

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032125\
 Data File : VX045392.D
 Acq On : 21 Mar 2025 16:48
 Operator : JC/MD
 Sample : Q1582-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT191D2-20250314

Quant Time: Mar 21 23:18:01 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)

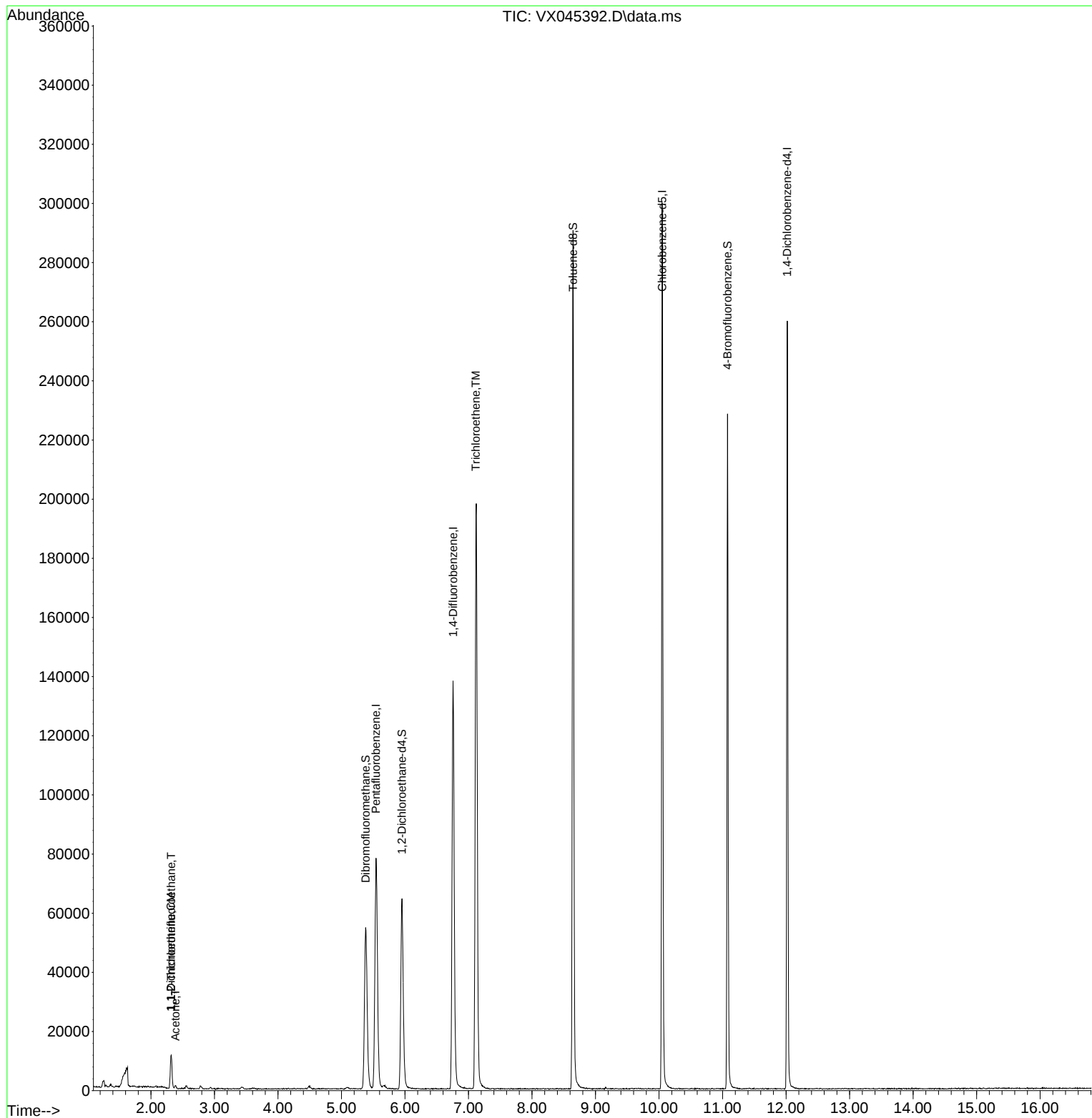
Internal Standards						
1) Pentafluorobenzene	5.544	168	68899	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	133744	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	124586	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	49466	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	62685	57.197	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	114.400%
35) Dibromofluoromethane	5.379	113	47590	53.214	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.420%
50) Toluene-d8	8.647	98	168628	52.011	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.020%
62) 4-Bromofluorobenzene	11.079	95	57830	53.827	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	107.660%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.319	101	3834	4.788	ug/l	97
12) 1,1-Dichloroethene	2.313	96	832	0.983	ug/l	80
16) Acetone	2.386	43	1159	2.279	ug/l #	85
44) Trichloroethene	7.117	130	73391	80.704	ug/l	98

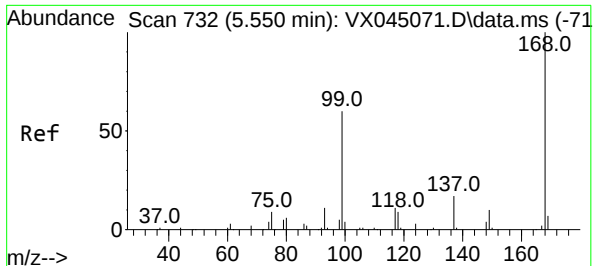
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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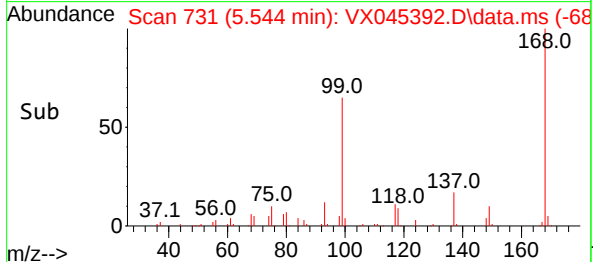
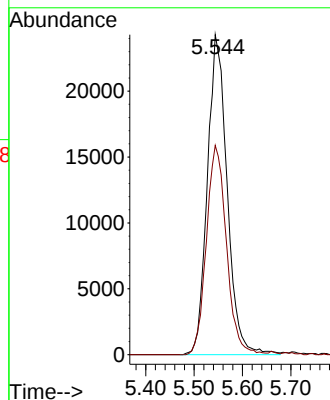
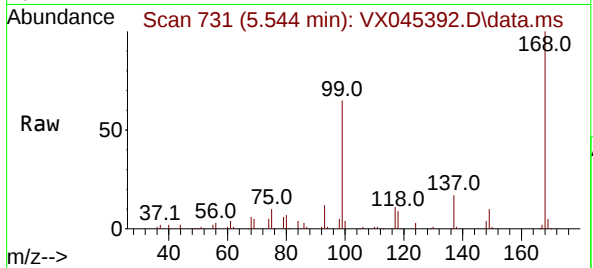




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045392.D
Acq: 21 Mar 2025 16:48

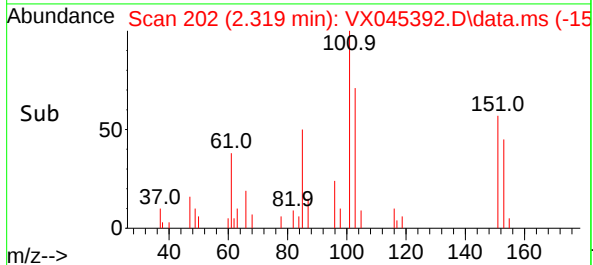
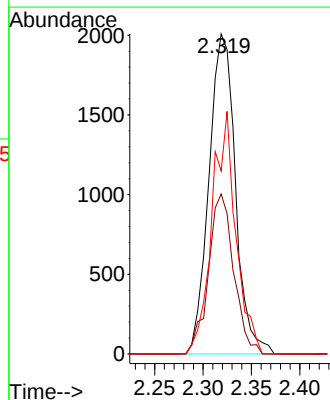
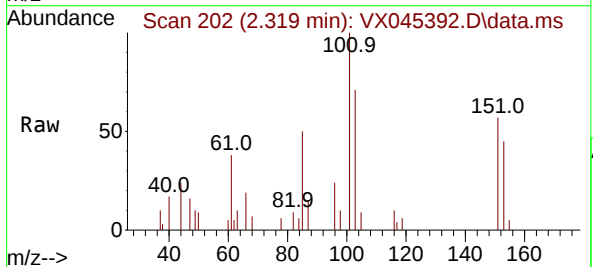
Instrument :
MSVOA_X
ClientSampleId :
TT191D2-20250314

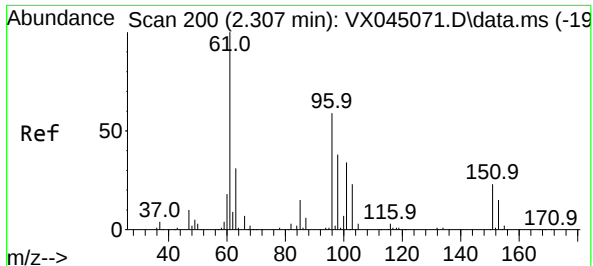
Tgt Ion:168 Resp: 68899
Ion Ratio Lower Upper
168 100
99 65.4 48.2 72.4



#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.788 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX045392.D
Acq: 21 Mar 2025 16:48

Tgt Ion:101 Resp: 3834
Ion Ratio Lower Upper
101 100
85 47.6 36.2 54.4
151 68.1 56.4 84.6





#12

1,1-Dichloroethene

Concen: 0.983 ug/l

RT: 2.313 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX045392.D

Acq: 21 Mar 2025 16:48

Instrument :

MSVOA_X

ClientSampleId :

TT191D2-20250314

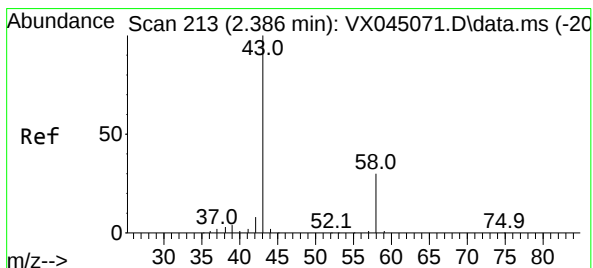
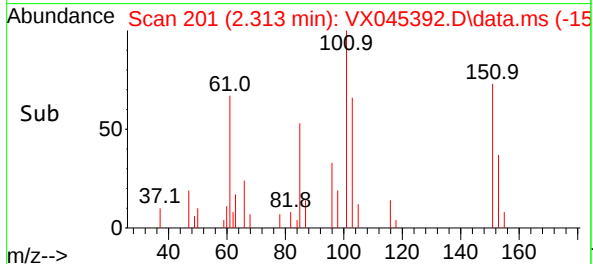
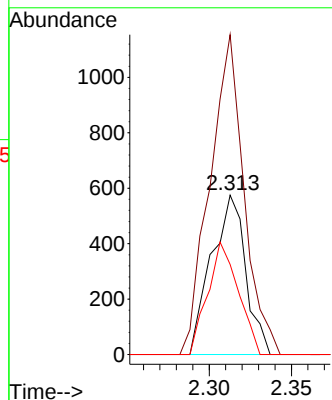
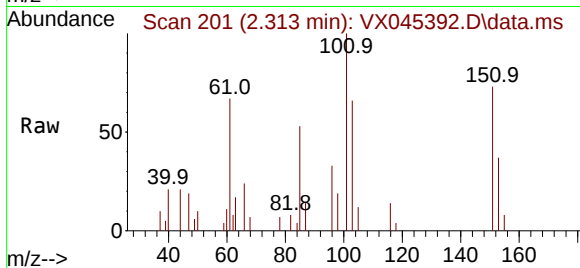
Tgt Ion: 96 Resp: 832

Ion Ratio Lower Upper

96 100

61 200.7 134.6 202.0

98 56.5 51.0 76.6



#16

Acetone

Concen: 2.279 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.000 min

Lab File: VX045392.D

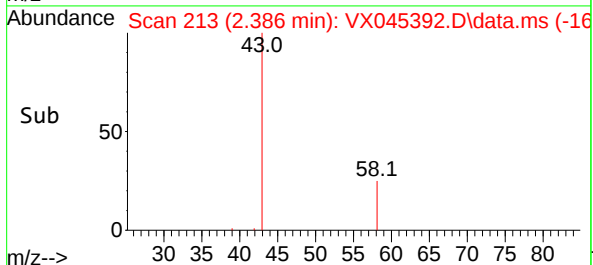
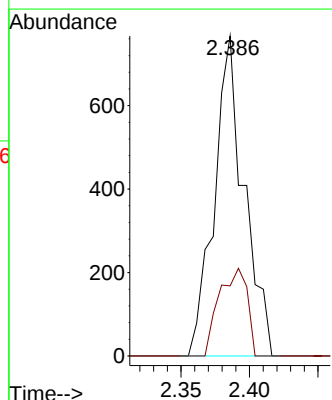
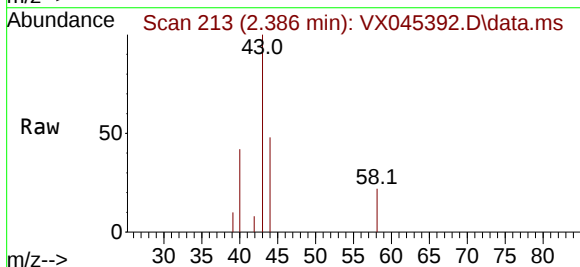
Acq: 21 Mar 2025 16:48

Tgt Ion: 43 Resp: 1159

Ion Ratio Lower Upper

43 100

58 21.9 24.2 36.4#





#33

1,2-Dichloroethane-d4

Concen: 57.197 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX045392.D

Acq: 21 Mar 2025 16:48

Instrument :

MSVOA_X

ClientSampleId :

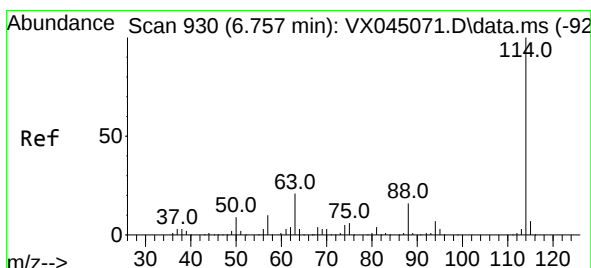
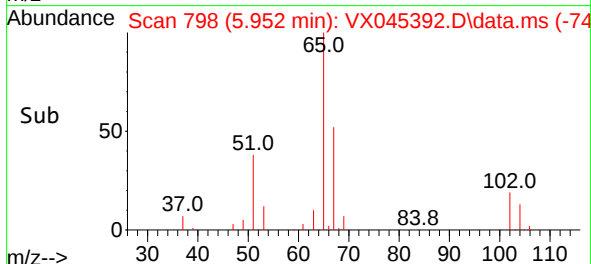
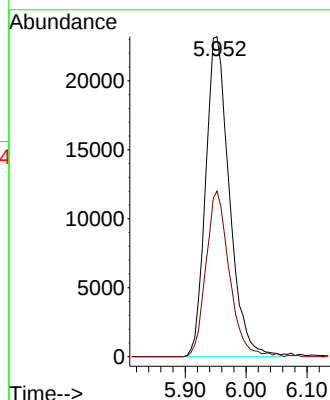
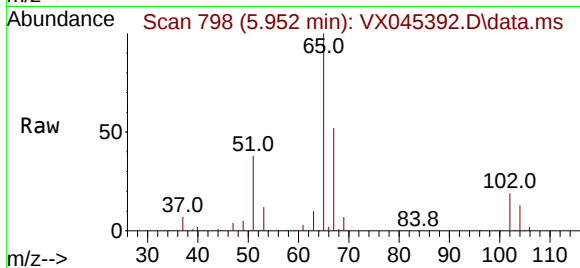
TT191D2-20250314

Tgt Ion: 65 Resp: 62685

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: VX045392.D

Acq: 21 Mar 2025 16:48

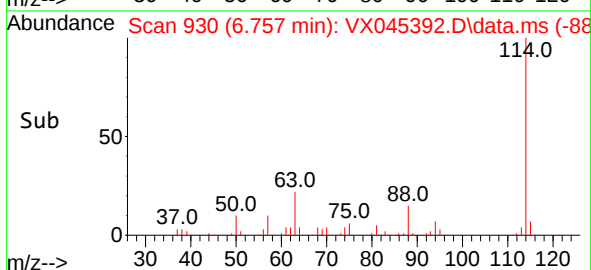
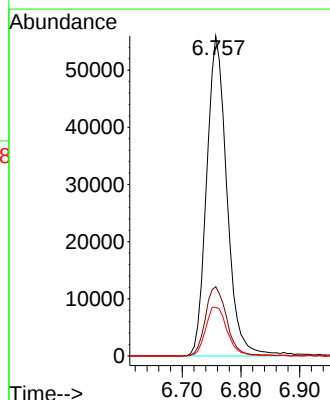
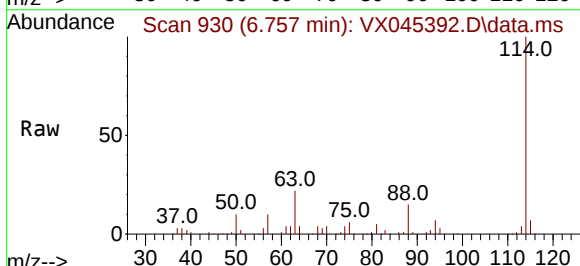
Tgt Ion: 114 Resp: 133744

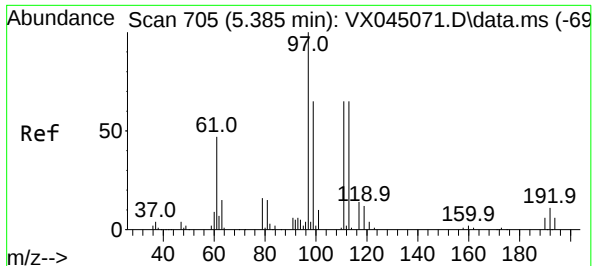
Ion Ratio Lower Upper

114 100

63 21.6 0.0 41.8

88 15.2 0.0 32.8

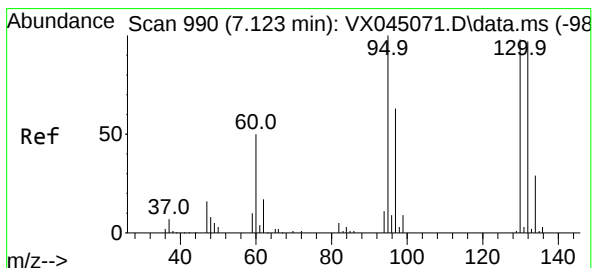
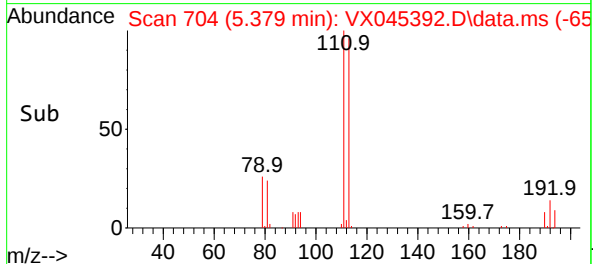
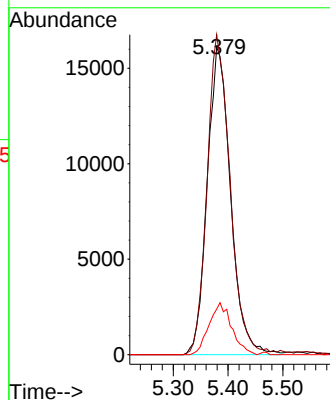
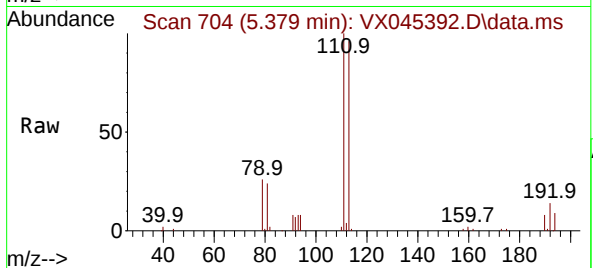




#35
Dibromofluoromethane
Concen: 53.214 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX045392.D
Acq: 21 Mar 2025 16:48

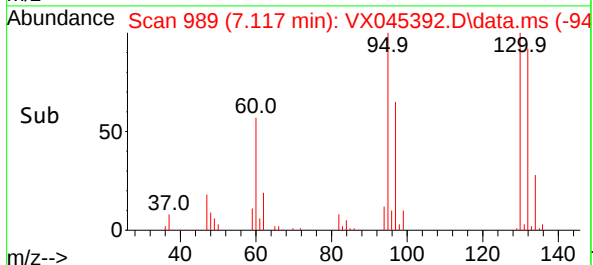
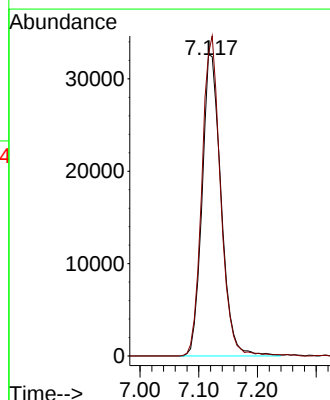
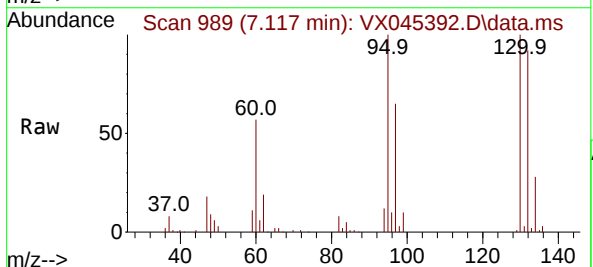
Instrument :
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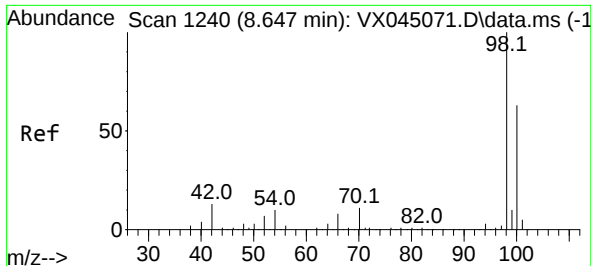
Tgt Ion:113 Resp: 47590
Ion Ratio Lower Upper
113 100
111 102.3 81.8 122.6
192 16.4 14.3 21.5



#44
Trichloroethene
Concen: 80.704 ug/l
RT: 7.117 min Scan# 989
Delta R.T. -0.006 min
Lab File: VX045392.D
Acq: 21 Mar 2025 16:48

Tgt Ion:130 Resp: 73391
Ion Ratio Lower Upper
130 100
95 100.3 0.0 205.0

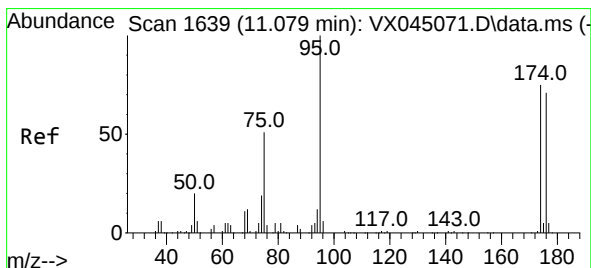
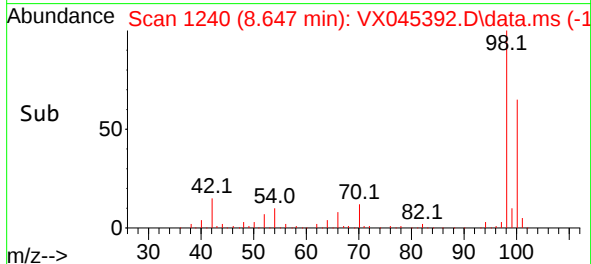
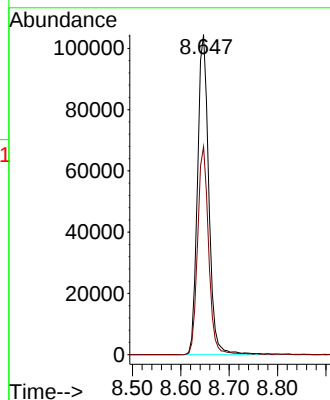
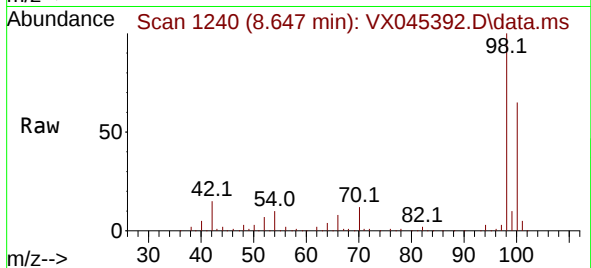




#50
Toluene-d8
Concen: 52.011 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045392.D
Acq: 21 Mar 2025 16:48

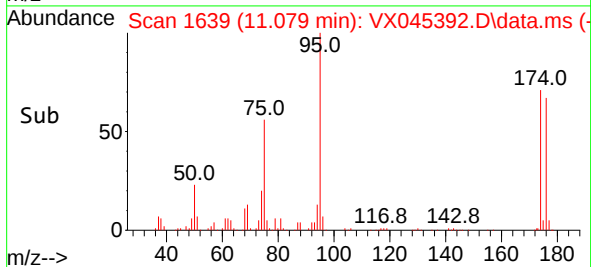
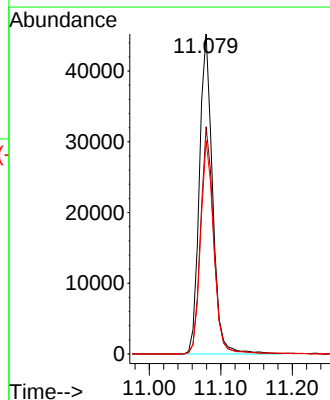
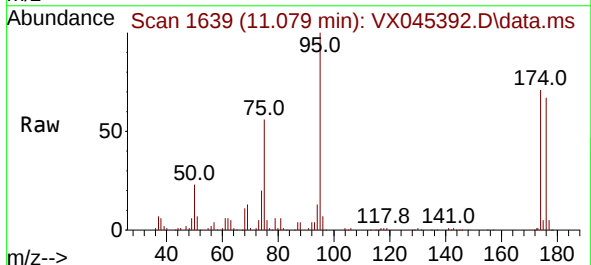
Instrument :
MSVOA_X
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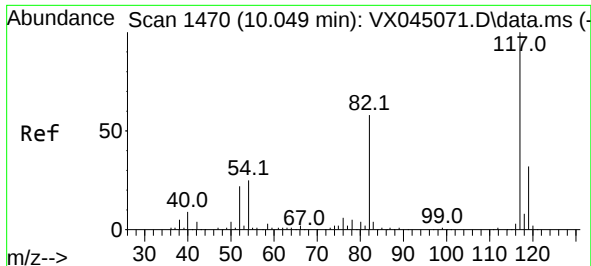
Tgt Ion: 98 Resp: 168628
Ion Ratio Lower Upper
98 100
100 63.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 53.827 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045392.D
Acq: 21 Mar 2025 16:48

Tgt Ion: 95 Resp: 57830
Ion Ratio Lower Upper
95 100
174 70.6 0.0 148.2
176 66.9 0.0 141.4

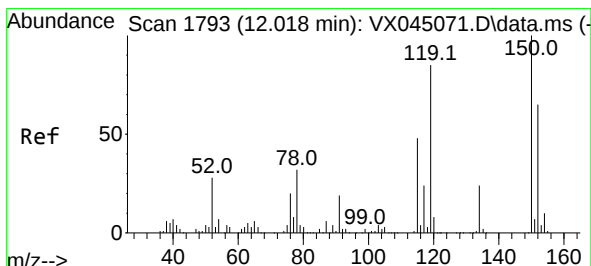
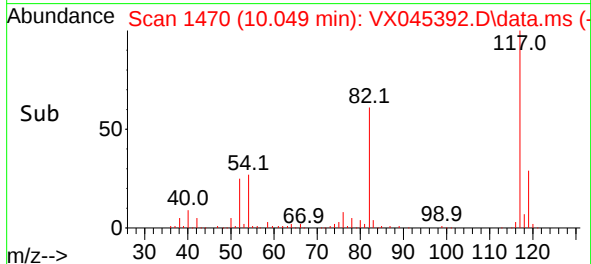
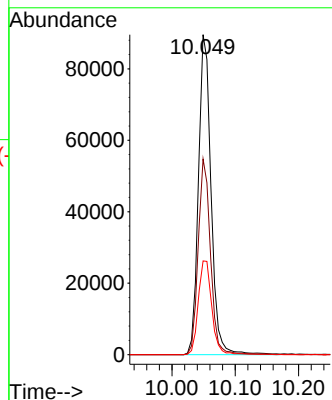
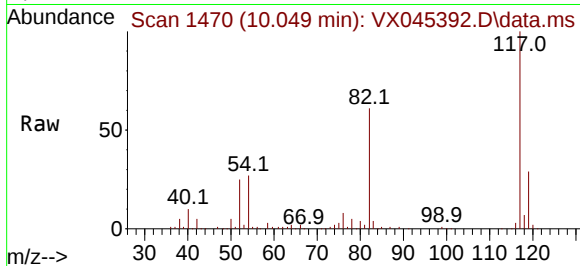




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045392.D
Acq: 21 Mar 2025 16:48

Instrument :
MSVOA_X
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TT191D2-20250314

Tgt Ion:117 Resp: 124586
Ion Ratio Lower Upper
117 100
82 61.2 46.3 69.5
119 29.3 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: VX045392.D
Acq: 21 Mar 2025 16:48

Tgt Ion:152 Resp: 49466
Ion Ratio Lower Upper
152 100
115 64.8 44.2 132.6
150 158.0 0.0 349.0

