

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090223\
 Data File : VX037484.D
 Acq On : 02 Sep 2023 15:40
 Operator : JC/MD
 Sample : 04252-01DL 400X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-06-9.1-083023DL

Quant Time: Sep 04 04:28:54 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)

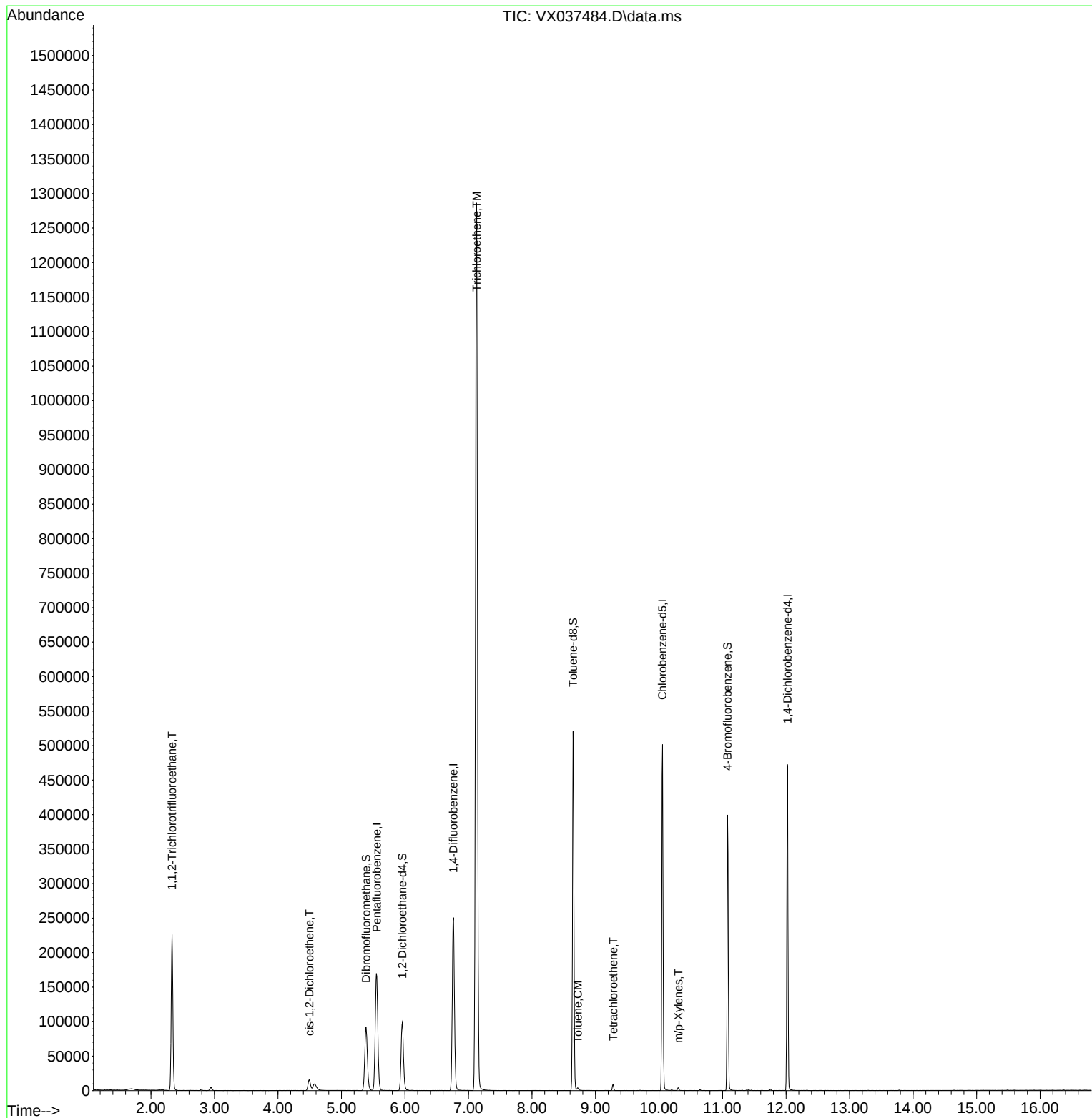
Internal Standards						
1) Pentafluorobenzene	5.556	168	162410	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	272436	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	238993	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	103990	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	97391	41.595	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	83.180%
35) Dibromofluoromethane	5.385	113	81816	45.346	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.700%
50) Toluene-d8	8.647	98	314184	48.005	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.020%
62) 4-Bromofluorobenzene	11.079	95	112815	43.862	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.720%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.331	101	89583	52.180	ug/l	96
27) cis-1,2-Dichloroethene	4.495	96	11414	5.094	ug/l	80
44) Trichloroethene	7.129	130	529750	254.120	ug/l	92
52) Toluene	8.720	92	1496	0.308	ug/l	88
64) Tetrachloroethene	9.281	164	1693	0.971	ug/l	93
68) m/p-Xylenes	10.305	106	1102	0.321	ug/l	90

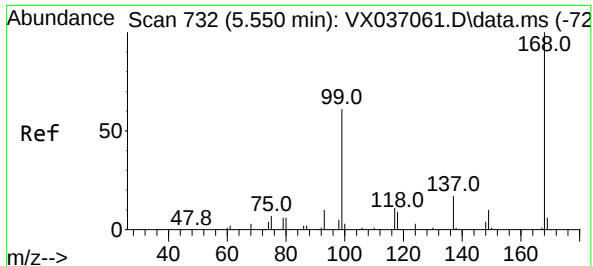
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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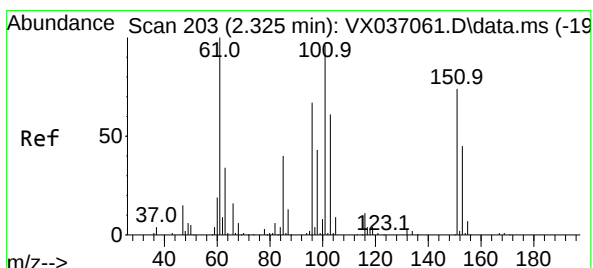
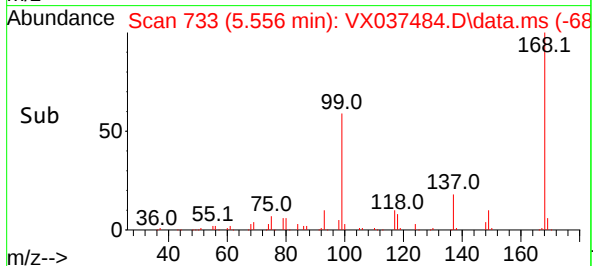
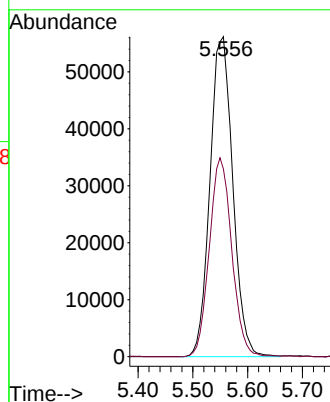
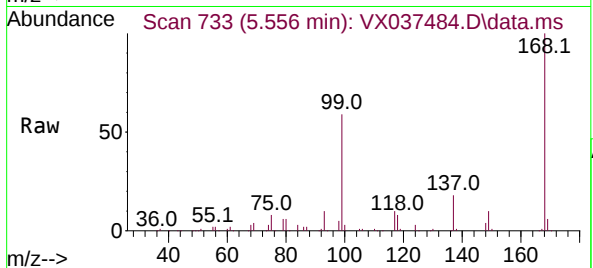




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037484.D
Acq: 02 Sep 2023 15:40

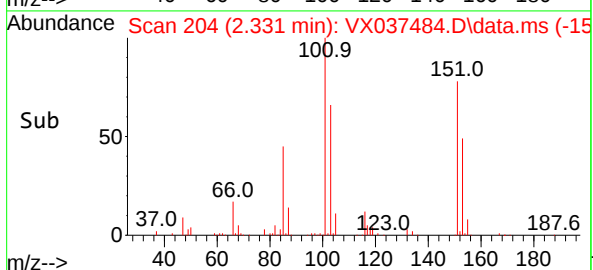
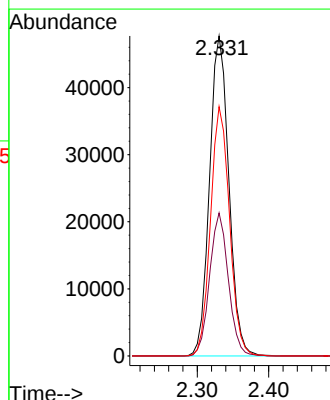
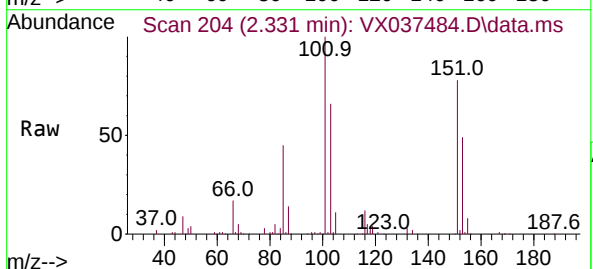
Instrument :
MSVOA_X
ClientSampleId :
MW-06-9.1-083023DL

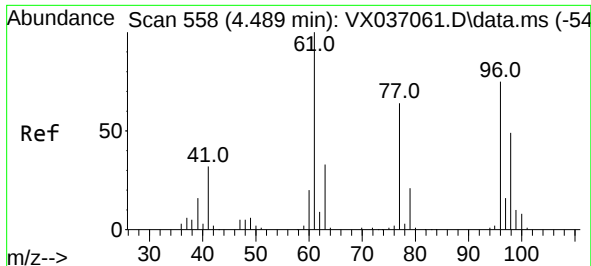
Tgt Ion:168 Resp: 162410
Ion Ratio Lower Upper
168 100
99 58.6 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.180 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX037484.D
Acq: 02 Sep 2023 15:40

Tgt Ion:101 Resp: 89583
Ion Ratio Lower Upper
101 100
85 43.3 37.0 55.6
151 76.6 58.6 87.8





#27

cis-1,2-Dichloroethene

Concen: 5.094 ug/l

RT: 4.495 min Scan# 511

Delta R.T. 0.006 min

Lab File: VX037484.D

Acq: 02 Sep 2023 15:40

Instrument :

MSVOA_X

ClientSampleId :

MW-06-9.1-083023DL

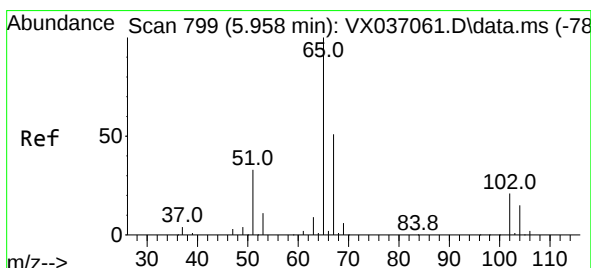
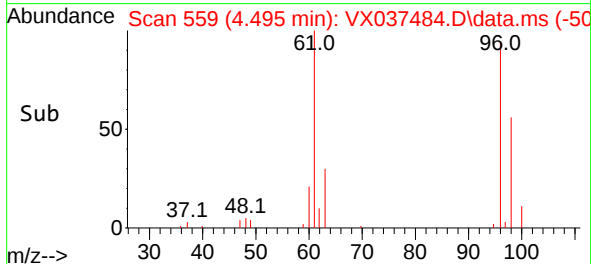
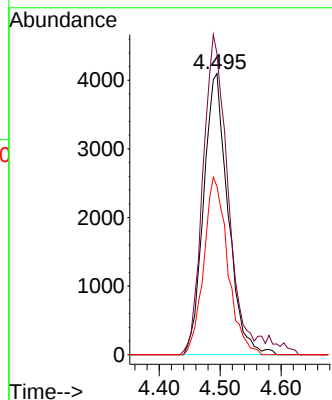
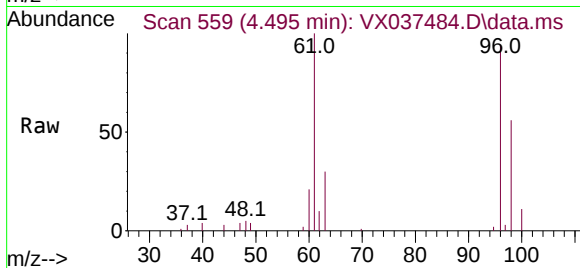
Tgt Ion: 96 Resp: 11414

Ion Ratio Lower Upper

96 100

61 121.0 0.0 312.2

98 61.8 0.0 129.0



#33

1,2-Dichloroethane-d4

Concen: 41.595 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX037484.D

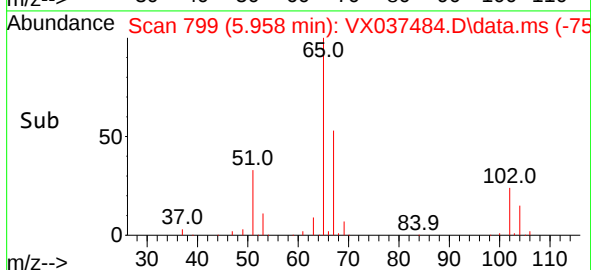
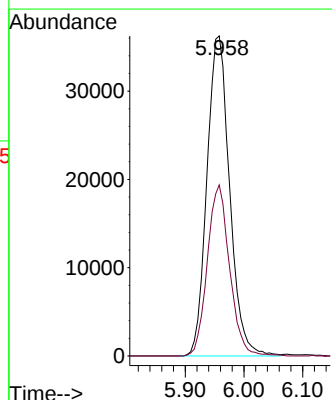
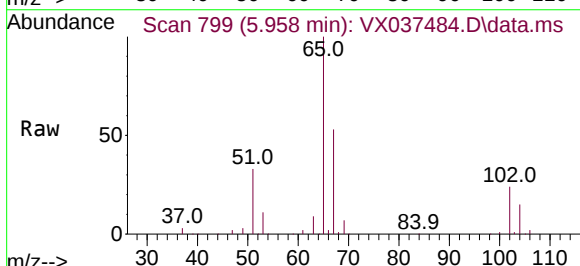
Acq: 02 Sep 2023 15:40

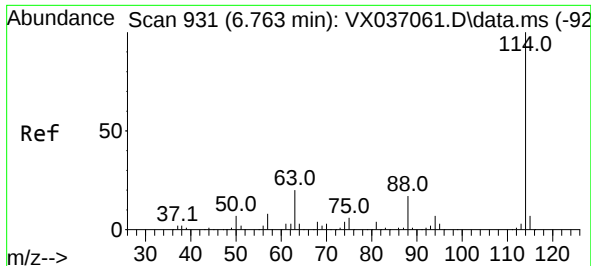
Tgt Ion: 65 Resp: 97391

Ion Ratio Lower Upper

65 100

67 52.3 0.0 100.2

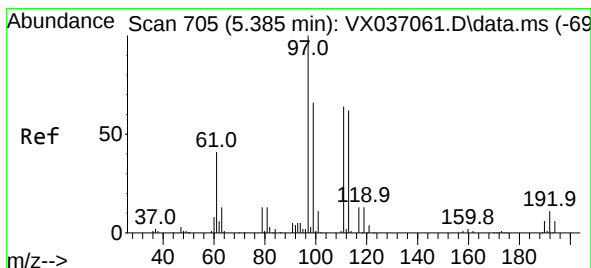
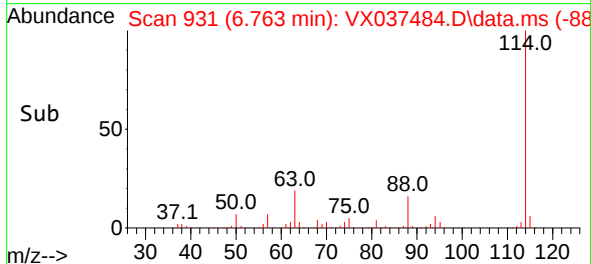
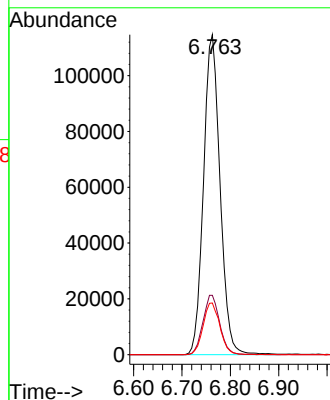
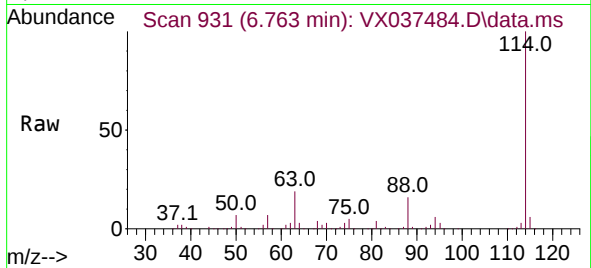




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX037484.D
Acq: 02 Sep 2023 15:40

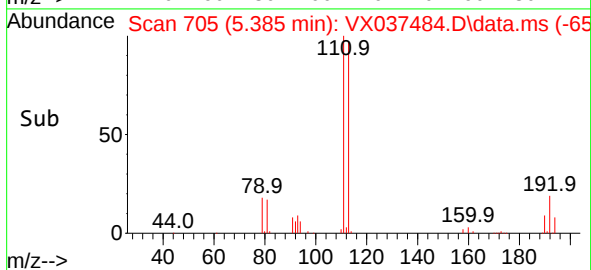
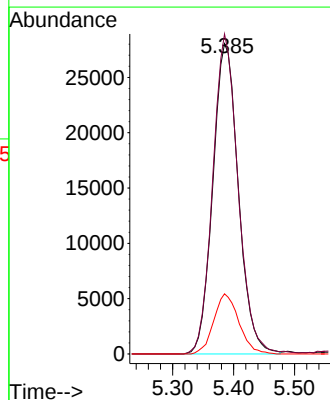
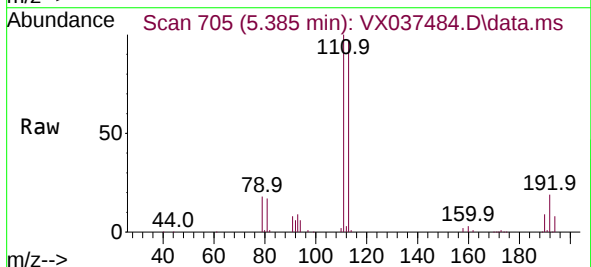
Instrument :
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ClientSampleId :
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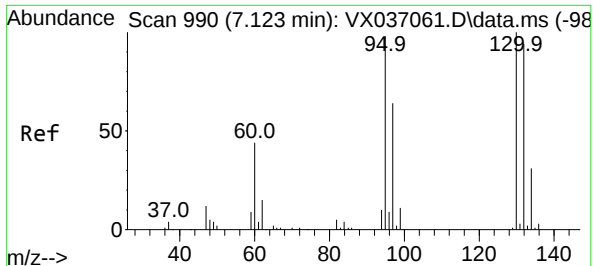
Tgt Ion:114 Resp: 272436
Ion Ratio Lower Upper
114 100
63 18.6 0.0 45.0
88 16.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.346 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037484.D
Acq: 02 Sep 2023 15:40

Tgt Ion:113 Resp: 81816
Ion Ratio Lower Upper
113 100
111 102.3 82.9 124.3
192 19.0 13.3 19.9

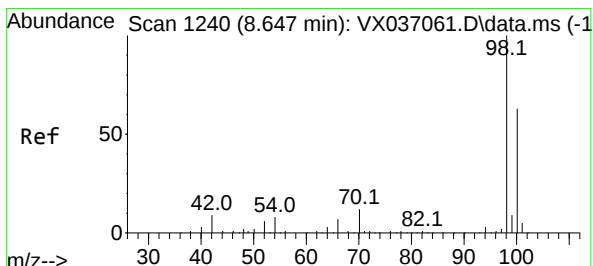
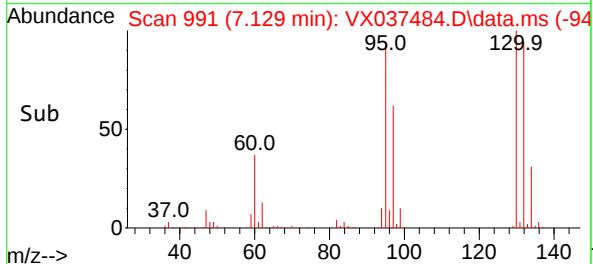
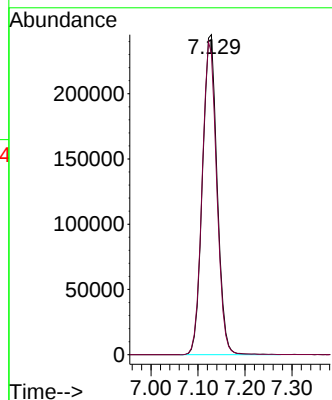
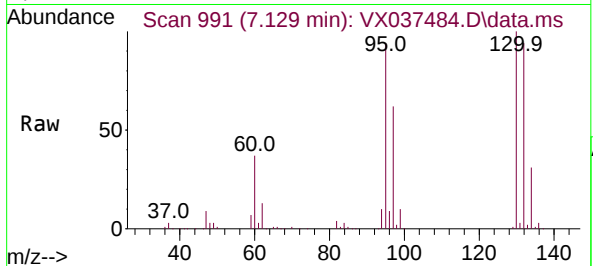




#44
Trichloroethene
Concen: 254.120 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX037484.D
Acq: 02 Sep 2023 15:40

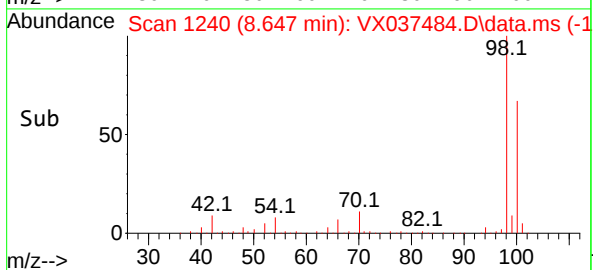
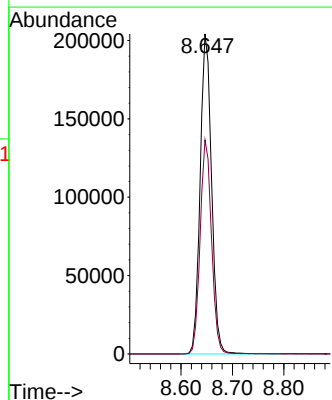
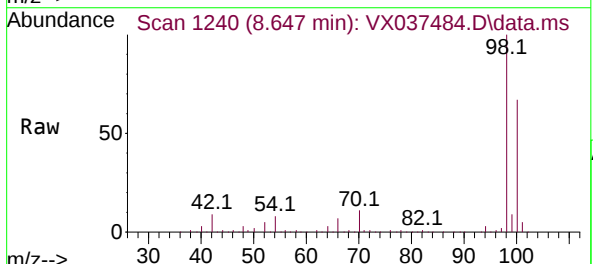
Instrument :
MSVOA_X
ClientSampleId :
MW-06-9.1-083023DL

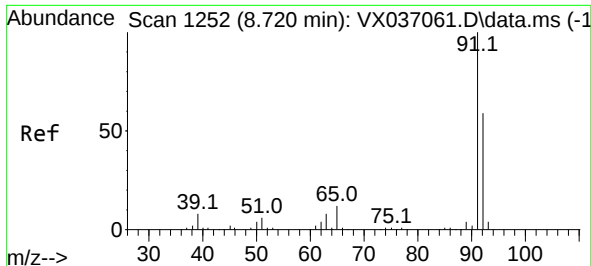
Tgt Ion:130 Resp: 529750
Ion Ratio Lower Upper
130 100
95 94.2 0.0 204.4



#50
Toluene-d8
Concen: 48.005 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX037484.D
Acq: 02 Sep 2023 15:40

Tgt Ion: 98 Resp: 314184
Ion Ratio Lower Upper
98 100
100 66.8 53.1 79.7

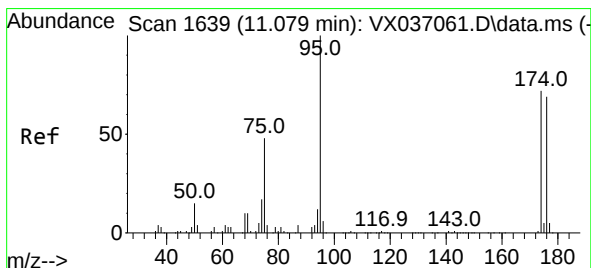
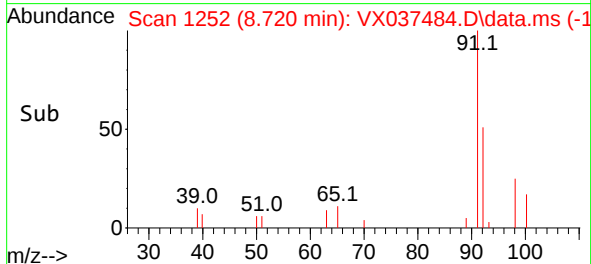
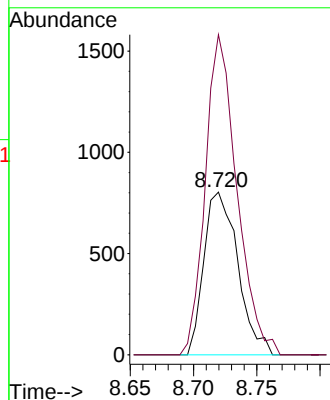
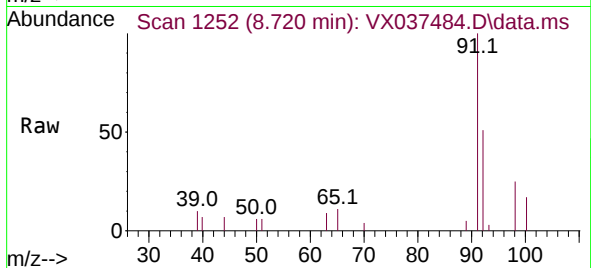




#52
Toluene
Concen: 0.308 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037484.D
Acq: 02 Sep 2023 15:40

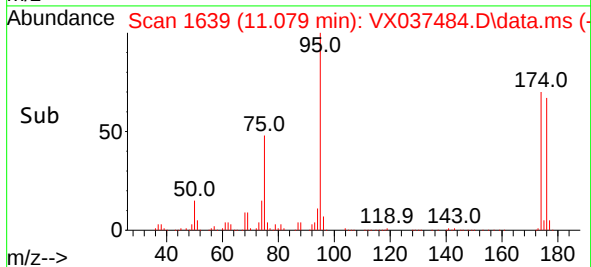
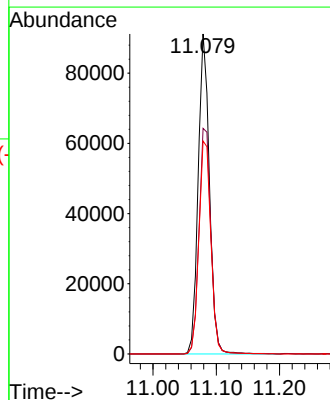
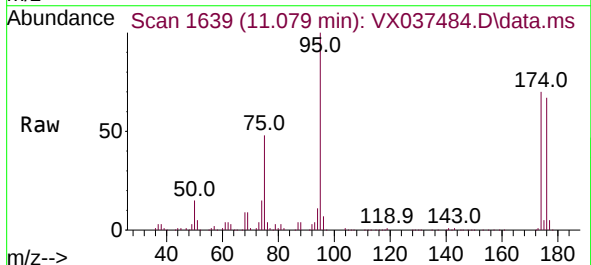
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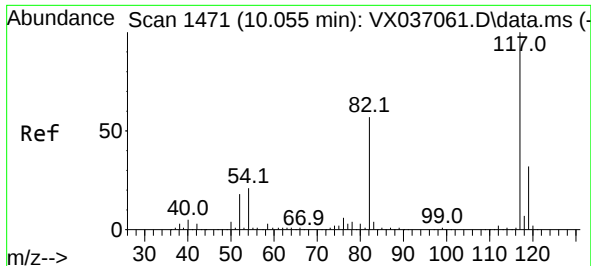
Tgt Ion: 92 Resp: 1496
Ion Ratio Lower Upper
92 100
91 184.0 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 43.862 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037484.D
Acq: 02 Sep 2023 15:40

Tgt Ion: 95 Resp: 112815
Ion Ratio Lower Upper
95 100
174 74.8 0.0 135.6
176 71.2 0.0 131.0

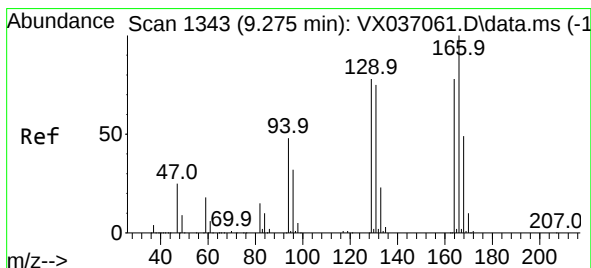
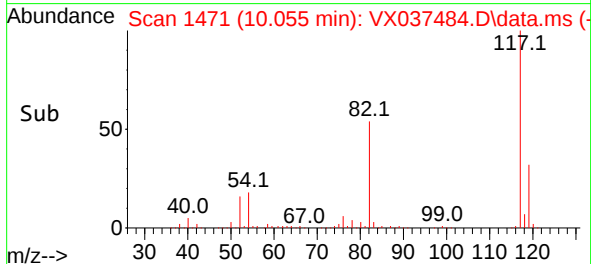
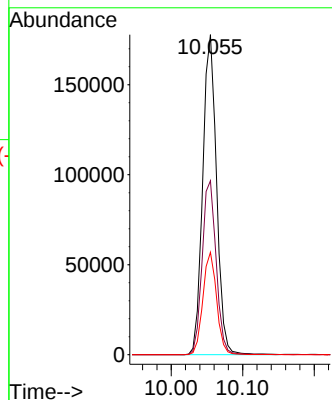
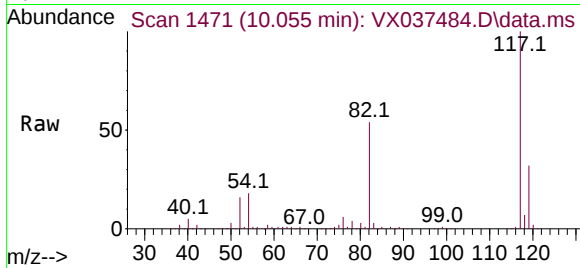




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037484.D
Acq: 02 Sep 2023 15:40

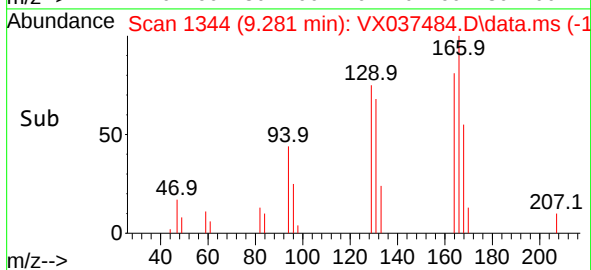
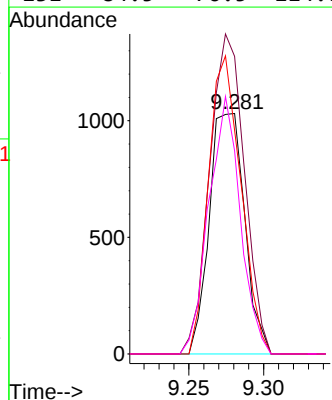
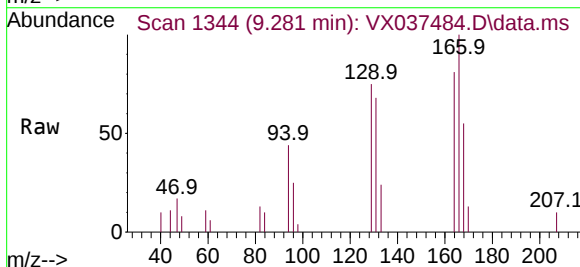
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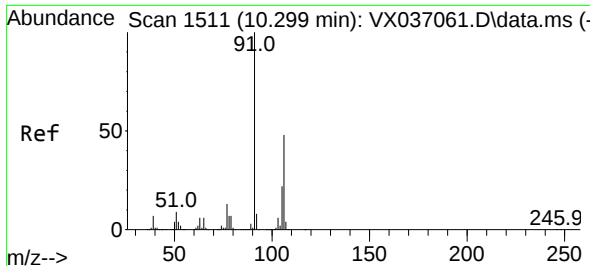
Tgt Ion:117 Resp: 238993
Ion Ratio Lower Upper
117 100
82 54.4 46.2 69.4
119 32.0 25.5 38.3



#64
Tetrachloroethene
Concen: 0.971 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX037484.D
Acq: 02 Sep 2023 15:40

Tgt Ion:164 Resp: 1693
Ion Ratio Lower Upper
164 100
166 123.8 102.7 154.1
129 93.0 80.4 120.6
131 84.5 76.5 114.7

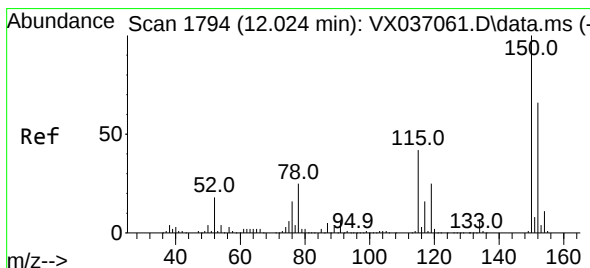
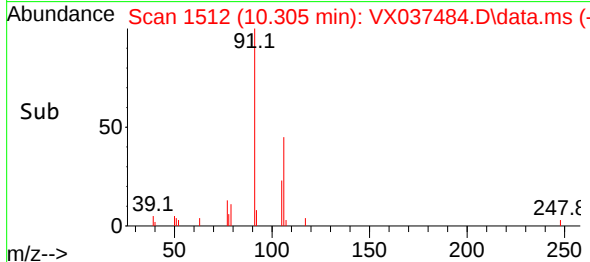
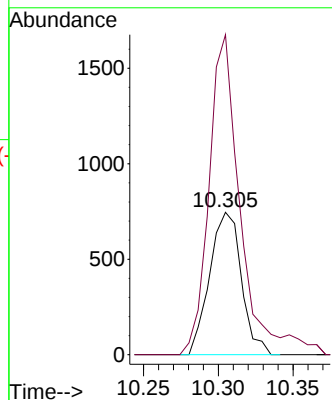
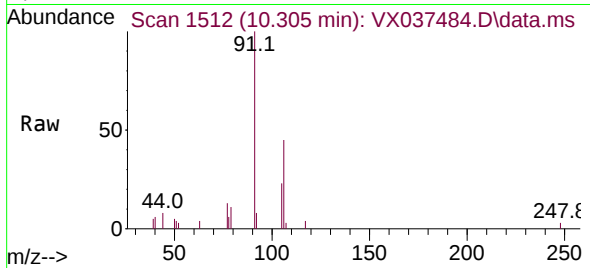




#68
m/p-Xylenes
Concen: 0.321 ug/l
RT: 10.305 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VX037484.D
Acq: 02 Sep 2023 15:40

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ClientSampleId :
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Tgt Ion:106 Resp: 1102
Ion Ratio Lower Upper
106 100
91 222.1 165.5 248.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037484.D
Acq: 02 Sep 2023 15:40

Tgt Ion:152 Resp: 103990
Ion Ratio Lower Upper
152 100
115 61.9 43.3 129.9
150 157.7 0.0 345.0

