

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101623\
 Data File : VX038305.D
 Acq On : 16 Oct 2023 15:46
 Operator : JC/MD
 Sample : 04899-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GW-15-37-40

Quant Time: Oct 17 01:23:56 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)

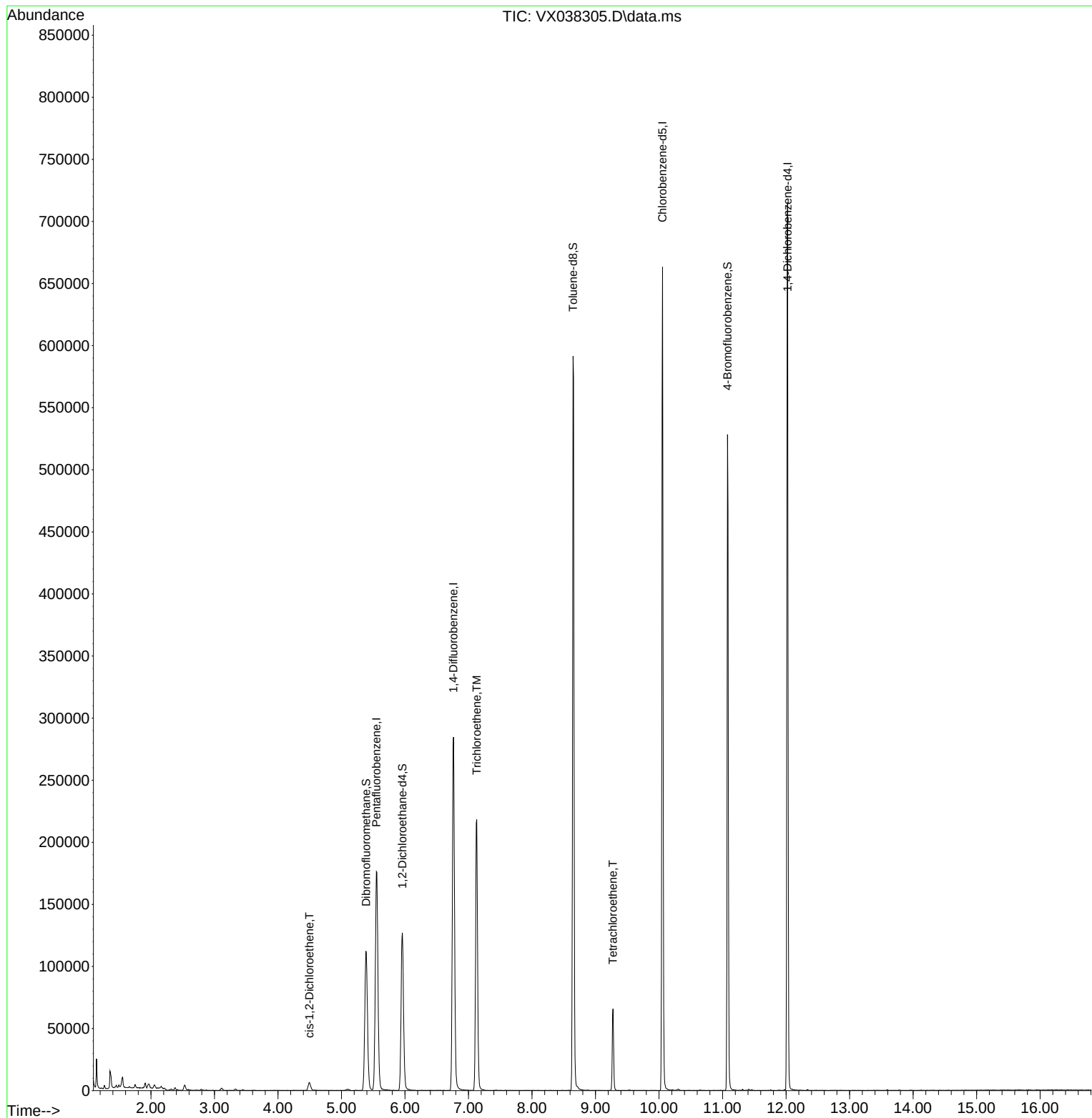
Internal Standards						
1) Pentafluorobenzene	5.550	168	167484	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	290639	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	287417	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	146693	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	124839	46.342	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.680%
35) Dibromofluoromethane	5.385	113	97315	46.468	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.940%
50) Toluene-d8	8.647	98	353938	44.228	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	88.460%#
62) 4-Bromofluorobenzene	11.079	95	135451	44.646	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.300%
Target Compounds						
					Qvalue	
27) cis-1,2-Dichloroethene	4.495	96	4474	1.980	ug/l	75
44) Trichloroethene	7.129	130	79763	37.755	ug/l	100
64) Tetrachloroethene	9.275	164	11371	6.111	ug/l	98

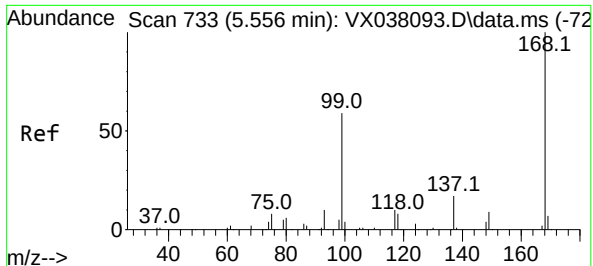
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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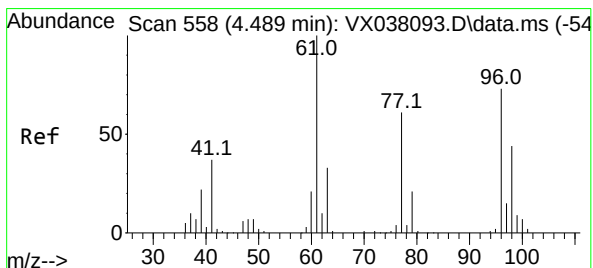
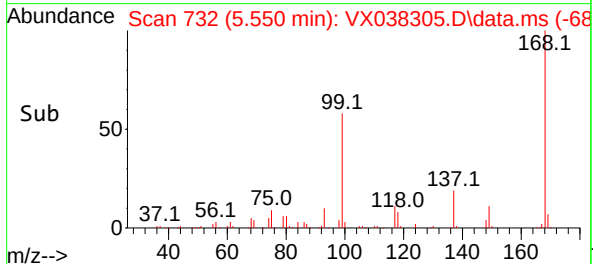
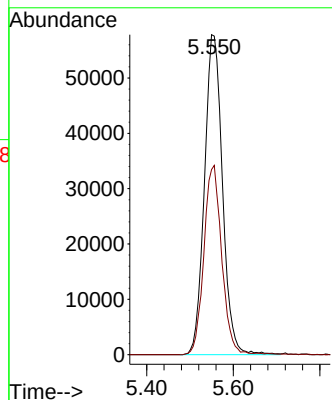
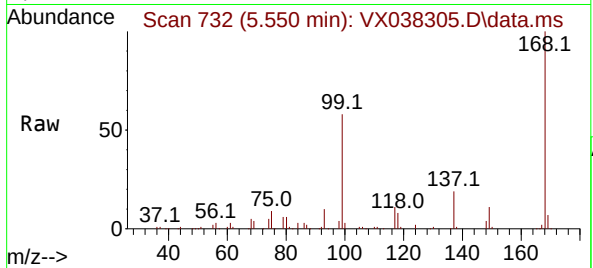




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038305.D
Acq: 16 Oct 2023 15:46

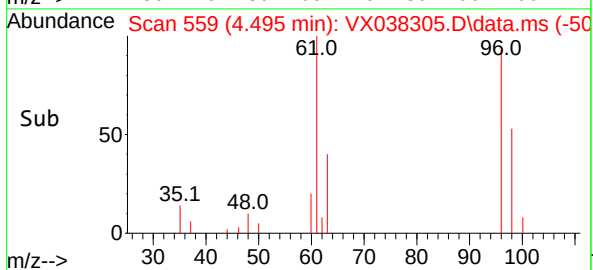
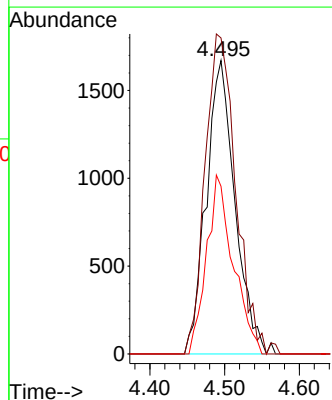
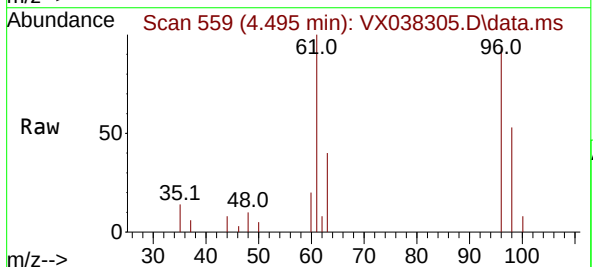
Instrument :
MSVOA_X
ClientSampleId :
GW-15-37-40

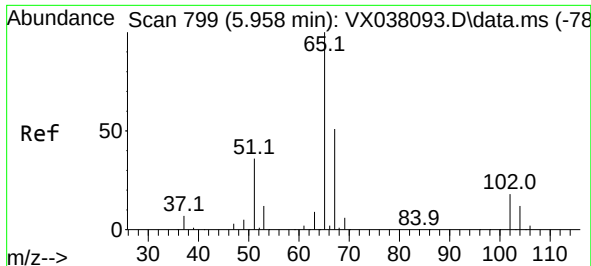
Tgt Ion:168 Resp: 167484
Ion Ratio Lower Upper
168 100
99 57.9 56.6 85.0



#27
cis-1,2-Dichloroethene
Concen: 1.980 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX038305.D
Acq: 16 Oct 2023 15:46

Tgt Ion: 96 Resp: 4474
Ion Ratio Lower Upper
96 100
61 116.2 0.0 312.2
98 56.5 0.0 129.0





#33

1,2-Dichloroethane-d4

Concen: 46.342 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038305.D

Acq: 16 Oct 2023 15:46

Instrument :

MSVOA_X

ClientSampleId :

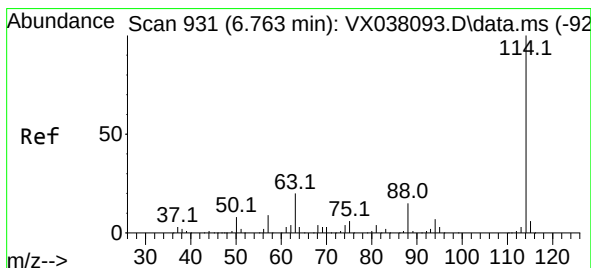
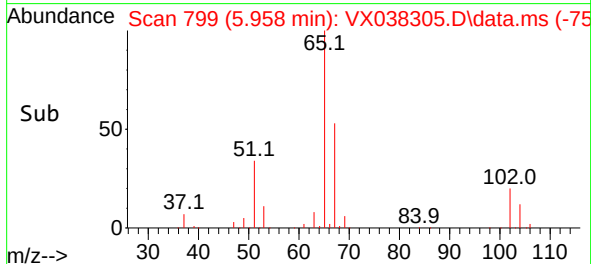
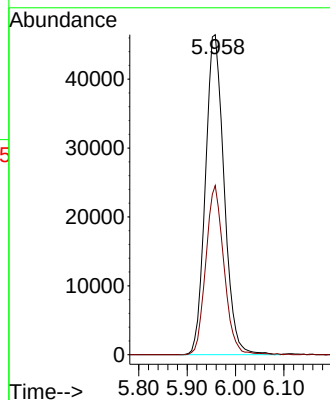
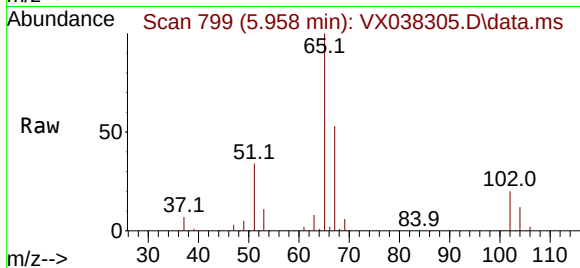
GW-15-37-40

Tgt Ion: 65 Resp: 124839

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: VX038305.D

Acq: 16 Oct 2023 15:46

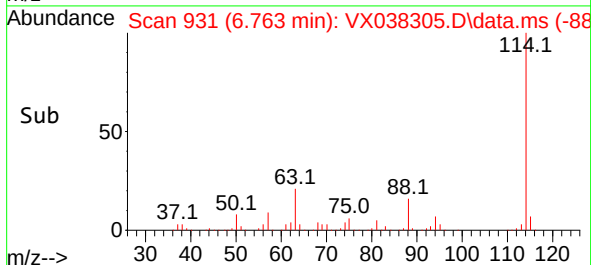
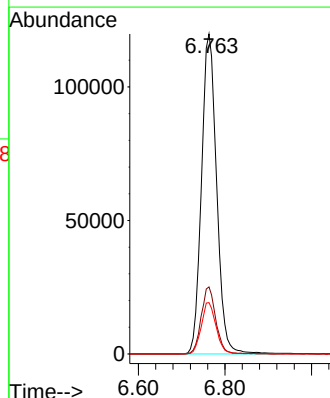
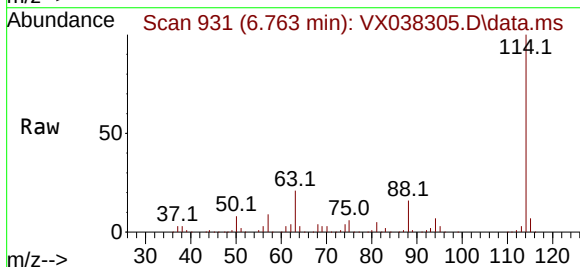
Tgt Ion: 114 Resp: 290639

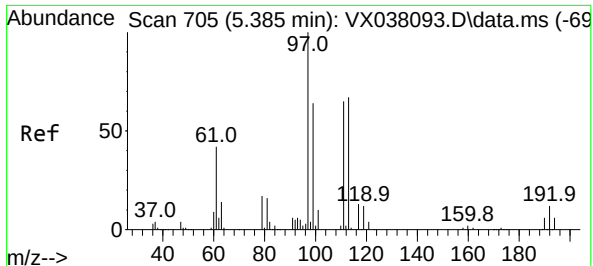
Ion Ratio Lower Upper

114 100

63 20.9 0.0 45.0

88 16.1 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.468 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX038305.D

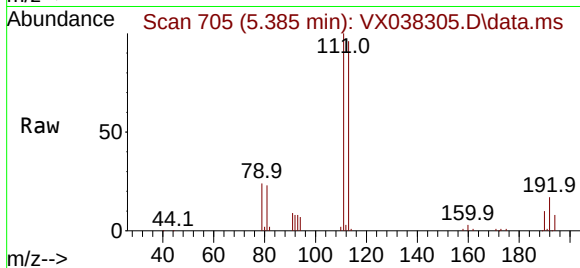
Acq: 16 Oct 2023 15:46

Instrument :

MSVOA_X

ClientSampleId :

GW-15-37-40



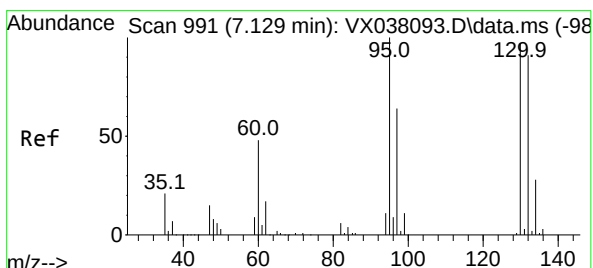
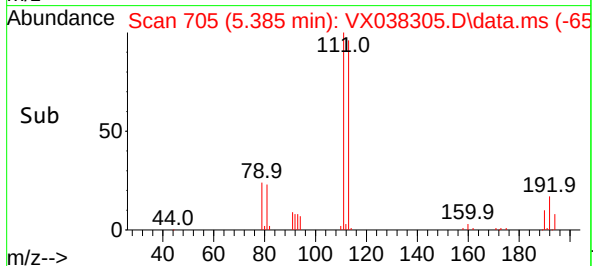
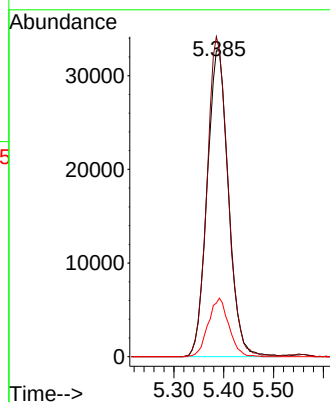
Tgt Ion:113 Resp: 97315

Ion Ratio Lower Upper

113 100

111 102.2 82.9 124.3

192 18.4 13.3 19.9



#44

Trichloroethene

Concen: 37.755 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX038305.D

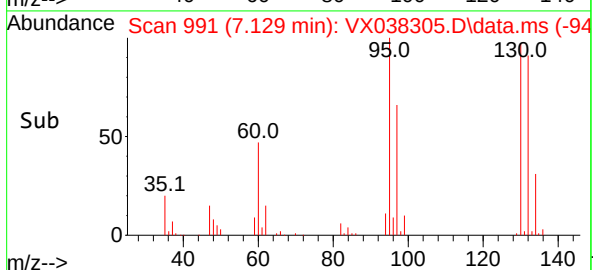
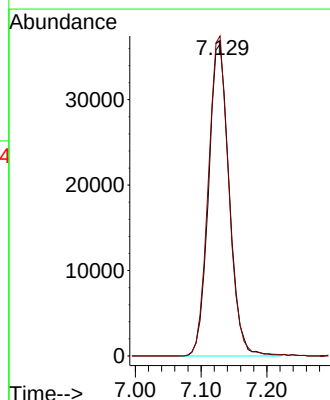
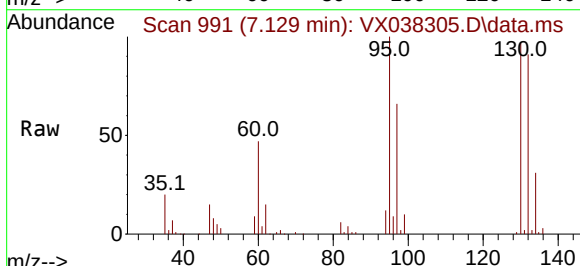
Acq: 16 Oct 2023 15:46

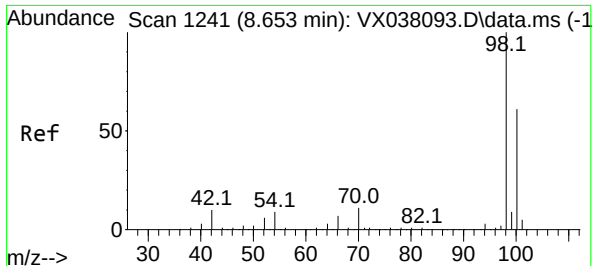
Tgt Ion:130 Resp: 79763

Ion Ratio Lower Upper

130 100

95 102.6 0.0 204.4

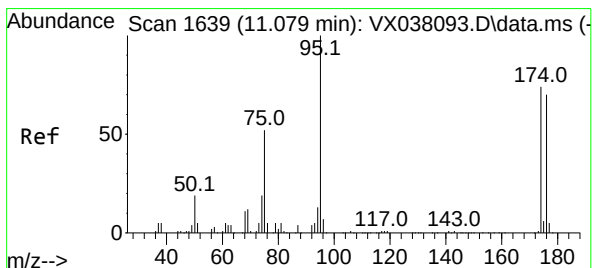
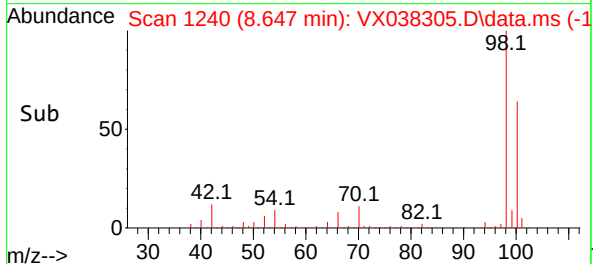
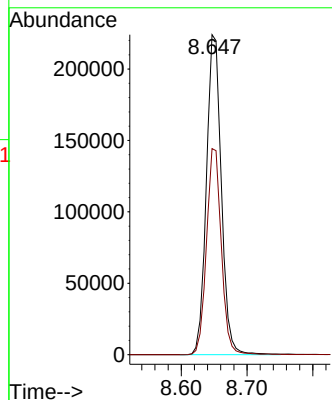
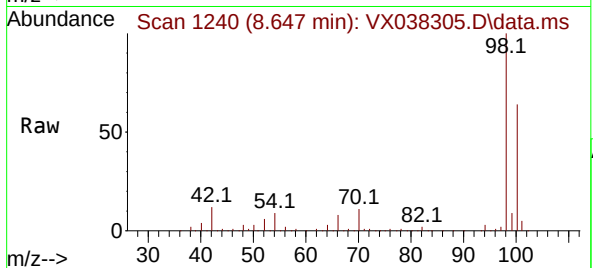




#50
Toluene-d8
Concen: 44.228 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038305.D
Acq: 16 Oct 2023 15:46

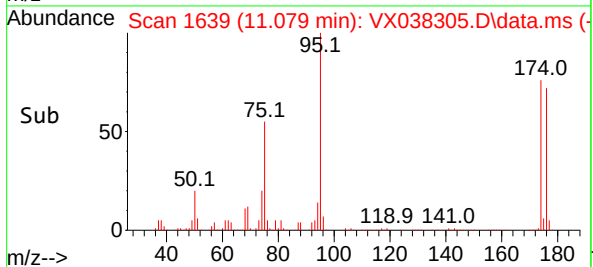
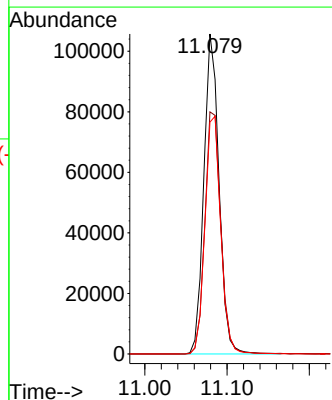
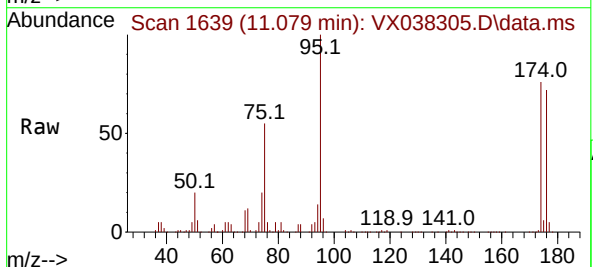
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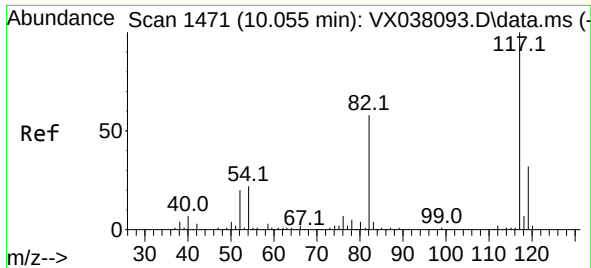
Tgt Ion: 98 Resp: 353938
Ion Ratio Lower Upper
98 100
100 64.0 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 44.646 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038305.D
Acq: 16 Oct 2023 15:46

Tgt Ion: 95 Resp: 135451
Ion Ratio Lower Upper
95 100
174 79.4 0.0 135.6
176 77.4 0.0 131.0

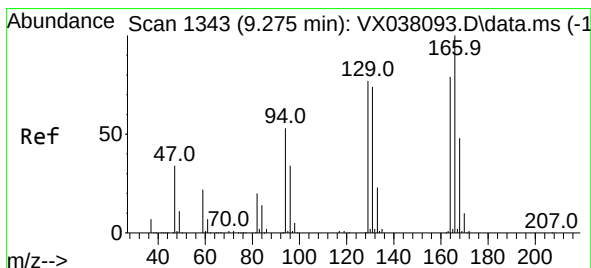
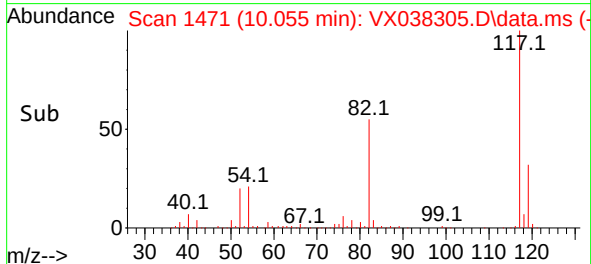
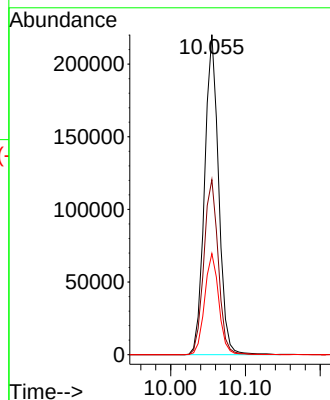
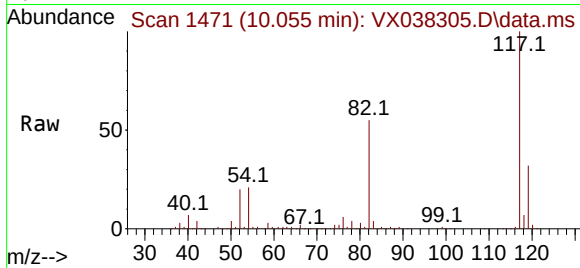




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038305.D
Acq: 16 Oct 2023 15:46

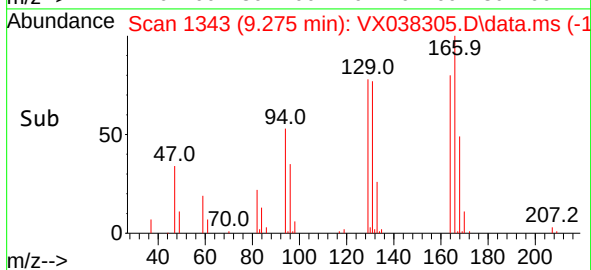
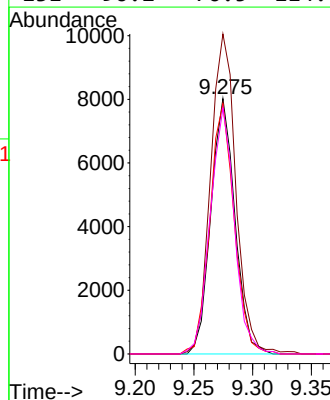
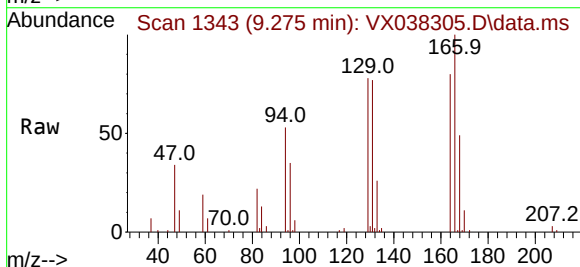
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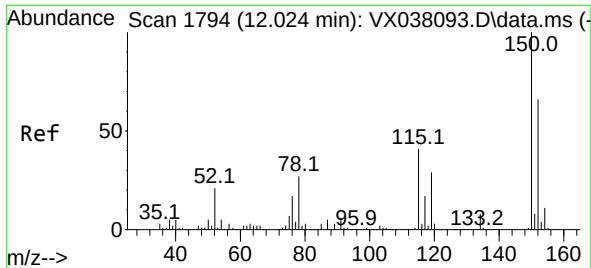
Tgt Ion:117 Resp: 287417
Ion Ratio Lower Upper
117 100
82 54.7 46.2 69.4
119 31.6 25.5 38.3



#64
Tetrachloroethene
Concen: 6.111 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX038305.D
Acq: 16 Oct 2023 15:46

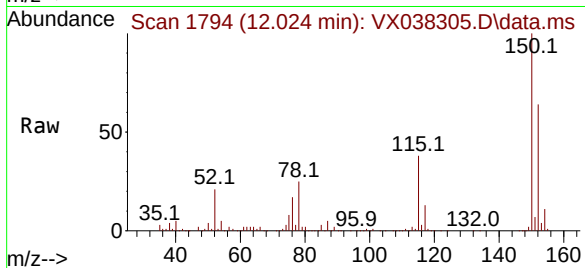
Tgt Ion:164 Resp: 11371
Ion Ratio Lower Upper
164 100
166 125.3 102.7 154.1
129 98.1 80.4 120.6
131 96.2 76.5 114.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX038305.D
 Acq: 16 Oct 2023 15:46

Instrument :
 MSVOA_X
 ClientSampleId :
 GW-15-37-40



Tgt Ion:152 Resp: 146693
 Ion Ratio Lower Upper
 152 100
 115 61.8 43.3 129.9
 150 157.8 0.0 345.0

