

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031325\
 Data File : VX045275.D
 Acq On : 13 Mar 2025 17:29
 Operator : JC/MD
 Sample : Q1559-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW10-MW01S-20250311

Quant Time: Mar 14 12:29:42 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)

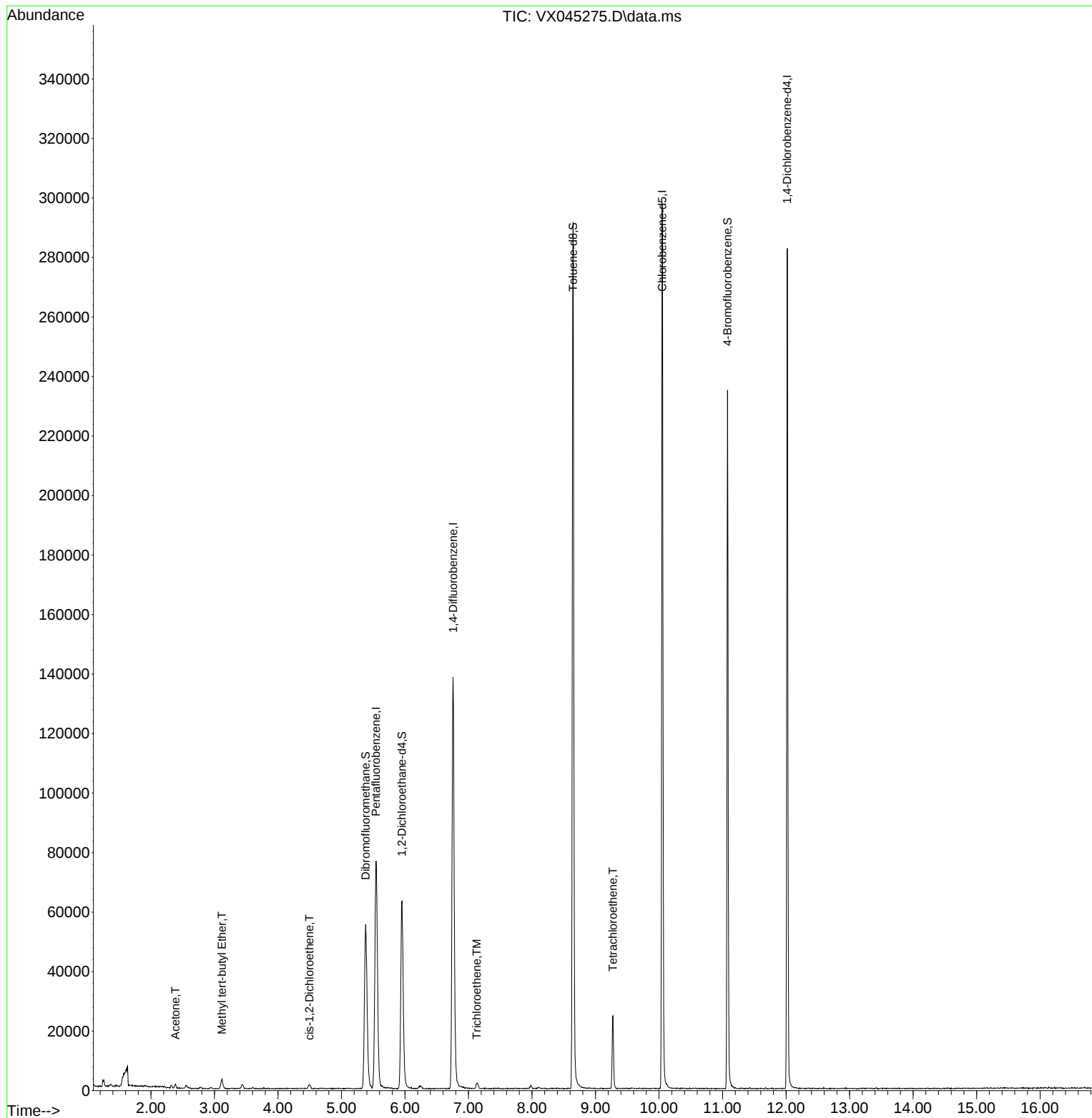
Internal Standards						
1) Pentafluorobenzene	5.544	168	68205	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	136636	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	127965	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	52163	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	60861	56.098	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	112.200%
35) Dibromofluoromethane	5.379	113	47581	52.078	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.160%
50) Toluene-d8	8.647	98	171109	51.659	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.320%
62) 4-Bromofluorobenzene	11.079	95	59369	54.090	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	108.180%
Target Compounds						
						Qvalue
16) Acetone	2.386	43	1464	2.908	ug/l	89
19) Methyl tert-butyl Ether	3.117	73	3170	1.127	ug/l	91
27) cis-1,2-Dichloroethene	4.495	96	858	0.839	ug/l	87
44) Trichloroethene	7.129	130	882	0.949	ug/l	71
64) Tetrachloroethene	9.275	164	4731	5.773	ug/l	84

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

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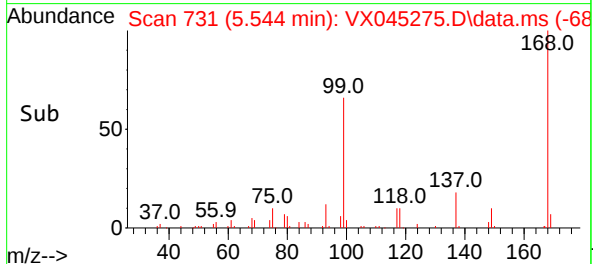
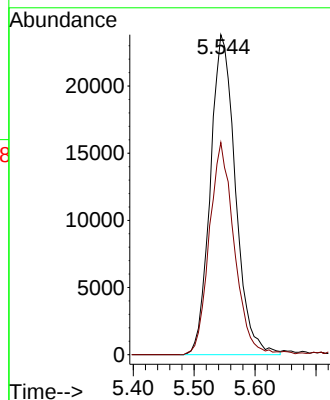
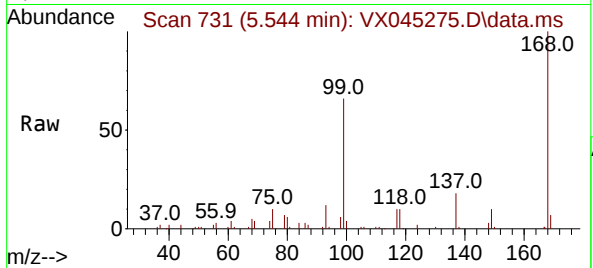




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.006 min
Lab File: VX045275.D
Acq: 13 Mar 2025 17:29

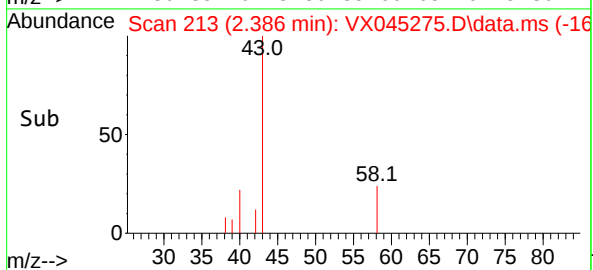
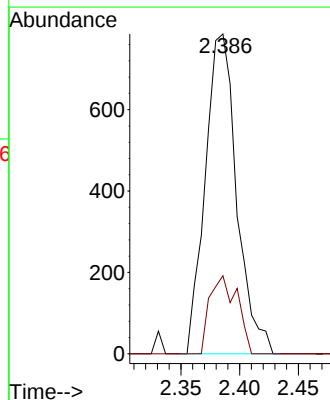
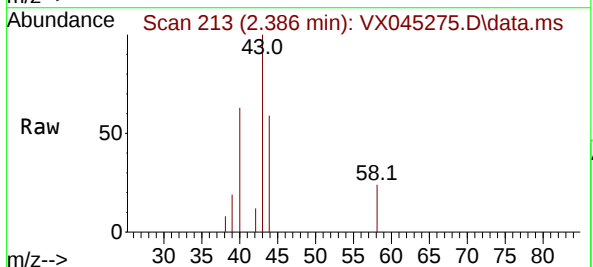
Instrument :
MSVOA_X
ClientSampleId :
RW10-MW01S-20250311

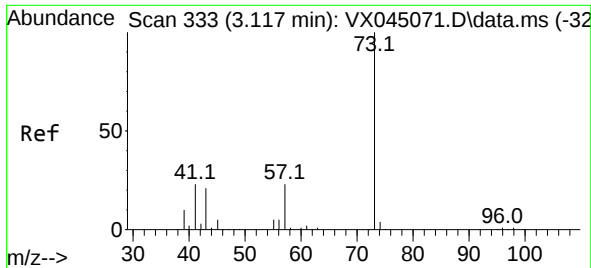
Tgt Ion:168 Resp: 68205
Ion Ratio Lower Upper
168 100
99 66.3 48.2 72.4



#16
Acetone
Concen: 2.908 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045275.D
Acq: 13 Mar 2025 17:29

Tgt Ion: 43 Resp: 1464
Ion Ratio Lower Upper
43 100
58 24.4 24.2 36.4

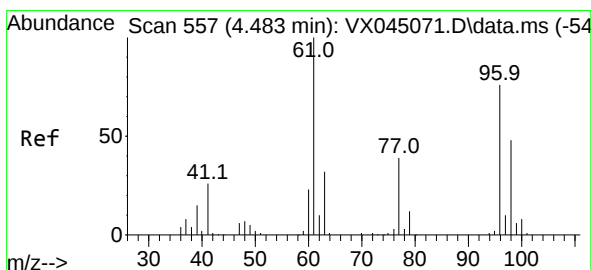
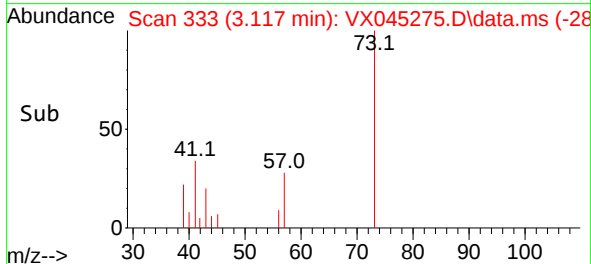
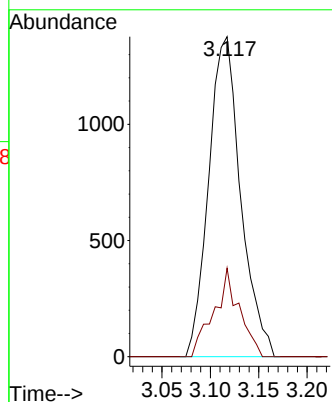
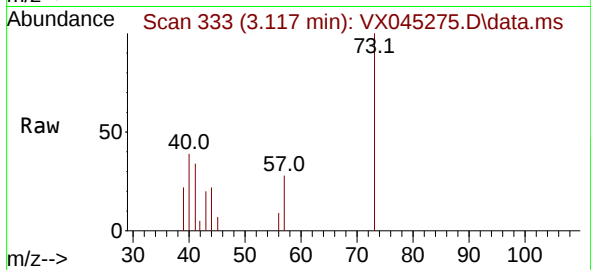




#19
Methyl tert-butyl Ether
Concen: 1.127 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX045275.D
Acq: 13 Mar 2025 17:29

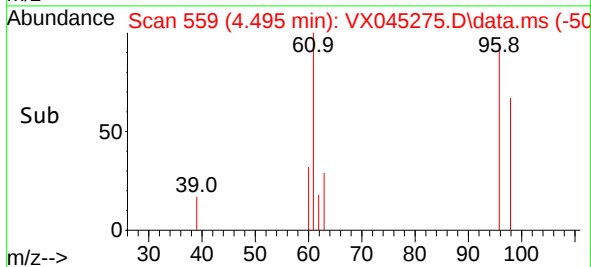
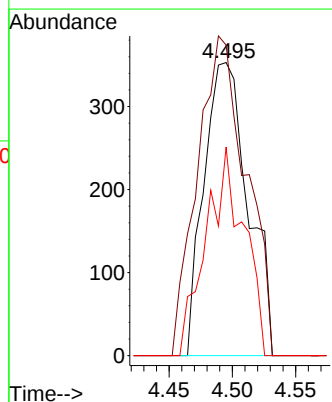
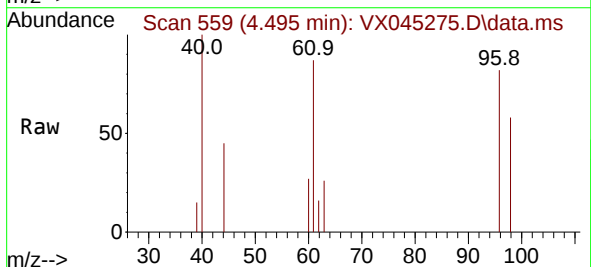
Instrument :
MSVOA_X
ClientSampleId :
RW10-MW01S-20250311

Tgt Ion: 73 Resp: 3170
Ion Ratio Lower Upper
73 100
57 27.7 18.5 27.7



#27
cis-1,2-Dichloroethene
Concen: 0.839 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.012 min
Lab File: VX045275.D
Acq: 13 Mar 2025 17:29

Tgt Ion: 96 Resp: 858
Ion Ratio Lower Upper
96 100
61 120.7 0.0 283.2
98 60.8 0.0 128.0





#33

1,2-Dichloroethane-d4

Concen: 56.098 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045275.D

Acq: 13 Mar 2025 17:29

Instrument :

MSVOA_X

ClientSampleId :

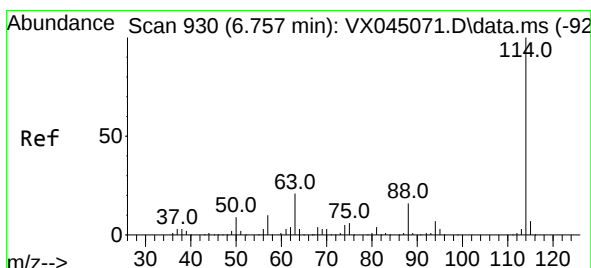
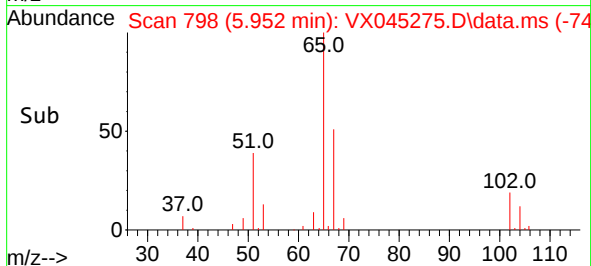
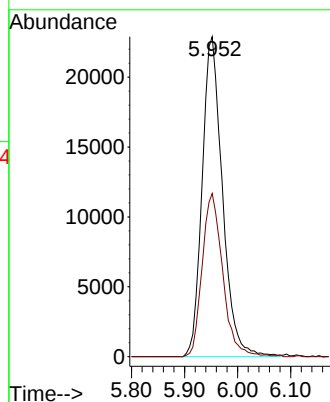
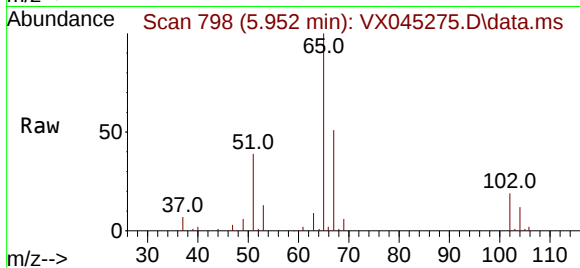
RW10-MW01S-20250311

Tgt Ion: 65 Resp: 60861

Ion Ratio Lower Upper

65 100

67 51.5 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: VX045275.D

Acq: 13 Mar 2025 17:29

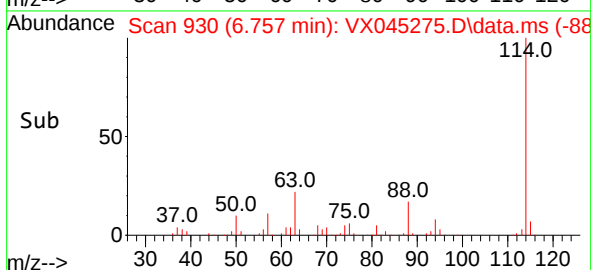
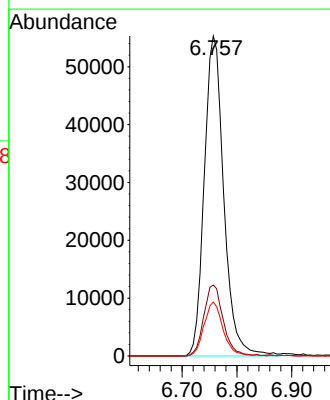
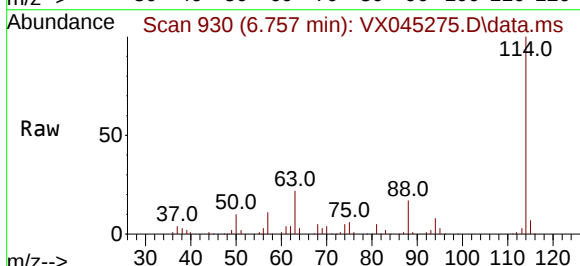
Tgt Ion: 114 Resp: 136636

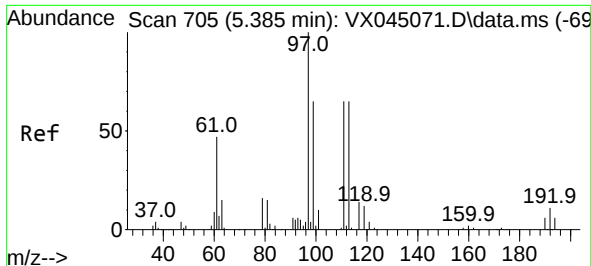
Ion Ratio Lower Upper

114 100

63 22.1 0.0 41.8

88 16.9 0.0 32.8





#35

Dibromofluoromethane

Concen: 52.078 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.006 min

Lab File: VX045275.D

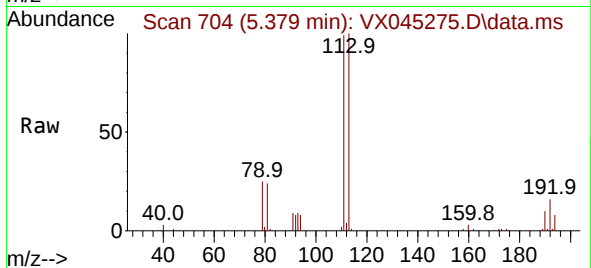
Acq: 13 Mar 2025 17:29

Instrument :

MSVOA_X

ClientSampleId :

RW10-MW01S-20250311



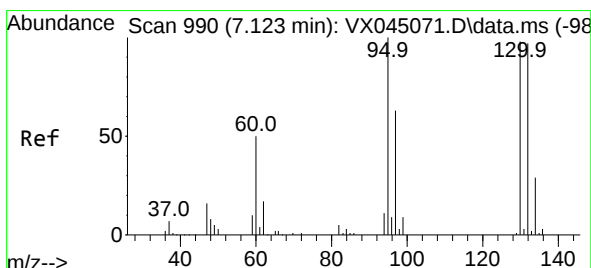
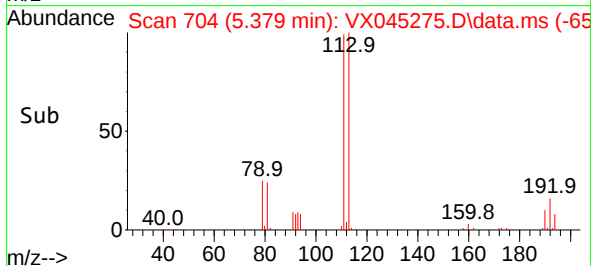
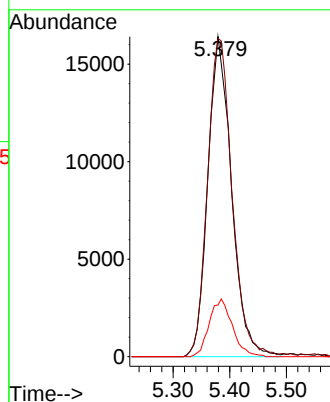
Tgt Ion:113 Resp: 47581

Ion Ratio Lower Upper

113 100

111 103.0 81.8 122.6

192 17.6 14.3 21.5



#44

Trichloroethene

Concen: 0.949 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.006 min

Lab File: VX045275.D

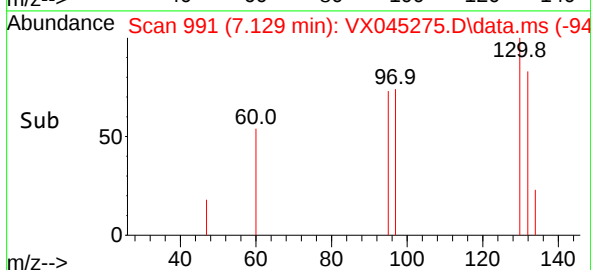
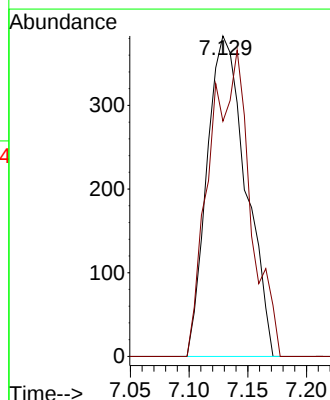
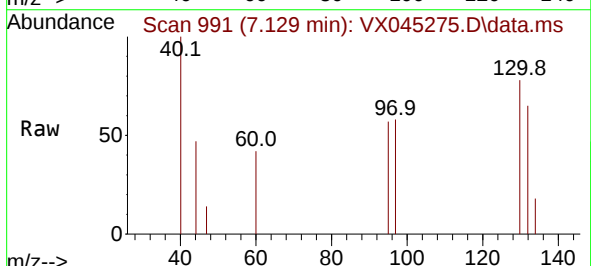
Acq: 13 Mar 2025 17:29

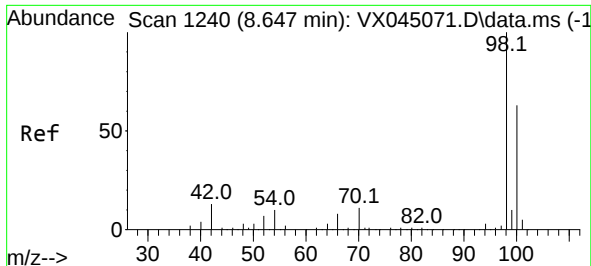
Tgt Ion:130 Resp: 882

Ion Ratio Lower Upper

130 100

95 73.4 0.0 205.0

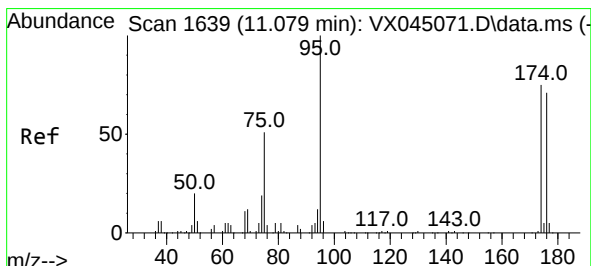
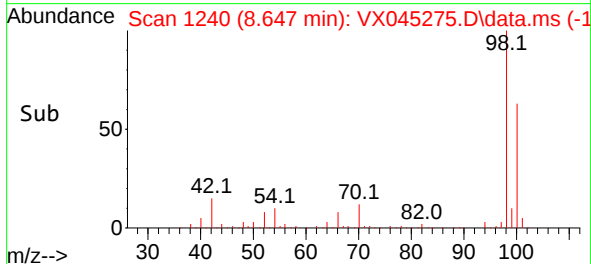
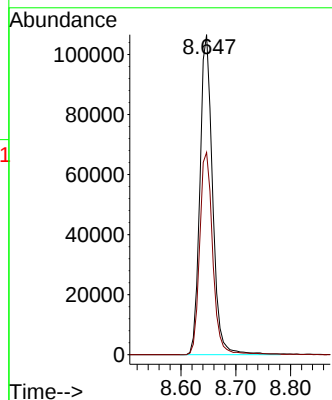
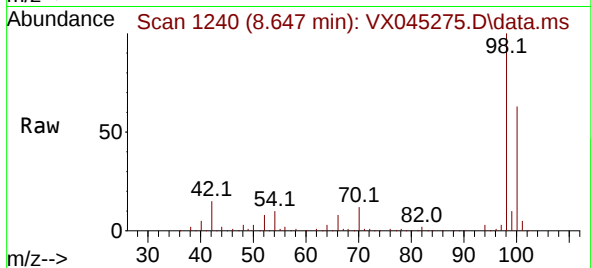




#50
Toluene-d8
Concen: 51.659 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045275.D
Acq: 13 Mar 2025 17:29

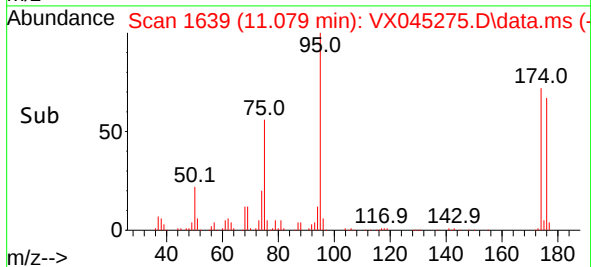
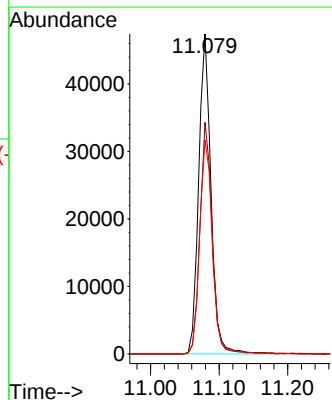
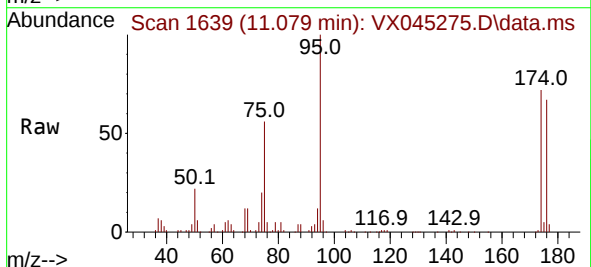
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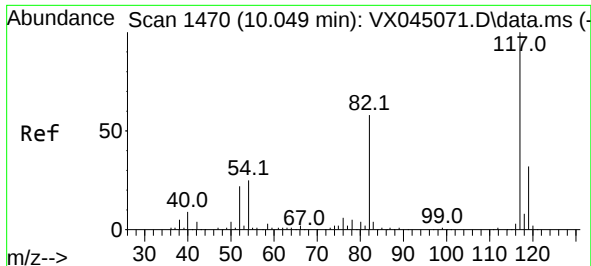
Tgt Ion: 98 Resp: 171109
Ion Ratio Lower Upper
98 100
100 65.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 54.090 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045275.D
Acq: 13 Mar 2025 17:29

Tgt Ion: 95 Resp: 59369
Ion Ratio Lower Upper
95 100
174 72.5 0.0 148.2
176 68.9 0.0 141.4

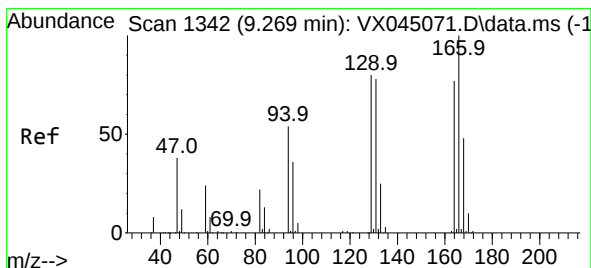
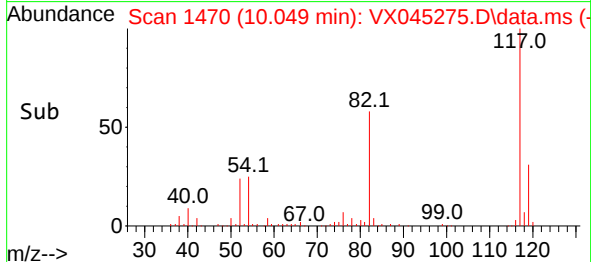
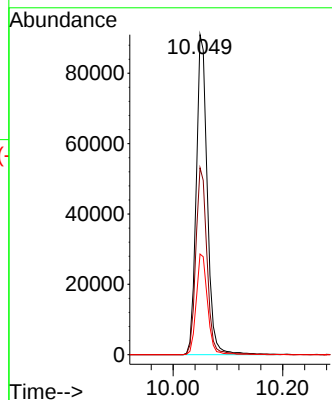
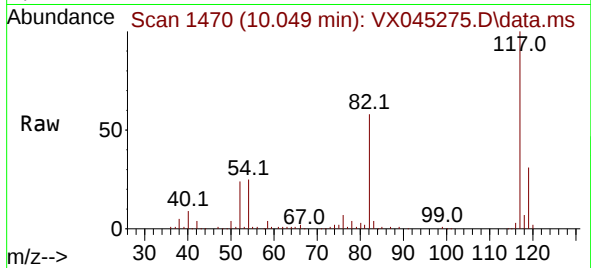




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045275.D
Acq: 13 Mar 2025 17:29

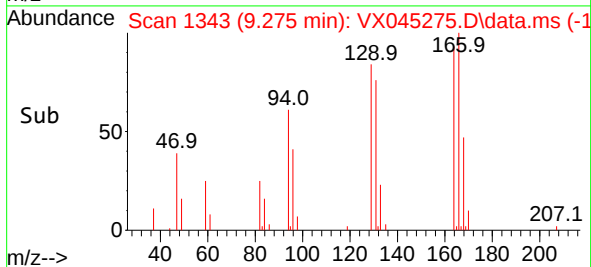
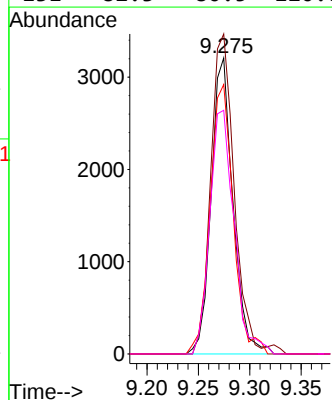
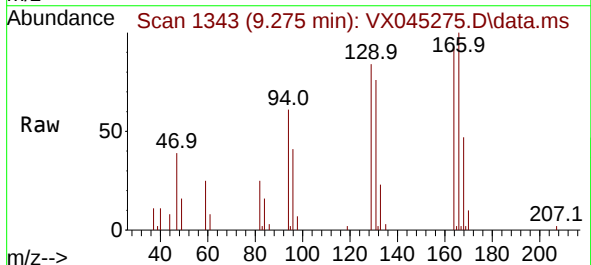
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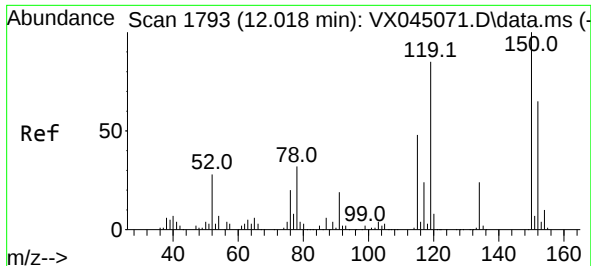
Tgt Ion:117 Resp: 127965
Ion Ratio Lower Upper
117 100
82 58.4 46.3 69.5
119 31.4 25.7 38.5



#64
Tetrachloroethene
Concen: 5.773 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX045275.D
Acq: 13 Mar 2025 17:29

Tgt Ion:164 Resp: 4731
Ion Ratio Lower Upper
164 100
166 108.1 103.6 155.4
129 91.0 82.7 124.1
131 82.3 80.5 120.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX045275.D

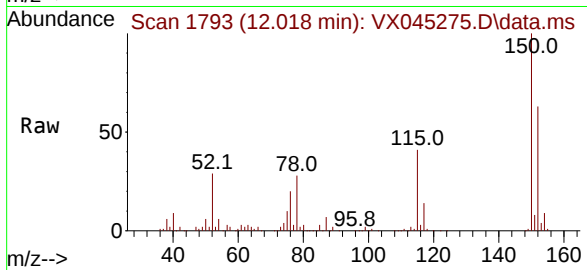
Acq: 13 Mar 2025 17:29

Instrument :

MSVOA_X

ClientSampleId :

RW10-MW01S-20250311



Tgt Ion:152 Resp: 52163

Ion Ratio Lower Upper

152 100

115 62.6 44.2 132.6

150 159.3 0.0 349.0

