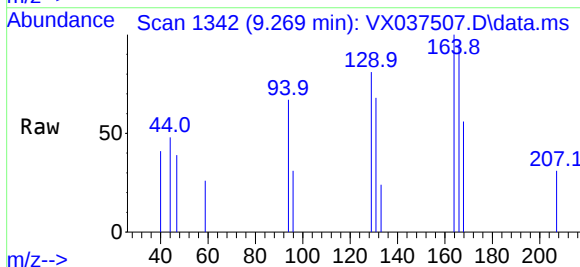
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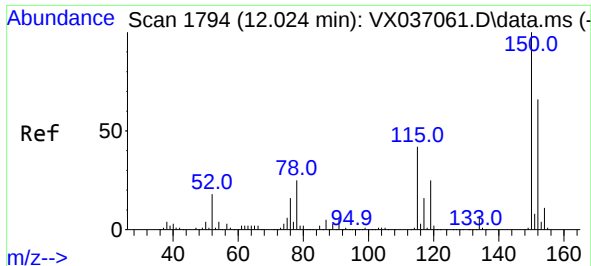
Tgt Ion:	117	Resp:	200207
Ion	Ratio	Lower	Upper
117	100		
82	54.1	46.2	69.4
119	31.6	25.5	38.3



#64
Tetrachloroethene
Concen: 0.236 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX037507.D
Acq: 05 Sep 2023 13:06

Tgt Ion:	164	Resp:	344
Ion	Ratio	Lower	Upper
164	100		
166	94.7	102.7	154.1#
129	81.3	80.4	120.6
131	67.9	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: VX037507.D

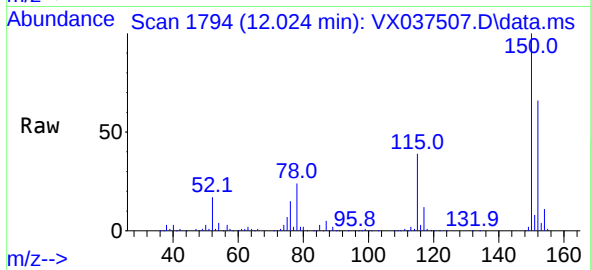
Acq: 05 Sep 2023 13:06

Instrument :

MSVOA_X

ClientSampleId :

MW-11A-13.5-083123DL



Tgt Ion:152 Resp: 87285

Ion Ratio Lower Upper

152 100

115 63.1 43.3 129.9

150 156.3 0.0 345.0

