

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050825\
 Data File : VX046091.D
 Acq On : 08 May 2025 15:15
 Operator : JC/MD
 Sample : Q1972-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-B-10

Quant Time: May 09 01:57:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	61395	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	123914	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	115533	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	49426	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	61344	53.594	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.180%	
35) Dibromofluoromethane	5.379	113	43954	49.259	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.520%	
50) Toluene-d8	8.647	98	154448	50.009	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.020%	
62) 4-Bromofluorobenzene	11.079	95	59419	50.157	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 100.320%	

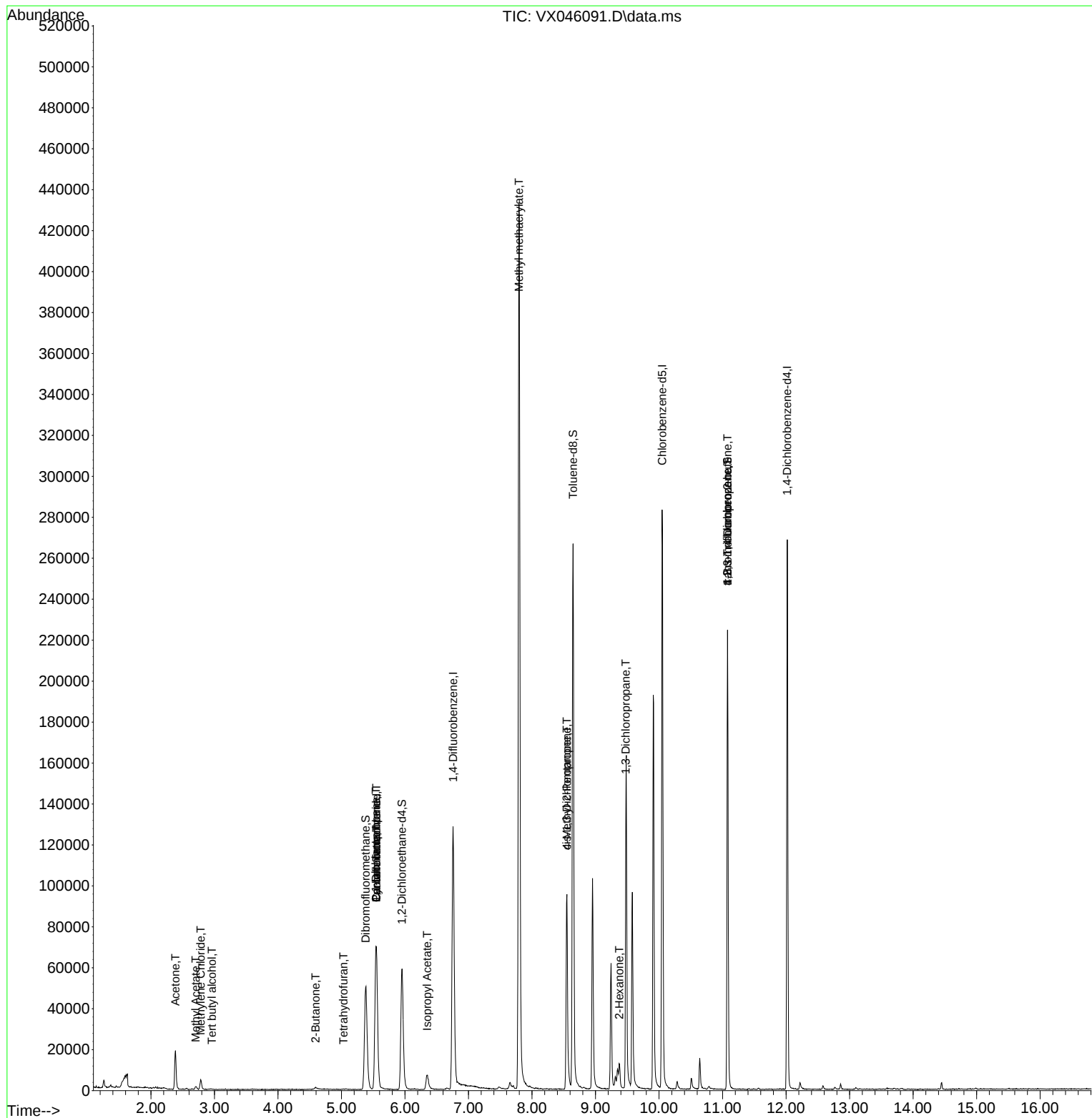
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.959	59	103	0.641	ug/l #	72
16) Acetone	2.386	43	20743	45.199	ug/l	99
18) Methyl Acetate	2.703	43	1935	1.817	ug/l	98
20) Methylene Chloride	2.782	84	2048	2.329	ug/l	89
25) 2-Butanone	4.593	43	2682	4.025	ug/l #	79
29) Tetrahydrofuran	5.032	42	111	0.266	ug/l #	35
31) Cyclohexane	5.550	56	1775	1.301	ug/l #	43
36) 1,1-Dichloropropene	5.544	75	6256	5.218	ug/l #	52
38) Carbon Tetrachloride	5.550	117	7557	5.610	ug/l #	17
43) Isopropyl Acetate	6.348	43	11556	5.114	ug/l	96
48) Methyl methacrylate	7.793	41	45034	39.022	ug/l #	49
51) 4-Methyl-2-Pentanone	8.549	43	38236	25.491	ug/l #	51
54) cis-1,3-Dichloropropene	8.549	75	14956	11.223	ug/l #	61
57) 1,3-Dichloropropane	9.476	76	1119	0.734	ug/l #	42
59) 2-Hexanone	9.372	43	10996	9.909	ug/l #	28
76) 1,2,3-Trichloropropane	11.079	75	34392	28.908	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	34392	94.115	ug/l #	1

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

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Quant Time: May 09 01:57:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

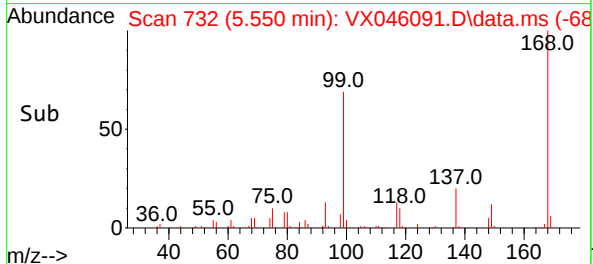
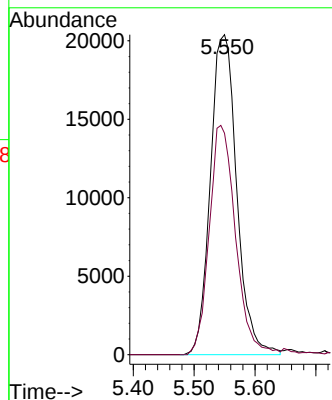
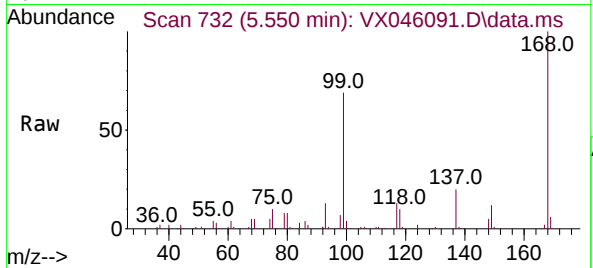




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046091.D
Acq: 08 May 2025 15:15

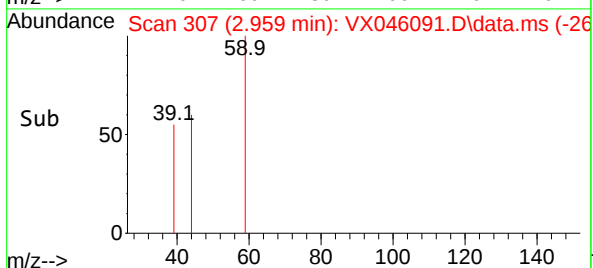
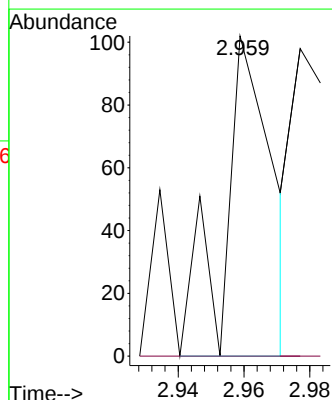
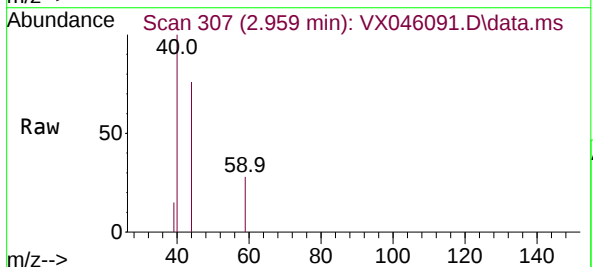
Instrument :
MSVOA_X
ClientSampleId :
WC-B-10

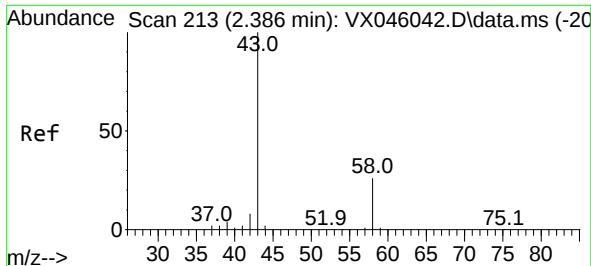
Tgt Ion:168 Resp: 61395
Ion Ratio Lower Upper
168 100
99 69.2 54.9 82.3



#11
Tert butyl alcohol
Concen: 0.641 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.018 min
Lab File: VX046091.D
Acq: 08 May 2025 15:15

Tgt Ion: 59 Resp: 103
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#

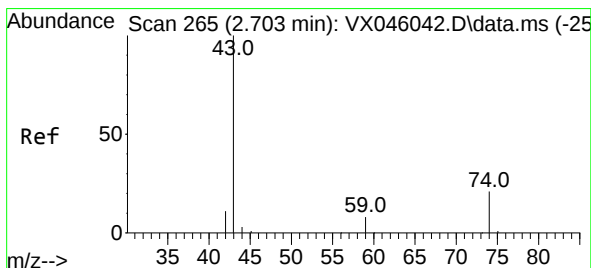
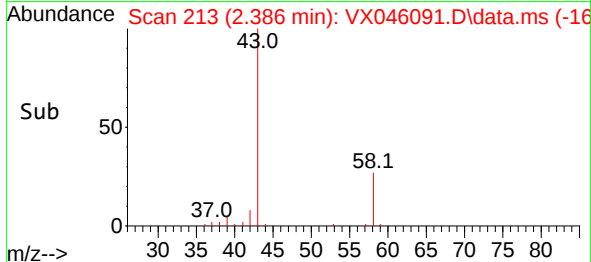
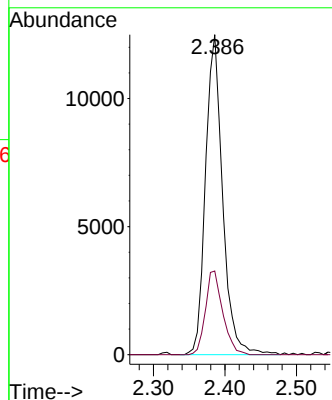
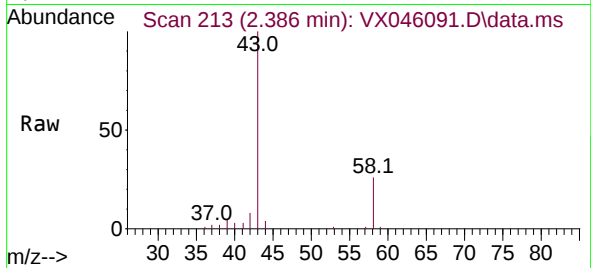




#16
Acetone
Concen: 45.199 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046091.D
Acq: 08 May 2025 15:15

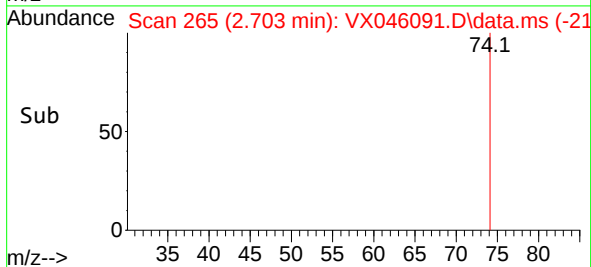
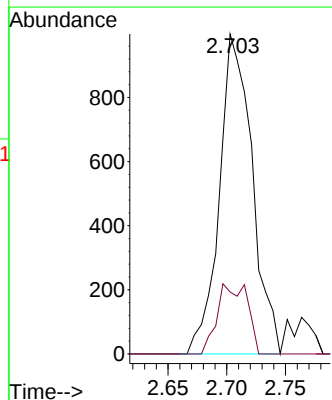
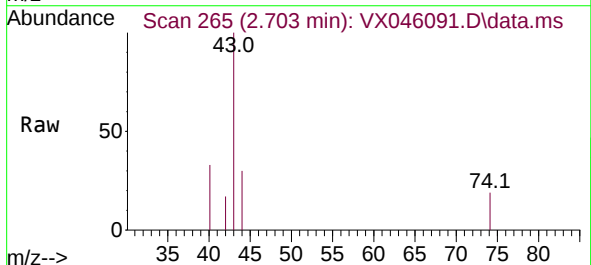
Instrument :
MSVOA_X
ClientSampleId :
WC-B-10

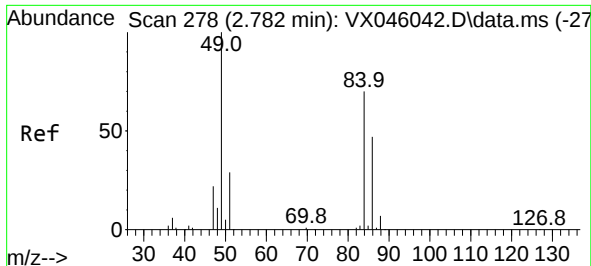
Tgt Ion: 43 Resp: 20743
Ion Ratio Lower Upper
43 100
58 26.2 21.2 31.8



#18
Methyl Acetate
Concen: 1.817 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX046091.D
Acq: 08 May 2025 15:15

Tgt Ion: 43 Resp: 1935
Ion Ratio Lower Upper
43 100
74 20.1 16.7 25.1

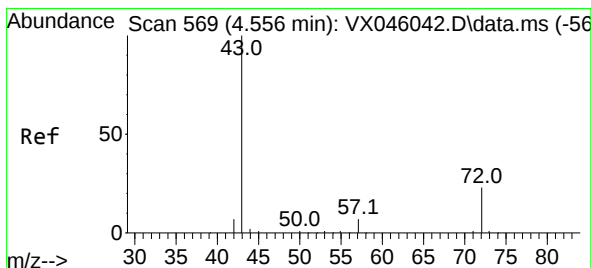
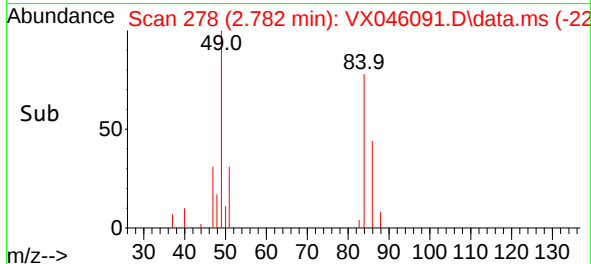
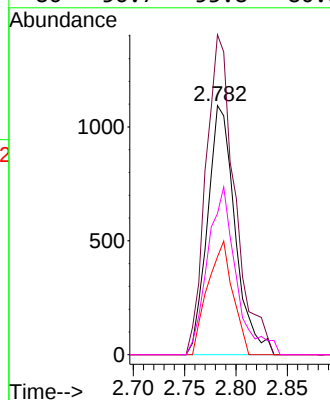
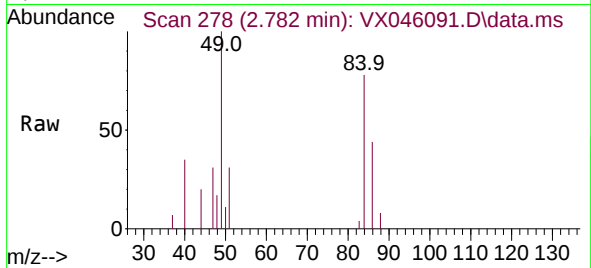




#20
Methylene Chloride
Concen: 2.329 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX046091.D
Acq: 08 May 2025 15:15

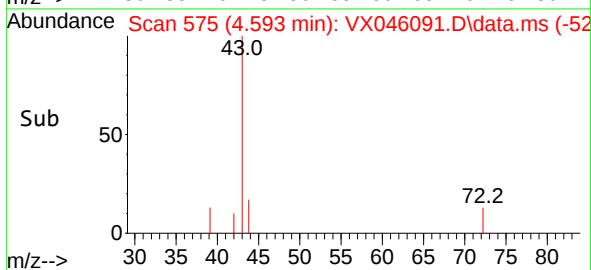
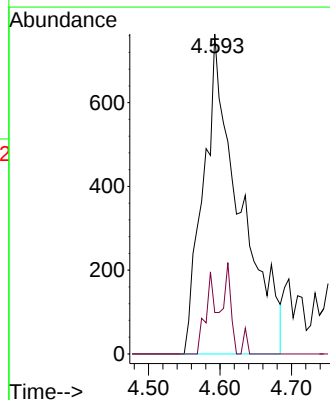
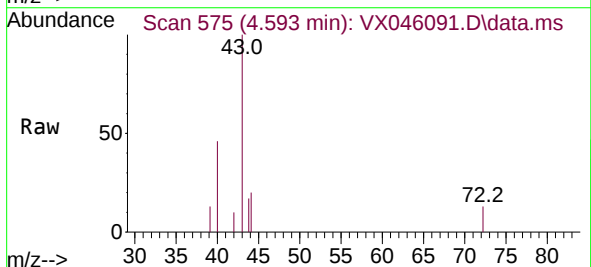
Instrument :
MSVOA_X
ClientSampleId :
WC-B-10

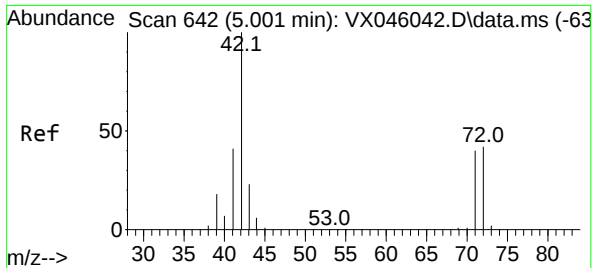
Tgt Ion:	84	Resp:	2048
Ion	Ratio	Lower	Upper
84	100		
49	128.4	113.9	170.9
51	39.2	33.5	50.3
86	56.7	53.8	80.8



#25
2-Butanone
Concen: 4.025 ug/l
RT: 4.593 min Scan# 575
Delta R.T. 0.037 min
Lab File: VX046091.D
Acq: 08 May 2025 15:15

Tgt Ion:	43	Resp:	2682
Ion	Ratio	Lower	Upper
43	100		
72	13.0	18.4	27.6#





#29

Tetrahydrofuran

Concen: 0.266 ug/l

RT: 5.032 min Scan# 64

Delta R.T. 0.030 min

Lab File: VX046091.D

Acq: 08 May 2025 15:15

Instrument :

MSVOA_X

ClientSampleId :

WC-B-10

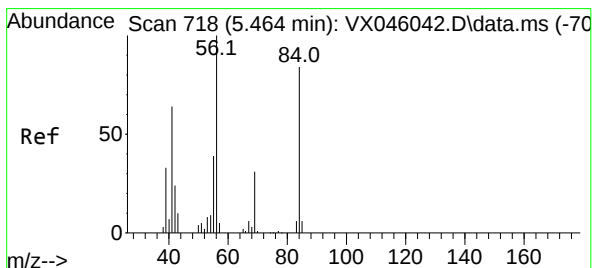
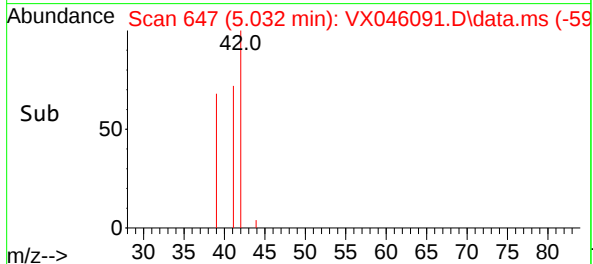
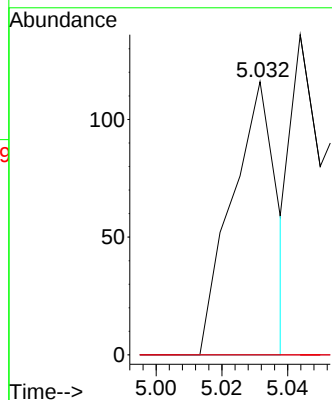
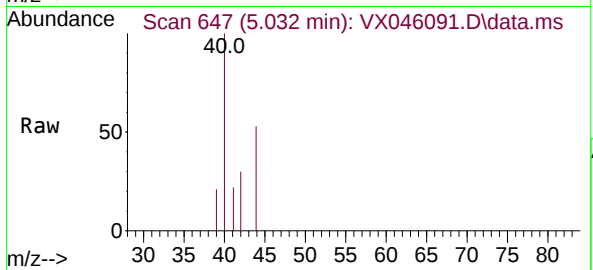
Tgt Ion: 42 Resp: 111

Ion Ratio Lower Upper

42 100

72 0.0 33.7 50.5#

71 0.0 31.4 47.2#



#31

Cyclohexane

Concen: 1.301 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.085 min

Lab File: VX046091.D

Acq: 08 May 2025 15:15

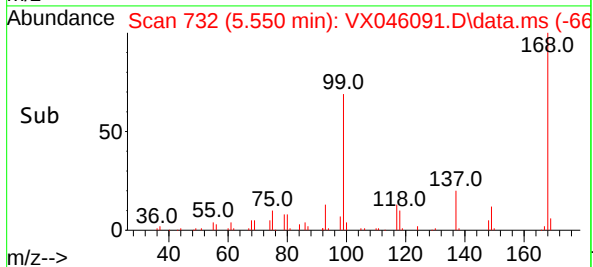
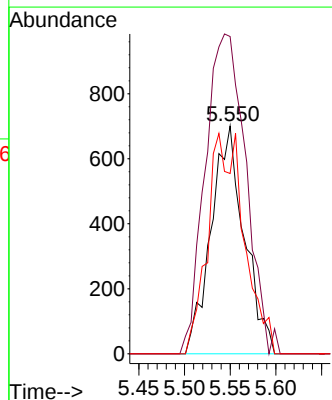
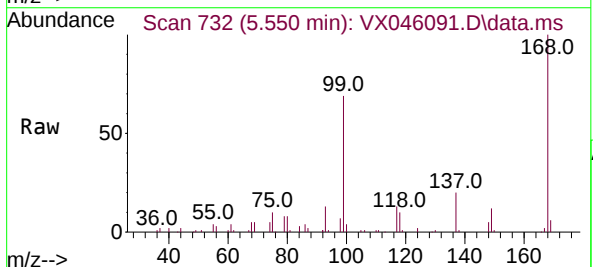
Tgt Ion: 56 Resp: 1775

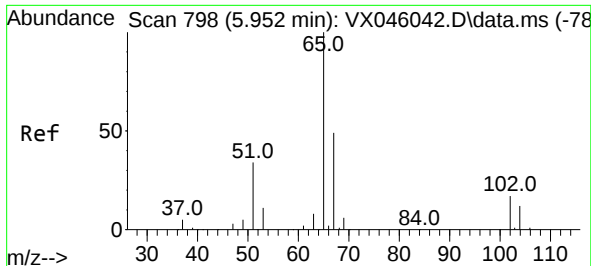
Ion Ratio Lower Upper

56 100

69 139.2 24.4 36.6#

84 79.2 66.9 100.3





#33

1,2-Dichloroethane-d4

Concen: 53.594 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX046091.D

Acq: 08 May 2025 15:15

Instrument :

MSVOA_X

ClientSampleId :

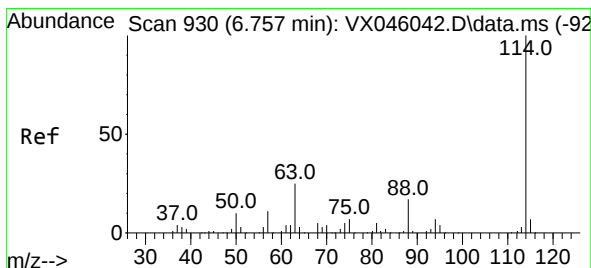
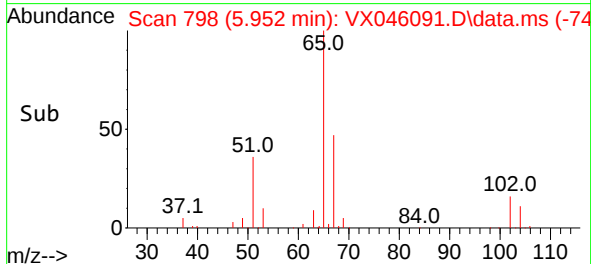
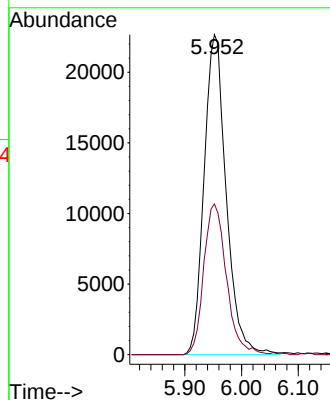
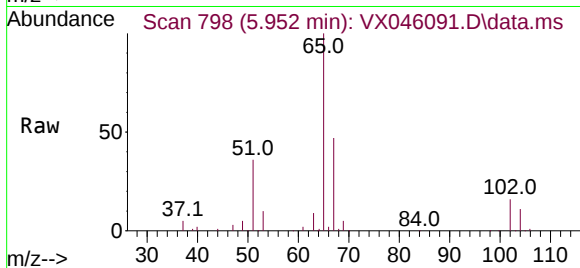
WC-B-10

Tgt Ion: 65 Resp: 61344

Ion Ratio Lower Upper

65 100

67 48.3 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX046091.D

Acq: 08 May 2025 15:15

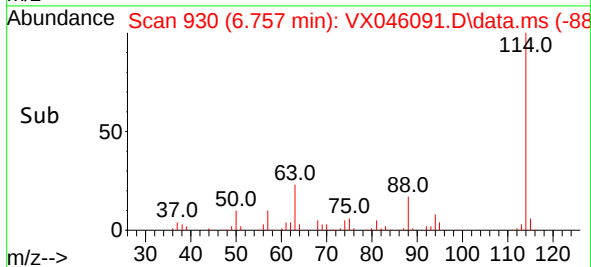
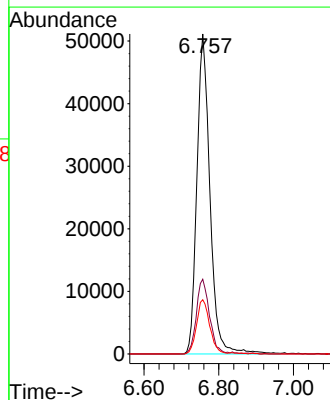
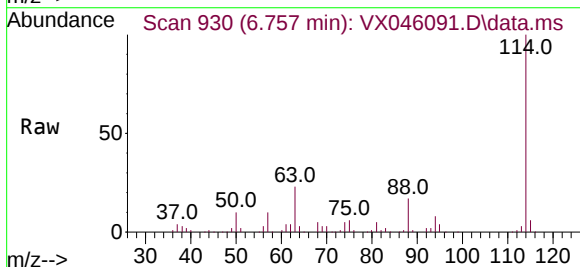
Tgt Ion: 114 Resp: 123914

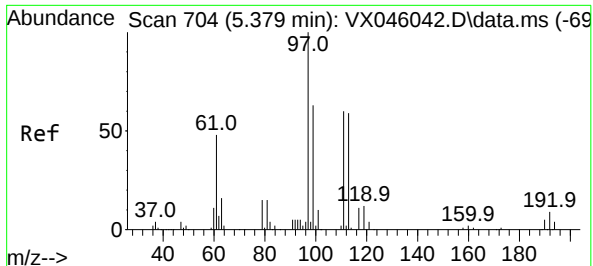
Ion Ratio Lower Upper

114 100

63 23.4 0.0 49.2

88 16.9 0.0 33.6

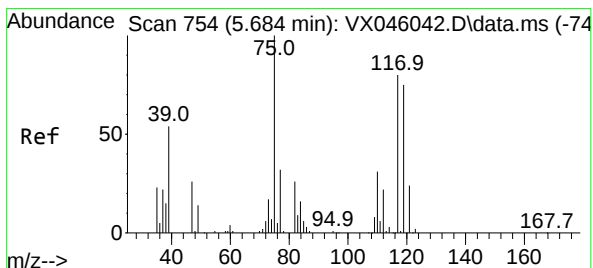
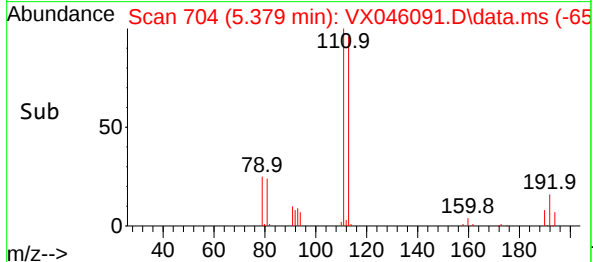
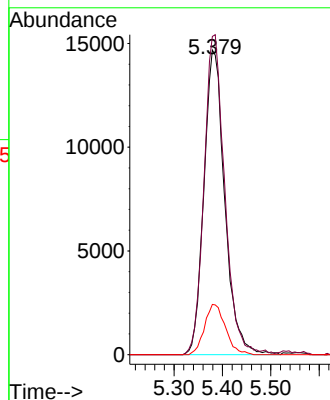
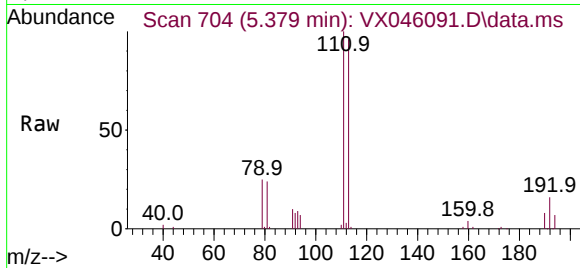




#35
Dibromofluoromethane
Concen: 49.259 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX046091.D
Acq: 08 May 2025 15:15

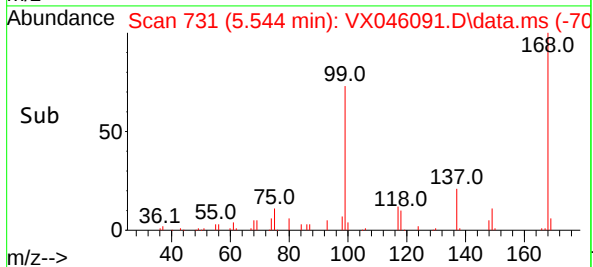
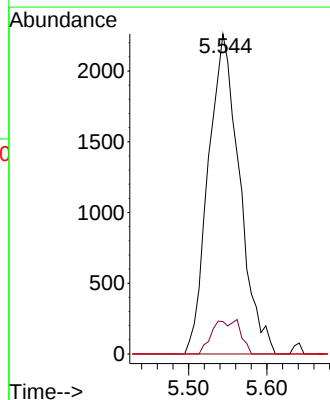
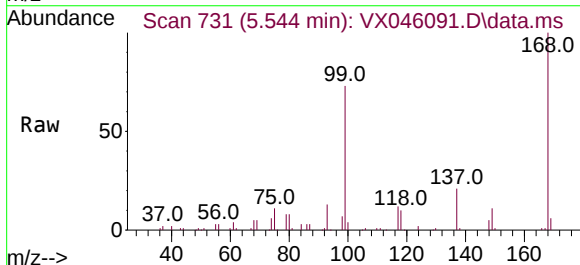
Instrument :
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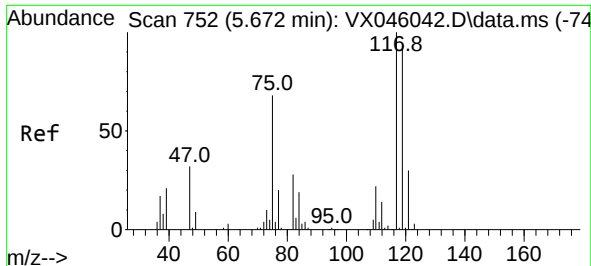
Tgt Ion:113 Resp: 43954
Ion Ratio Lower Upper
113 100
111 104.5 83.1 124.7
192 16.6 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.218 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.140 min
Lab File: VX046091.D
Acq: 08 May 2025 15:15

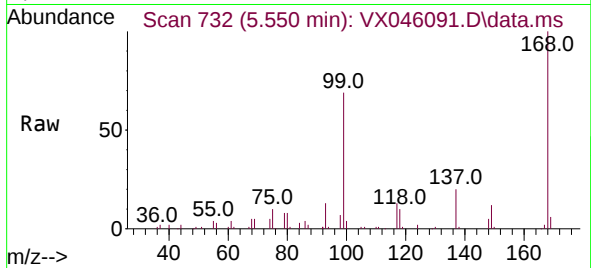
Tgt Ion: 75 Resp: 6256
Ion Ratio Lower Upper
75 100
110 9.6 16.3 48.9#
77 0.0 24.3 36.5#



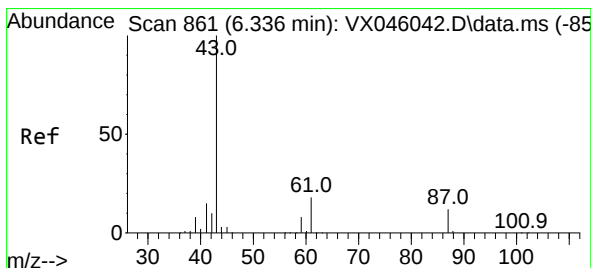
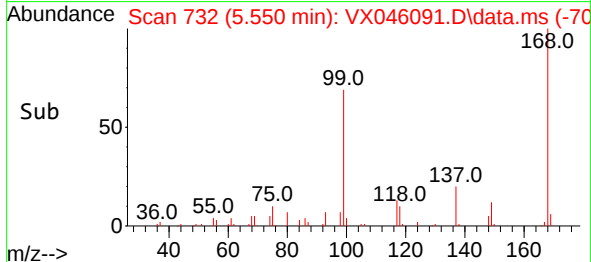
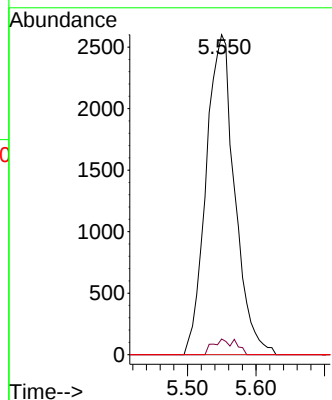


#38
Carbon Tetrachloride
Concen: 5.610 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX046091.D
Acq: 08 May 2025 15:15

Instrument :
MSVOA_X
ClientSampleId :
WC-B-10

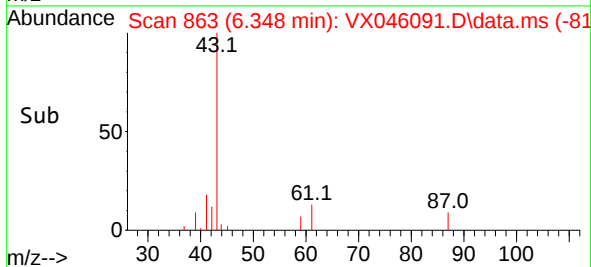
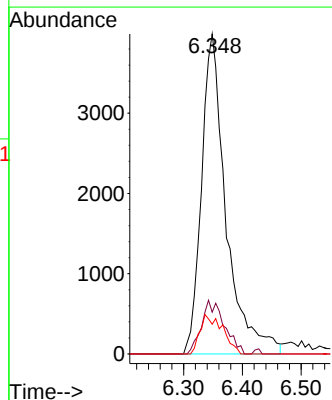
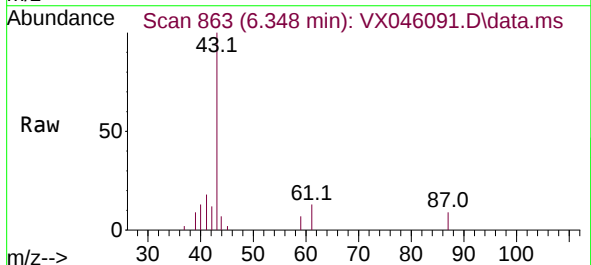


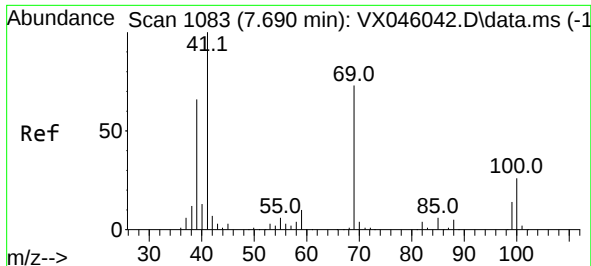
Tgt Ion:117 Resp: 7557
Ion Ratio Lower Upper
117 100
119 4.9 75.2 112.8#
121 0.0 24.2 36.4#



#43
Isopropyl Acetate
Concen: 5.114 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.012 min
Lab File: VX046091.D
Acq: 08 May 2025 15:15

Tgt Ion: 43 Resp: 11556
Ion Ratio Lower Upper
43 100
61 15.6 14.3 21.5
87 11.3 9.5 14.3





#48

Methyl methacrylate

Concen: 39.022 ug/l

RT: 7.793 min Scan# 1100

Delta R.T. 0.104 min

Lab File: VX046091.D

Acq: 08 May 2025 15:15

Instrument :

MSVOA_X

ClientSampleId :

WC-B-10

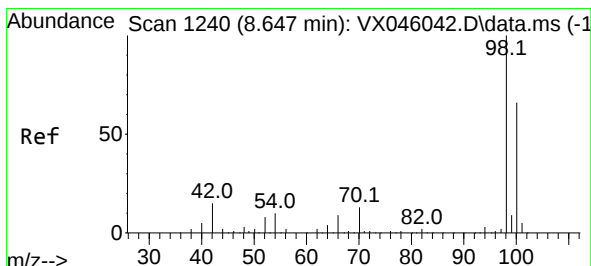
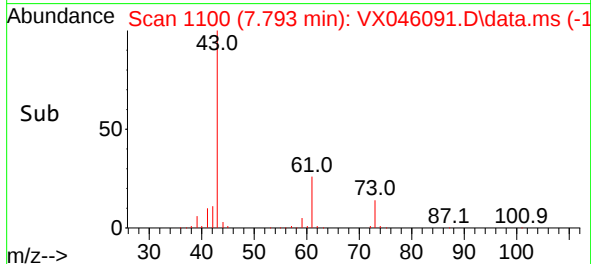
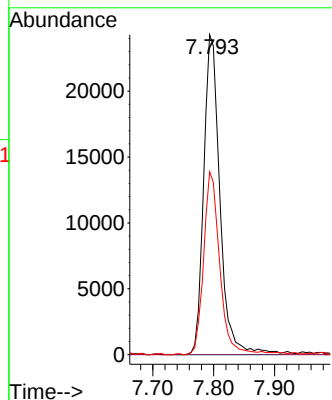
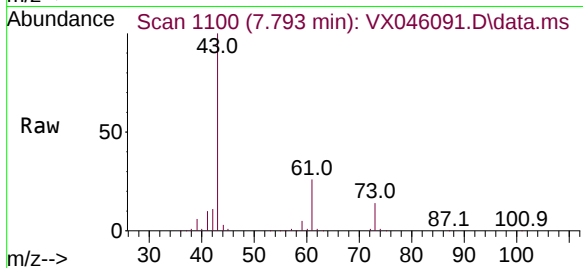
Tgt Ion: 41 Resp: 45034

Ion Ratio Lower Upper

41 100

69 0.0 58.5 87.7#

39 56.3 51.7 77.5



#50

Toluene-d8

Concen: 50.009 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX046091.D

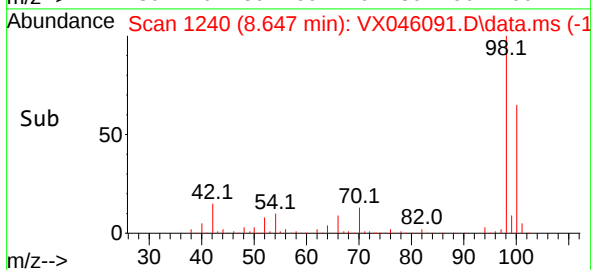
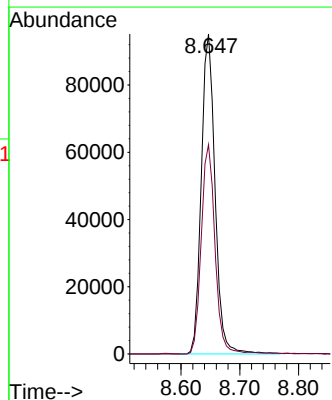
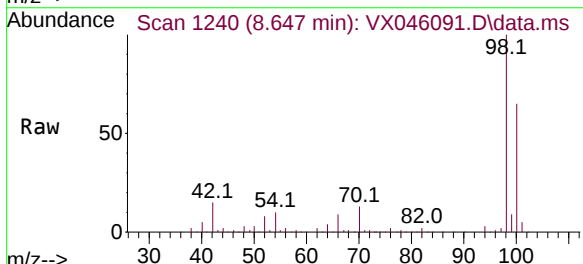
Acq: 08 May 2025 15:15

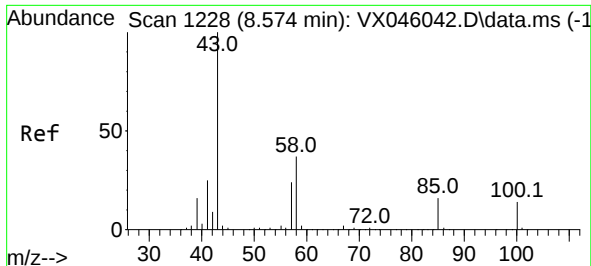
Tgt Ion: 98 Resp: 154448

Ion Ratio Lower Upper

98 100

100 65.8 53.5 80.3

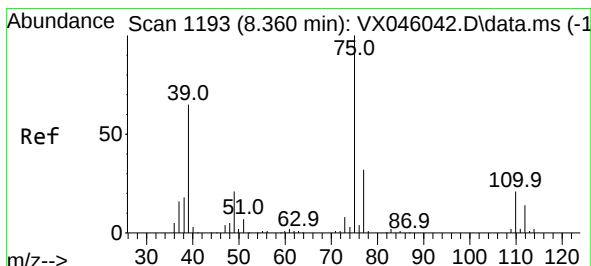
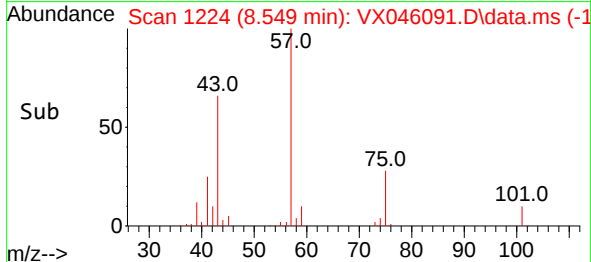
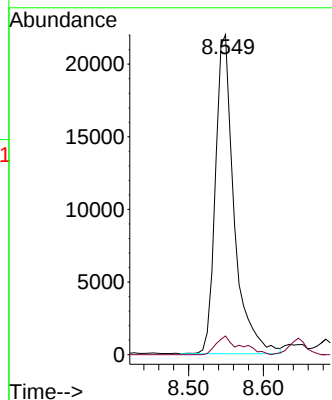
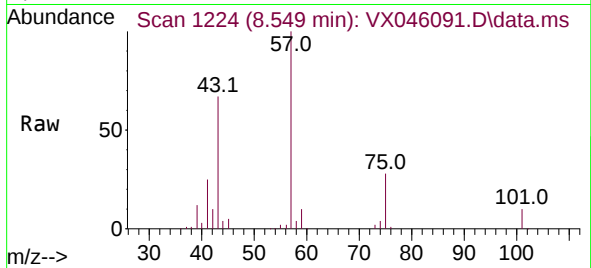




#51
4-Methyl-2-Pentanone
Concen: 25.491 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX046091.D
Acq: 08 May 2025 15:15

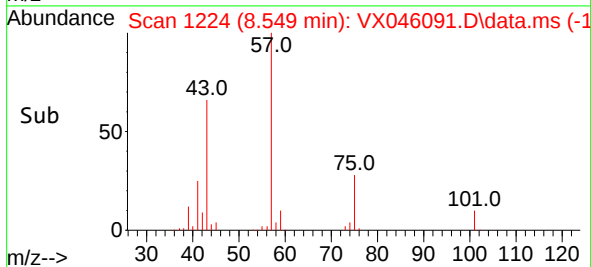
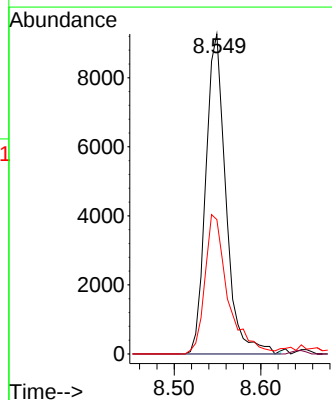
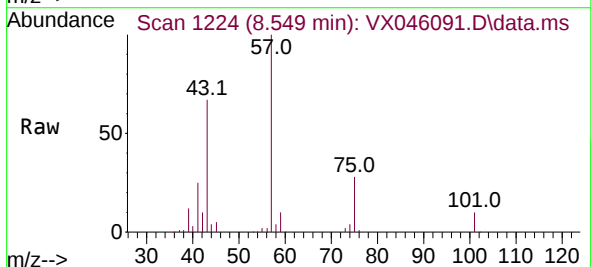
Instrument :
MSVOA_X
ClientSampleId :
WC-B-10

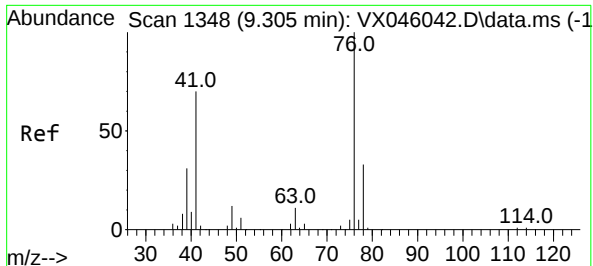
Tgt Ion: 43 Resp: 38236
Ion Ratio Lower Upper
43 100
58 7.5 28.9 43.3#



#54
cis-1,3-Dichloropropene
Concen: 11.223 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.189 min
Lab File: VX046091.D
Acq: 08 May 2025 15:15

Tgt Ion: 75 Resp: 14956
Ion Ratio Lower Upper
75 100
77 0.0 25.4 38.0#
39 42.0 52.2 78.4#

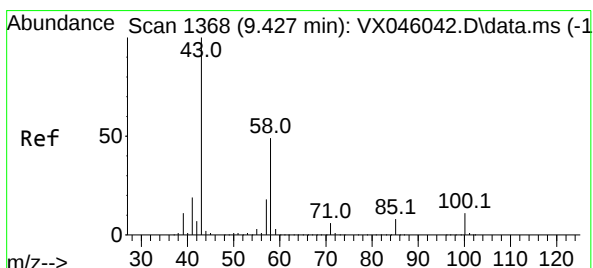
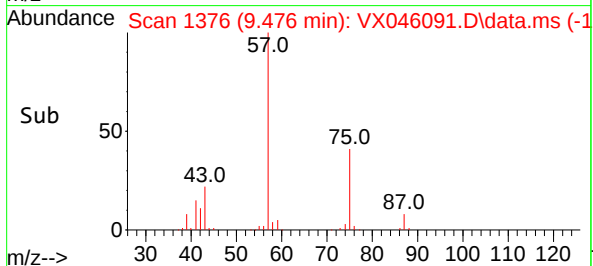
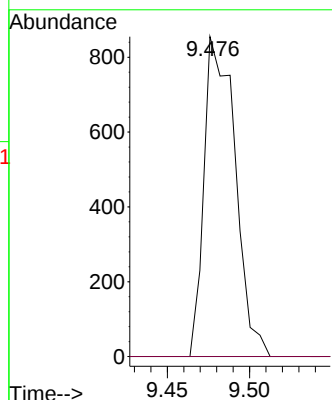
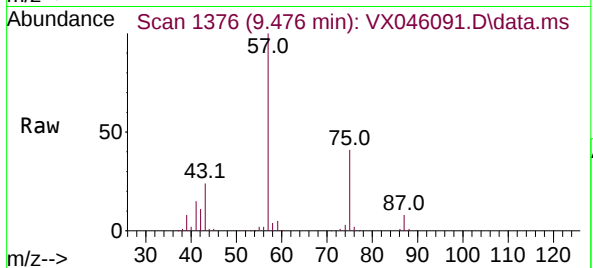




#57
1,3-Dichloropropane
Concen: 0.734 ug/l
RT: 9.476 min Scan# 1119
Delta R.T. 0.171 min
Lab File: VX046091.D
Acq: 08 May 2025 15:15

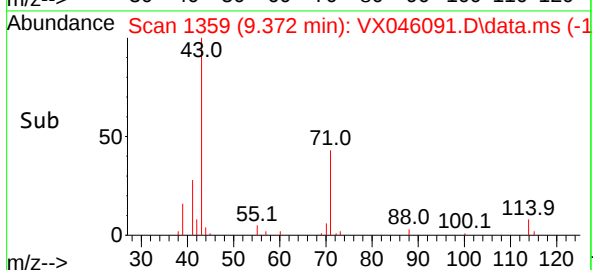
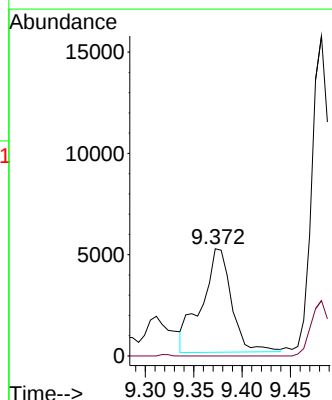
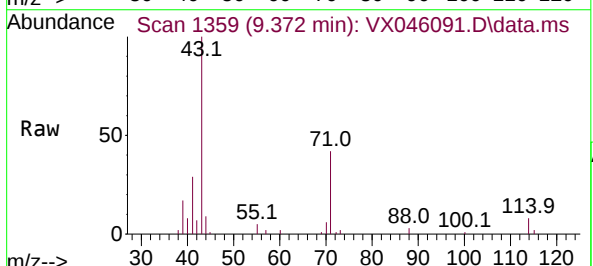
Instrument :
MSVOA_X
ClientSampleId :
WC-B-10

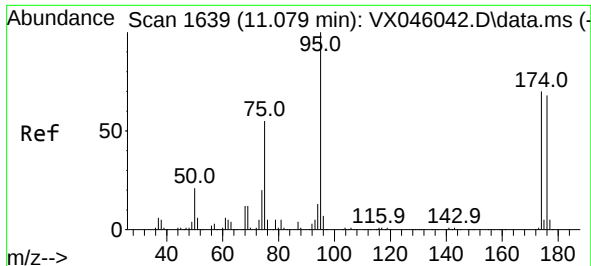
Tgt Ion: 76 Resp: 1119
Ion Ratio Lower Upper
76 100
78 0.0 26.3 39.5#



#59
2-Hexanone
Concen: 9.909 ug/l
RT: 9.372 min Scan# 1359
Delta R.T. -0.055 min
Lab File: VX046091.D
Acq: 08 May 2025 15:15

Tgt Ion: 43 Resp: 10996
Ion Ratio Lower Upper
43 100
58 0.0 24.9 74.6#

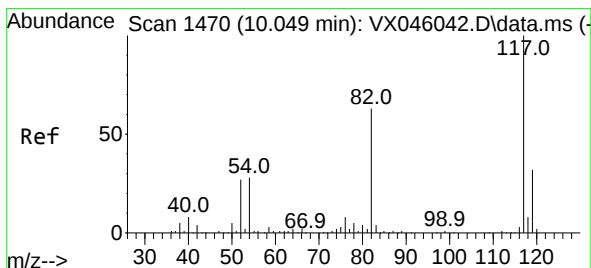
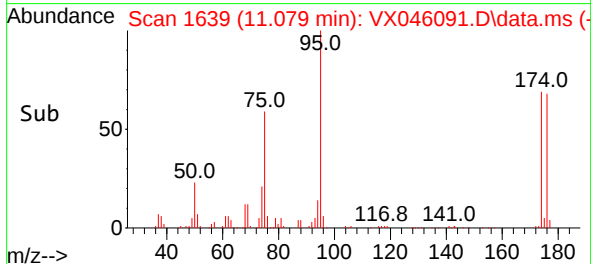
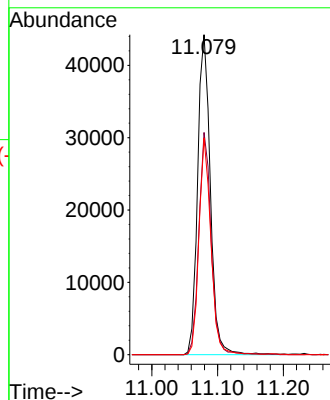
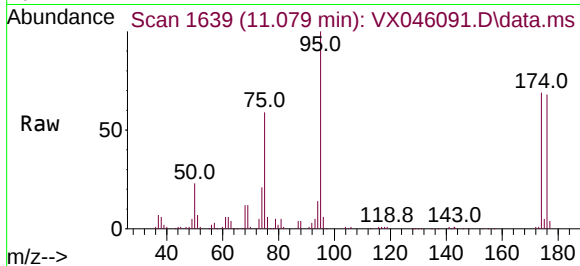




#62
4-Bromofluorobenzene
Concen: 50.157 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046091.D
Acq: 08 May 2025 15:15

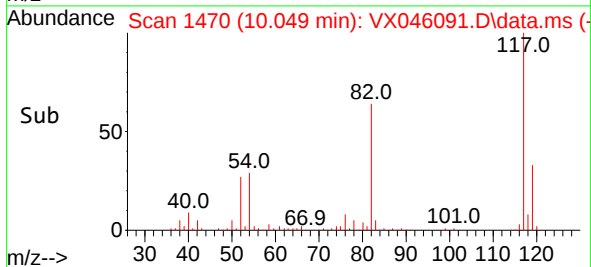
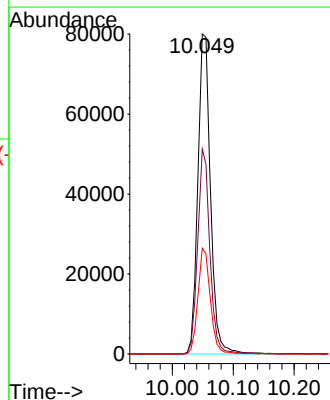
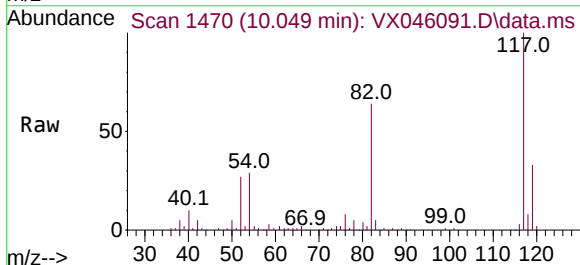
Instrument :
MSVOA_X
ClientSampleId :
WC-B-10

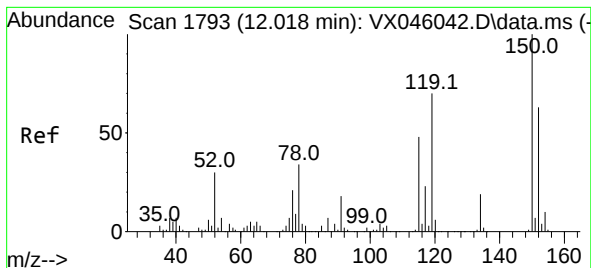
Tgt Ion: 95 Resp: 59419
Ion Ratio Lower Upper
95 100
174 67.4 0.0 135.8
176 63.8 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046091.D
Acq: 08 May 2025 15:15

Tgt Ion: 117 Resp: 115533
Ion Ratio Lower Upper
117 100
82 64.1 50.6 76.0
119 33.1 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX046091.D

Acq: 08 May 2025 15:15

Instrument :

MSVOA_X

ClientSampleId :

WC-B-10

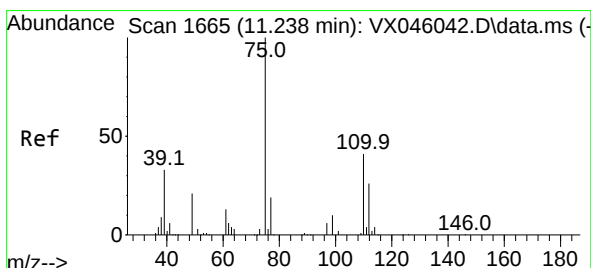
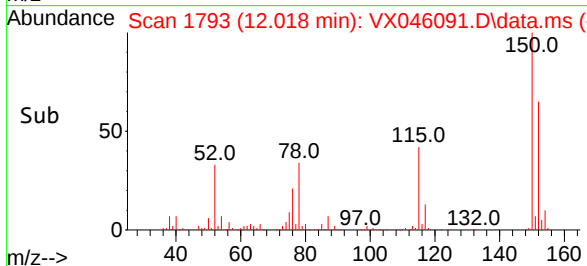
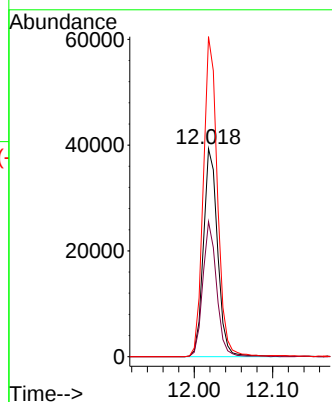
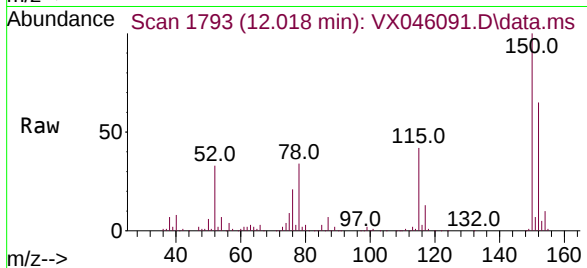
Tgt Ion:152 Resp: 49426

Ion Ratio Lower Upper

152 100

115 63.1 46.9 140.7

150 152.9 0.0 351.0



#76

1,2,3-Trichloropropane

Concen: 28.908 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX046091.D

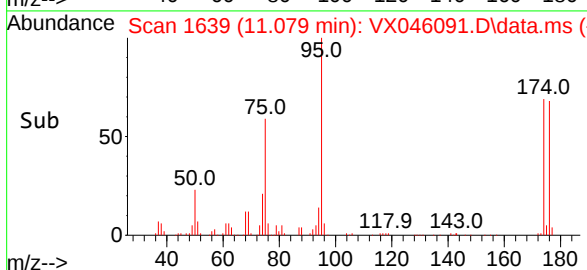
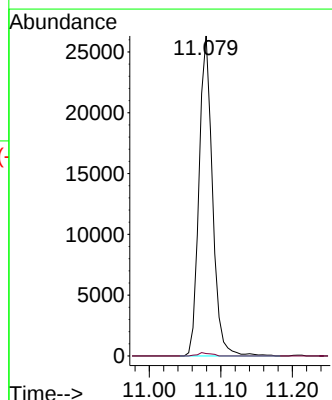
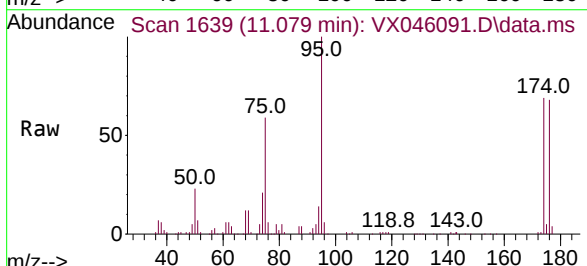
Acq: 08 May 2025 15:15

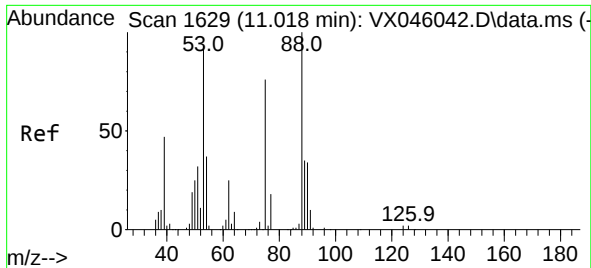
Tgt Ion: 75 Resp: 34392

Ion Ratio Lower Upper

75 100

77 1.0 20.5 61.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 94.115 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX046091.D
 Acq: 08 May 2025 15:15

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-B-10

Tgt Ion: 75 Resp: 34392
 Ion Ratio Lower Upper
 75 100
 53 0.0 100.5 150.7#
 89 0.0 37.0 55.6#

