

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060625\
 Data File : VX046552.D
 Acq On : 07 Jun 2025 03:26
 Operator : JC/MD
 Sample : Q2236-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-A2-04-G

Quant Time: Jun 07 04:29:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 06 16:56:12 2025
 Response via : Initial Calibration

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

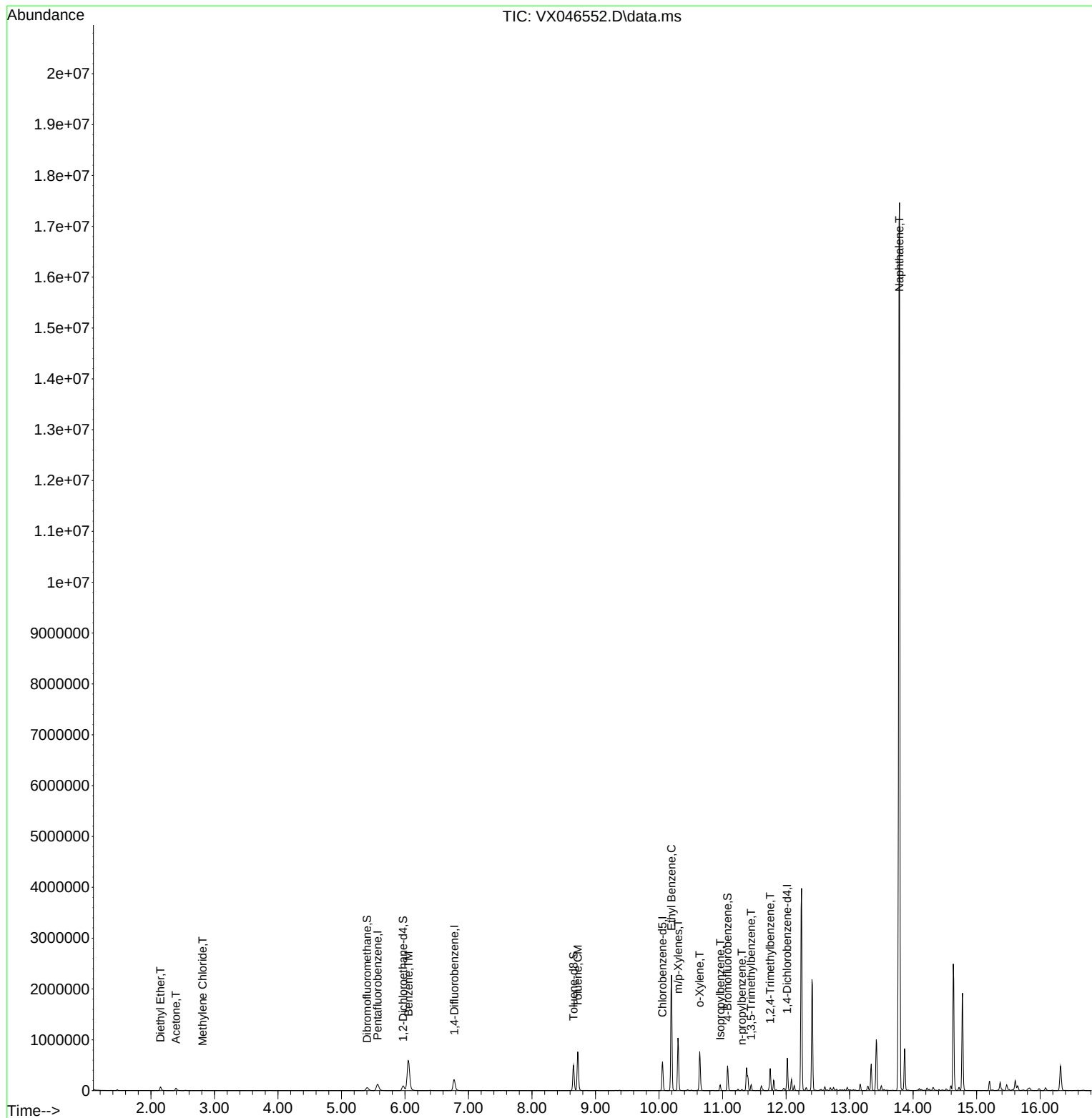
Internal Standards						
1) Pentafluorobenzene	5.568	168	117002	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	224778	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	236932	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	118237	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	102915	49.441	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.880%
35) Dibromofluoromethane	5.403	113	55878	33.804	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	67.600%#
50) Toluene-d8	8.653	98	289012	53.032	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.060%
62) 4-Bromofluorobenzene	11.079	95	129982	57.646	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	115.300%
Target Compounds						
					Qvalue	
8) Diethyl Ether	2.148	74	28126	32.644	ug/l	93
16) Acetone	2.392	43	59048	75.504	ug/l	93
20) Methylene Chloride	2.812	84	3113	1.864	ug/l #	83
40) Benzene	6.056	78	745179	112.104	ug/l	99
52) Toluene	8.720	92	283738	69.480	ug/l	99
67) Ethyl Benzene	10.195	91	1287527	132.353	ug/l	99
68) m/p-Xylenes	10.299	106	218707	61.977	ug/l	100
69) o-Xylene	10.640	106	148524	43.514	ug/l	97
73) Isopropylbenzene	10.963	105	55926	6.017	ug/l	96
78) n-propylbenzene	11.305	91	13434	1.194	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	51037	6.590	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	179132	22.862	ug/l	99
95) Naphthalene	13.786	128	11041907	1262.244	ug/l	96

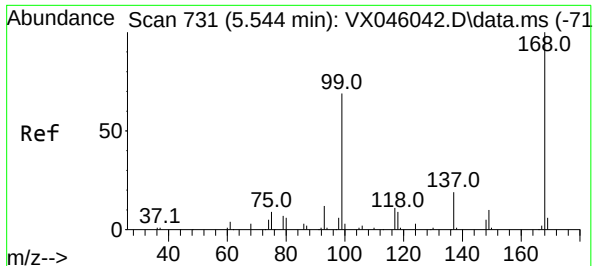
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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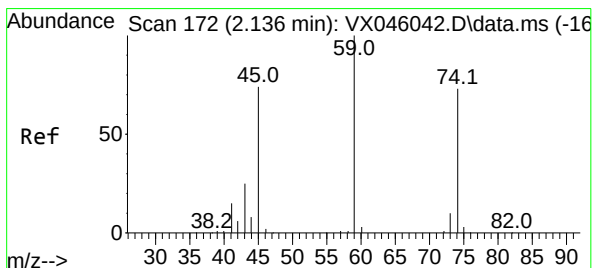
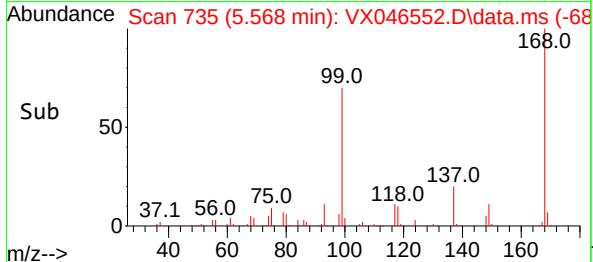
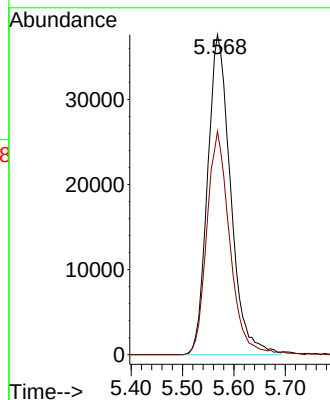
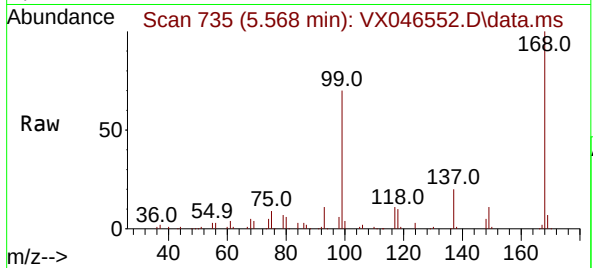




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046552.D
Acq: 07 Jun 2025 03:26

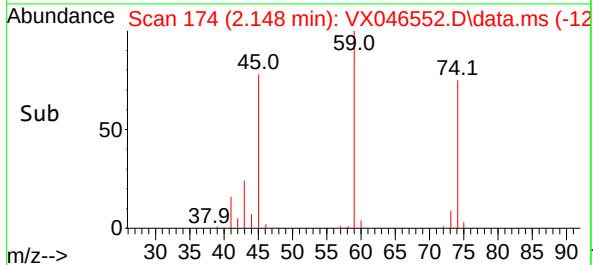
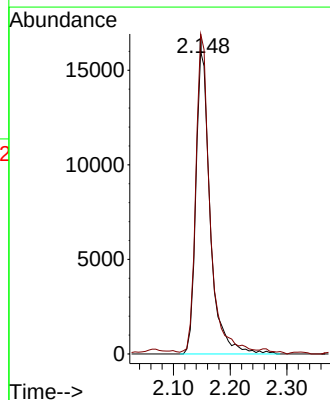
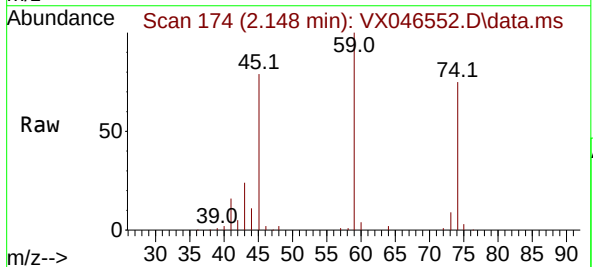
Instrument :
MSVOA_X
ClientSampleId :
WC-A2-04-G

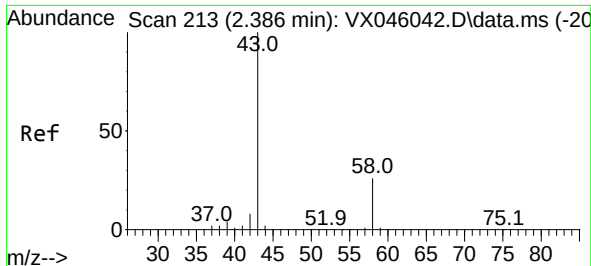
Tgt Ion:168 Resp: 117002
Ion Ratio Lower Upper
168 100
99 69.8 54.9 82.3



#8
Diethyl Ether
Concen: 32.644 ug/l
RT: 2.148 min Scan# 174
Delta R.T. -0.006 min
Lab File: VX046552.D
Acq: 07 Jun 2025 03:26

Tgt Ion: 74 Resp: 28126
Ion Ratio Lower Upper
74 100
45 102.7 54.9 164.8

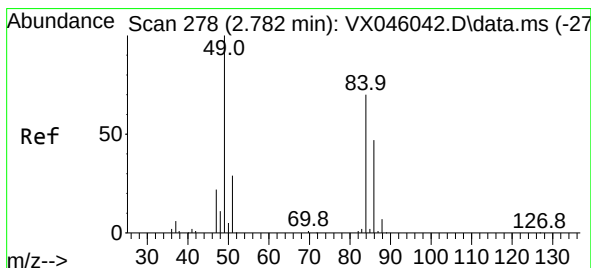
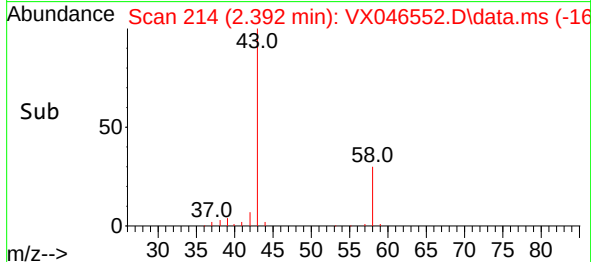
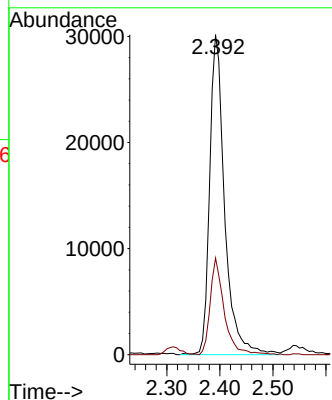
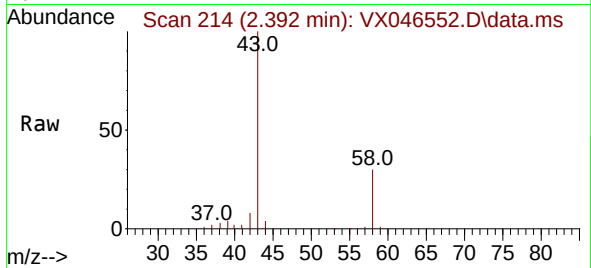




#16
Acetone
Concen: 75.504 ug/l
RT: 2.392 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046552.D
Acq: 07 Jun 2025 03:26

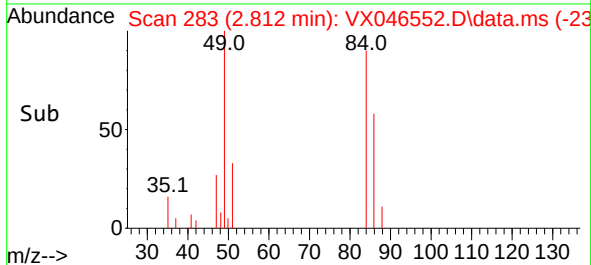
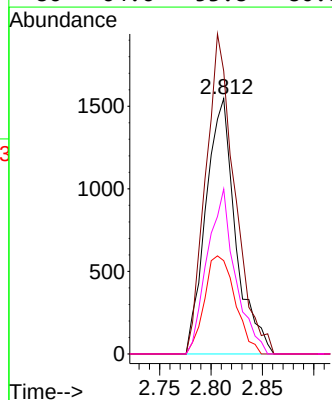
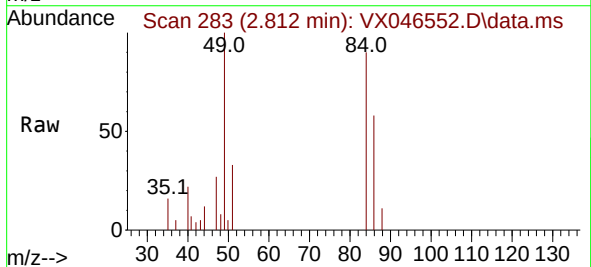
Instrument :
MSVOA_X
ClientSampleId :
WC-A2-04-G

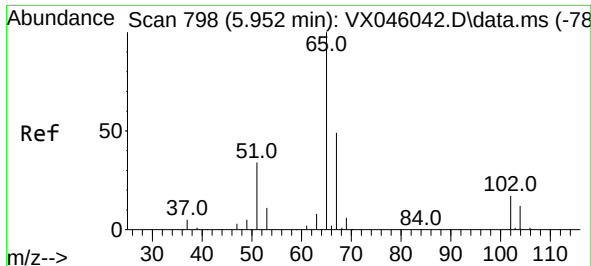
Tgt Ion: 43 Resp: 59048
Ion Ratio Lower Upper
43 100
58 30.0 21.2 31.8



#20
Methylene Chloride
Concen: 1.864 ug/l
RT: 2.812 min Scan# 283
Delta R.T. 0.006 min
Lab File: VX046552.D
Acq: 07 Jun 2025 03:26

Tgt Ion: 84 Resp: 3113
Ion Ratio Lower Upper
84 100
49 110.7 113.9 170.9#
51 36.5 33.5 50.3
86 64.6 53.8 80.8

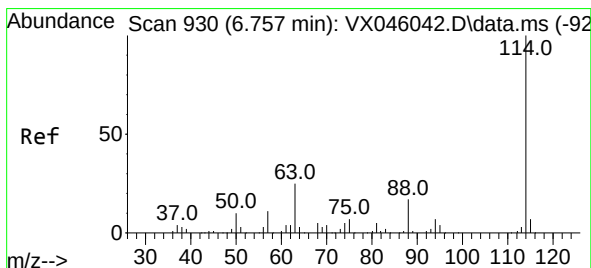
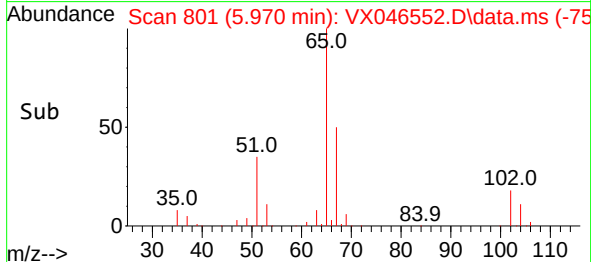
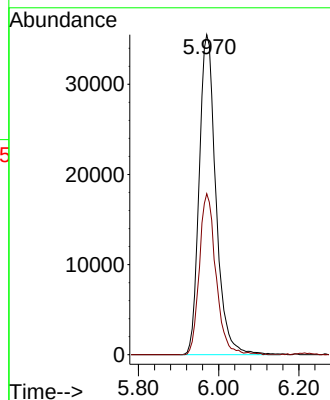
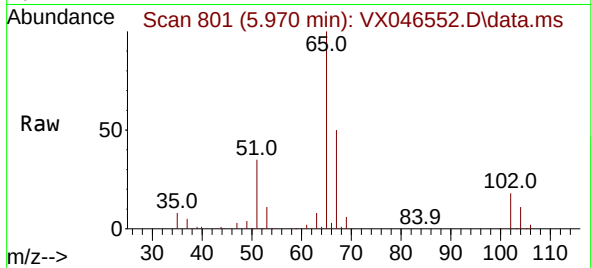




#33
 1,2-Dichloroethane-d4
 Concen: 49.441 ug/l
 RT: 5.970 min Scan# 801
 Delta R.T. 0.000 min
 Lab File: VX046552.D
 Acq: 07 Jun 2025 03:26

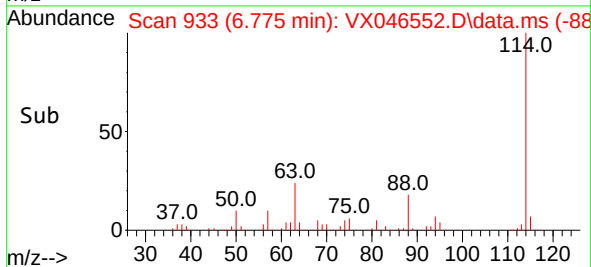
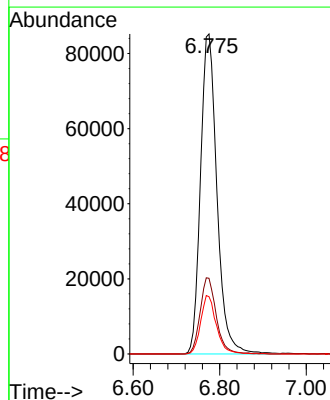
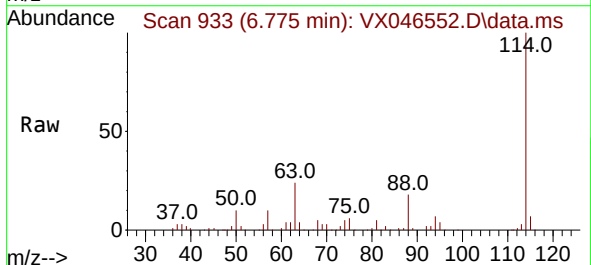
Instrument :
 MSVOA_X
 ClientSampleId :
 WC-A2-04-G

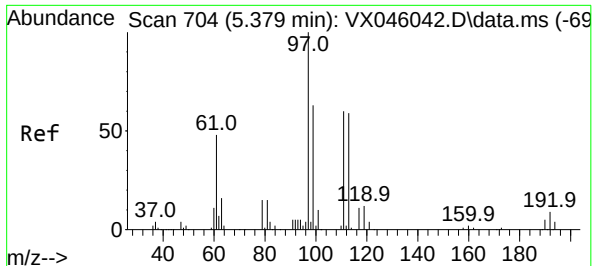
Tgt Ion: 65 Resp: 102915
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 99.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.775 min Scan# 933
 Delta R.T. 0.000 min
 Lab File: VX046552.D
 Acq: 07 Jun 2025 03:26

Tgt Ion: 114 Resp: 224778
 Ion Ratio Lower Upper
 114 100
 63 23.7 0.0 49.2
 88 17.9 0.0 33.6

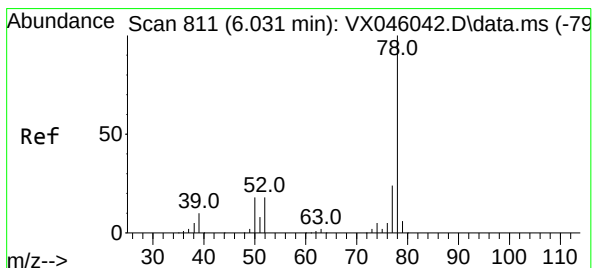
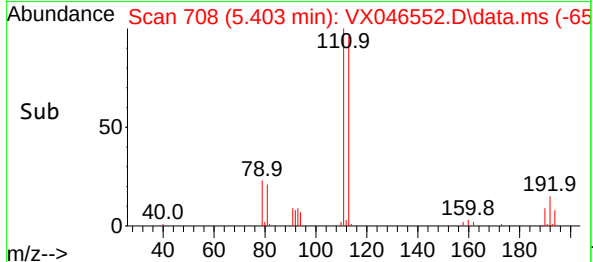
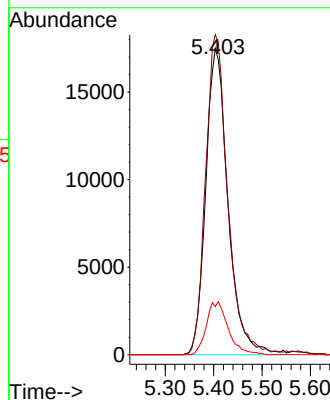
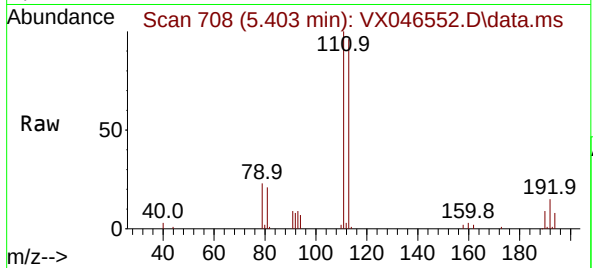




#35
Dibromofluoromethane
Concen: 33.804 ug/l
RT: 5.403 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX046552.D
Acq: 07 Jun 2025 03:26

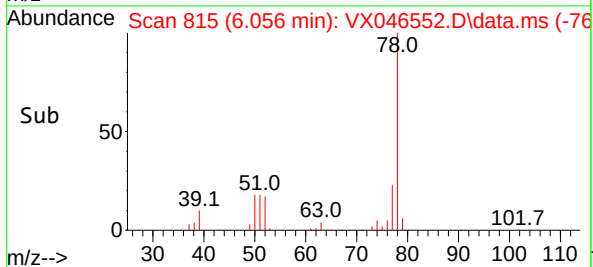
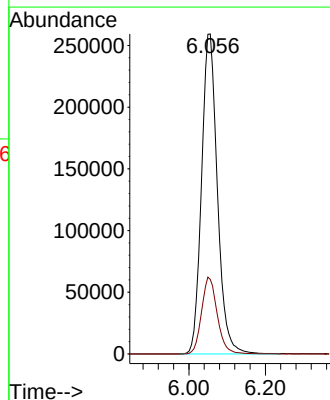
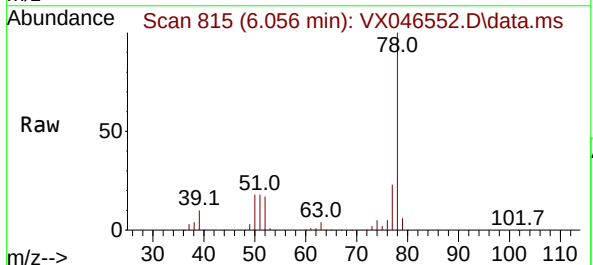
Instrument :
MSVOA_X
ClientSampleId :
WC-A2-04-G

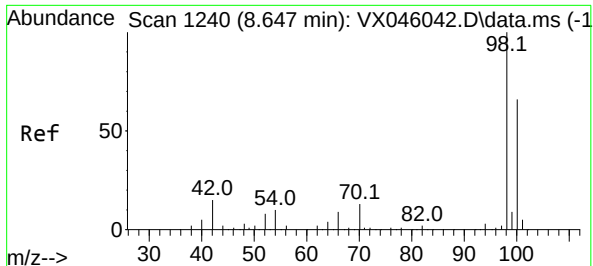
Tgt Ion:113 Resp: 55878
Ion Ratio Lower Upper
113 100
111 104.2 83.1 124.7
192 17.0 13.3 19.9



#40
Benzene
Concen: 112.104 ug/l
RT: 6.056 min Scan# 815
Delta R.T. -0.000 min
Lab File: VX046552.D
Acq: 07 Jun 2025 03:26

Tgt Ion: 78 Resp: 745179
Ion Ratio Lower Upper
78 100
77 23.3 19.0 28.4

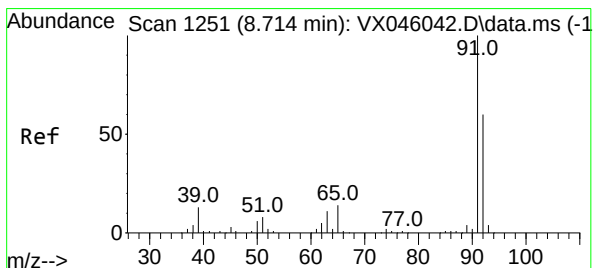
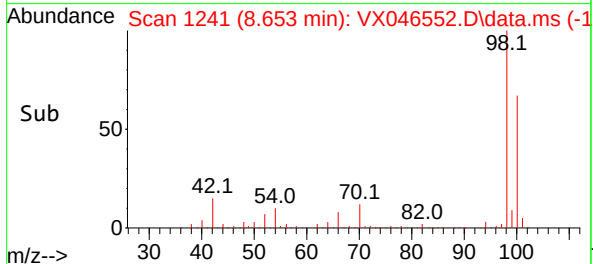
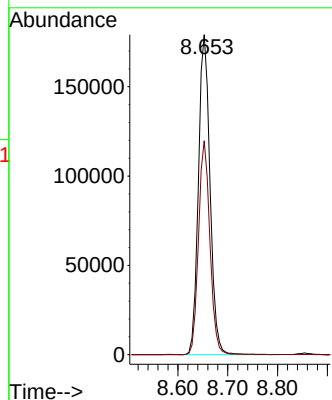
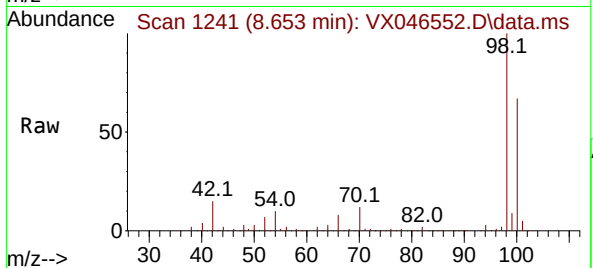




#50
Toluene-d8
Concen: 53.032 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX046552.D
Acq: 07 Jun 2025 03:26

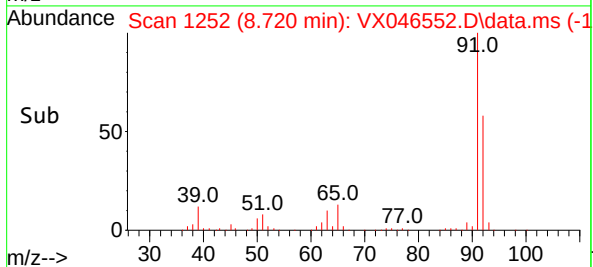
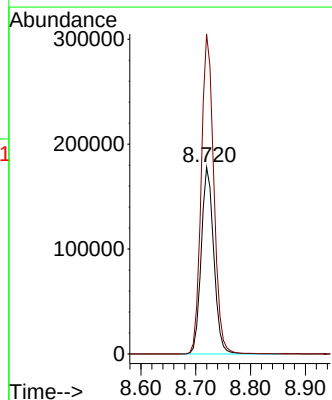
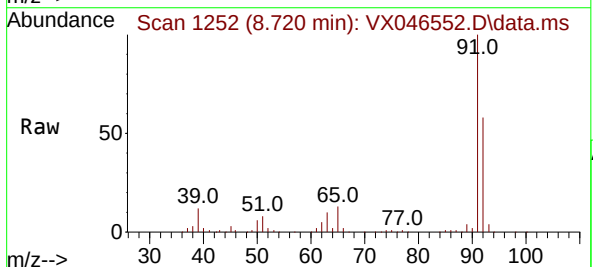
Instrument :
MSVOA_X
ClientSampleId :
WC-A2-04-G

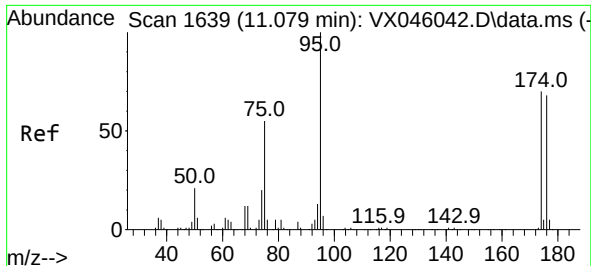
Tgt Ion: 98 Resp: 289012
Ion Ratio Lower Upper
98 100
100 65.7 53.5 80.3



#52
Toluene
Concen: 69.480 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX046552.D
Acq: 07 Jun 2025 03:26

Tgt Ion: 92 Resp: 283738
Ion Ratio Lower Upper
92 100
91 171.8 136.6 205.0

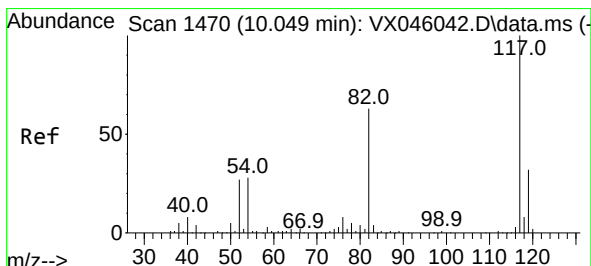
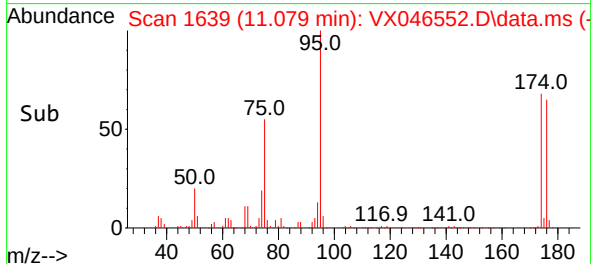
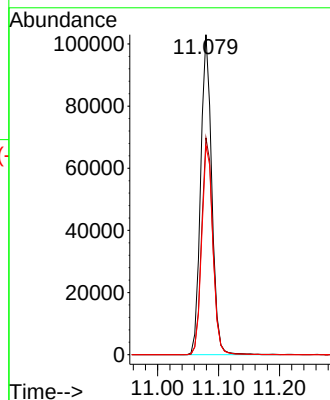
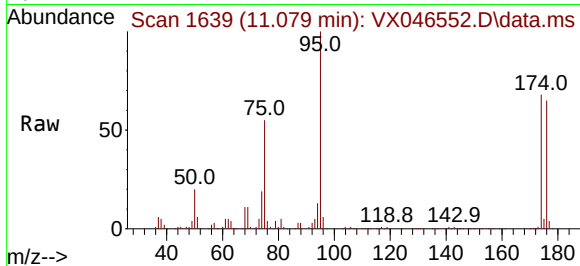




#62
4-Bromofluorobenzene
Concen: 57.646 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046552.D
Acq: 07 Jun 2025 03:26

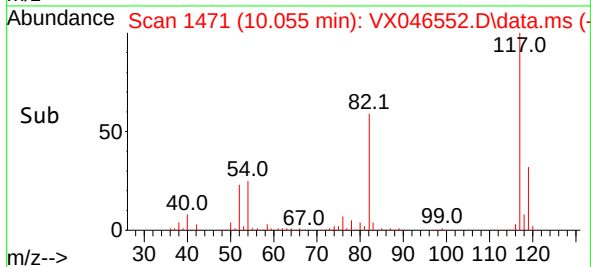
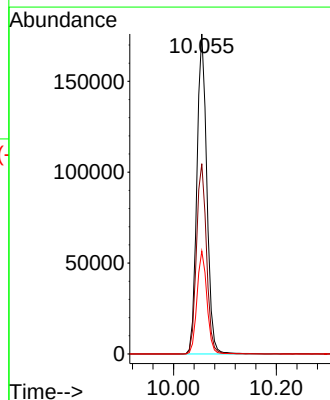
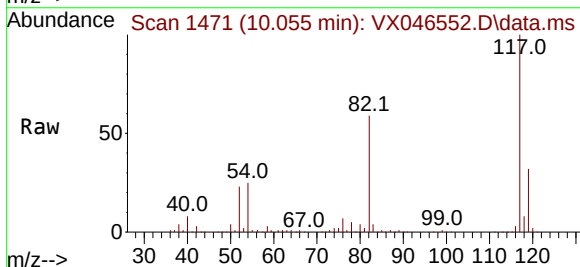
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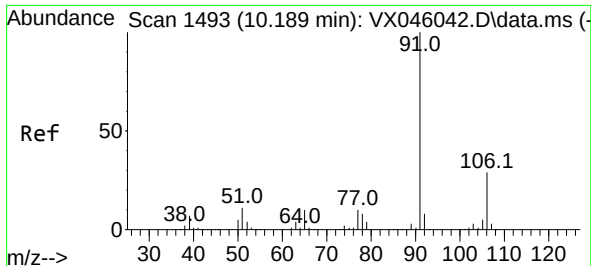
Tgt Ion: 95 Resp: 129982
Ion Ratio Lower Upper
95 100
174 68.7 0.0 135.8
176 66.2 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046552.D
Acq: 07 Jun 2025 03:26

Tgt Ion: 117 Resp: 236932
Ion Ratio Lower Upper
117 100
82 59.5 50.6 76.0
119 32.2 25.8 38.6





#67

Ethyl Benzene

Concen: 132.353 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX046552.D

Acq: 07 Jun 2025 03:26

Instrument :

MSVOA_X

ClientSampleId :

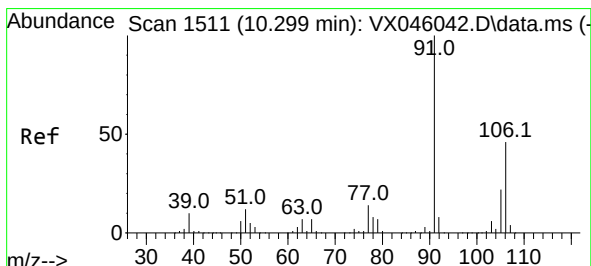
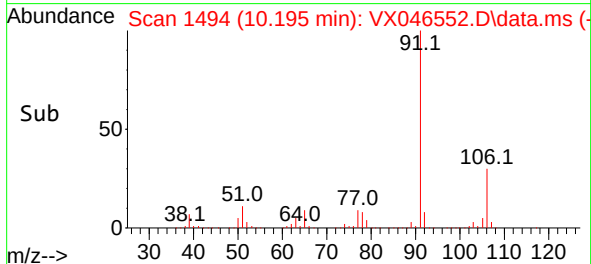
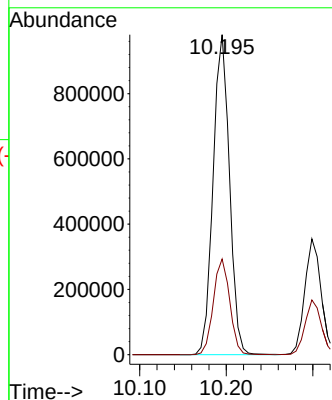
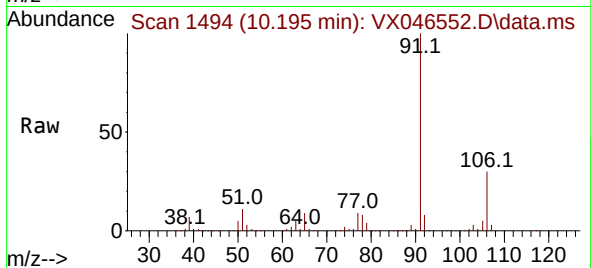
WC-A2-04-G

Tgt Ion: 91 Resp: 1287527

Ion Ratio Lower Upper

91 100

106 29.9 23.4 35.2



#68

m/p-Xylenes

Concen: 61.977 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX046552.D

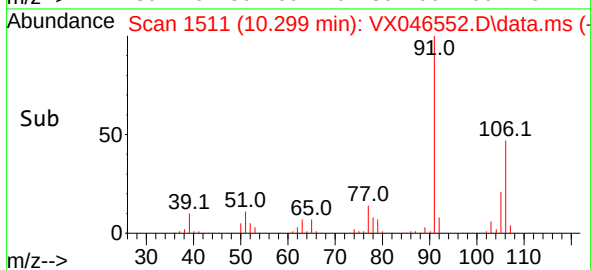
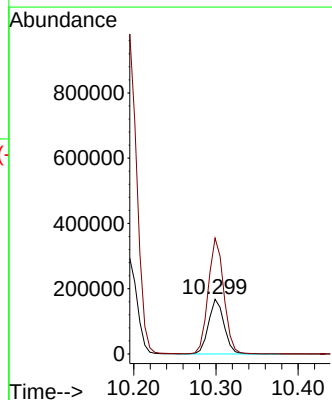
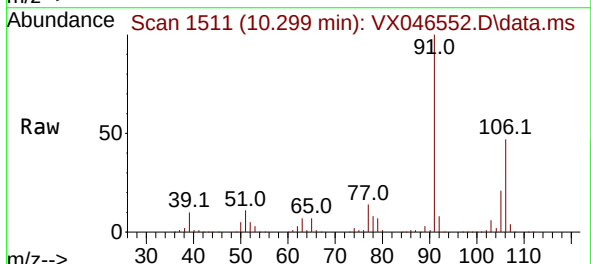
Acq: 07 Jun 2025 03:26

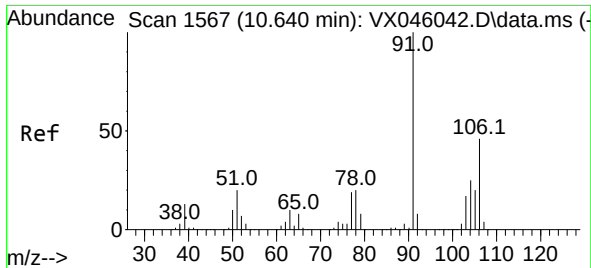
Tgt Ion:106 Resp: 218707

Ion Ratio Lower Upper

106 100

91 213.6 171.2 256.8

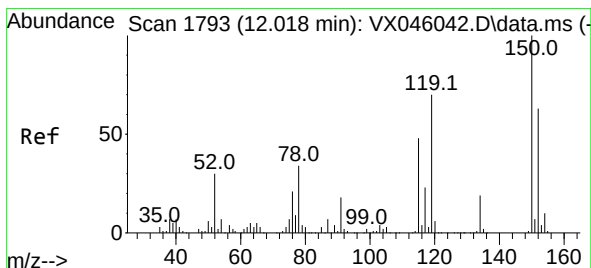
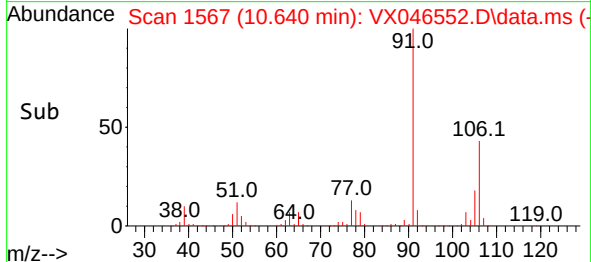
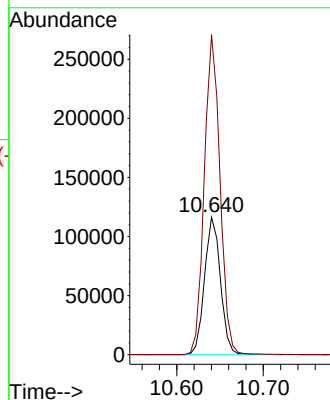
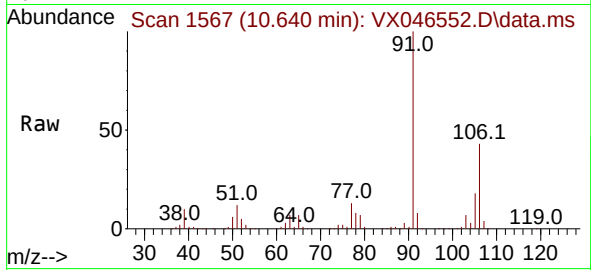




#69
o-Xylene
Concen: 43.514 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046552.D
Acq: 07 Jun 2025 03:26

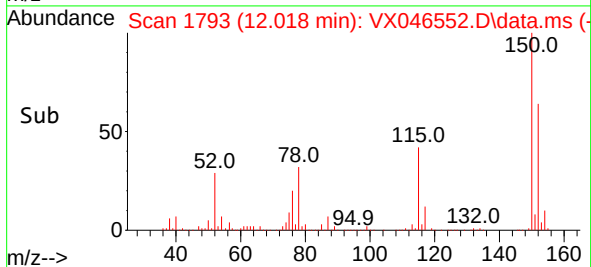
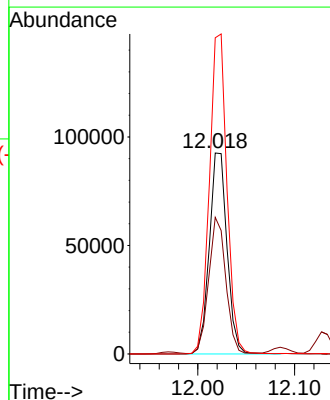
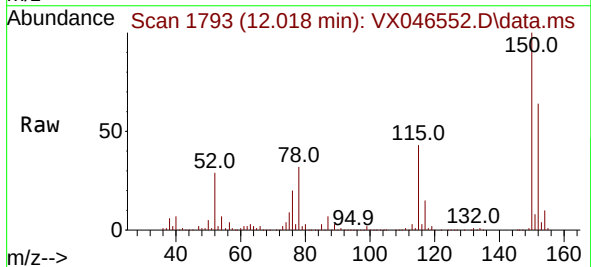
Instrument :
MSVOA_X
ClientSampleId :
WC-A2-04-G

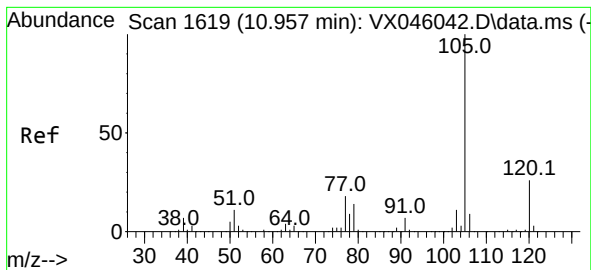
Tgt Ion:106 Resp: 148524
Ion Ratio Lower Upper
106 100
91 229.9 112.7 338.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX046552.D
Acq: 07 Jun 2025 03:26

Tgt Ion:152 Resp: 118237
Ion Ratio Lower Upper
152 100
115 65.2 46.9 140.7
150 157.3 0.0 351.0





#73

Isopropylbenzene

Concen: 6.017 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX046552.D

Acq: 07 Jun 2025 03:26

Instrument :

MSVOA_X

ClientSampleId :

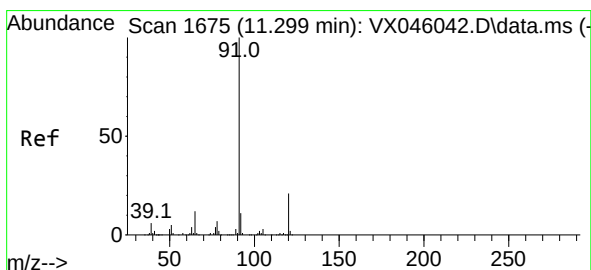
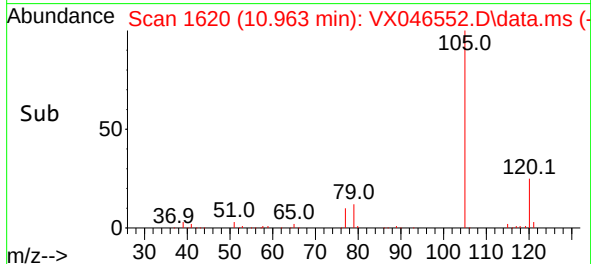
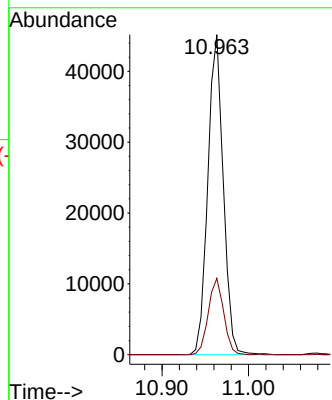
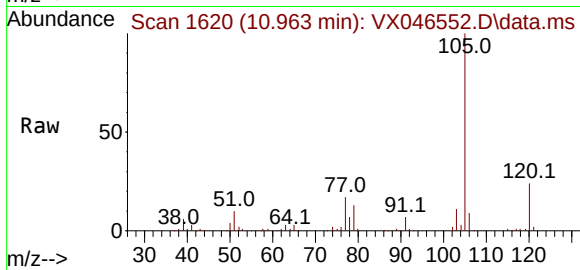
WC-A2-04-G

Tgt Ion:105 Resp: 55926

Ion Ratio Lower Upper

105 100

120 23.8 12.8 38.4



#78

n-propylbenzene

Concen: 1.194 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX046552.D

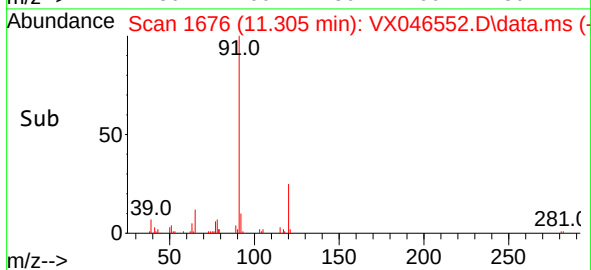
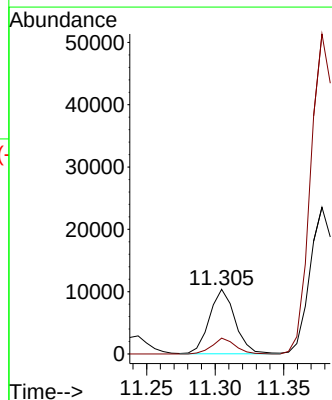
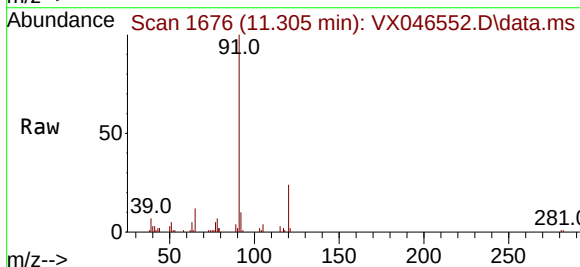
Acq: 07 Jun 2025 03:26

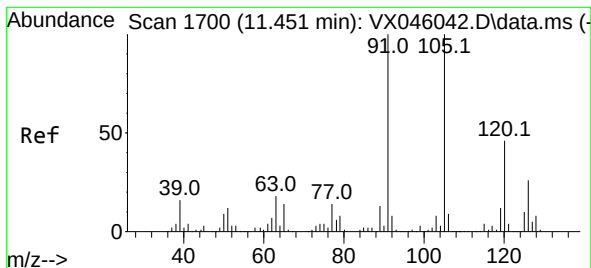
Tgt Ion: 91 Resp: 13434

Ion Ratio Lower Upper

91 100

120 22.1 10.8 32.4





#80

1,3,5-Trimethylbenzene

Concen: 6.590 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX046552.D

Acq: 07 Jun 2025 03:26

Instrument :

MSVOA_X

ClientSampleId :

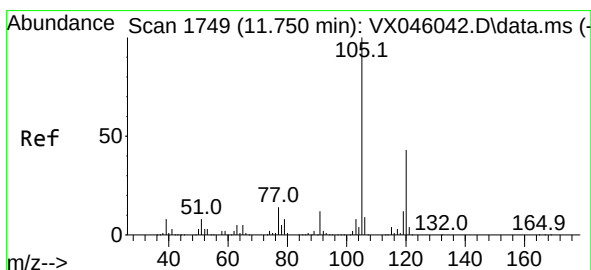
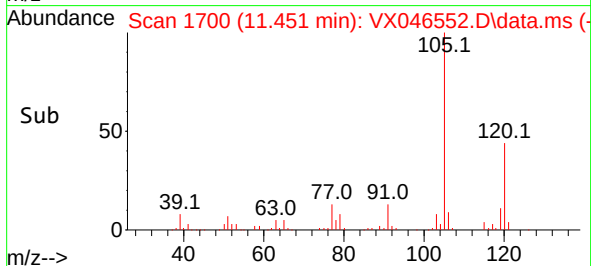
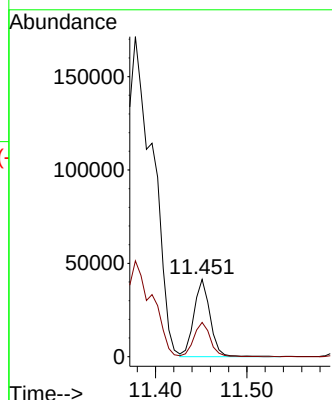
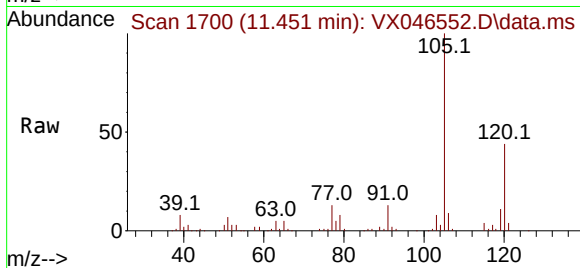
WC-A2-04-G

Tgt Ion:105 Resp: 51037

Ion Ratio Lower Upper

105 100

120 45.3 23.1 69.2



#84

1,2,4-Trimethylbenzene

Concen: 22.862 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX046552.D

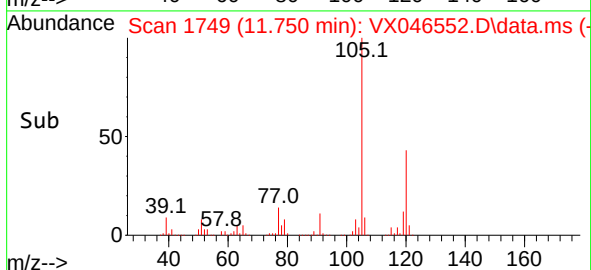
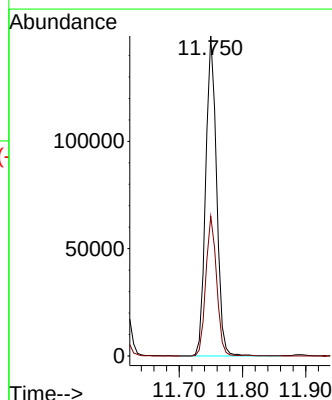
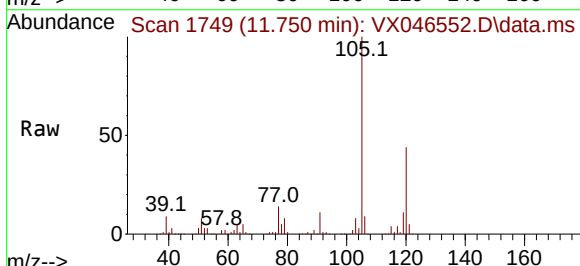
Acq: 07 Jun 2025 03:26

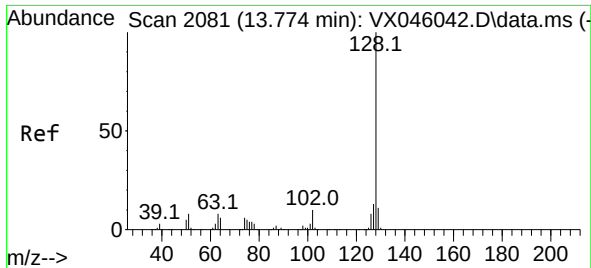
Tgt Ion:105 Resp: 179132

Ion Ratio Lower Upper

105 100

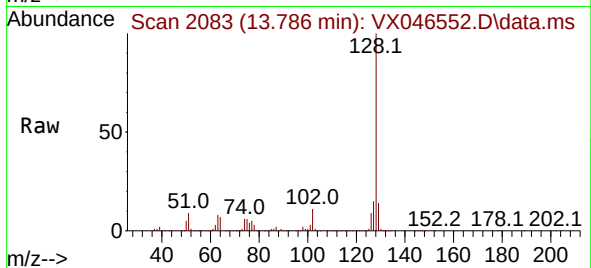
120 43.3 21.2 63.6





#95
Naphthalene
Concen: 1262.244 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.012 min
Lab File: VX046552.D
Acq: 07 Jun 2025 03:26

Instrument :
MSVOA_X
ClientSampleId :
WC-A2-04-G



Tgt Ion:128 Resp:11041907
Ion Ratio Lower Upper
128 100
127 14.3 10.4 15.6
129 12.8 8.6 13.0

