

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100125\
 Data File : VX047948.D
 Acq On : 01 Oct 2025 17:56
 Operator : JC/MD
 Sample : Q3193-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW10-MW01D-20250923

Quant Time: Oct 03 01:27:28 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)

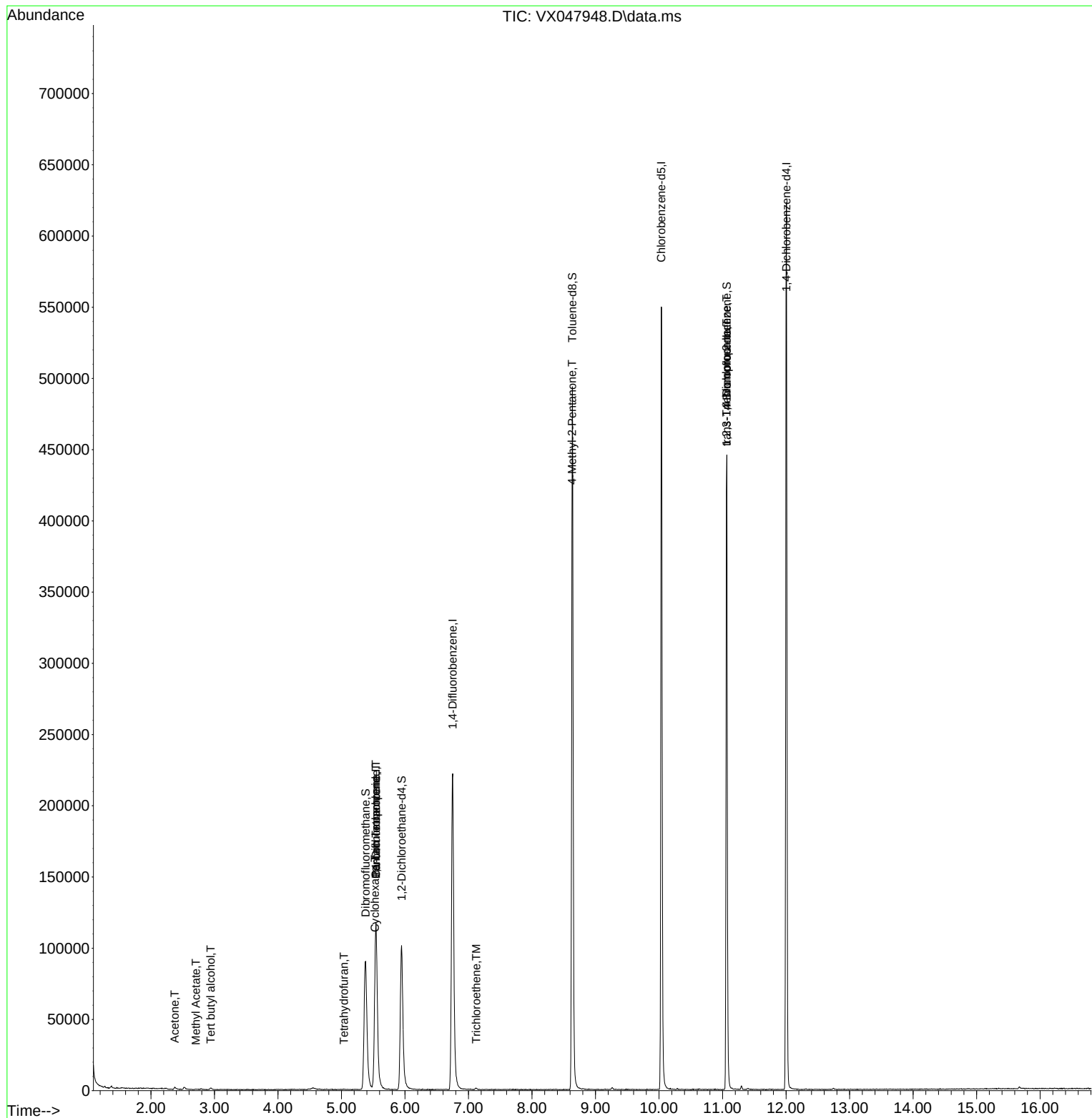
Internal Standards						
1) Pentafluorobenzene	5.544	168	114654	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	240635	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	251538	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	129301	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	109782	60.154	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 120.300%#		
35) Dibromofluoromethane	5.379	113	89966	55.747	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 111.500%		
50) Toluene-d8	8.635	98	302786	54.222	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 108.440%		
62) 4-Bromofluorobenzene	11.067	95	130975	61.801	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 123.600%#		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.941	59	476	2.342	ug/l #	72
16) Acetone	2.374	43	2236	2.818	ug/l #	73
18) Methyl Acetate	2.709	43	413	0.234	ug/l #	54
29) Tetrahydrofuran	5.038	42	120	0.202	ug/l #	34
31) Cyclohexane	5.525	56	2586	1.072	ug/l #	31
36) 1,1-Dichloropropene	5.544	75	10053	4.263	ug/l #	52
38) Carbon Tetrachloride	5.544	117	12193	4.759	ug/l #	17
44) Trichloroethene	7.123	130	434	0.251	ug/l	97
51) 4-Methyl-2-Pentanone	8.629	43	1351	0.588	ug/l #	1
76) 1,2,3-Trichloropropane	11.061	75	67570	25.810	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.061	75	67570	65.820	ug/l #	8

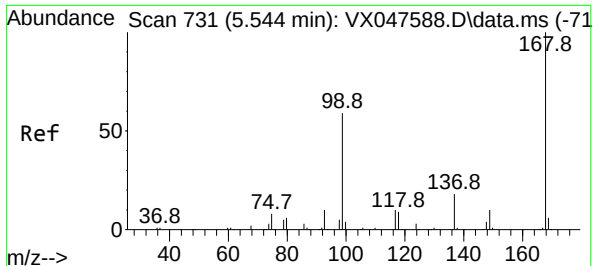
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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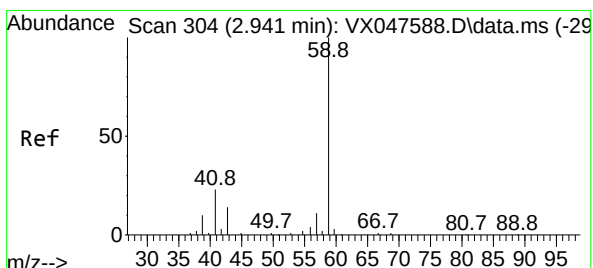
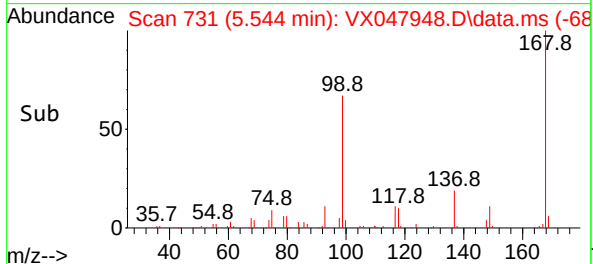
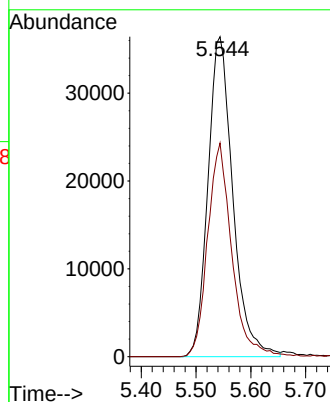
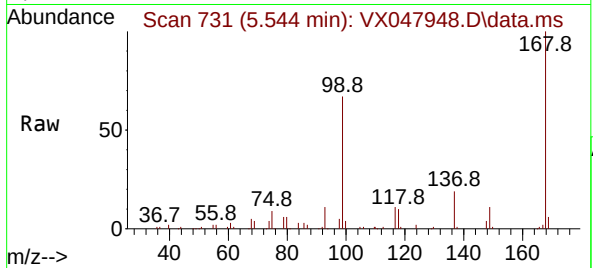




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.000 min
Lab File: VX047948.D
Acq: 01 Oct 2025 17:56

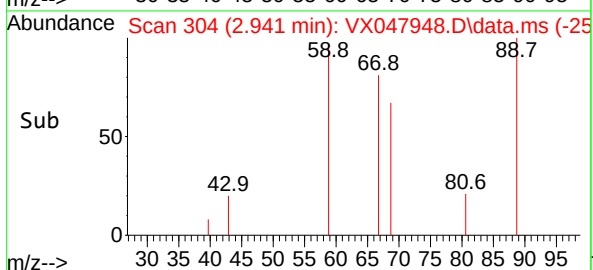
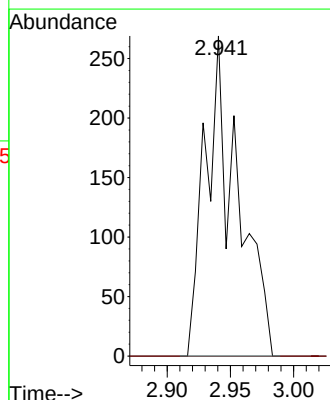
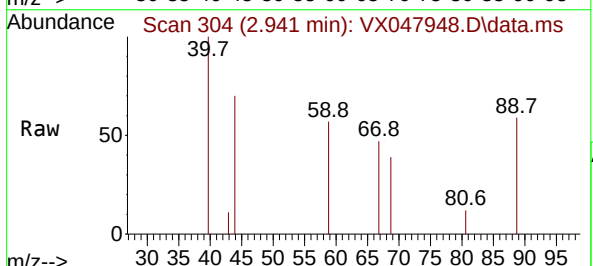
Instrument :
MSVOA_X
ClientSampleId :
RW10-MW01D-20250923

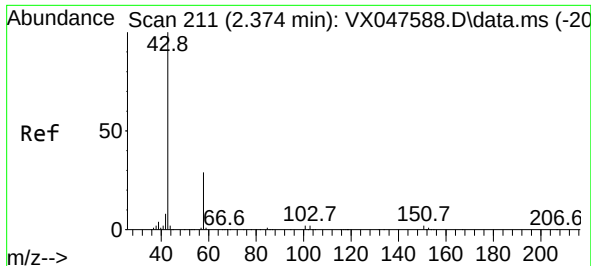
Tgt Ion:168 Resp: 114654
Ion Ratio Lower Upper
168 100
99 66.8 48.8 73.2



#11
Tert butyl alcohol
Concen: 2.342 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.000 min
Lab File: VX047948.D
Acq: 01 Oct 2025 17:56

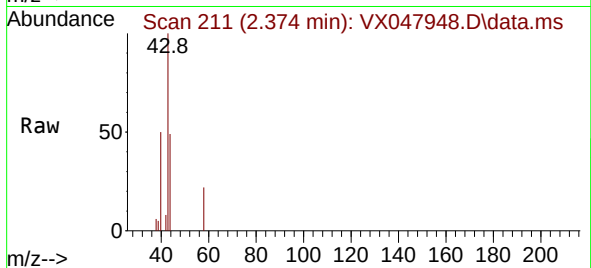
Tgt Ion: 59 Resp: 476
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



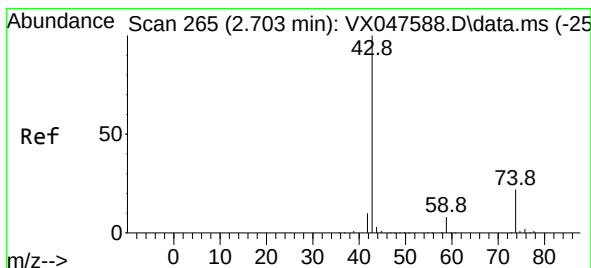
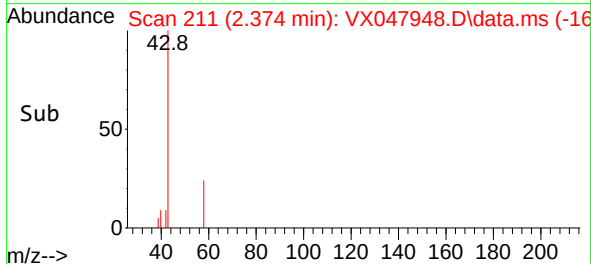
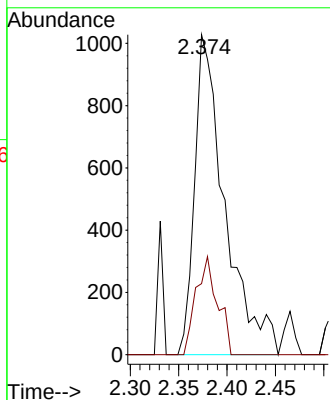


#16
Acetone
Concen: 2.818 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047948.D
Acq: 01 Oct 2025 17:56

Instrument :
MSVOA_X
ClientSampleId :
RW10-MW01D-20250923

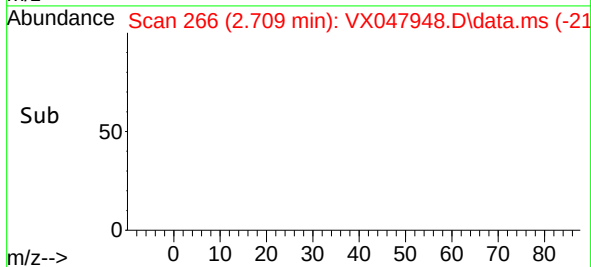
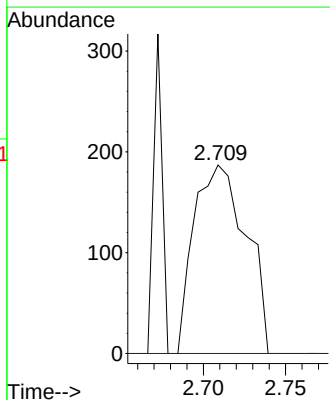
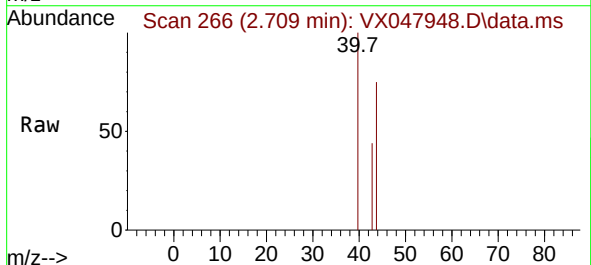


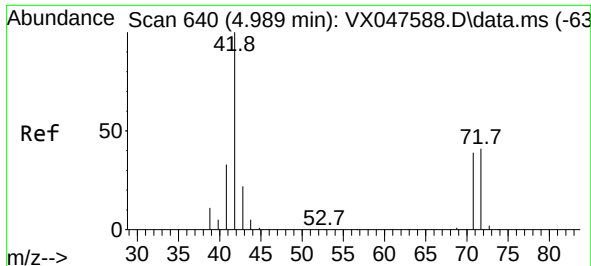
Tgt Ion: 43 Resp: 2236
Ion Ratio Lower Upper
43 100
58 14.9 23.4 35.0#



#18
Methyl Acetate
Concen: 0.234 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX047948.D
Acq: 01 Oct 2025 17:56

Tgt Ion: 43 Resp: 413
Ion Ratio Lower Upper
43 100
74 0.0 17.4 26.2#





#29

Tetrahydrofuran

Concen: 0.202 ug/l

RT: 5.038 min Scan# 64

Delta R.T. 0.049 min

Lab File: VX047948.D

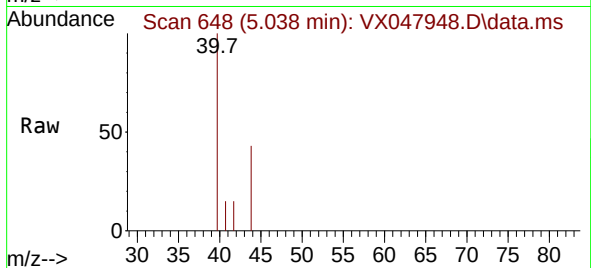
Acq: 01 Oct 2025 17:56

Instrument :

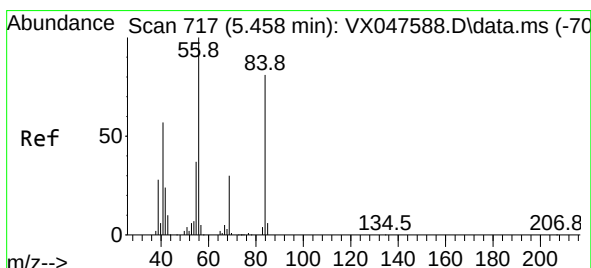
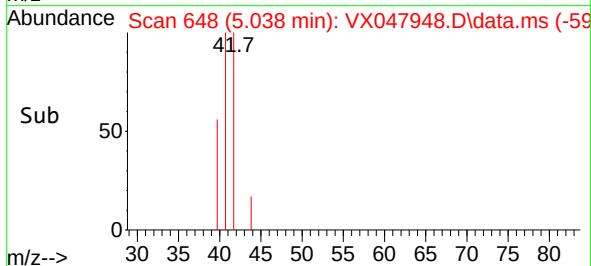
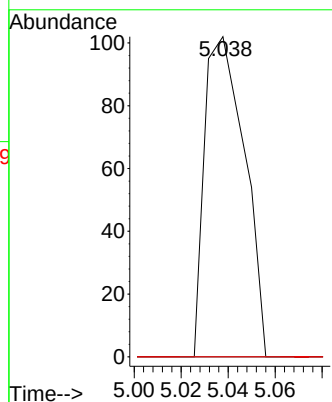
MSVOA_X

ClientSampleId :

RW10-MW01D-20250923



Tgt Ion:	42	Resp:	120
Ion	Ratio	Lower	Upper
42	100		
72	0.0	34.2	51.2#
71	0.0	31.9	47.9#



#31

Cyclohexane

Concen: 1.072 ug/l

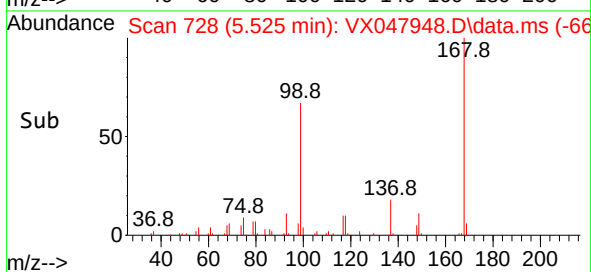
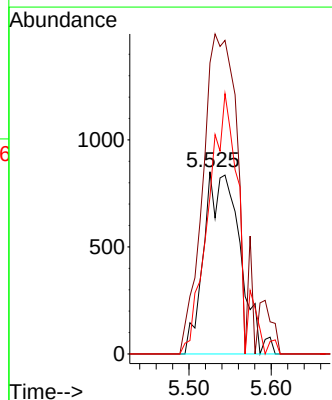
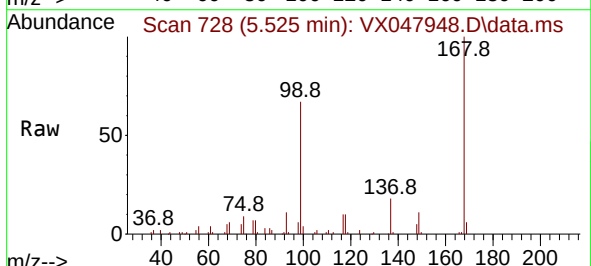
RT: 5.525 min Scan# 728

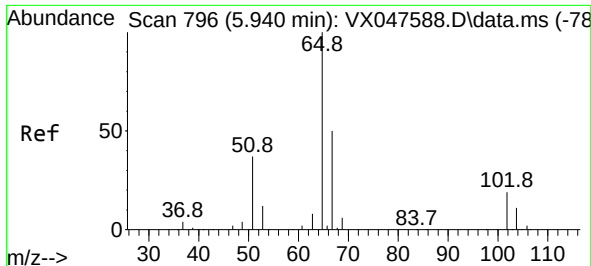
Delta R.T. 0.067 min

Lab File: VX047948.D

Acq: 01 Oct 2025 17:56

Tgt Ion:	56	Resp:	2586
Ion	Ratio	Lower	Upper
56	100		
69	159.8	23.8	35.8#
84	86.4	64.6	97.0





#33

1,2-Dichloroethane-d4

Concen: 60.154 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX047948.D

Acq: 01 Oct 2025 17:56

Instrument :

MSVOA_X

ClientSampleId :

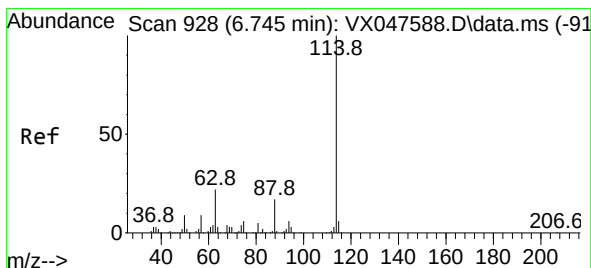
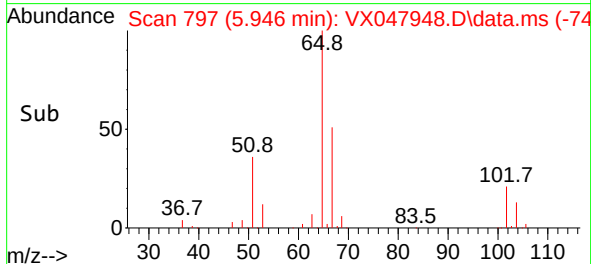
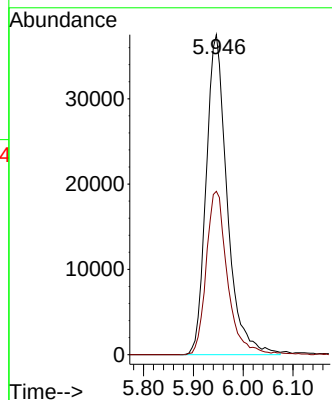
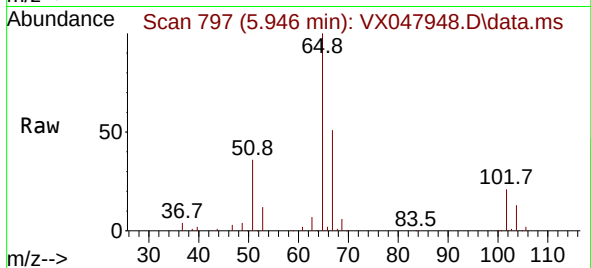
RW10-MW01D-20250923

Tgt Ion: 65 Resp: 109782

Ion Ratio Lower Upper

65 100

67 51.3 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: VX047948.D

Acq: 01 Oct 2025 17:56

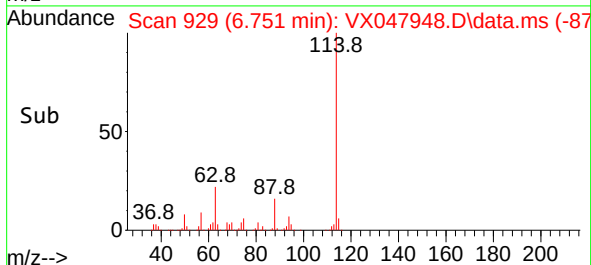
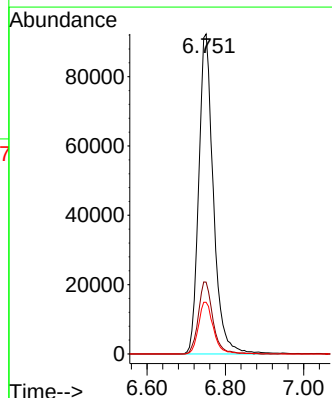
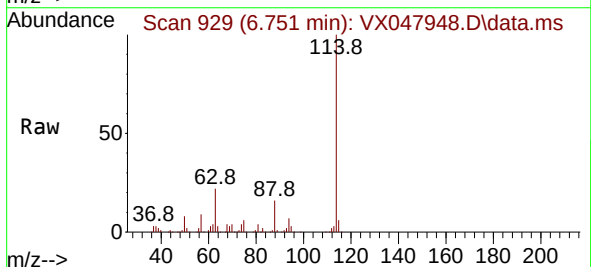
Tgt Ion: 114 Resp: 240635

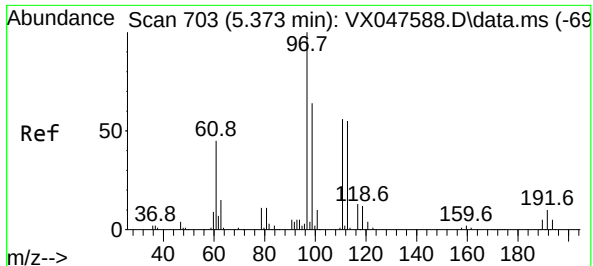
Ion Ratio Lower Upper

114 100

63 22.5 0.0 44.0

88 16.2 0.0 34.2

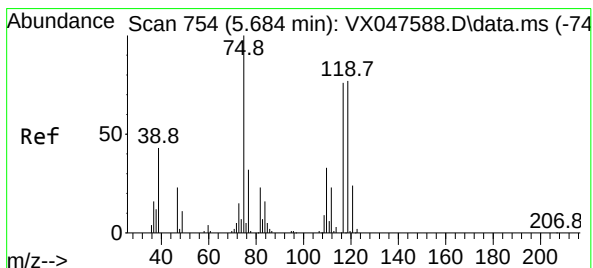
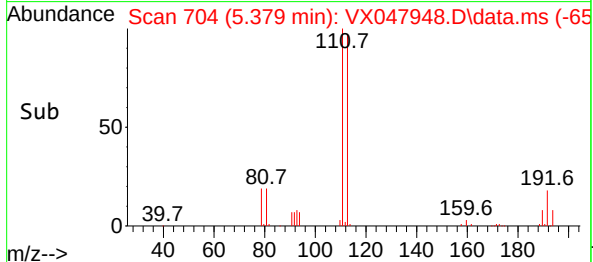
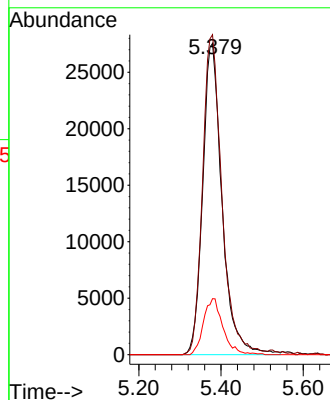
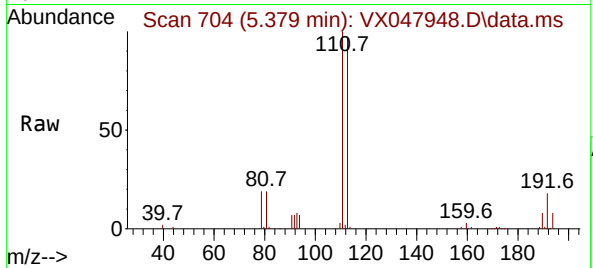




#35
Dibromofluoromethane
Concen: 55.747 ug/l
RT: 5.379 min Scan# 703
Delta R.T. 0.006 min
Lab File: VX047948.D
Acq: 01 Oct 2025 17:56

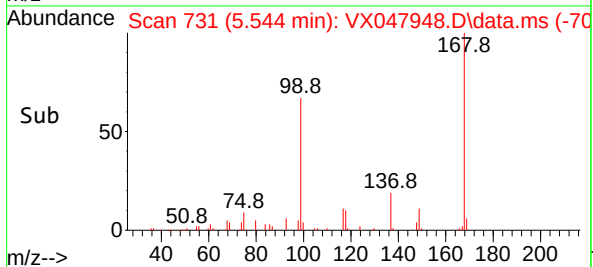
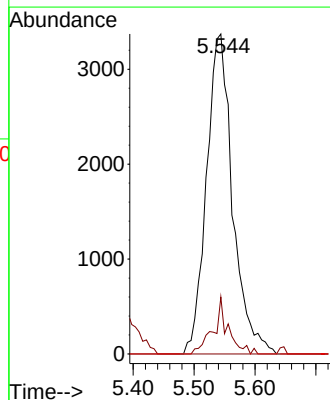
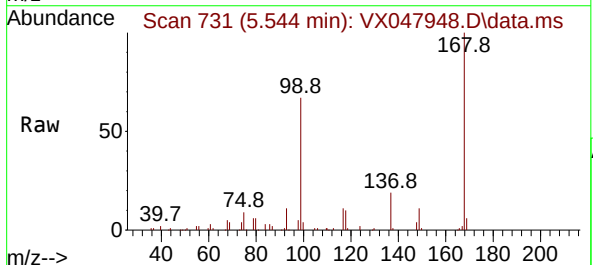
Instrument :
MSVOA_X
ClientSampleId :
RW10-MW01D-20250923

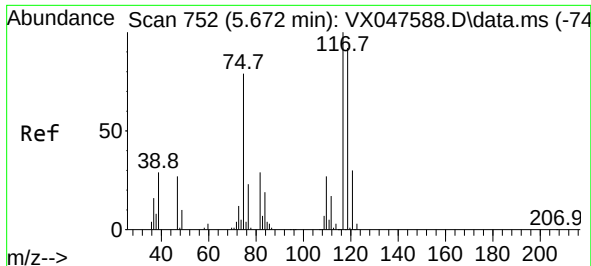
Tgt Ion:113 Resp: 89966
Ion Ratio Lower Upper
113 100
111 103.0 80.9 121.3
192 18.2 14.2 21.4



#36
1,1-Dichloropropene
Concen: 4.263 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.140 min
Lab File: VX047948.D
Acq: 01 Oct 2025 17:56

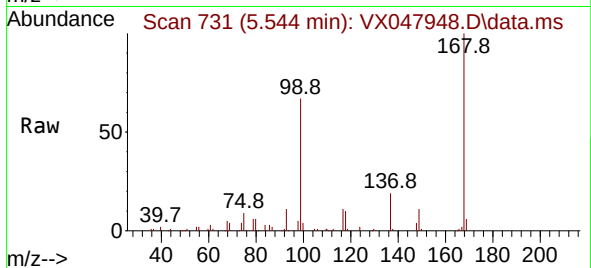
Tgt Ion: 75 Resp: 10053
Ion Ratio Lower Upper
75 100
110 10.2 16.7 50.1#
77 0.0 24.3 36.5#



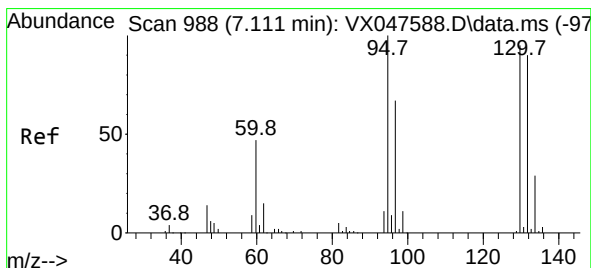
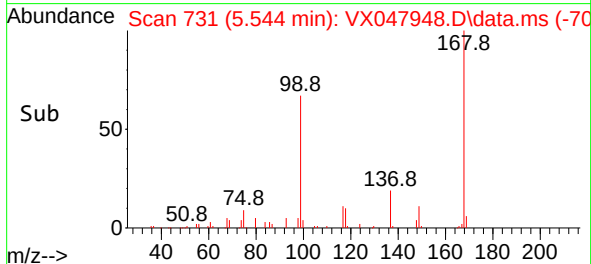
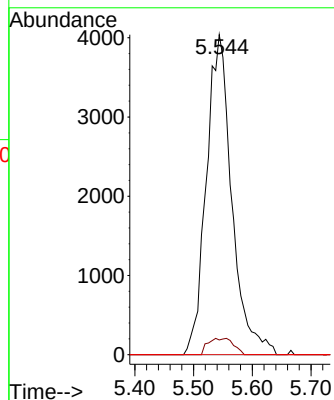


#38
Carbon Tetrachloride
Concen: 4.759 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX047948.D
Acq: 01 Oct 2025 17:56

Instrument :
MSVOA_X
ClientSampleId :
RW10-MW01D-20250923

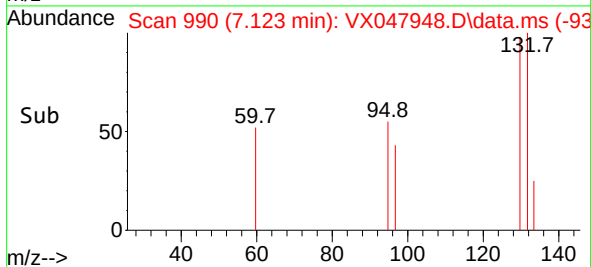
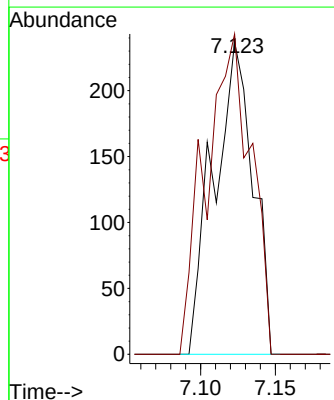
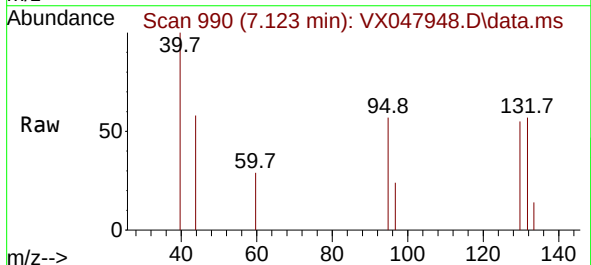


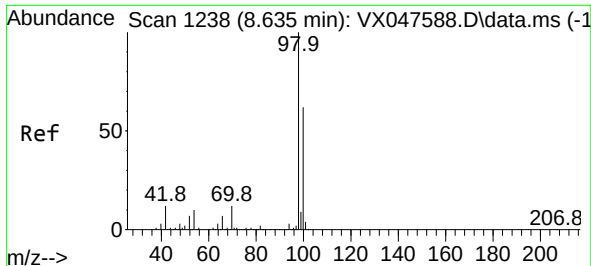
Tgt Ion:117 Resp: 12193
Ion Ratio Lower Upper
117 100
119 4.6 73.4 110.2#
121 0.0 23.8 35.6#



#44
Trichloroethene
Concen: 0.251 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.012 min
Lab File: VX047948.D
Acq: 01 Oct 2025 17:56

Tgt Ion:130 Resp: 434
Ion Ratio Lower Upper
130 100
95 102.5 0.0 210.8

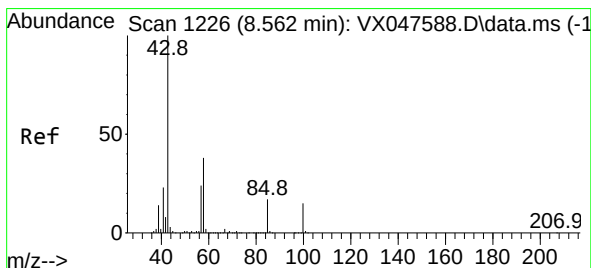
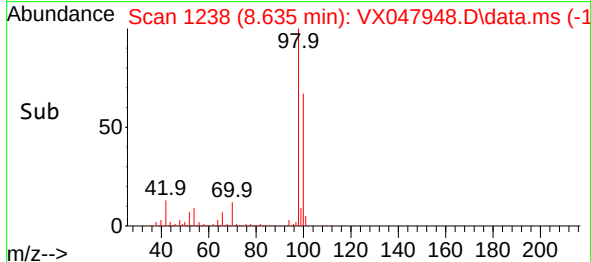
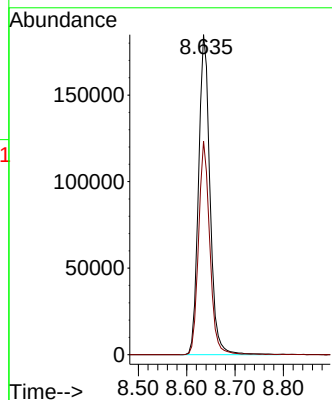
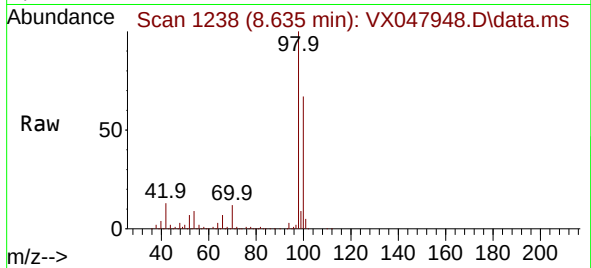




#50
Toluene-d8
Concen: 54.222 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047948.D
Acq: 01 Oct 2025 17:56

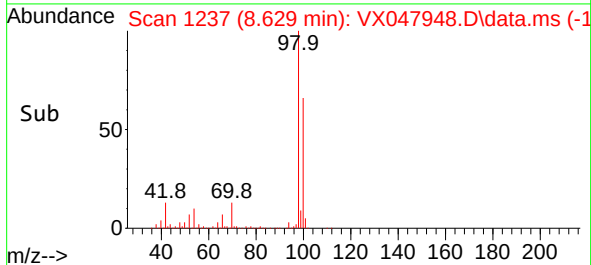
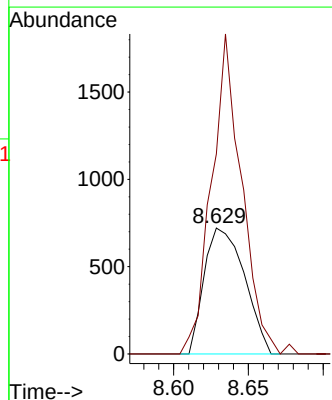
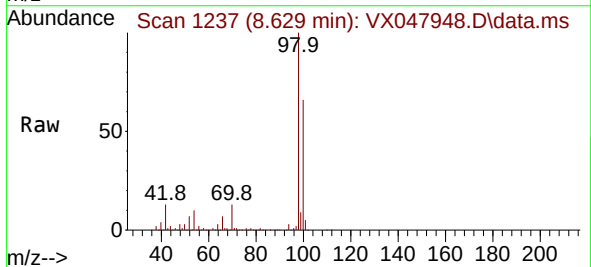
Instrument :
MSVOA_X
ClientSampleId :
RW10-MW01D-20250923

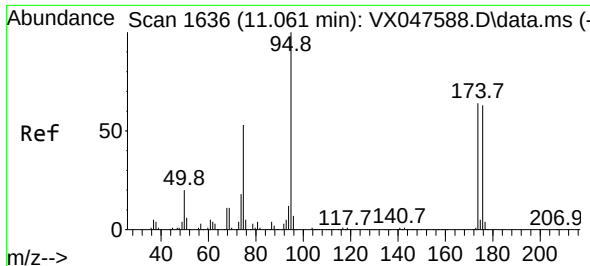
Tgt Ion: 98 Resp: 302786
Ion Ratio Lower Upper
98 100
100 65.6 53.0 79.4



#51
4-Methyl-2-Pentanone
Concen: 0.588 ug/l
RT: 8.629 min Scan# 1237
Delta R.T. 0.067 min
Lab File: VX047948.D
Acq: 01 Oct 2025 17:56

Tgt Ion: 43 Resp: 1351
Ion Ratio Lower Upper
43 100
58 191.3 30.3 45.5#

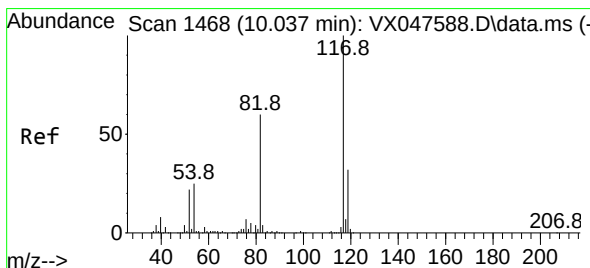
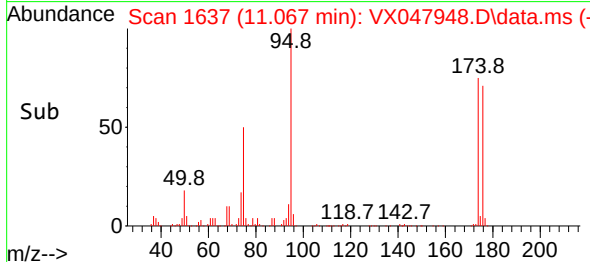
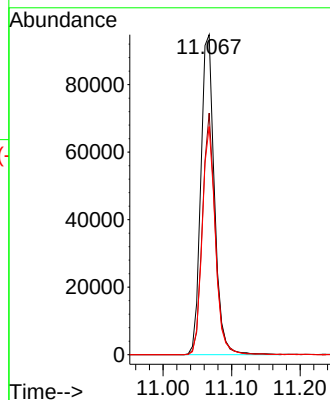
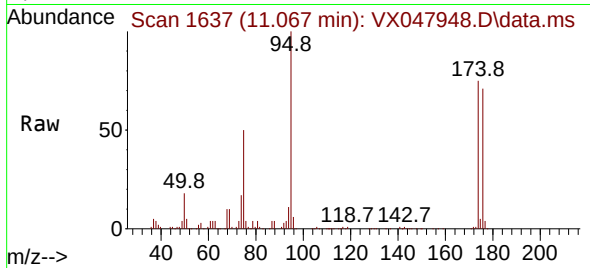




#62
4-Bromofluorobenzene
Concen: 61.801 ug/l
RT: 11.067 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047948.D
Acq: 01 Oct 2025 17:56

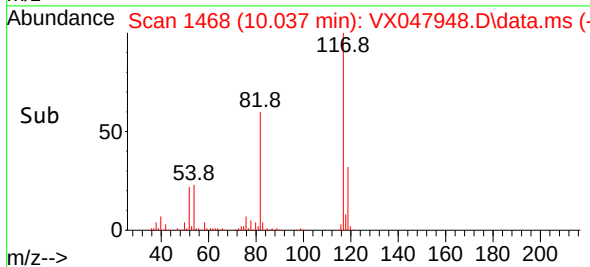
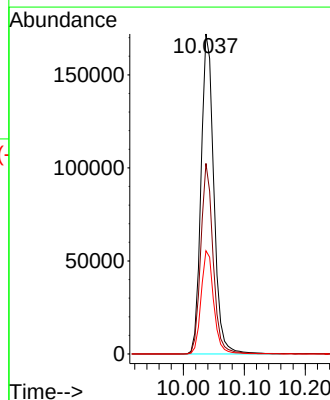
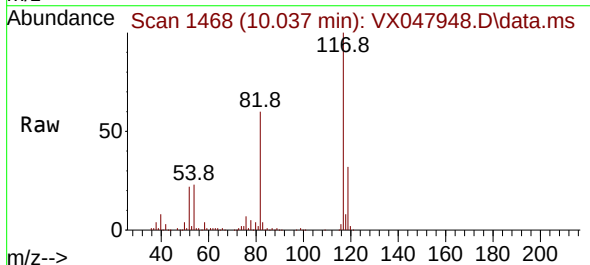
Instrument :
MSVOA_X
ClientSampleId :
RW10-MW01D-20250923

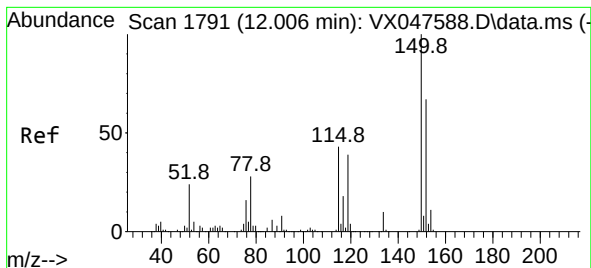
Tgt Ion: 95 Resp: 130975
Ion Ratio Lower Upper
95 100
174 71.7 0.0 141.6
176 69.0 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047948.D
Acq: 01 Oct 2025 17:56

Tgt Ion: 117 Resp: 251538
Ion Ratio Lower Upper
117 100
82 59.6 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# 11

Delta R.T. -0.000 min

Lab File: VX047948.D

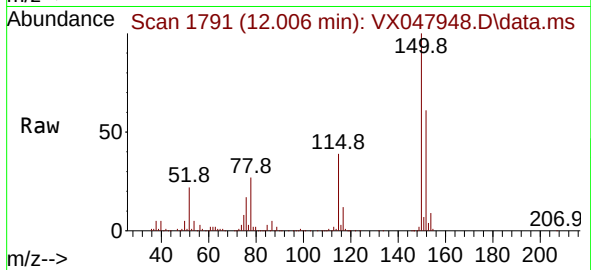
Acq: 01 Oct 2025 17:56

Instrument :

MSVOA_X

ClientSampleId :

RW10-MW01D-20250923



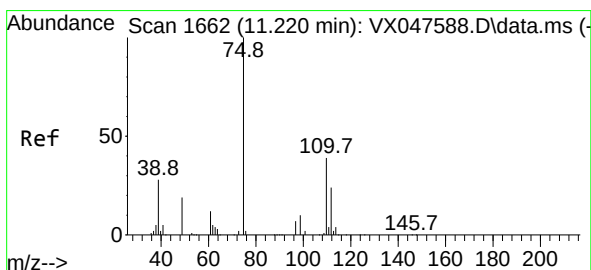
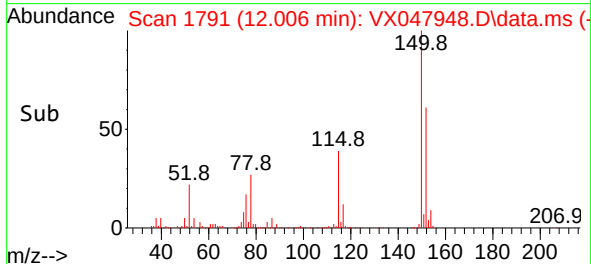
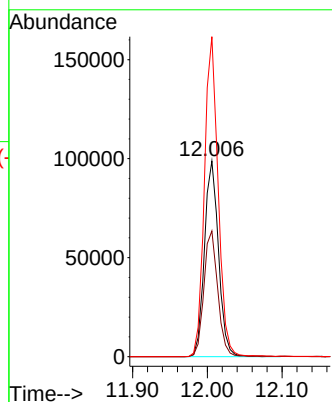
Tgt Ion:152 Resp: 129301

Ion Ratio Lower Upper

152 100

115 63.4 44.9 134.5

150 159.1 0.0 352.0



#76

1,2,3-Trichloropropane

Concen: 25.810 ug/l

RT: 11.061 min Scan# 1636

Delta R.T. -0.159 min

Lab File: VX047948.D

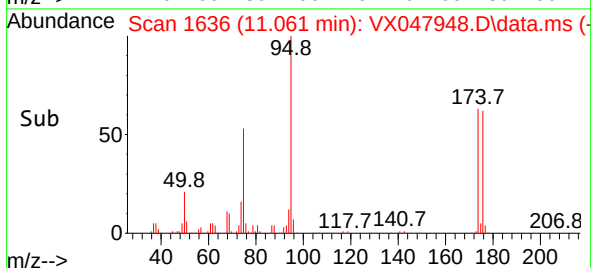
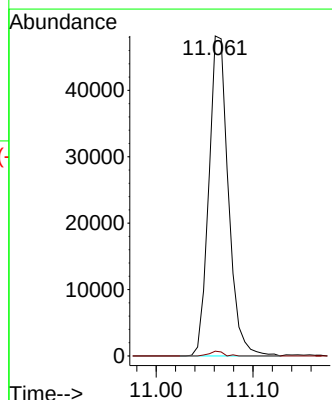
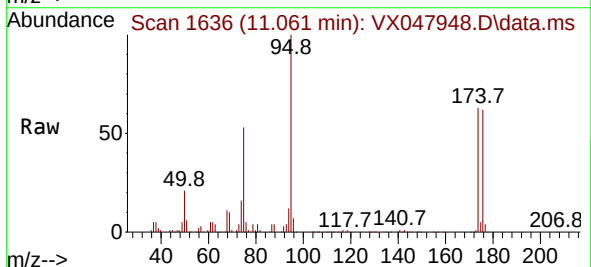
Acq: 01 Oct 2025 17:56

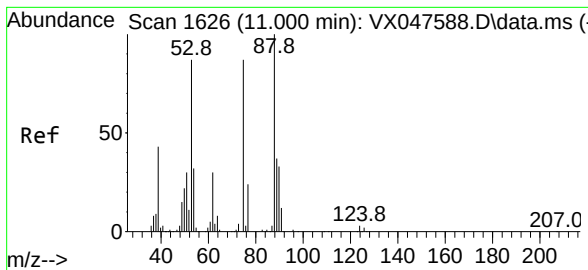
Tgt Ion: 75 Resp: 67570

Ion Ratio Lower Upper

75 100

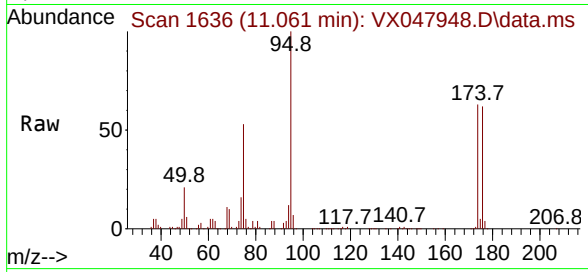
77 1.1 18.8 56.4#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.820 ug/l
 RT: 11.061 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX047948.D
 Acq: 01 Oct 2025 17:56

Instrument :
 MSVOA_X
 ClientSampleId :
 RW10-MW01D-20250923



Tgt Ion: 75 Resp: 67570
 Ion Ratio Lower Upper
 75 100
 53 0.1 83.4 125.2#
 89 0.0 36.3 54.5#

