

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100225\
 Data File : VX047971.D
 Acq On : 02 Oct 2025 16:12
 Operator : JC/MD
 Sample : Q3194-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP10-20250922

Quant Time: Oct 03 03:32:59 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)

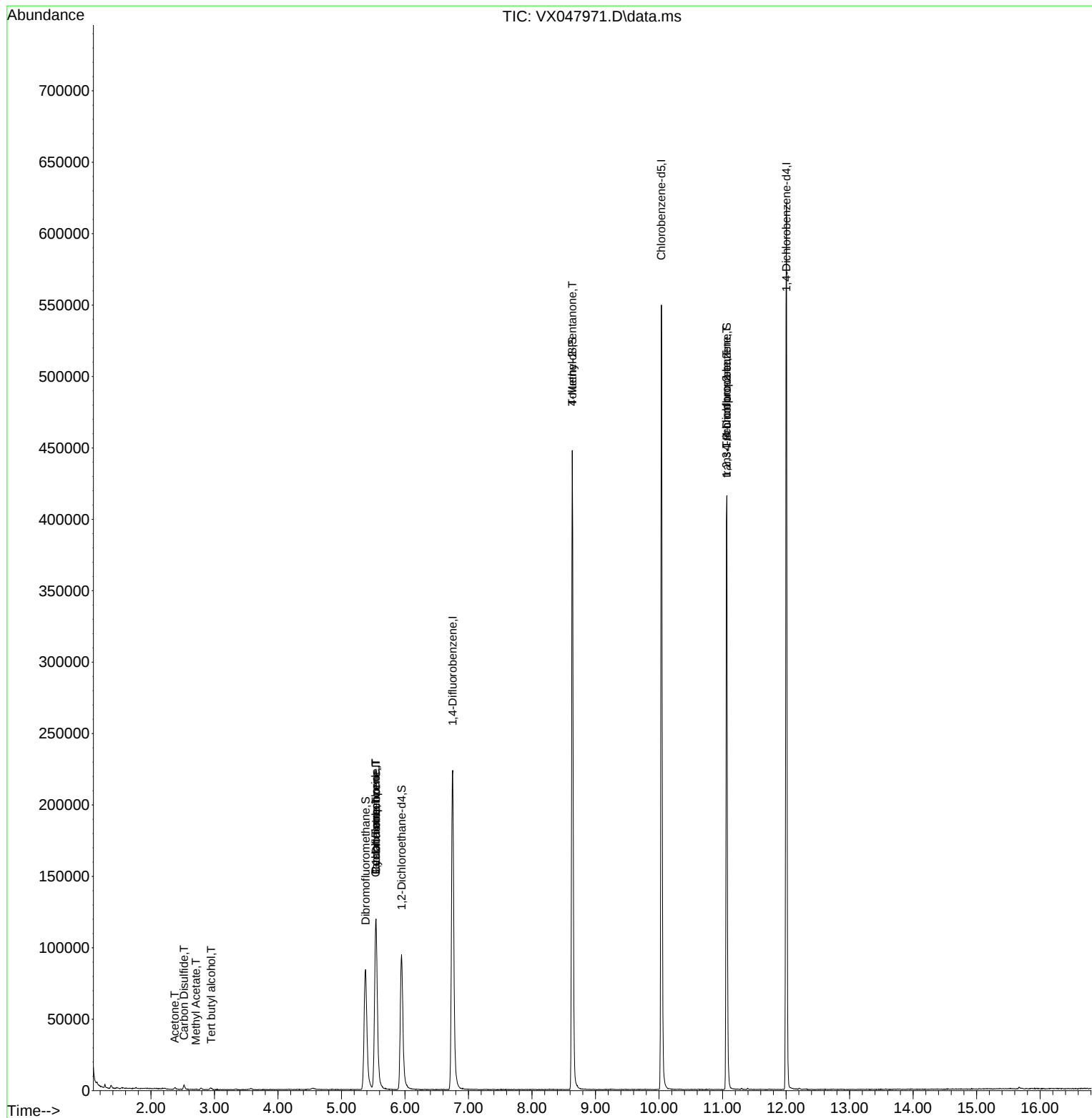
Internal Standards						
1) Pentafluorobenzene	5.544	168	118221	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	245311	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	254640	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	129857	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	103647	55.079	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 110.160%			
35) Dibromofluoromethane	5.379	113	84073	51.102	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.200%			
50) Toluene-d8	8.634	98	276326	48.541	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.080%			
62) 4-Bromofluorobenzene	11.067	95	118887	55.028	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.060%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.946	59	382	1.823	ug/l #	72
16) Acetone	2.373	43	1596	1.951	ug/l #	80
17) Carbon Disulfide	2.520	76	2702	0.703	ug/l	99
18) Methyl Acetate	2.709	43	516	0.283	ug/l #	54
31) Cyclohexane	5.544	56	2850	1.146	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	10394	4.324	ug/l #	51
38) Carbon Tetrachloride	5.537	117	12396	4.746	ug/l #	19
51) 4-Methyl-2-Pentanone	8.634	43	1401	0.599	ug/l #	1
76) 1,2,3-Trichloropropane	11.061	75	62134	23.632	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.061	75	62134	60.266	ug/l #	8

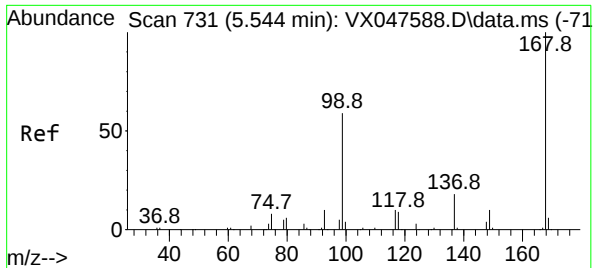
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100225\
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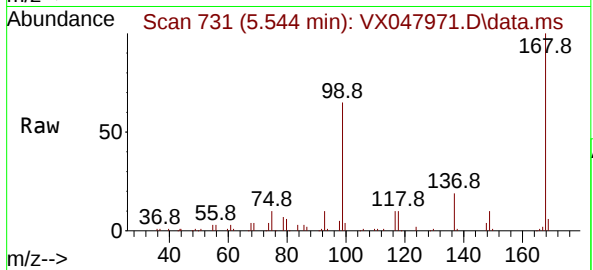
Quant Time: Oct 03 03:32:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
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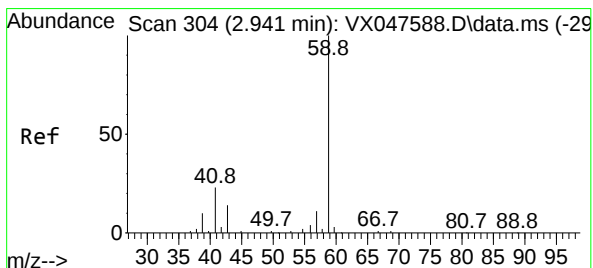
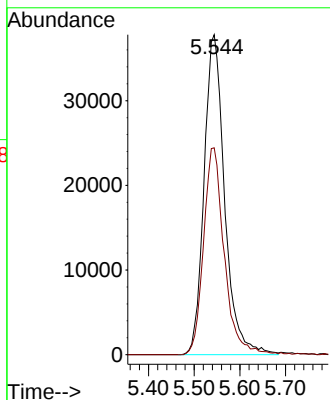
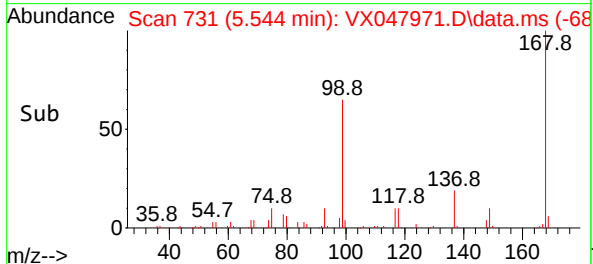


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047971.D
Acq: 02 Oct 2025 16:12

Instrument :
MSVOA_X
ClientSampleId :
DUP10-20250922

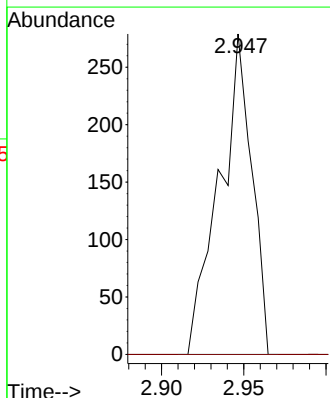
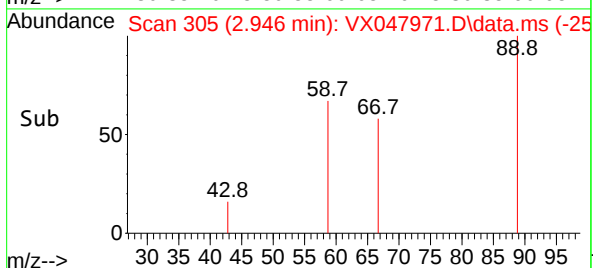
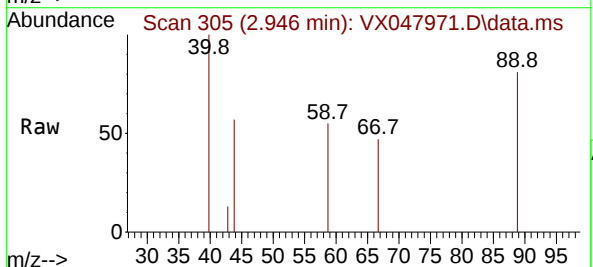


Tgt Ion:168 Resp: 118221
Ion Ratio Lower Upper
168 100
99 64.6 48.8 73.2



#11
Tert butyl alcohol
Concen: 1.823 ug/l
RT: 2.946 min Scan# 305
Delta R.T. 0.006 min
Lab File: VX047971.D
Acq: 02 Oct 2025 16:12

Tgt Ion: 59 Resp: 382
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

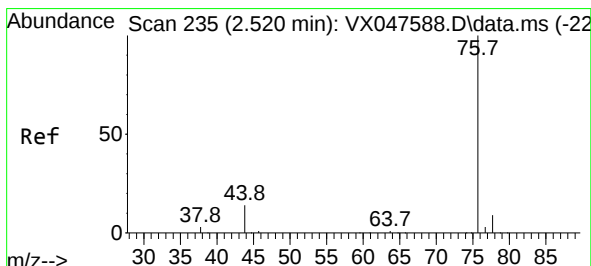
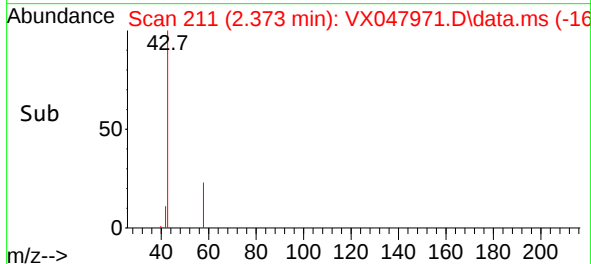
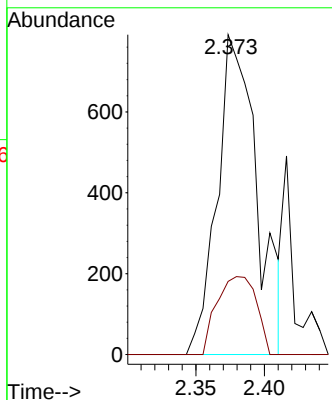
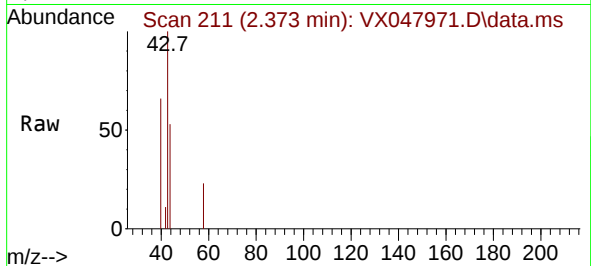




#16
Acetone
Concen: 1.951 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047971.D
Acq: 02 Oct 2025 16:12

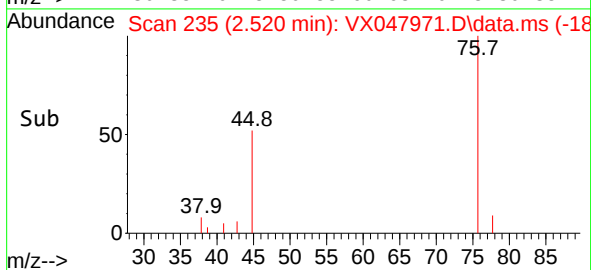
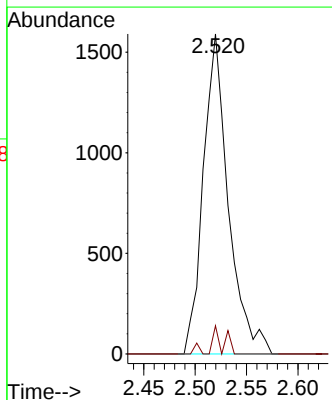
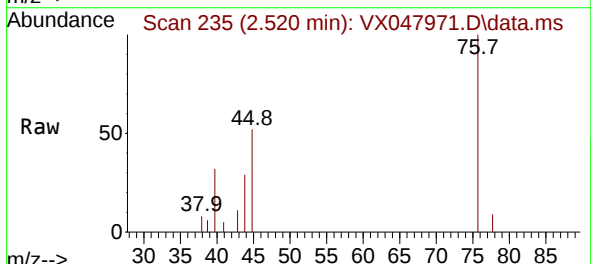
Instrument :
MSVOA_X
ClientSampleId :
DUP10-20250922

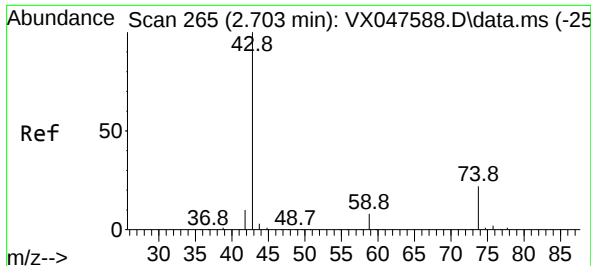
Tgt Ion: 43 Resp: 1596
Ion Ratio Lower Upper
43 100
58 18.6 23.4 35.0#



#17
Carbon Disulfide
Concen: 0.703 ug/l
RT: 2.520 min Scan# 235
Delta R.T. -0.000 min
Lab File: VX047971.D
Acq: 02 Oct 2025 16:12

Tgt Ion: 76 Resp: 2702
Ion Ratio Lower Upper
76 100
78 8.8 6.8 10.2

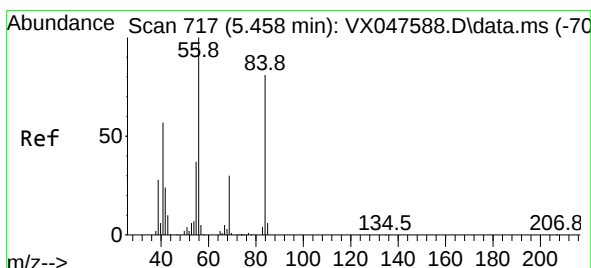
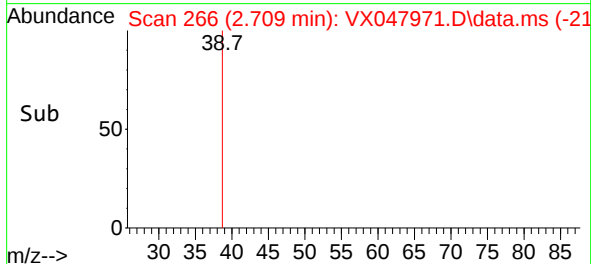
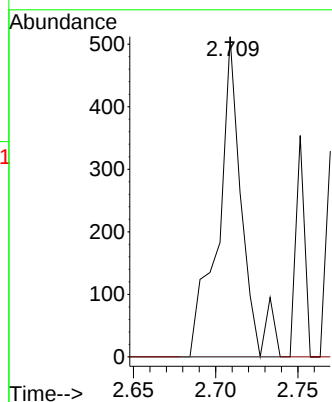
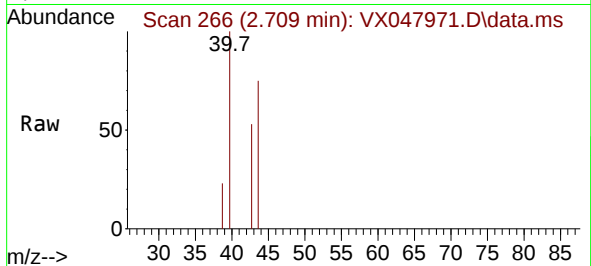




#18
Methyl Acetate
Concen: 0.283 ug/l
RT: 2.709 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX047971.D
Acq: 02 Oct 2025 16:12

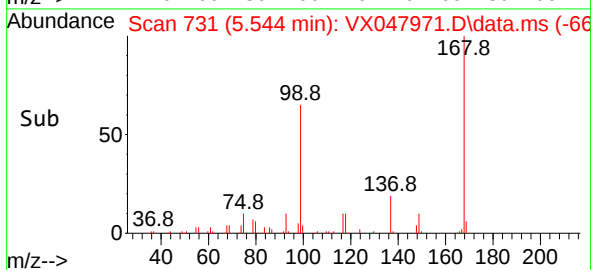
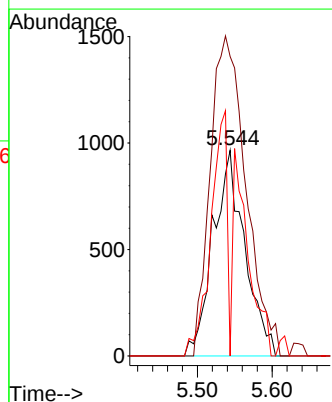
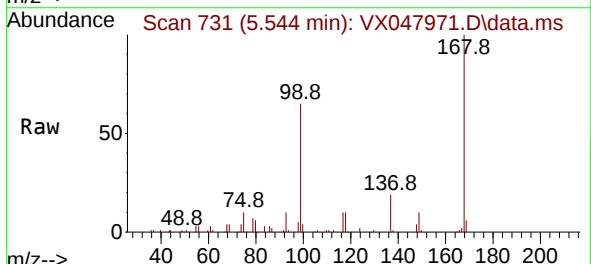
Instrument :
MSVOA_X
ClientSampleId :
DUP10-20250922

Tgt Ion: 43 Resp: 516
Ion Ratio Lower Upper
43 100
74 0.0 17.4 26.2#



#31
Cyclohexane
Concen: 1.146 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.085 min
Lab File: VX047971.D
Acq: 02 Oct 2025 16:12

Tgt Ion: 56 Resp: 2850
Ion Ratio Lower Upper
56 100
69 145.7 23.8 35.8#
84 0.0 64.6 97.0#





#33

1,2-Dichloroethane-d4

Concen: 55.079 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX047971.D

Acq: 02 Oct 2025 16:12

Instrument :

MSVOA_X

ClientSampleId :

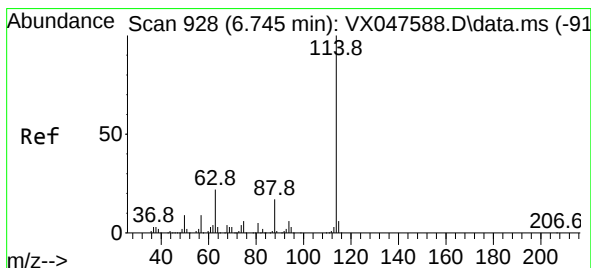
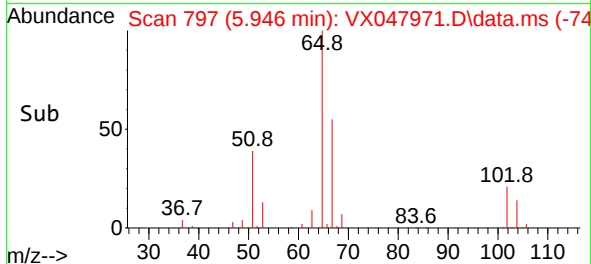
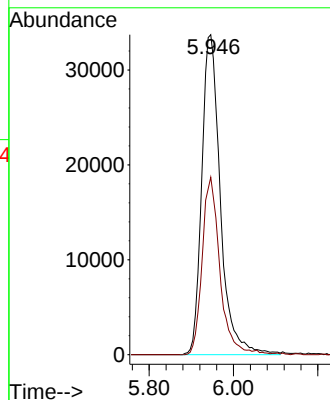
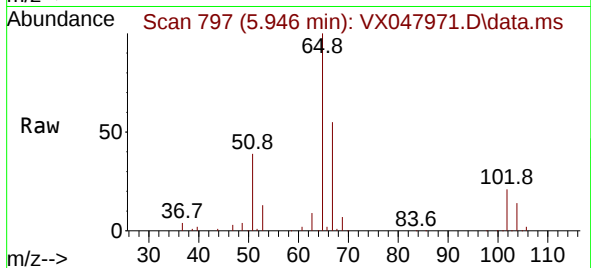
DUP10-20250922

Tgt Ion: 65 Resp: 103647

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: VX047971.D

Acq: 02 Oct 2025 16:12

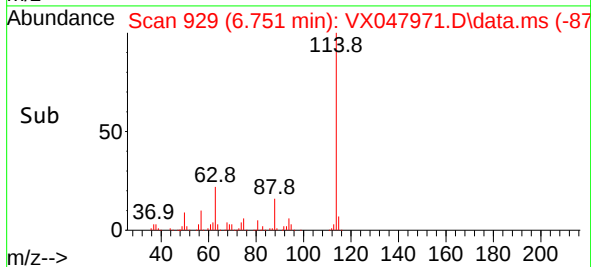
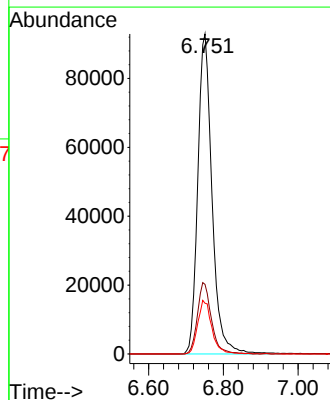
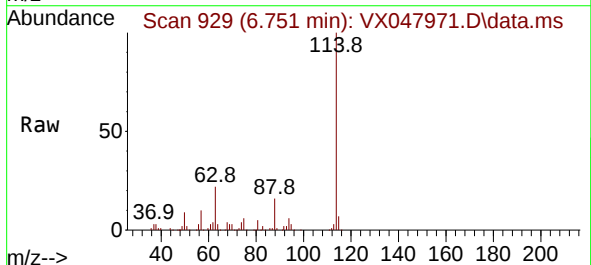
Tgt Ion: 114 Resp: 245311

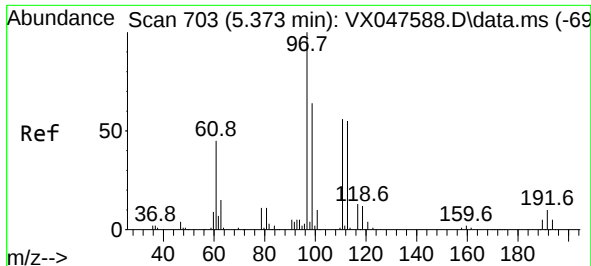
Ion Ratio Lower Upper

114 100

63 21.8 0.0 44.0

88 15.8 0.0 34.2

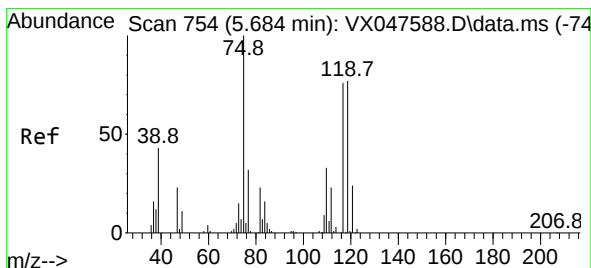
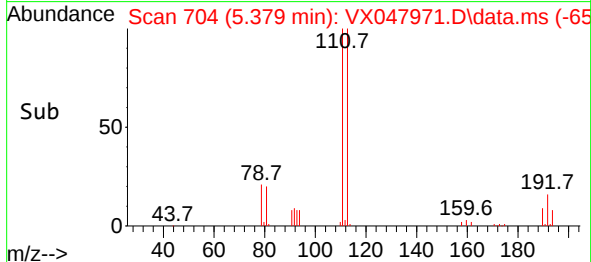
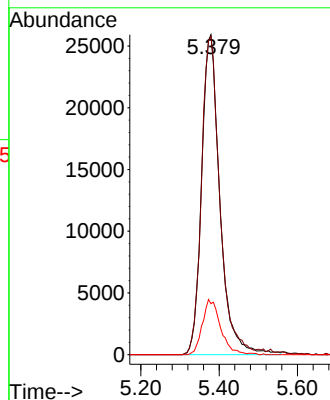
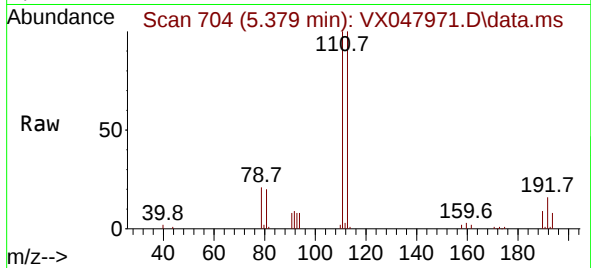




#35
Dibromofluoromethane
Concen: 51.102 ug/l
RT: 5.379 min Scan# 703
Delta R.T. 0.006 min
Lab File: VX047971.D
Acq: 02 Oct 2025 16:12

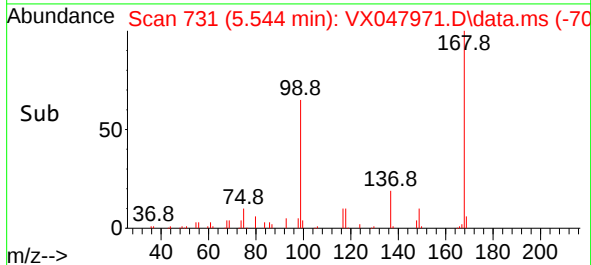
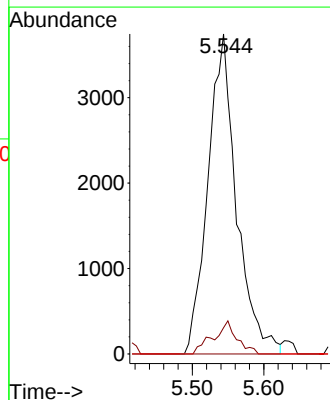
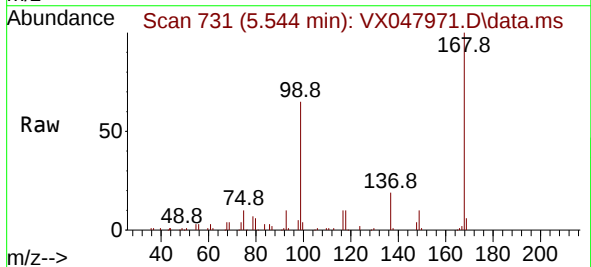
Instrument :
MSVOA_X
ClientSampleId :
DUP10-20250922

Tgt Ion:113 Resp: 84073
Ion Ratio Lower Upper
113 100
111 99.3 80.9 121.3
192 17.1 14.2 21.4



#36
1,1-Dichloropropene
Concen: 4.324 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.140 min
Lab File: VX047971.D
Acq: 02 Oct 2025 16:12

Tgt Ion: 75 Resp: 10394
Ion Ratio Lower Upper
75 100
110 8.5 16.7 50.1#
77 0.0 24.3 36.5#

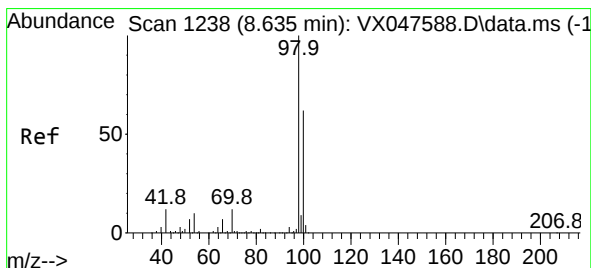
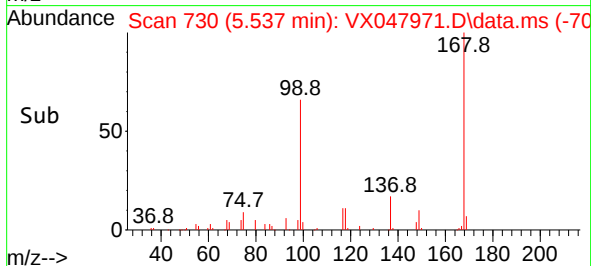
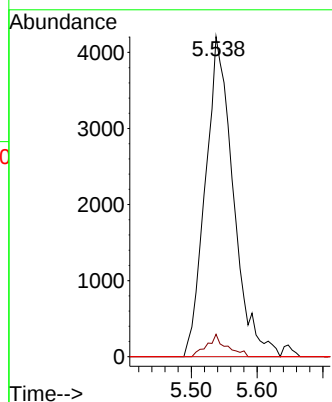
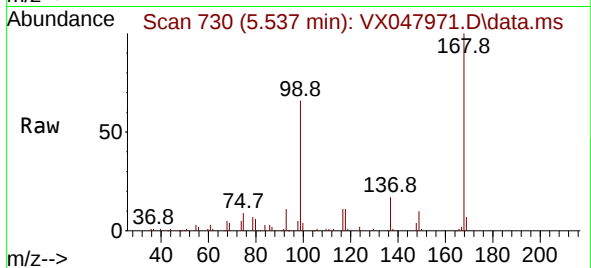




#38
Carbon Tetrachloride
Concen: 4.746 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX047971.D
Acq: 02 Oct 2025 16:12

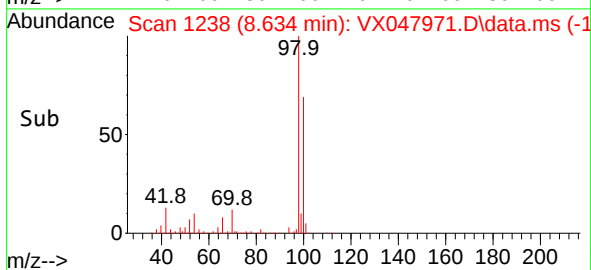
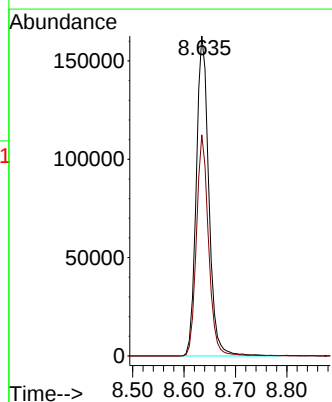
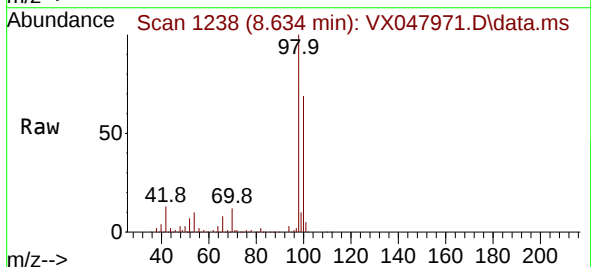
Instrument :
MSVOA_X
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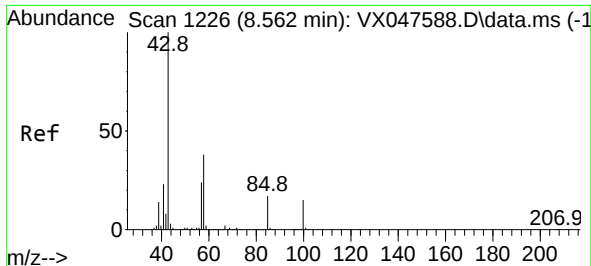
Tgt Ion:117 Resp: 12396
Ion Ratio Lower Upper
117 100
119 7.0 73.4 110.2#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 48.541 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047971.D
Acq: 02 Oct 2025 16:12

Tgt Ion: 98 Resp: 276326
Ion Ratio Lower Upper
98 100
100 66.8 53.0 79.4

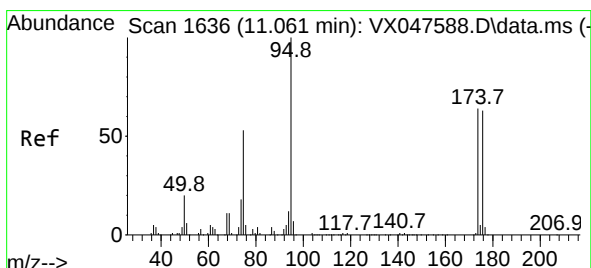
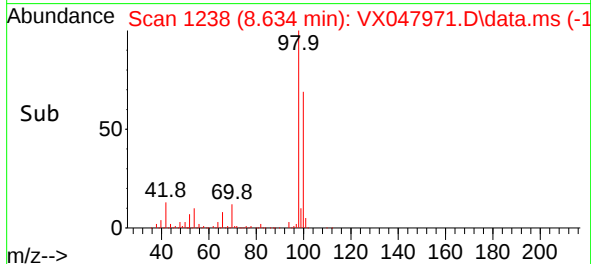
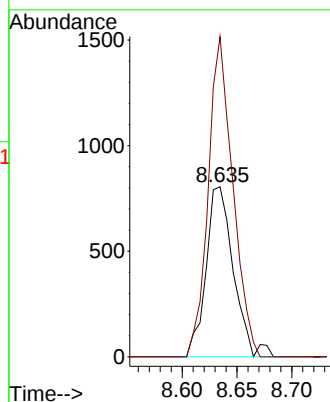
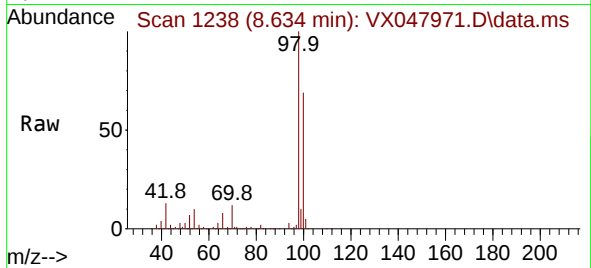




#51
4-Methyl-2-Pentanone
Concen: 0.599 ug/l
RT: 8.634 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX047971.D
Acq: 02 Oct 2025 16:12

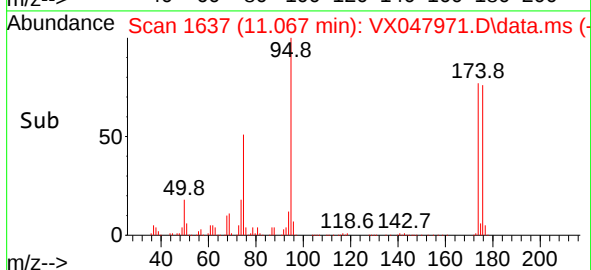
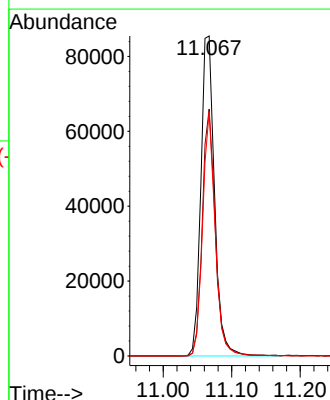
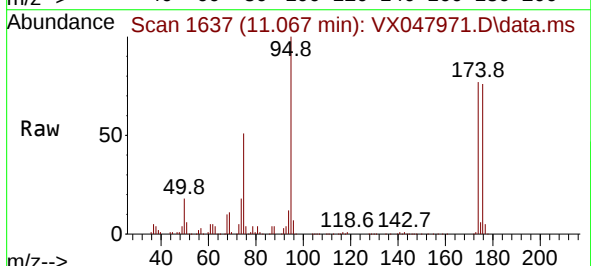
Instrument :
MSVOA_X
ClientSampleId :
DUP10-20250922

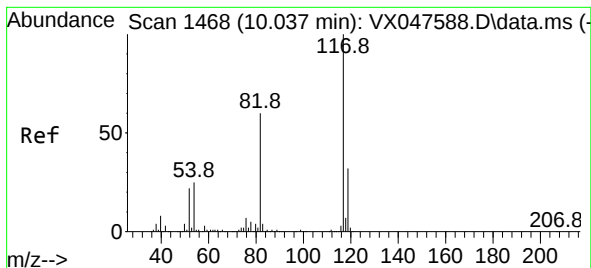
Tgt Ion: 43 Resp: 1401
Ion Ratio Lower Upper
43 100
58 169.0 30.3 45.5#



#62
4-Bromofluorobenzene
Concen: 55.028 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX047971.D
Acq: 02 Oct 2025 16:12

Tgt Ion: 95 Resp: 118887
Ion Ratio Lower Upper
95 100
174 73.3 0.0 141.6
176 70.1 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: VX047971.D

Acq: 02 Oct 2025 16:12

Instrument :

MSVOA_X

ClientSampleId :

DUP10-20250922

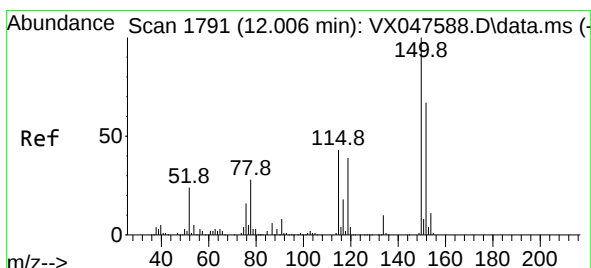
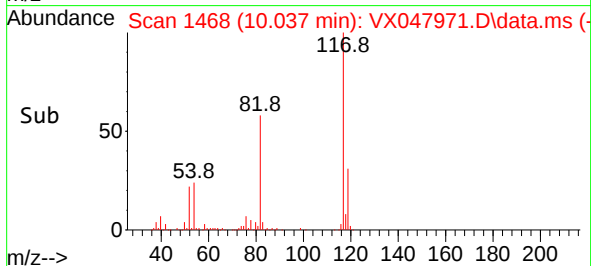
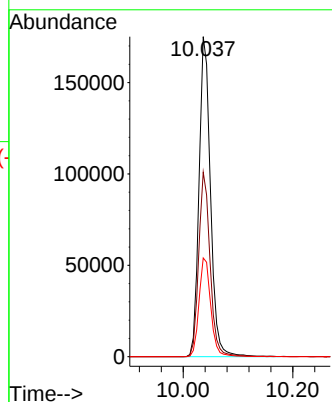
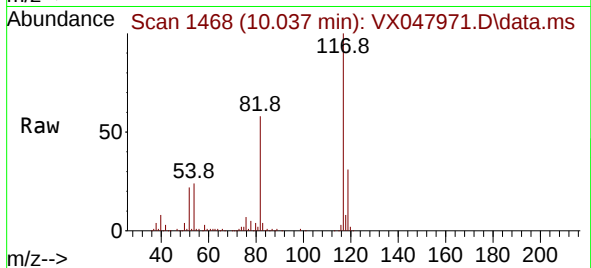
Tgt Ion:117 Resp: 254640

Ion Ratio Lower Upper

117 100

82 57.7 47.8 71.6

119 30.8 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: VX047971.D

Acq: 02 Oct 2025 16:12

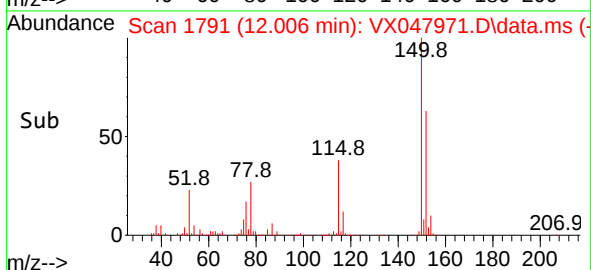
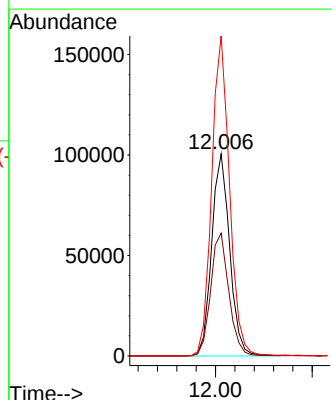
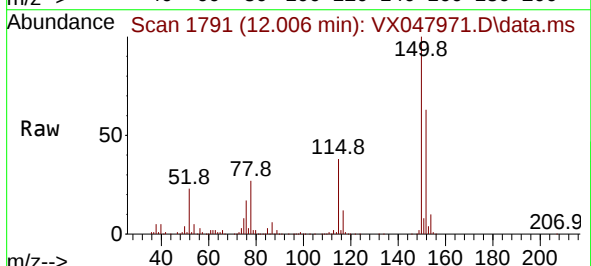
Tgt Ion:152 Resp: 129857

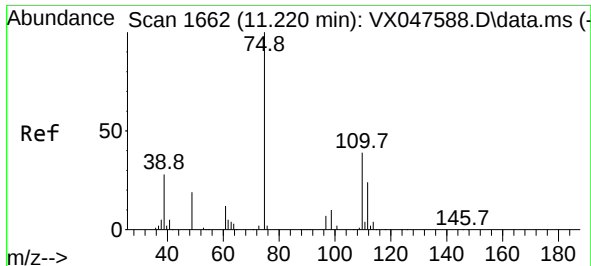
Ion Ratio Lower Upper

152 100

115 61.6 44.9 134.5

150 157.3 0.0 352.0

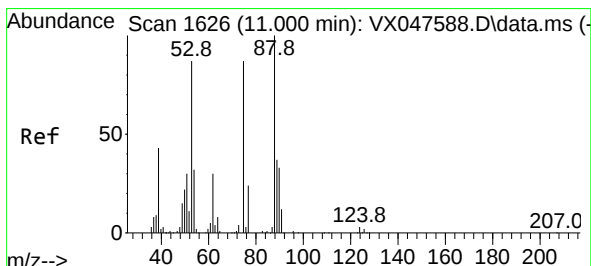
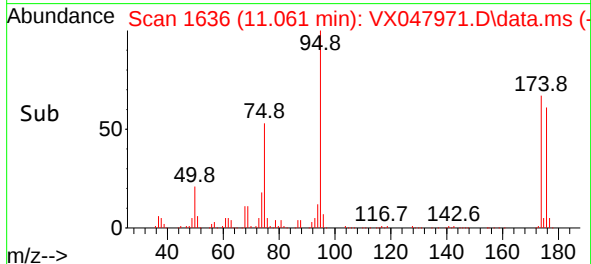
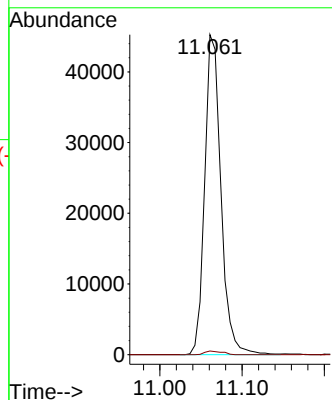
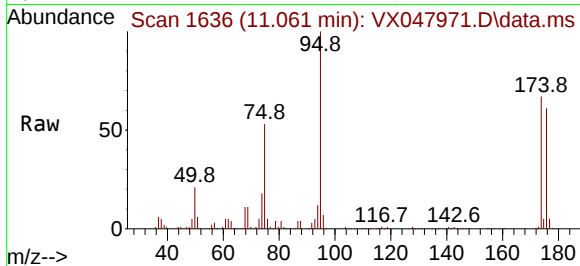




#76
1,2,3-Trichloropropane
Concen: 23.632 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.159 min
Lab File: VX047971.D
Acq: 02 Oct 2025 16:12

Instrument :
MSVOA_X
ClientSampleId :
DUP10-20250922

Tgt Ion: 75 Resp: 62134
Ion Ratio Lower Upper
75 100
77 1.2 18.8 56.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 60.266 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.061 min
Lab File: VX047971.D
Acq: 02 Oct 2025 16:12

Tgt Ion: 75 Resp: 62134
Ion Ratio Lower Upper
75 100
53 0.1 83.4 125.2#
89 0.0 36.3 54.5#

