

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100225\
 Data File : VX047972.D
 Acq On : 02 Oct 2025 16:33
 Operator : JC/MD
 Sample : Q3194-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW11-MW01I-20250922

Quant Time: Oct 03 03:33:21 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)

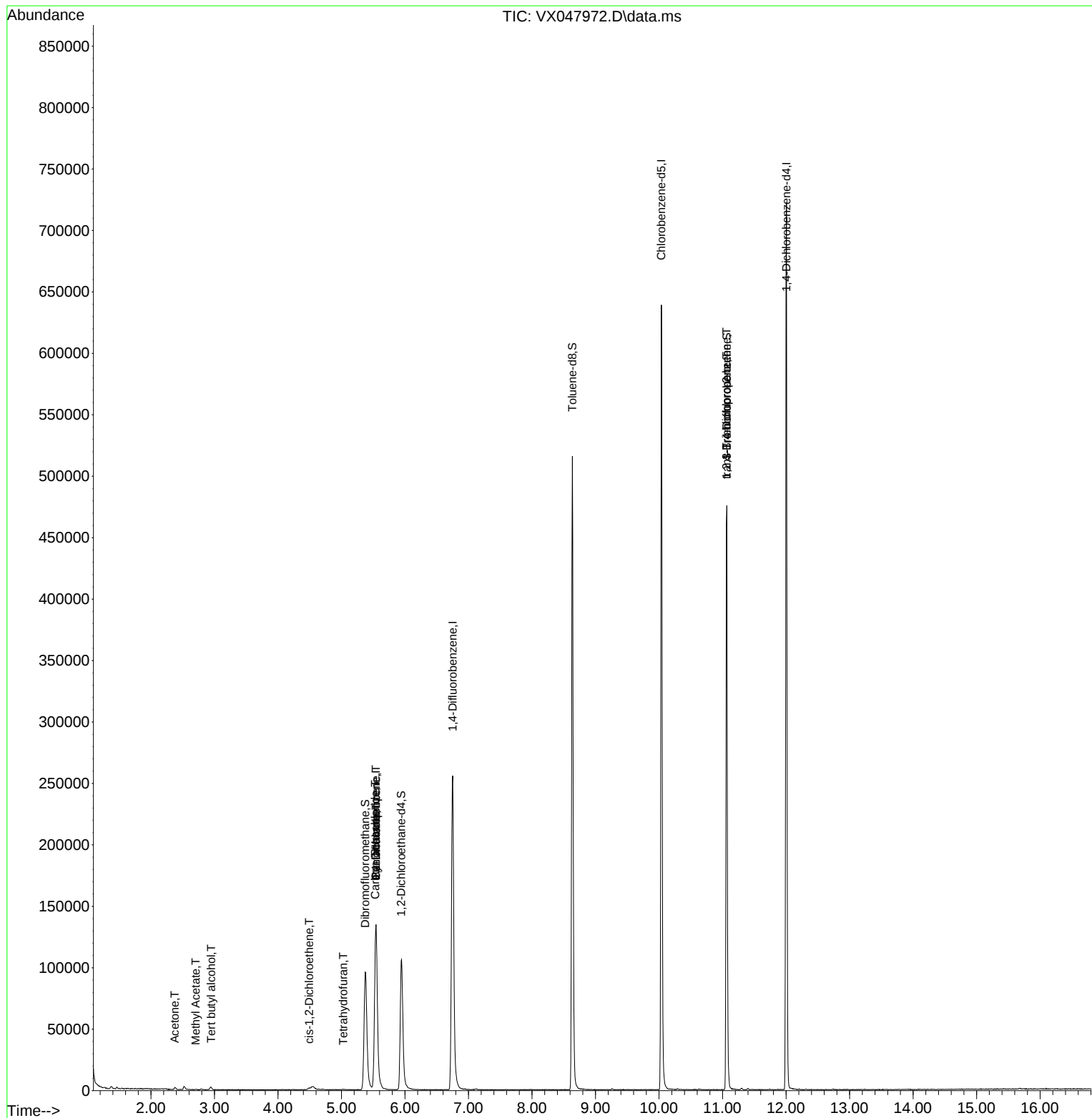
Internal Standards						
1) Pentafluorobenzene	5.544	168	134837	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	279573	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	292400	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	149635	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	117345	54.674	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.340%			
35) Dibromofluoromethane	5.373	113	94906	50.617	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.240%			
50) Toluene-d8	8.635	98	316318	48.756	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.520%			
62) 4-Bromofluorobenzene	11.067	95	140496	57.061	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 114.120%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	1046	4.376	ug/l #	72
16) Acetone	2.374	43	2674	2.865	ug/l #	84
18) Methyl Acetate	2.703	43	492	0.237	ug/l #	54
27) cis-1,2-Dichloroethene	4.489	96	540	0.256	ug/l	23
29) Tetrahydrofuran	5.026	42	324	0.463	ug/l #	55
31) Cyclohexane	5.544	56	3127	1.103	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	12073	4.407	ug/l #	50
38) Carbon Tetrachloride	5.532	117	14553	4.889	ug/l #	17
76) 1,2,3-Trichloropropane	11.061	75	73573	24.284	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.061	75	73573	61.929	ug/l #	8

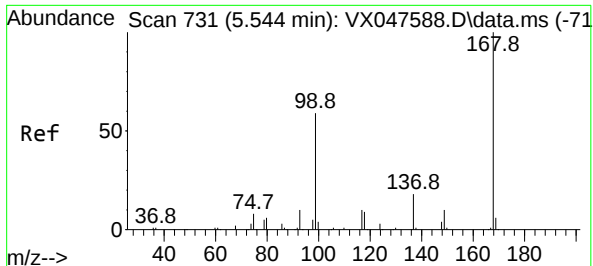
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100225\
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RW11-MW01I-20250922

Quant Time: Oct 03 03:33:21 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

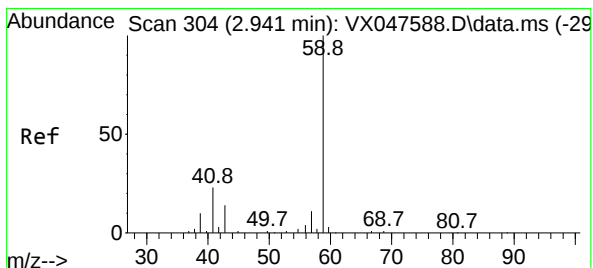
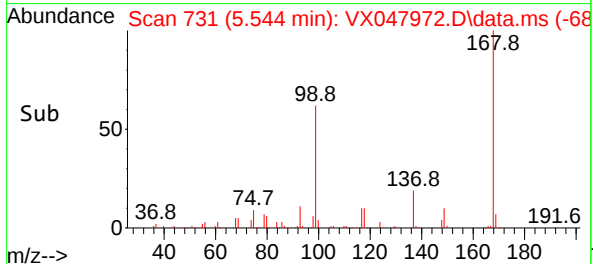
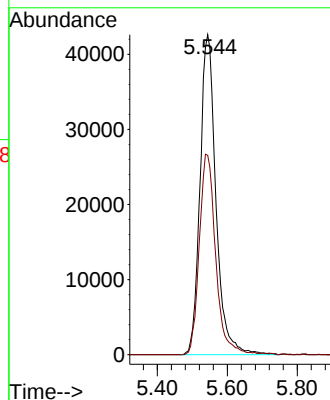
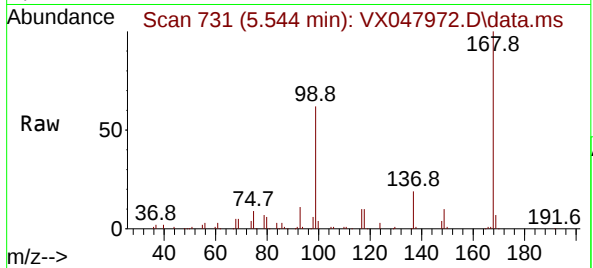




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047972.D
Acq: 02 Oct 2025 16:33

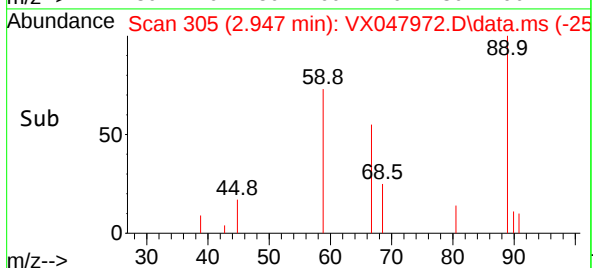
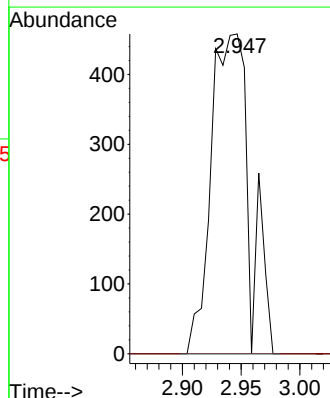
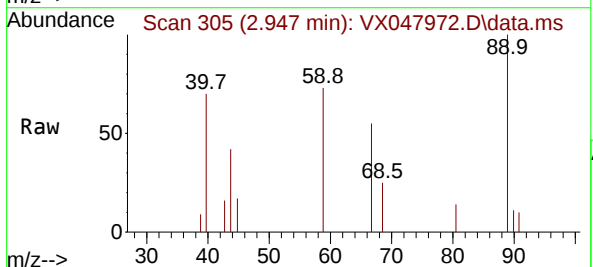
Instrument :
MSVOA_X
ClientSampleId :
RW11-MW01I-20250922

Tgt Ion:168 Resp: 134837
Ion Ratio Lower Upper
168 100
99 62.3 48.8 73.2



#11
Tert butyl alcohol
Concen: 4.376 ug/l
RT: 2.947 min Scan# 305
Delta R.T. 0.006 min
Lab File: VX047972.D
Acq: 02 Oct 2025 16:33

Tgt Ion: 59 Resp: 1046
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

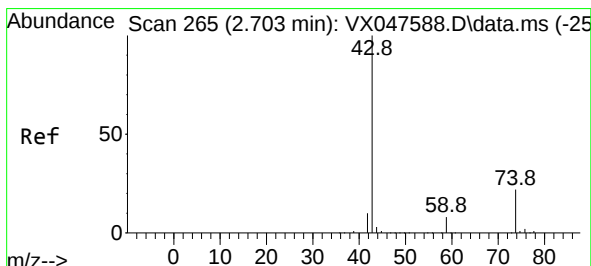
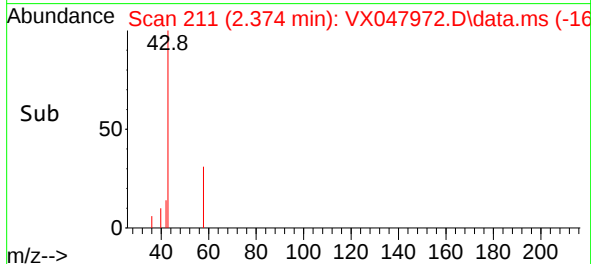
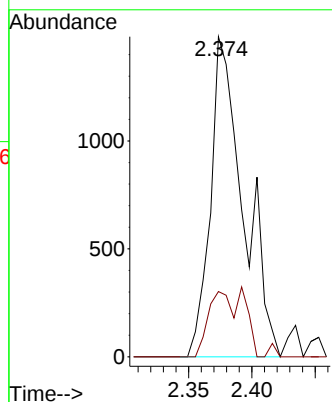
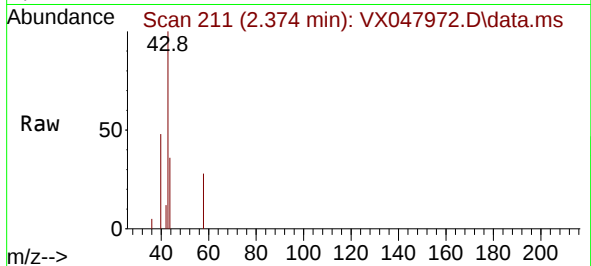




#16
Acetone
Concen: 2.865 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047972.D
Acq: 02 Oct 2025 16:33

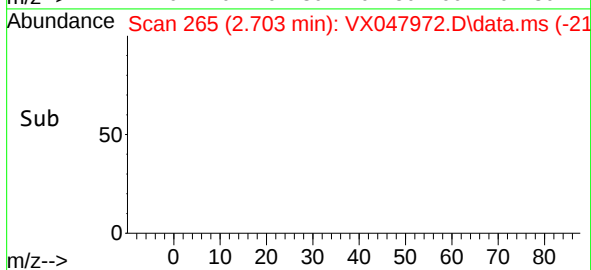
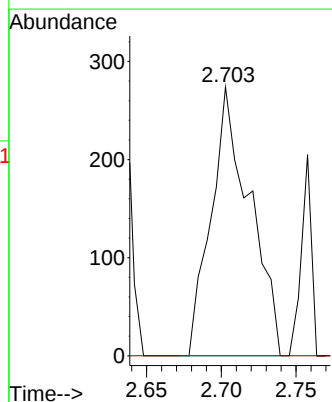
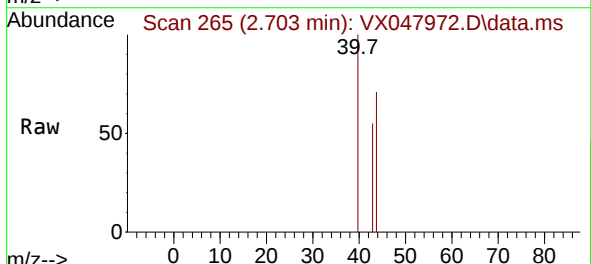
Instrument :
MSVOA_X
ClientSampleId :
RW11-MW01I-20250922

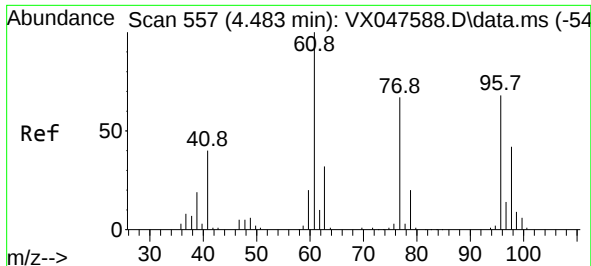
Tgt Ion: 43 Resp: 2674
Ion Ratio Lower Upper
43 100
58 20.4 23.4 35.0#



#18
Methyl Acetate
Concen: 0.237 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX047972.D
Acq: 02 Oct 2025 16:33

Tgt Ion: 43 Resp: 492
Ion Ratio Lower Upper
43 100
74 0.0 17.4 26.2#





#27

cis-1,2-Dichloroethene

Concen: 0.256 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX047972.D

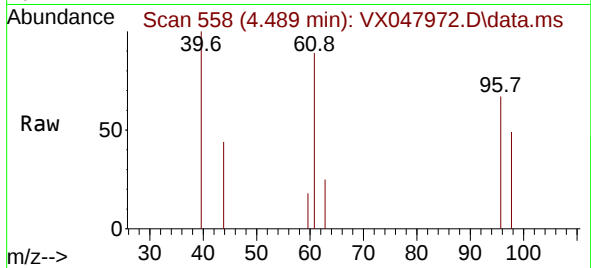
Acq: 02 Oct 2025 16:33

Instrument :

MSVOA_X

ClientSampleId :

RW11-MW01I-20250922



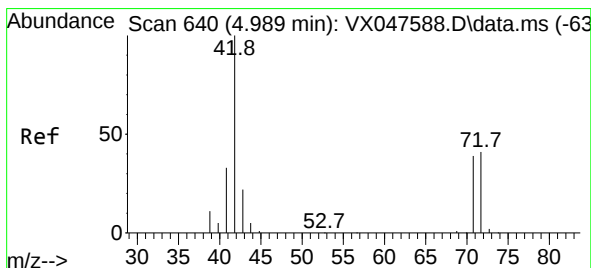
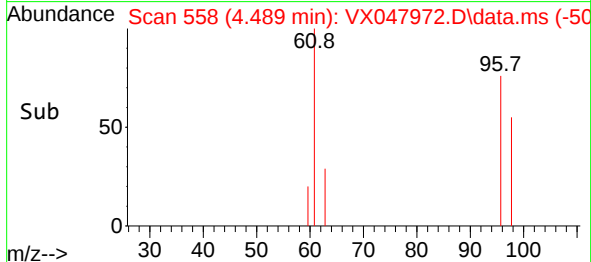
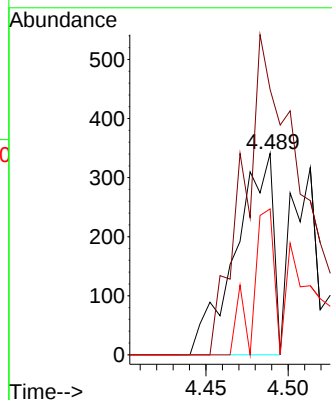
Tgt Ion: 96 Resp: 540

Ion Ratio Lower Upper

96 100

61 276.3 0.0 303.2

98 40.7 0.0 127.8



#29

Tetrahydrofuran

Concen: 0.463 ug/l

RT: 5.026 min Scan# 646

Delta R.T. 0.037 min

Lab File: VX047972.D

Acq: 02 Oct 2025 16:33

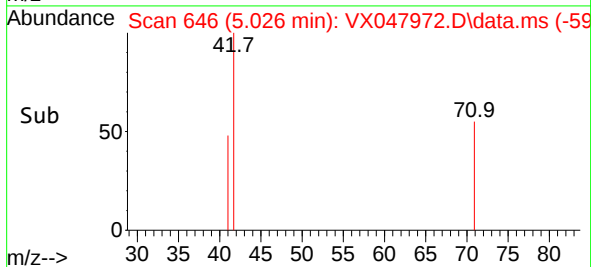
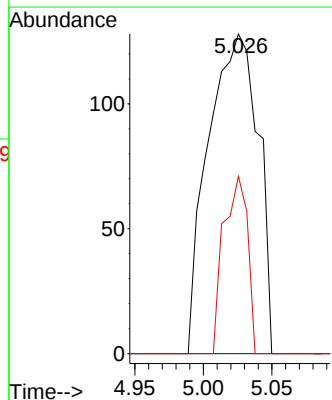
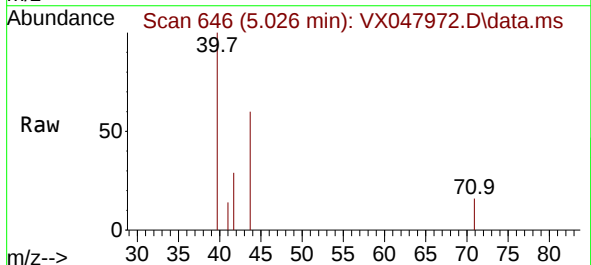
Tgt Ion: 42 Resp: 324

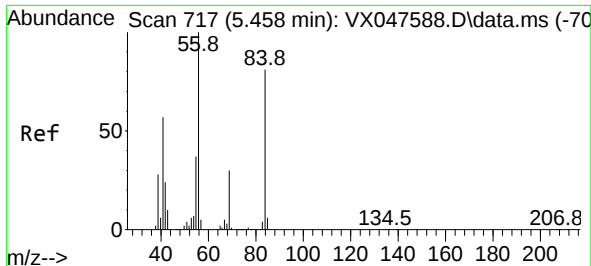
Ion Ratio Lower Upper

42 100

72 0.0 34.2 51.2#

71 26.5 31.9 47.9#

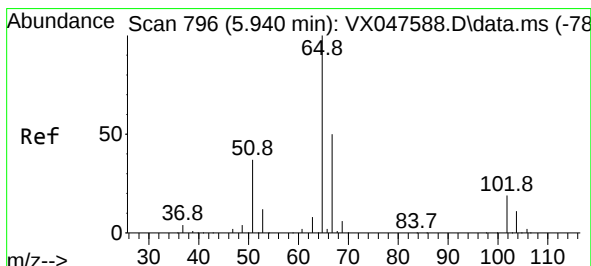
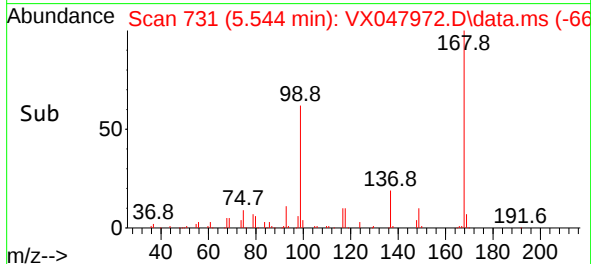
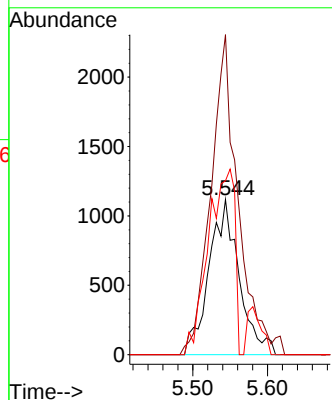
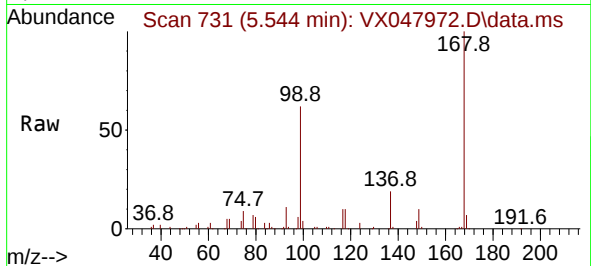




#31
Cyclohexane
Concen: 1.103 ug/l
RT: 5.544 min Scan# 717
Delta R.T. 0.085 min
Lab File: VX047972.D
Acq: 02 Oct 2025 16:33

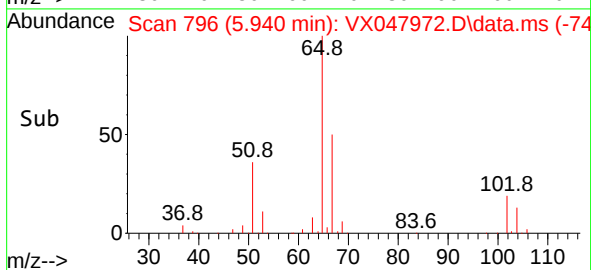
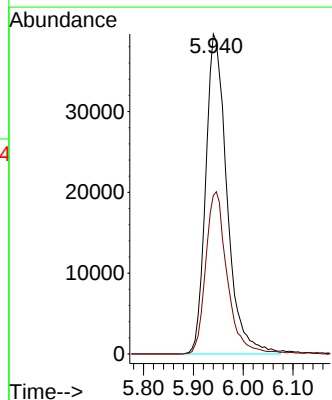
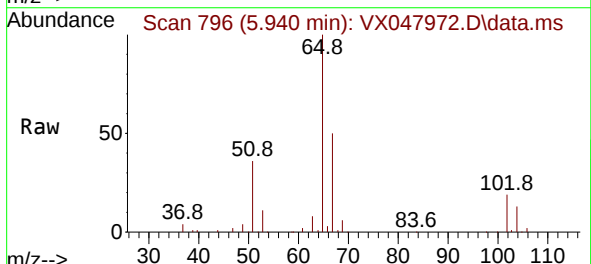
Instrument :
MSVOA_X
ClientSampleId :
RW11-MW01I-20250922

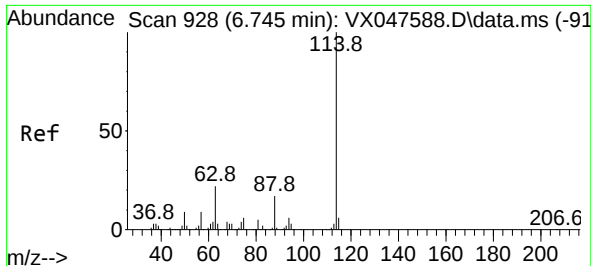
Tgt Ion: 56 Resp: 3127
Ion Ratio Lower Upper
56 100
69 206.3 23.8 35.8#
84 112.1 64.6 97.0#



#33
1,2-Dichloroethane-d4
Concen: 54.674 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX047972.D
Acq: 02 Oct 2025 16:33

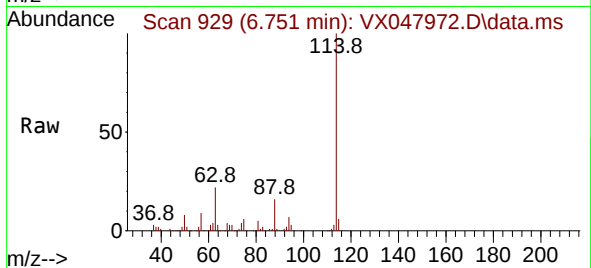
Tgt Ion: 65 Resp: 117345
Ion Ratio Lower Upper
65 100
67 51.2 0.0 103.0



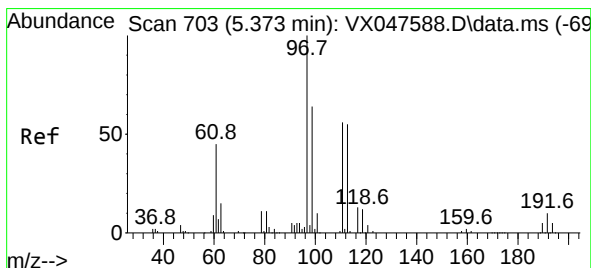
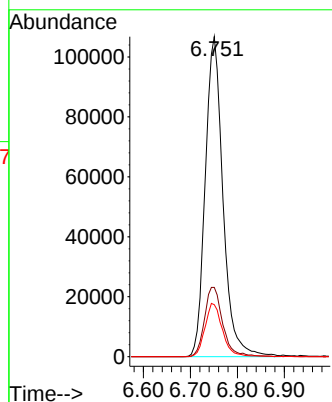
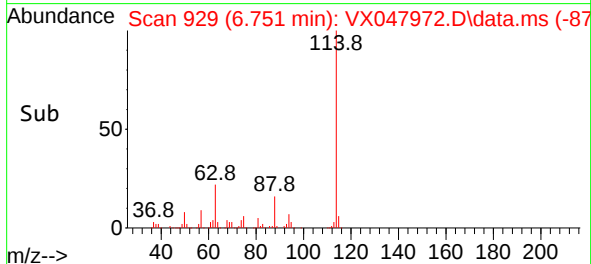


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX047972.D
Acq: 02 Oct 2025 16:33

Instrument :
MSVOA_X
ClientSampleId :
RW11-MW01I-20250922

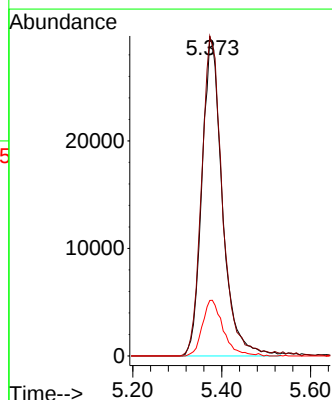
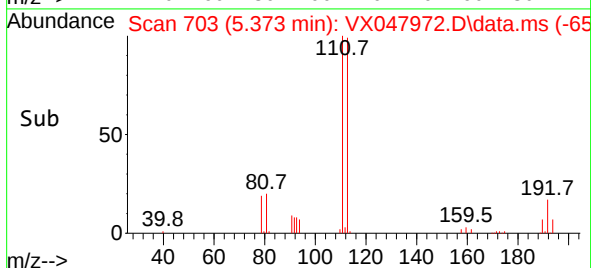
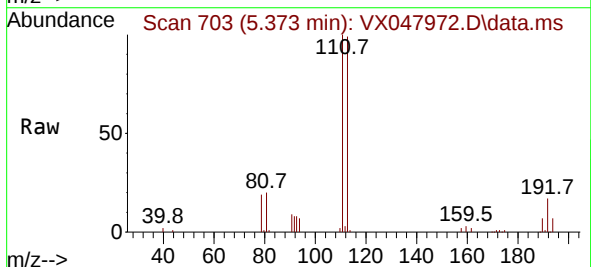


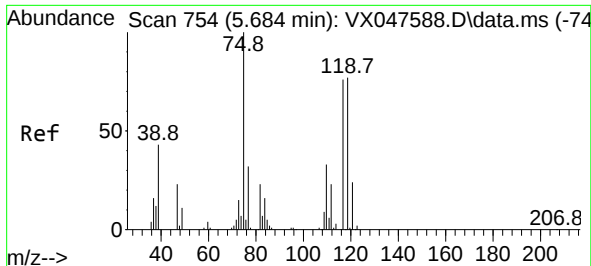
Tgt Ion:114 Resp: 279573
Ion Ratio Lower Upper
114 100
63 21.6 0.0 44.0
88 16.3 0.0 34.2



#35
Dibromofluoromethane
Concen: 50.617 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047972.D
Acq: 02 Oct 2025 16:33

Tgt Ion:113 Resp: 94906
Ion Ratio Lower Upper
113 100
111 101.9 80.9 121.3
192 17.8 14.2 21.4

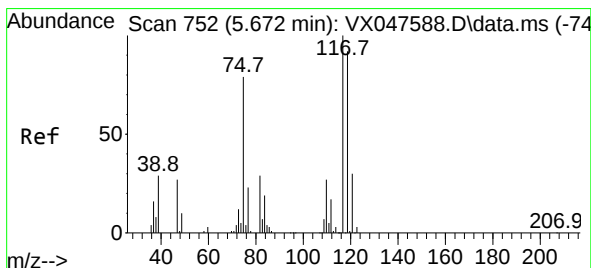
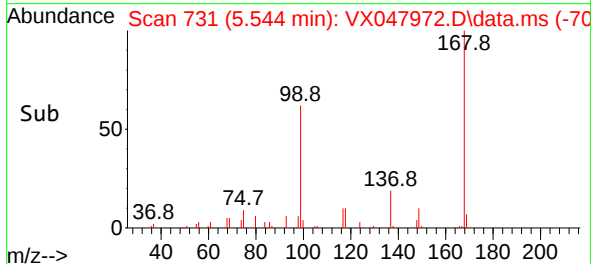
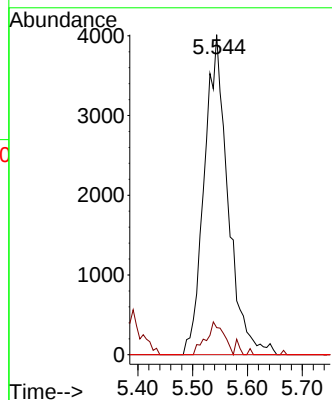
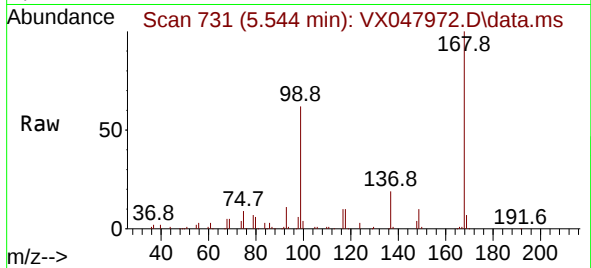




#36
1,1-Dichloropropene
Concen: 4.407 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX047972.D
Acq: 02 Oct 2025 16:33

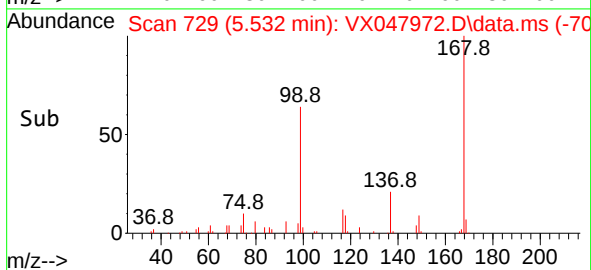
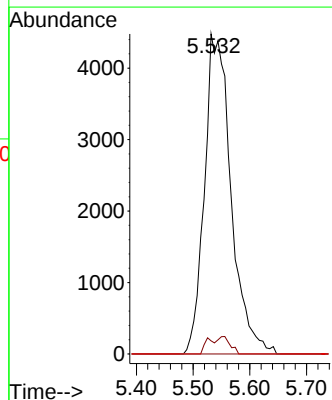
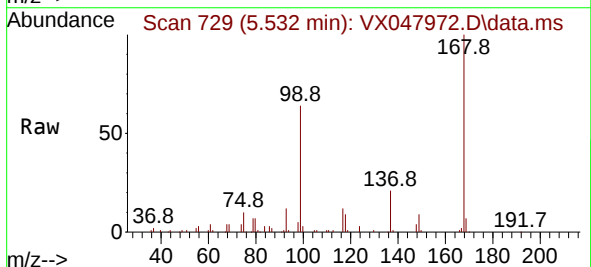
Instrument :
MSVOA_X
ClientSampleId :
RW11-MW011-20250922

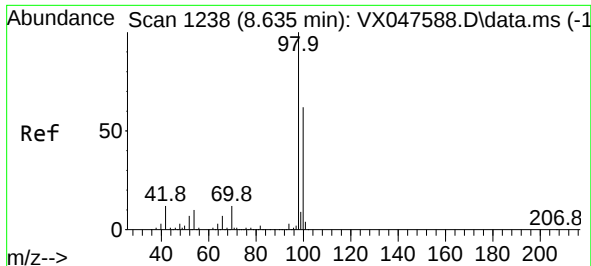
Tgt Ion: 75 Resp: 12073
Ion Ratio Lower Upper
75 100
110 7.6 16.7 50.1#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 4.889 ug/l
RT: 5.532 min Scan# 729
Delta R.T. -0.140 min
Lab File: VX047972.D
Acq: 02 Oct 2025 16:33

Tgt Ion: 117 Resp: 14553
Ion Ratio Lower Upper
117 100
119 4.1 73.4 110.2#
121 0.0 23.8 35.6#

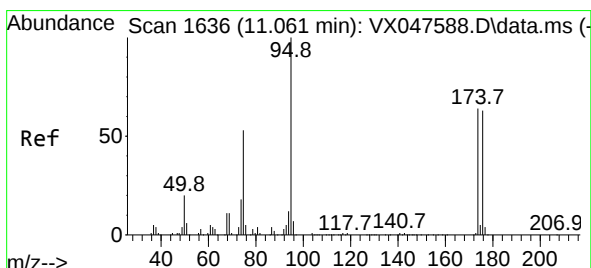
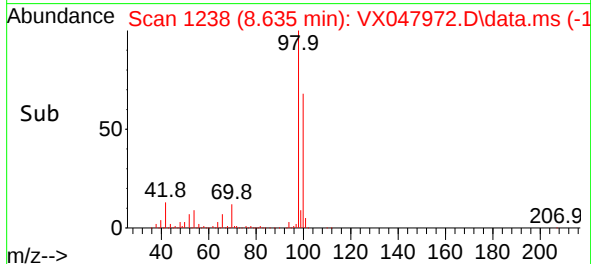
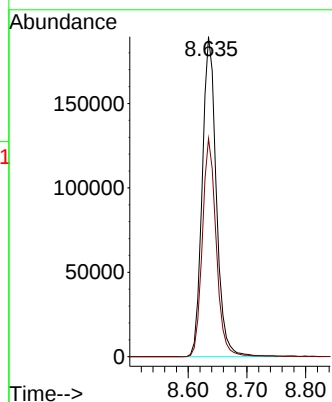
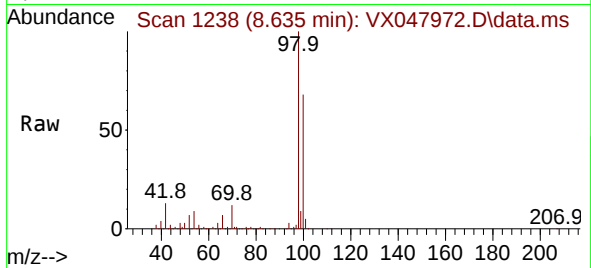




#50
Toluene-d8
Concen: 48.756 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047972.D
Acq: 02 Oct 2025 16:33

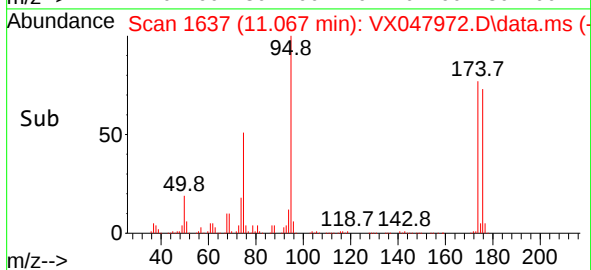
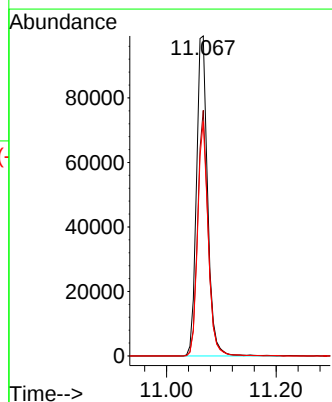
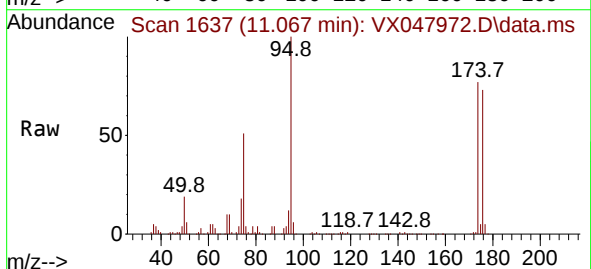
Instrument :
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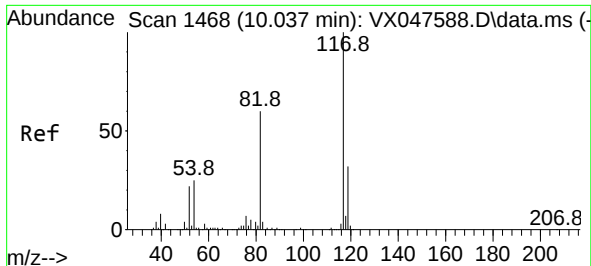
Tgt Ion: 98 Resp: 316318
Ion Ratio Lower Upper
98 100
100 67.2 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 57.061 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX047972.D
Acq: 02 Oct 2025 16:33

Tgt Ion: 95 Resp: 140496
Ion Ratio Lower Upper
95 100
174 72.0 0.0 141.6
176 69.5 0.0 138.4

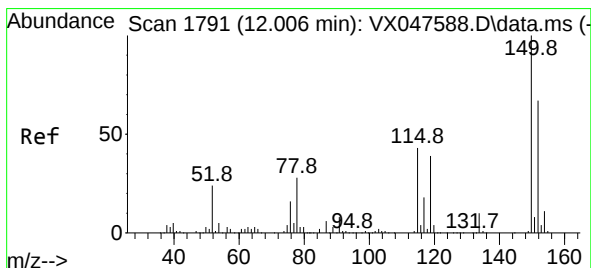
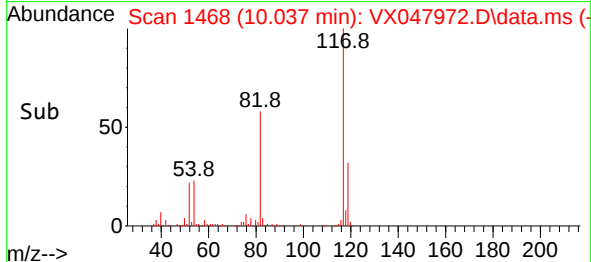
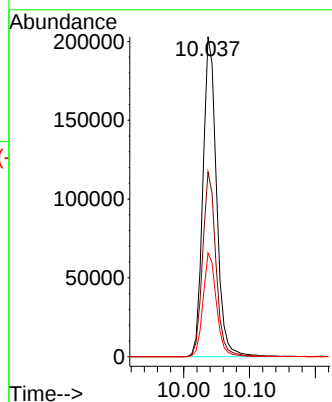
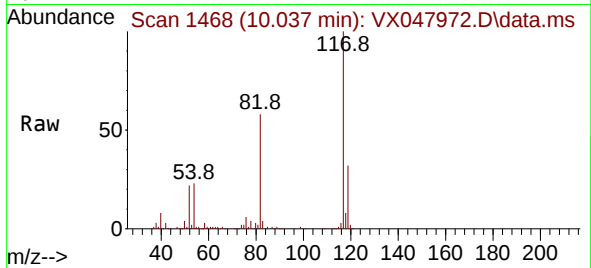




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047972.D
Acq: 02 Oct 2025 16:33

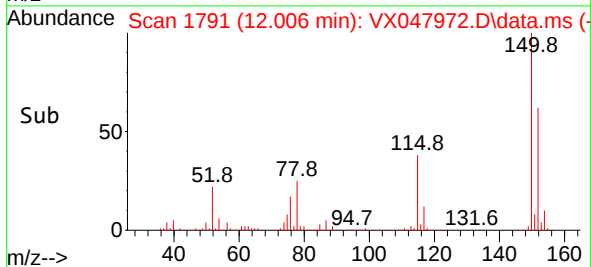
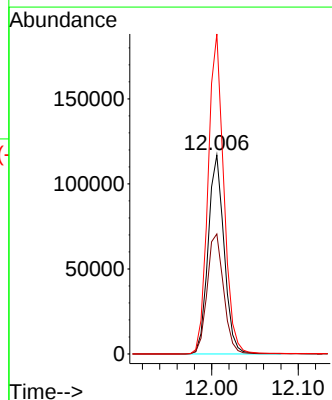
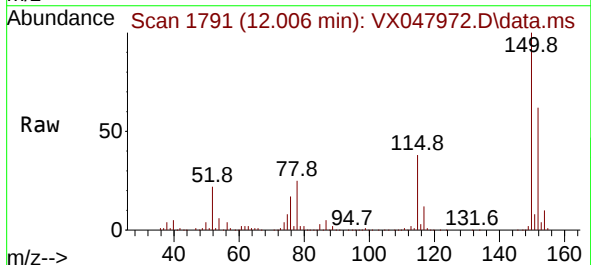
Instrument :
MSVOA_X
ClientSampleId :
RW11-MW01I-20250922

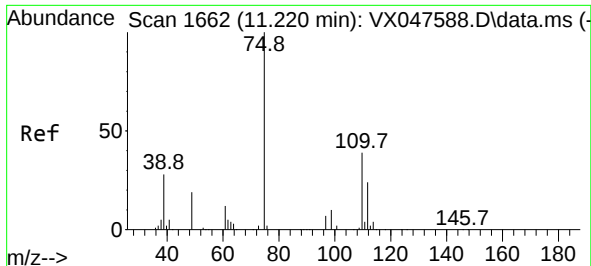
Tgt Ion:117 Resp: 292400
Ion Ratio Lower Upper
117 100
82 57.7 47.8 71.6
119 32.4 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047972.D
Acq: 02 Oct 2025 16:33

Tgt Ion:152 Resp: 149635
Ion Ratio Lower Upper
152 100
115 62.7 44.9 134.5
150 159.4 0.0 352.0

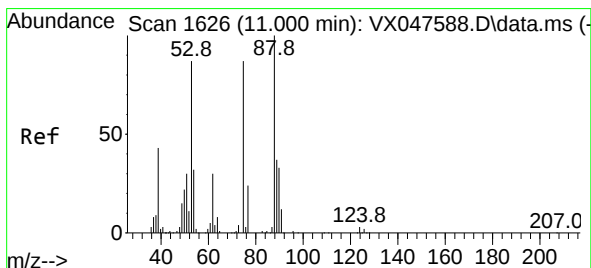
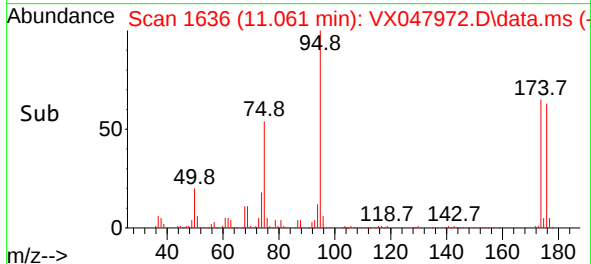
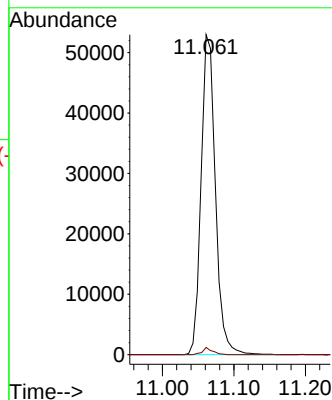
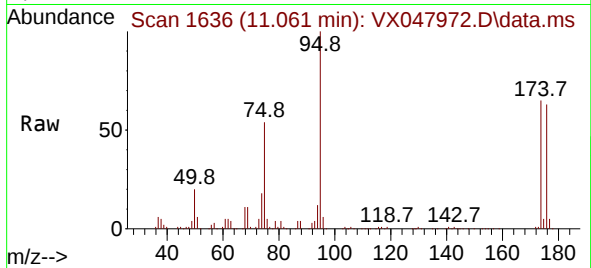




#76
1,2,3-Trichloropropane
Concen: 24.284 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.159 min
Lab File: VX047972.D
Acq: 02 Oct 2025 16:33

Instrument :
MSVOA_X
ClientSampleId :
RW11-MW01I-20250922

Tgt Ion: 75 Resp: 73573
Ion Ratio Lower Upper
75 100
77 1.6 18.8 56.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.929 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.061 min
Lab File: VX047972.D
Acq: 02 Oct 2025 16:33

Tgt Ion: 75 Resp: 73573
Ion Ratio Lower Upper
75 100
53 0.0 83.4 125.2#
89 0.0 36.3 54.5#

