

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040725\
 Data File : VX045626.D
 Acq On : 07 Apr 2025 14:06
 Operator : JC/MD
 Sample : Q1741-02 200X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RMW-06B-74-040425

Quant Time: Apr 08 01:35:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

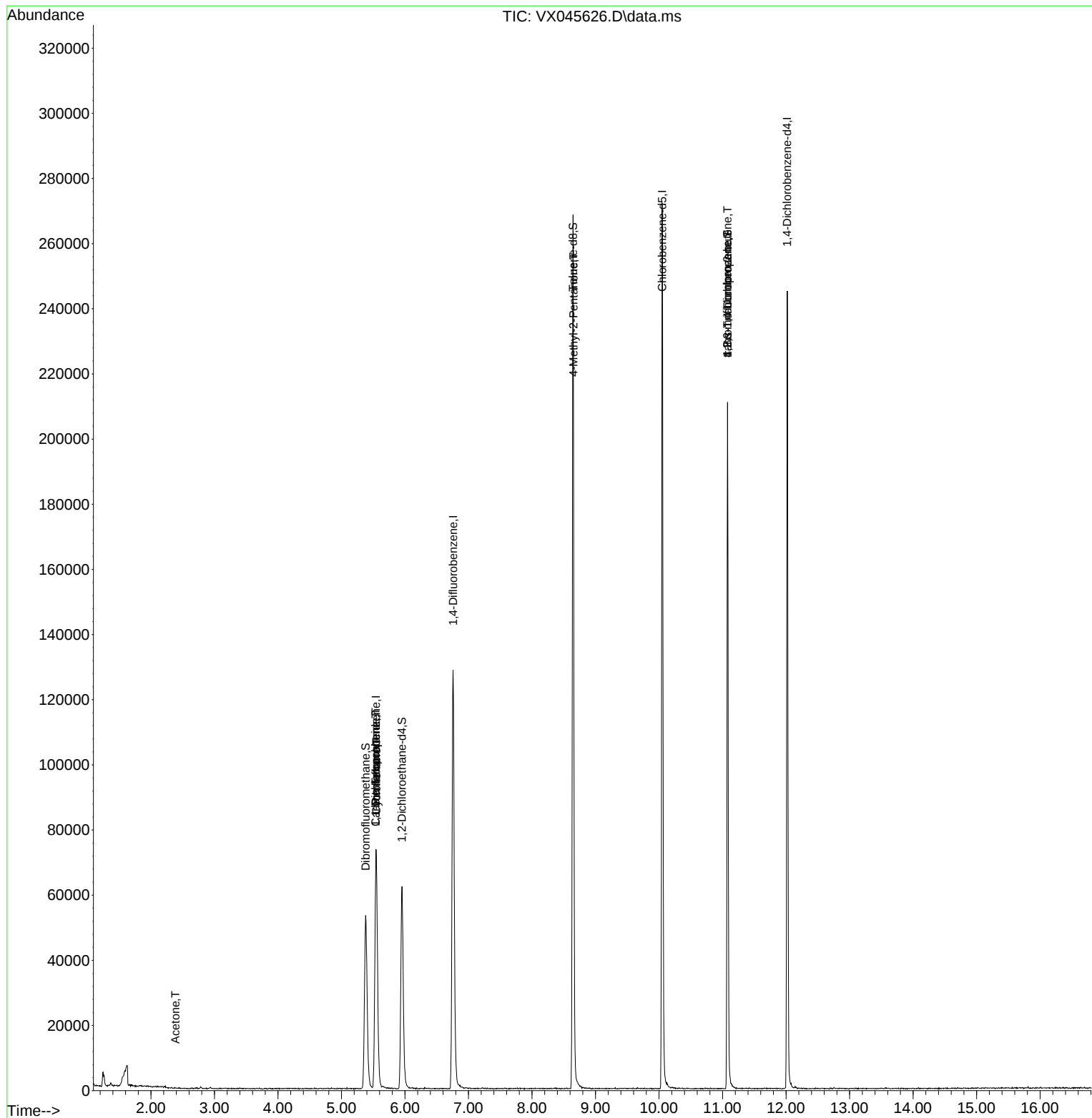
Internal Standards						
1) Pentafluorobenzene	5.544	168	62235	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	121501	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	111734	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	45262	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63957	56.196	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 112.400%	
35) Dibromofluoromethane	5.379	113	46014	53.377	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.760%	
50) Toluene-d8	8.647	98	153485	51.010	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.020%	
62) 4-Bromofluorobenzene	11.079	95	55016	50.198	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 100.400%	
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	202	0.432	ug/l #	47
31) Cyclohexane	5.550	56	1846	1.322	ug/l #	28
36) 1,1-Dichloropropene	5.538	75	6241	5.362	ug/l #	49
38) Carbon Tetrachloride	5.538	117	7367	5.856	ug/l #	15
51) 4-Methyl-2-Pentanone	8.653	43	911	0.618	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	32140	29.111	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	32140	98.799	ug/l #	1

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

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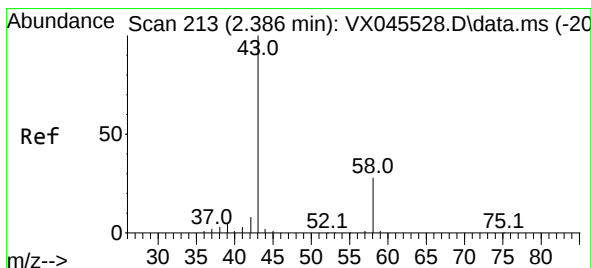
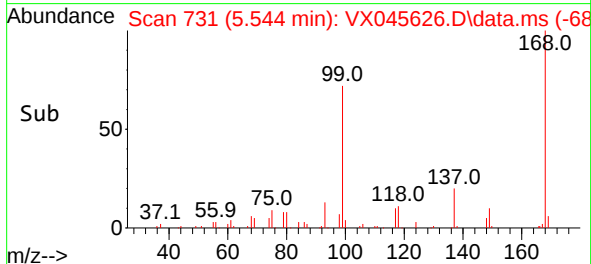
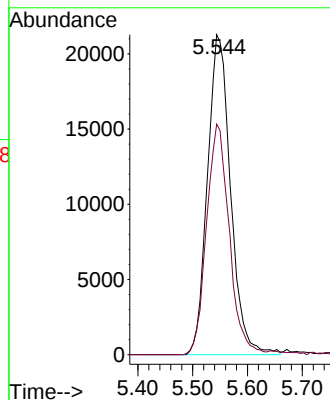
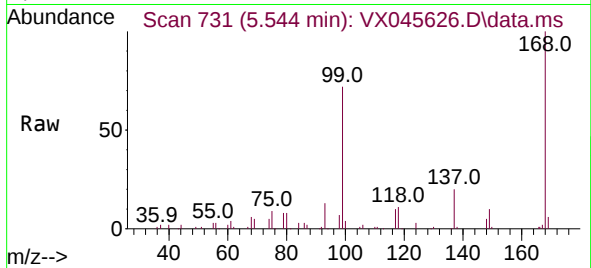




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045626.D
Acq: 07 Apr 2025 14:06

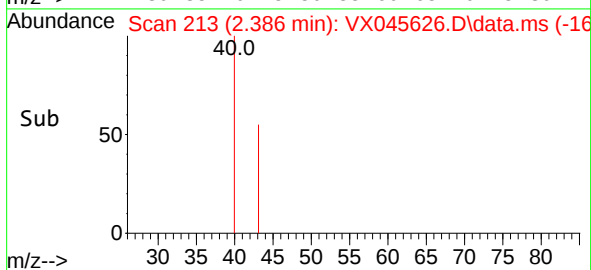
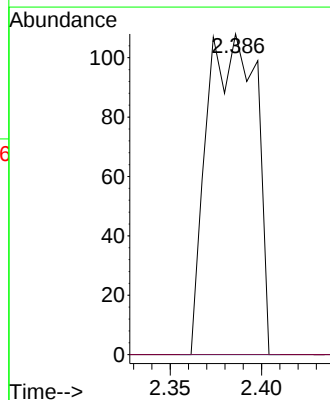
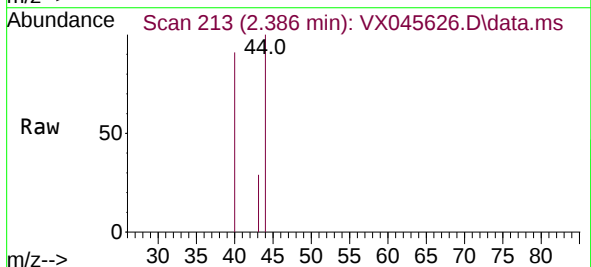
Instrument :
MSVOA_X
ClientSampleId :
RMW-06B-74-040425

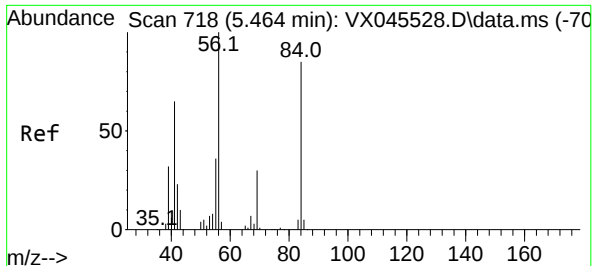
Tgt Ion:168 Resp: 62235
Ion Ratio Lower Upper
168 100
99 72.1 52.3 78.5



#16
Acetone
Concen: 0.432 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX045626.D
Acq: 07 Apr 2025 14:06

Tgt Ion: 43 Resp: 202
Ion Ratio Lower Upper
43 100
58 0.0 22.3 33.5#





#31

Cyclohexane

Concen: 1.322 ug/l

RT: 5.550 min Scan# 718

Delta R.T. 0.085 min

Lab File: VX045626.D

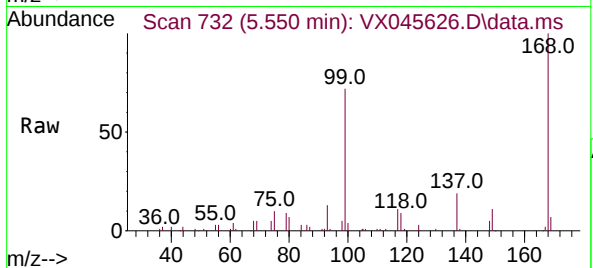
Acq: 07 Apr 2025 14:06

Instrument :

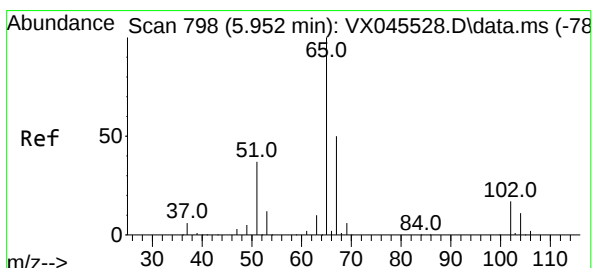
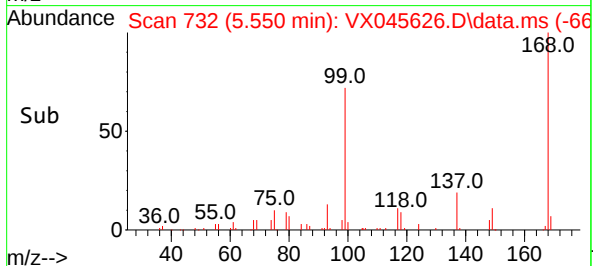
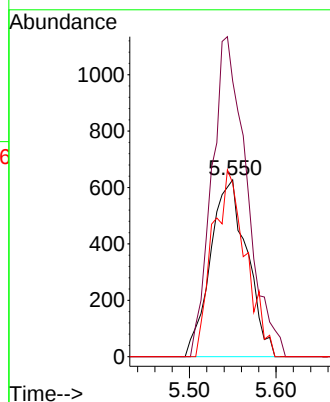
MSVOA_X

ClientSampleId :

RMW-06B-74-040425



Tgt Ion:	56	Resp:	1846
Ion	Ratio	Lower	Upper
56	100		
69	156.0	23.6	35.4#
84	98.2	67.7	101.5



#33

1,2-Dichloroethane-d4

Concen: 56.196 ug/l

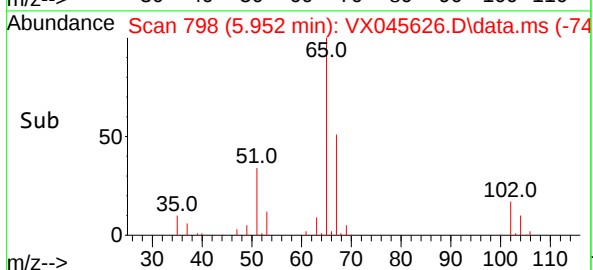
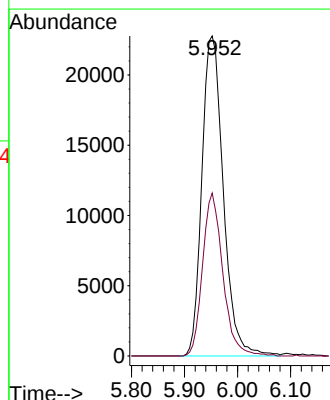
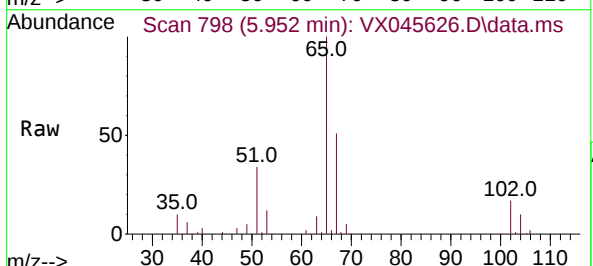
RT: 5.952 min Scan# 798

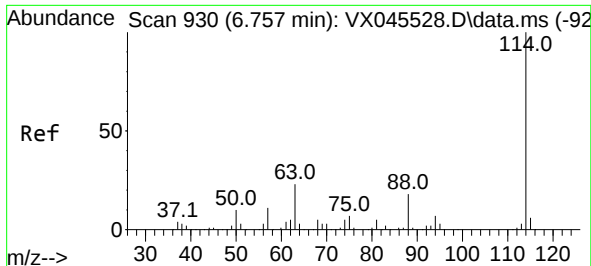
Delta R.T. 0.000 min

Lab File: VX045626.D

Acq: 07 Apr 2025 14:06

Tgt Ion:	65	Resp:	63957
Ion	Ratio	Lower	Upper
65	100		
67	48.2	0.0	99.0

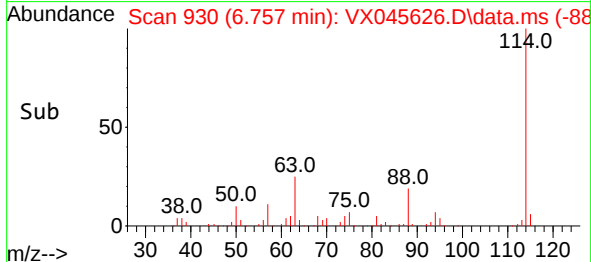
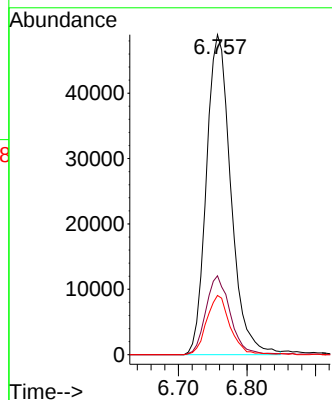
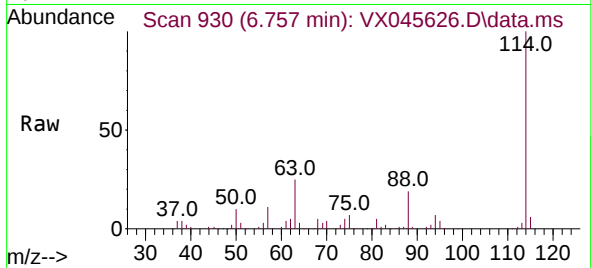




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX045626.D
Acq: 07 Apr 2025 14:06

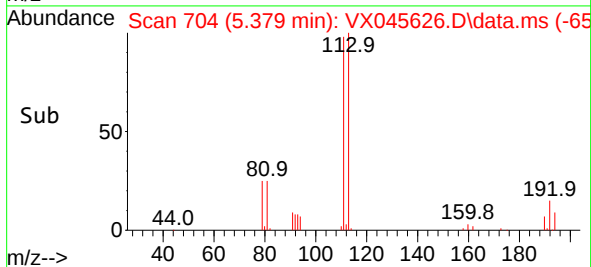
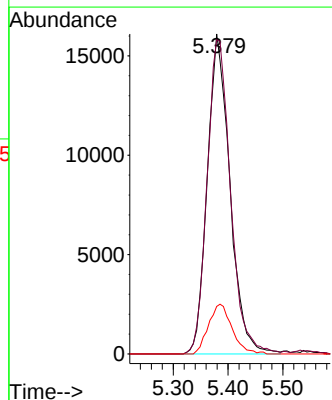
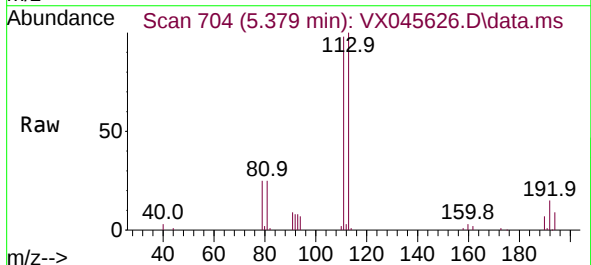
Instrument :
MSVOA_X
ClientSampleId :
RMW-06B-74-040425

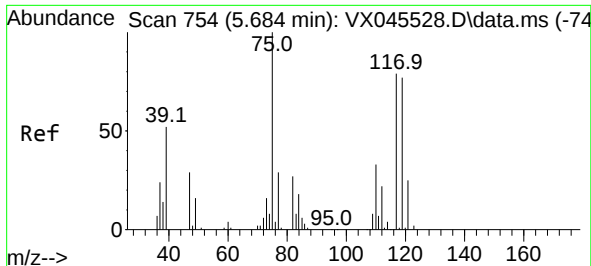
Tgt Ion:114	Resp:	121501
Ion Ratio	Lower	Upper
114	100	
63	24.7	0.0 46.8
88	18.5	0.0 35.4



#35
Dibromofluoromethane
Concen: 53.377 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045626.D
Acq: 07 Apr 2025 14:06

Tgt Ion:113	Resp:	46014
Ion Ratio	Lower	Upper
113	100	
111	102.0	81.8 122.6
192	16.3	13.8 20.6





#36

1,1-Dichloropropene

Concen: 5.362 ug/l

RT: 5.538 min Scan# 710

Delta R.T. -0.146 min

Lab File: VX045626.D

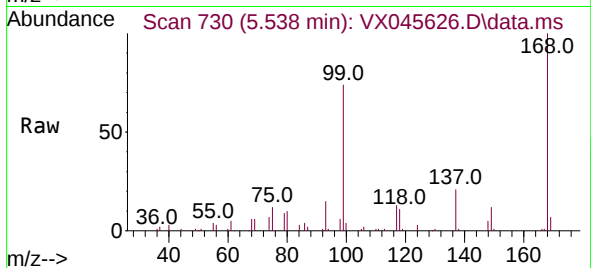
Acq: 07 Apr 2025 14:06

Instrument :

MSVOA_X

ClientSampleId :

RMW-06B-74-040425



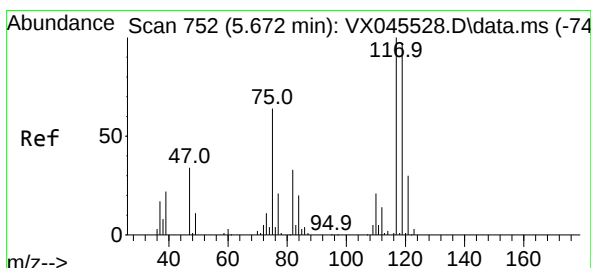
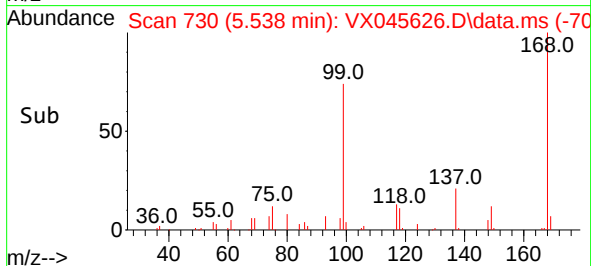
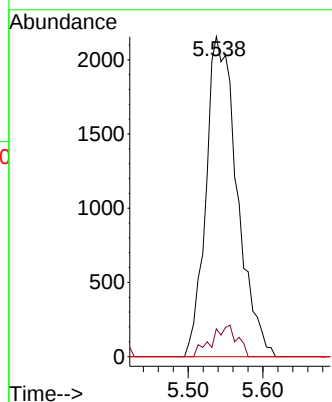
Tgt Ion: 75 Resp: 6241

Ion Ratio Lower Upper

75 100

110 8.0 16.9 50.6#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.856 ug/l

RT: 5.538 min Scan# 730

Delta R.T. -0.134 min

Lab File: VX045626.D

Acq: 07 Apr 2025 14:06

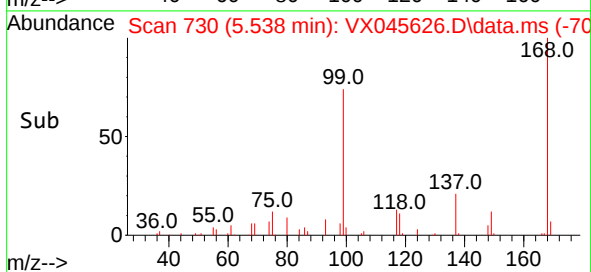
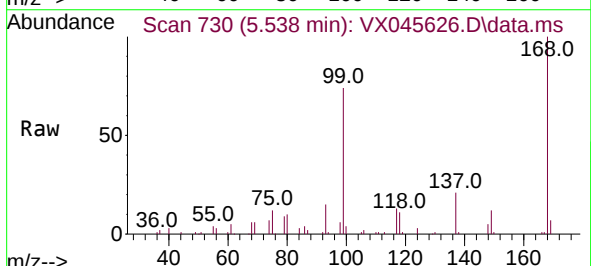
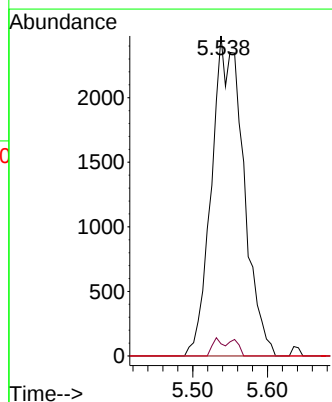
Tgt Ion: 117 Resp: 7367

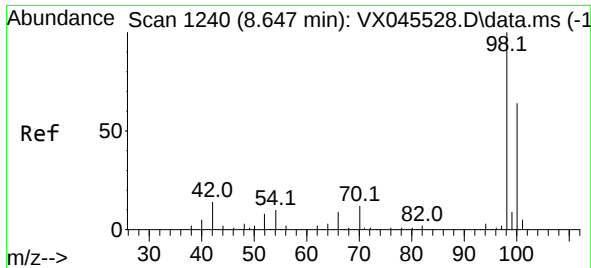
Ion Ratio Lower Upper

117 100

119 3.8 76.9 115.3#

121 0.0 24.2 36.2#

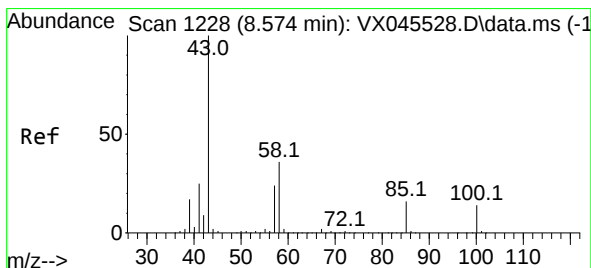
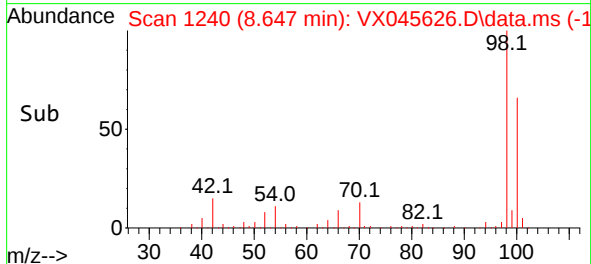
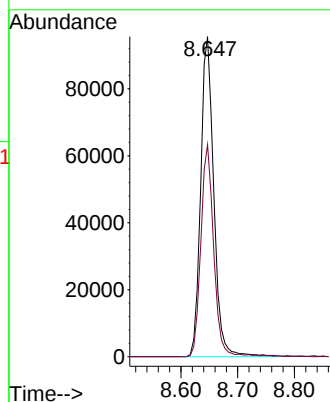
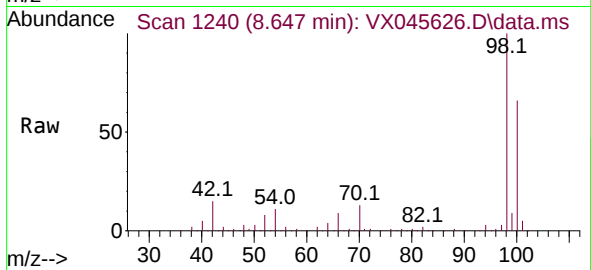




#50
Toluene-d8
Concen: 51.010 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045626.D
Acq: 07 Apr 2025 14:06

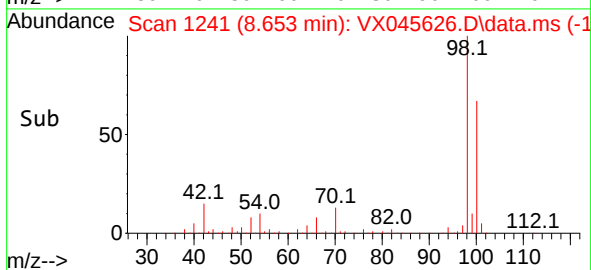
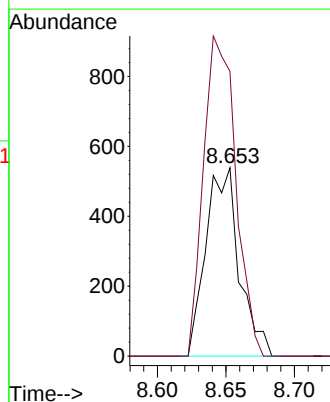
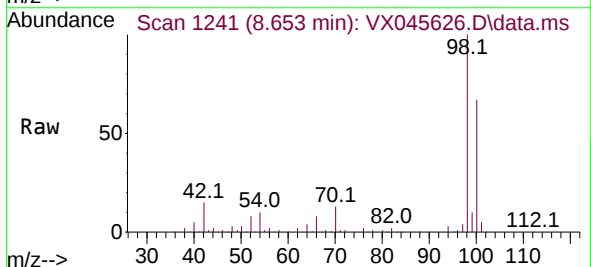
Instrument :
MSVOA_X
ClientSampleId :
RMW-06B-74-040425

Tgt Ion: 98 Resp: 153485
Ion Ratio Lower Upper
98 100
100 65.1 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 0.618 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX045626.D
Acq: 07 Apr 2025 14:06

Tgt Ion: 43 Resp: 911
Ion Ratio Lower Upper
43 100
58 164.7 28.5 42.7#

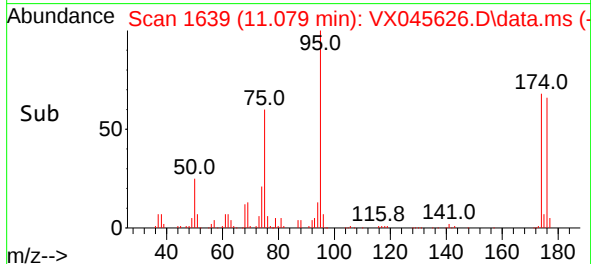
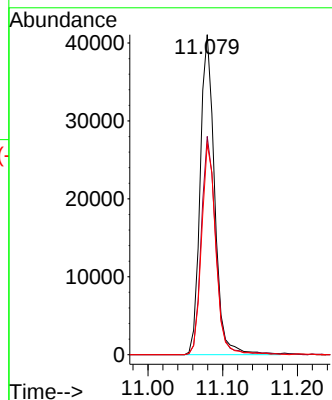
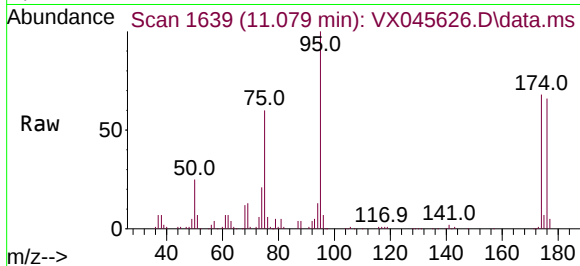




#62
4-Bromofluorobenzene
Concen: 50.198 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045626.D
Acq: 07 Apr 2025 14:06

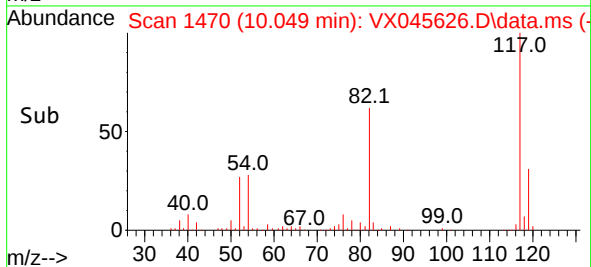
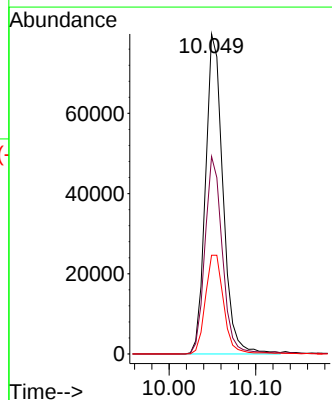
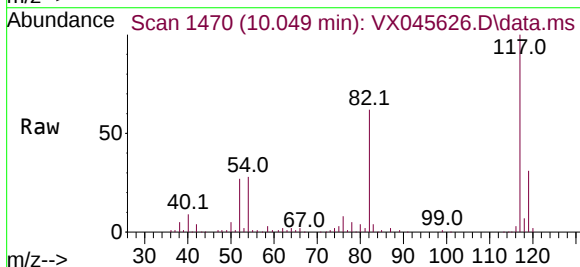
Instrument :
MSVOA_X
ClientSampleId :
RMW-06B-74-040425

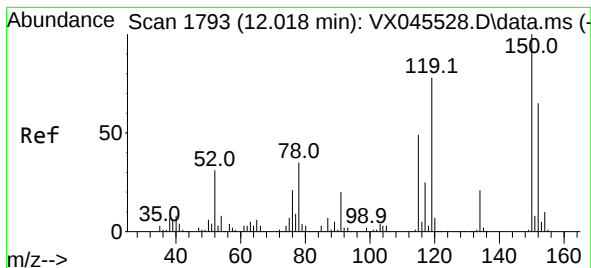
Tgt Ion: 95 Resp: 55016
Ion Ratio Lower Upper
95 100
174 67.5 0.0 135.8
176 65.4 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045626.D
Acq: 07 Apr 2025 14:06

Tgt Ion: 117 Resp: 111734
Ion Ratio Lower Upper
117 100
82 61.7 49.2 73.8
119 30.9 25.1 37.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX045626.D

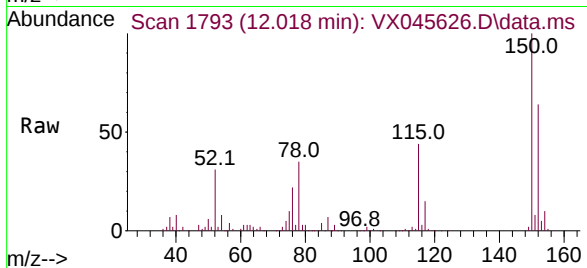
Acq: 07 Apr 2025 14:06

Instrument :

MSVOA_X

ClientSampleId :

RMW-06B-74-040425



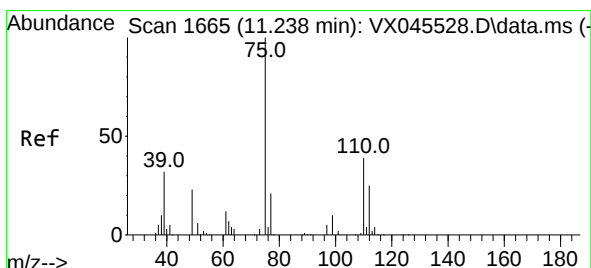
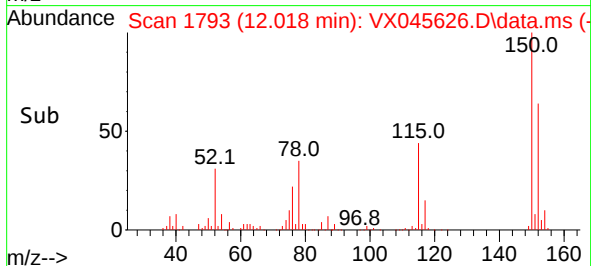
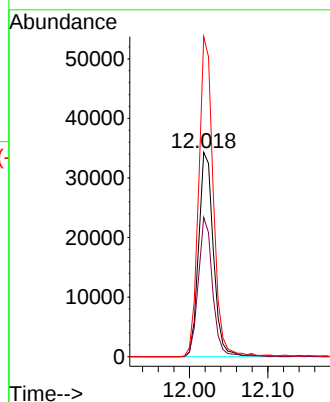
Tgt Ion:152 Resp: 45262

Ion Ratio Lower Upper

152 100

115 65.6 46.9 140.7

150 153.6 0.0 349.4



#76

1,2,3-Trichloropropane

Concen: 29.111 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX045626.D

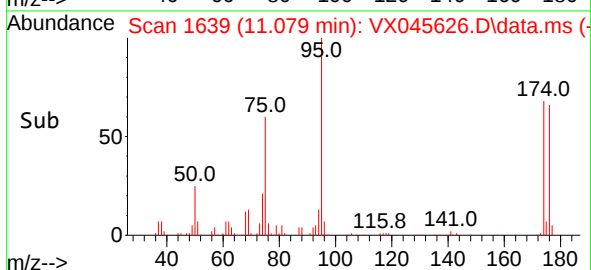
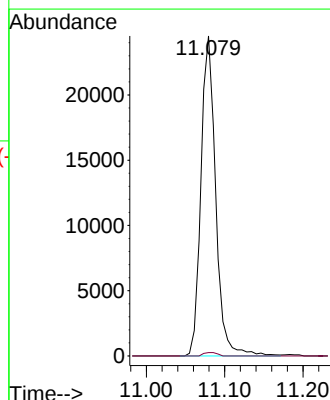
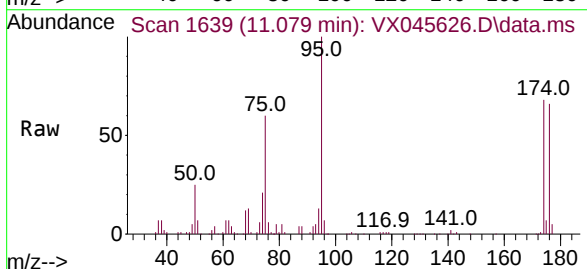
Acq: 07 Apr 2025 14:06

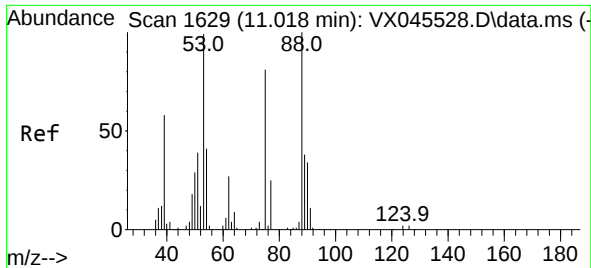
Tgt Ion: 75 Resp: 32140

Ion Ratio Lower Upper

75 100

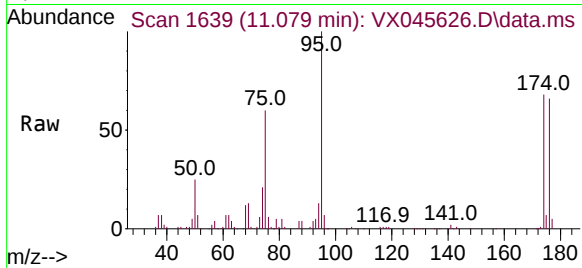
77 1.0 20.0 59.9#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 98.799 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX045626.D
 Acq: 07 Apr 2025 14:06

Instrument :
 MSVOA_X
 ClientSampleId :
 RMW-06B-74-040425



Tgt Ion: 75 Resp: 32140
 Ion Ratio Lower Upper
 75 100
 53 0.0 101.8 152.6#
 89 0.0 37.2 55.8#

