

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050225\
 Data File : VX046029.D
 Acq On : 02 May 2025 15:48
 Operator : JC/MD
 Sample : Q1929-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-A1-04-G

Quant Time: May 02 23:17:55 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)

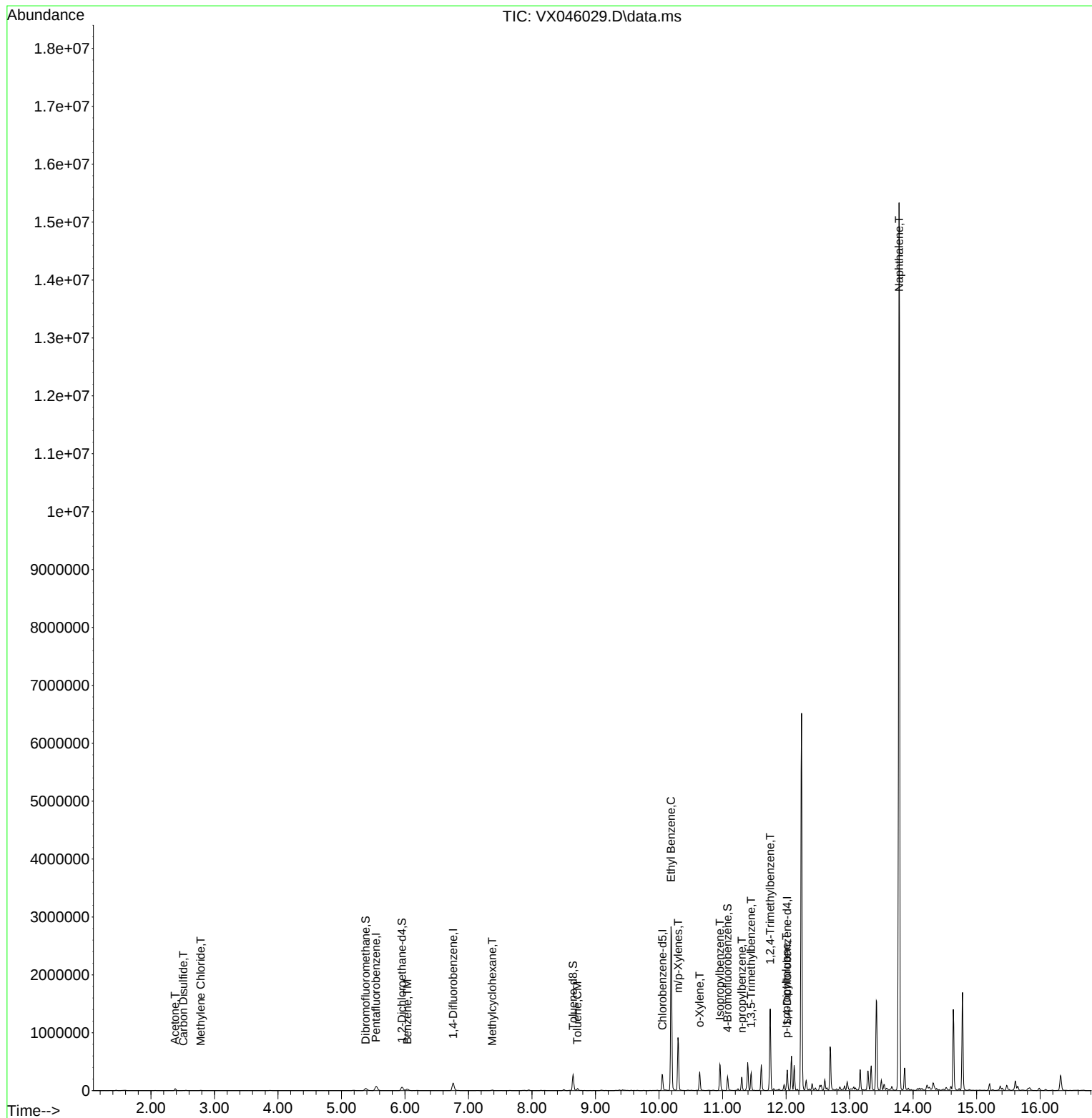
Internal Standards						
1) Pentafluorobenzene	5.544	168	64498	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	124983	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	118050	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	54267	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	60277	51.104	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.200%			
35) Dibromofluoromethane	5.379	113	32420	36.560	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 73.120%#			
50) Toluene-d8	8.647	98	156803	50.661	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.320%			
62) 4-Bromofluorobenzene	11.079	95	62417	55.364	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 110.720%			
Target Compounds					Qvalue	
16) Acetone	2.380	43	35805	73.926	ug/l	90
17) Carbon Disulfide	2.508	76	2265	1.184	ug/l #	89
20) Methylene Chloride	2.782	84	2551	2.813	ug/l	86
39) Methylcyclohexane	7.373	83	3703	2.523	ug/l	92
40) Benzene	6.037	78	32250	8.820	ug/l	99
52) Toluene	8.714	92	13235	5.981	ug/l	97
67) Ethyl Benzene	10.189	91	1606319	355.547	ug/l	100
68) m/p-Xylenes	10.299	106	187602	114.169	ug/l	100
69) o-Xylene	10.640	106	62036	38.324	ug/l	98
73) Isopropylbenzene	10.957	105	226476	52.101	ug/l	99
78) n-propylbenzene	11.305	91	145323	29.025	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	125139	34.814	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	571128	158.308	ug/l	100
86) p-Isopropyltoluene	12.006	119	22009	6.108	ug/l #	71
95) Naphthalene	13.780	128	8768541	2328.882	ug/l	96

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

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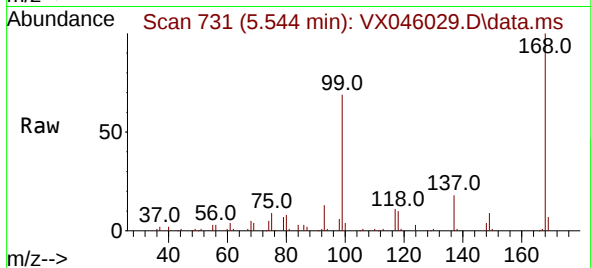
Quant Time: May 02 23:17:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
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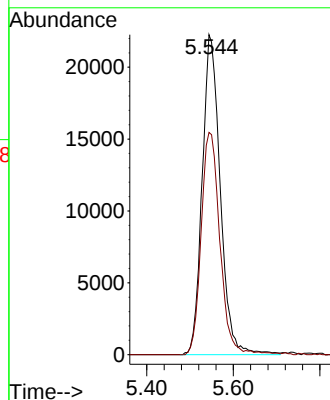
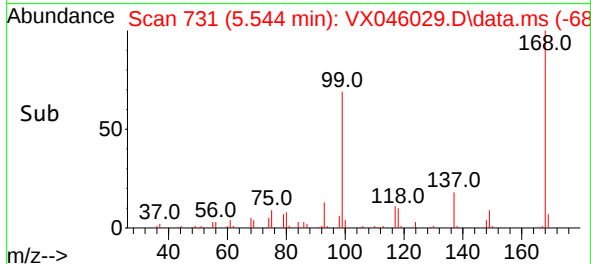


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX046029.D
Acq: 02 May 2025 15:48

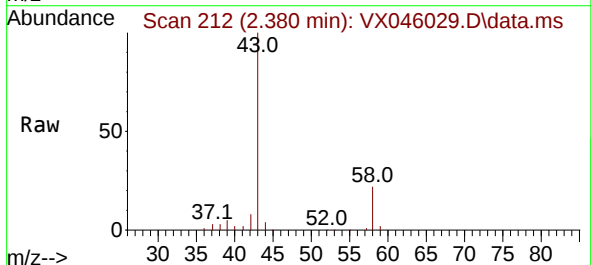
Instrument :
MSVOA_X
ClientSampleId :
WC-A1-04-G



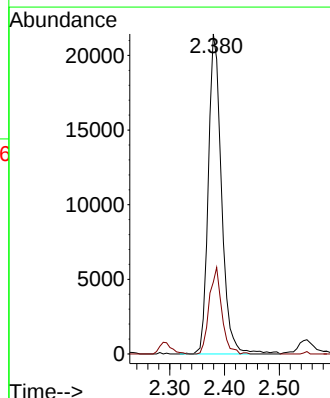
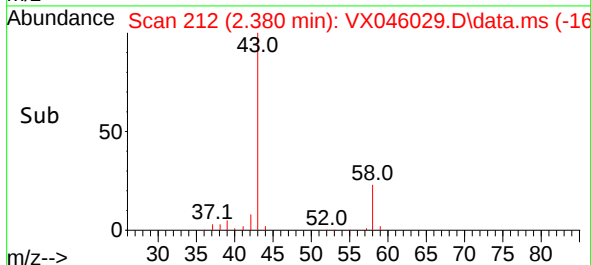
Tgt Ion:168 Resp: 64498
Ion Ratio Lower Upper
168 100
99 69.4 52.3 78.5

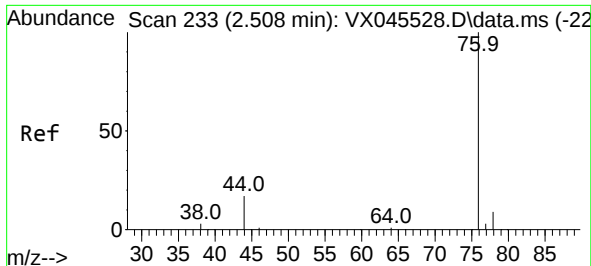


#16
Acetone
Concen: 73.926 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046029.D
Acq: 02 May 2025 15:48



Tgt Ion: 43 Resp: 35805
Ion Ratio Lower Upper
43 100
58 22.5 22.3 33.5

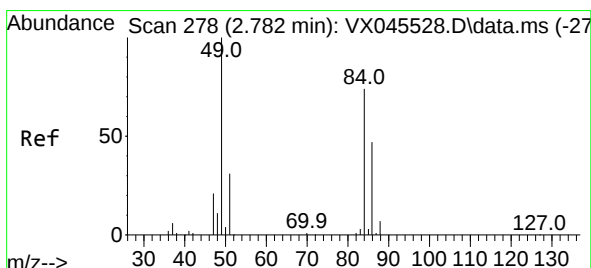
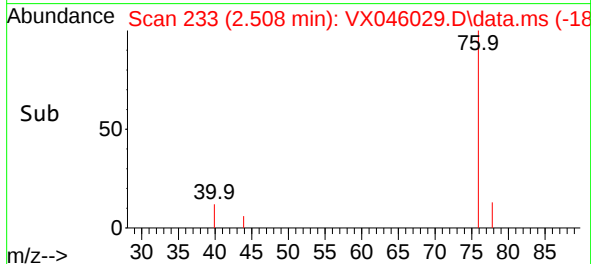
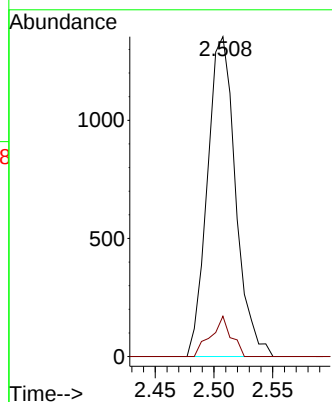
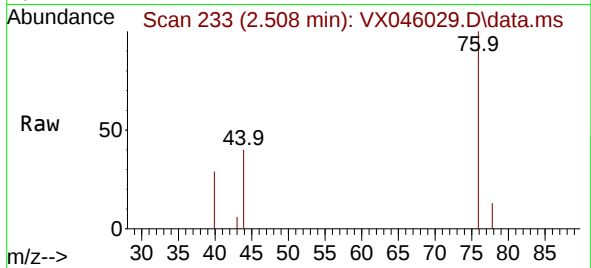




#17
Carbon Disulfide
Concen: 1.184 ug/l
RT: 2.508 min Scan# 217
Delta R.T. -0.000 min
Lab File: VX046029.D
Acq: 02 May 2025 15:48

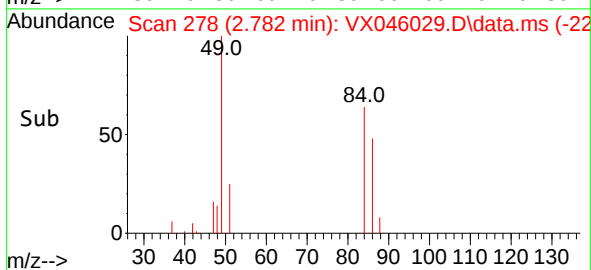
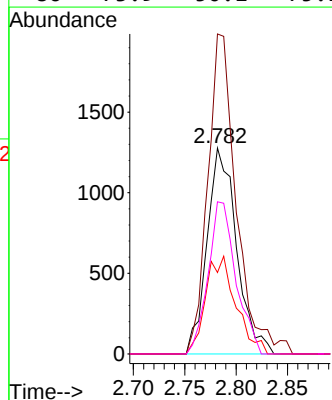
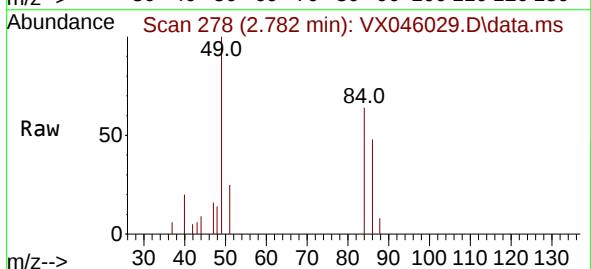
Instrument :
MSVOA_X
ClientSampleId :
WC-A1-04-G

Tgt Ion: 76 Resp: 2265
Ion Ratio Lower Upper
76 100
78 12.6 7.0 10.6#



#20
Methylene Chloride
Concen: 2.813 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX046029.D
Acq: 02 May 2025 15:48

Tgt Ion: 84 Resp: 2551
Ion Ratio Lower Upper
84 100
49 155.4 107.5 161.3
51 39.5 33.0 49.6
86 73.9 50.1 75.1

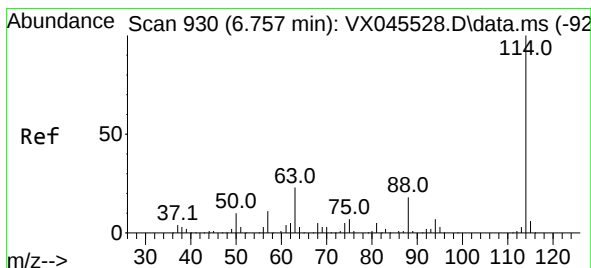
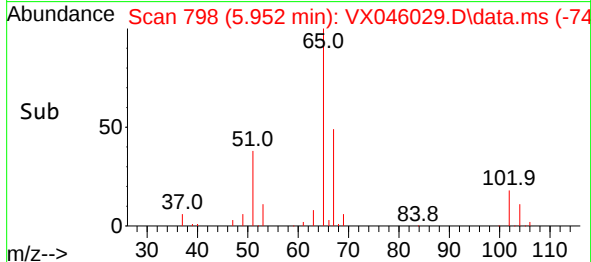
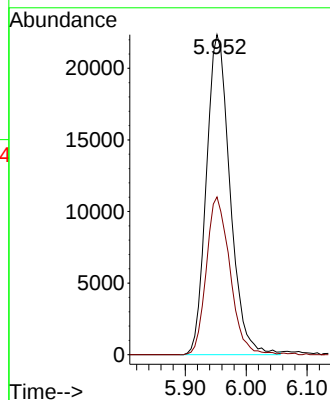
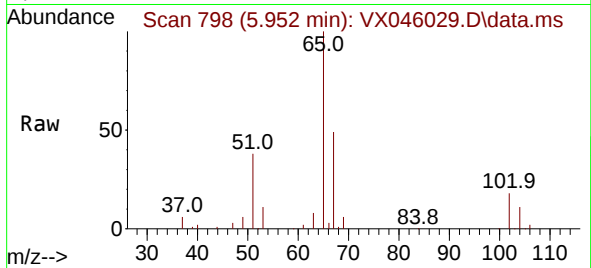




#33
 1,2-Dichloroethane-d4
 Concen: 51.104 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.000 min
 Lab File: VX046029.D
 Acq: 02 May 2025 15:48

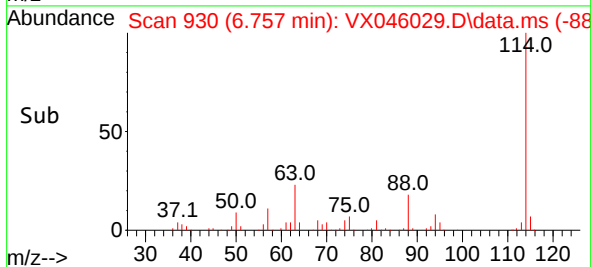
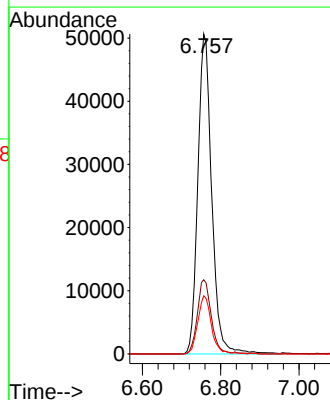
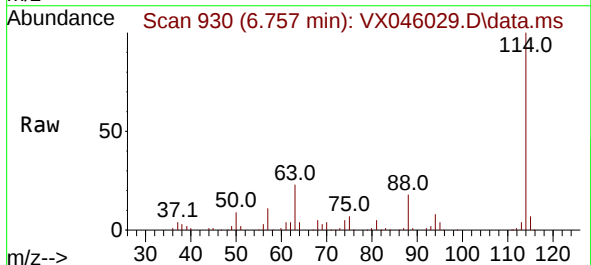
Instrument :
 MSVOA_X
 ClientSampleId :
 WC-A1-04-G

Tgt Ion: 65 Resp: 60277
 Ion Ratio Lower Upper
 65 100
 67 49.1 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: VX046029.D
 Acq: 02 May 2025 15:48

Tgt Ion: 114 Resp: 124983
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 46.8
 88 18.2 0.0 35.4





#35

Dibromofluoromethane

Concen: 36.560 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX046029.D

Acq: 02 May 2025 15:48

Instrument :

MSVOA_X

ClientSampleId :

WC-A1-04-G

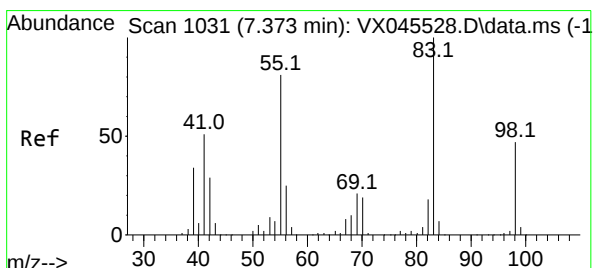
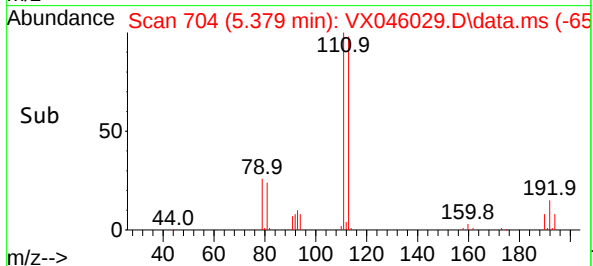
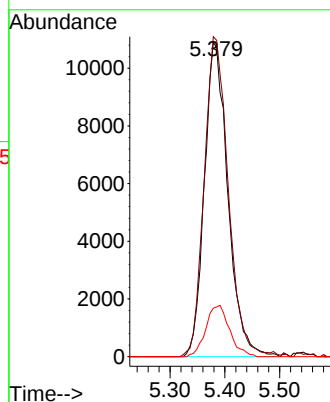
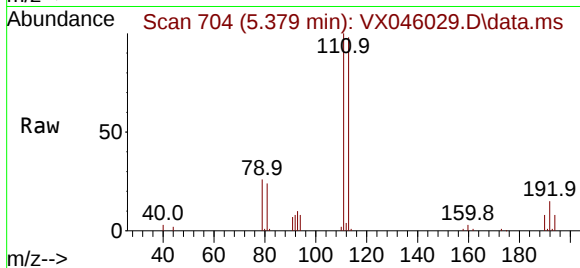
Tgt Ion:113 Resp: 32420

Ion Ratio Lower Upper

113 100

111 104.6 81.8 122.6

192 16.5 13.8 20.6



#39

Methylcyclohexane

Concen: 2.523 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VX046029.D

Acq: 02 May 2025 15:48

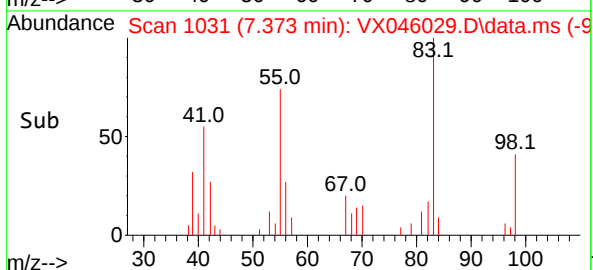
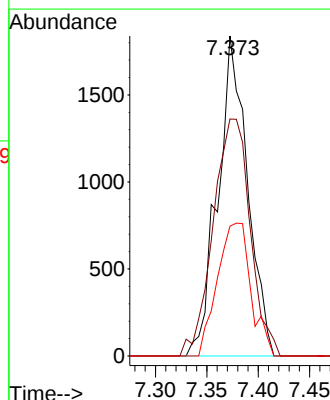
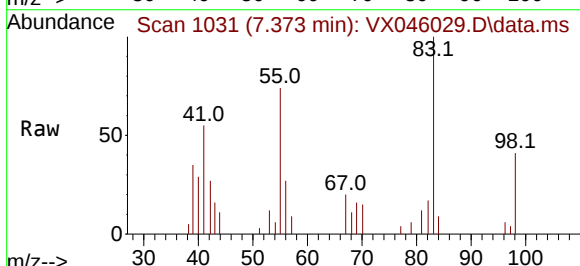
Tgt Ion: 83 Resp: 3703

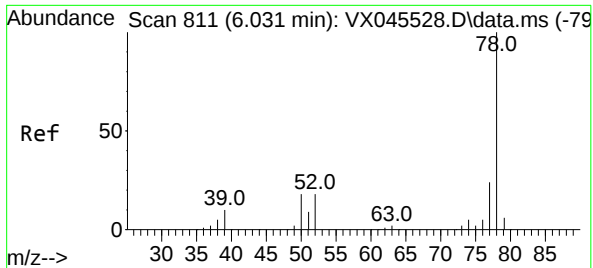
Ion Ratio Lower Upper

83 100

55 74.1 64.9 97.3

98 40.6 37.4 56.0

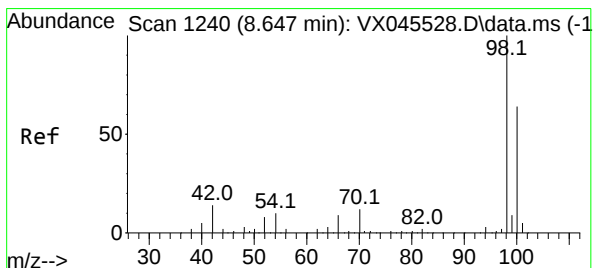
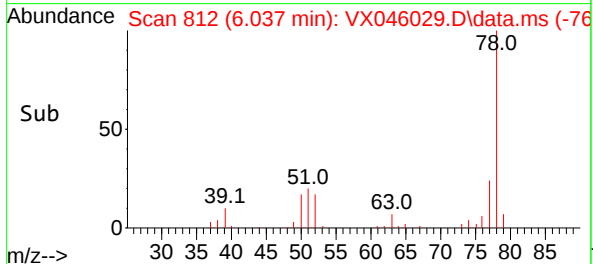
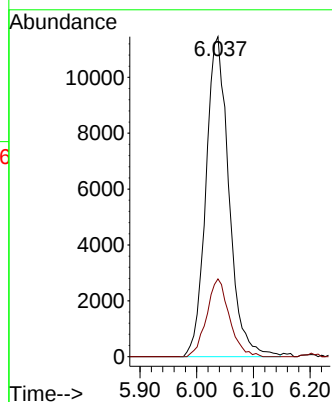
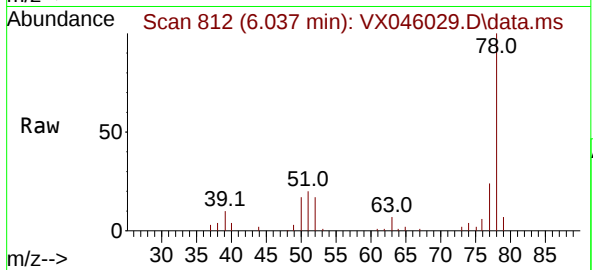




#40
Benzene
Concen: 8.820 ug/l
RT: 6.037 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX046029.D
Acq: 02 May 2025 15:48

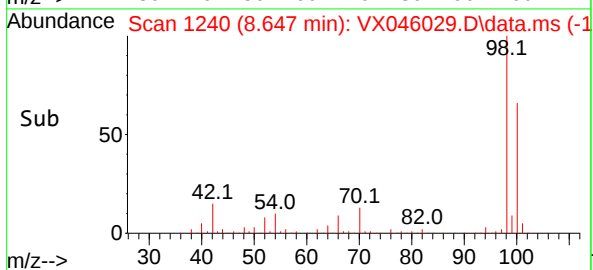
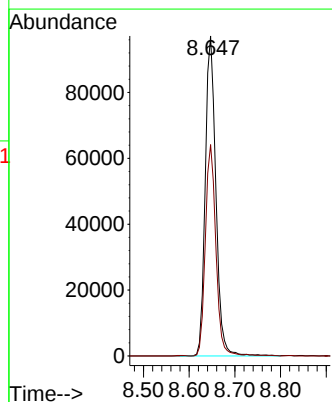
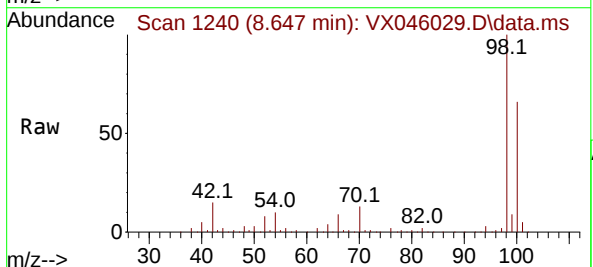
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ClientSampleId :
WC-A1-04-G

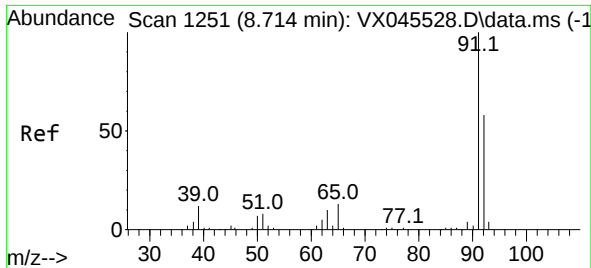
Tgt Ion: 78 Resp: 32250
Ion Ratio Lower Upper
78 100
77 24.3 19.0 28.6



#50
Toluene-d8
Concen: 50.661 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046029.D
Acq: 02 May 2025 15:48

Tgt Ion: 98 Resp: 156803
Ion Ratio Lower Upper
98 100
100 65.1 52.2 78.4

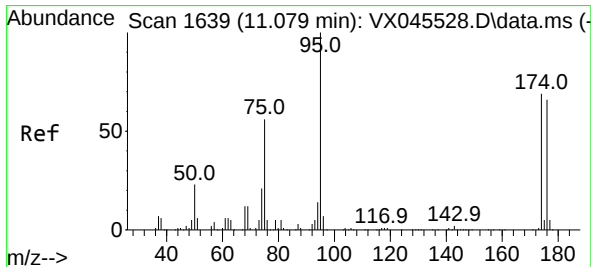
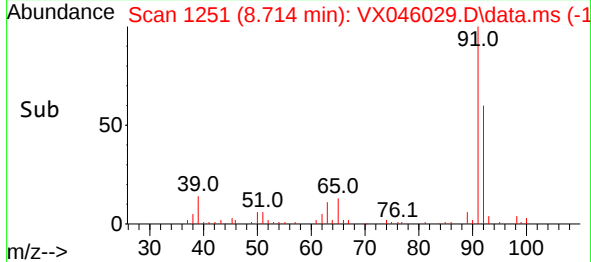
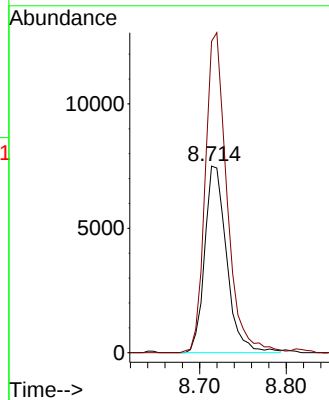
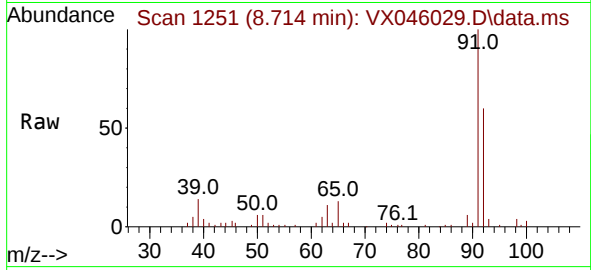




#52
Toluene
Concen: 5.981 ug/l
RT: 8.714 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046029.D
Acq: 02 May 2025 15:48

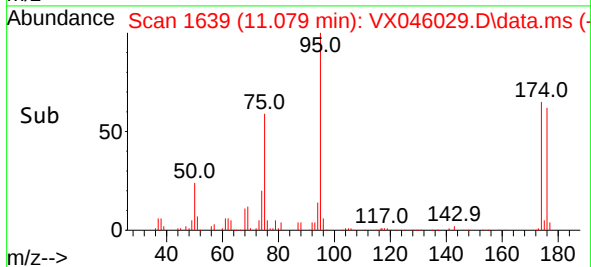
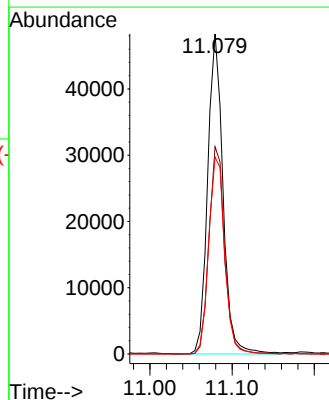
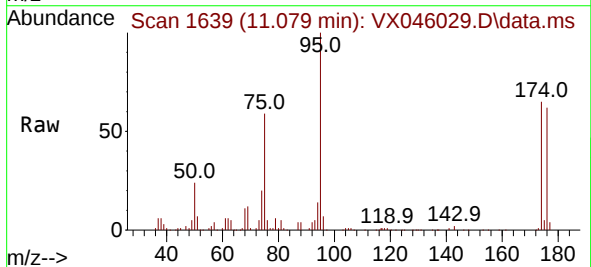
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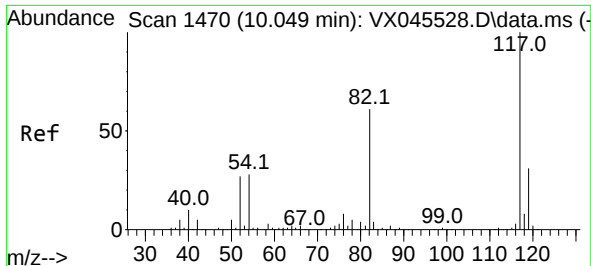
Tgt Ion: 92 Resp: 13235
Ion Ratio Lower Upper
92 100
91 169.4 138.7 208.1



#62
4-Bromofluorobenzene
Concen: 55.364 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046029.D
Acq: 02 May 2025 15:48

Tgt Ion: 95 Resp: 62417
Ion Ratio Lower Upper
95 100
174 65.6 0.0 135.8
176 64.2 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: VX046029.D

Acq: 02 May 2025 15:48

Instrument :

MSVOA_X

ClientSampleId :

WC-A1-04-G

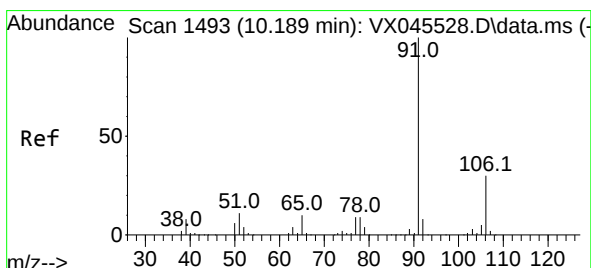
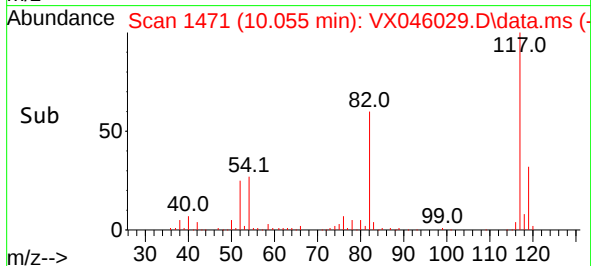
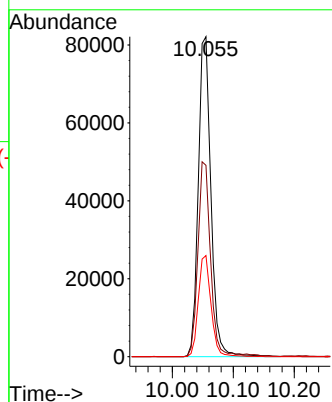
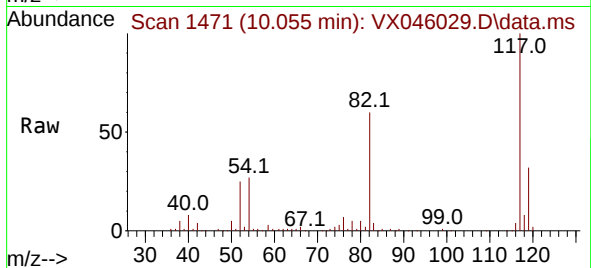
Tgt Ion:117 Resp: 118050

Ion Ratio Lower Upper

117 100

82 59.8 49.2 73.8

119 31.6 25.1 37.7



#67

Ethyl Benzene

Concen: 355.547 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. 0.000 min

Lab File: VX046029.D

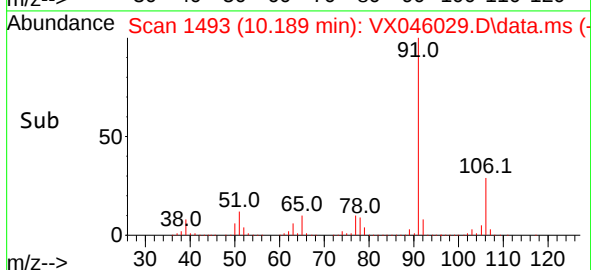
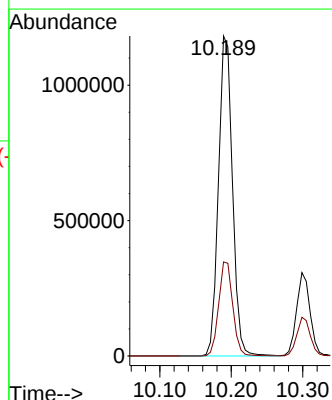
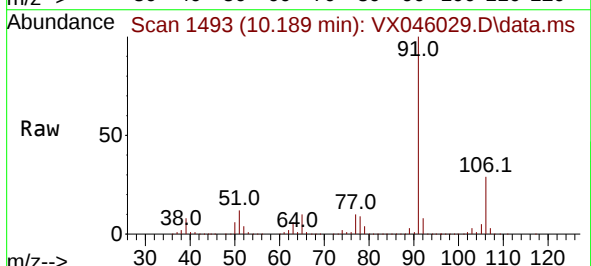
Acq: 02 May 2025 15:48

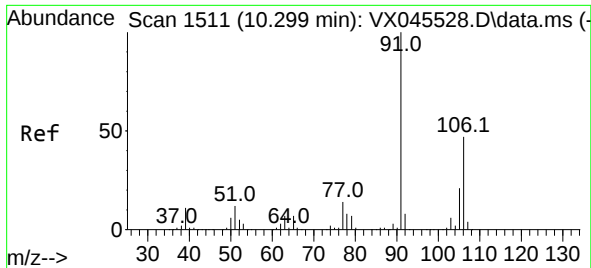
Tgt Ion: 91 Resp: 1606319

Ion Ratio Lower Upper

91 100

106 29.4 23.7 35.5

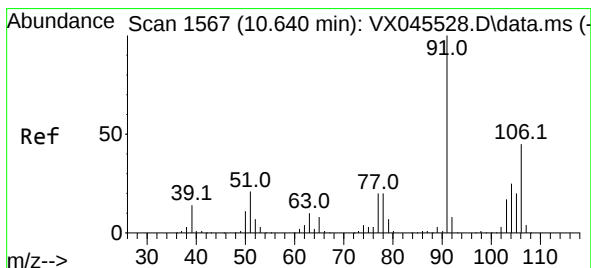
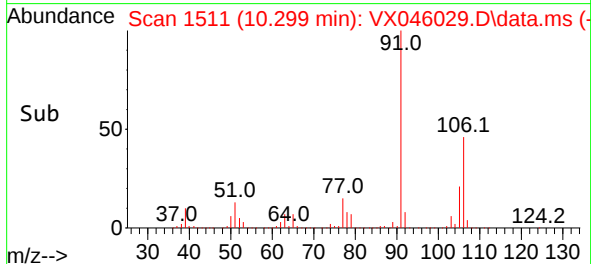
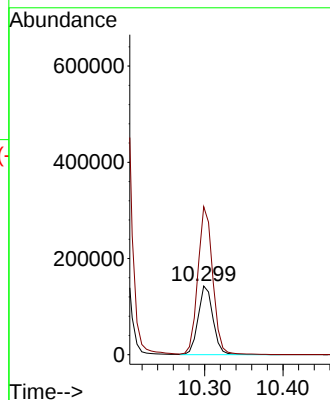
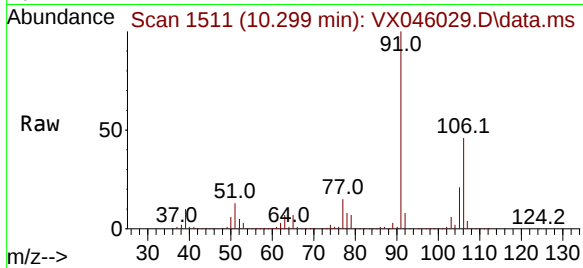




#68
m/p-Xylenes
Concen: 114.169 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046029.D
Acq: 02 May 2025 15:48

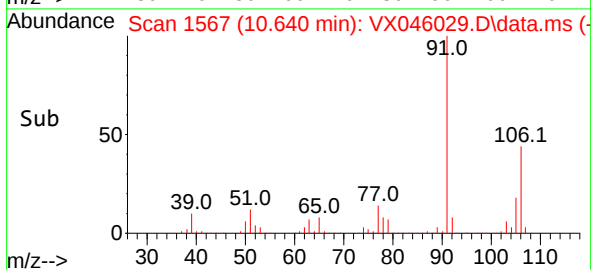
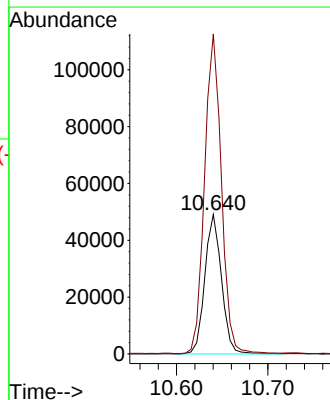
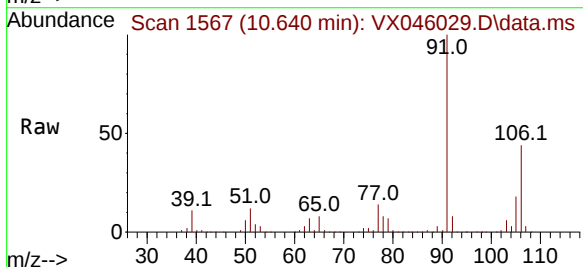
Instrument :
MSVOA_X
ClientSampleId :
WC-A1-04-G

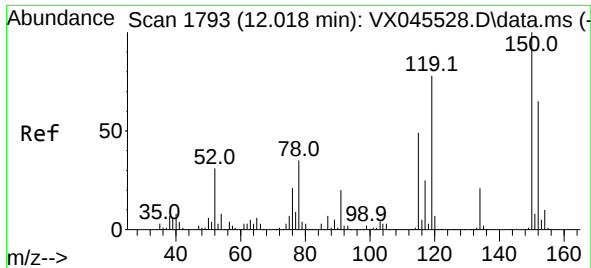
Tgt Ion:106 Resp: 187602
Ion Ratio Lower Upper
106 100
91 216.1 172.6 258.8



#69
o-Xylene
Concen: 38.324 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX046029.D
Acq: 02 May 2025 15:48

Tgt Ion:106 Resp: 62036
Ion Ratio Lower Upper
106 100
91 230.9 113.6 340.6

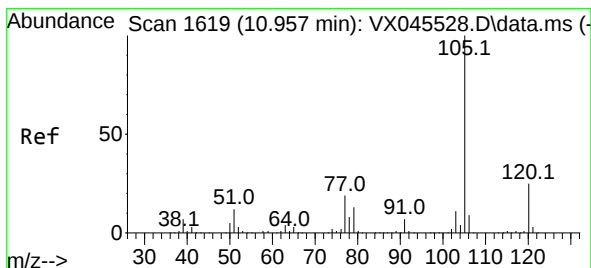
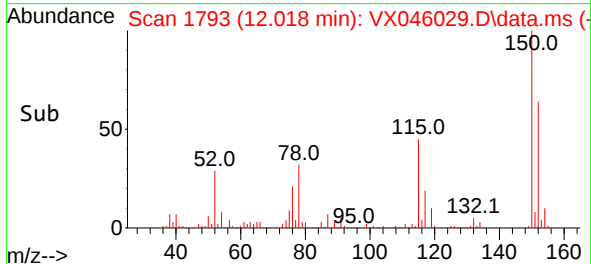
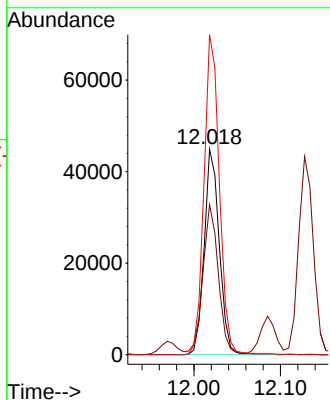
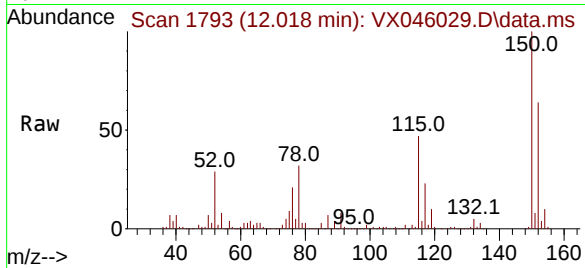




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX046029.D
 Acq: 02 May 2025 15:48

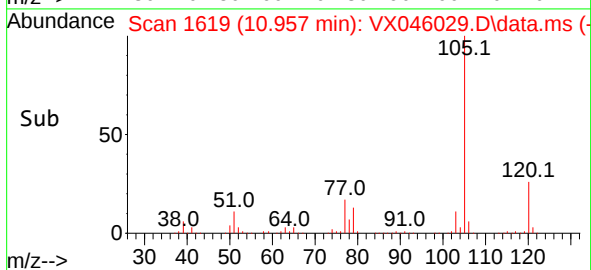
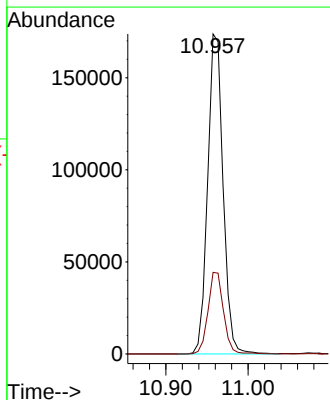
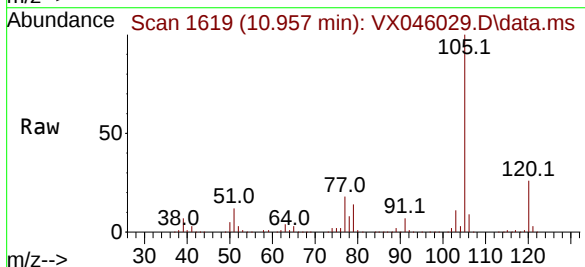
Instrument :
 MSVOA_X
 ClientSampleId :
 WC-A1-04-G

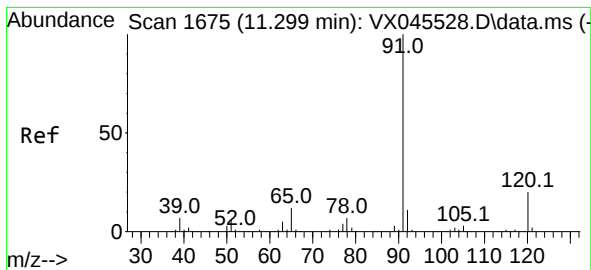
Tgt Ion:152 Resp: 54267
 Ion Ratio Lower Upper
 152 100
 115 73.3 46.9 140.7
 150 158.9 0.0 349.4



#73
 Isopropylbenzene
 Concen: 52.101 ug/l
 RT: 10.957 min Scan# 1619
 Delta R.T. -0.000 min
 Lab File: VX046029.D
 Acq: 02 May 2025 15:48

Tgt Ion:105 Resp: 226476
 Ion Ratio Lower Upper
 105 100
 120 25.6 12.7 38.0





#78

n-propylbenzene

Concen: 29.025 ug/l

RT: 11.305 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX046029.D

Acq: 02 May 2025 15:48

Instrument :

MSVOA_X

ClientSampleId :

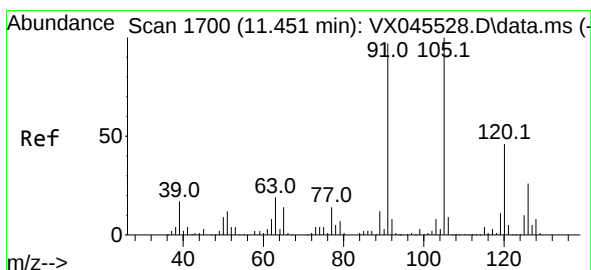
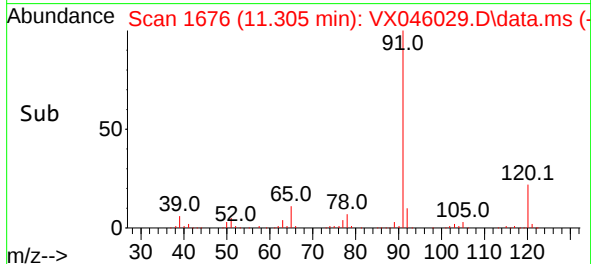
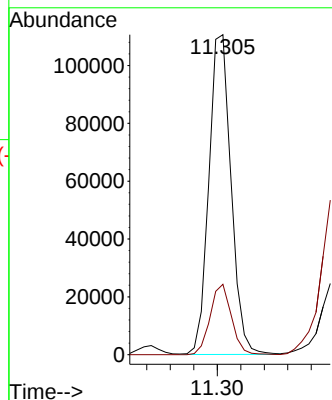
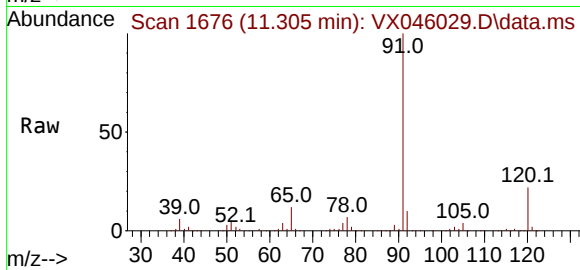
WC-A1-04-G

Tgt Ion: 91 Resp: 145323

Ion Ratio Lower Upper

91 100

120 21.1 10.8 32.3



#80

1,3,5-Trimethylbenzene

Concen: 34.814 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX046029.D

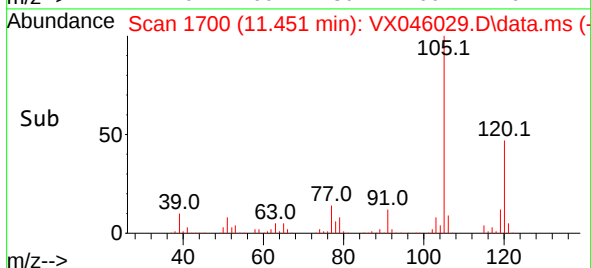
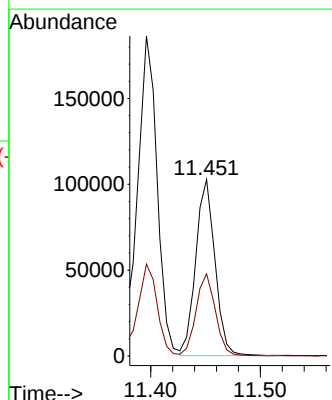
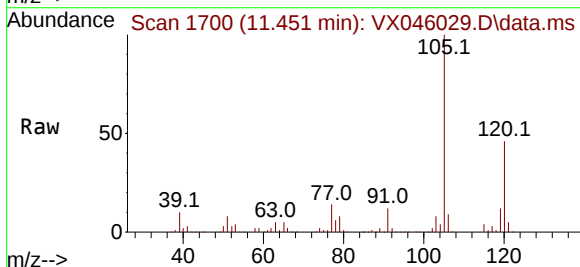
Acq: 02 May 2025 15:48

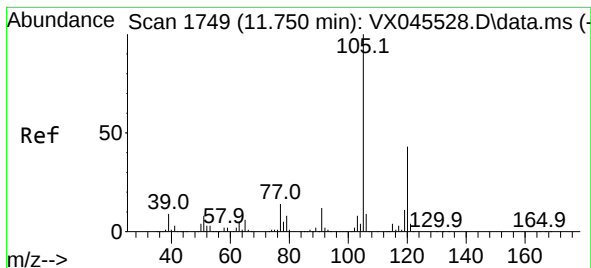
Tgt Ion:105 Resp: 125139

Ion Ratio Lower Upper

105 100

120 46.9 23.0 69.0





#84

1,2,4-Trimethylbenzene

Concen: 158.308 ug/l

RT: 11.750 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX046029.D

Acq: 02 May 2025 15:48

Instrument :

MSVOA_X

ClientSampleId :

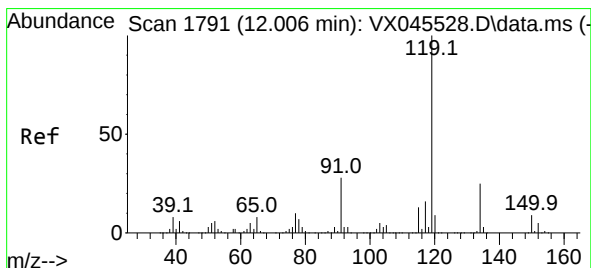
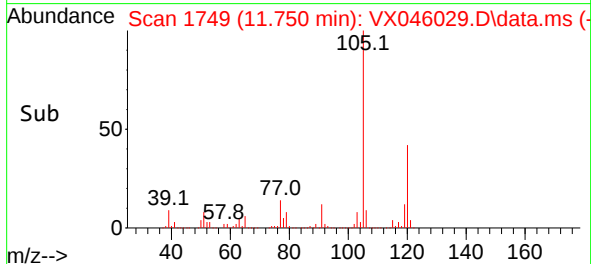
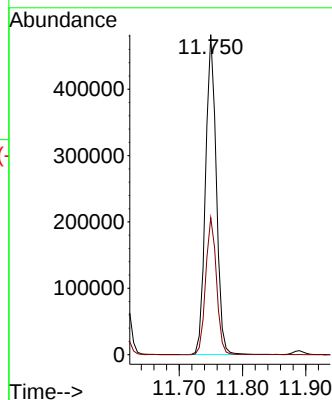
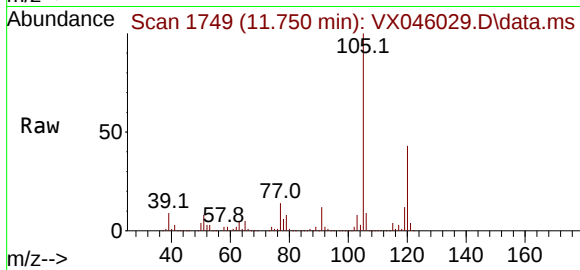
WC-A1-04-G

Tgt Ion:105 Resp: 571128

Ion Ratio Lower Upper

105 100

120 43.0 21.4 64.3



#86

p-Isopropyltoluene

Concen: 6.108 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX046029.D

Acq: 02 May 2025 15:48

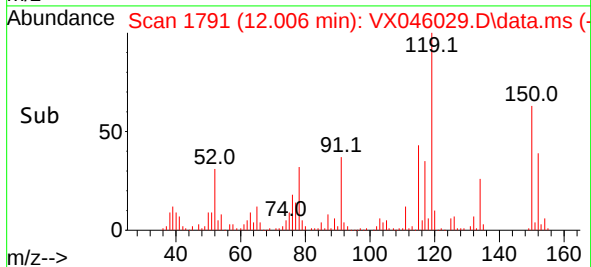
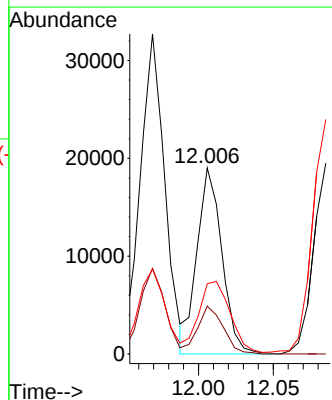
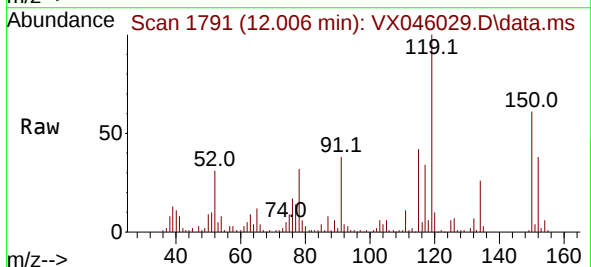
Tgt Ion:119 Resp: 22009

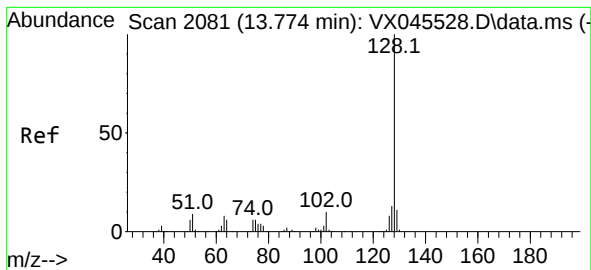
Ion Ratio Lower Upper

119 100

134 26.4 12.6 37.8

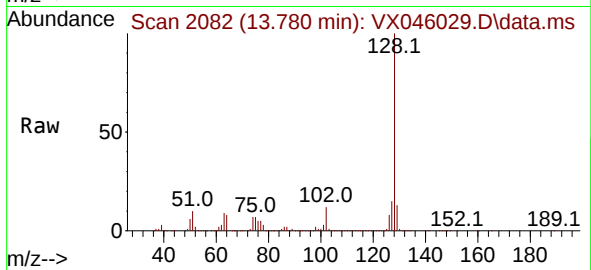
91 0.0 13.7 41.1#





#95
Naphthalene
Concen: 2328.882 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX046029.D
Acq: 02 May 2025 15:48

Instrument :
MSVOA_X
ClientSampleId :
WC-A1-04-G



Tgt Ion:128 Resp: 8768541
Ion Ratio Lower Upper
128 100
127 14.1 10.3 15.5
129 12.4 8.6 12.8

