

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100225\
 Data File : VX047973.D
 Acq On : 02 Oct 2025 16:54
 Operator : JC/MD
 Sample : Q3194-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT163S1-20250924

Quant Time: Oct 03 03:33:44 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)

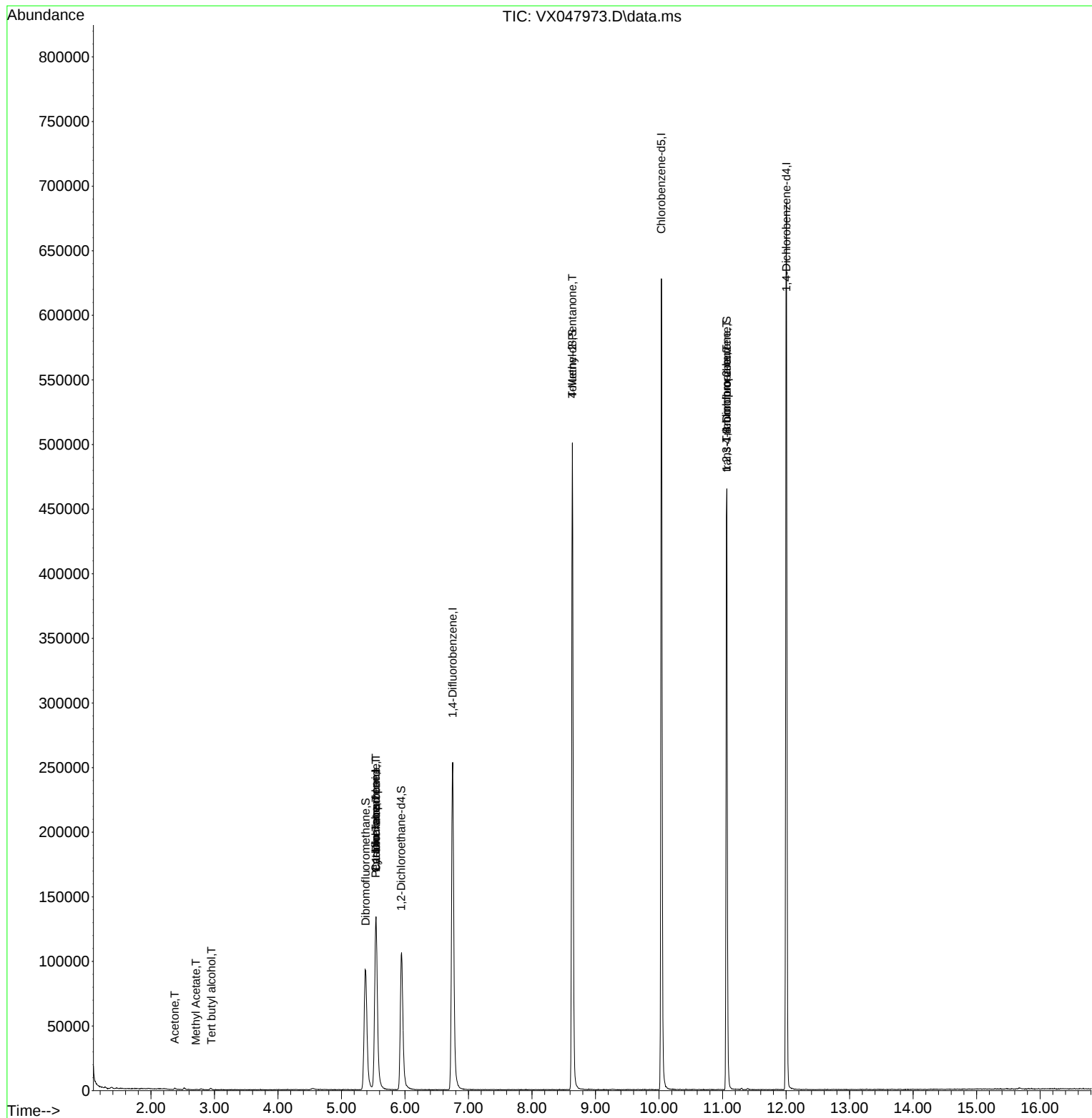
Internal Standards						
1) Pentafluorobenzene	5.538	168	132179	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	271295	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	284714	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	147498	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	117448	55.822	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 111.640%		
35) Dibromofluoromethane	5.379	113	92844	51.029	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 102.060%		
50) Toluene-d8	8.635	98	306642	48.707	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 97.420%		
62) 4-Bromofluorobenzene	11.067	95	133867	56.027	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 112.060%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	391	1.669	ug/l #	72
16) Acetone	2.373	43	1414	1.546	ug/l #	63
18) Methyl Acetate	2.709	43	424	0.208	ug/l #	54
31) Cyclohexane	5.544	56	3150	1.133	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	11610	4.367	ug/l #	53
38) Carbon Tetrachloride	5.544	117	14522	5.027	ug/l #	18
51) 4-Methyl-2-Pentanone	8.635	43	1495	0.578	ug/l #	1
76) 1,2,3-Trichloropropane	11.061	75	71392	23.906	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.061	75	71392	60.963	ug/l #	8

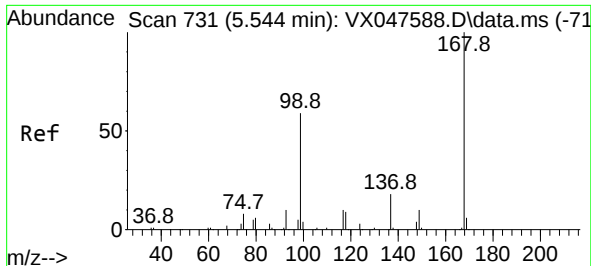
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100225\
Data File : VX047973.D
Acq On : 02 Oct 2025 16:54
Operator : JC/MD
Sample : Q3194-13
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TT163S1-20250924

Quant Time: Oct 03 03:33:44 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

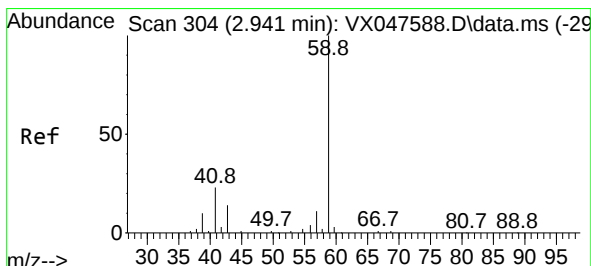
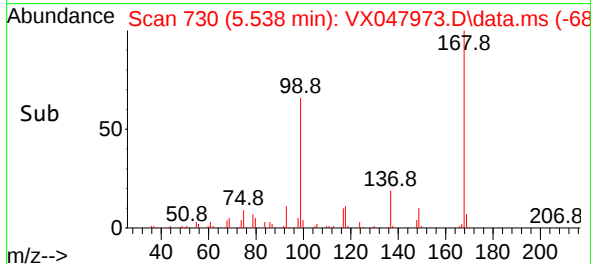
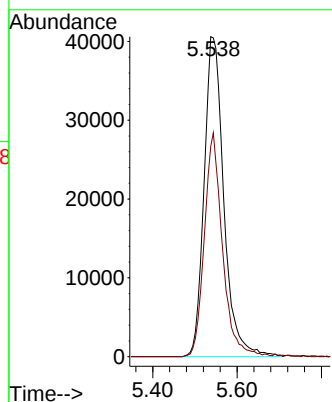
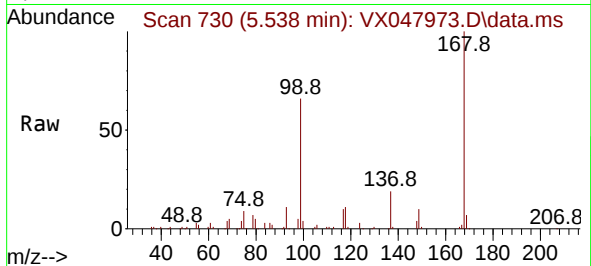




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047973.D
Acq: 02 Oct 2025 16:54

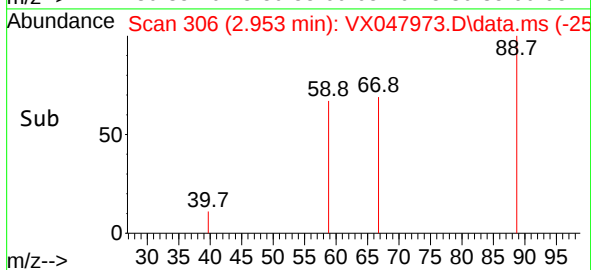
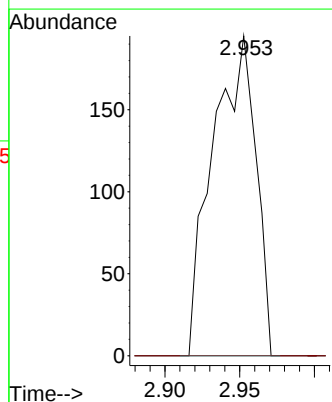
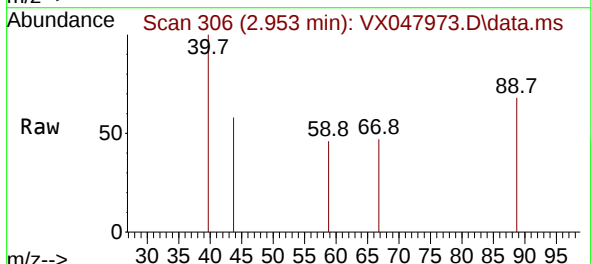
Instrument :
MSVOA_X
ClientSampleId :
TT163S1-20250924

Tgt Ion:168 Resp: 132179
Ion Ratio Lower Upper
168 100
99 65.8 48.8 73.2



#11
Tert butyl alcohol
Concen: 1.669 ug/l
RT: 2.953 min Scan# 306
Delta R.T. 0.012 min
Lab File: VX047973.D
Acq: 02 Oct 2025 16:54

Tgt Ion: 59 Resp: 391
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

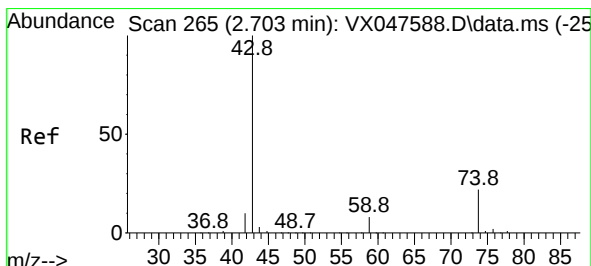
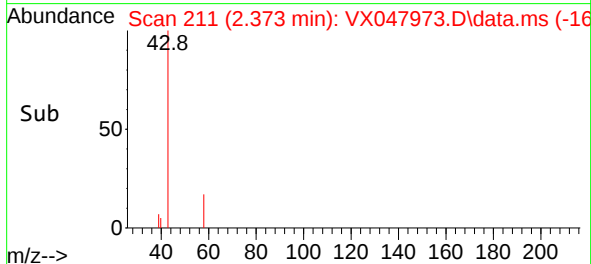
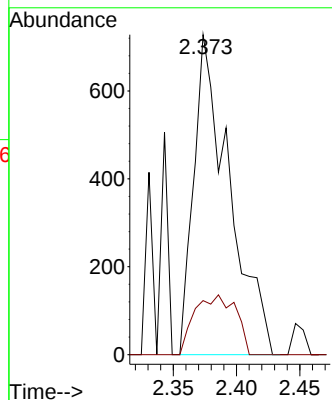
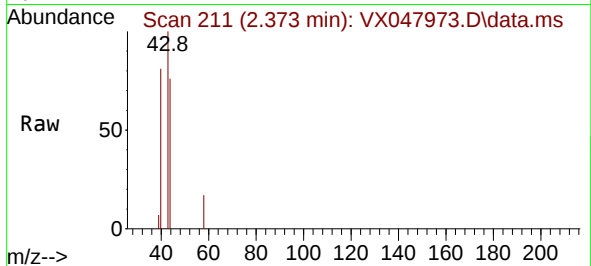




#16
Acetone
Concen: 1.546 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047973.D
Acq: 02 Oct 2025 16:54

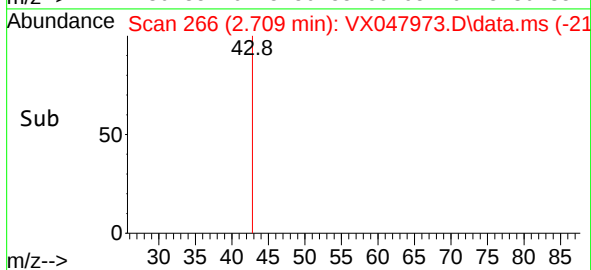
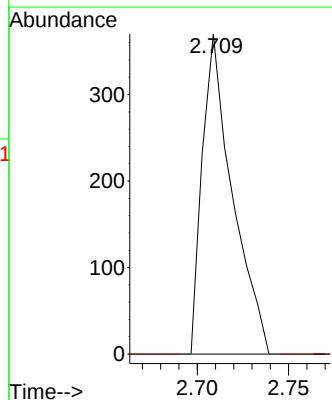
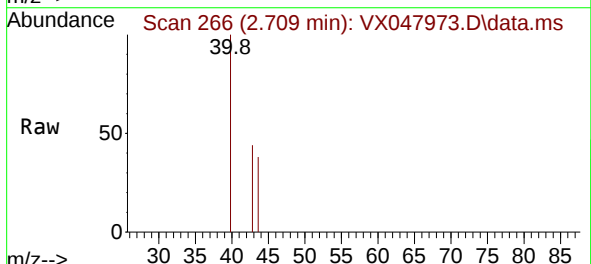
Instrument :
MSVOA_X
ClientSampleId :
TT163S1-20250924

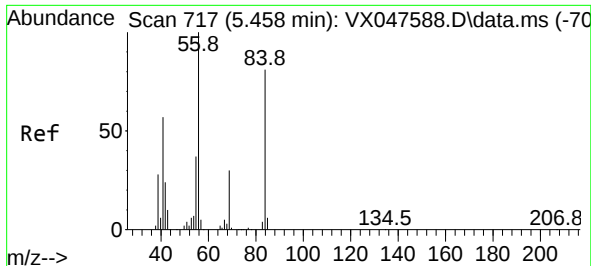
Tgt Ion: 43 Resp: 1414
Ion Ratio Lower Upper
43 100
58 9.6 23.4 35.0#



#18
Methyl Acetate
Concen: 0.208 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX047973.D
Acq: 02 Oct 2025 16:54

Tgt Ion: 43 Resp: 424
Ion Ratio Lower Upper
43 100
74 0.0 17.4 26.2#

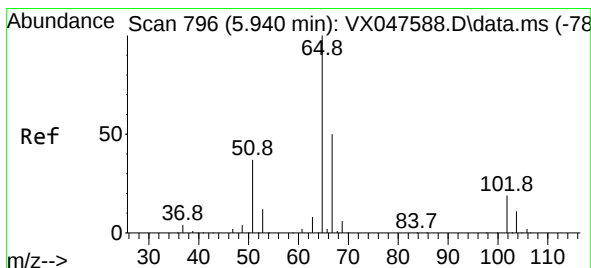
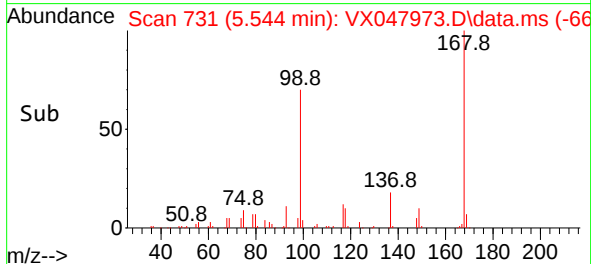
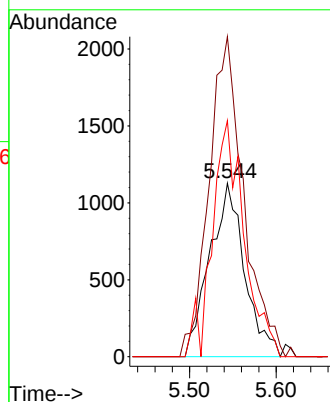
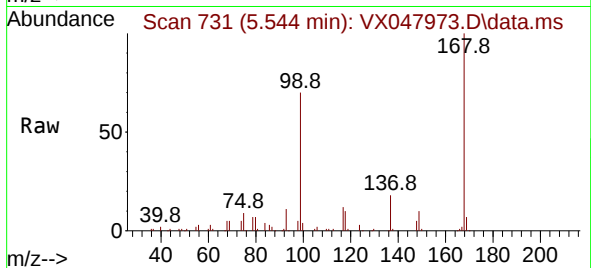




#31
Cyclohexane
Concen: 1.133 ug/l
RT: 5.544 min Scan# 717
Delta R.T. 0.085 min
Lab File: VX047973.D
Acq: 02 Oct 2025 16:54

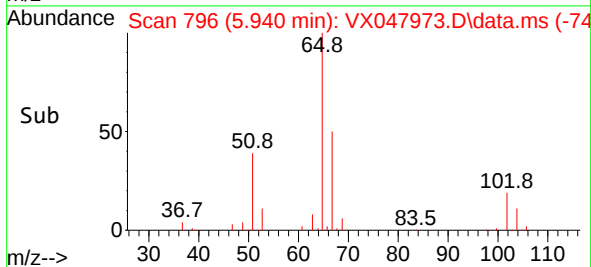
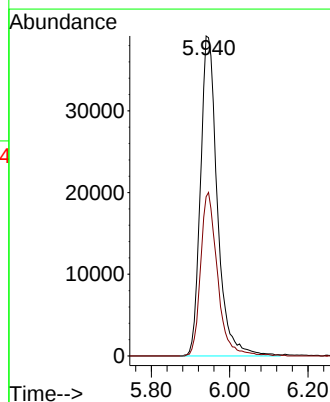
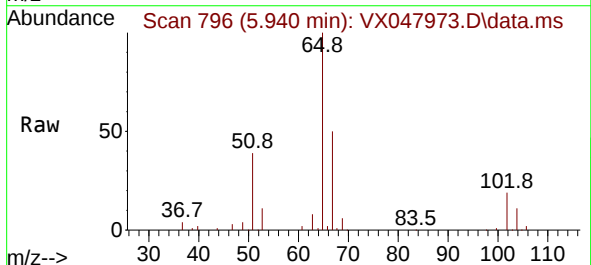
Instrument :
MSVOA_X
ClientSampleId :
TT163S1-20250924

Tgt Ion: 56 Resp: 3150
Ion Ratio Lower Upper
56 100
69 184.4 23.8 35.8#
84 136.0 64.6 97.0#



#33
1,2-Dichloroethane-d4
Concen: 55.822 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX047973.D
Acq: 02 Oct 2025 16:54

Tgt Ion: 65 Resp: 117448
Ion Ratio Lower Upper
65 100
67 51.1 0.0 103.0

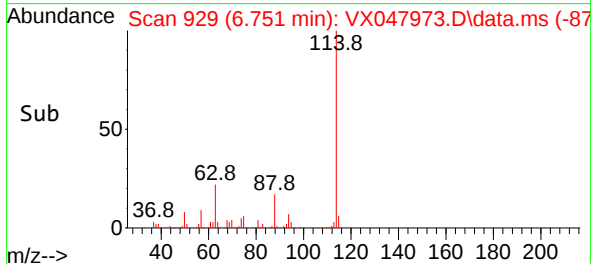
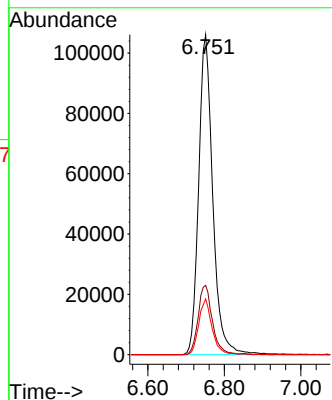
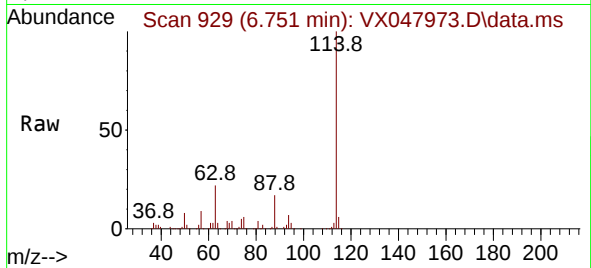




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX047973.D
Acq: 02 Oct 2025 16:54

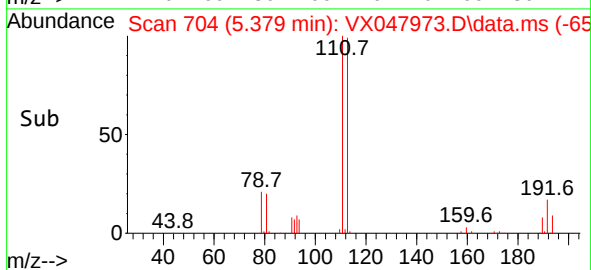
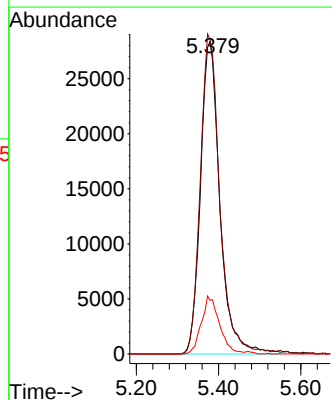
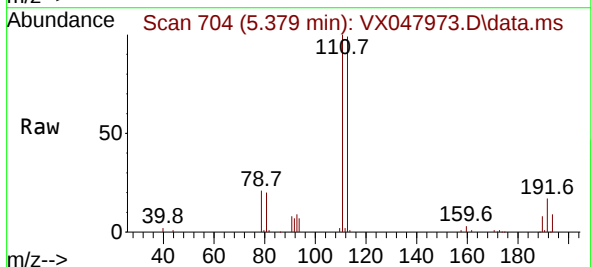
Instrument :
MSVOA_X
ClientSampleId :
TT163S1-20250924

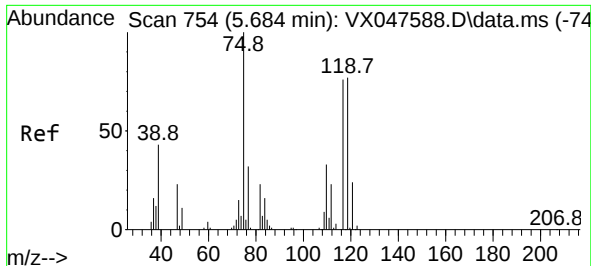
Tgt Ion:114 Resp: 271295
Ion Ratio Lower Upper
114 100
63 21.7 0.0 44.0
88 17.4 0.0 34.2



#35
Dibromofluoromethane
Concen: 51.029 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX047973.D
Acq: 02 Oct 2025 16:54

Tgt Ion:113 Resp: 92844
Ion Ratio Lower Upper
113 100
111 102.8 80.9 121.3
192 17.3 14.2 21.4

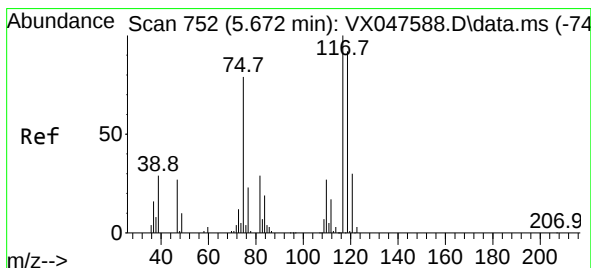
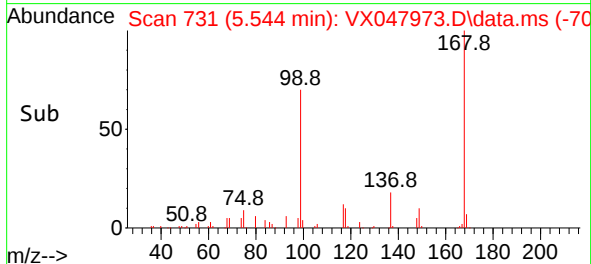
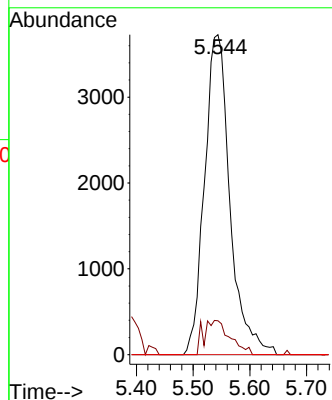
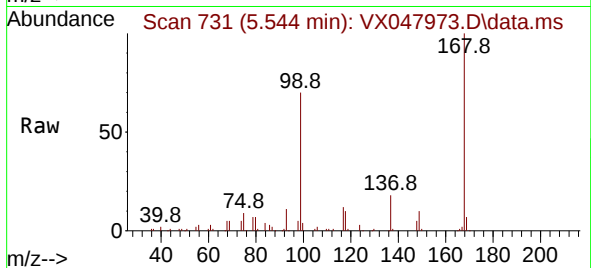




#36
1,1-Dichloropropene
Concen: 4.367 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX047973.D
Acq: 02 Oct 2025 16:54

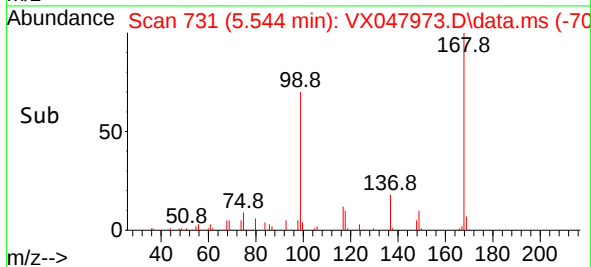
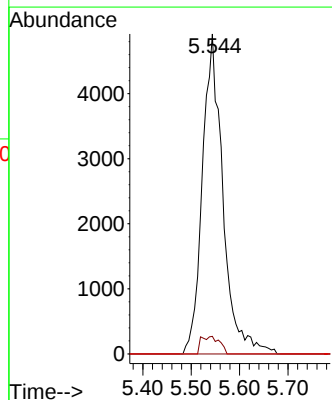
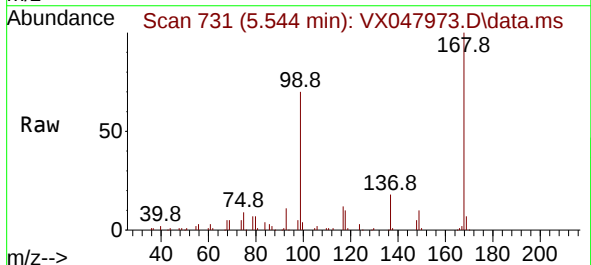
Instrument :
MSVOA_X
ClientSampleId :
TT163S1-20250924

Tgt Ion: 75 Resp: 11610
Ion Ratio Lower Upper
75 100
110 11.0 16.7 50.1#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 5.027 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX047973.D
Acq: 02 Oct 2025 16:54

Tgt Ion: 117 Resp: 14522
Ion Ratio Lower Upper
117 100
119 5.5 73.4 110.2#
121 0.0 23.8 35.6#

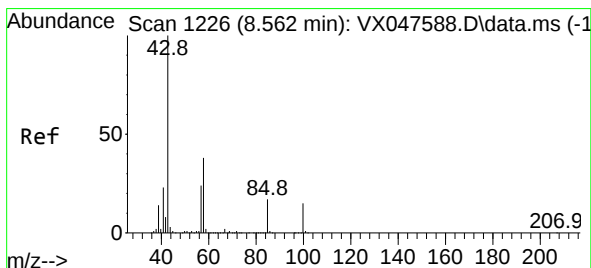
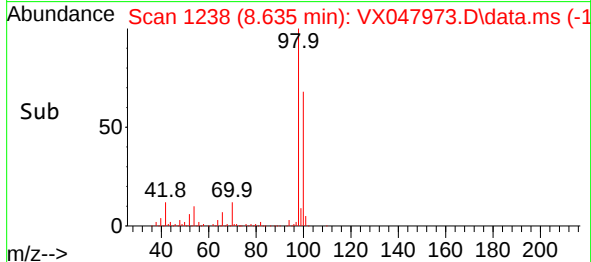
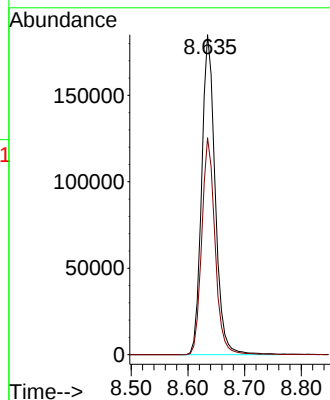
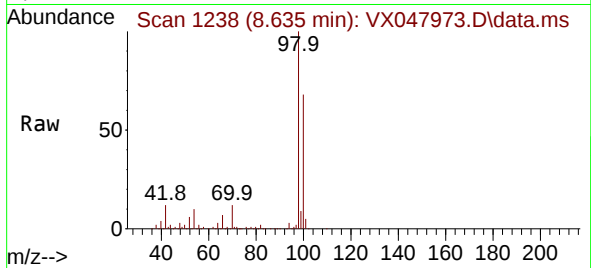




#50
Toluene-d8
Concen: 48.707 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047973.D
Acq: 02 Oct 2025 16:54

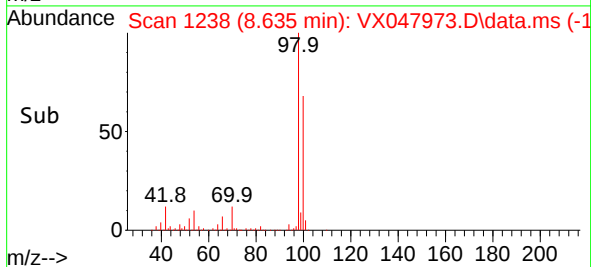
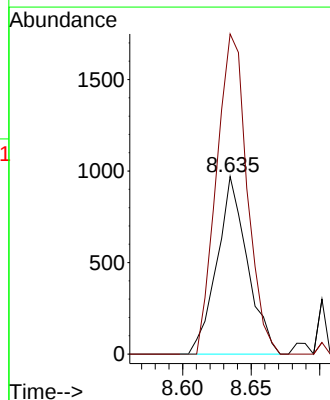
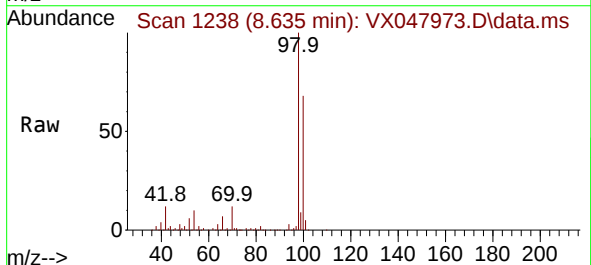
Instrument :
MSVOA_X
ClientSampleId :
TT163S1-20250924

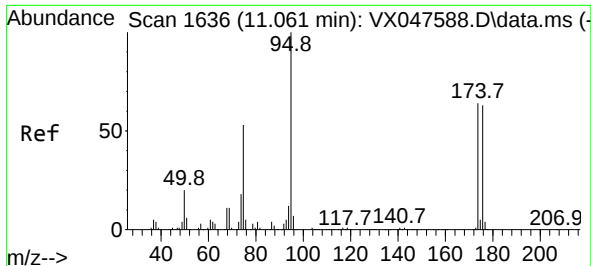
Tgt Ion: 98 Resp: 306642
Ion Ratio Lower Upper
98 100
100 66.7 53.0 79.4



#51
4-Methyl-2-Pentanone
Concen: 0.578 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. 0.073 min
Lab File: VX047973.D
Acq: 02 Oct 2025 16:54

Tgt Ion: 43 Resp: 1495
Ion Ratio Lower Upper
43 100
58 182.0 30.3 45.5#

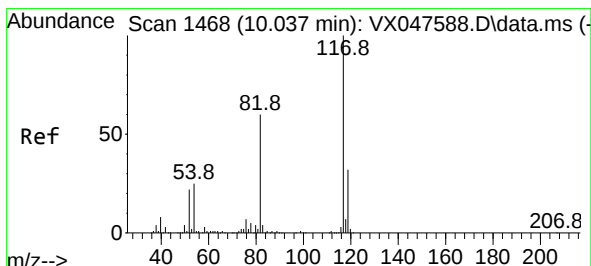
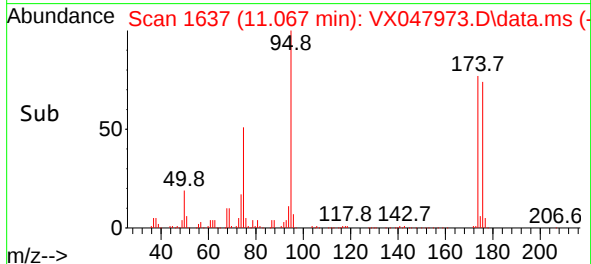
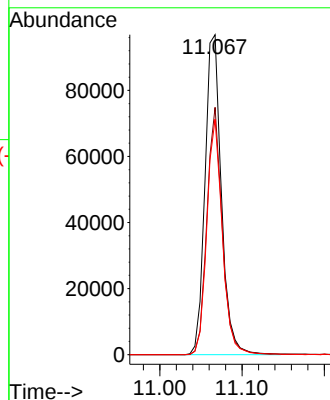
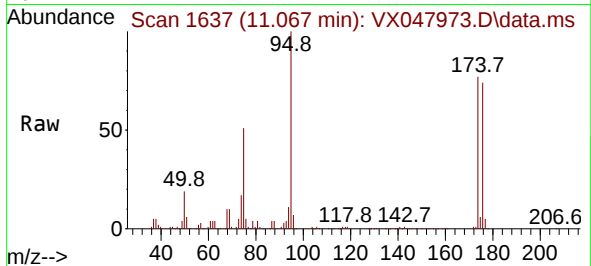




#62
4-Bromofluorobenzene
Concen: 56.027 ug/l
RT: 11.067 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047973.D
Acq: 02 Oct 2025 16:54

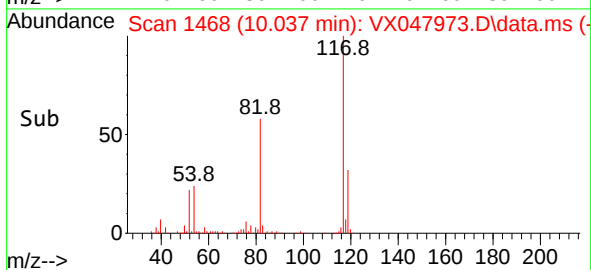
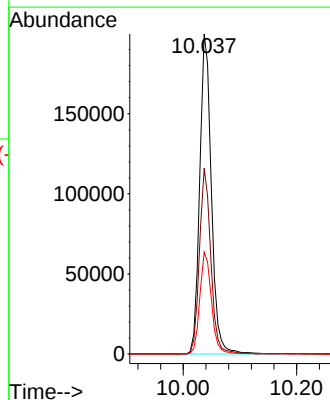
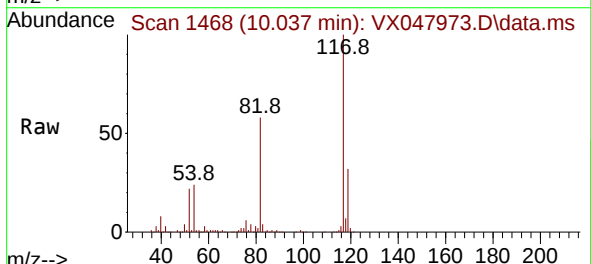
Instrument :
MSVOA_X
ClientSampleId :
TT163S1-20250924

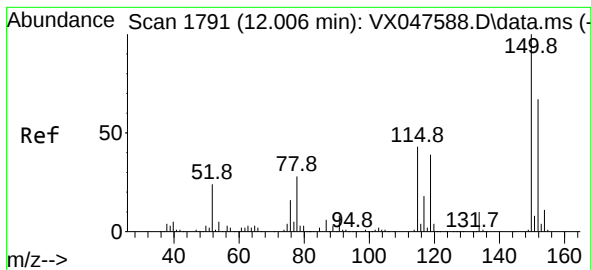
Tgt Ion: 95 Resp: 133867
Ion Ratio Lower Upper
95 100
174 72.9 0.0 141.6
176 69.8 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047973.D
Acq: 02 Oct 2025 16:54

Tgt Ion: 117 Resp: 284714
Ion Ratio Lower Upper
117 100
82 58.0 47.8 71.6
119 31.8 25.2 37.8

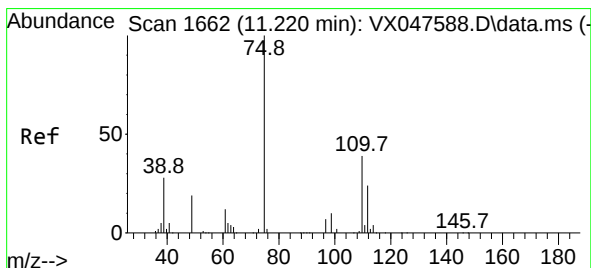
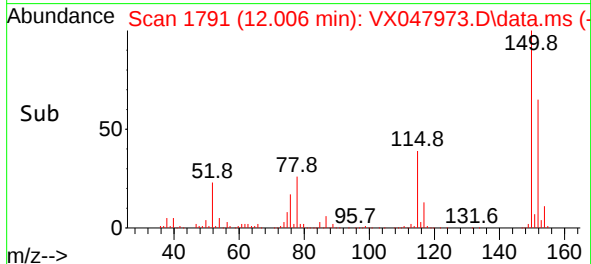
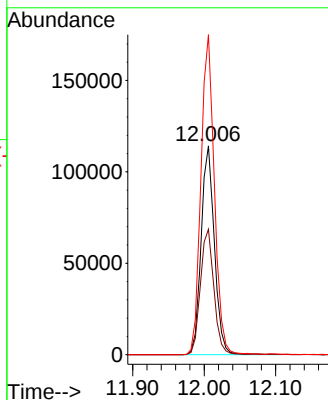
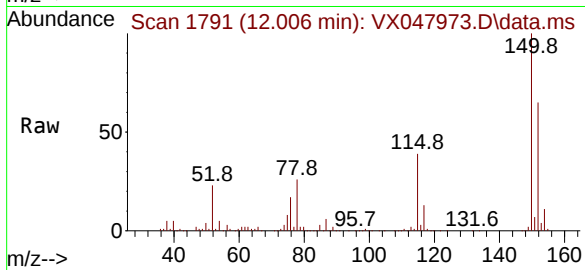




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047973.D
Acq: 02 Oct 2025 16:54

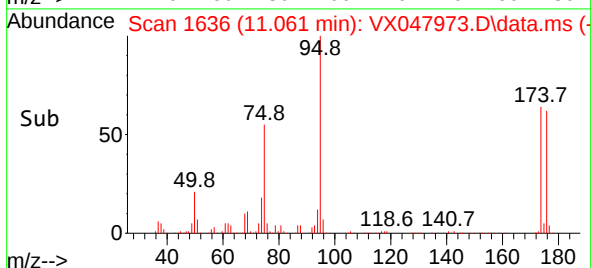
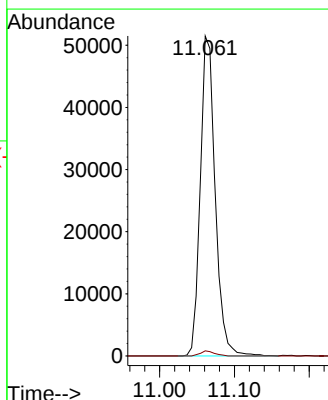
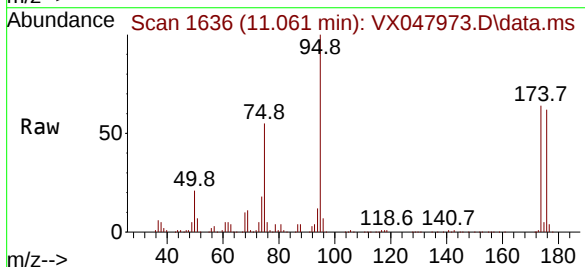
Instrument :
MSVOA_X
ClientSampleId :
TT163S1-20250924

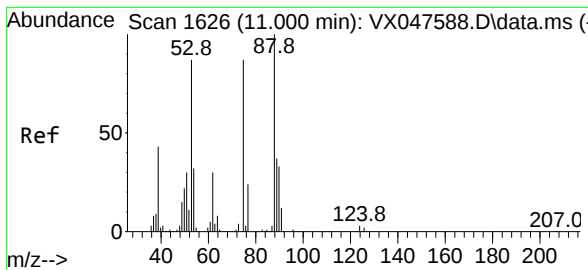
Tgt Ion:152 Resp: 147498
Ion Ratio Lower Upper
152 100
115 60.9 44.9 134.5
150 155.0 0.0 352.0



#76
1,2,3-Trichloropropane
Concen: 23.906 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.159 min
Lab File: VX047973.D
Acq: 02 Oct 2025 16:54

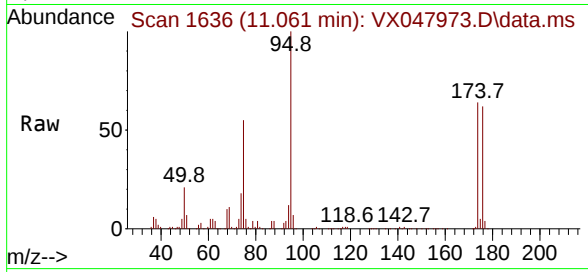
Tgt Ion: 75 Resp: 71392
Ion Ratio Lower Upper
75 100
77 1.5 18.8 56.4#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 60.963 ug/l
 RT: 11.061 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX047973.D
 Acq: 02 Oct 2025 16:54

Instrument :
 MSVOA_X
 ClientSampleId :
 TT163S1-20250924



Tgt Ion: 75 Resp: 71392
 Ion Ratio Lower Upper
 75 100
 53 0.0 83.4 125.2#
 89 0.0 36.3 54.5#

