

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043025\
 Data File : VX046007.D
 Acq On : 30 Apr 2025 18:47
 Operator : JC/MD
 Sample : Q1913-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-13-S-202504

Quant Time: May 01 03:39:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

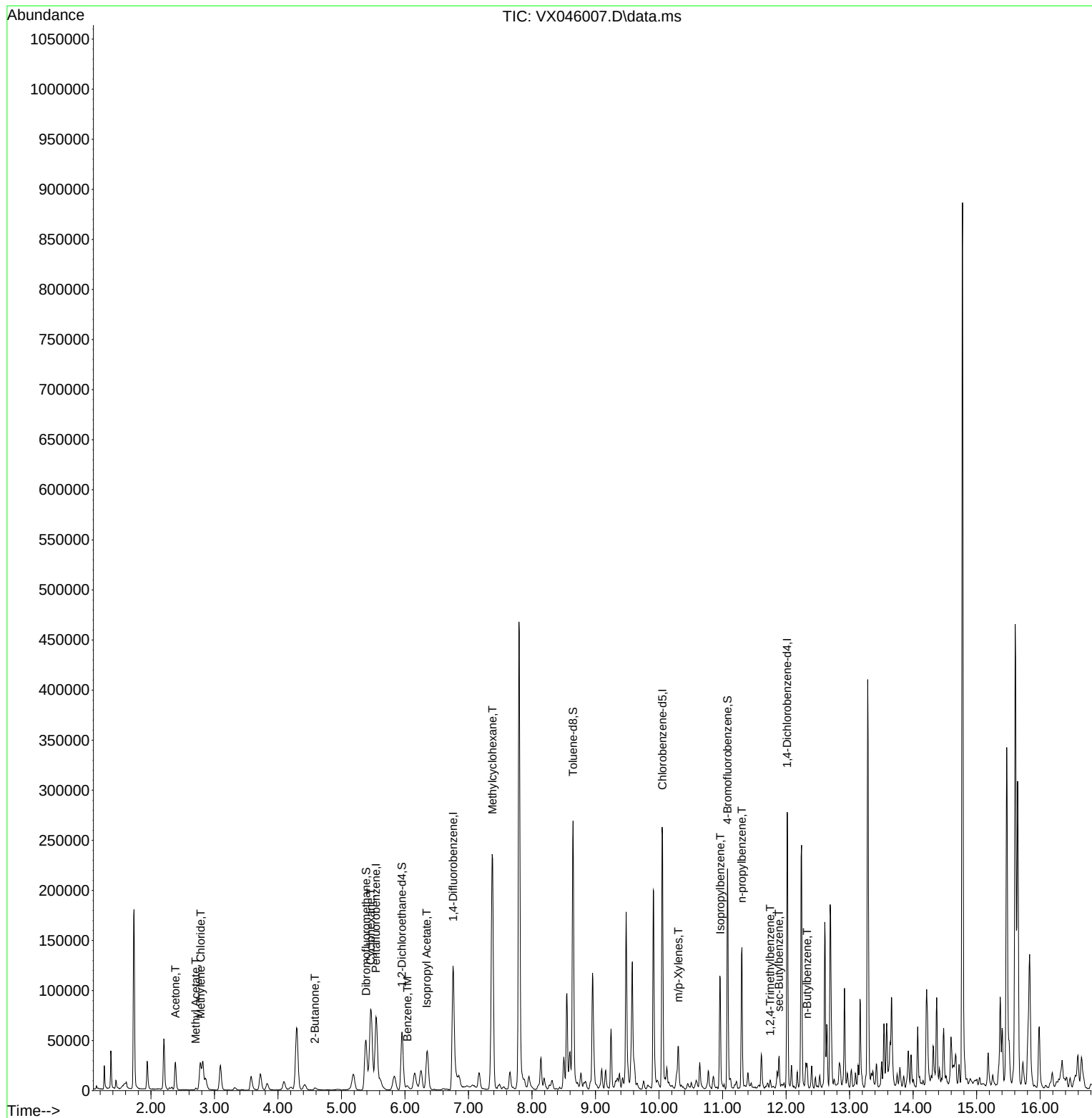
Internal Standards						
1) Pentafluorobenzene	5.544	168	60625	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	119343	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	109935	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	50027	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	58976	53.195	ug/l	0.00
Spiked Amount 50.000	Range	74 - 125	Recovery	=	106.400%	
35) Dibromofluoromethane	5.385	113	43027	50.815	ug/l	0.00
Spiked Amount 50.000	Range	75 - 124	Recovery	=	101.620%	
50) Toluene-d8	8.647	98	146848	49.687	ug/l	0.00
Spiked Amount 50.000	Range	86 - 113	Recovery	=	99.380%	
62) 4-Bromofluorobenzene	11.079	95	58543	54.381	ug/l	0.00
Spiked Amount 50.000	Range	77 - 121	Recovery	=	108.760%	
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	30323	66.607	ug/l	99
18) Methyl Acetate	2.703	43	2290	2.185	ug/l	92
20) Methylene Chloride	2.782	84	6591	7.733	ug/l #	86
25) 2-Butanone	4.580	43	5032	7.551	ug/l	99
31) Cyclohexane	5.458	56	53601	39.412	ug/l	97
39) Methylcyclohexane	7.379	83	98925	70.589	ug/l	100
40) Benzene	6.037	78	4633	1.327	ug/l #	86
43) Isopropyl Acetate	6.342	43	13097	5.998	ug/l	97
68) m/p-Xylenes	10.305	106	7936	5.186	ug/l	94
73) Isopropylbenzene	10.963	105	57340	14.309	ug/l	100
78) n-propylbenzene	11.305	91	84560	18.320	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	3840	1.155	ug/l	82
85) sec-Butylbenzene	11.890	105	15779	3.916	ug/l	81
89) n-Butylbenzene	12.329	91	10715	3.720	ug/l #	81

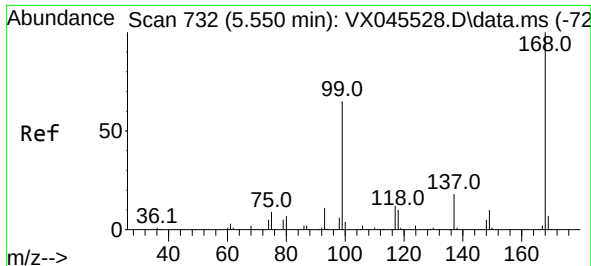
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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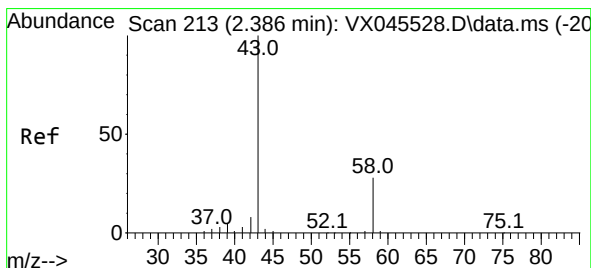
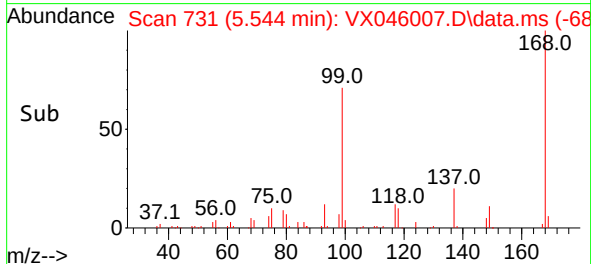
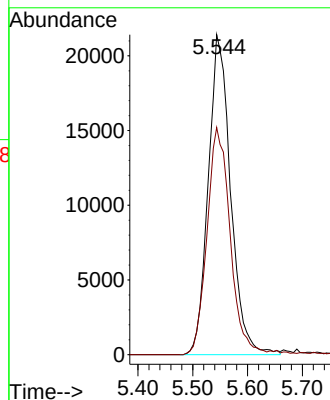
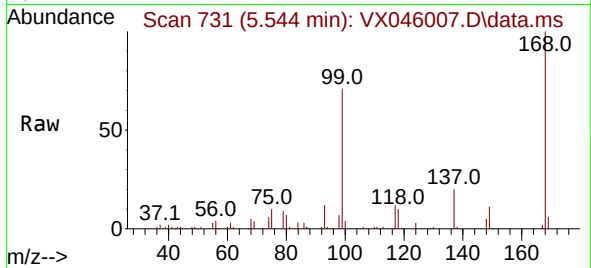




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.006 min
Lab File: VX046007.D
Acq: 30 Apr 2025 18:47

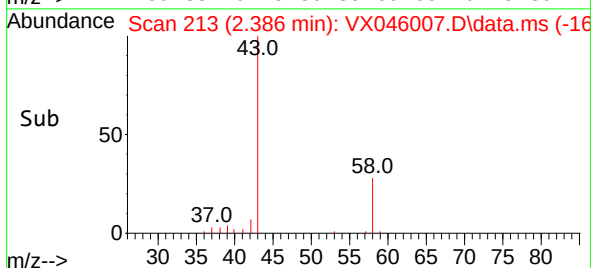
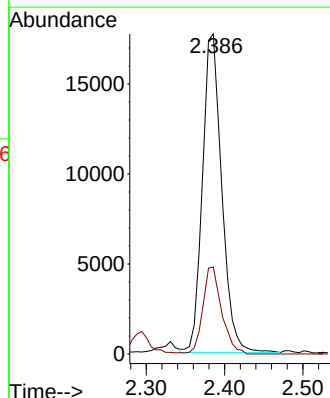
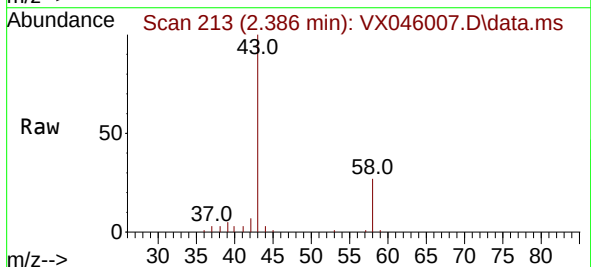
Instrument :
MSVOA_X
ClientSampleId :
WC-13-S-202504

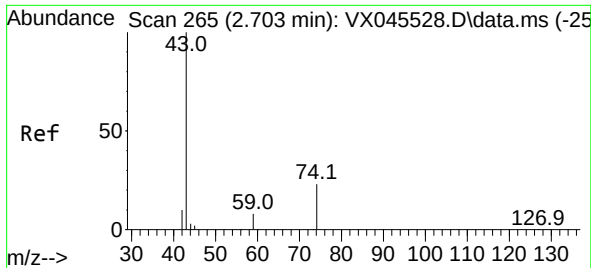
Tgt Ion:168 Resp: 60625
Ion Ratio Lower Upper
168 100
99 71.0 52.3 78.5



#16
Acetone
Concen: 66.607 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046007.D
Acq: 30 Apr 2025 18:47

Tgt Ion: 43 Resp: 30323
Ion Ratio Lower Upper
43 100
58 27.3 22.3 33.5

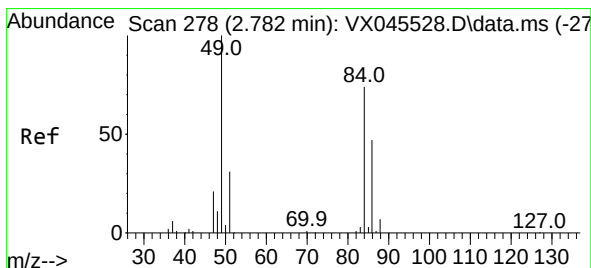
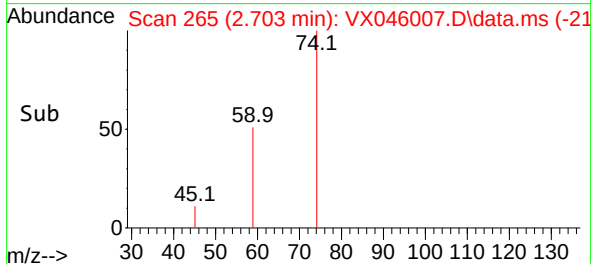
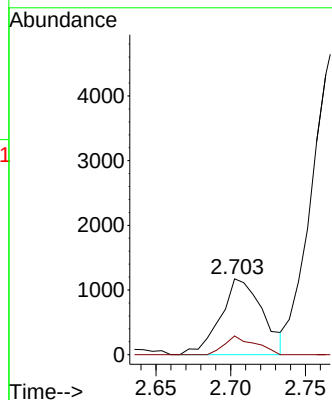
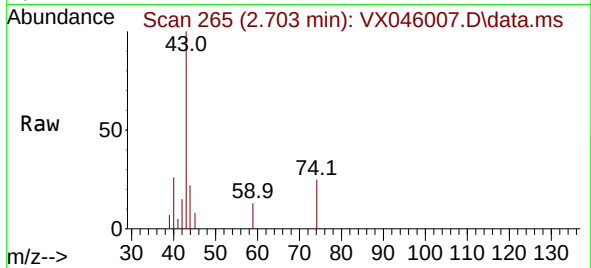




#18
Methyl Acetate
Concen: 2.185 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX046007.D
Acq: 30 Apr 2025 18:47

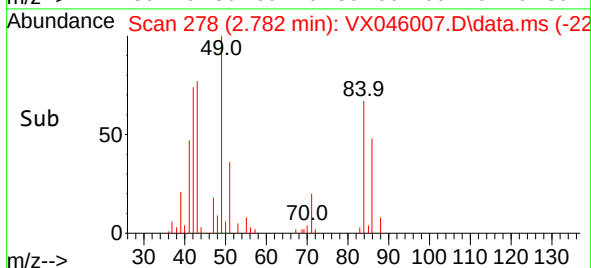
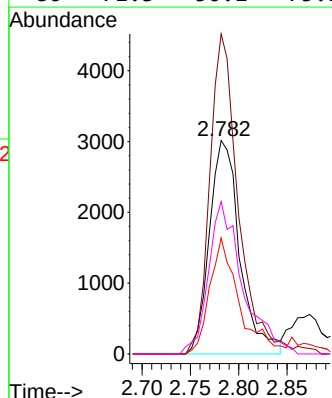
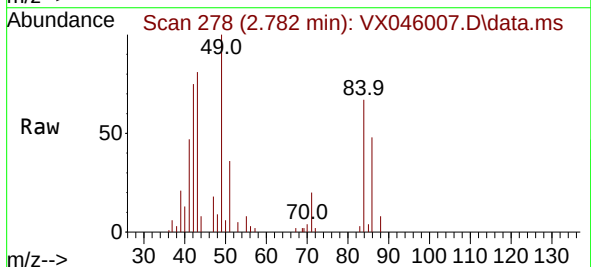
Instrument :
MSVOA_X
ClientSampleId :
WC-13-S-202504

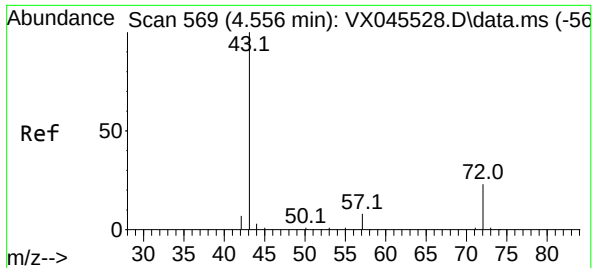
Tgt Ion: 43 Resp: 2290
Ion Ratio Lower Upper
43 100
74 18.1 17.5 26.3



#20
Methylene Chloride
Concen: 7.733 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX046007.D
Acq: 30 Apr 2025 18:47

Tgt Ion: 84 Resp: 6591
Ion Ratio Lower Upper
84 100
49 149.9 107.5 161.3
51 54.2 33.0 49.6#
86 71.3 50.1 75.1

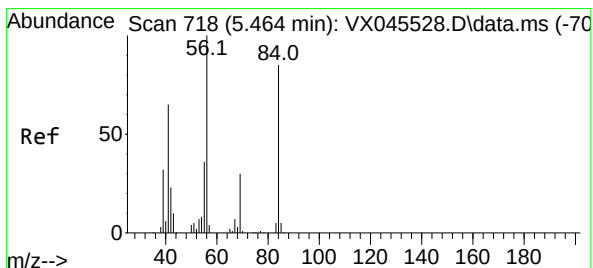
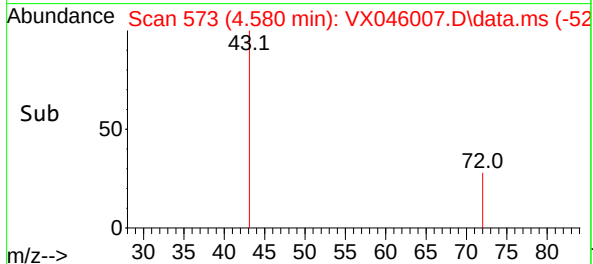
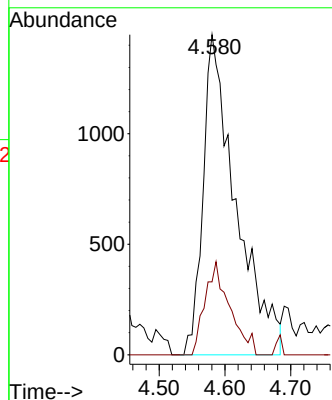
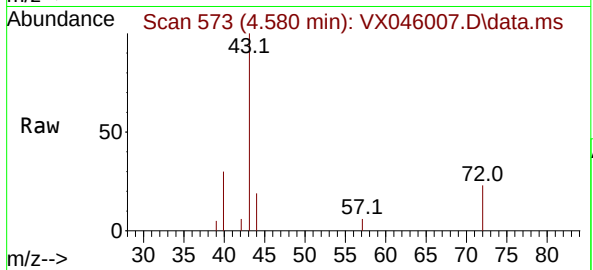




#25
2-Butanone
Concen: 7.551 ug/l
RT: 4.580 min Scan# 51
Delta R.T. 0.024 min
Lab File: VX046007.D
Acq: 30 Apr 2025 18:47

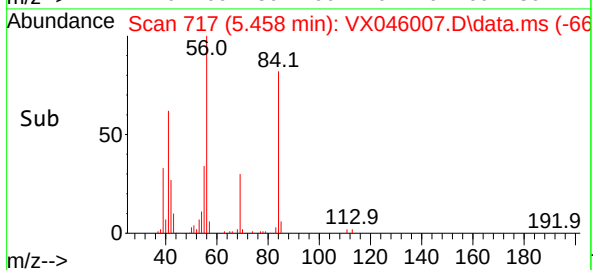
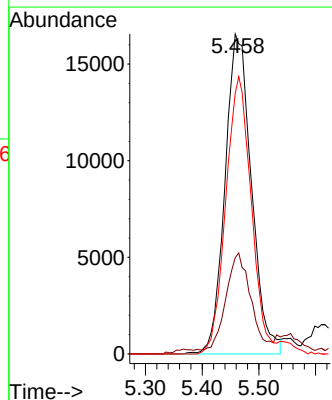
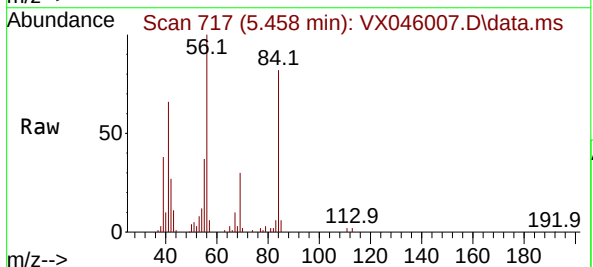
Instrument :
MSVOA_X
ClientSampleId :
WC-13-S-202504

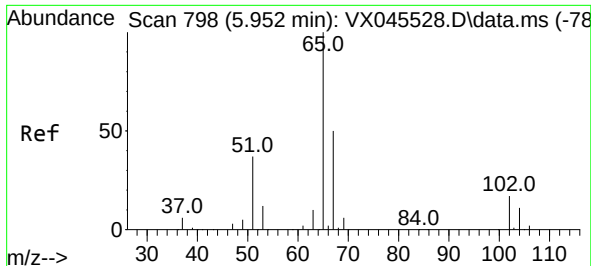
Tgt Ion: 43 Resp: 5032
Ion Ratio Lower Upper
43 100
72 22.8 18.6 28.0



#31
Cyclohexane
Concen: 39.412 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.006 min
Lab File: VX046007.D
Acq: 30 Apr 2025 18:47

Tgt Ion: 56 Resp: 53601
Ion Ratio Lower Upper
56 100
69 28.9 23.6 35.4
84 81.5 67.7 101.5





#33

1,2-Dichloroethane-d4

Concen: 53.195 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX046007.D

Acq: 30 Apr 2025 18:47

Instrument :

MSVOA_X

ClientSampleId :

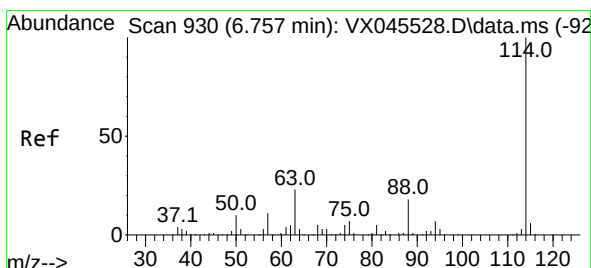
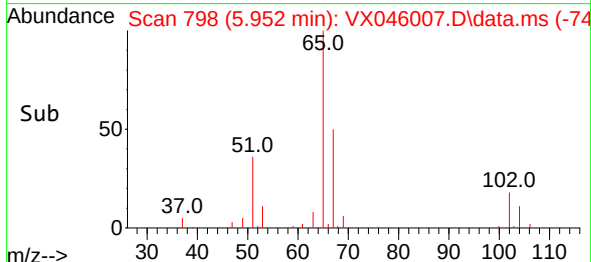
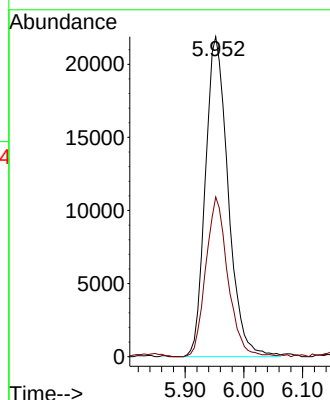
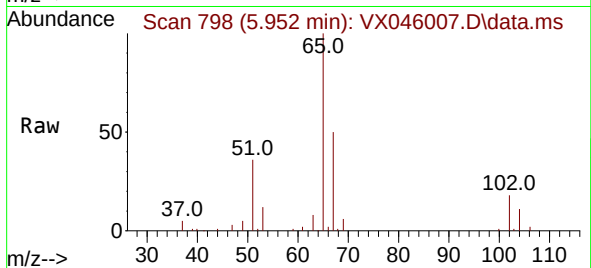
WC-13-S-202504

Tgt Ion: 65 Resp: 58976

Ion Ratio Lower Upper

65 100

67 48.4 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: VX046007.D

Acq: 30 Apr 2025 18:47

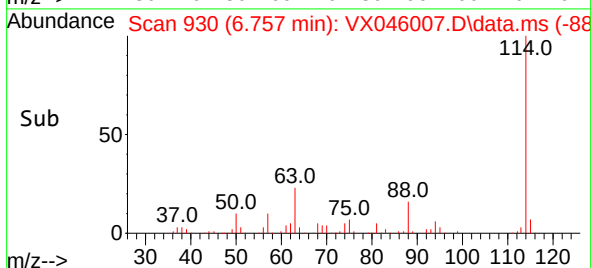
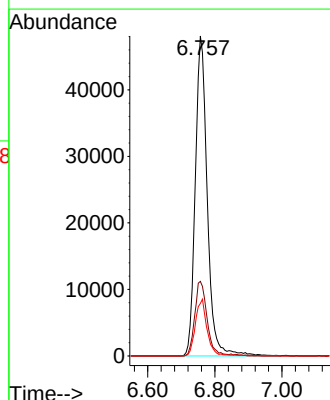
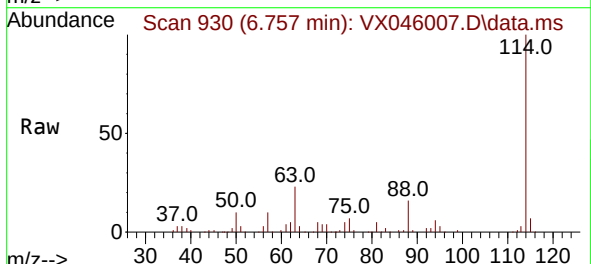
Tgt Ion: 114 Resp: 119343

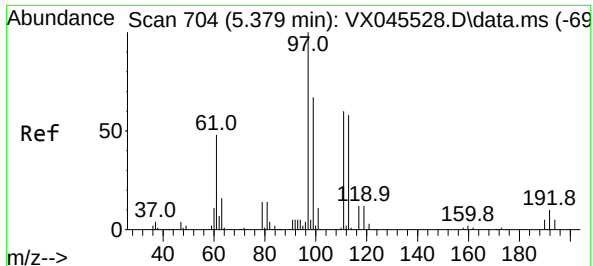
Ion Ratio Lower Upper

114 100

63 23.3 0.0 46.8

88 16.4 0.0 35.4





#35

Dibromofluoromethane

Concen: 50.815 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX046007.D

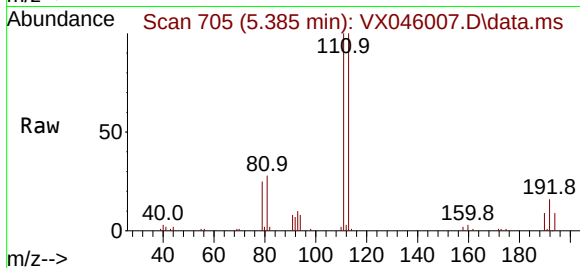
Acq: 30 Apr 2025 18:47

Instrument :

MSVOA_X

ClientSampleId :

WC-13-S-202504



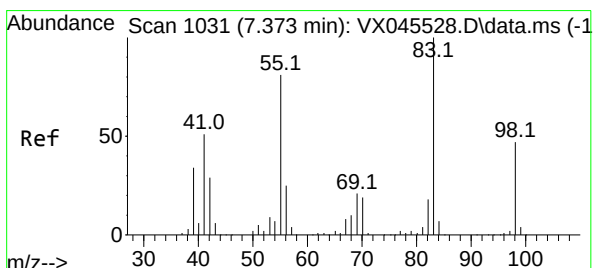
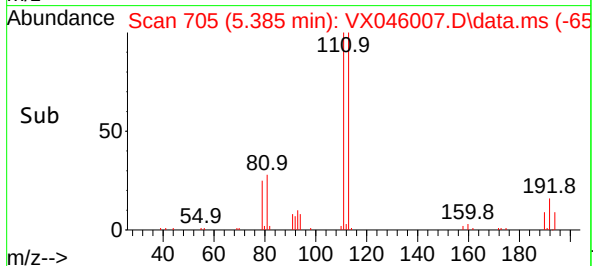
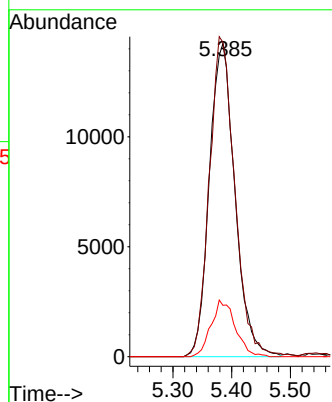
Tgt Ion:113 Resp: 43027

Ion Ratio Lower Upper

113 100

111 101.5 81.8 122.6

192 17.1 13.8 20.6



#39

Methylcyclohexane

Concen: 70.589 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.006 min

Lab File: VX046007.D

Acq: 30 Apr 2025 18:47

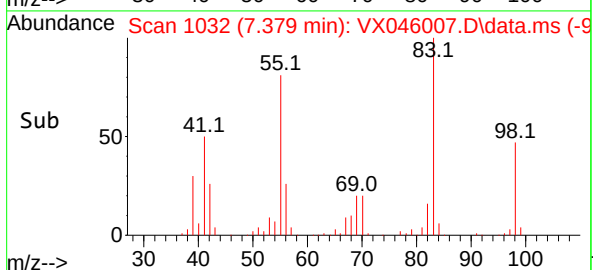
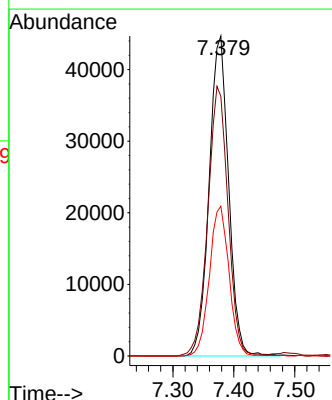
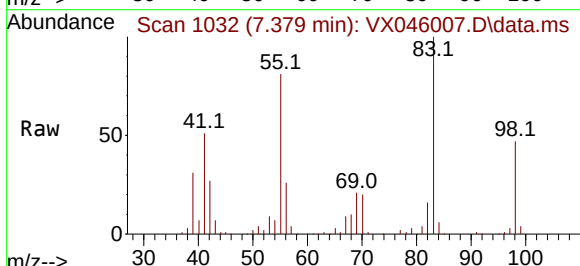
Tgt Ion: 83 Resp: 98925

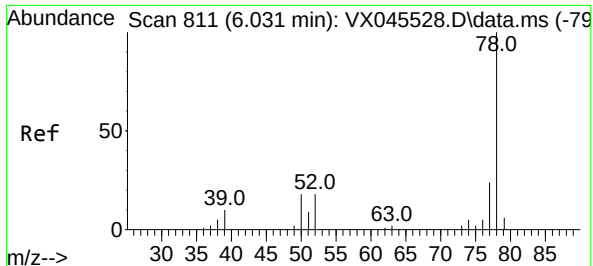
Ion Ratio Lower Upper

83 100

55 80.9 64.9 97.3

98 46.8 37.4 56.0

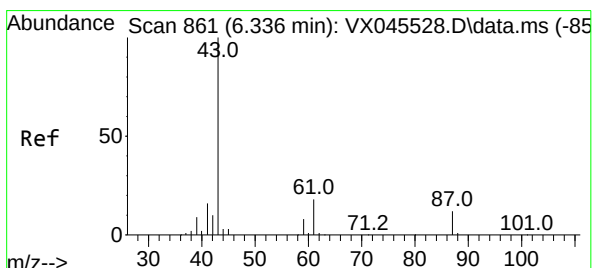
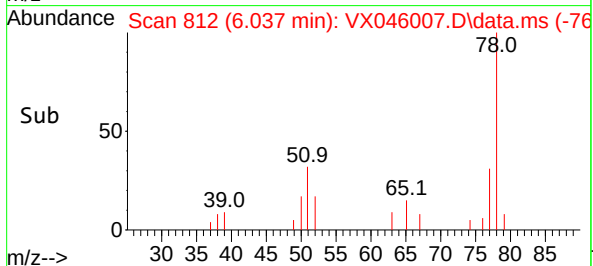
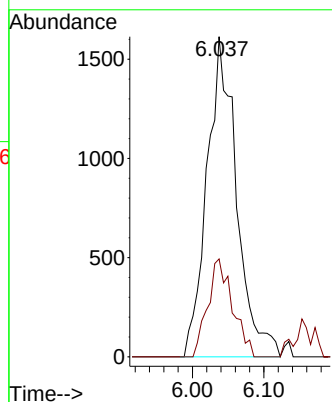
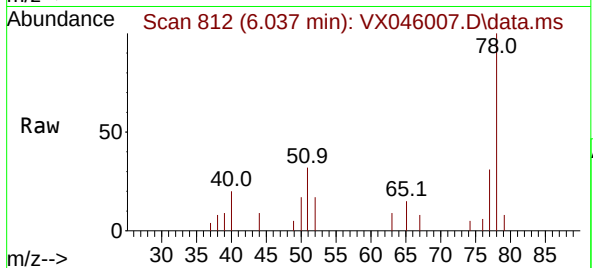




#40
Benzene
Concen: 1.327 ug/l
RT: 6.037 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX046007.D
Acq: 30 Apr 2025 18:47

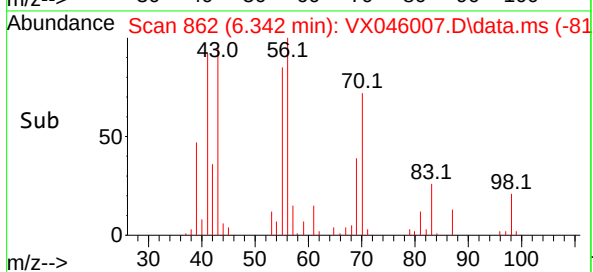
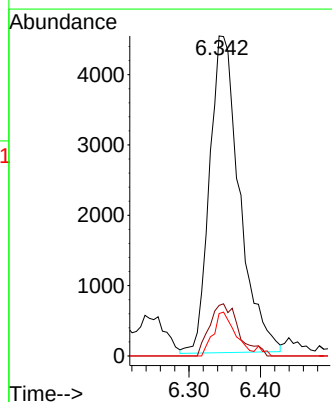
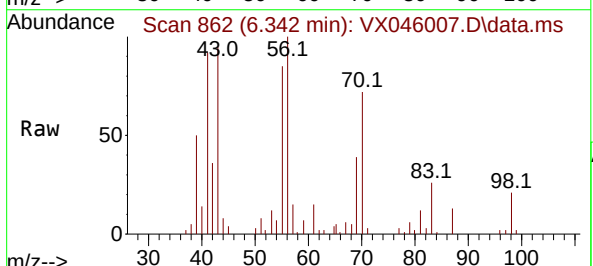
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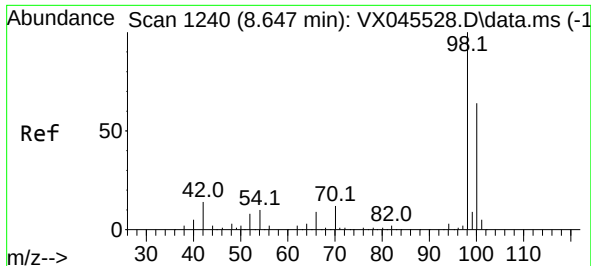
Tgt Ion: 78 Resp: 4633
Ion Ratio Lower Upper
78 100
77 30.5 19.0 28.6#



#43
Isopropyl Acetate
Concen: 5.998 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX046007.D
Acq: 30 Apr 2025 18:47

Tgt Ion: 43 Resp: 13097
Ion Ratio Lower Upper
43 100
61 16.1 14.1 21.1
87 10.2 9.2 13.8

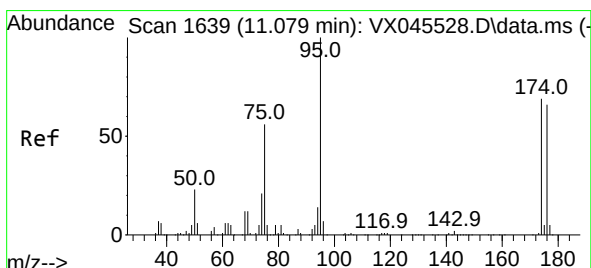
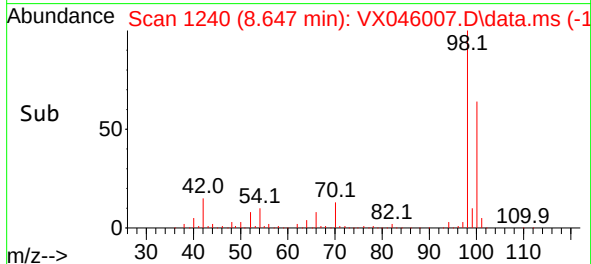
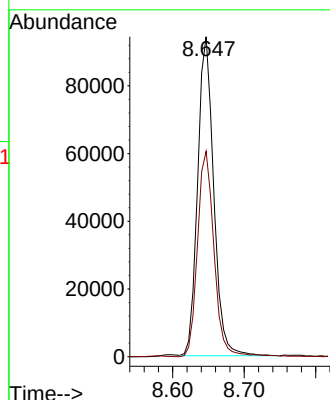
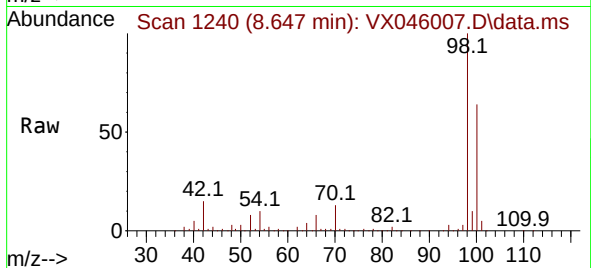




#50
Toluene-d8
Concen: 49.687 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046007.D
Acq: 30 Apr 2025 18:47

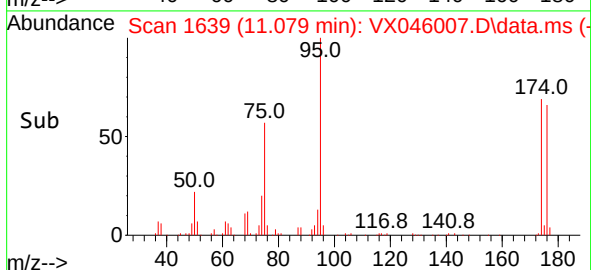
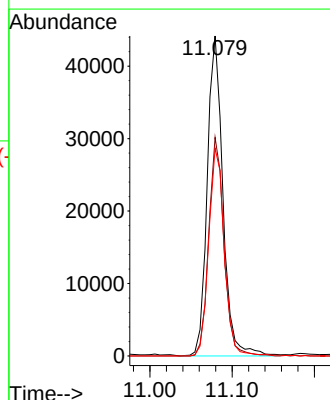
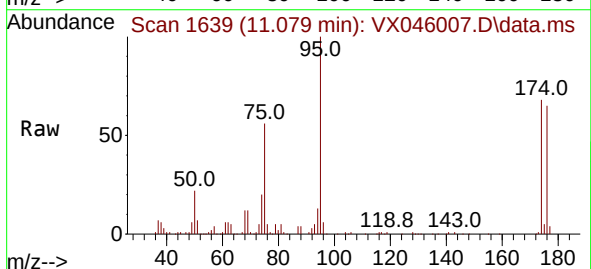
Instrument :
MSVOA_X
ClientSampleId :
WC-13-S-202504

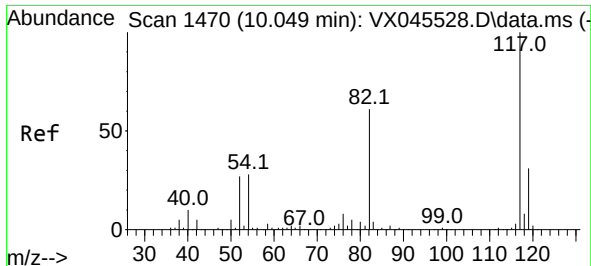
Tgt Ion: 98 Resp: 146848
Ion Ratio Lower Upper
98 100
100 66.6 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 54.381 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046007.D
Acq: 30 Apr 2025 18:47

Tgt Ion: 95 Resp: 58543
Ion Ratio Lower Upper
95 100
174 66.3 0.0 135.8
176 64.3 0.0 131.4

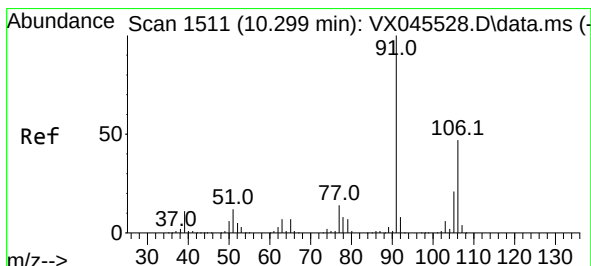
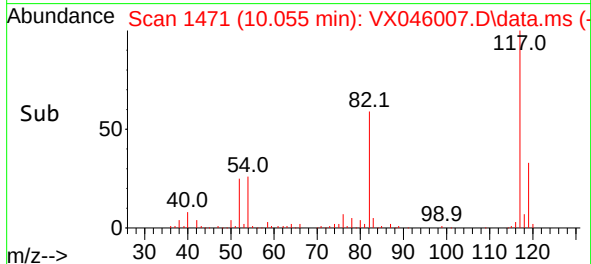
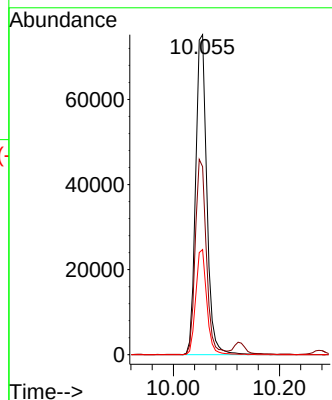
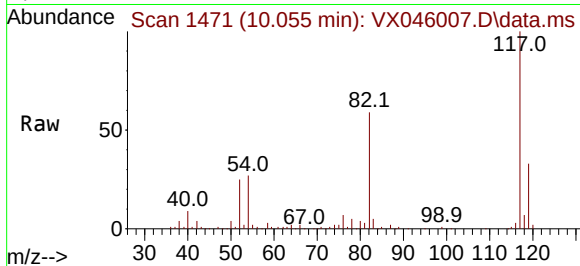




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX046007.D
Acq: 30 Apr 2025 18:47

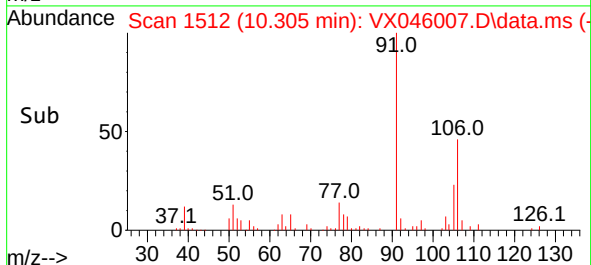
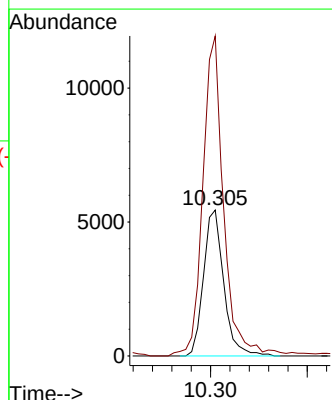
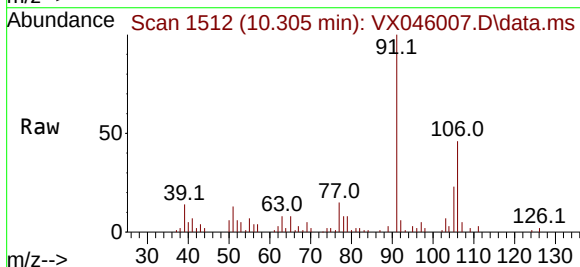
Instrument :
MSVOA_X
ClientSampleId :
WC-13-S-202504

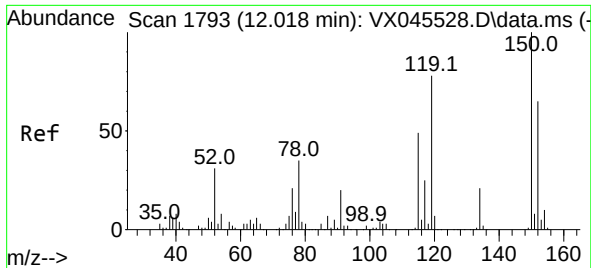
Tgt Ion:117 Resp: 109935
Ion Ratio Lower Upper
117 100
82 58.6 49.2 73.8
119 32.8 25.1 37.7



#68
m/p-Xylenes
Concen: 5.186 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX046007.D
Acq: 30 Apr 2025 18:47

Tgt Ion:106 Resp: 7936
Ion Ratio Lower Upper
106 100
91 224.7 172.6 258.8

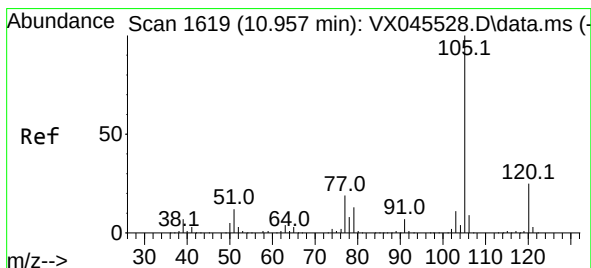
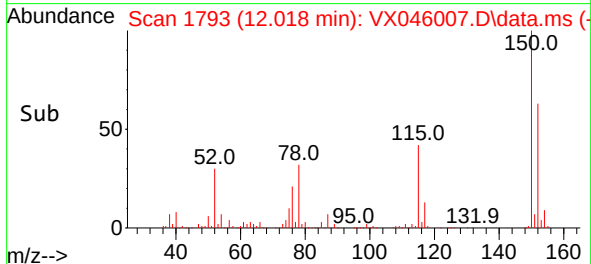
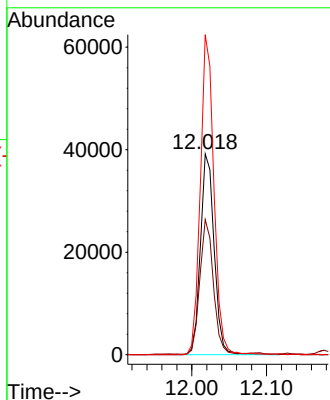
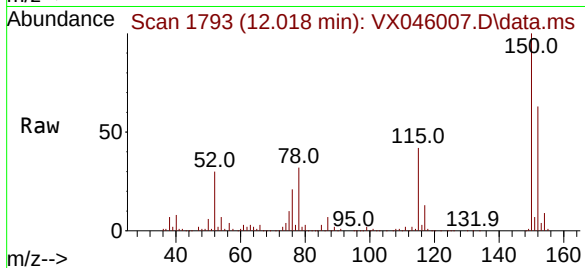




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX046007.D
 Acq: 30 Apr 2025 18:47

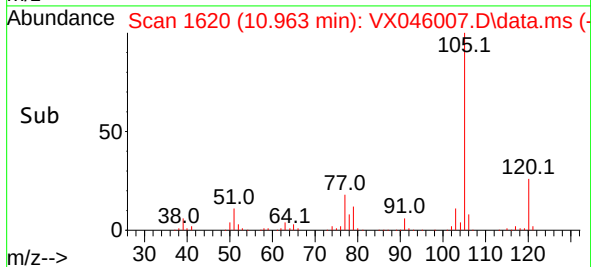
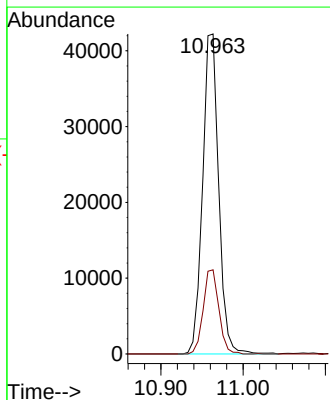
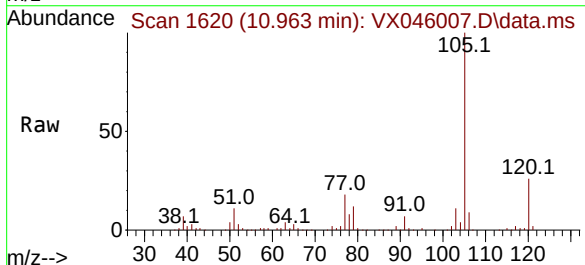
Instrument :
 MSVOA_X
 ClientSampleId :
 WC-13-S-202504

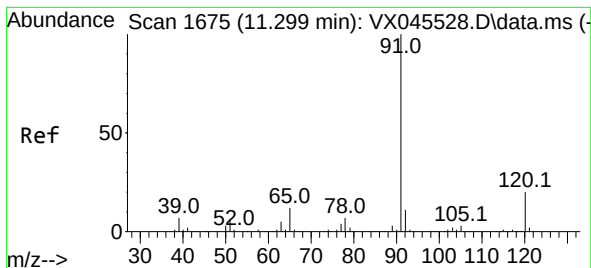
Tgt Ion:152 Resp: 50027
 Ion Ratio Lower Upper
 152 100
 115 65.6 46.9 140.7
 150 156.5 0.0 349.4



#73
 Isopropylbenzene
 Concen: 14.309 ug/l
 RT: 10.963 min Scan# 1620
 Delta R.T. 0.006 min
 Lab File: VX046007.D
 Acq: 30 Apr 2025 18:47

Tgt Ion:105 Resp: 57340
 Ion Ratio Lower Upper
 105 100
 120 25.5 12.7 38.0





#78

n-propylbenzene

Concen: 18.320 ug/l

RT: 11.305 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX046007.D

Acq: 30 Apr 2025 18:47

Instrument :

MSVOA_X

ClientSampleId :

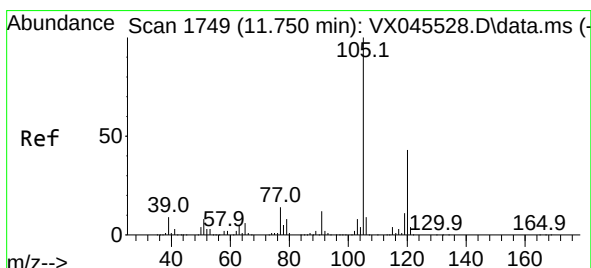
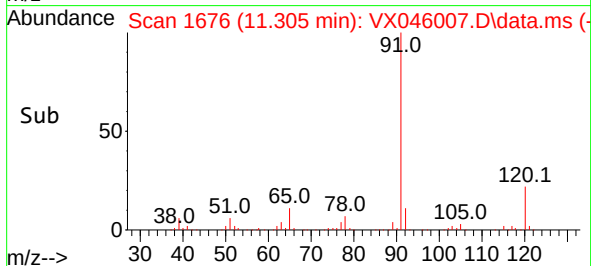
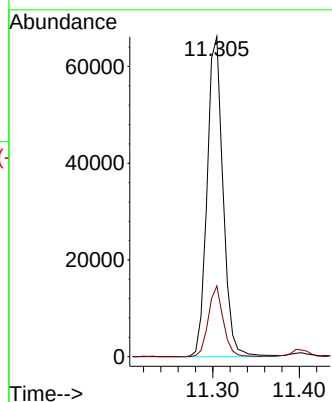
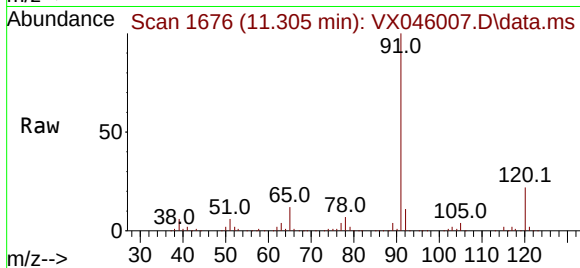
WC-13-S-202504

Tgt Ion: 91 Resp: 84560

Ion Ratio Lower Upper

91 100

120 20.7 10.8 32.3



#84

1,2,4-Trimethylbenzene

Concen: 1.155 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX046007.D

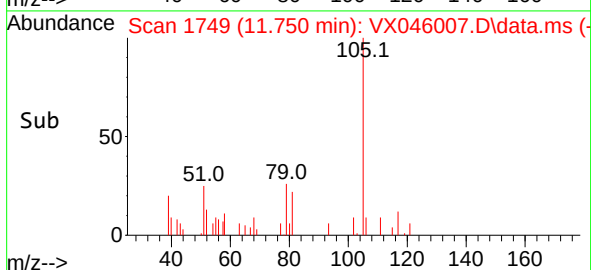
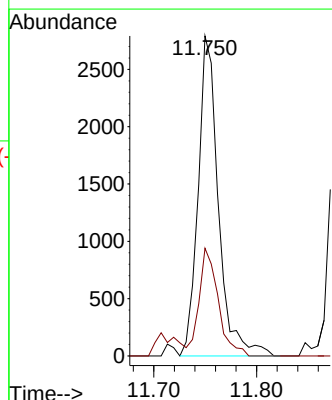
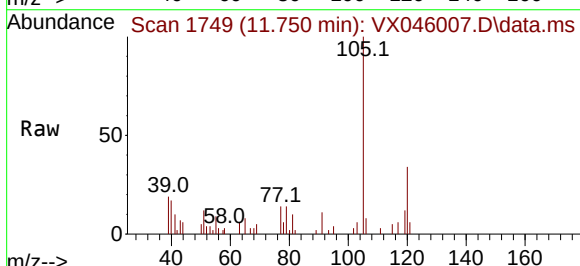
Acq: 30 Apr 2025 18:47

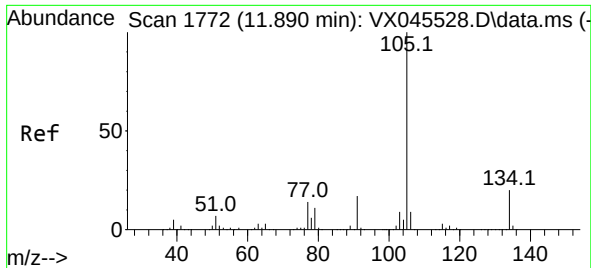
Tgt Ion: 105 Resp: 3840

Ion Ratio Lower Upper

105 100

120 31.7 21.4 64.3

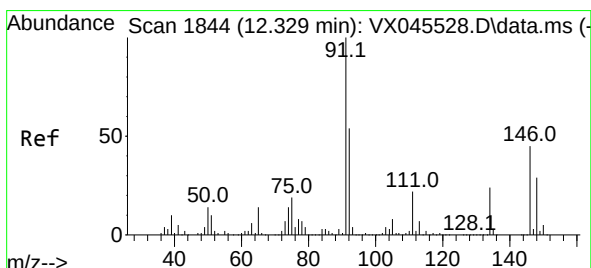
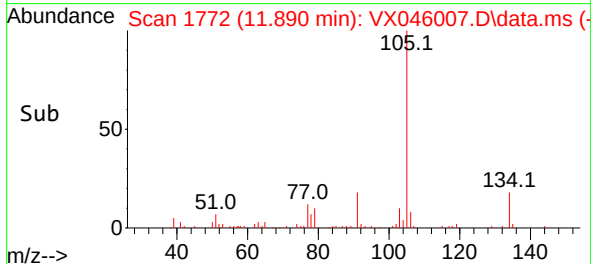
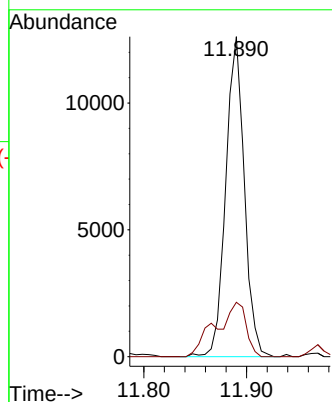
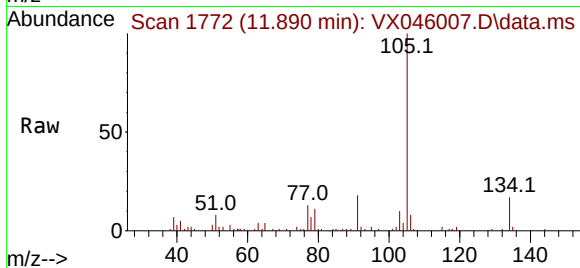




#85
 sec-Butylbenzene
 Concen: 3.916 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX046007.D
 Acq: 30 Apr 2025 18:47

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-13-S-202504

Tgt Ion:105 Resp: 15779
 Ion Ratio Lower Upper
 105 100
 134 27.9 9.6 28.6



#89
 n-Butylbenzene
 Concen: 3.720 ug/l
 RT: 12.329 min Scan# 1844
 Delta R.T. -0.000 min
 Lab File: VX046007.D
 Acq: 30 Apr 2025 18:47

Tgt Ion: 91 Resp: 10715
 Ion Ratio Lower Upper
 91 100
 92 45.0 26.9 80.6
 134 41.2 11.9 35.7#

