

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX093025\
 Data File : VX047914.D
 Acq On : 30 Sep 2025 16:21
 Operator : JC/MD
 Sample : Q3193-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW8-MW01S-20250923

Quant Time: Oct 01 01:13:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

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

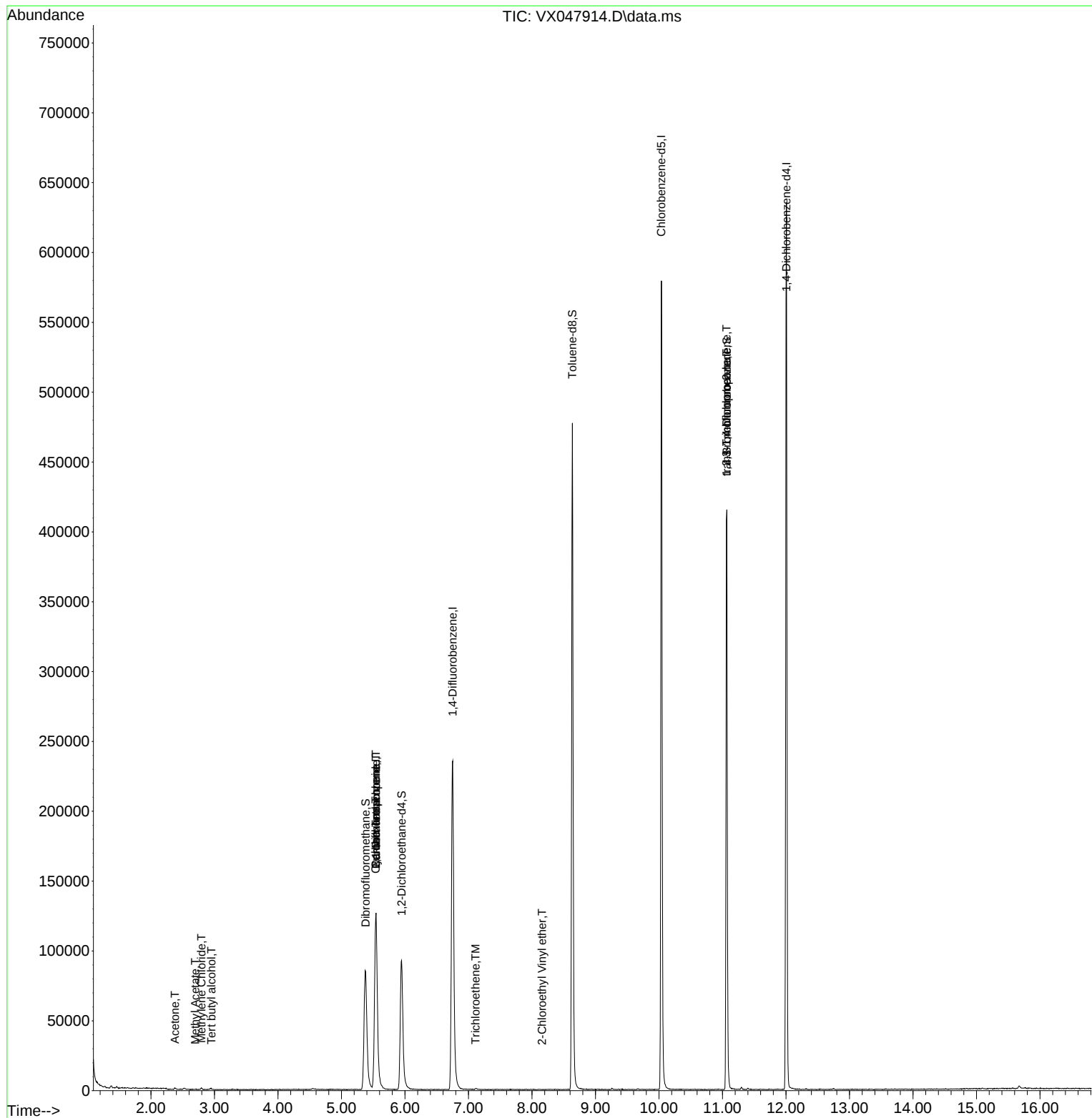
Internal Standards						
1) Pentafluorobenzene	5.544	168	127153	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	260280	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	268341	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	134231	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	102049	50.421	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.840%	
35) Dibromofluoromethane	5.379	113	85139	48.774	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.540%	
50) Toluene-d8	8.635	98	290391	48.078	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 96.160%	
62) 4-Bromofluorobenzene	11.067	95	122811	53.575	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 107.160%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	170	0.754	ug/l #	72
16) Acetone	2.380	43	1298	1.475	ug/l #	86
18) Methyl Acetate	2.697	43	515	0.263	ug/l #	54
20) Methylene Chloride	2.794	84	519	0.279	ug/l #	84
31) Cyclohexane	5.538	56	3002	1.122	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	10996	4.311	ug/l #	51
38) Carbon Tetrachloride	5.544	117	13769	4.968	ug/l #	19
44) Trichloroethene	7.111	130	428	0.229	ug/l	78
58) 2-Chloroethyl Vinyl ether	8.159	63	43	7.924	ug/l #	47
76) 1,2,3-Trichloropropane	11.061	75	64534	23.745	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.061	75	64534	60.554	ug/l #	8

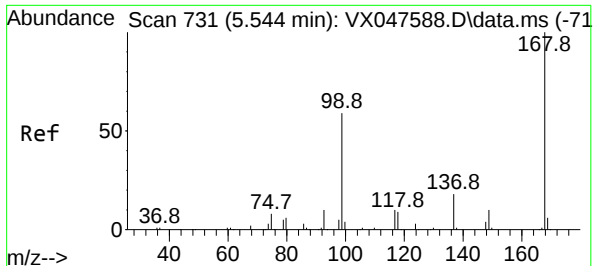
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX093025\
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RW8-MW01S-20250923

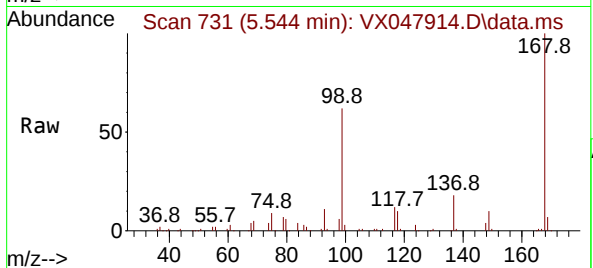
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration



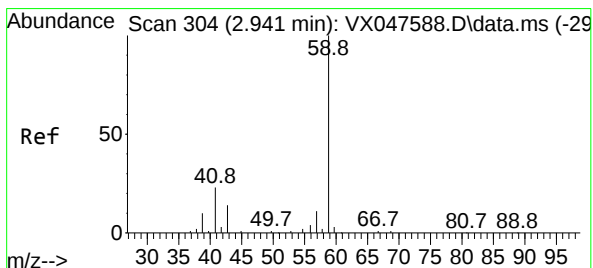
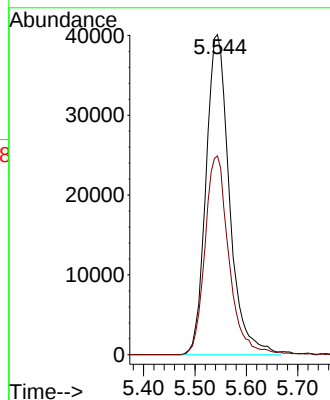
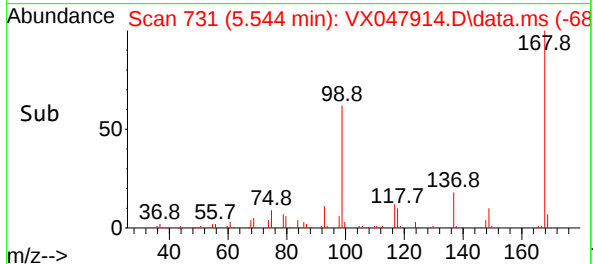


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047914.D
Acq: 30 Sep 2025 16:21

Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01S-20250923

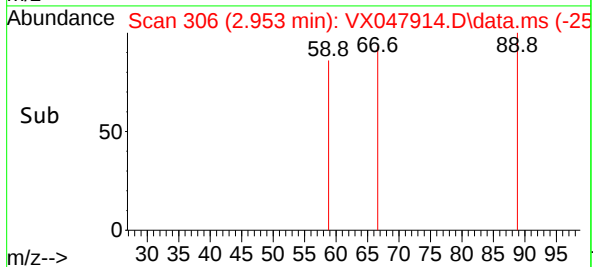
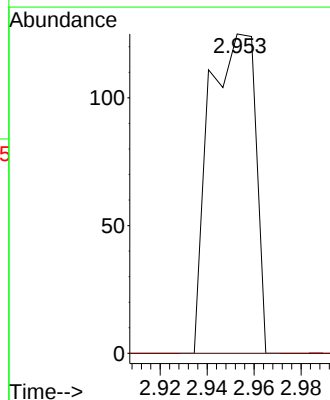
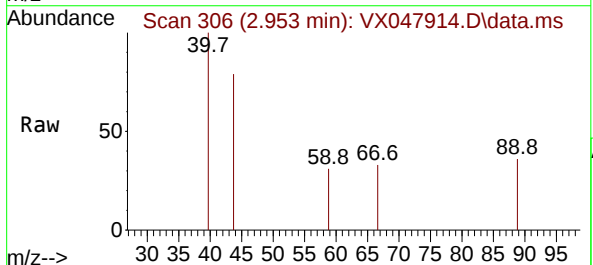


Tgt Ion:168 Resp: 127153
Ion Ratio Lower Upper
168 100
99 62.1 48.8 73.2



#11
Tert butyl alcohol
Concen: 0.754 ug/l
RT: 2.953 min Scan# 306
Delta R.T. 0.012 min
Lab File: VX047914.D
Acq: 30 Sep 2025 16:21

Tgt Ion: 59 Resp: 170
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

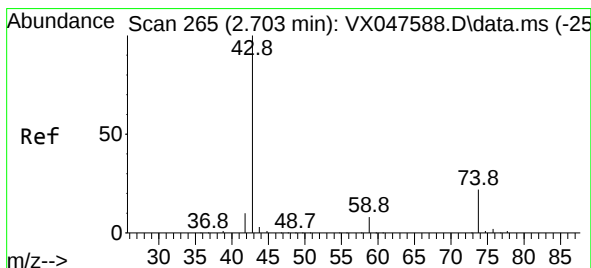
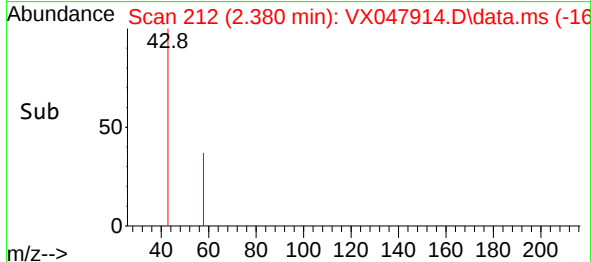
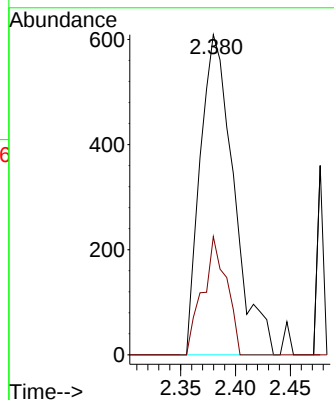
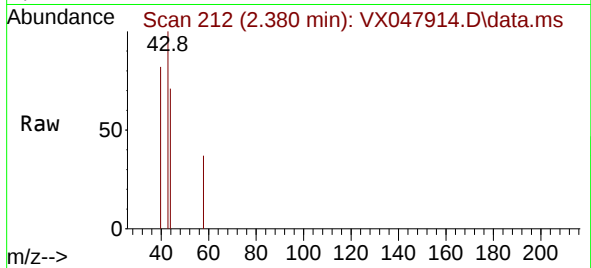




#16
Acetone
Concen: 1.475 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX047914.D
Acq: 30 Sep 2025 16:21

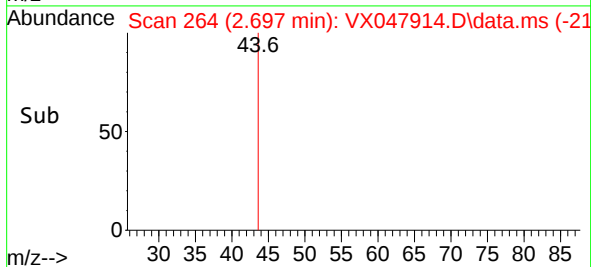
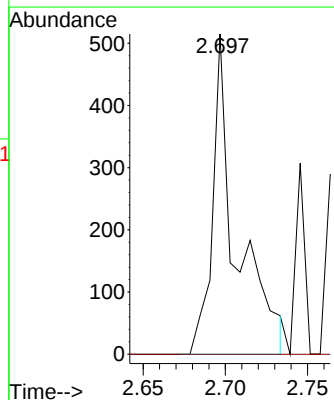
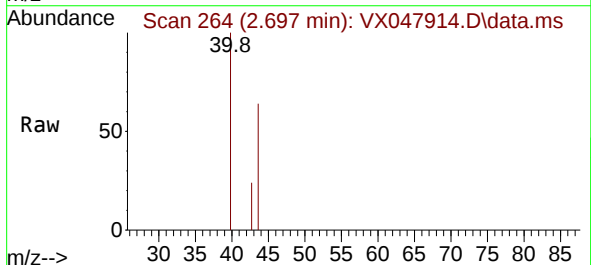
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01S-20250923

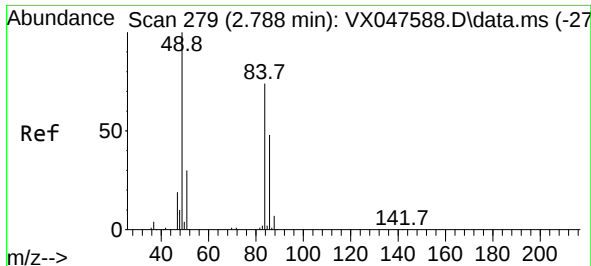
Tgt Ion: 43 Resp: 1298
Ion Ratio Lower Upper
43 100
58 36.9 23.4 35.0#



#18
Methyl Acetate
Concen: 0.263 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX047914.D
Acq: 30 Sep 2025 16:21

Tgt Ion: 43 Resp: 515
Ion Ratio Lower Upper
43 100
74 0.0 17.4 26.2#

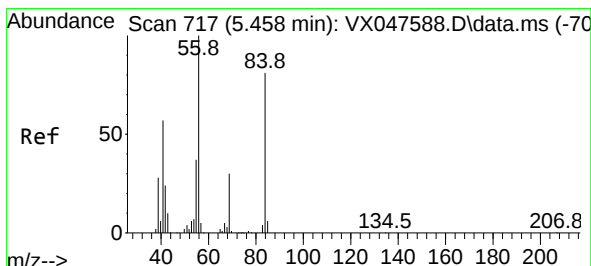
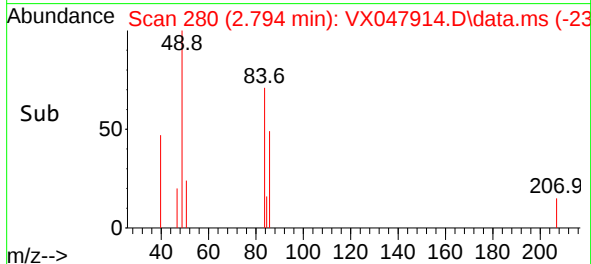
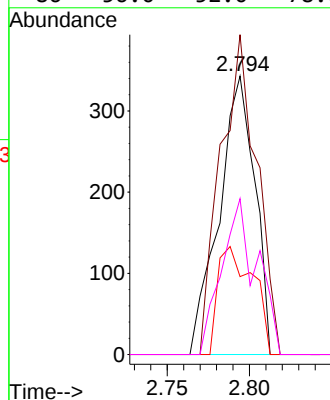
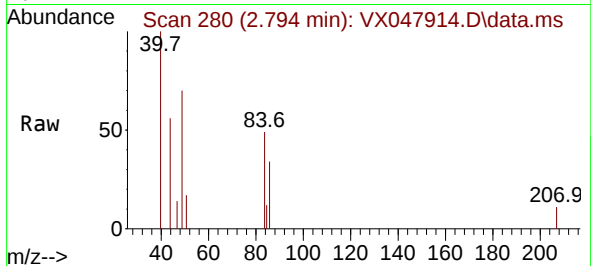




#20
Methylene Chloride
Concen: 0.279 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX047914.D
Acq: 30 Sep 2025 16:21

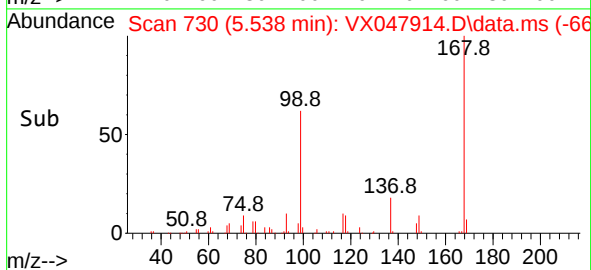
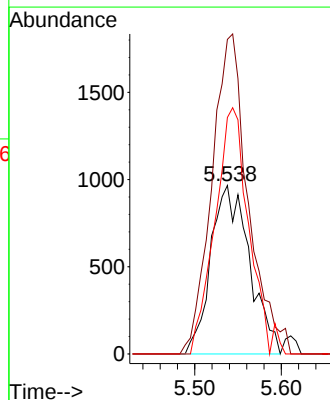
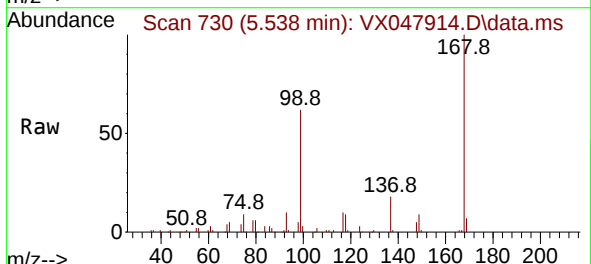
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01S-20250923

Tgt Ion:	84	Resp:	519
Ion	Ratio	Lower	Upper
84	100		
49	114.9	108.6	162.8
51	28.0	32.6	48.8#
86	56.0	52.0	78.0



#31
Cyclohexane
Concen: 1.122 ug/l
RT: 5.538 min Scan# 730
Delta R.T. 0.079 min
Lab File: VX047914.D
Acq: 30 Sep 2025 16:21

Tgt Ion:	56	Resp:	3002
Ion	Ratio	Lower	Upper
56	100		
69	186.7	23.8	35.8#
84	140.4	64.6	97.0#





#33

1,2-Dichloroethane-d4

Concen: 50.421 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX047914.D

Acq: 30 Sep 2025 16:21

Instrument :

MSVOA_X

ClientSampleId :

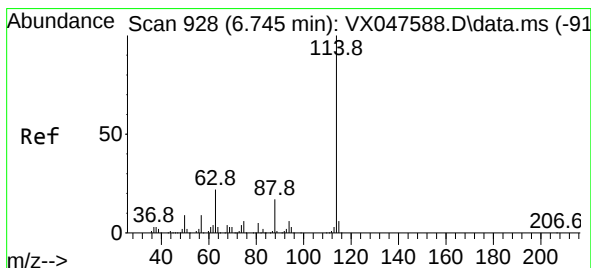
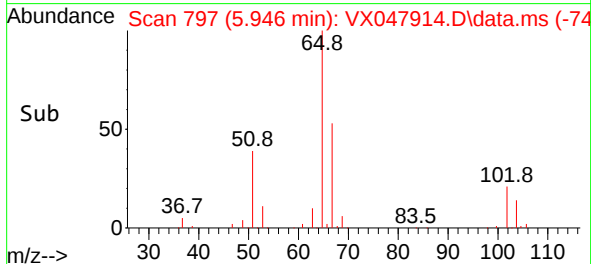
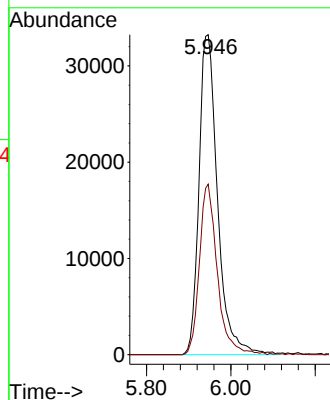
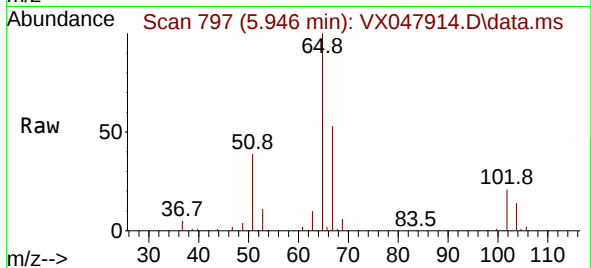
RW8-MW01S-20250923

Tgt Ion: 65 Resp: 102049

Ion Ratio Lower Upper

65 100

67 51.2 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. 0.006 min

Lab File: VX047914.D

Acq: 30 Sep 2025 16:21

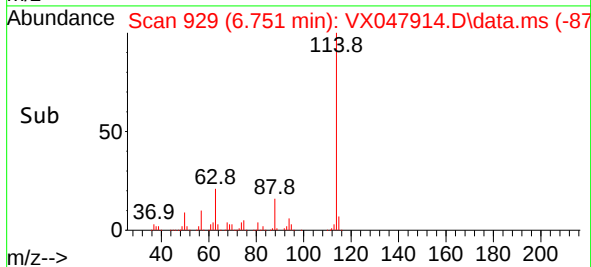
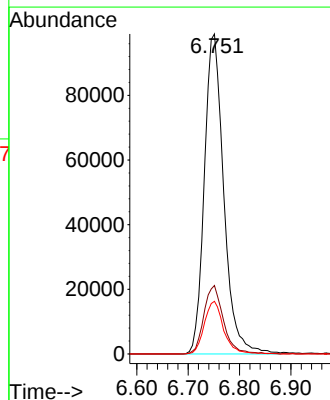
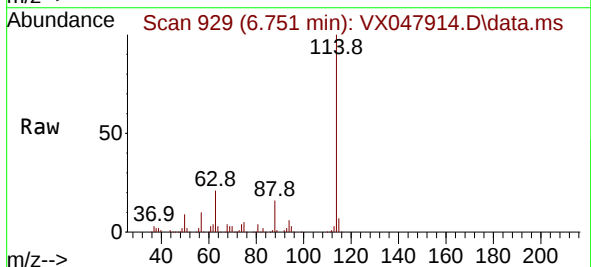
Tgt Ion: 114 Resp: 260280

Ion Ratio Lower Upper

114 100

63 21.4 0.0 44.0

88 16.5 0.0 34.2





#35

Dibromofluoromethane

Concen: 48.774 ug/l

RT: 5.379 min Scan# 703

Delta R.T. 0.006 min

Lab File: VX047914.D

Acq: 30 Sep 2025 16:21

Instrument :

MSVOA_X

ClientSampleId :

RW8-MW01S-20250923

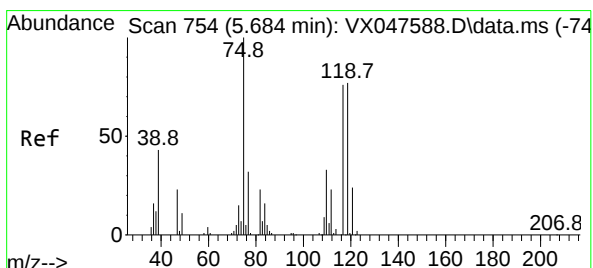
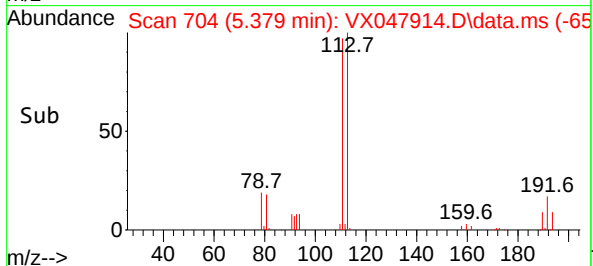
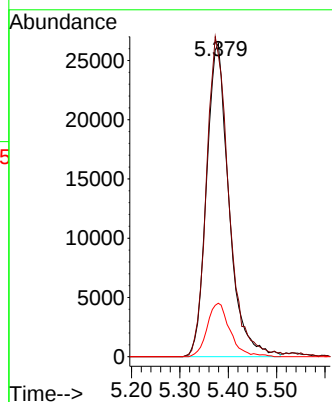
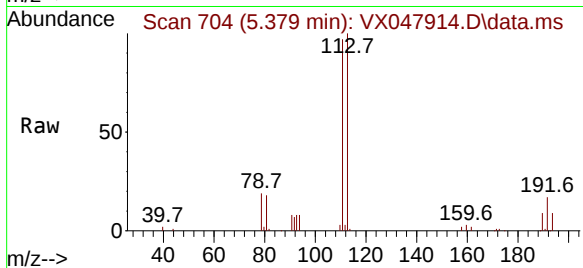
Tgt Ion:113 Resp: 85139

Ion Ratio Lower Upper

113 100

111 102.3 80.9 121.3

192 17.4 14.2 21.4



#36

1,1-Dichloropropene

Concen: 4.311 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.140 min

Lab File: VX047914.D

Acq: 30 Sep 2025 16:21

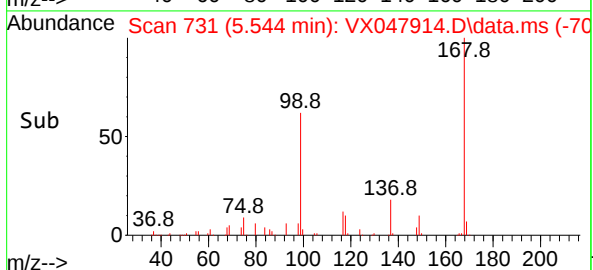
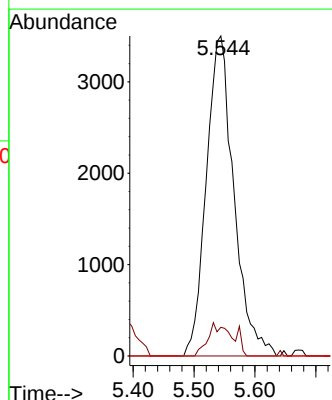
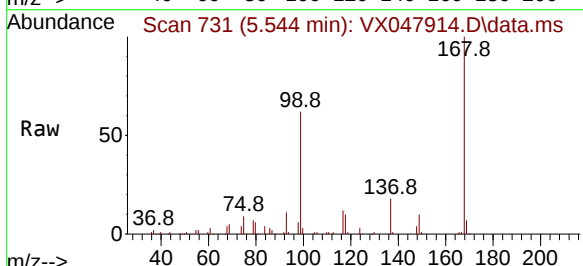
Tgt Ion: 75 Resp: 10996

Ion Ratio Lower Upper

75 100

110 9.2 16.7 50.1#

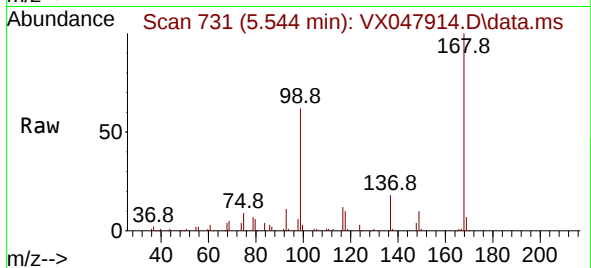
77 0.0 24.3 36.5#



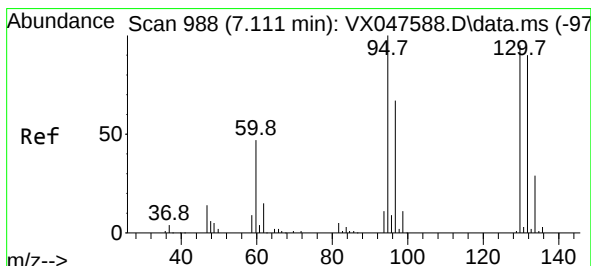
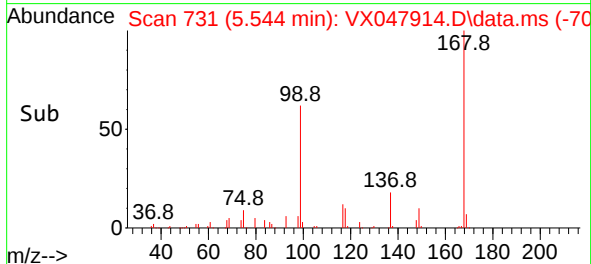
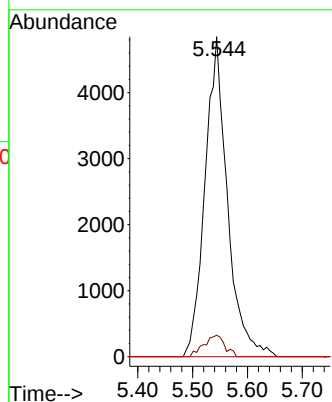


#38
Carbon Tetrachloride
Concen: 4.968 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX047914.D
Acq: 30 Sep 2025 16:21

Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01S-20250923

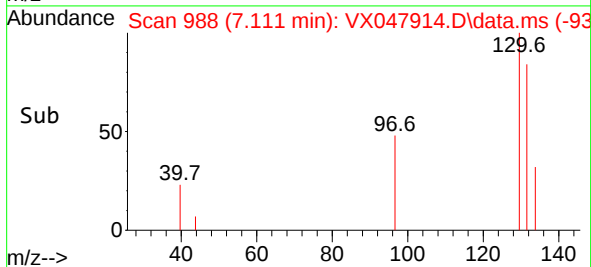
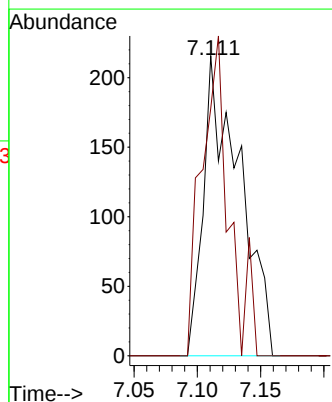
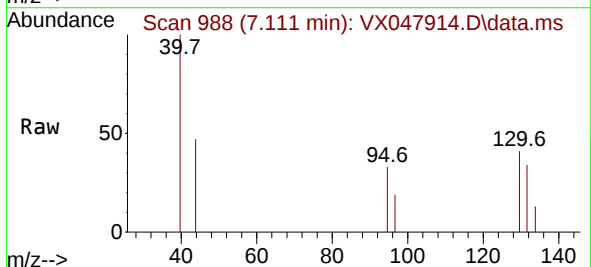


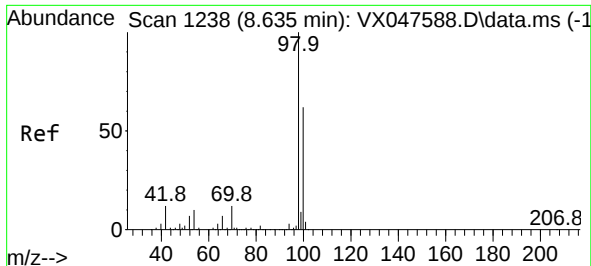
Tgt Ion:117 Resp: 13769
Ion Ratio Lower Upper
117 100
119 6.7 73.4 110.2#
121 0.0 23.8 35.6#



#44
Trichloroethene
Concen: 0.229 ug/l
RT: 7.111 min Scan# 988
Delta R.T. 0.000 min
Lab File: VX047914.D
Acq: 30 Sep 2025 16:21

Tgt Ion:130 Resp: 428
Ion Ratio Lower Upper
130 100
95 82.4 0.0 210.8

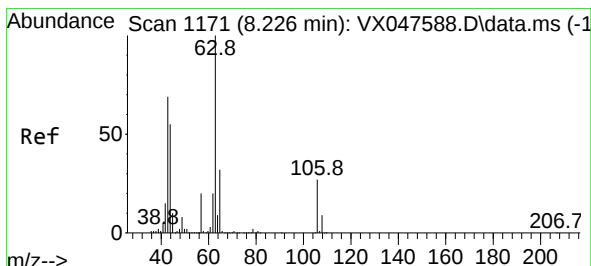
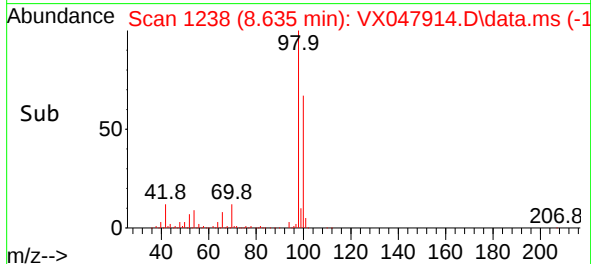
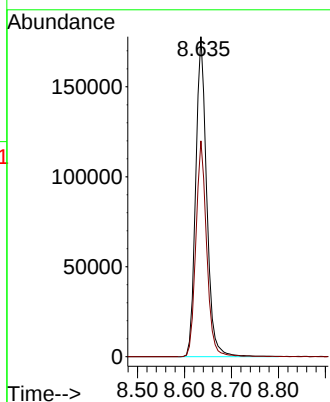
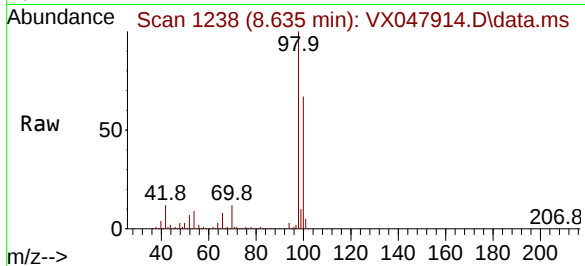




#50
Toluene-d8
Concen: 48.078 ug/l
RT: 8.635 min Scan# 1160
Delta R.T. 0.000 min
Lab File: VX047914.D
Acq: 30 Sep 2025 16:21

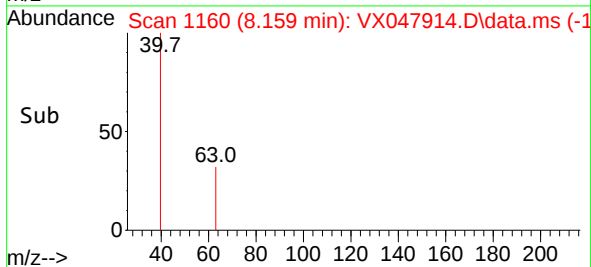
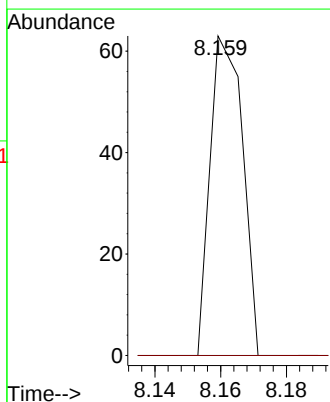
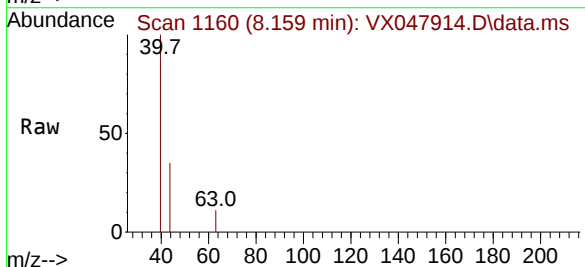
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01S-20250923

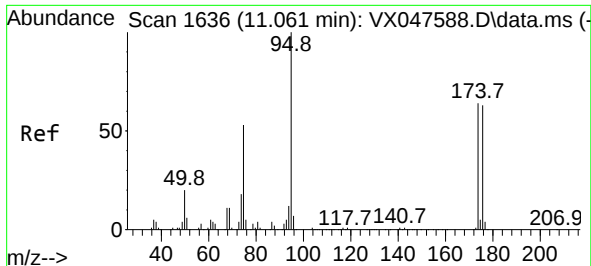
Tgt Ion: 98 Resp: 290391
Ion Ratio Lower Upper
98 100
100 66.2 53.0 79.4



#58
2-Chloroethyl Vinyl ether
Concen: 7.924 ug/l
RT: 8.159 min Scan# 1160
Delta R.T. -0.067 min
Lab File: VX047914.D
Acq: 30 Sep 2025 16:21

Tgt Ion: 63 Resp: 43
Ion Ratio Lower Upper
63 100
106 0.0 21.9 32.9#

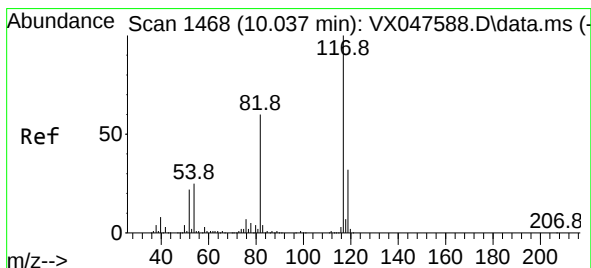
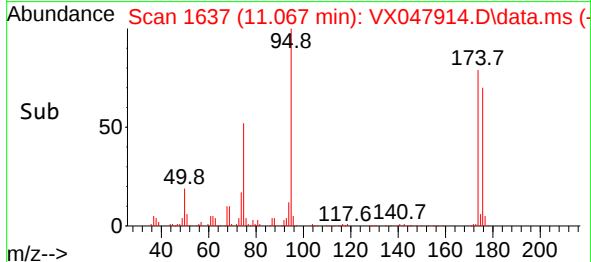
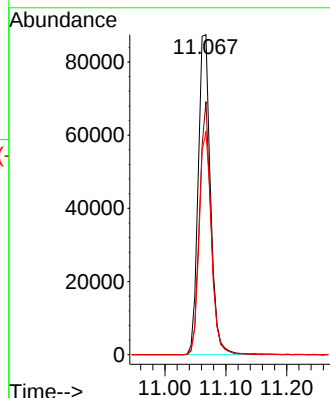
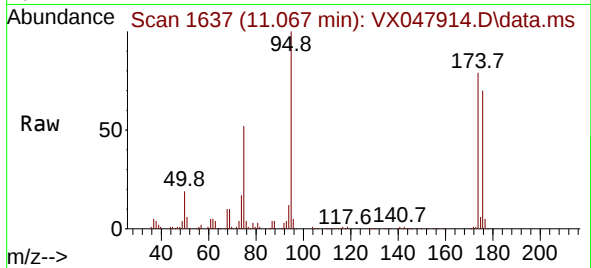




#62
4-Bromofluorobenzene
Concen: 53.575 ug/l
RT: 11.067 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047914.D
Acq: 30 Sep 2025 16:21

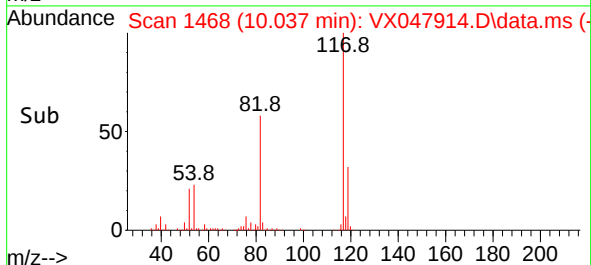
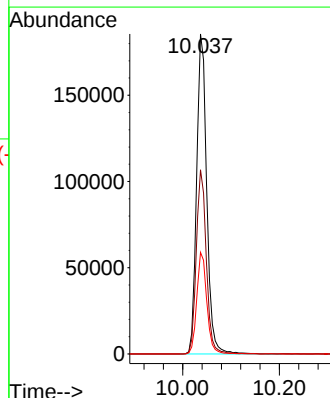
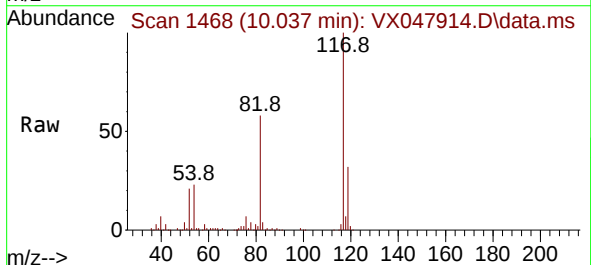
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01S-20250923

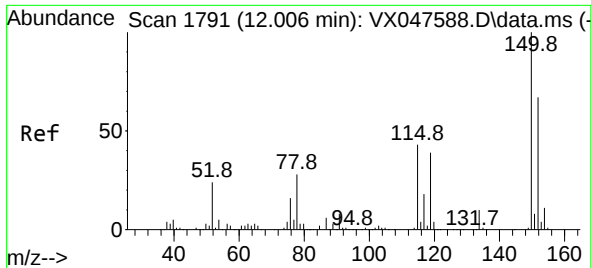
Tgt Ion: 95 Resp: 122811
Ion Ratio Lower Upper
95 100
174 73.6 0.0 141.6
176 69.5 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX047914.D
Acq: 30 Sep 2025 16:21

Tgt Ion: 117 Resp: 268341
Ion Ratio Lower Upper
117 100
82 57.6 47.8 71.6
119 31.8 25.2 37.8

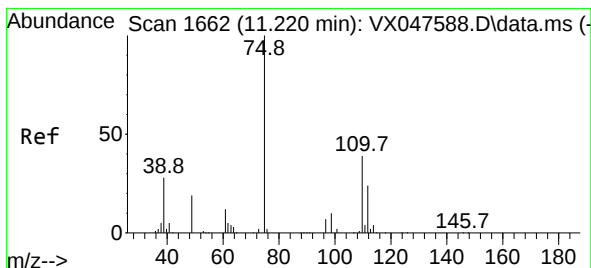
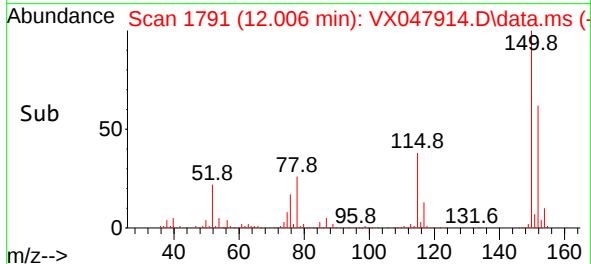
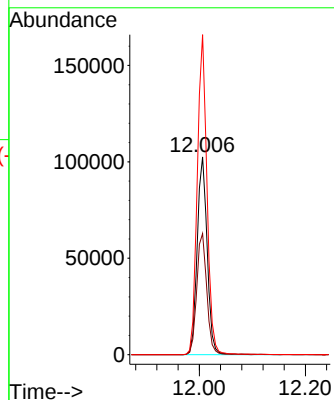
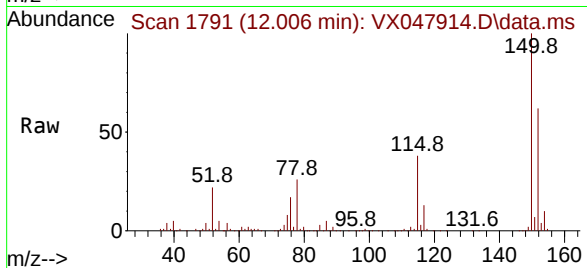




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX047914.D
 Acq: 30 Sep 2025 16:21

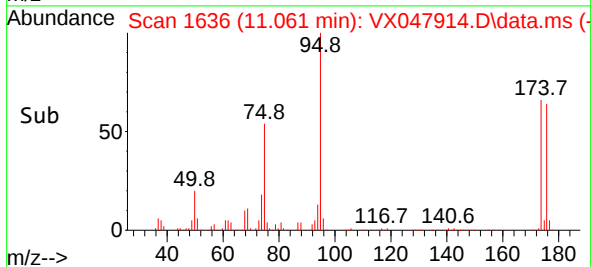
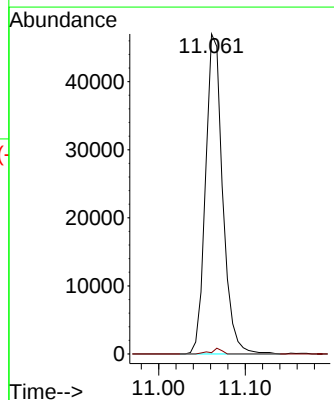
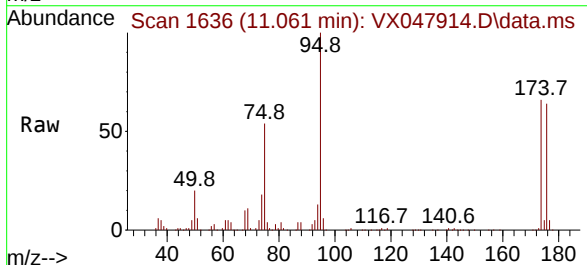
Instrument :
 MSVOA_X
 ClientSampleId :
 RW8-MW01S-20250923

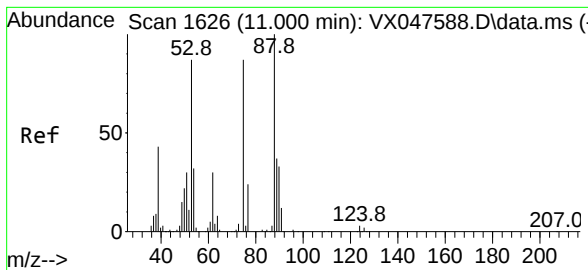
Tgt Ion:152 Resp: 134231
 Ion Ratio Lower Upper
 152 100
 115 61.7 44.9 134.5
 150 157.2 0.0 352.0



#76
 1,2,3-Trichloropropane
 Concen: 23.745 ug/l
 RT: 11.061 min Scan# 1636
 Delta R.T. -0.159 min
 Lab File: VX047914.D
 Acq: 30 Sep 2025 16:21

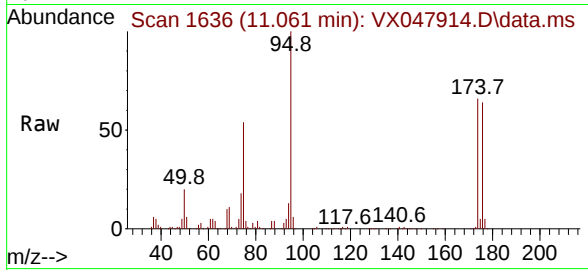
Tgt Ion: 75 Resp: 64534
 Ion Ratio Lower Upper
 75 100
 77 1.1 18.8 56.4#





#81
trans-1,4-Dichloro-2-butene
Concen: 60.554 ug/l
RT: 11.061 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX047914.D
Acq: 30 Sep 2025 16:21

Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01S-20250923



Tgt Ion: 75 Resp: 64534
Ion Ratio Lower Upper
75 100
53 0.0 83.4 125.2#
89 0.0 36.3 54.5#

