

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092625\
 Data File : VX047861.D
 Acq On : 26 Sep 2025 16:10
 Operator : JC/MD
 Sample : Q3143-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAGEMENT

Quant Time: Sep 26 23:17:31 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)

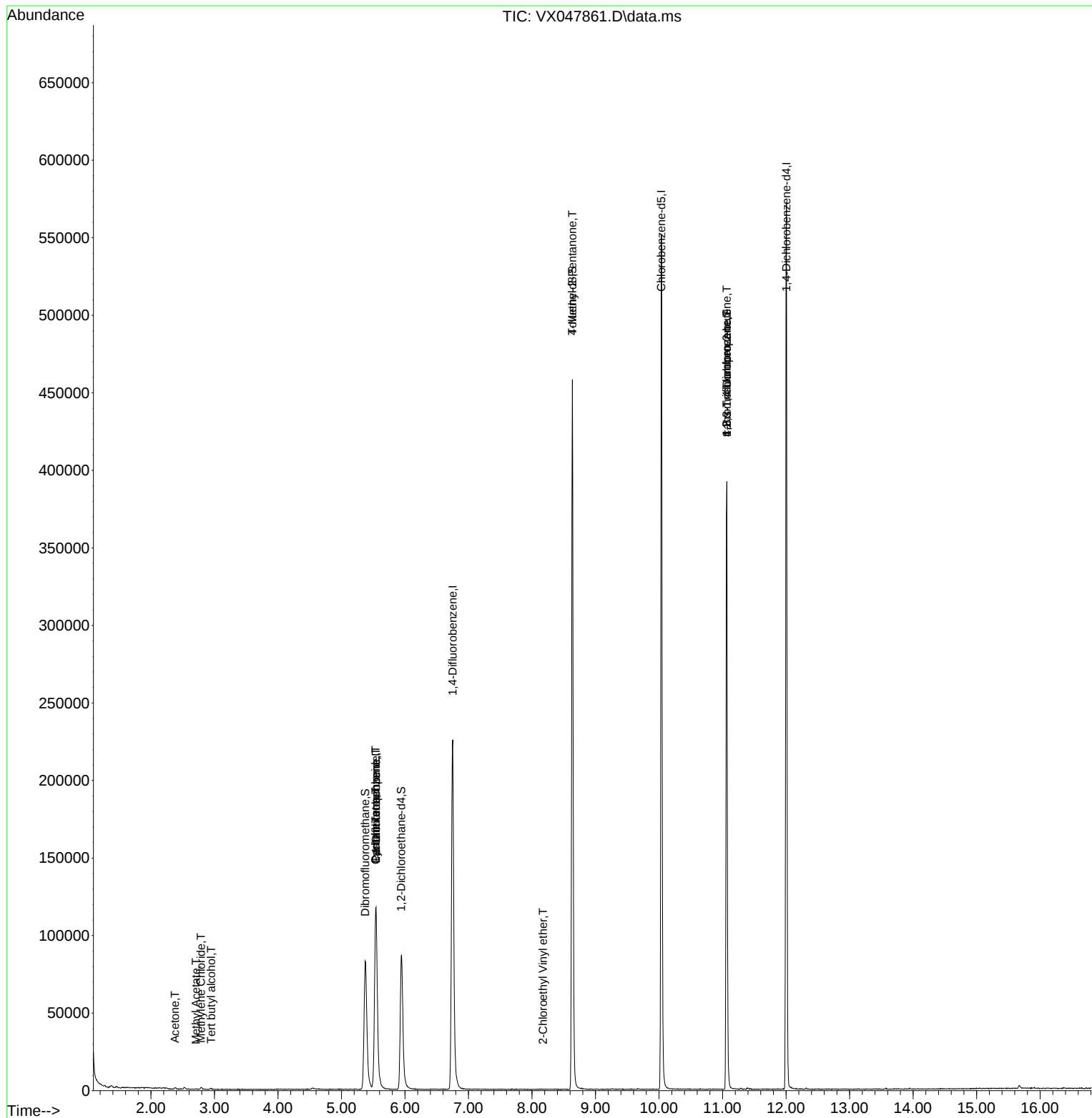
Internal Standards						
1) Pentafluorobenzene	5.544	168	118382	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	244023	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	251722	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	122127	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	95703	50.789	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 101.580%		
35) Dibromofluoromethane	5.373	113	79654	48.672	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 97.340%		
50) Toluene-d8	8.634	98	276817	48.883	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 97.760%		
62) 4-Bromofluorobenzene	11.067	95	113914	53.005	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 106.000%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.946	59	47	0.224	ug/l #	72
16) Acetone	2.380	43	1294	1.579	ug/l #	71
18) Methyl Acetate	2.709	43	470	0.258	ug/l #	54
20) Methylene Chloride	2.788	84	629	0.363	ug/l #	76
31) Cyclohexane	5.537	56	2890	1.161	ug/l #	19
36) 1,1-Dichloropropene	5.544	75	10424	4.359	ug/l #	51
38) Carbon Tetrachloride	5.537	117	12603	4.851	ug/l #	18
51) 4-Methyl-2-Pentanone	8.634	43	1323	0.568	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.171	63	25	7.912	ug/l #	47
76) 1,2,3-Trichloropropane	11.067	75	58926	23.831	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.067	75	58926	60.772	ug/l #	8

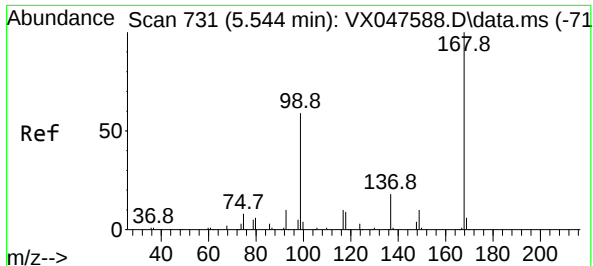
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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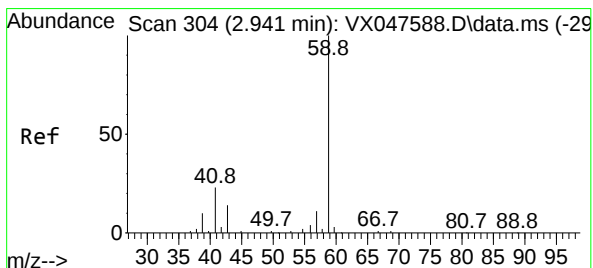
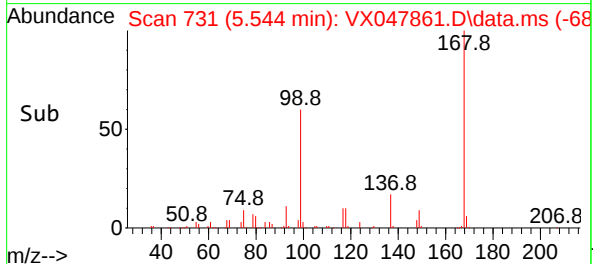
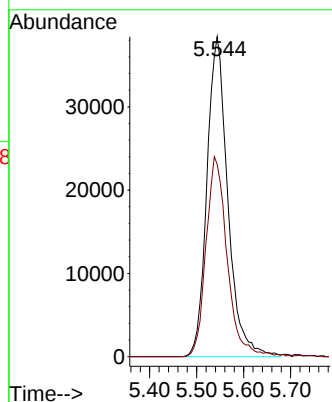
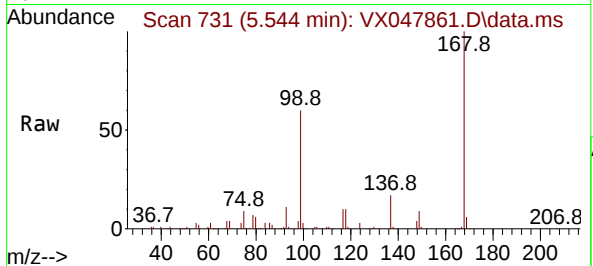




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047861.D
Acq: 26 Sep 2025 16:10

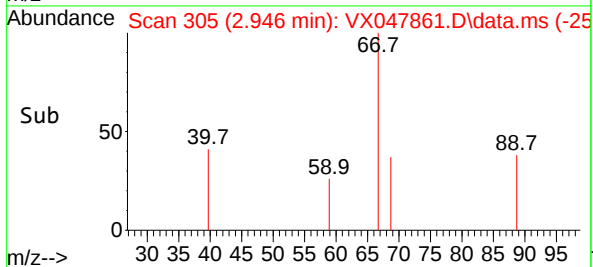
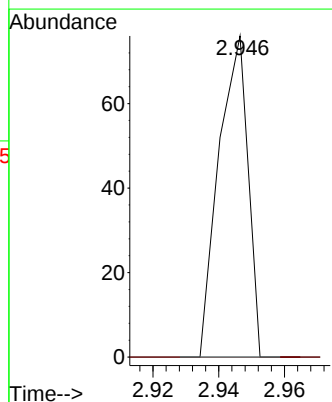
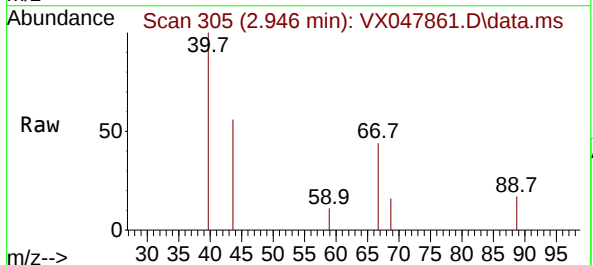
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGEMENT

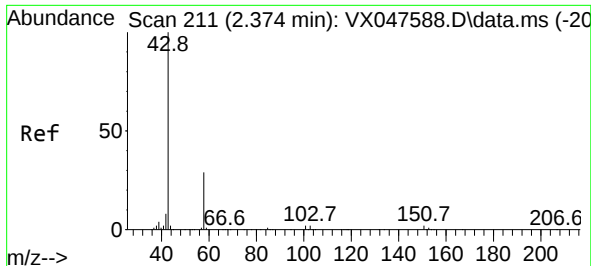
Tgt Ion:168 Resp: 118382
Ion Ratio Lower Upper
168 100
99 60.1 48.8 73.2



#11
Tert butyl alcohol
Concen: 0.224 ug/l
RT: 2.946 min Scan# 305
Delta R.T. 0.006 min
Lab File: VX047861.D
Acq: 26 Sep 2025 16:10

Tgt Ion: 59 Resp: 47
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

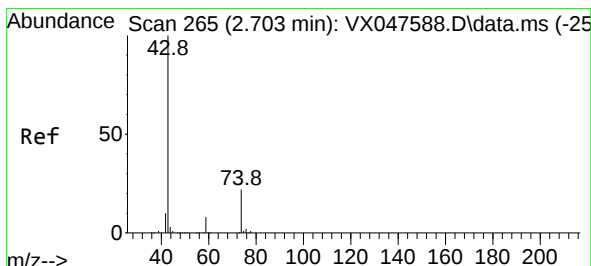
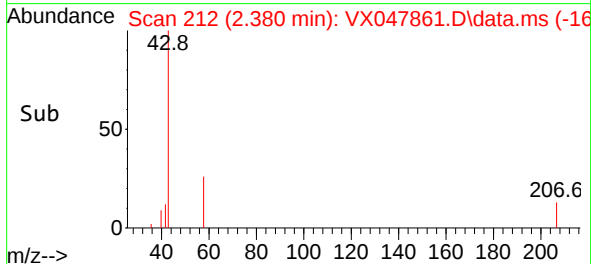
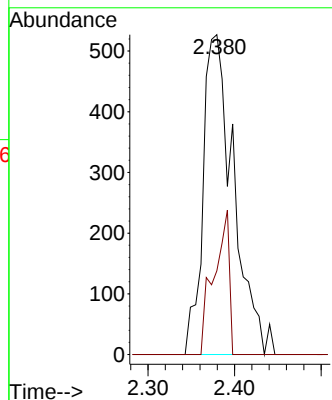
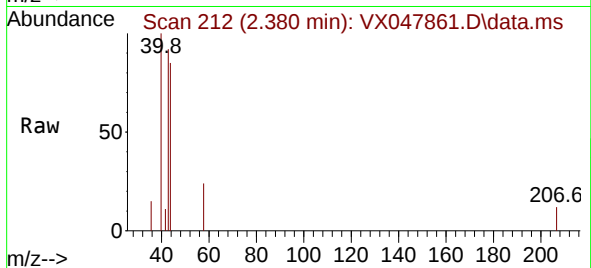




#16
Acetone
Concen: 1.579 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX047861.D
Acq: 26 Sep 2025 16:10

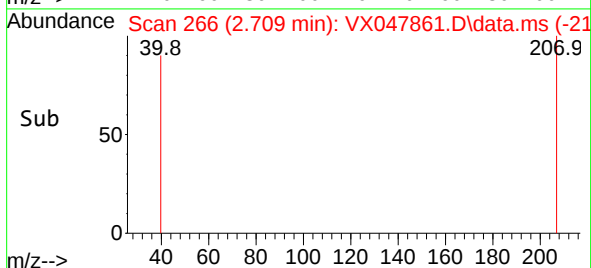
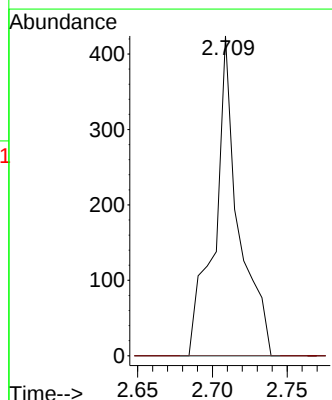
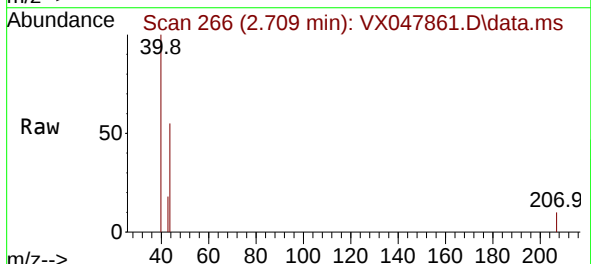
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGEMENT

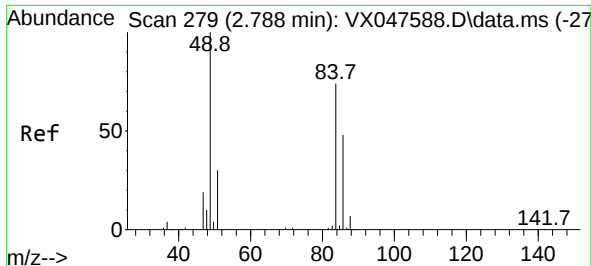
Tgt Ion: 43 Resp: 1294
Ion Ratio Lower Upper
43 100
58 13.6 23.4 35.0#



#18
Methyl Acetate
Concen: 0.258 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX047861.D
Acq: 26 Sep 2025 16:10

Tgt Ion: 43 Resp: 470
Ion Ratio Lower Upper
43 100
74 0.0 17.4 26.2#

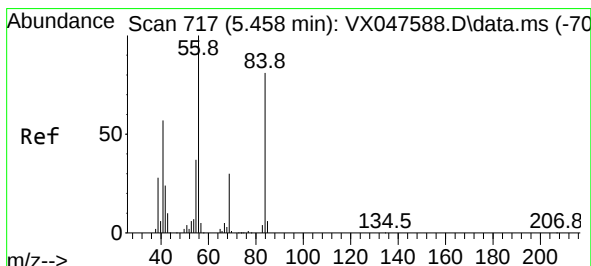
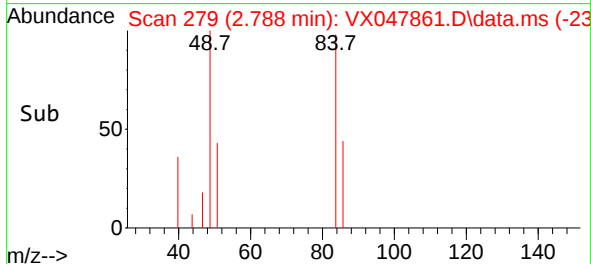
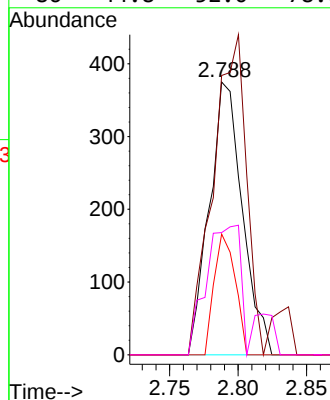
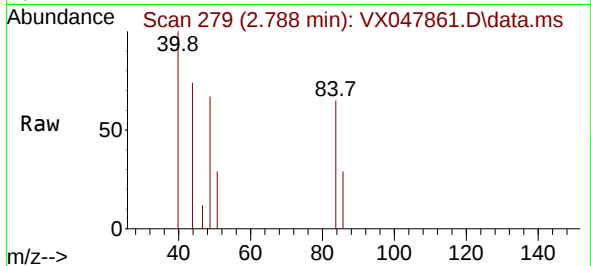




#20
Methylene Chloride
Concen: 0.363 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX047861.D
Acq: 26 Sep 2025 16:10

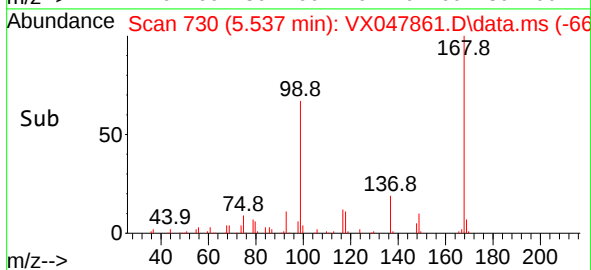
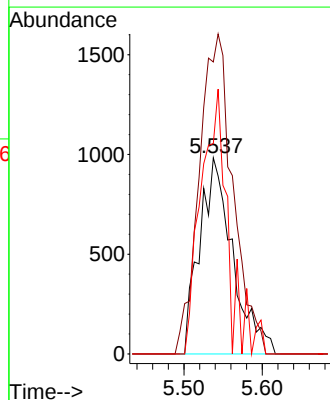
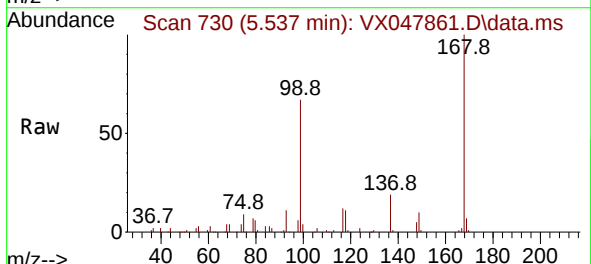
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGEMENT

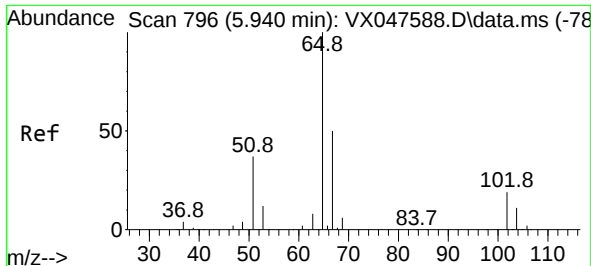
Tgt Ion:	84	Resp:	629
Ion	Ratio	Lower	Upper
84	100		
49	102.4	108.6	162.8#
51	44.3	32.6	48.8
86	44.8	52.0	78.0#



#31
Cyclohexane
Concen: 1.161 ug/l
RT: 5.537 min Scan# 730
Delta R.T. 0.079 min
Lab File: VX047861.D
Acq: 26 Sep 2025 16:10

Tgt Ion:	56	Resp:	2890
Ion	Ratio	Lower	Upper
56	100		
69	148.9	23.8	35.8#
84	107.3	64.6	97.0#





#33

1,2-Dichloroethane-d4

Concen: 50.789 ug/l

RT: 5.940 min Scan# 796

Delta R.T. -0.000 min

Lab File: VX047861.D

Acq: 26 Sep 2025 16:10

Instrument :

MSVOA_X

ClientSampleId :

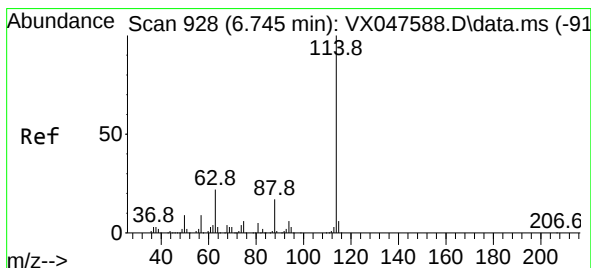
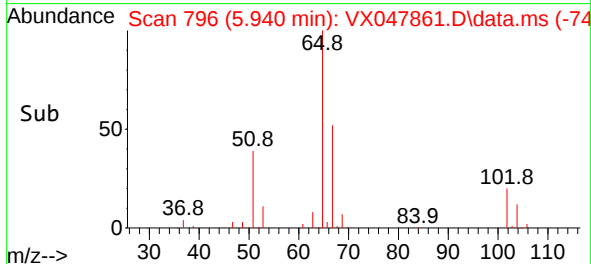
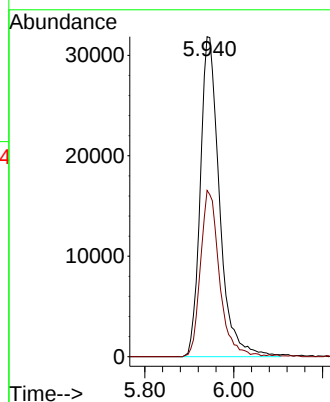
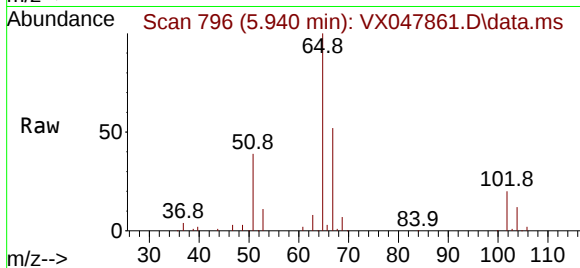
STORAGE-BLANK-SAMPLE-MANAGEMENT

Tgt Ion: 65 Resp: 95703

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: VX047861.D

Acq: 26 Sep 2025 16:10

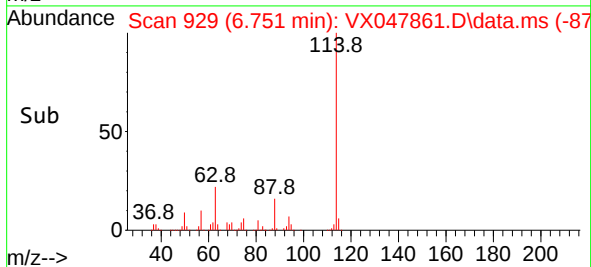
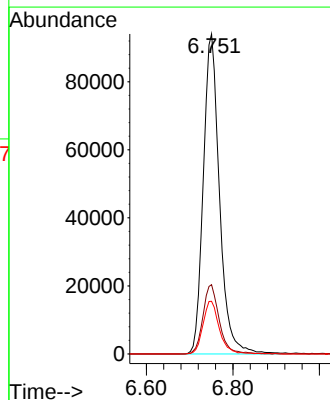
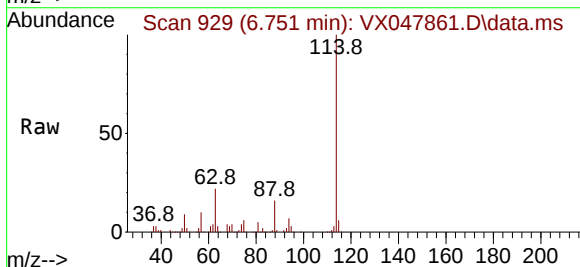
Tgt Ion: 114 Resp: 244023

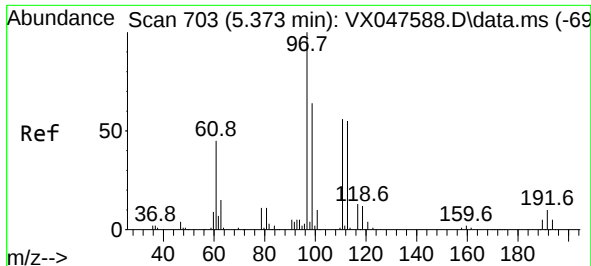
Ion Ratio Lower Upper

114 100

63 21.6 0.0 44.0

88 16.4 0.0 34.2

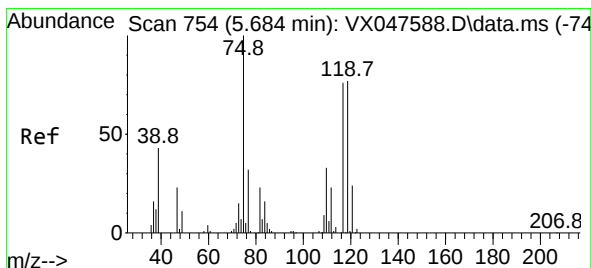
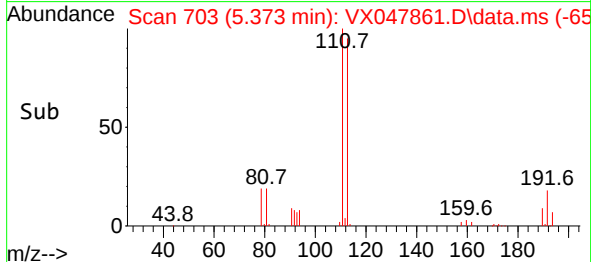
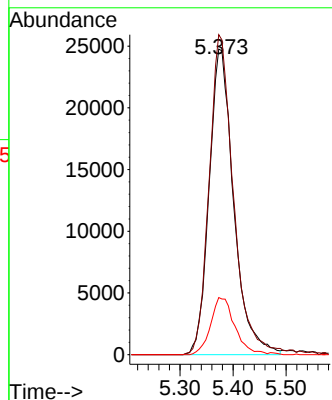
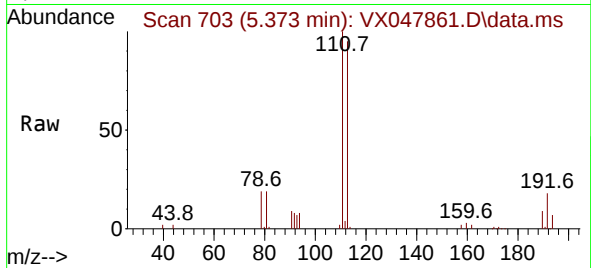




#35
Dibromofluoromethane
Concen: 48.672 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047861.D
Acq: 26 Sep 2025 16:10

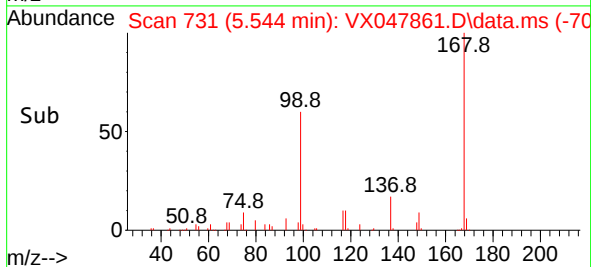
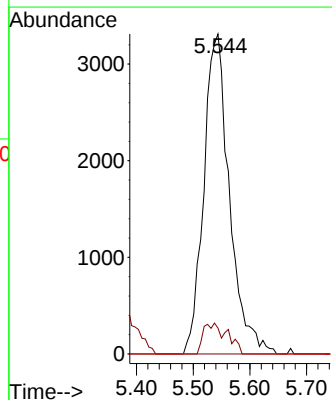
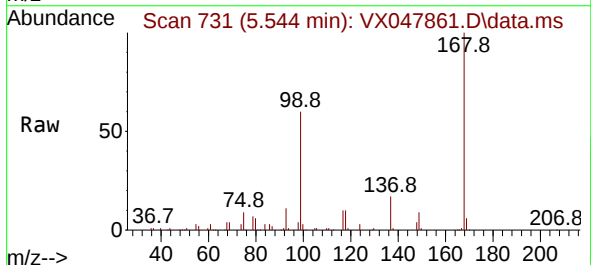
Instrument :
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STORAGE-BLANK-SAMPLE-MANAGEMENT

Tgt Ion:113 Resp: 79654
Ion Ratio Lower Upper
113 100
111 103.5 80.9 121.3
192 18.4 14.2 21.4



#36
1,1-Dichloropropene
Concen: 4.359 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.140 min
Lab File: VX047861.D
Acq: 26 Sep 2025 16:10

Tgt Ion: 75 Resp: 10424
Ion Ratio Lower Upper
75 100
110 9.0 16.7 50.1#
77 0.0 24.3 36.5#

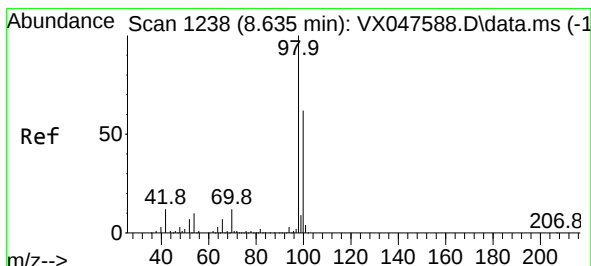
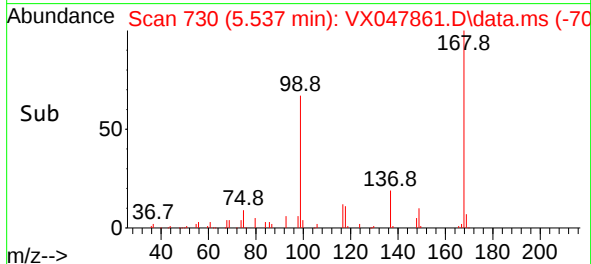
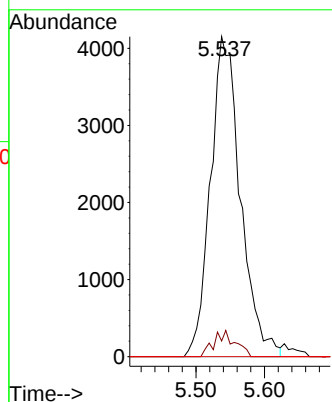
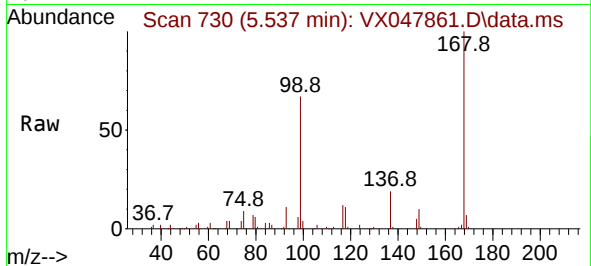




#38
Carbon Tetrachloride
Concen: 4.851 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX047861.D
Acq: 26 Sep 2025 16:10

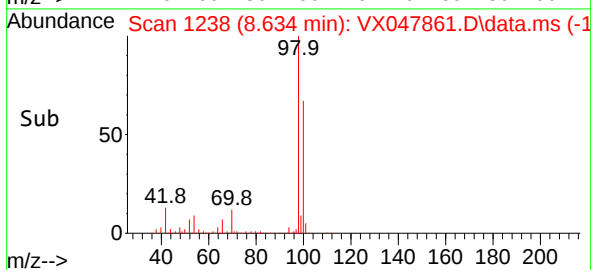
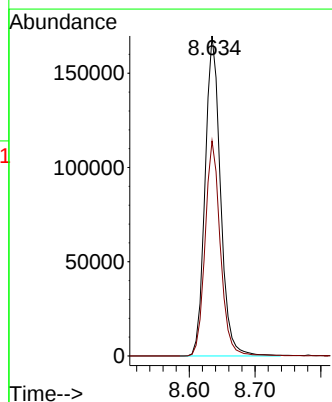
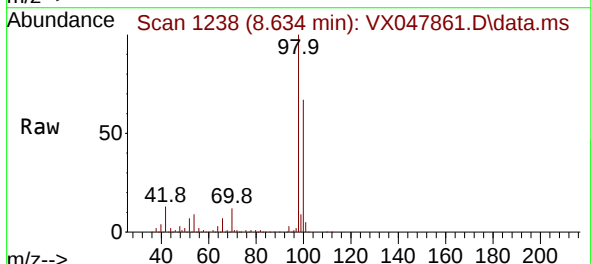
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGEMENT

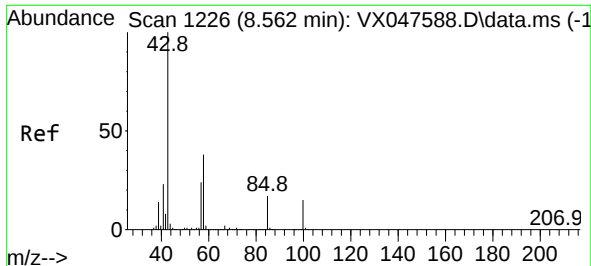
Tgt Ion:117 Resp: 12603
Ion Ratio Lower Upper
117 100
119 4.9 73.4 110.2#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 48.883 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047861.D
Acq: 26 Sep 2025 16:10

Tgt Ion: 98 Resp: 276817
Ion Ratio Lower Upper
98 100
100 66.6 53.0 79.4





#51

4-Methyl-2-Pentanone

Concen: 0.568 ug/l

RT: 8.634 min Scan# 1162

Delta R.T. 0.073 min

Lab File: VX047861.D

Acq: 26 Sep 2025 16:10

Instrument :

MSVOA_X

ClientSampleId :

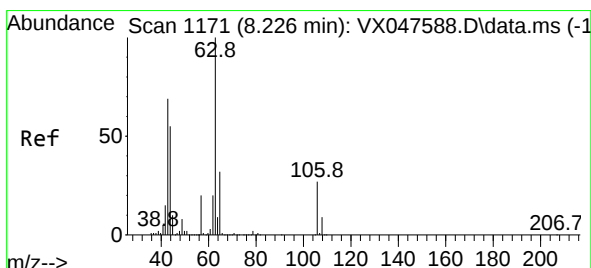
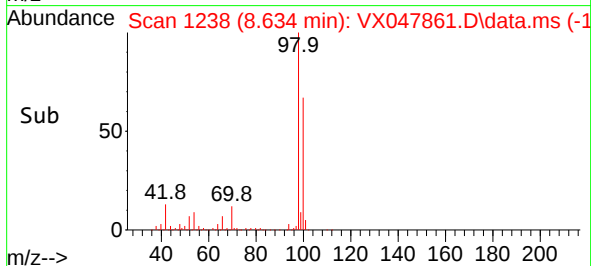
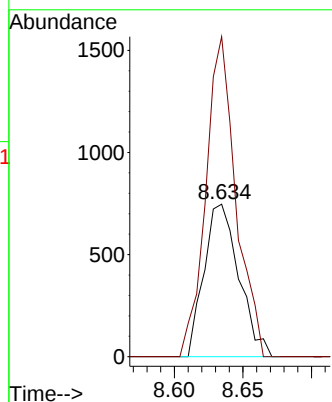
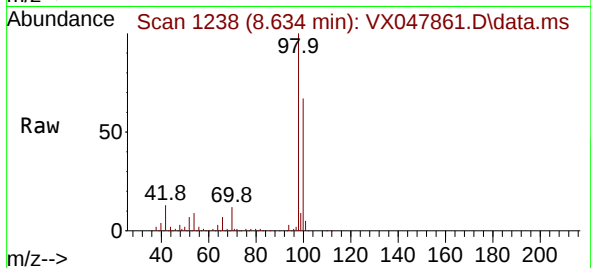
STORAGE-BLANK-SAMPLE-MANAGEMENT

Tgt Ion: 43 Resp: 1323

Ion Ratio Lower Upper

43 100

58 180.9 30.3 45.5#



#58

2-Chloroethyl Vinyl ether

Concen: 7.912 ug/l

RT: 8.171 min Scan# 1162

Delta R.T. -0.055 min

Lab File: VX047861.D

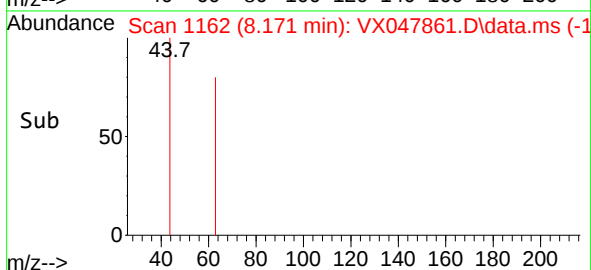
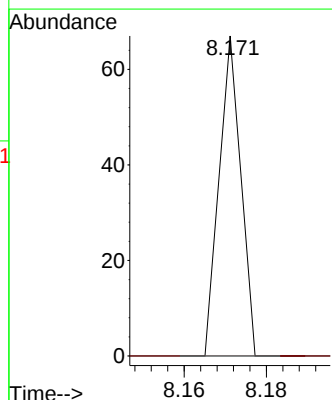
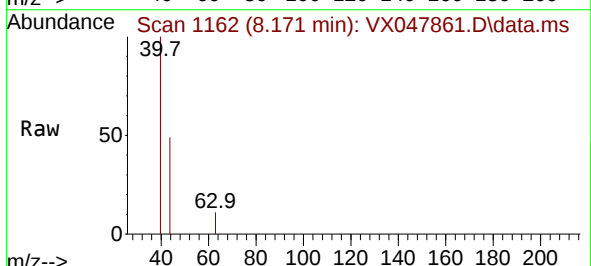
Acq: 26 Sep 2025 16:10

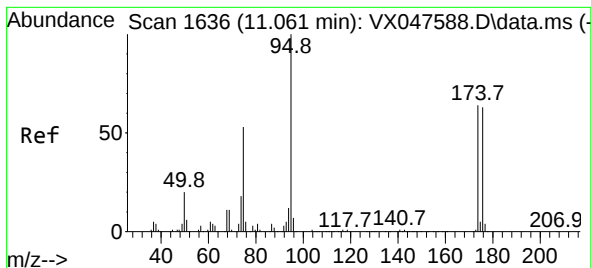
Tgt Ion: 63 Resp: 25

Ion Ratio Lower Upper

63 100

106 0.0 21.9 32.9#

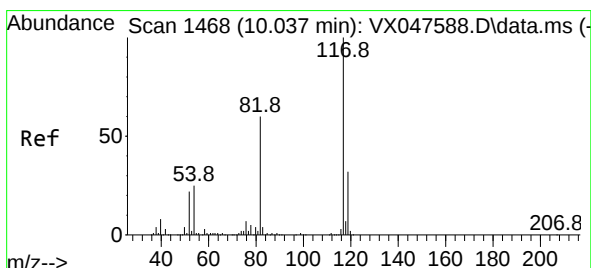
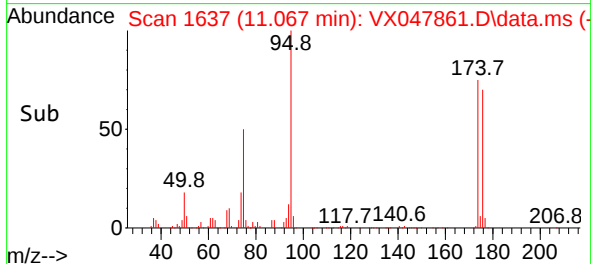
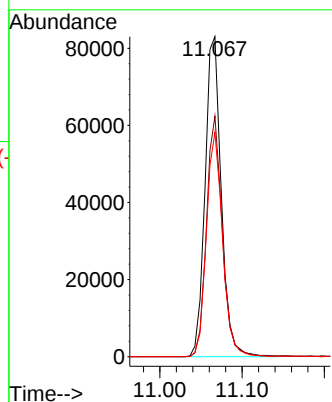
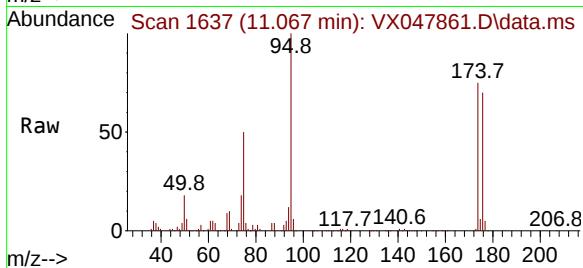




#62
4-Bromofluorobenzene
Concen: 53.005 ug/l
RT: 11.067 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047861.D
Acq: 26 Sep 2025 16:10

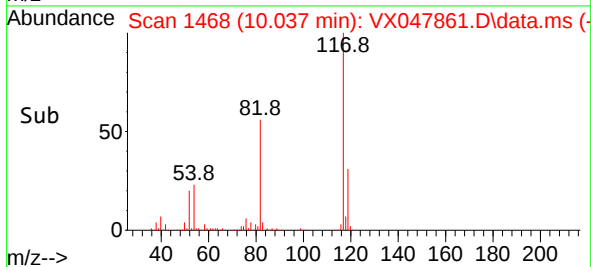
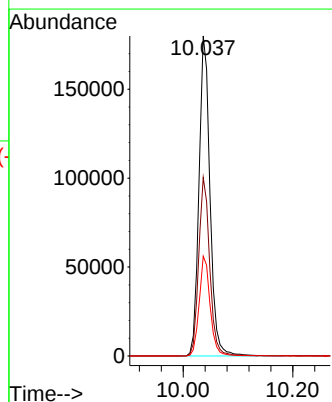
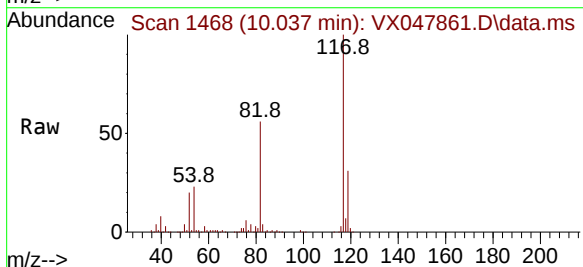
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGEMENT

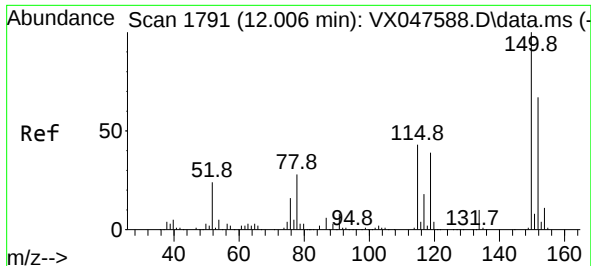
Tgt Ion: 95 Resp: 113914
Ion Ratio Lower Upper
95 100
174 74.0 0.0 141.6
176 69.8 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047861.D
Acq: 26 Sep 2025 16:10

Tgt Ion: 117 Resp: 251722
Ion Ratio Lower Upper
117 100
82 55.8 47.8 71.6
119 31.2 25.2 37.8

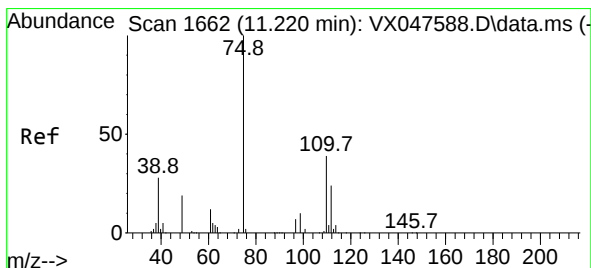
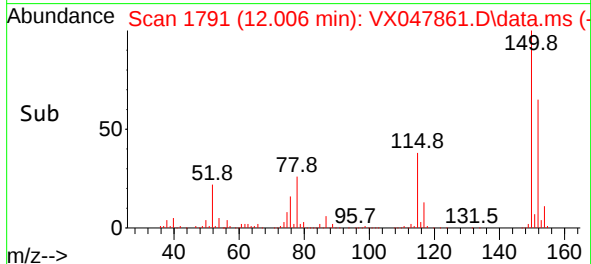
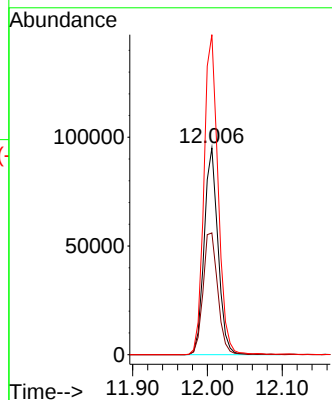
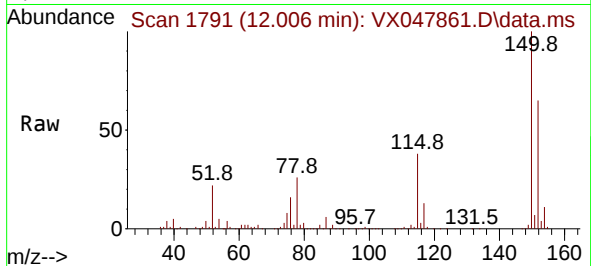




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047861.D
Acq: 26 Sep 2025 16:10

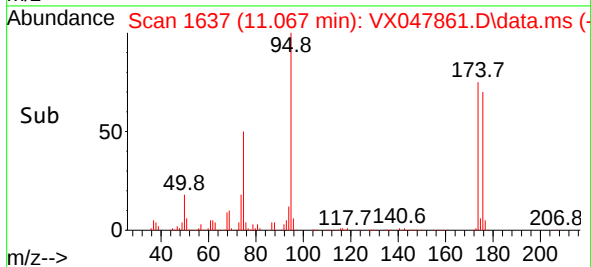
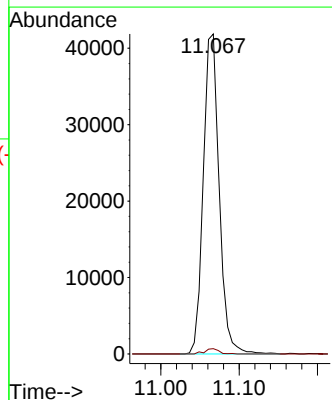
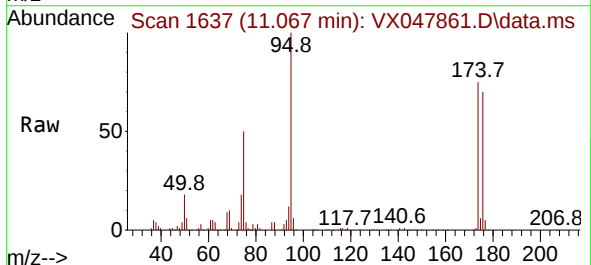
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGEMENT

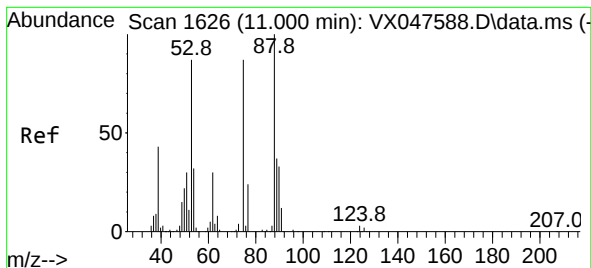
Tgt Ion:152 Resp: 122127
Ion Ratio Lower Upper
152 100
115 62.7 44.9 134.5
150 158.5 0.0 352.0



#76
1,2,3-Trichloropropane
Concen: 23.831 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. -0.153 min
Lab File: VX047861.D
Acq: 26 Sep 2025 16:10

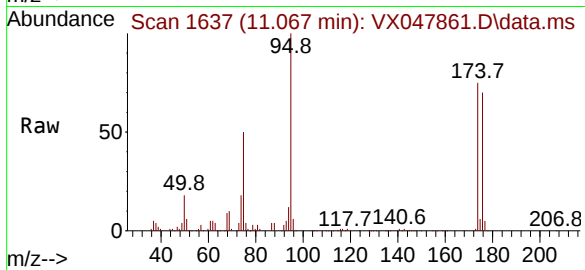
Tgt Ion: 75 Resp: 58926
Ion Ratio Lower Upper
75 100
77 1.5 18.8 56.4#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 60.772 ug/l
 RT: 11.067 min Scan# 1
 Delta R.T. 0.067 min
 Lab File: VX047861.D
 Acq: 26 Sep 2025 16:10

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAGEMENT



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

