

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102023\
 Data File : VX038401.D
 Acq On : 20 Oct 2023 14:43
 Operator : JC/MD
 Sample : 04985-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GW-21-37-40

Quant Time: Oct 21 01:40:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

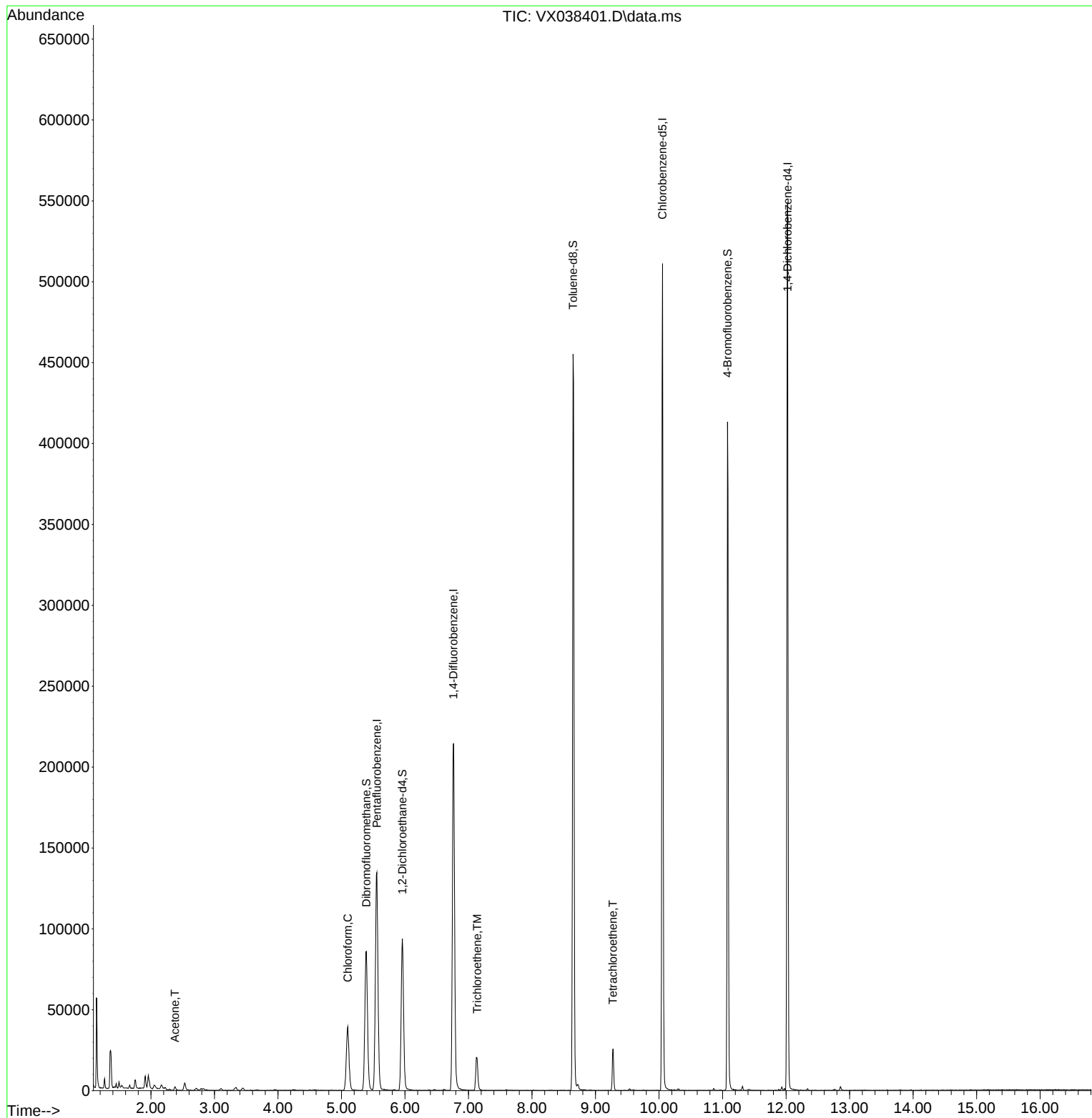
Internal Standards						
1) Pentafluorobenzene	5.556	168	125814	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	224245	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	226752	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	116266	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	89581	44.267	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.540%
35) Dibromofluoromethane	5.391	113	73367	45.405	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.820%
50) Toluene-d8	8.647	98	279869	45.327	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.660%#
62) 4-Bromofluorobenzene	11.079	95	104897	44.812	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.620%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	2166	2.565	ug/l	# 76
30) Chloroform	5.099	83	44452	15.523	ug/l	99
44) Trichloroethene	7.135	130	8360	5.129	ug/l	81
64) Tetrachloroethene	9.275	164	4219	2.874	ug/l	91

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

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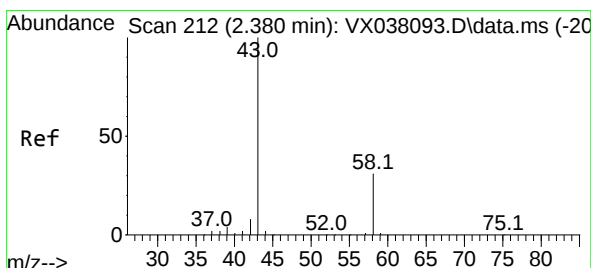
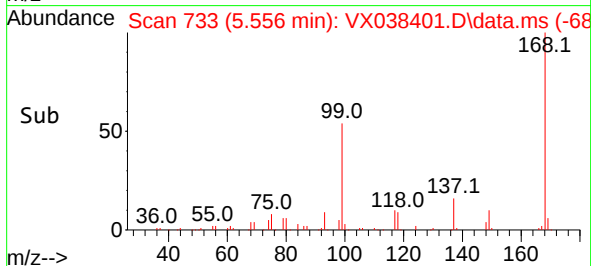
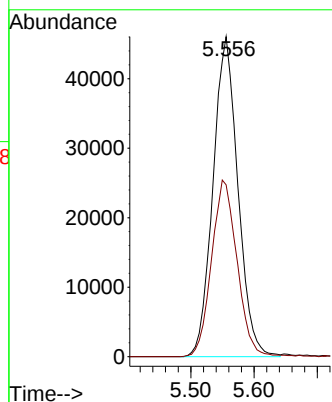
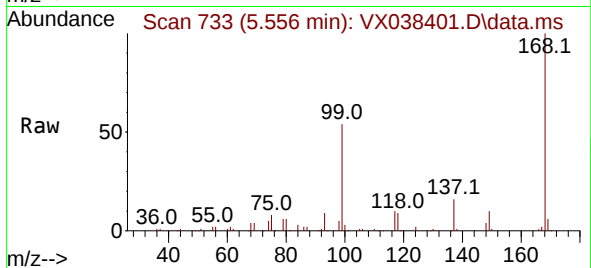




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX038401.D
Acq: 20 Oct 2023 14:43

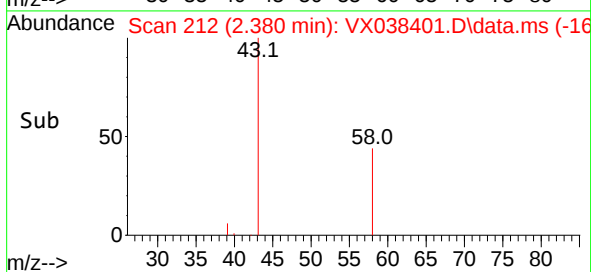
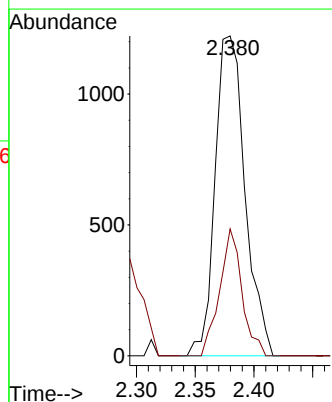
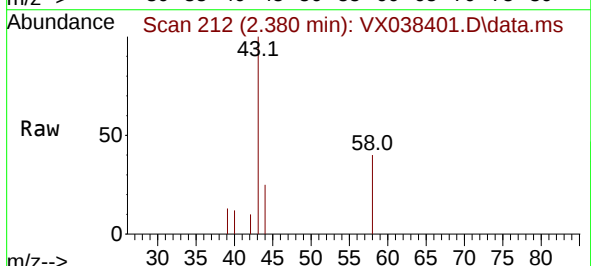
Instrument :
MSVOA_X
ClientSampleId :
GW-21-37-40

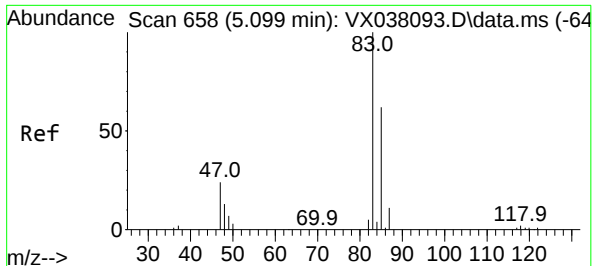
Tgt Ion:168 Resp: 125814
Ion Ratio Lower Upper
168 100
99 53.7 56.6 85.0#



#16
Acetone
Concen: 2.565 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038401.D
Acq: 20 Oct 2023 14:43

Tgt Ion: 43 Resp: 2166
Ion Ratio Lower Upper
43 100
58 39.7 21.9 32.9#





#30

Chloroform

Concen: 15.523 ug/l

RT: 5.099 min Scan# 658

Delta R.T. 0.006 min

Lab File: VX038401.D

Acq: 20 Oct 2023 14:43

Instrument :

MSVOA_X

ClientSampleId :

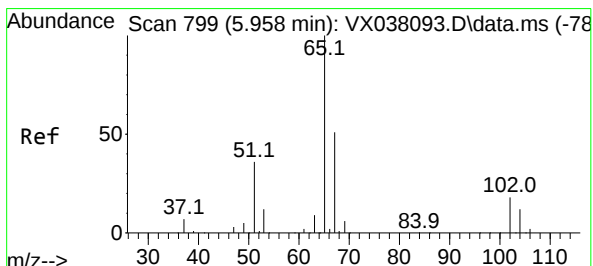
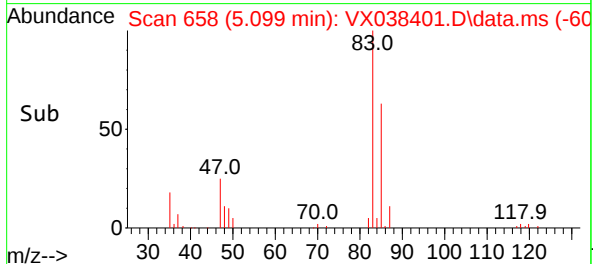
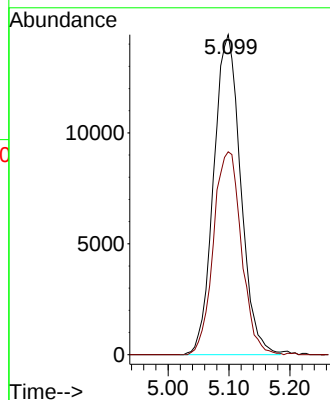
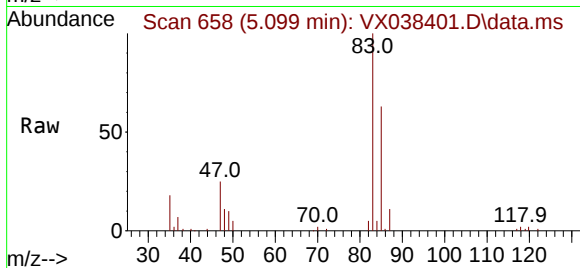
GW-21-37-40

Tgt Ion: 83 Resp: 44452

Ion Ratio Lower Upper

83 100

85 63.4 50.3 75.5



#33

1,2-Dichloroethane-d4

Concen: 44.267 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038401.D

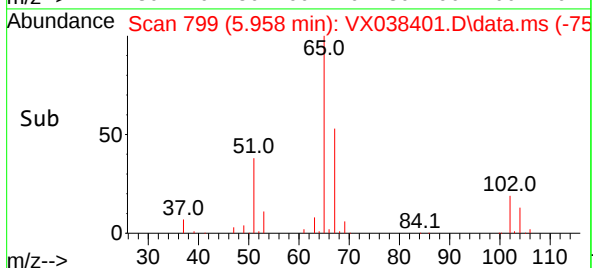
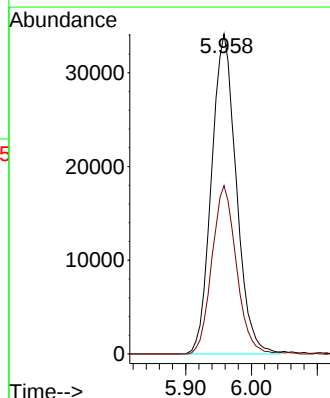
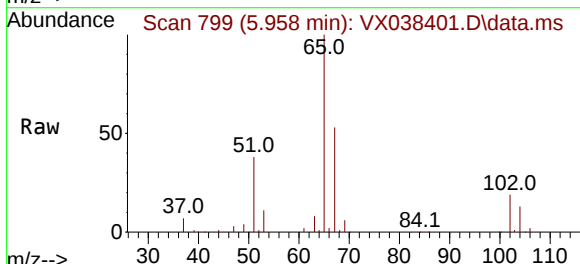
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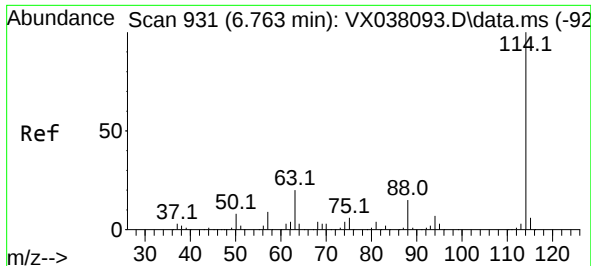
Tgt Ion: 65 Resp: 89581

Ion Ratio Lower Upper

65 100

67 52.0 0.0 100.2

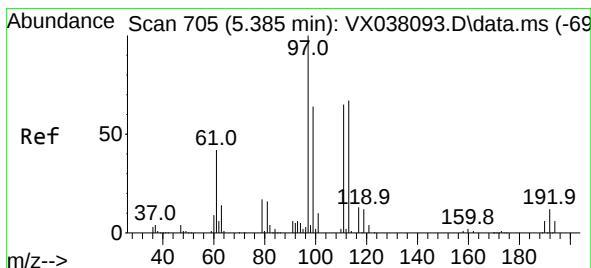
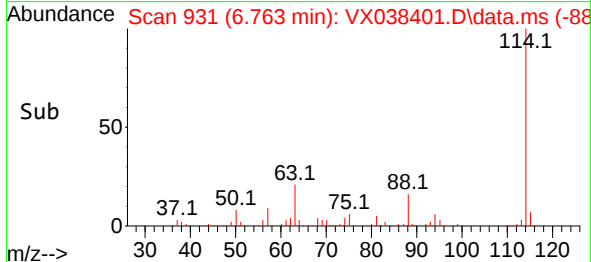
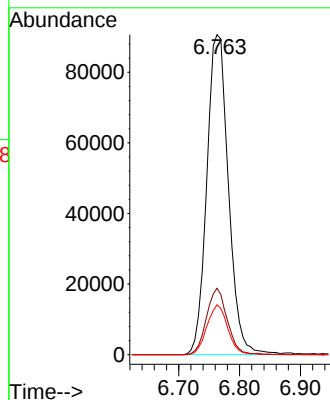
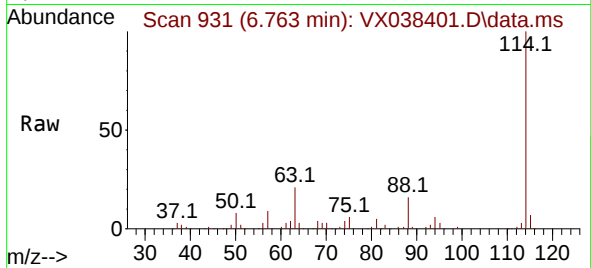




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038401.D
Acq: 20 Oct 2023 14:43

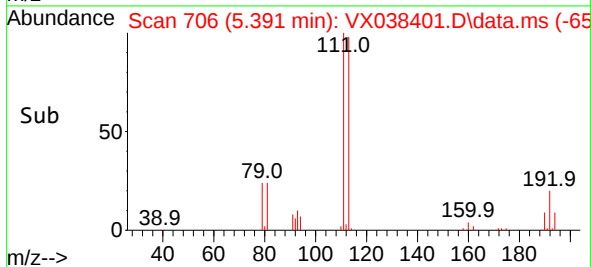
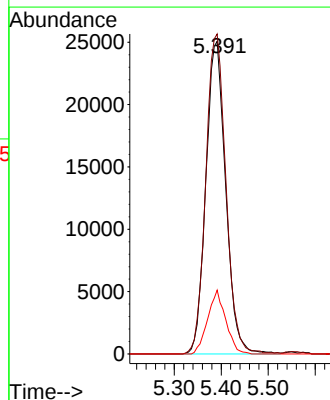
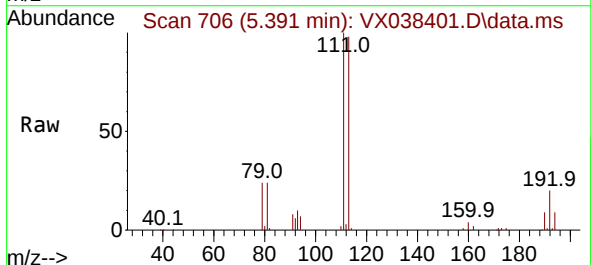
Instrument :
MSVOA_X
ClientSampleId :
GW-21-37-40

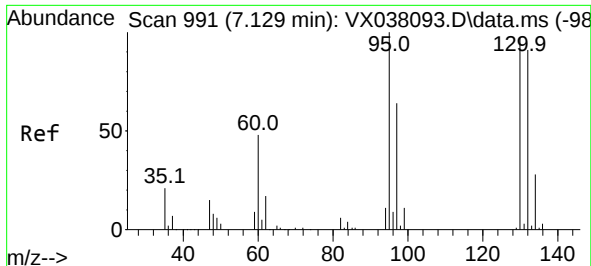
Tgt Ion:114 Resp: 224245
Ion Ratio Lower Upper
114 100
63 20.7 0.0 45.0
88 15.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.405 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX038401.D
Acq: 20 Oct 2023 14:43

Tgt Ion:113 Resp: 73367
Ion Ratio Lower Upper
113 100
111 103.6 82.9 124.3
192 18.6 13.3 19.9

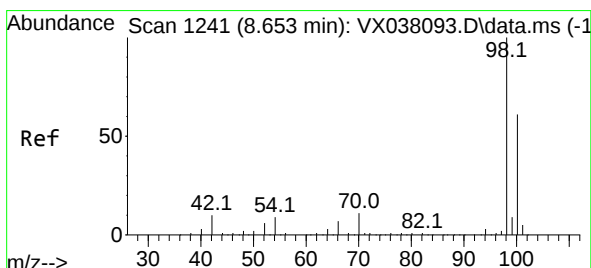
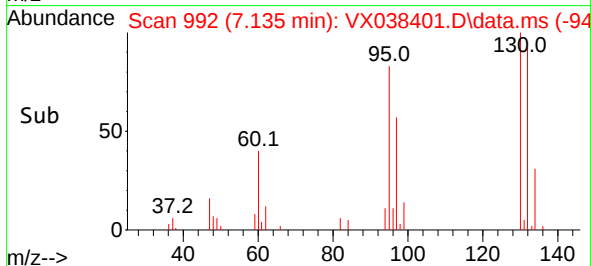
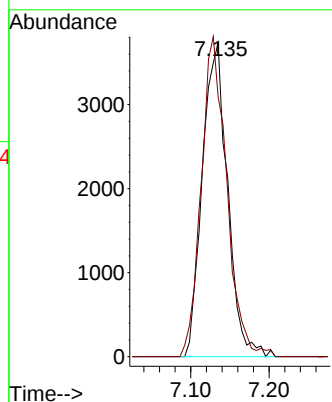
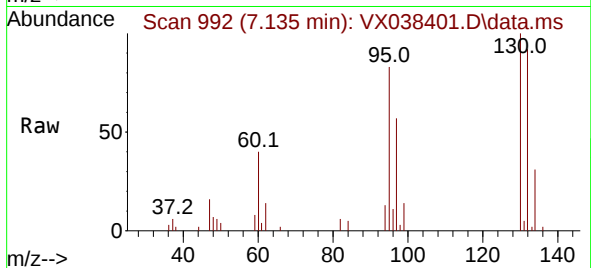




#44
Trichloroethene
Concen: 5.129 ug/l
RT: 7.135 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX038401.D
Acq: 20 Oct 2023 14:43

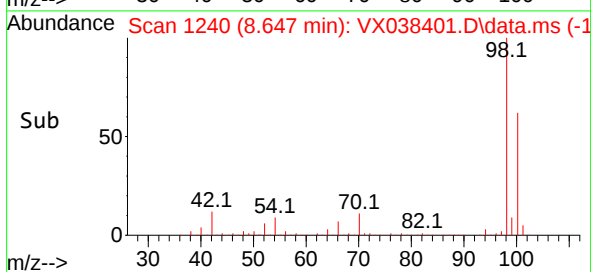
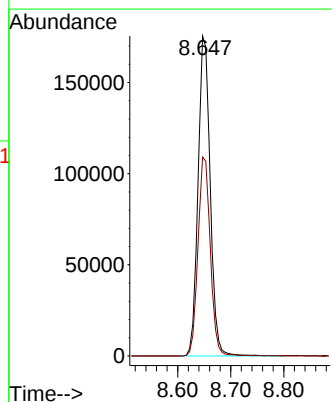
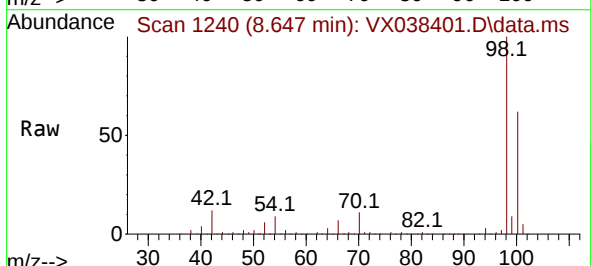
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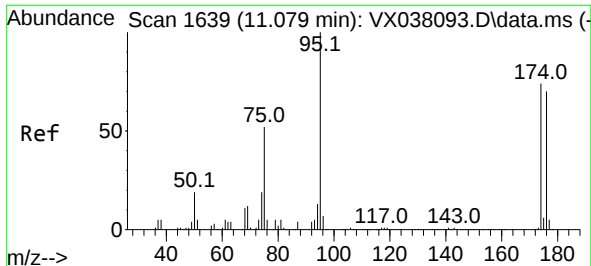
Tgt Ion:130 Resp: 8360
Ion Ratio Lower Upper
130 100
95 82.8 0.0 204.4



#50
Toluene-d8
Concen: 45.327 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038401.D
Acq: 20 Oct 2023 14:43

Tgt Ion: 98 Resp: 279869
Ion Ratio Lower Upper
98 100
100 63.2 53.1 79.7

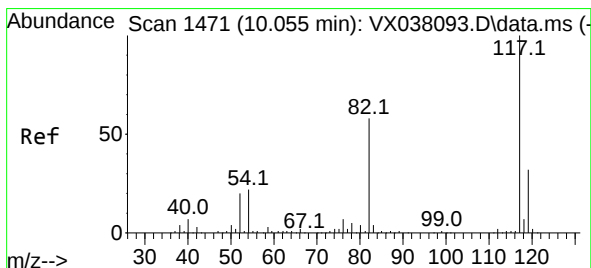
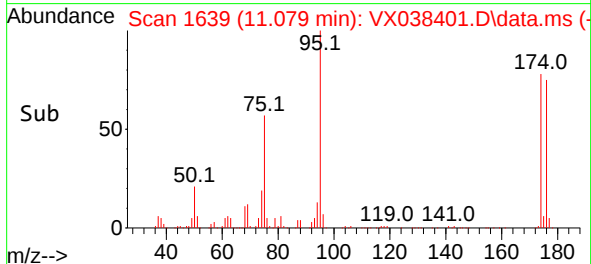
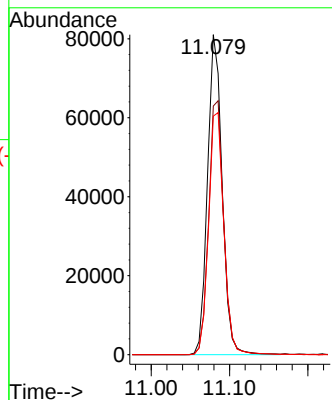
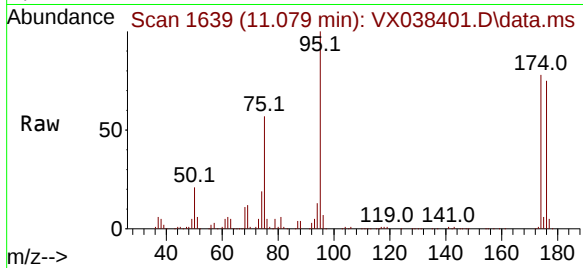




#62
4-Bromofluorobenzene
Concen: 44.812 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038401.D
Acq: 20 Oct 2023 14:43

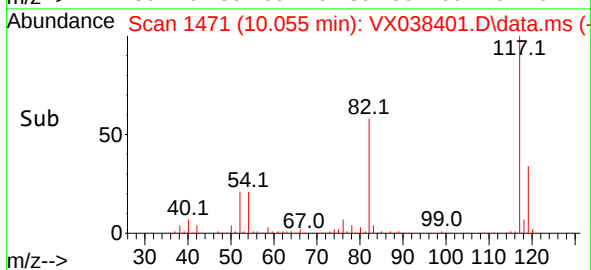
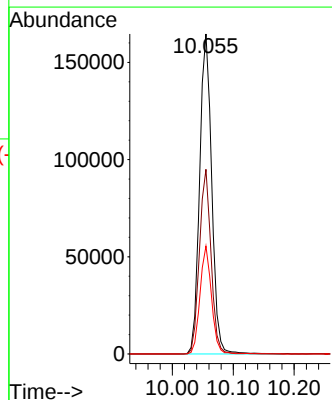
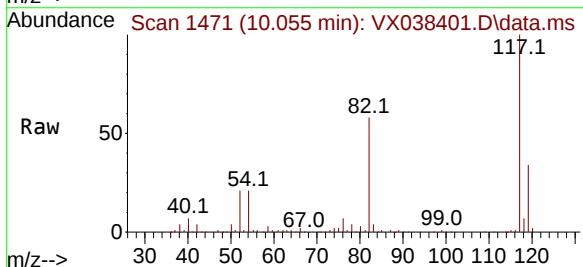
Instrument :
MSVOA_X
ClientSampleId :
GW-21-37-40

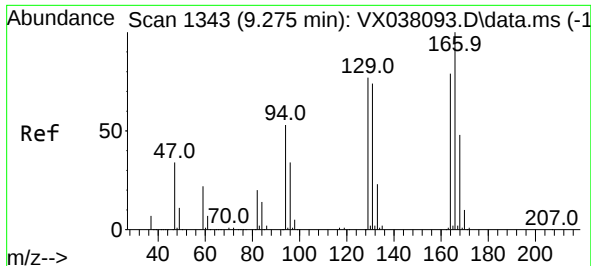
Tgt Ion: 95 Resp: 104897
Ion Ratio Lower Upper
95 100
174 81.8 0.0 135.6
176 78.7 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038401.D
Acq: 20 Oct 2023 14:43

Tgt Ion: 117 Resp: 226752
Ion Ratio Lower Upper
117 100
82 57.7 46.2 69.4
119 33.7 25.5 38.3

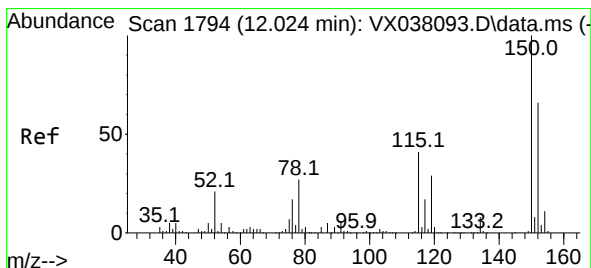
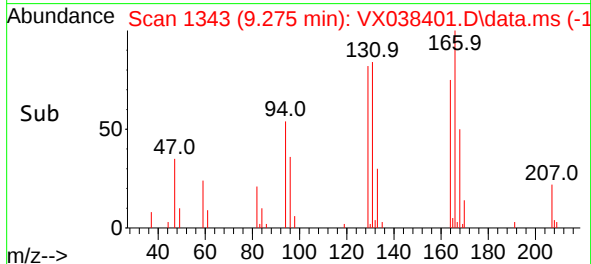
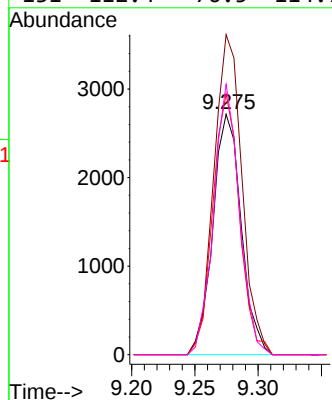
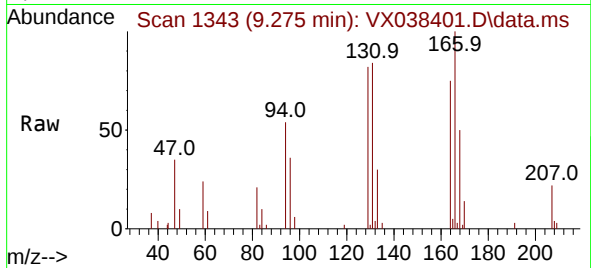




#64
Tetrachloroethene
Concen: 2.874 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038401.D
Acq: 20 Oct 2023 14:43

Instrument :
MSVOA_X
ClientSampleId :
GW-21-37-40

Tgt Ion:164 Resp: 4219
Ion Ratio Lower Upper
164 100
166 133.1 102.7 154.1
129 108.5 80.4 120.6
131 112.4 76.5 114.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038401.D
Acq: 20 Oct 2023 14:43

Tgt Ion:152 Resp: 116266
Ion Ratio Lower Upper
152 100
115 58.5 43.3 129.9
150 155.7 0.0 345.0

