

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX093025\
 Data File : VX047913.D
 Acq On : 30 Sep 2025 16:00
 Operator : JC/MD
 Sample : Q3193-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW10A-MW01I-20250923

Quant Time: Oct 01 01:13:06 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)

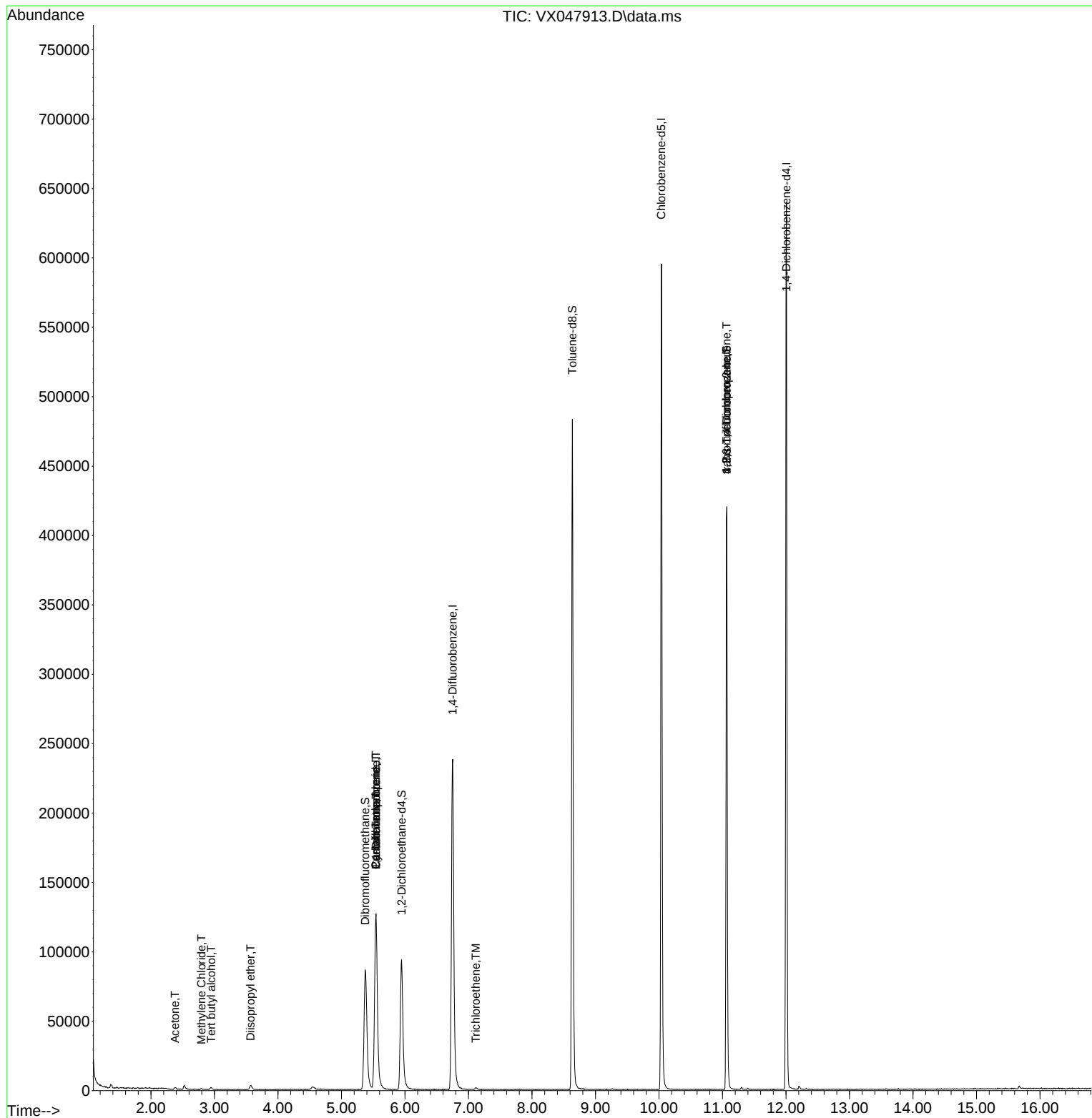
Internal Standards						
1) Pentafluorobenzene	5.544	168	125955	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	261894	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	270426	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	134429	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	101063	50.408	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.820%			
35) Dibromofluoromethane	5.373	113	84978	48.382	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.760%			
50) Toluene-d8	8.635	98	294330	48.429	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.860%			
62) 4-Bromofluorobenzene	11.061	95	123994	53.758	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.520%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	695	3.113	ug/l #	72
16) Acetone	2.380	43	1944	2.230	ug/l #	80
20) Methylene Chloride	2.794	84	439	0.238	ug/l #	54
22) Diisopropyl ether	3.569	45	2102	0.351	ug/l #	27
31) Cyclohexane	5.544	56	2539	0.958	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	10988	4.281	ug/l #	47
38) Carbon Tetrachloride	5.544	117	13496	4.840	ug/l #	17
44) Trichloroethene	7.117	130	683	0.362	ug/l	70
76) 1,2,3-Trichloropropane	11.061	75	64997	23.880	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.061	75	64997	60.898	ug/l #	8

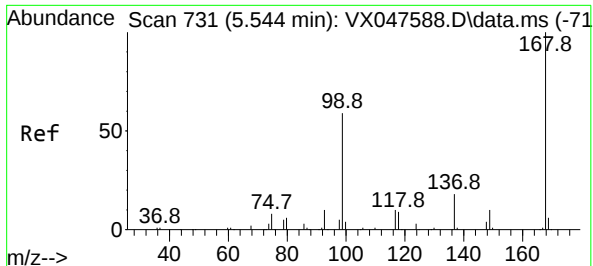
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX093025\
Data File : VX047913.D
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Sample : Q3193-09
Misc : 5.0mL/MSVOA_X/WATER
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Instrument :
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ClientSampleId :
RW10A-MW01I-20250923

Quant Time: Oct 01 01:13:06 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

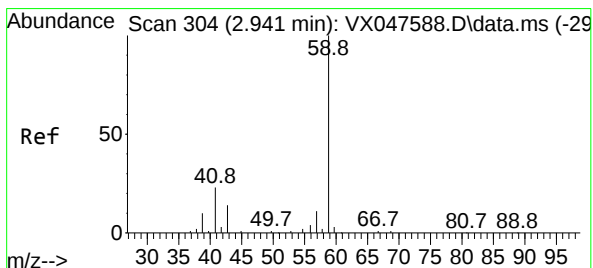
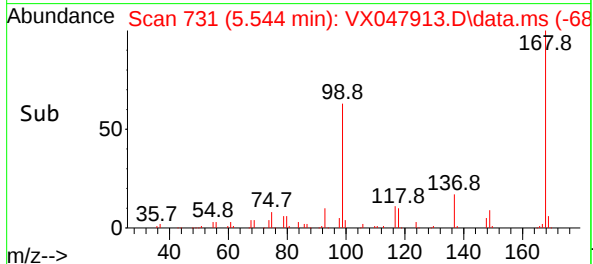
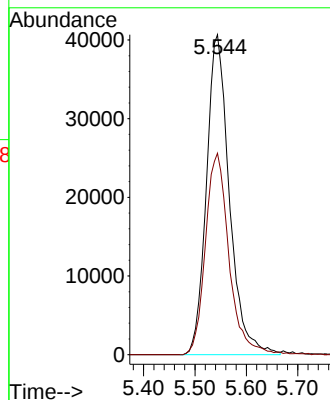
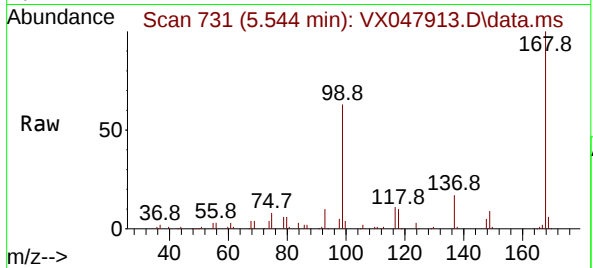




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047913.D
Acq: 30 Sep 2025 16:00

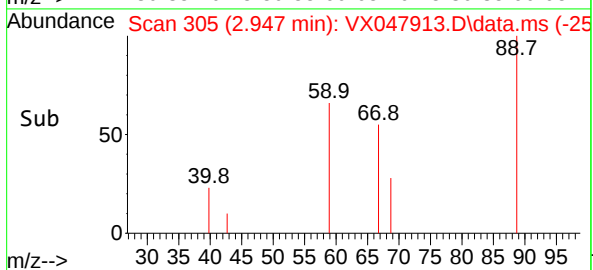
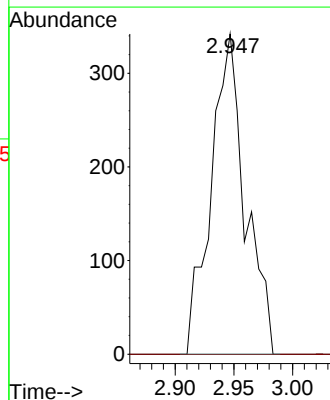
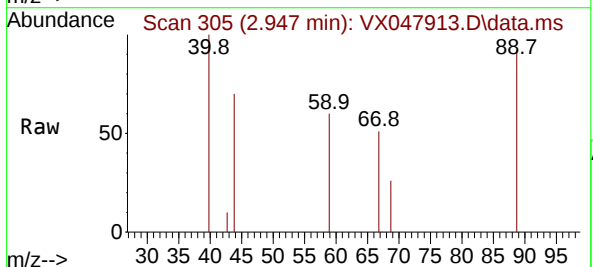
Instrument :
MSVOA_X
ClientSampleId :
RW10A-MW01I-20250923

Tgt Ion:168 Resp: 125955
Ion Ratio Lower Upper
168 100
99 62.9 48.8 73.2



#11
Tert butyl alcohol
Concen: 3.113 ug/l
RT: 2.947 min Scan# 305
Delta R.T. 0.006 min
Lab File: VX047913.D
Acq: 30 Sep 2025 16:00

Tgt Ion: 59 Resp: 695
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

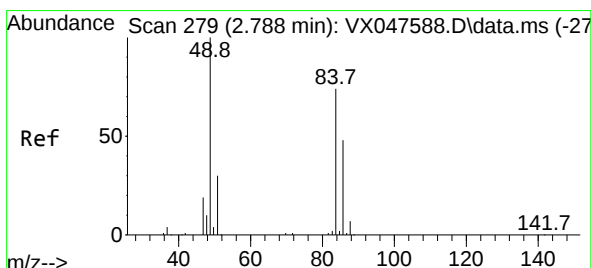
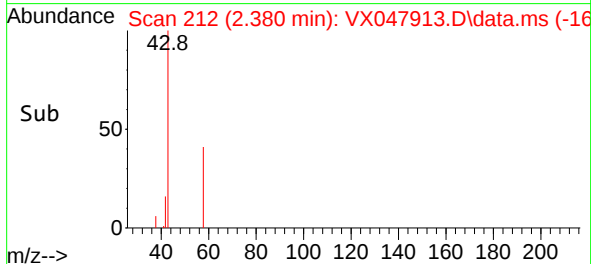
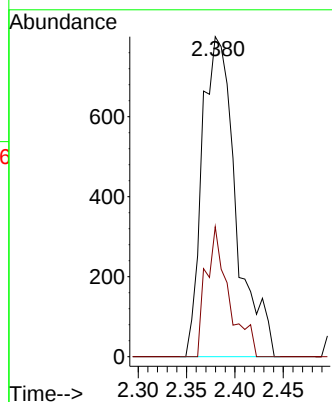
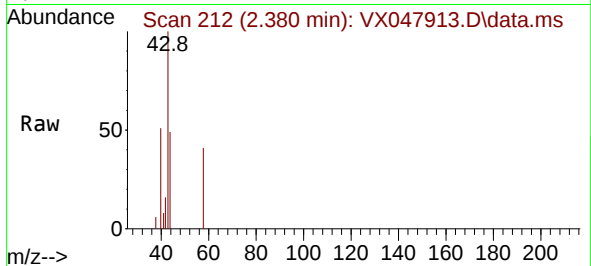




#16
Acetone
Concen: 2.230 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX047913.D
Acq: 30 Sep 2025 16:00

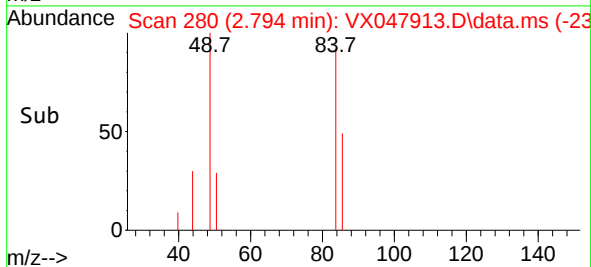
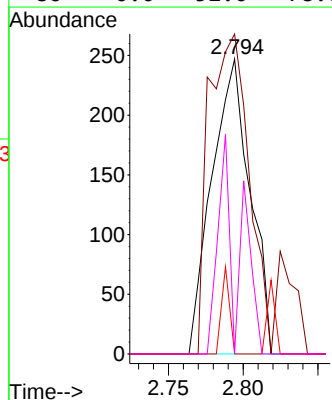
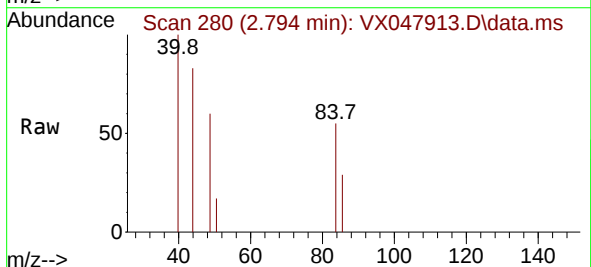
Instrument :
MSVOA_X
ClientSampleId :
RW10A-MW01I-20250923

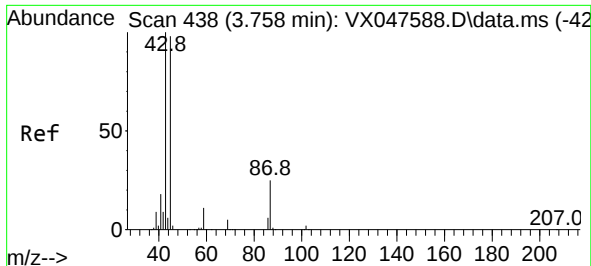
Tgt Ion: 43 Resp: 1944
Ion Ratio Lower Upper
43 100
58 39.9 23.4 35.0#



#20
Methylene Chloride
Concen: 0.238 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX047913.D
Acq: 30 Sep 2025 16:00

Tgt Ion: 84 Resp: 439
Ion Ratio Lower Upper
84 100
49 108.5 108.6 162.8#
51 0.0 32.6 48.8#
86 0.0 52.0 78.0#

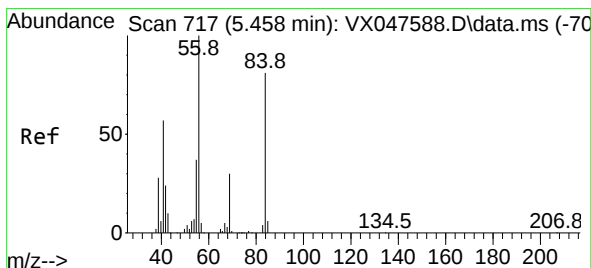
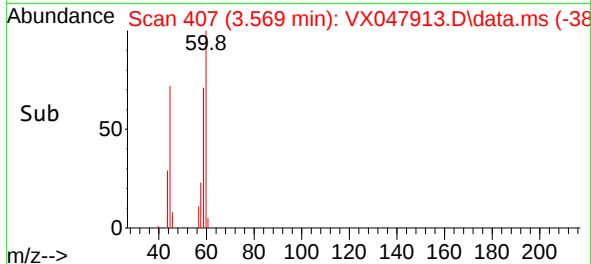
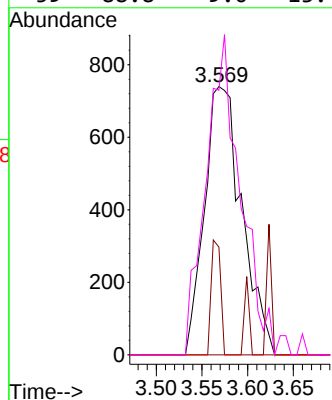
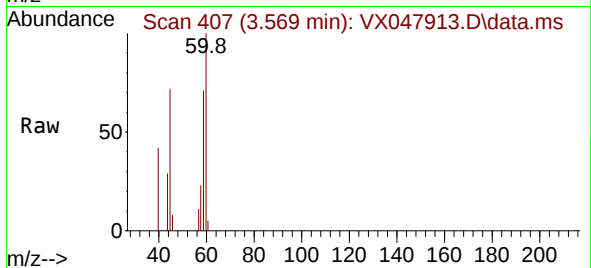




#22
Diisopropyl ether
Concen: 0.351 ug/l
RT: 3.569 min Scan# 407
Delta R.T. -0.189 min
Lab File: VX047913.D
Acq: 30 Sep 2025 16:00

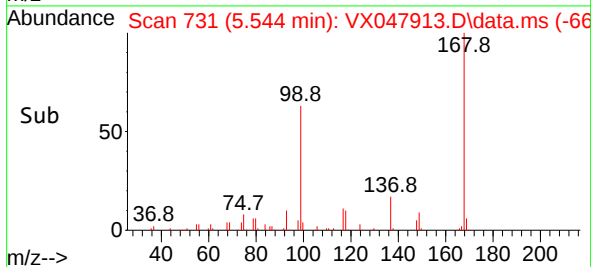
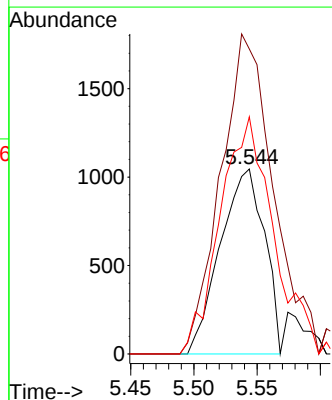
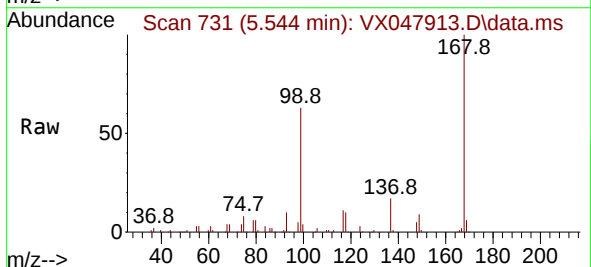
Instrument :
MSVOA_X
ClientSampleId :
RW10A-MW01I-20250923

Tgt Ion:	45	Resp:	2102
Ion	Ratio	Lower	Upper
45	100		
43	36.1	81.0	121.4#
87	0.0	20.3	30.5#
59	88.8	9.0	13.4#



#31
Cyclohexane
Concen: 0.958 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.085 min
Lab File: VX047913.D
Acq: 30 Sep 2025 16:00

Tgt Ion:	56	Resp:	2539
Ion	Ratio	Lower	Upper
56	100		
69	164.8	23.8	35.8#
84	128.2	64.6	97.0#





#33

1,2-Dichloroethane-d4

Concen: 50.408 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX047913.D

Acq: 30 Sep 2025 16:00

Instrument :

MSVOA_X

ClientSampleId :

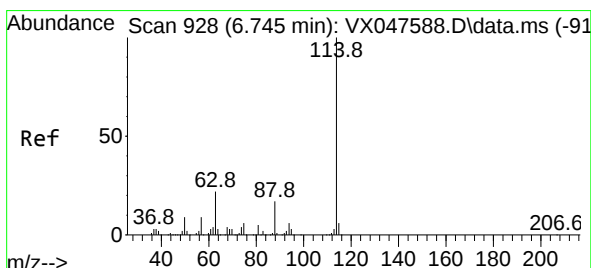
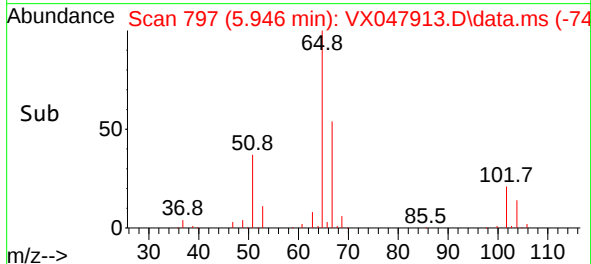
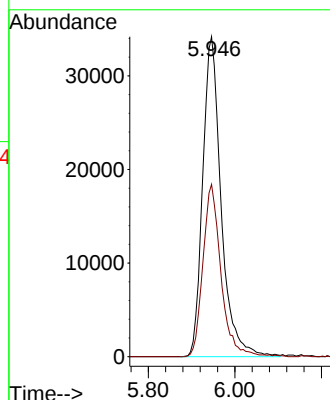
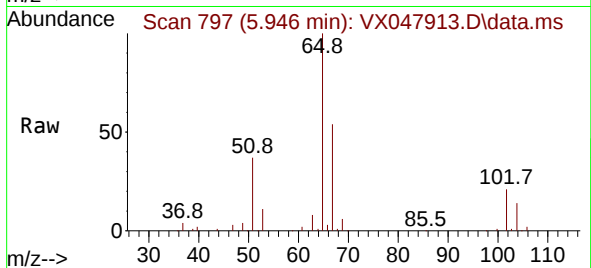
RW10A-MW01I-20250923

Tgt Ion: 65 Resp: 101063

Ion Ratio Lower Upper

65 100

67 52.8 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: VX047913.D

Acq: 30 Sep 2025 16:00

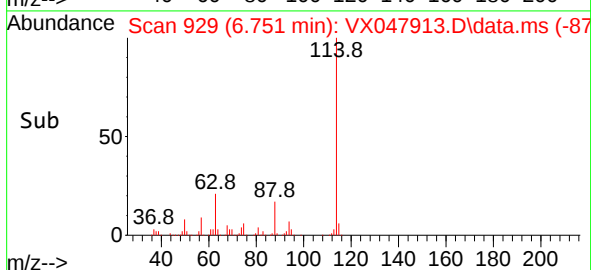
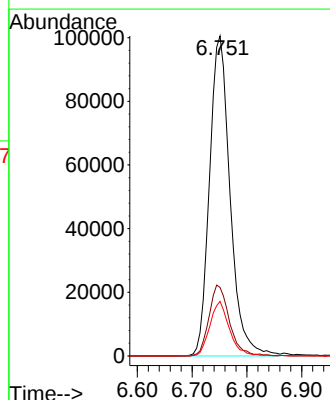
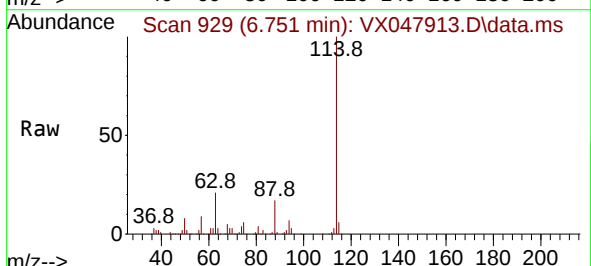
Tgt Ion: 114 Resp: 261894

Ion Ratio Lower Upper

114 100

63 21.4 0.0 44.0

88 17.1 0.0 34.2





#35

Dibromofluoromethane

Concen: 48.382 ug/l

RT: 5.373 min Scan# 703

Delta R.T. 0.000 min

Lab File: VX047913.D

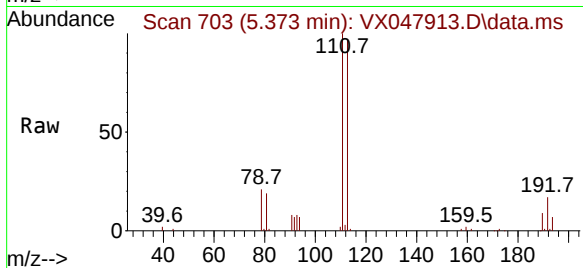
Acq: 30 Sep 2025 16:00

Instrument :

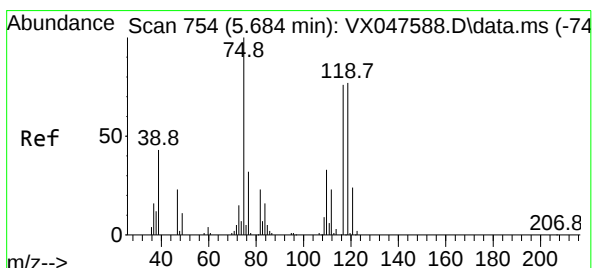
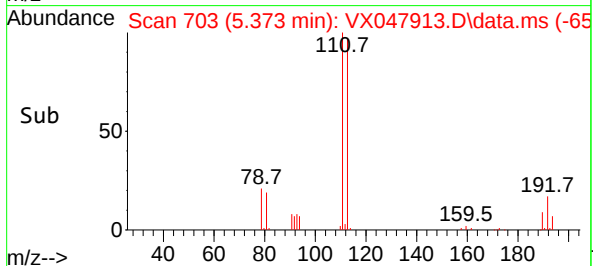
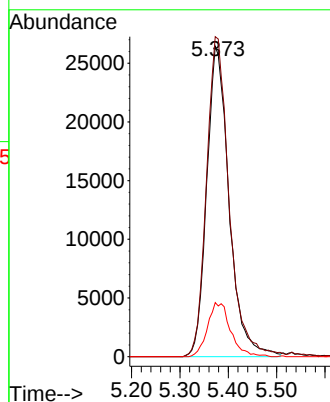
MSVOA_X

ClientSampleId :

RW10A-MW01-20250923



Tgt Ion:	113	Resp:	84978
Ion	Ratio	Lower	Upper
113	100		
111	104.4	80.9	121.3
192	17.9	14.2	21.4



#36

1,1-Dichloropropene

Concen: 4.281 ug/l

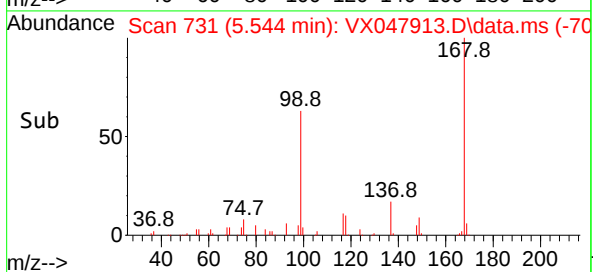
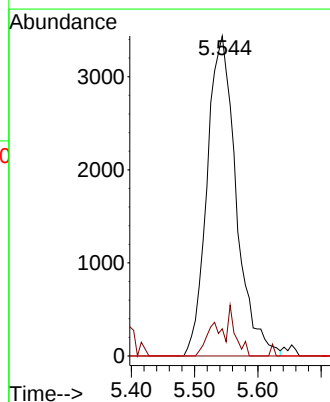
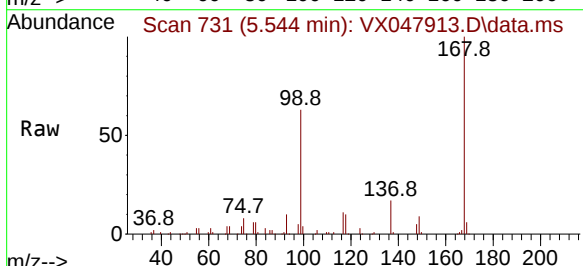
RT: 5.544 min Scan# 731

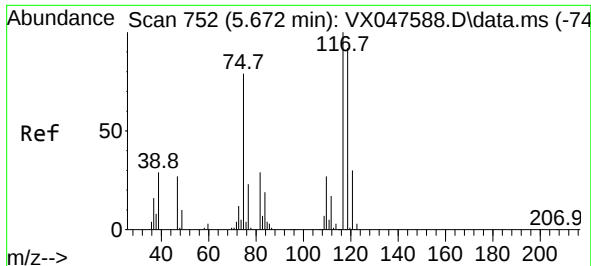
Delta R.T. -0.140 min

Lab File: VX047913.D

Acq: 30 Sep 2025 16:00

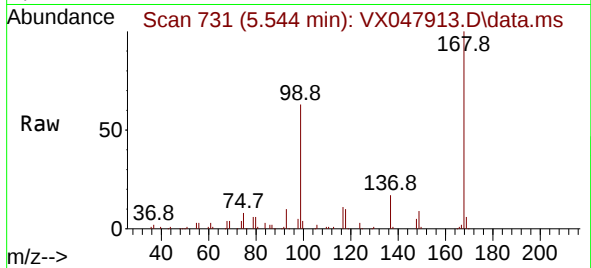
Tgt Ion:	75	Resp:	10988
Ion	Ratio	Lower	Upper
75	100		
110	4.4	16.7	50.1#
77	0.0	24.3	36.5#



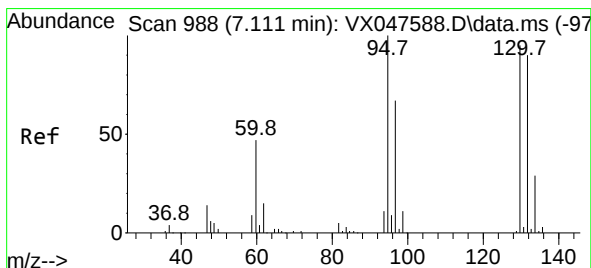
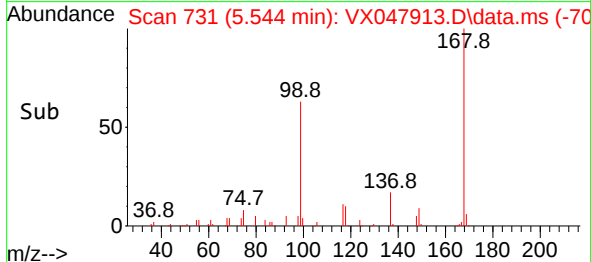
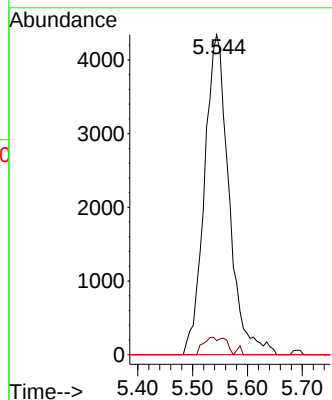


#38
Carbon Tetrachloride
Concen: 4.840 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX047913.D
Acq: 30 Sep 2025 16:00

Instrument :
MSVOA_X
ClientSampleId :
RW10A-MW01I-20250923

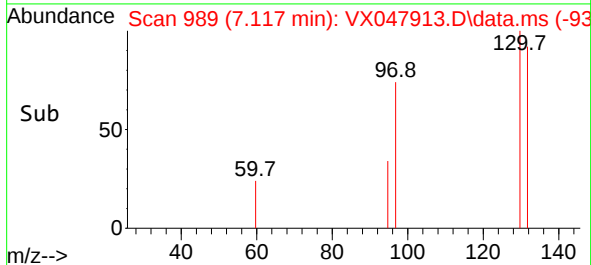
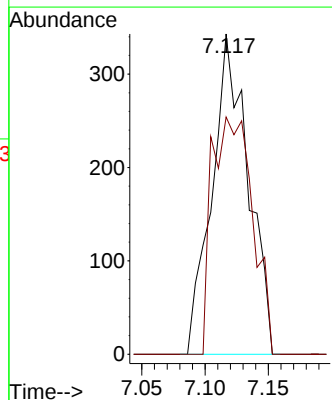
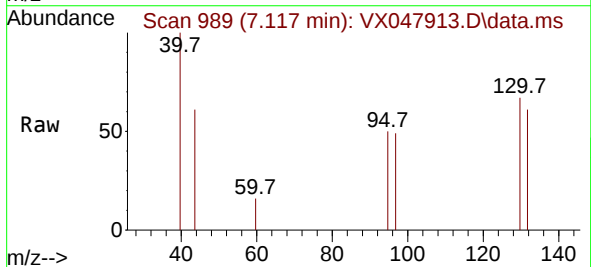


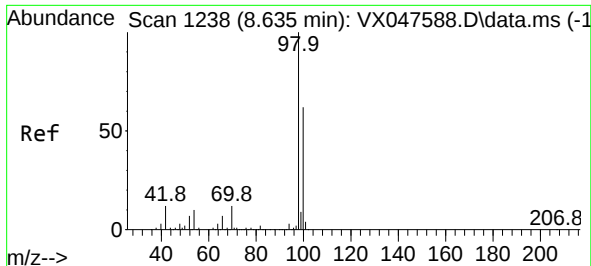
Tgt Ion:117 Resp: 13496
Ion Ratio Lower Upper
117 100
119 4.4 73.4 110.2#
121 0.0 23.8 35.6#



#44
Trichloroethene
Concen: 0.362 ug/l
RT: 7.117 min Scan# 989
Delta R.T. 0.006 min
Lab File: VX047913.D
Acq: 30 Sep 2025 16:00

Tgt Ion:130 Resp: 683
Ion Ratio Lower Upper
130 100
95 74.1 0.0 210.8





#50

Toluene-d8

Concen: 48.429 ug/l

RT: 8.635 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX047913.D

Acq: 30 Sep 2025 16:00

Instrument :

MSVOA_X

ClientSampleId :

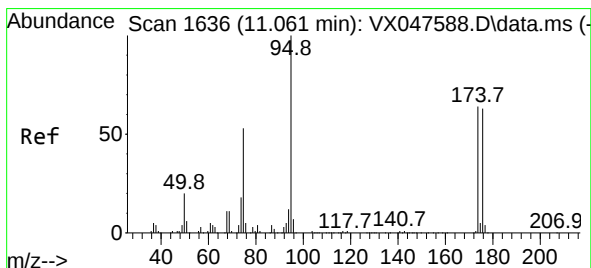
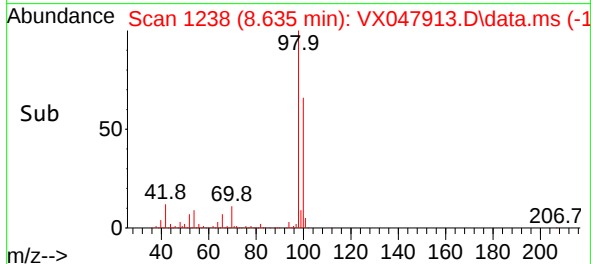
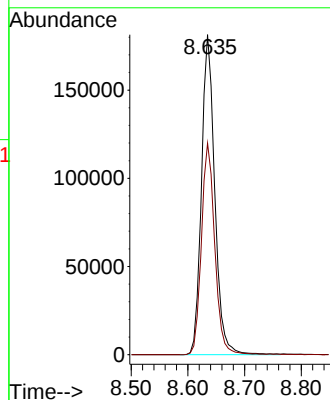
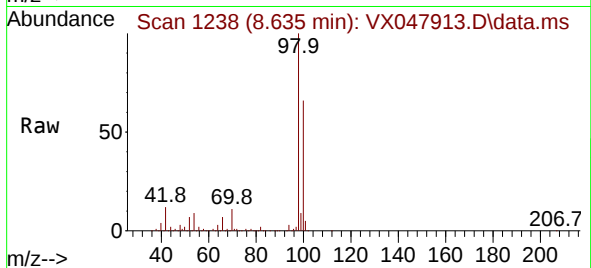
RW10A-MW01I-20250923

Tgt Ion: 98 Resp: 294330

Ion Ratio Lower Upper

98 100

100 66.4 53.0 79.4



#62

4-Bromofluorobenzene

Concen: 53.758 ug/l

RT: 11.061 min Scan# 1636

Delta R.T. 0.000 min

Lab File: VX047913.D

Acq: 30 Sep 2025 16:00

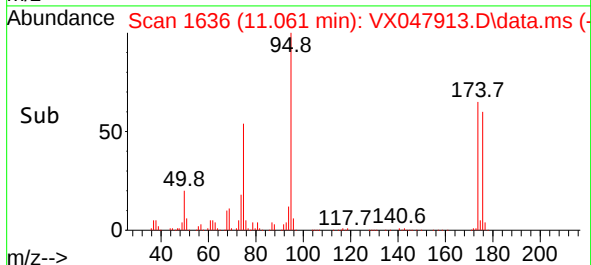
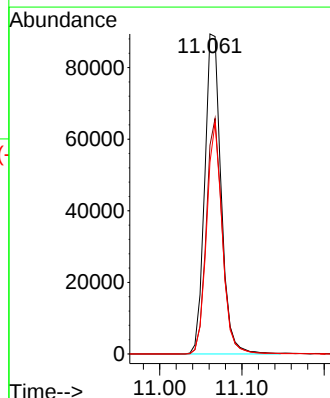
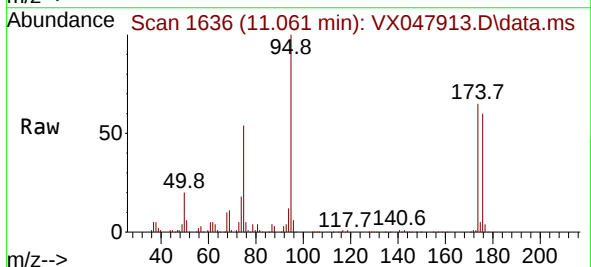
Tgt Ion: 95 Resp: 123994

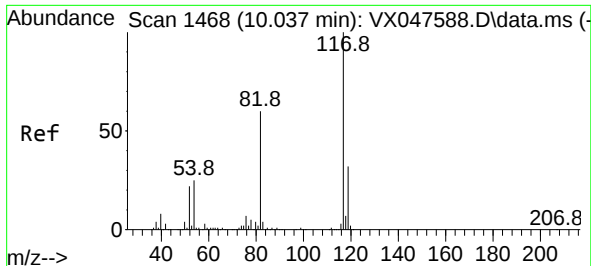
Ion Ratio Lower Upper

95 100

174 72.1 0.0 141.6

176 69.0 0.0 138.4

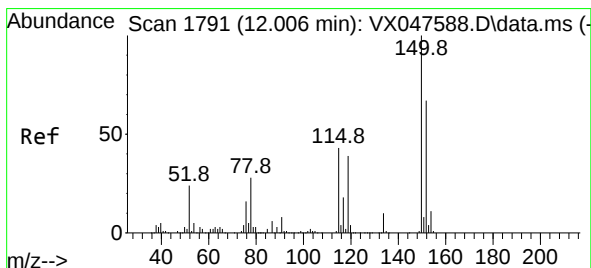
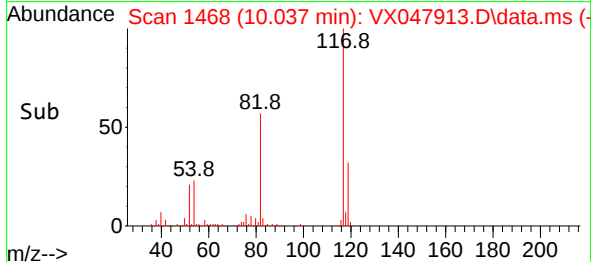
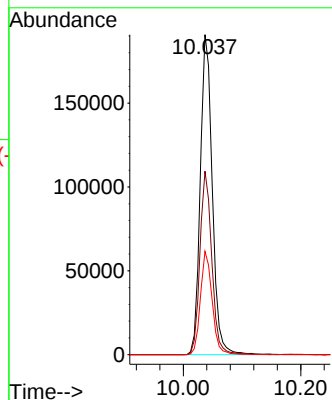
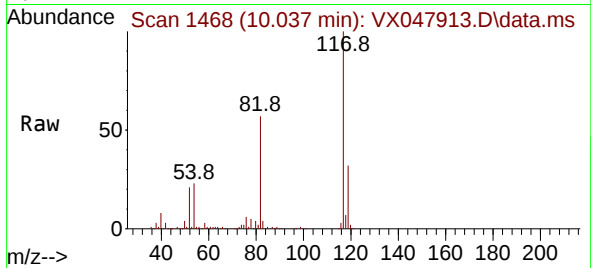




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX047913.D
Acq: 30 Sep 2025 16:00

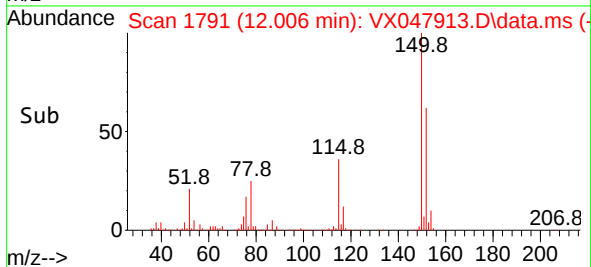
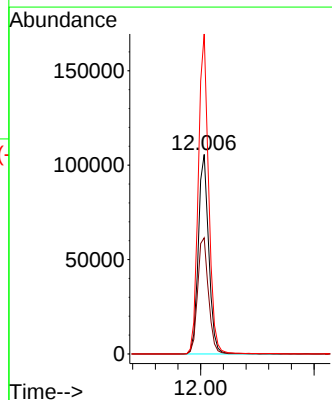
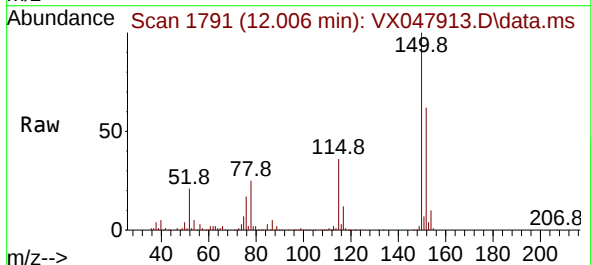
Instrument :
MSVOA_X
ClientSampleId :
RW10A-MW01I-20250923

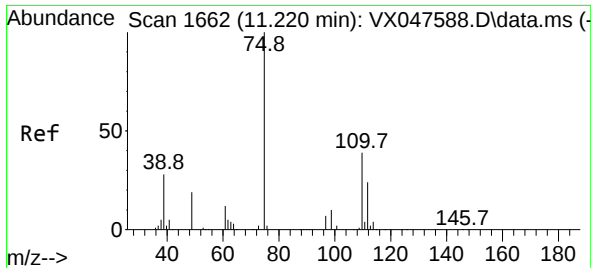
Tgt Ion:117 Resp: 270426
Ion Ratio Lower Upper
117 100
82 57.3 47.8 71.6
119 32.3 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX047913.D
Acq: 30 Sep 2025 16:00

Tgt Ion:152 Resp: 134429
Ion Ratio Lower Upper
152 100
115 60.6 44.9 134.5
150 159.2 0.0 352.0

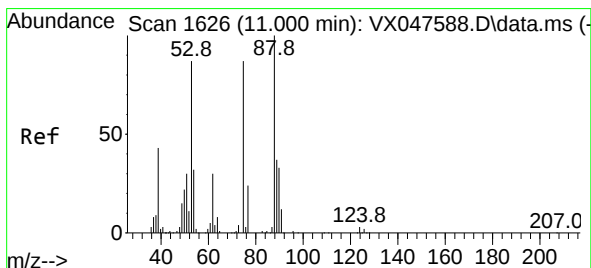
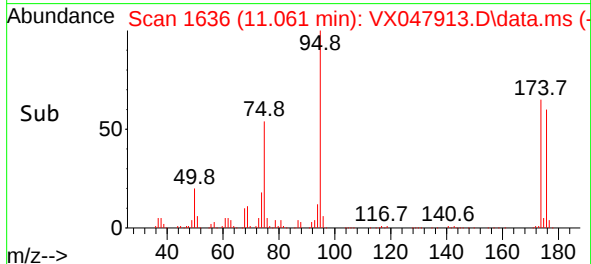
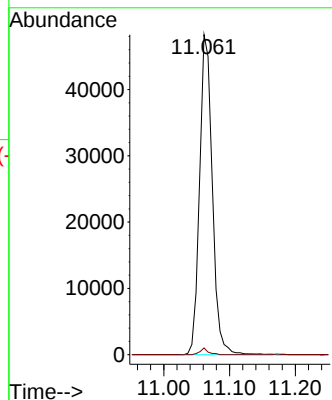
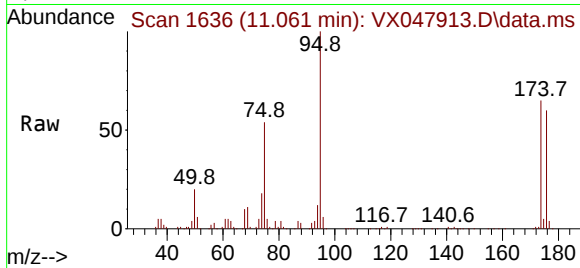




#76
1,2,3-Trichloropropane
Concen: 23.880 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.159 min
Lab File: VX047913.D
Acq: 30 Sep 2025 16:00

Instrument :
MSVOA_X
ClientSampleId :
RW10A-MW01-20250923

Tgt Ion: 75 Resp: 64997
Ion Ratio Lower Upper
75 100
77 1.3 18.8 56.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 60.898 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.061 min
Lab File: VX047913.D
Acq: 30 Sep 2025 16:00

Tgt Ion: 75 Resp: 64997
Ion Ratio Lower Upper
75 100
53 0.0 83.4 125.2#
89 0.0 36.3 54.5#

