

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032125\
 Data File : VX045397.D
 Acq On : 21 Mar 2025 18:44
 Operator : JC/MD
 Sample : Q1608-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT205S1-20250317

Quant Time: Mar 21 23:20:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

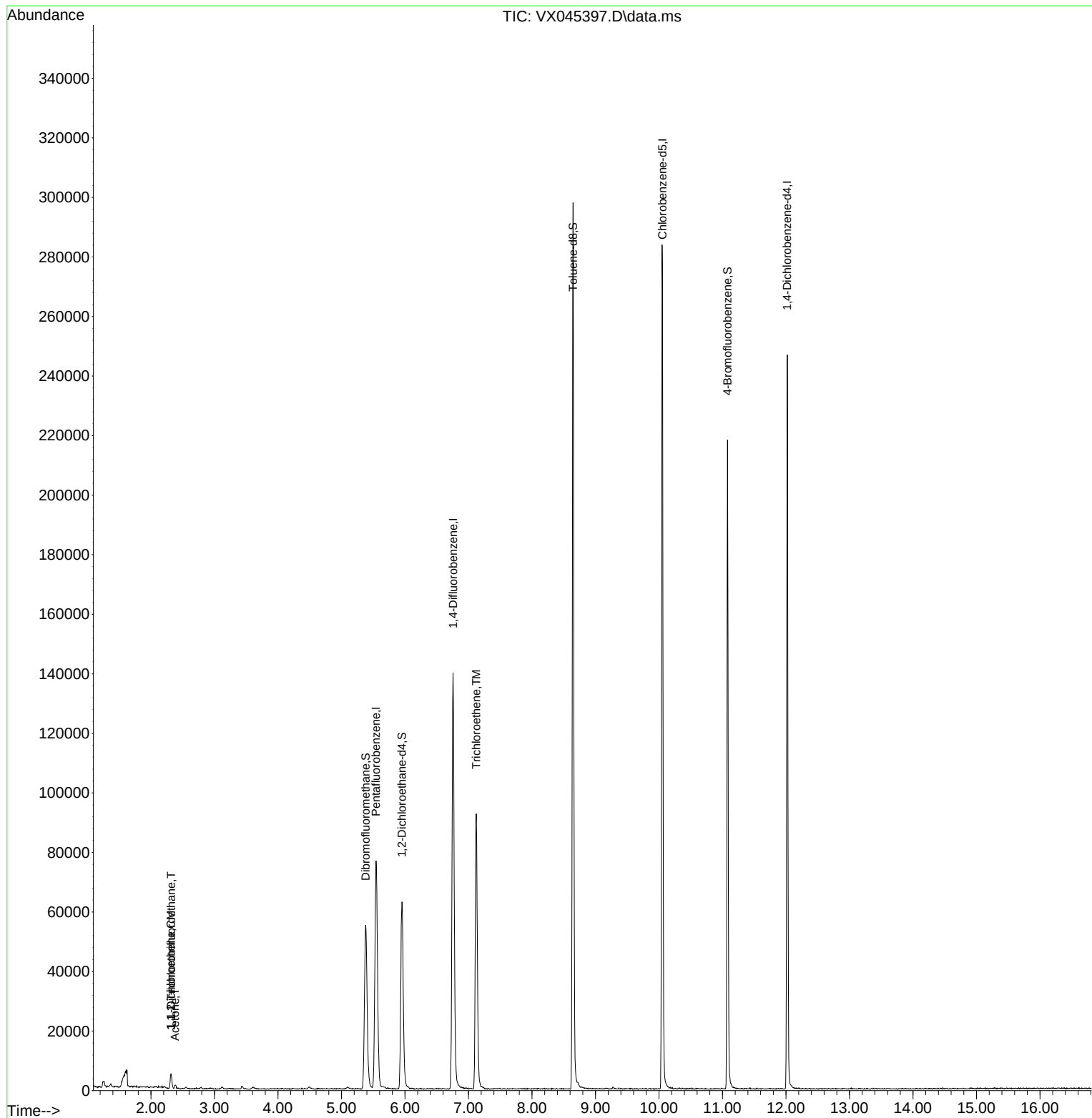
Internal Standards						
1) Pentafluorobenzene	5.544	168	68231	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	134675	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	120991	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	44710	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	62065	57.186	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	114.380%
35) Dibromofluoromethane	5.379	113	47612	52.871	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.740%
50) Toluene-d8	8.647	98	169083	51.790	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.580%
62) 4-Bromofluorobenzene	11.079	95	54468	50.347	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	100.700%
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.319	101	1057	1.333	ug/l	90
12) 1,1-Dichloroethene	2.313	96	1139	1.359	ug/l	88
16) Acetone	2.380	43	1372	2.725	ug/l	97
44) Trichloroethene	7.123	130	34971	38.190	ug/l	97

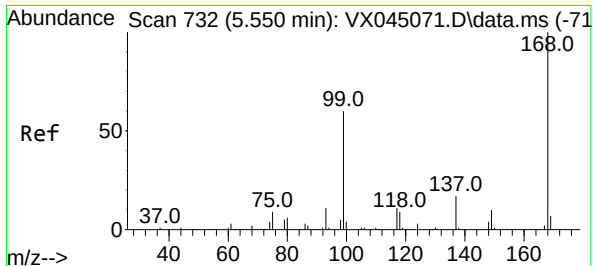
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

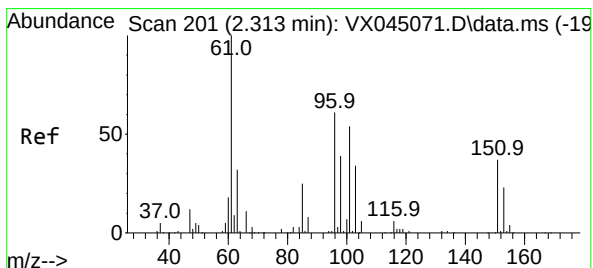
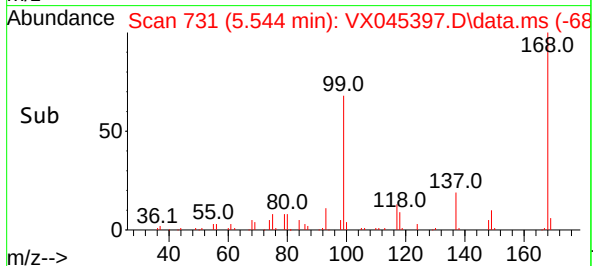
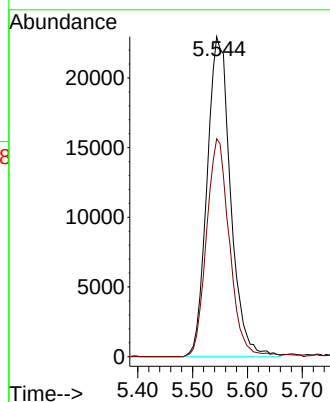
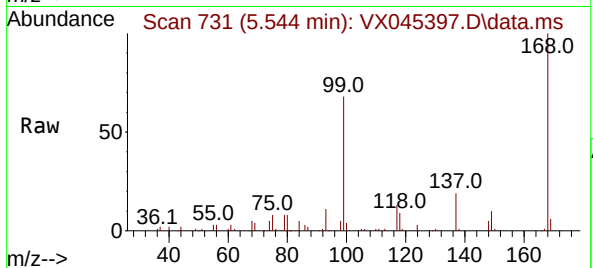




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045397.D
Acq: 21 Mar 2025 18:44

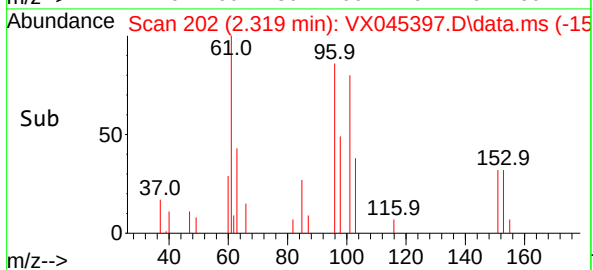
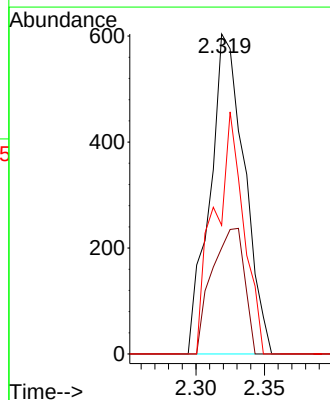
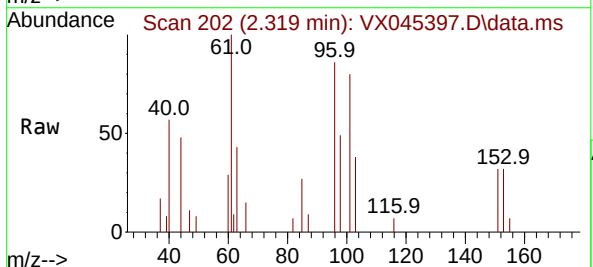
Instrument :
MSVOA_X
ClientSampleId :
TT205S1-20250317

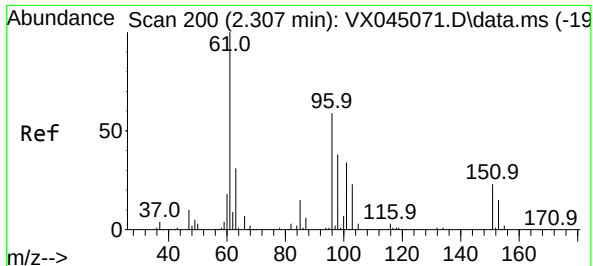
Tgt Ion:168 Resp: 68231
Ion Ratio Lower Upper
168 100
99 68.1 48.2 72.4



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.333 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX045397.D
Acq: 21 Mar 2025 18:44

Tgt Ion:101 Resp: 1057
Ion Ratio Lower Upper
101 100
85 37.1 36.2 54.4
151 64.0 56.4 84.6





#12

1,1-Dichloroethene

Concen: 1.359 ug/l

RT: 2.313 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX045397.D

Acq: 21 Mar 2025 18:44

Instrument :

MSVOA_X

ClientSampleId :

TT205S1-20250317

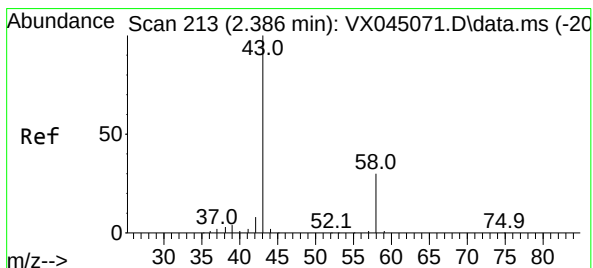
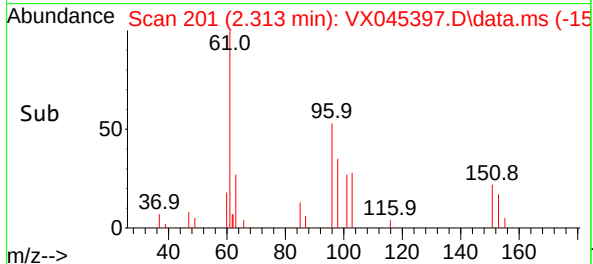
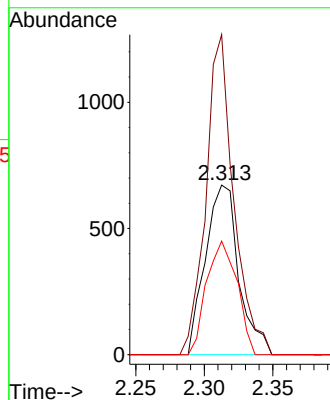
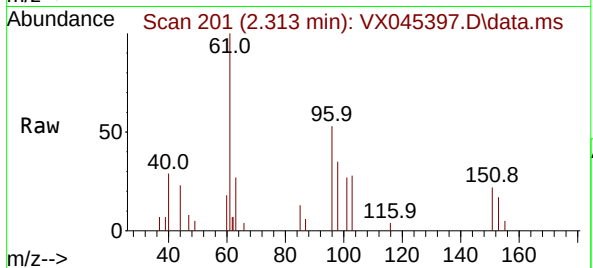
Tgt Ion: 96 Resp: 1139

Ion Ratio Lower Upper

96 100

61 188.7 134.6 202.0

98 67.0 51.0 76.6



#16

Acetone

Concen: 2.725 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.006 min

Lab File: VX045397.D

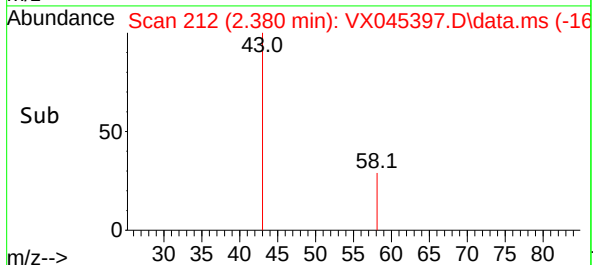
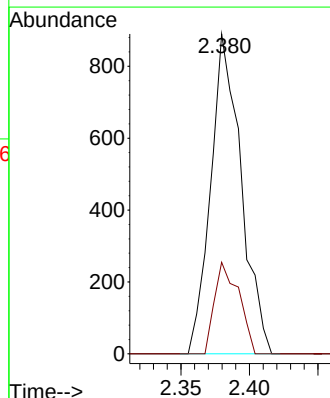
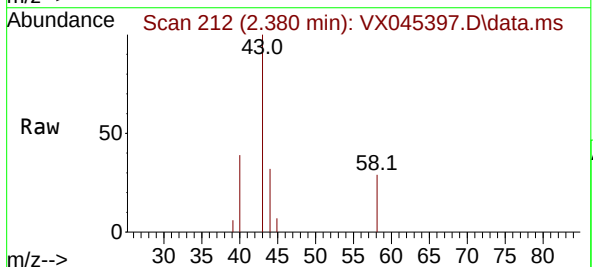
Acq: 21 Mar 2025 18:44

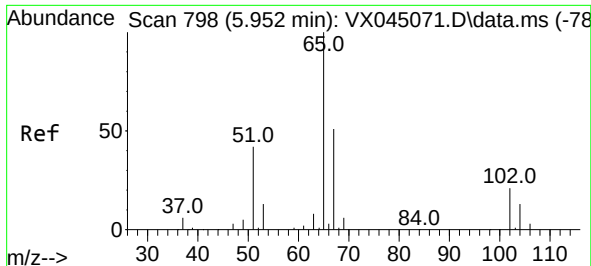
Tgt Ion: 43 Resp: 1372

Ion Ratio Lower Upper

43 100

58 28.7 24.2 36.4





#33

1,2-Dichloroethane-d4

Concen: 57.186 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX045397.D

Acq: 21 Mar 2025 18:44

Instrument :

MSVOA_X

ClientSampleId :

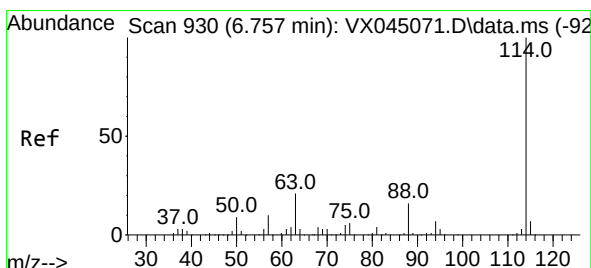
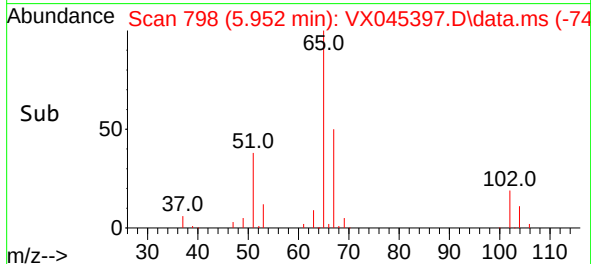
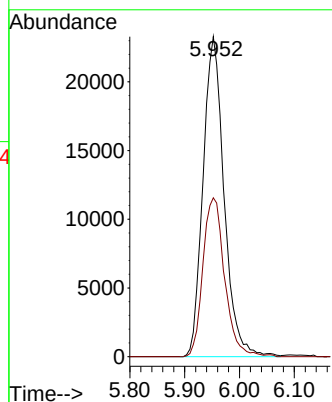
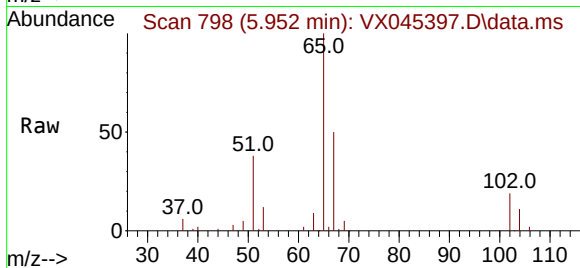
TT205S1-20250317

Tgt Ion: 65 Resp: 62065

Ion Ratio Lower Upper

65 100

67 51.1 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX045397.D

Acq: 21 Mar 2025 18:44

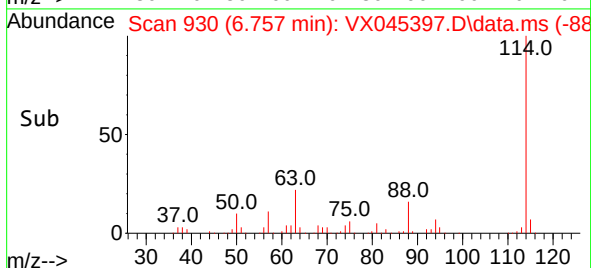
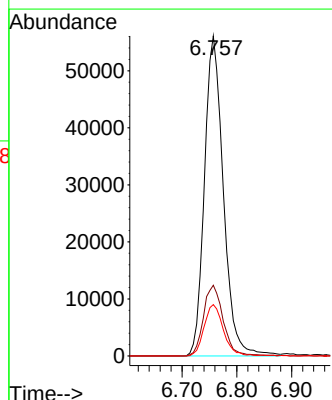
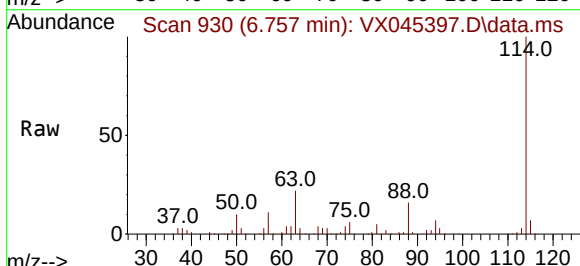
Tgt Ion: 114 Resp: 134675

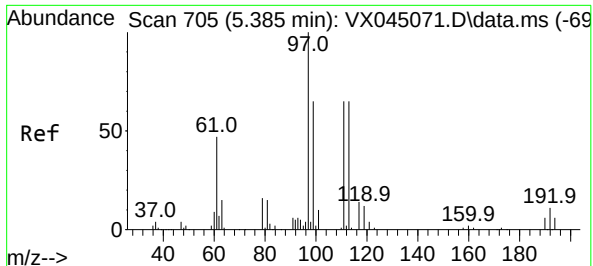
Ion Ratio Lower Upper

114 100

63 22.1 0.0 41.8

88 16.0 0.0 32.8

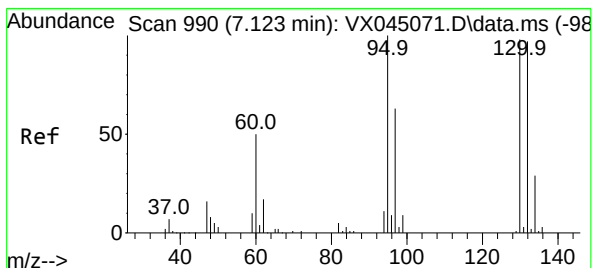
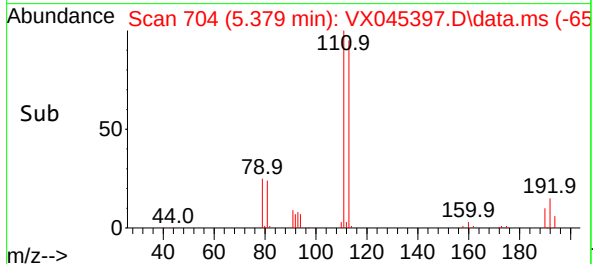
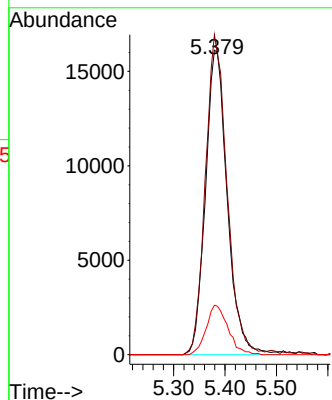
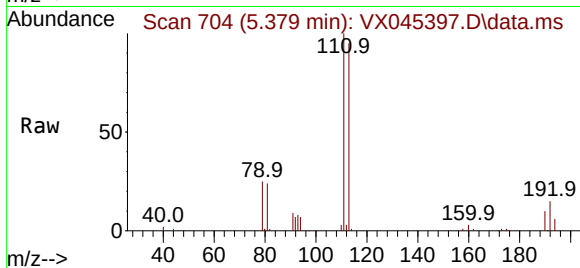




#35
 Dibromofluoromethane
 Concen: 52.871 ug/l
 RT: 5.379 min Scan# 705
 Delta R.T. -0.006 min
 Lab File: VX045397.D
 Acq: 21 Mar 2025 18:44

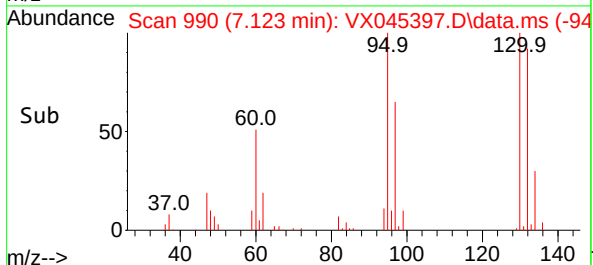
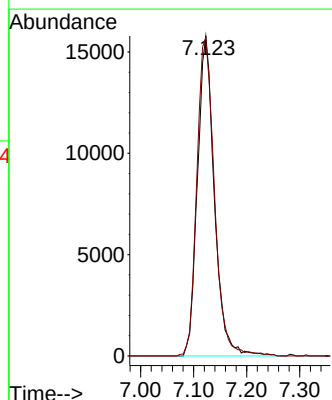
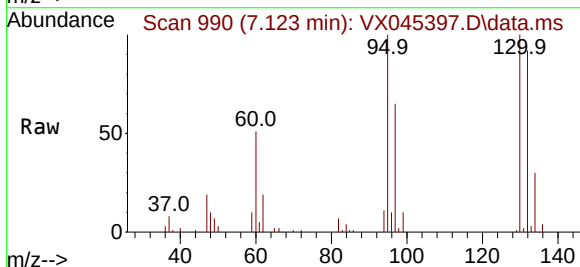
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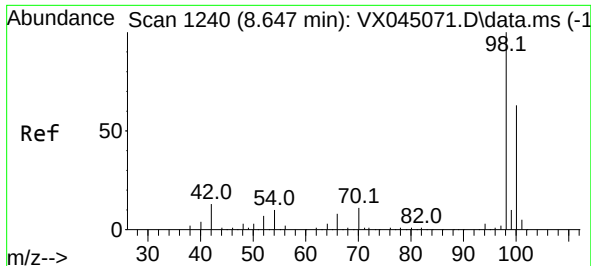
Tgt Ion:113 Resp: 47612
 Ion Ratio Lower Upper
 113 100
 111 103.9 81.8 122.6
 192 16.3 14.3 21.5



#44
 Trichloroethene
 Concen: 38.190 ug/l
 RT: 7.123 min Scan# 990
 Delta R.T. 0.000 min
 Lab File: VX045397.D
 Acq: 21 Mar 2025 18:44

Tgt Ion:130 Resp: 34971
 Ion Ratio Lower Upper
 130 100
 95 99.6 0.0 205.0

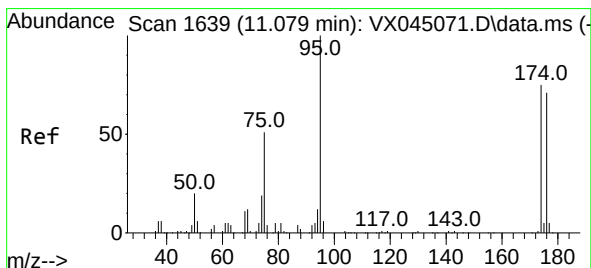
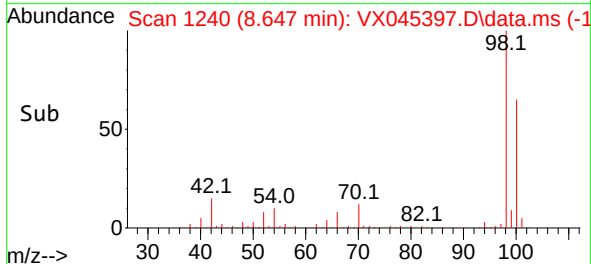
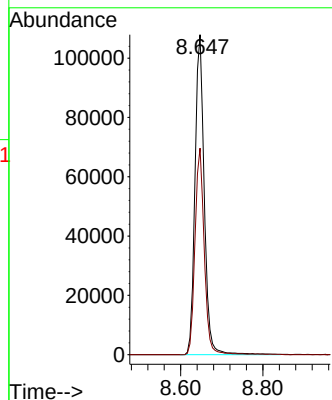
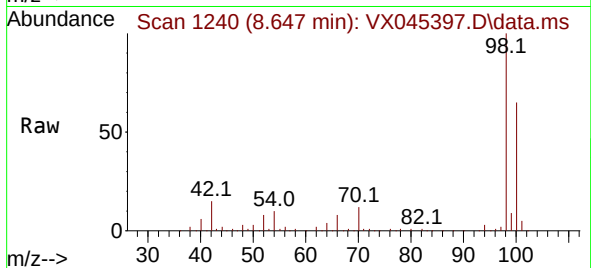




#50
Toluene-d8
Concen: 51.790 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045397.D
Acq: 21 Mar 2025 18:44

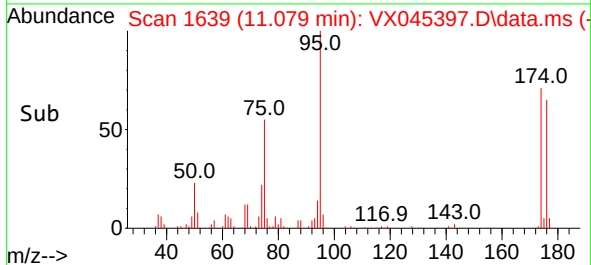
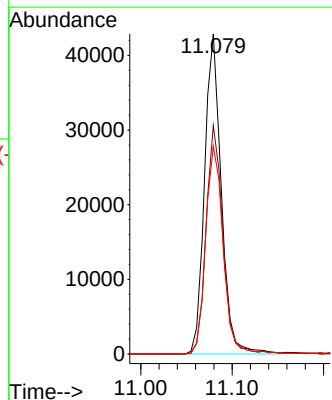
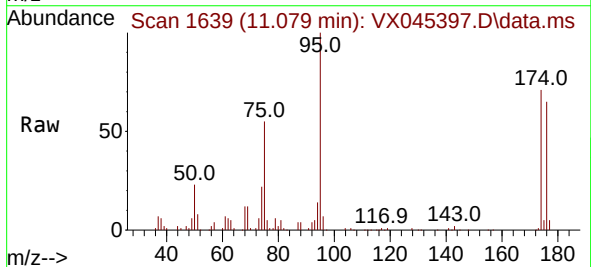
Instrument :
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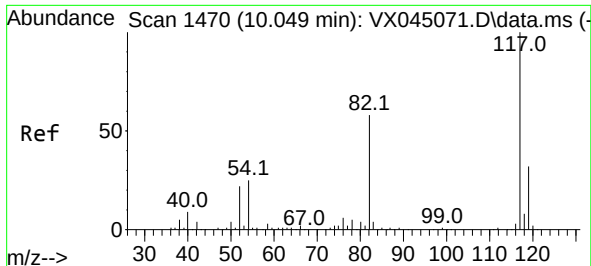
Tgt Ion: 98 Resp: 169083
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 50.347 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045397.D
Acq: 21 Mar 2025 18:44

Tgt Ion: 95 Resp: 54468
Ion Ratio Lower Upper
95 100
174 71.4 0.0 148.2
176 68.1 0.0 141.4

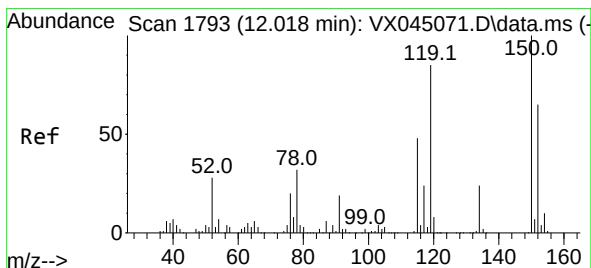
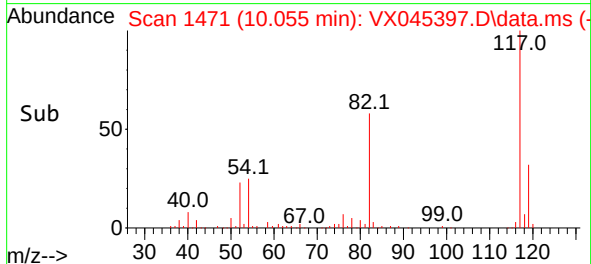
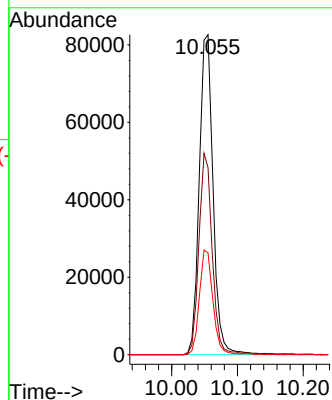
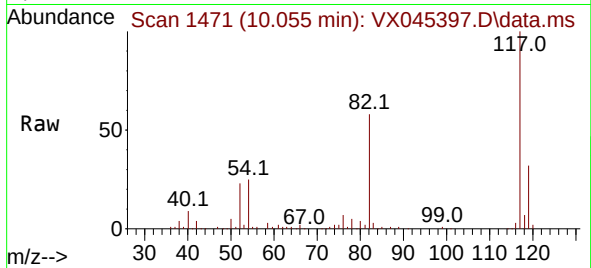




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX045397.D
Acq: 21 Mar 2025 18:44

Instrument :
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Tgt Ion:117 Resp: 120991
Ion Ratio Lower Upper
117 100
82 58.5 46.3 69.5
119 31.9 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045397.D
Acq: 21 Mar 2025 18:44

Tgt Ion:152 Resp: 44710
Ion Ratio Lower Upper
152 100
115 65.4 44.2 132.6
150 159.1 0.0 349.0

