

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032425\
 Data File : VX045425.D
 Acq On : 24 Mar 2025 19:10
 Operator : JC/MD
 Sample : Q1608-25
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW8-MW01D1-20250319

Quant Time: Mar 25 01:39:50 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	5.550	168	73419	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	139770	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	122679	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	49536	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63372	54.264	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	108.520%
35) Dibromofluoromethane	5.379	113	48353	51.736	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.480%
50) Toluene-d8	8.647	98	163194	48.164	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.320%
62) 4-Bromofluorobenzene	11.079	95	54076	48.163	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	96.320%

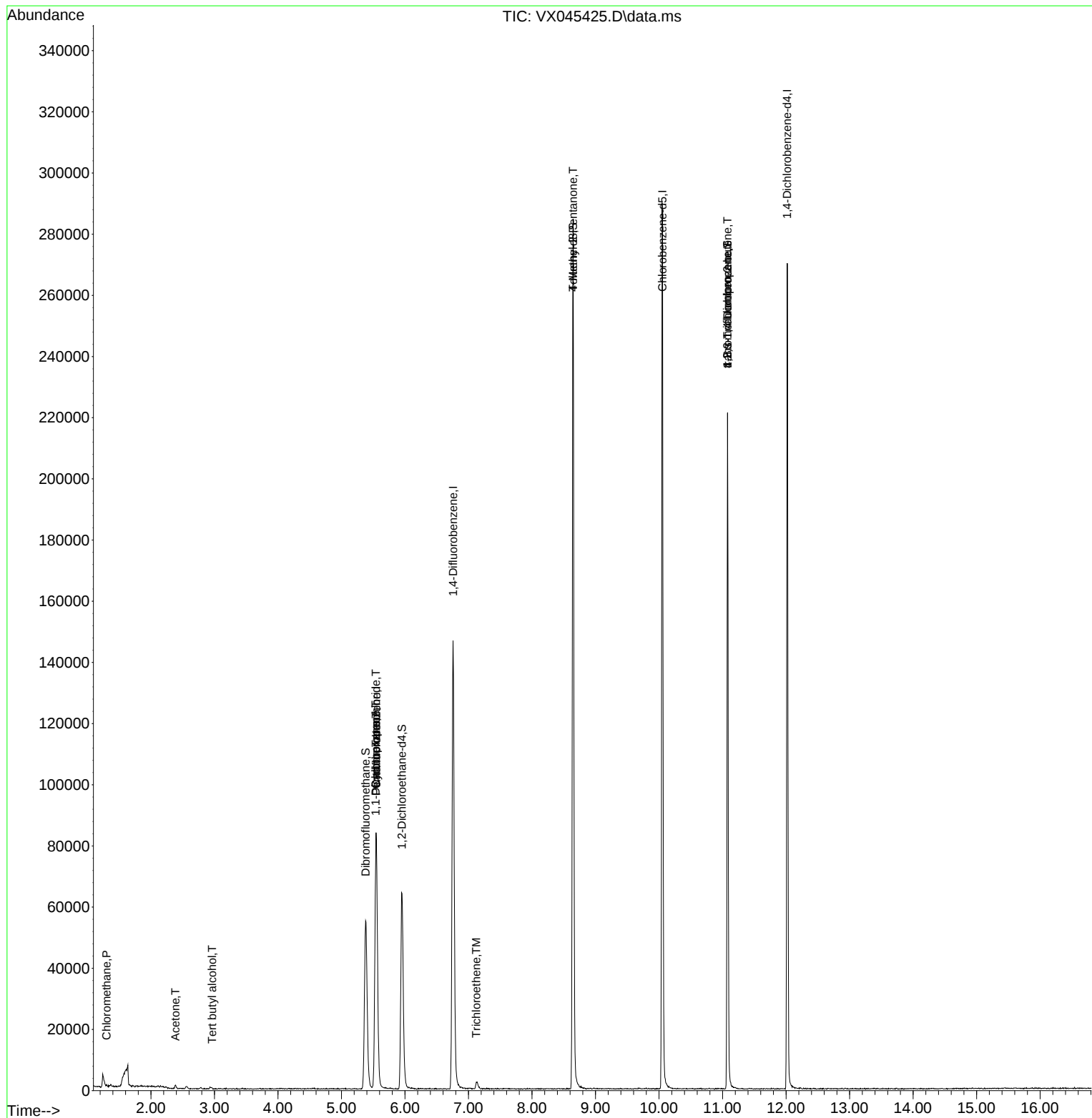
Target Compounds					Qvalue	
3) Chloromethane	1.300	50	277	0.245	ug/l #	43
11) Tert butyl alcohol	2.965	59	149	0.674	ug/l #	73
16) Acetone	2.386	43	1156	2.133	ug/l	95
31) Cyclohexane	5.544	56	2077	1.307	ug/l #	20
36) 1,1-Dichloropropene	5.538	75	6976	5.443	ug/l #	46
38) Carbon Tetrachloride	5.544	117	8196	6.299	ug/l #	15
44) Trichloroethene	7.123	130	1075	1.131	ug/l	95
51) 4-Methyl-2-Pentanone	8.647	43	932	0.568	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	31631	27.435	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	31631	93.887	ug/l #	6

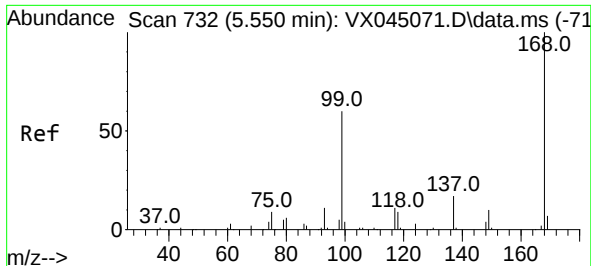
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

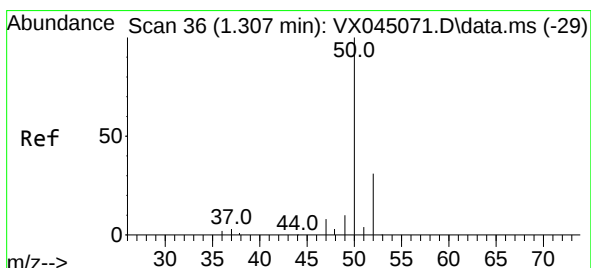
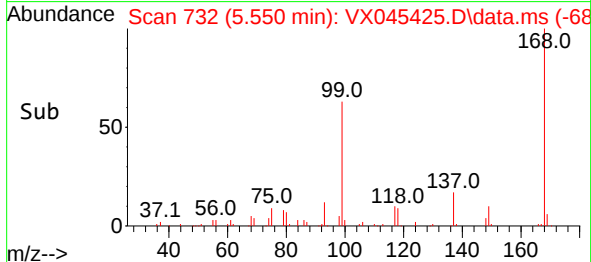
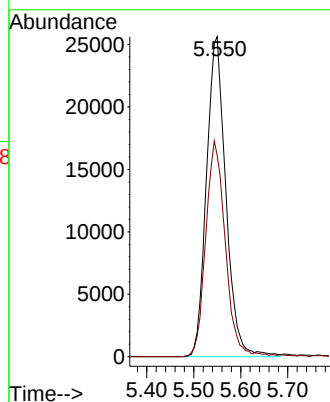
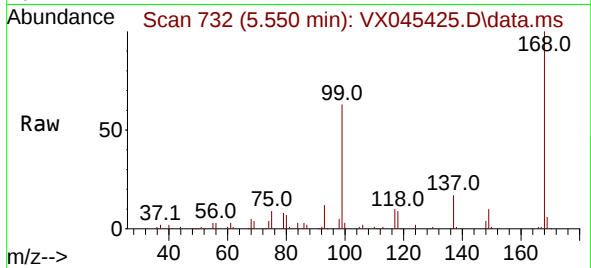




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045425.D
Acq: 24 Mar 2025 19:10

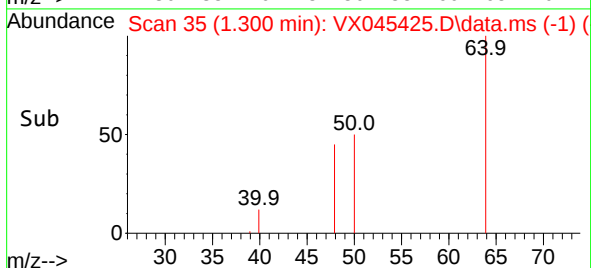
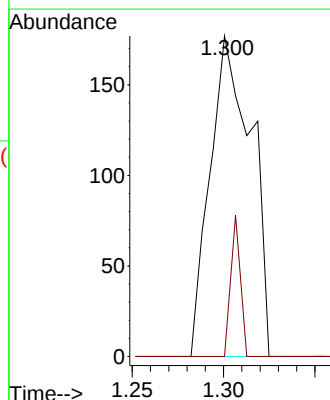
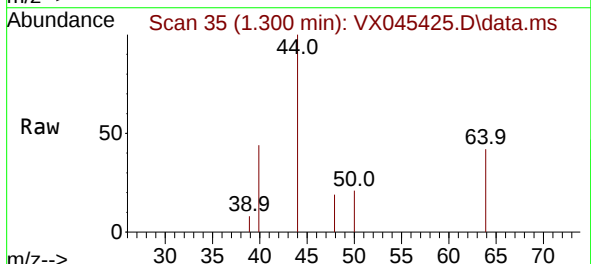
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D1-20250319

Tgt Ion:168 Resp: 73419
Ion Ratio Lower Upper
168 100
99 62.9 48.2 72.4



#3
Chloromethane
Concen: 0.245 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.006 min
Lab File: VX045425.D
Acq: 24 Mar 2025 19:10

Tgt Ion: 50 Resp: 277
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#





#11

Tert butyl alcohol

Concen: 0.674 ug/l

RT: 2.965 min Scan# 308

Delta R.T. -0.018 min

Lab File: VX045425.D

Acq: 24 Mar 2025 19:10

Instrument :

MSVOA_X

ClientSampleId :

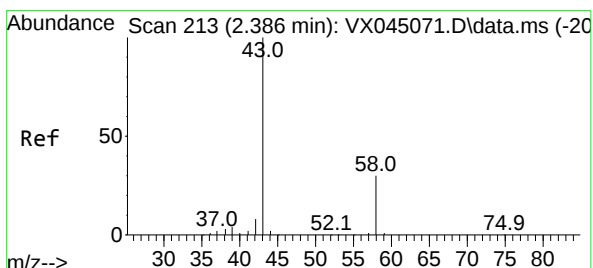
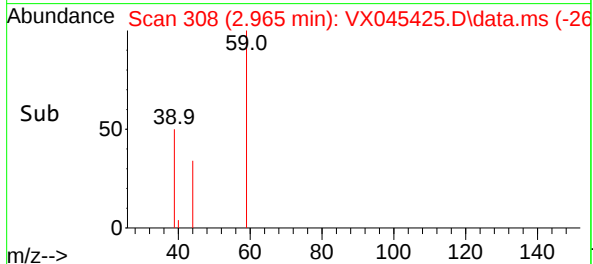
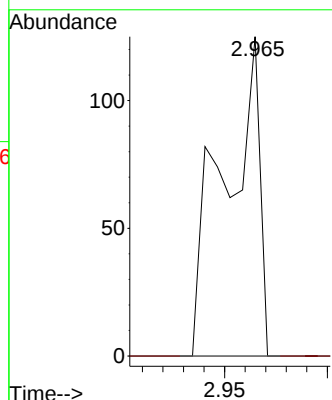
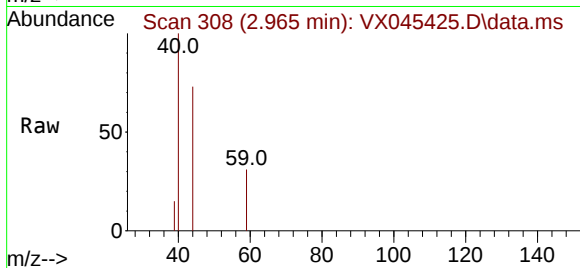
RW8-MW01D1-20250319

Tgt Ion: 59 Resp: 149

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#



#16

Acetone

Concen: 2.133 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.000 min

Lab File: VX045425.D

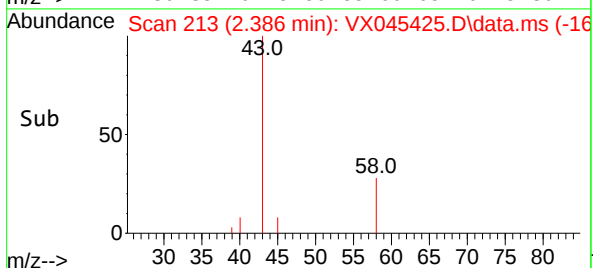
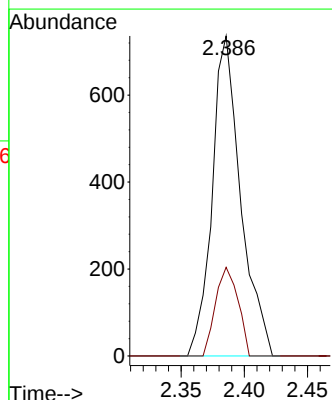
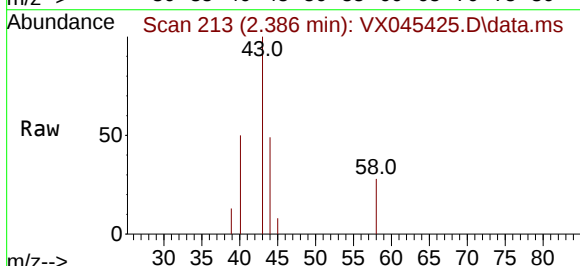
Acq: 24 Mar 2025 19:10

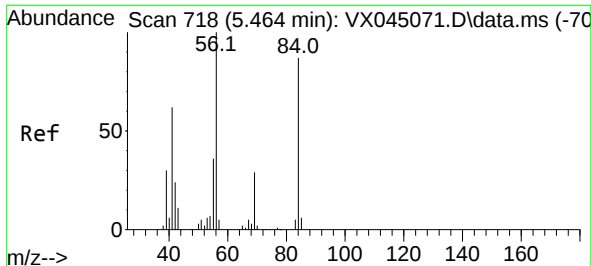
Tgt Ion: 43 Resp: 1156

Ion Ratio Lower Upper

43 100

58 27.7 24.2 36.4

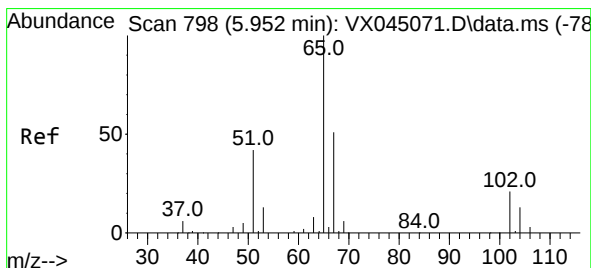
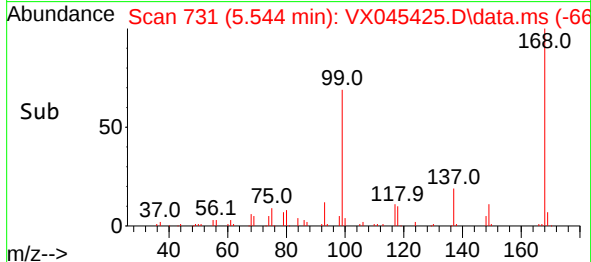
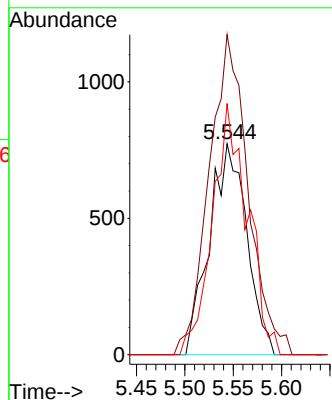
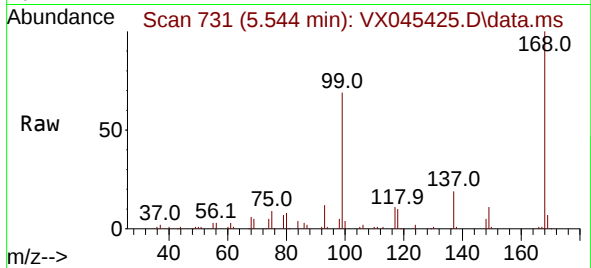




#31
Cyclohexane
Concen: 1.307 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX045425.D
Acq: 24 Mar 2025 19:10

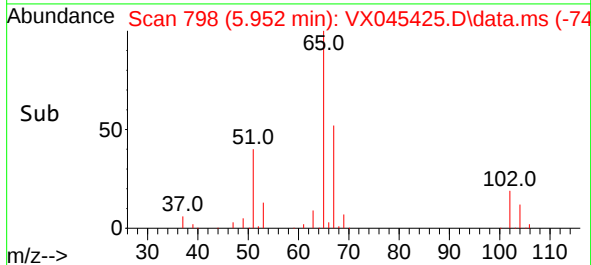
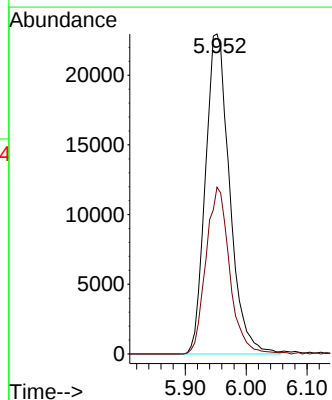
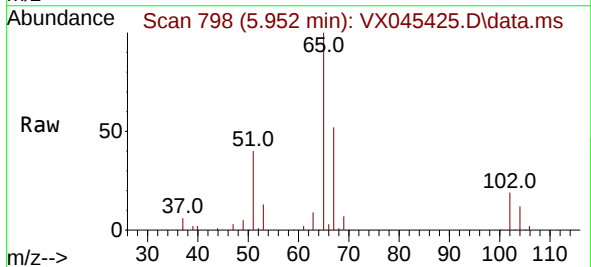
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D1-20250319

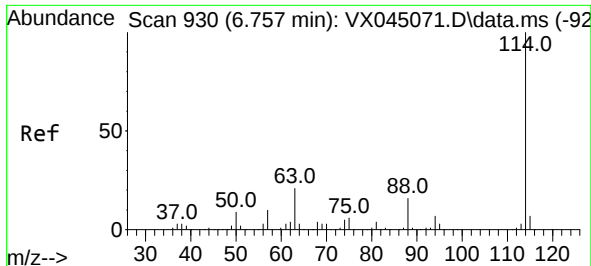
Tgt Ion: 56 Resp: 2077
Ion Ratio Lower Upper
56 100
69 144.5 23.4 35.2#
84 119.1 69.4 104.2#



#33
1,2-Dichloroethane-d4
Concen: 54.264 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045425.D
Acq: 24 Mar 2025 19:10

Tgt Ion: 65 Resp: 63372
Ion Ratio Lower Upper
65 100
67 51.0 0.0 106.2

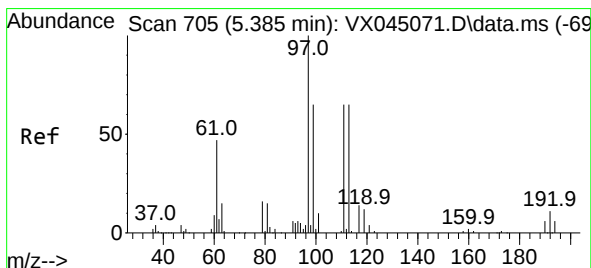
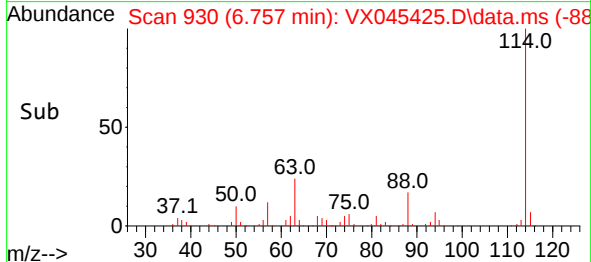
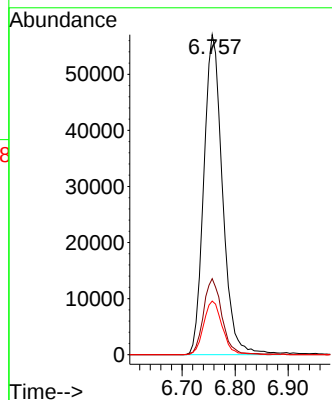
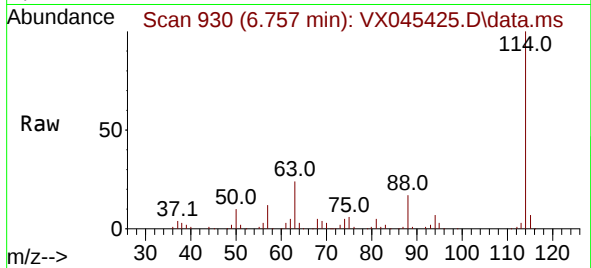




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045425.D
Acq: 24 Mar 2025 19:10

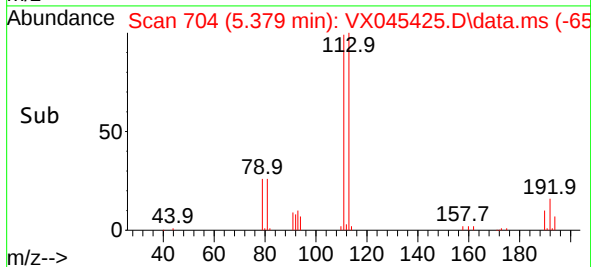
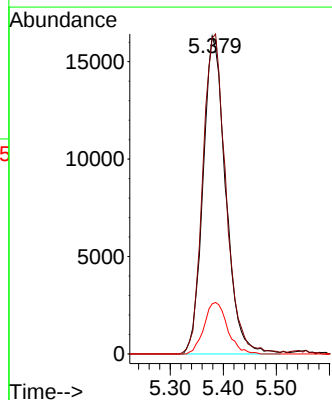
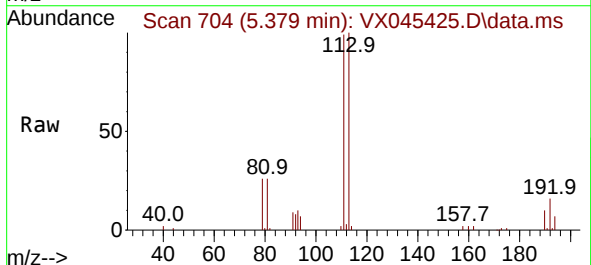
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D1-20250319

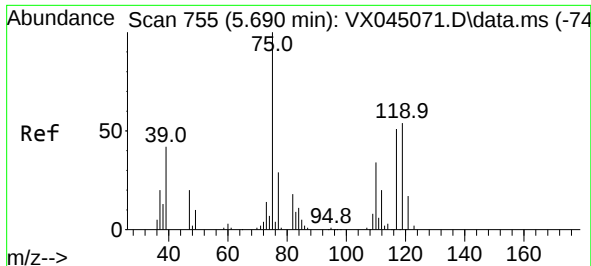
Tgt Ion:114 Resp: 139770
Ion Ratio Lower Upper
114 100
63 23.8 0.0 41.8
88 16.8 0.0 32.8



#35
Dibromofluoromethane
Concen: 51.736 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX045425.D
Acq: 24 Mar 2025 19:10

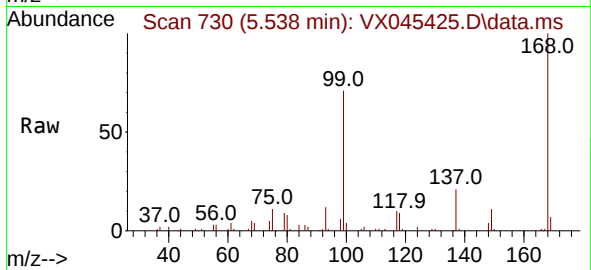
Tgt Ion:113 Resp: 48353
Ion Ratio Lower Upper
113 100
111 102.8 81.8 122.6
192 16.7 14.3 21.5



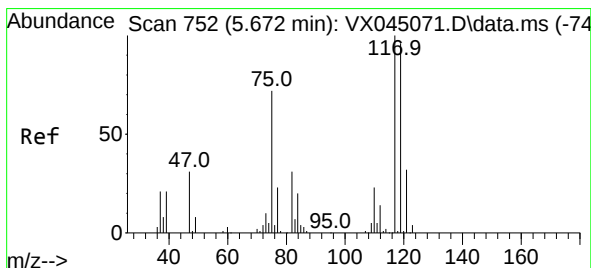
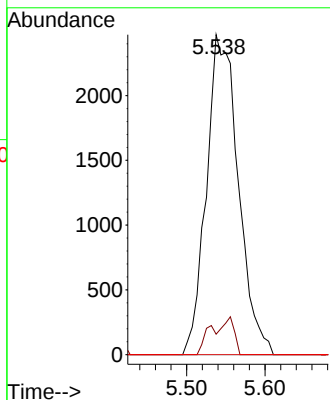
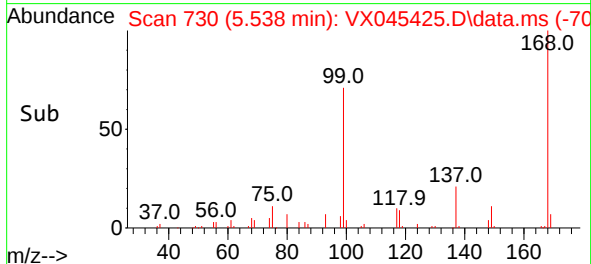


#36
1,1-Dichloropropene
Concen: 5.443 ug/l
RT: 5.538 min Scan# 711
Delta R.T. -0.153 min
Lab File: VX045425.D
Acq: 24 Mar 2025 19:10

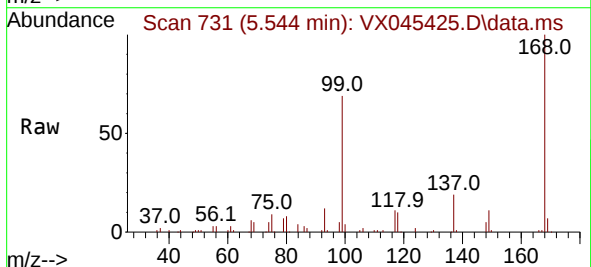
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ClientSampleId :
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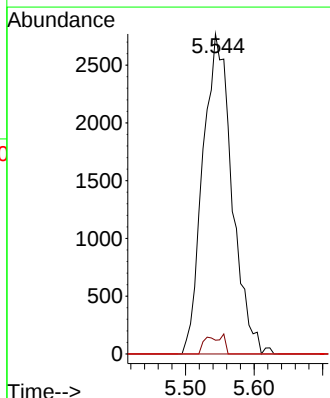
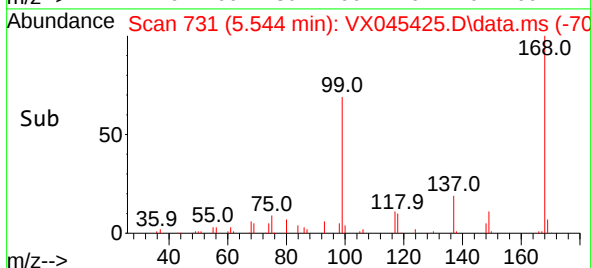
Tgt Ion: 75 Resp: 6976
Ion Ratio Lower Upper
75 100
110 3.5 16.9 50.6#
77 0.0 24.5 36.7#

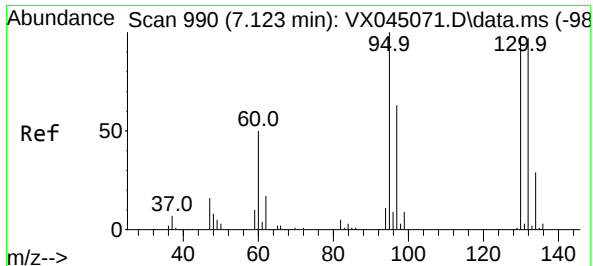


#38
Carbon Tetrachloride
Concen: 6.299 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX045425.D
Acq: 24 Mar 2025 19:10



Tgt Ion: 117 Resp: 8196
Ion Ratio Lower Upper
117 100
119 4.3 76.7 115.1#
121 0.0 25.5 38.3#

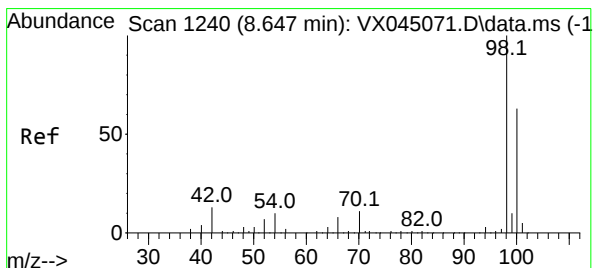
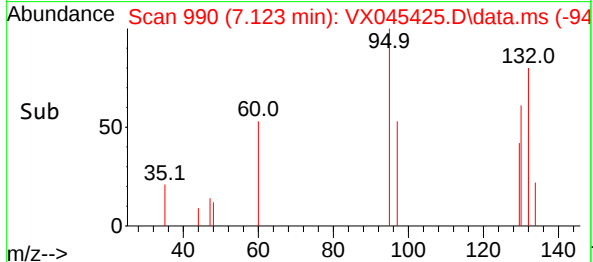
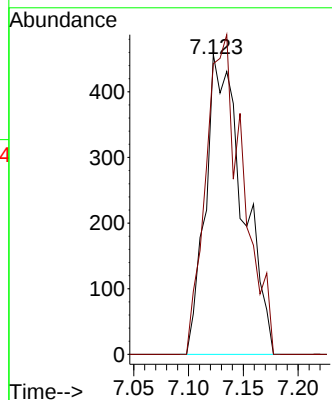
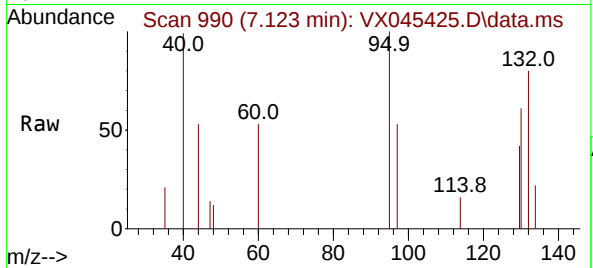




#44
Trichloroethene
Concen: 1.131 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX045425.D
Acq: 24 Mar 2025 19:10

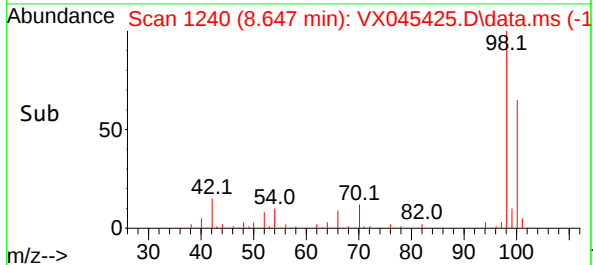
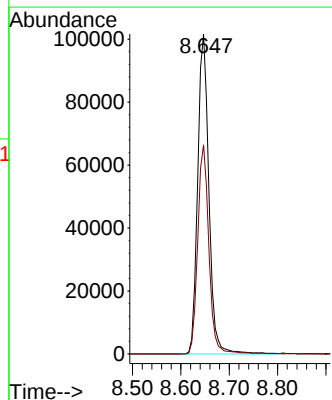
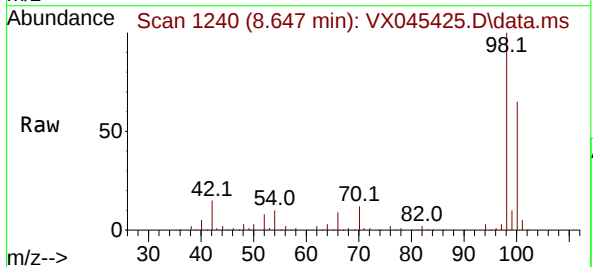
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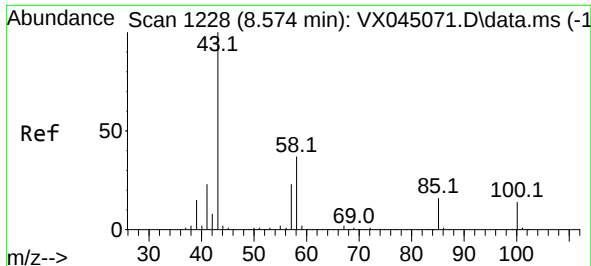
Tgt Ion:130 Resp: 1075
Ion Ratio Lower Upper
130 100
95 96.9 0.0 205.0



#50
Toluene-d8
Concen: 48.164 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045425.D
Acq: 24 Mar 2025 19:10

Tgt Ion: 98 Resp: 163194
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0

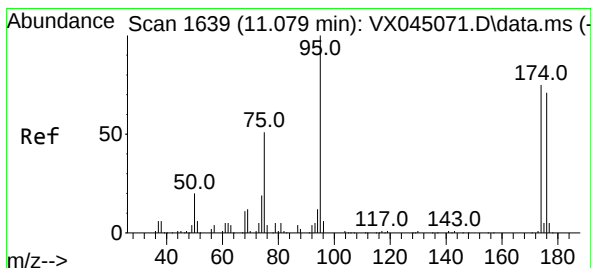
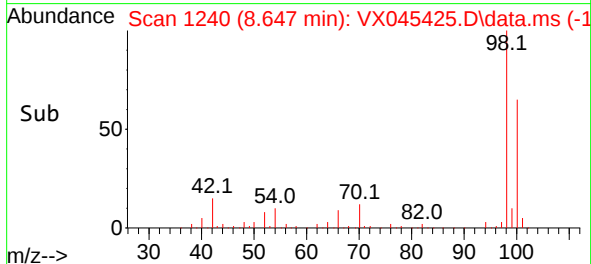
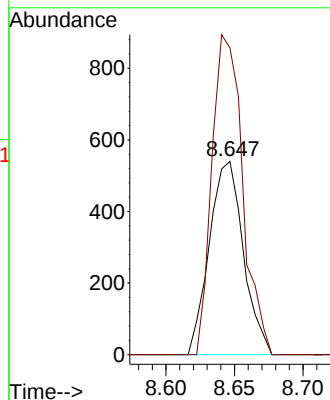
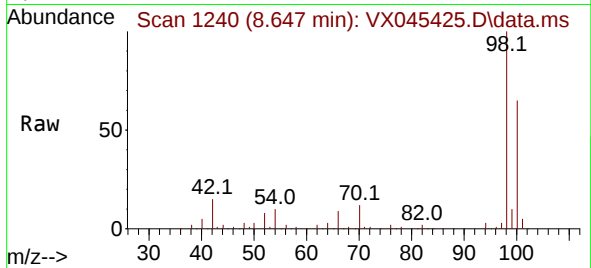




#51
4-Methyl-2-Pentanone
Concen: 0.568 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX045425.D
Acq: 24 Mar 2025 19:10

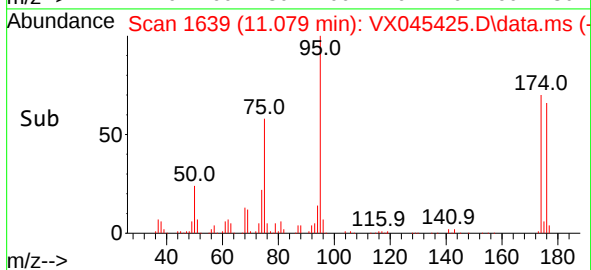
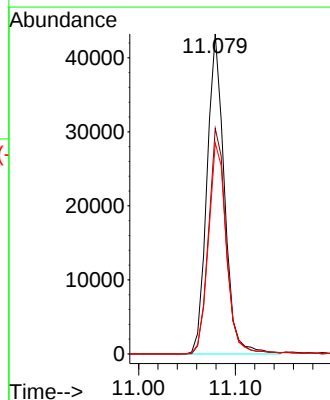
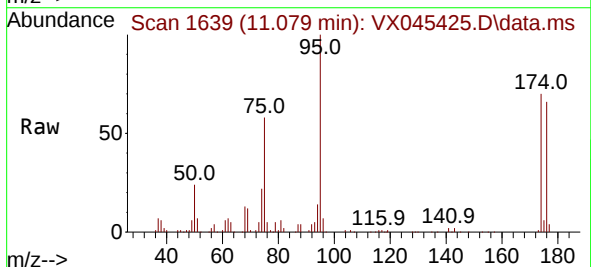
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D1-20250319

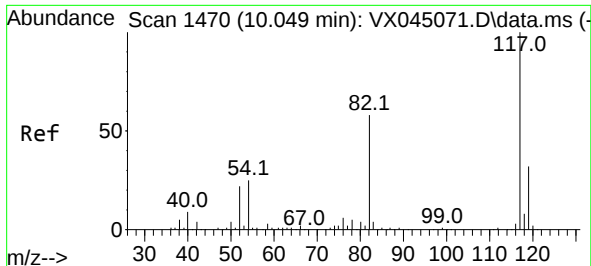
Tgt Ion: 43 Resp: 932
Ion Ratio Lower Upper
43 100
58 149.4 29.2 43.8#



#62
4-Bromofluorobenzene
Concen: 48.163 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045425.D
Acq: 24 Mar 2025 19:10

Tgt Ion: 95 Resp: 54076
Ion Ratio Lower Upper
95 100
174 71.2 0.0 148.2
176 69.0 0.0 141.4

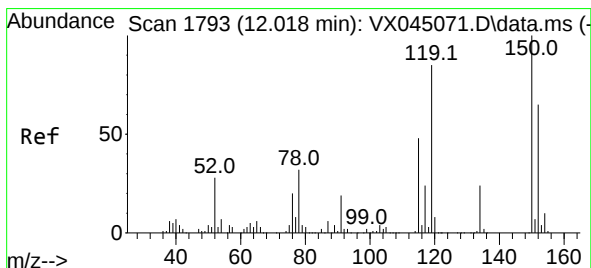
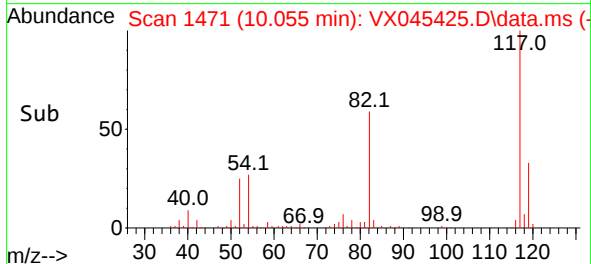
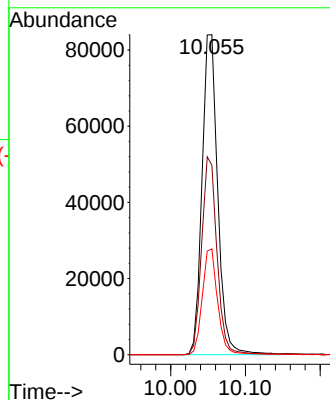
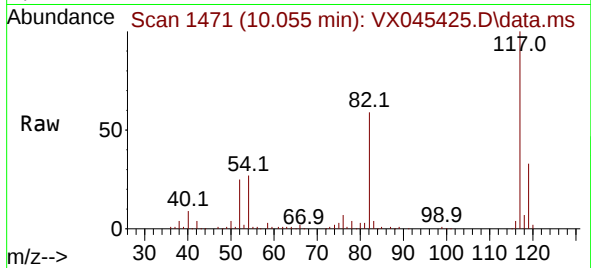




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX045425.D
Acq: 24 Mar 2025 19:10

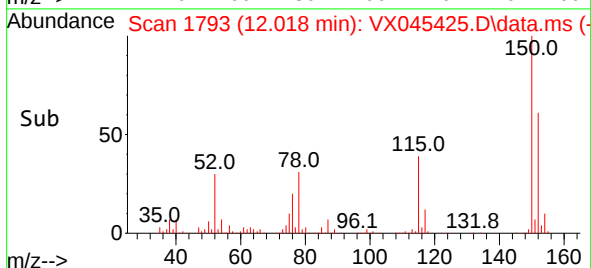
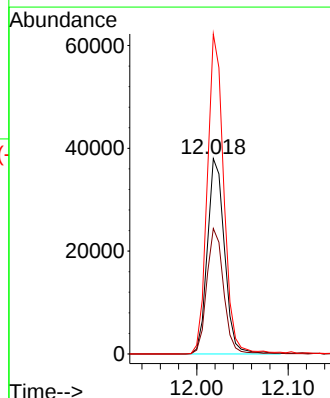
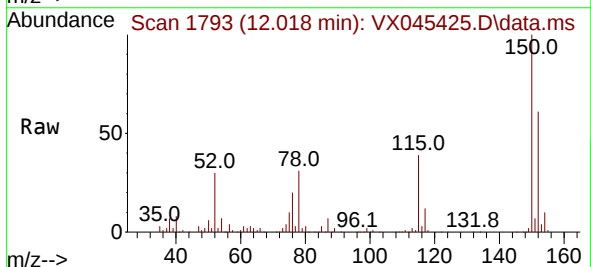
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D1-20250319

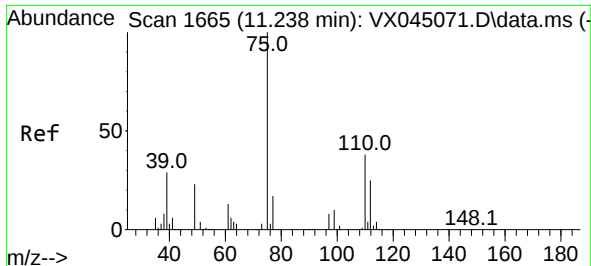
Tgt Ion:117 Resp: 122679
Ion Ratio Lower Upper
117 100
82 59.2 46.3 69.5
119 33.0 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045425.D
Acq: 24 Mar 2025 19:10

Tgt Ion:152 Resp: 49536
Ion Ratio Lower Upper
152 100
115 63.3 44.2 132.6
150 158.4 0.0 349.0

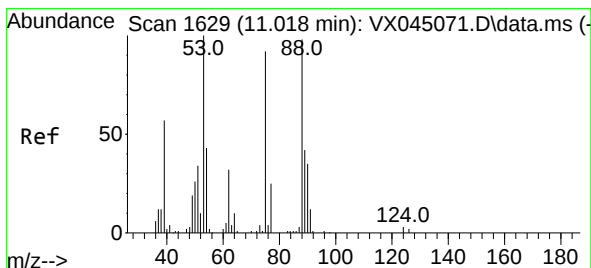
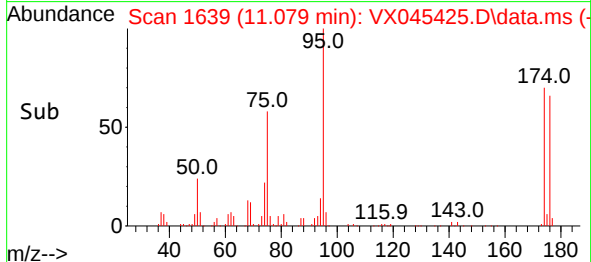
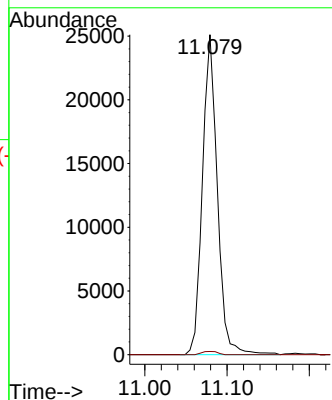
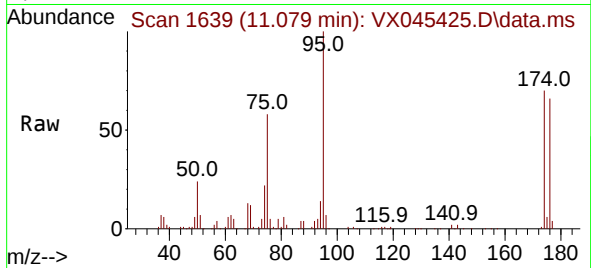




#76
1,2,3-Trichloropropane
Concen: 27.435 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX045425.D
Acq: 24 Mar 2025 19:10

Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D1-20250319

Tgt Ion: 75 Resp: 31631
Ion Ratio Lower Upper
75 100
77 1.1 20.7 62.1#



#81
trans-1,4-Dichloro-2-butene
Concen: 93.887 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045425.D
Acq: 24 Mar 2025 19:10

Tgt Ion: 75 Resp: 31631
Ion Ratio Lower Upper
75 100
53 0.0 88.5 132.7#
89 0.0 36.2 54.4#

