

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
 Data File : VX048173.D
 Acq On : 14 Oct 2025 17:37
 Operator : JC/MD
 Sample : Q3325-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 15 02:49:37 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)

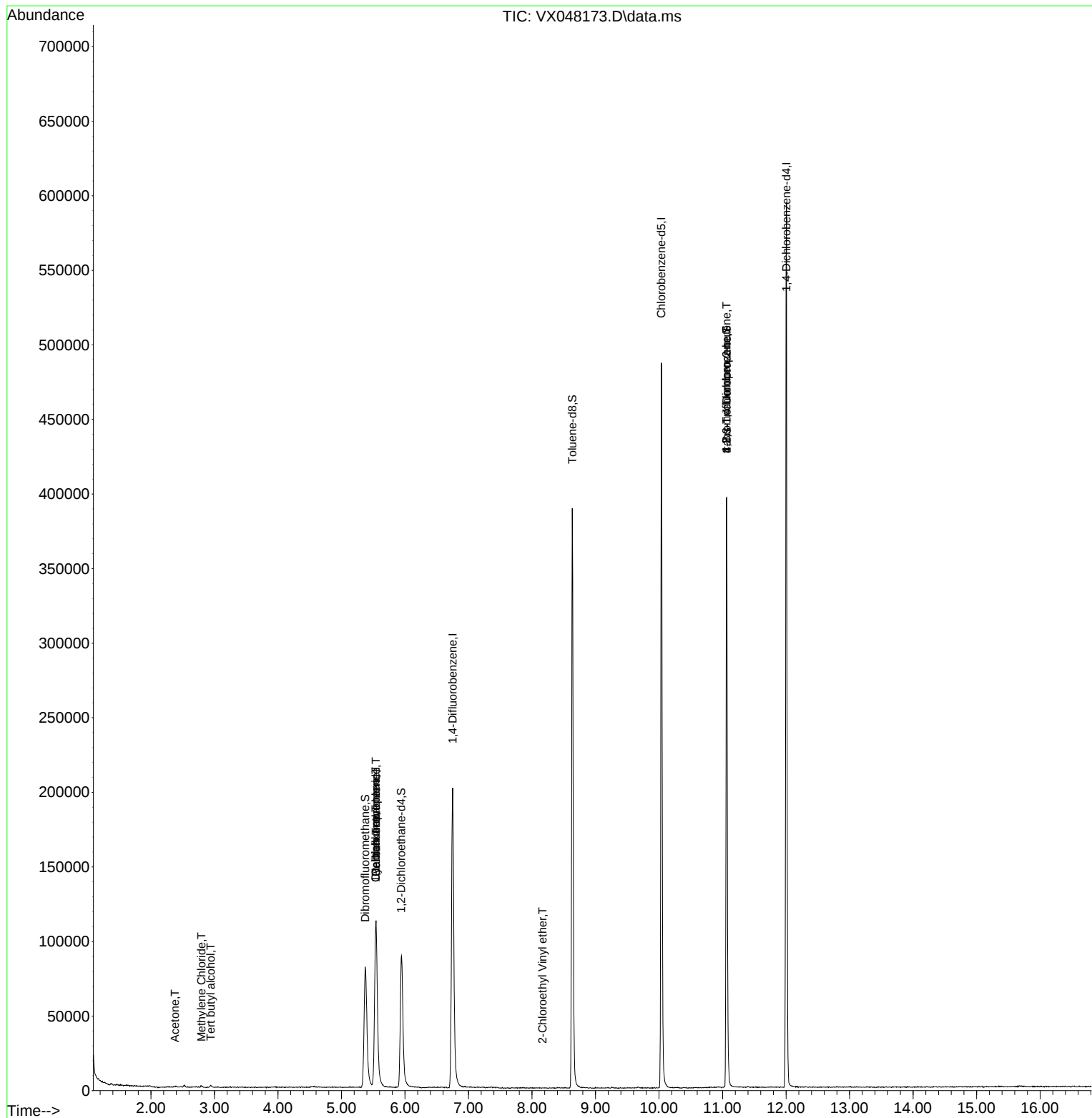
Internal Standards						
1) Pentafluorobenzene	5.544	168	111167	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	226396	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	230418	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	123442	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	96984	54.809	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.620%	
35) Dibromofluoromethane	5.373	113	78071	51.419	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.840%	
50) Toluene-d8	8.635	98	244684	46.573	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 93.140%	
62) 4-Bromofluorobenzene	11.061	95	116729	58.543	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 117.080%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.940	59	506	2.568	ug/l #	72
16) Acetone	2.380	43	960	1.248	ug/l #	64
20) Methylene Chloride	2.794	84	453	0.278	ug/l	90
31) Cyclohexane	5.538	56	2920	1.249	ug/l #	2
36) 1,1-Dichloropropene	5.538	75	9694	4.369	ug/l #	49
38) Carbon Tetrachloride	5.544	117	12310	5.107	ug/l #	19
58) 2-Chloroethyl Vinyl ether	8.165	63	47	7.932	ug/l #	47
76) 1,2,3-Trichloropropane	11.061	75	61831	24.739	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.061	75	61831	63.088	ug/l #	8

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

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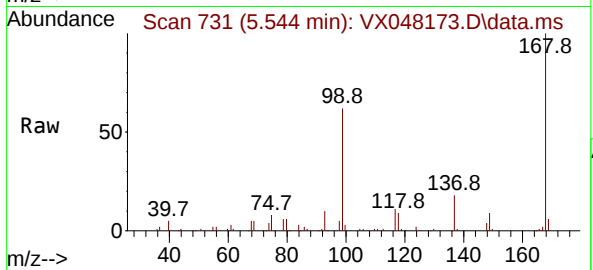
Quant Time: Oct 15 02:49:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
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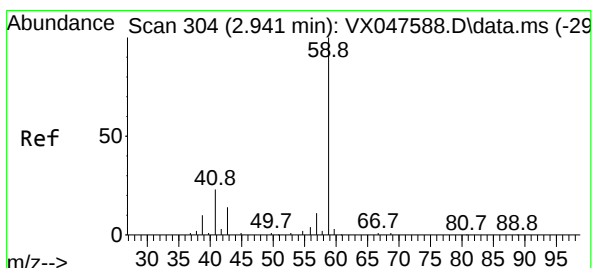
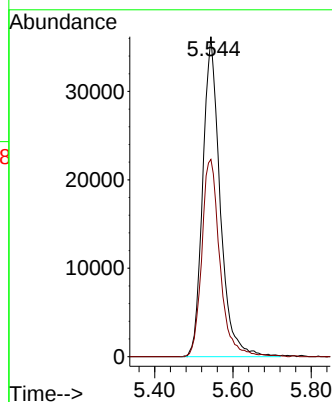
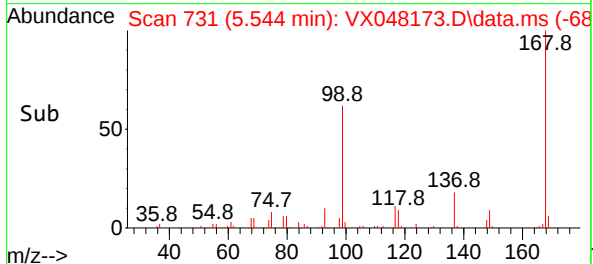


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048173.D
Acq: 14 Oct 2025 17:37

Instrument :
MSVOA_X
ClientSampleId :

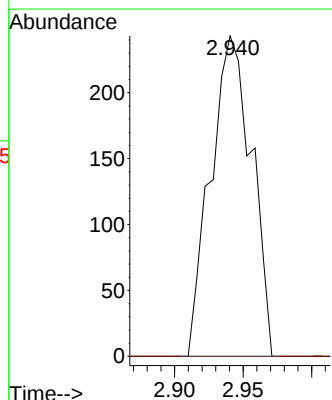
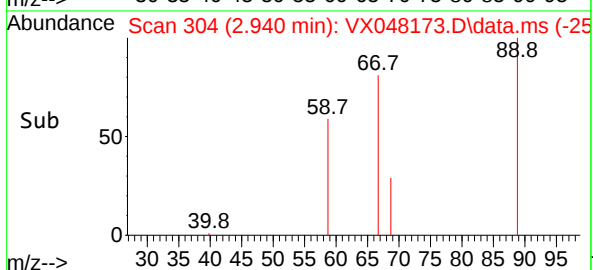
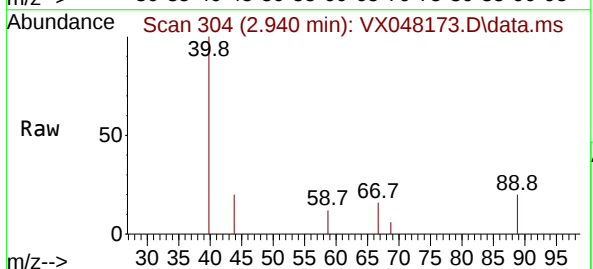


Tgt Ion:168 Resp: 111167
Ion Ratio Lower Upper
168 100
99 61.6 48.8 73.2



#11
Tert butyl alcohol
Concen: 2.568 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.000 min
Lab File: VX048173.D
Acq: 14 Oct 2025 17:37

Tgt Ion: 59 Resp: 506
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

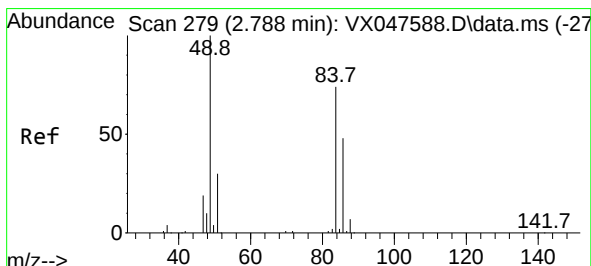
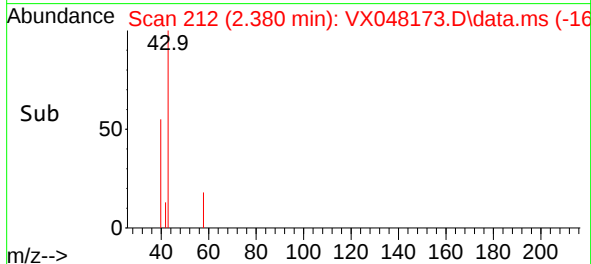
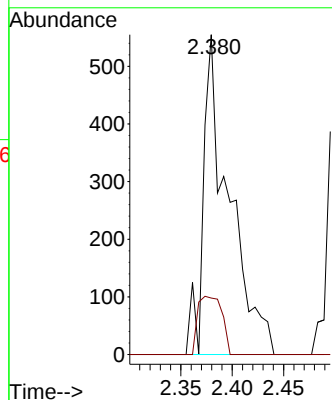
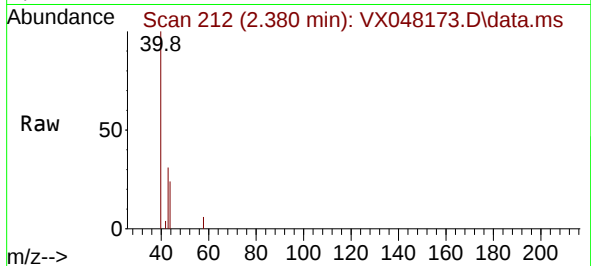




#16
Acetone
Concen: 1.248 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX048173.D
Acq: 14 Oct 2025 17:37

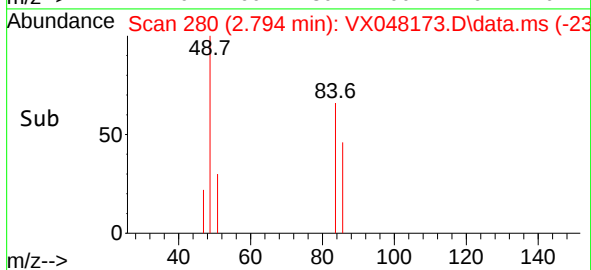
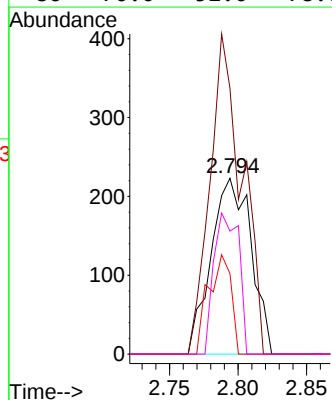
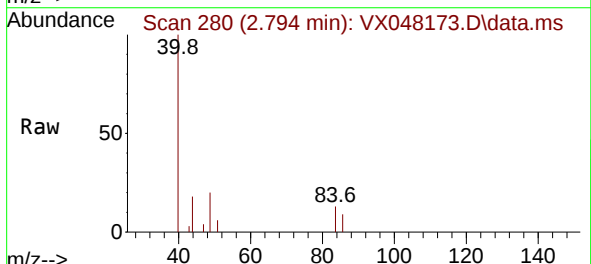
Instrument :
MSVOA_X
ClientSampleId :

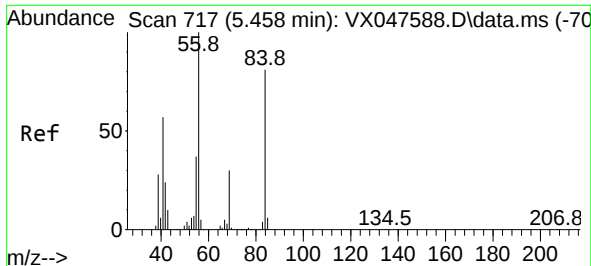
Tgt Ion: 43 Resp: 960
Ion Ratio Lower Upper
43 100
58 10.1 23.4 35.0#



#20
Methylene Chloride
Concen: 0.278 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX048173.D
Acq: 14 Oct 2025 17:37

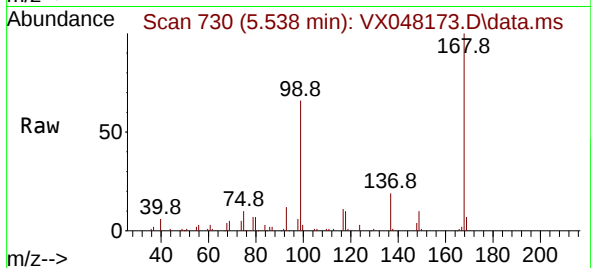
Tgt Ion: 84 Resp: 453
Ion Ratio Lower Upper
84 100
49 151.1 108.6 162.8
51 45.7 32.6 48.8
86 70.0 52.0 78.0



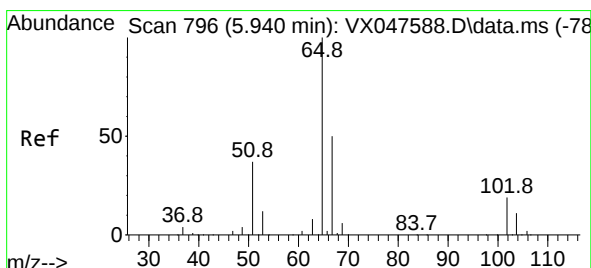
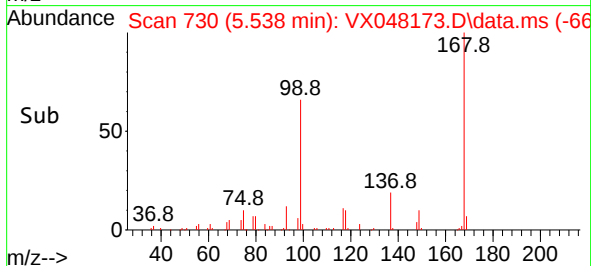
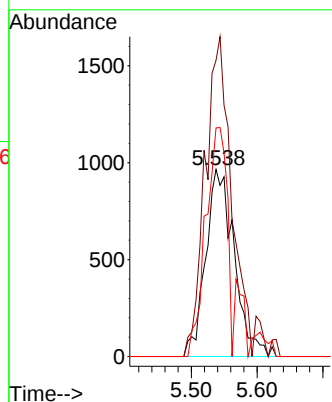


#31
Cyclohexane
Concen: 1.249 ug/l
RT: 5.538 min Scan# 717
Delta R.T. 0.079 min
Lab File: VX048173.D
Acq: 14 Oct 2025 17:37

Instrument :
MSVOA_X
ClientSampleId :

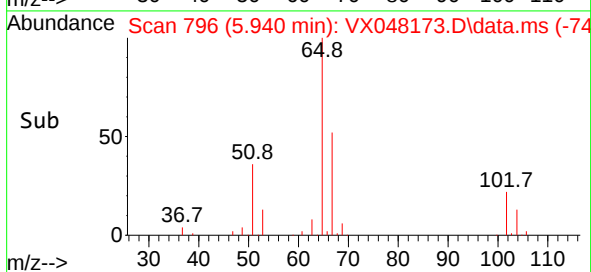
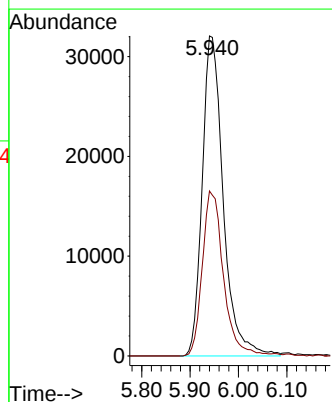
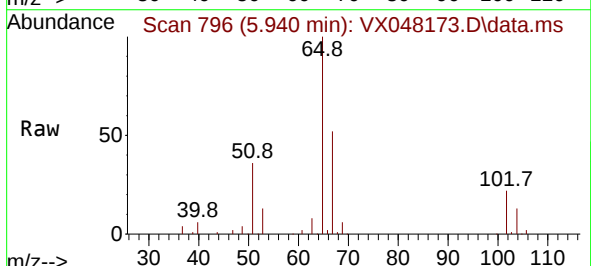


Tgt Ion: 56 Resp: 2920
Ion Ratio Lower Upper
56 100
69 158.4 23.8 35.8#
84 122.3 64.6 97.0#



#33
1,2-Dichloroethane-d4
Concen: 54.809 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX048173.D
Acq: 14 Oct 2025 17:37

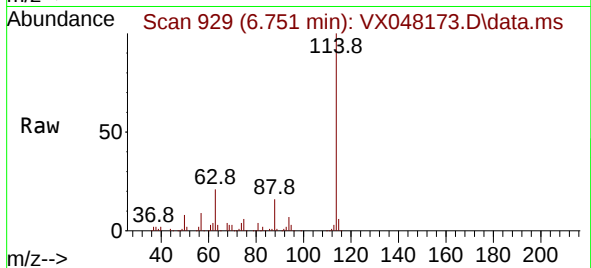
Tgt Ion: 65 Resp: 96984
Ion Ratio Lower Upper
65 100
67 51.6 0.0 103.0



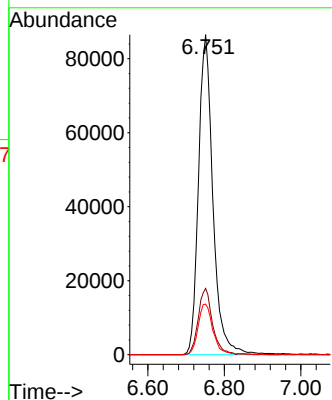
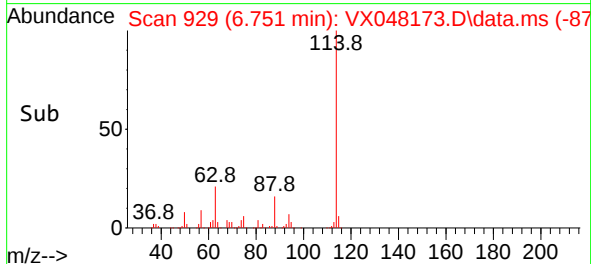


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX048173.D
Acq: 14 Oct 2025 17:37

Instrument :
MSVOA_X
ClientSampleId :

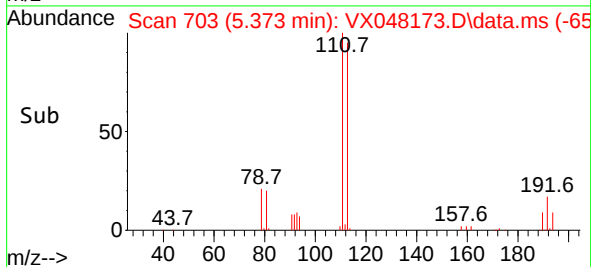
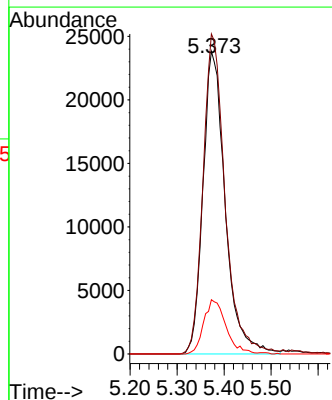
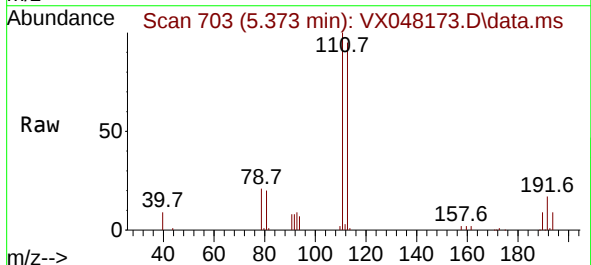


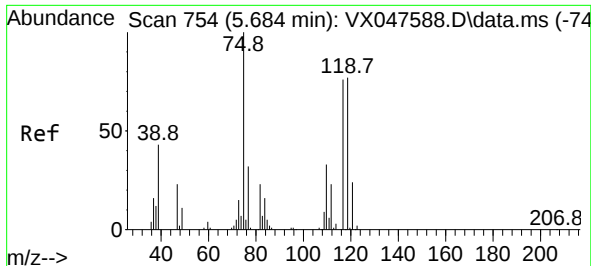
Tgt Ion:114 Resp: 226396
Ion Ratio Lower Upper
114 100
63 20.7 0.0 44.0
88 15.8 0.0 34.2



#35
Dibromofluoromethane
Concen: 51.419 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048173.D
Acq: 14 Oct 2025 17:37

Tgt Ion:113 Resp: 78071
Ion Ratio Lower Upper
113 100
111 105.0 80.9 121.3
192 17.9 14.2 21.4





#36

1,1-Dichloropropene

Concen: 4.369 ug/l

RT: 5.538 min Scan# 71

Delta R.T. -0.146 min

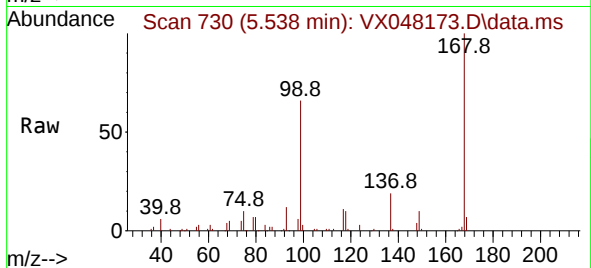
Lab File: VX048173.D

Acq: 14 Oct 2025 17:37

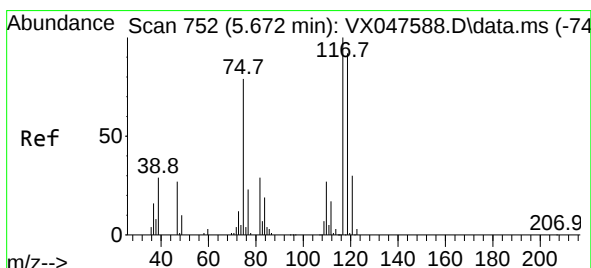
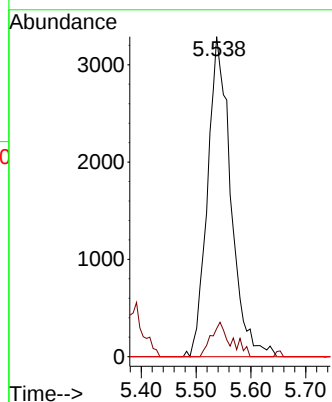
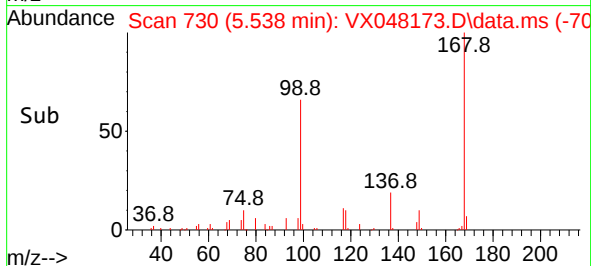
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	75	Resp:	9694
Ion	Ratio	Lower	Upper
75	100		
110	6.8	16.7	50.1#
77	0.0	24.3	36.5#



#38

Carbon Tetrachloride

Concen: 5.107 ug/l

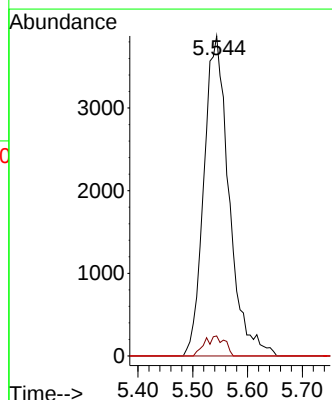
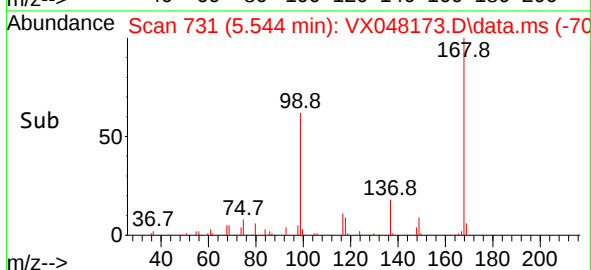
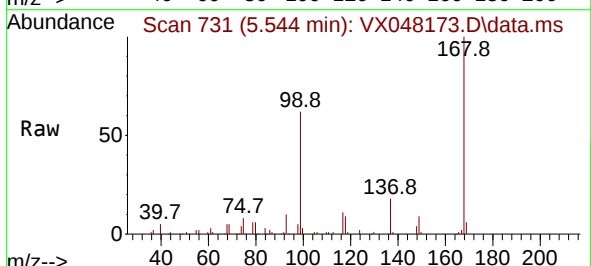
RT: 5.544 min Scan# 731

Delta R.T. -0.128 min

Lab File: VX048173.D

Acq: 14 Oct 2025 17:37

Tgt Ion:	117	Resp:	12310
Ion	Ratio	Lower	Upper
117	100		
119	6.3	73.4	110.2#
121	0.0	23.8	35.6#

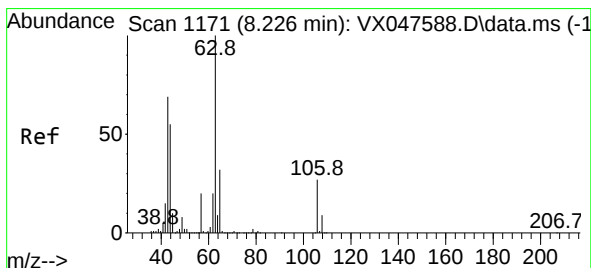
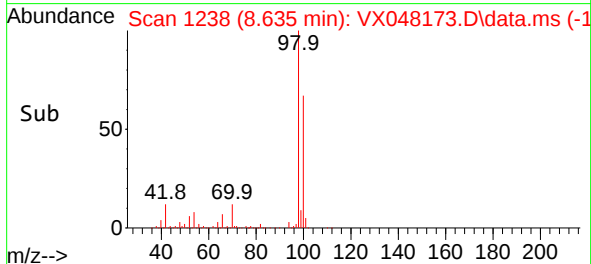
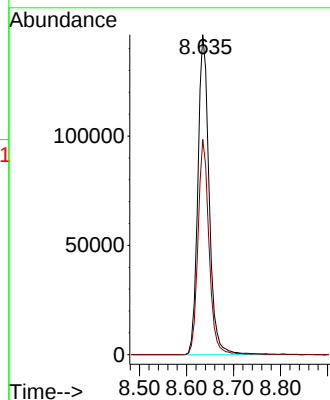
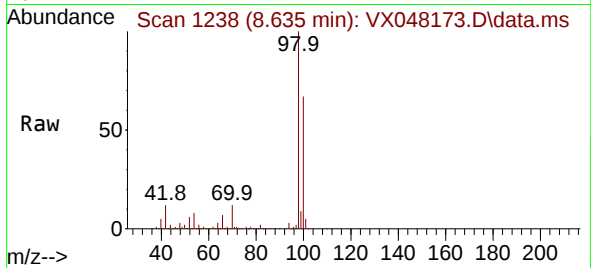




#50
Toluene-d8
Concen: 46.573 ug/l
RT: 8.635 min Scan# 1161
Delta R.T. -0.000 min
Lab File: VX048173.D
Acq: 14 Oct 2025 17:37

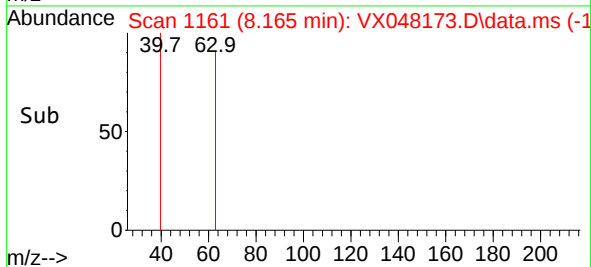
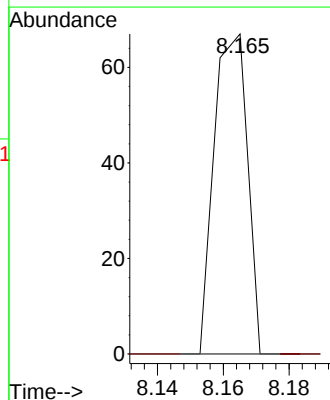
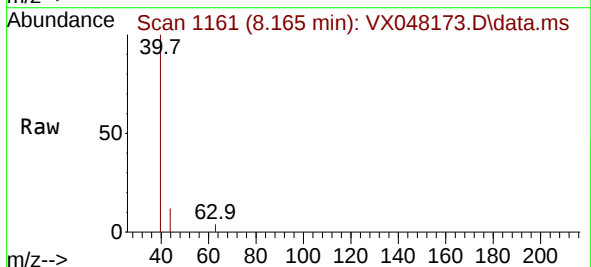
Instrument :
MSVOA_X
ClientSampleId :

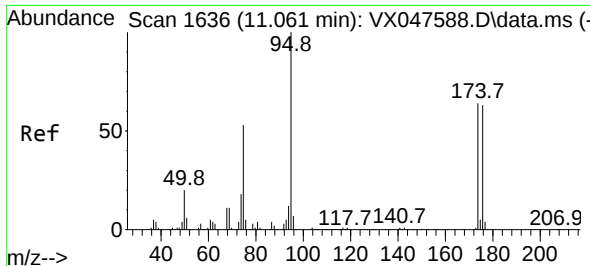
Tgt Ion: 98 Resp: 244684
Ion Ratio Lower Upper
98 100
100 65.8 53.0 79.4



#58
2-Chloroethyl Vinyl ether
Concen: 7.932 ug/l
RT: 8.165 min Scan# 1161
Delta R.T. -0.061 min
Lab File: VX048173.D
Acq: 14 Oct 2025 17:37

Tgt Ion: 63 Resp: 47
Ion Ratio Lower Upper
63 100
106 0.0 21.9 32.9#

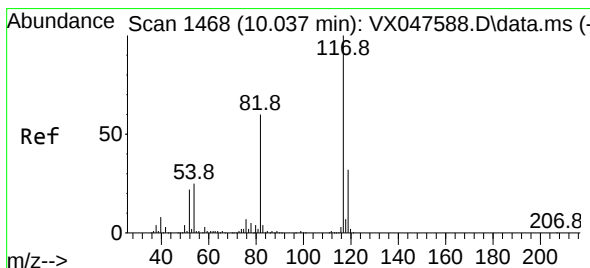
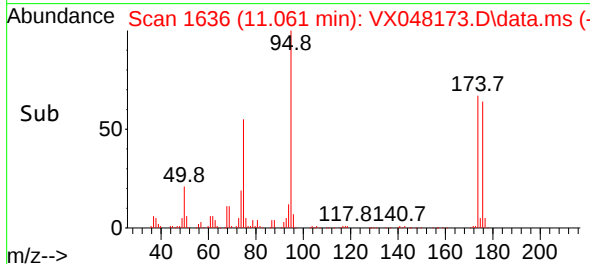
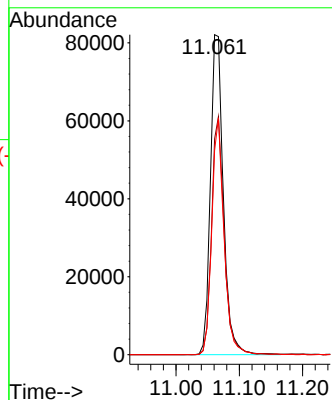
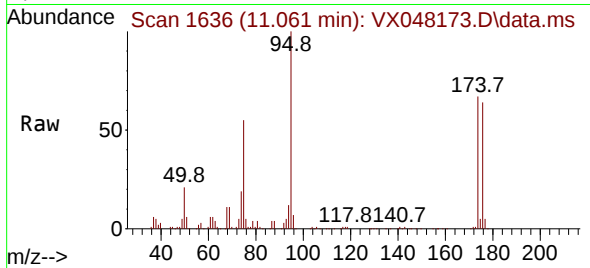




#62
4-Bromofluorobenzene
Concen: 58.543 ug/l
RT: 11.061 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048173.D
Acq: 14 Oct 2025 17:37

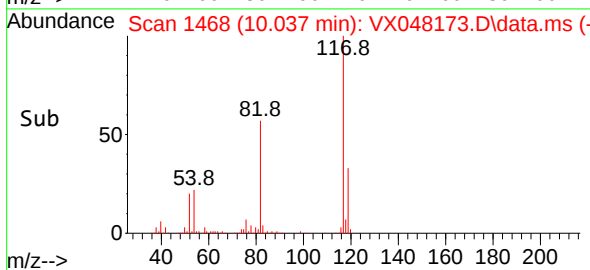
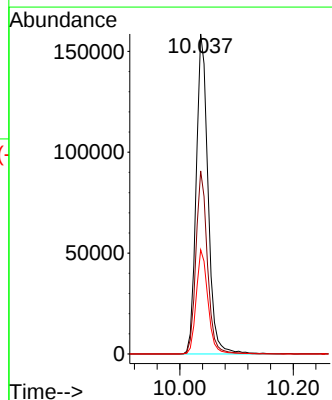
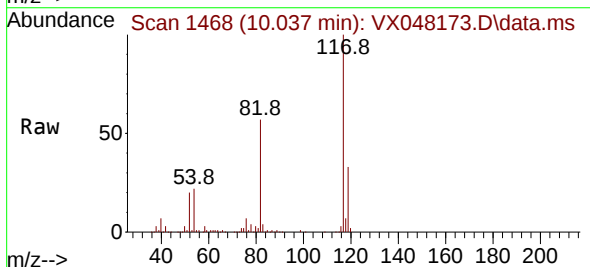
Instrument :
MSVOA_X
ClientSampleId :

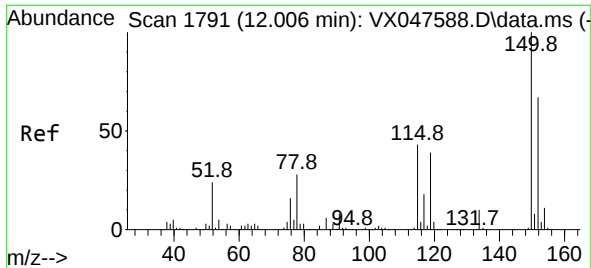
Tgt Ion: 95 Resp: 116729
Ion Ratio Lower Upper
95 100
174 72.3 0.0 141.6
176 70.1 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048173.D
Acq: 14 Oct 2025 17:37

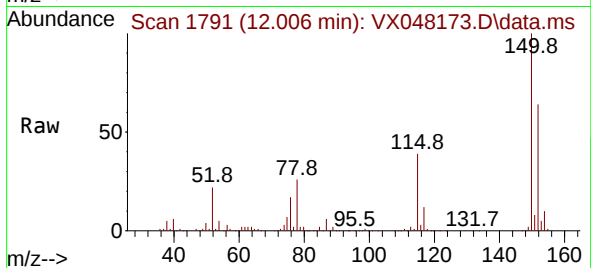
Tgt Ion: 117 Resp: 230418
Ion Ratio Lower Upper
117 100
82 57.2 47.8 71.6
119 32.6 25.2 37.8



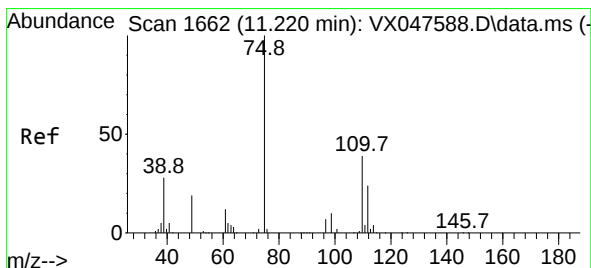
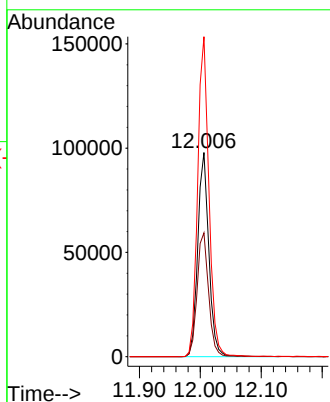
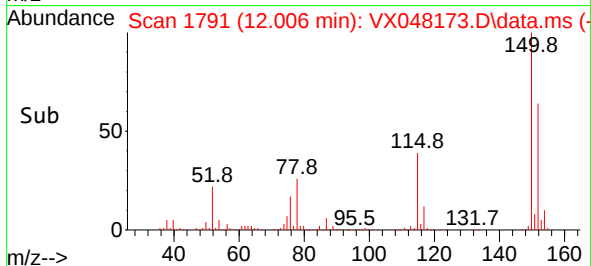


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VX048173.D
 Acq: 14 Oct 2025 17:37

Instrument :
 MSVOA_X
 ClientSampleId :

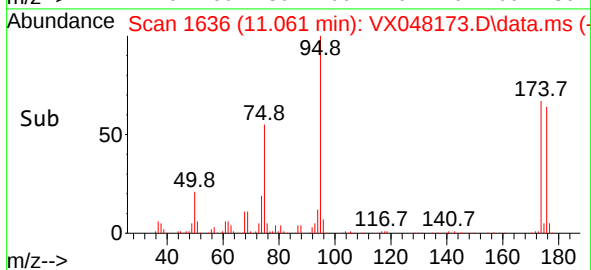
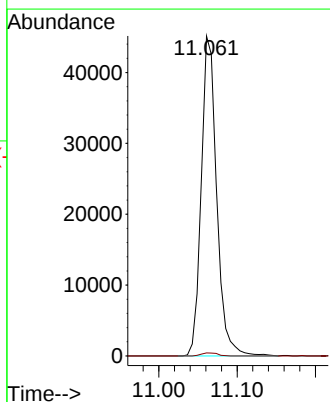
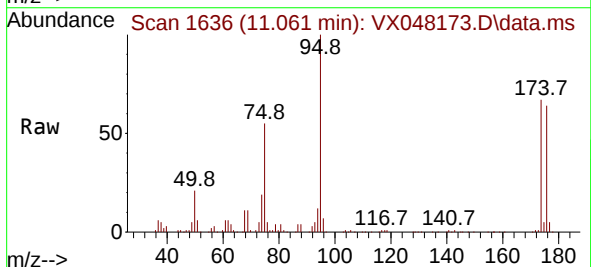


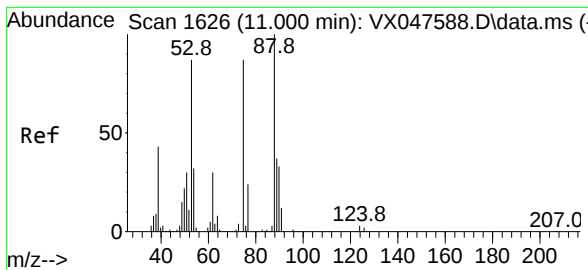
Tgt Ion:152 Resp: 123442
 Ion Ratio Lower Upper
 152 100
 115 62.8 44.9 134.5
 150 158.5 0.0 352.0



#76
 1,2,3-Trichloropropane
 Concen: 24.739 ug/l
 RT: 11.061 min Scan# 1636
 Delta R.T. -0.159 min
 Lab File: VX048173.D
 Acq: 14 Oct 2025 17:37

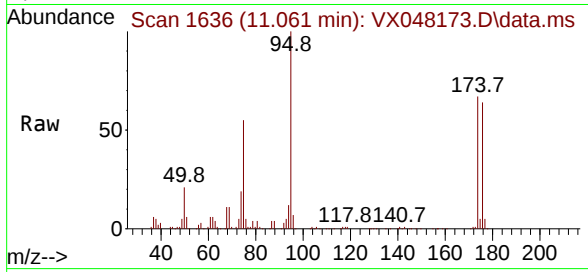
Tgt Ion: 75 Resp: 61831
 Ion Ratio Lower Upper
 75 100
 77 1.0 18.8 56.4#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.088 ug/l
 RT: 11.061 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX048173.D
 Acq: 14 Oct 2025 17:37

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 61831
 Ion Ratio Lower Upper
 75 100
 53 0.0 83.4 125.2#
 89 0.0 36.3 54.5#

