

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050225\
 Data File : VX046027.D
 Acq On : 02 May 2025 15:01
 Operator : JC/MD
 Sample : Q1929-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-A4-02-G

Quant Time: May 02 23:16:48 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)

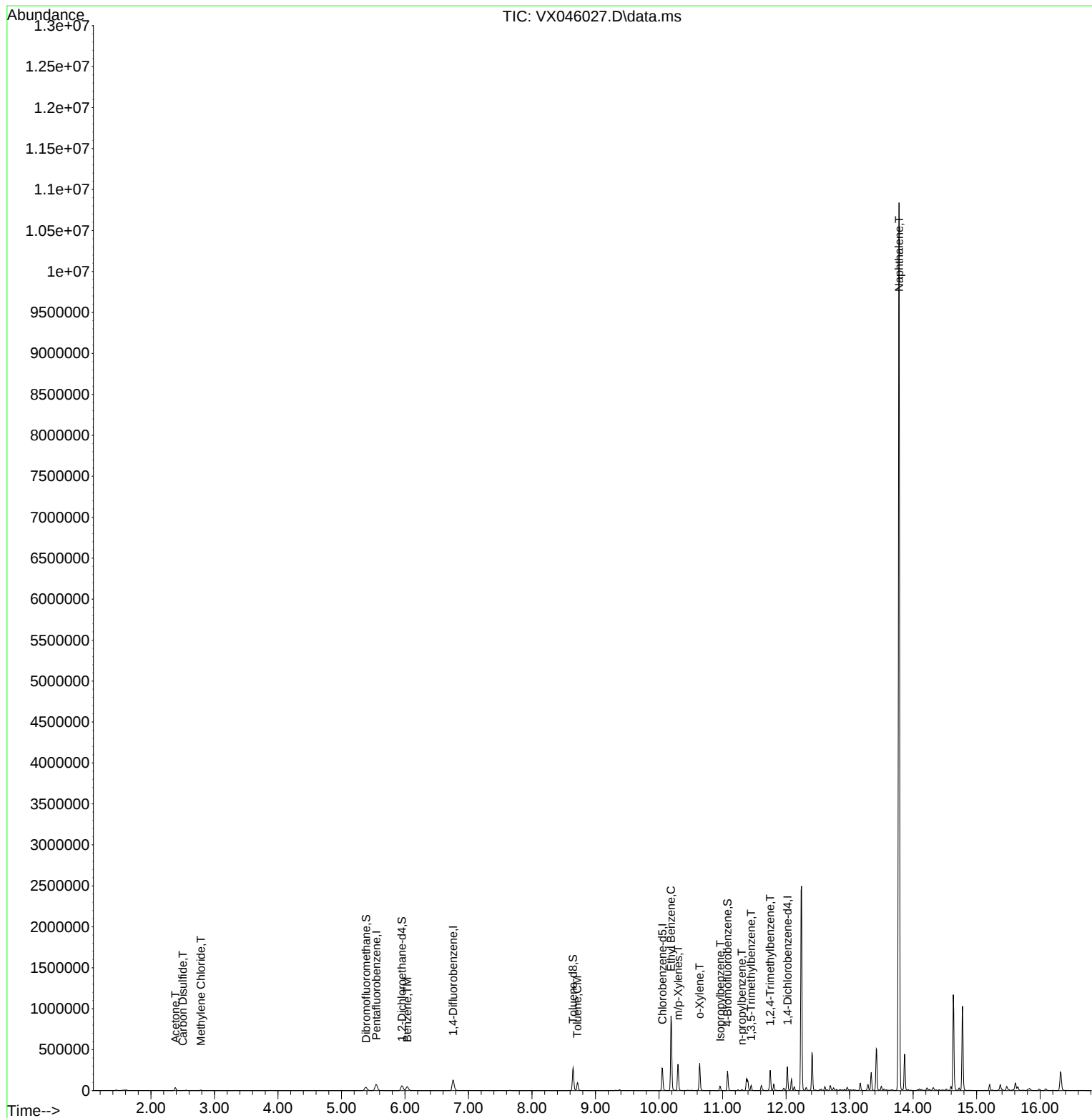
Internal Standards						
1) Pentafluorobenzene	5.550	168	63805	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	123985	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	115584	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	53234	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	62393	53.472	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.940%	
35) Dibromofluoromethane	5.385	113	35961	40.880	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 81.760%	
50) Toluene-d8	8.647	98	157375	51.255	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.520%	
62) 4-Bromofluorobenzene	11.079	95	59851	53.515	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 107.020%	
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	40028	83.543	ug/l	94
17) Carbon Disulfide	2.502	76	2419	1.279	ug/l	99
20) Methylene Chloride	2.788	84	2985	3.328	ug/l	94
40) Benzene	6.037	78	55977	15.431	ug/l	99
52) Toluene	8.714	92	35491	16.169	ug/l	99
67) Ethyl Benzene	10.189	91	507434	114.713	ug/l	100
68) m/p-Xylenes	10.299	106	68101	42.329	ug/l	100
69) o-Xylene	10.640	106	64098	40.443	ug/l	95
73) Isopropylbenzene	10.963	105	28003	6.567	ug/l	98
78) n-propylbenzene	11.305	91	8812	1.794	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	27631	7.836	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	102456	28.950	ug/l	100
95) Naphthalene	13.780	128	6062119	1641.312	ug/l	98

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

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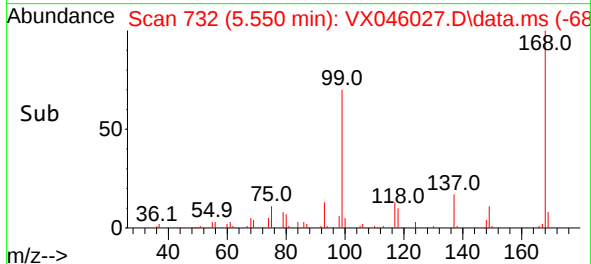
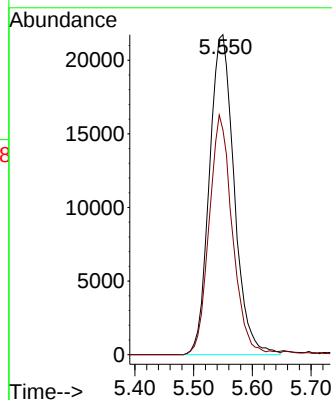
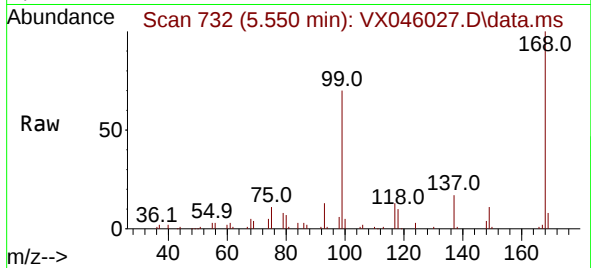




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX046027.D
Acq: 02 May 2025 15:01

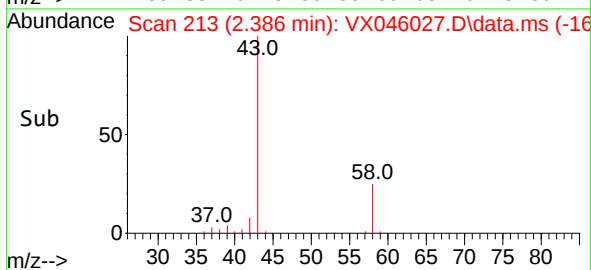
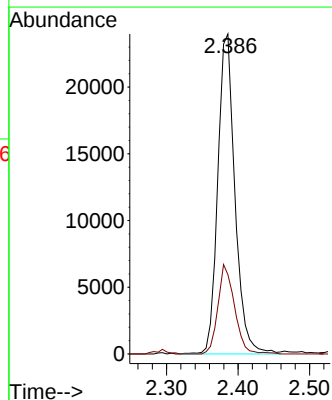
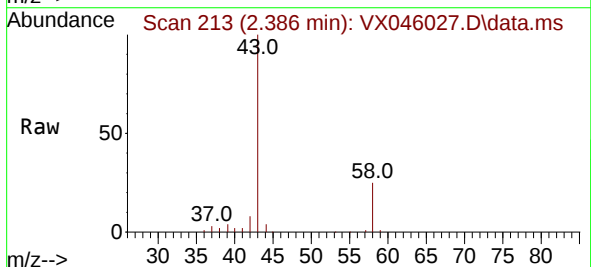
Instrument :
MSVOA_X
ClientSampleId :
WC-A4-02-G

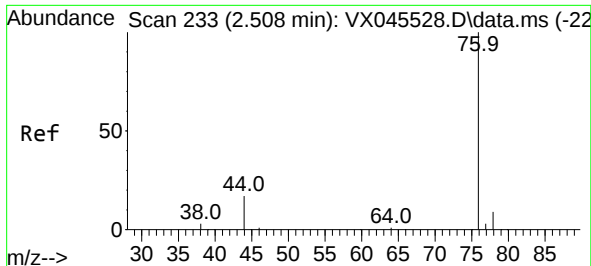
Tgt Ion:168 Resp: 63805
Ion Ratio Lower Upper
168 100
99 70.2 52.3 78.5



#16
Acetone
Concen: 83.543 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046027.D
Acq: 02 May 2025 15:01

Tgt Ion: 43 Resp: 40028
Ion Ratio Lower Upper
43 100
58 24.8 22.3 33.5

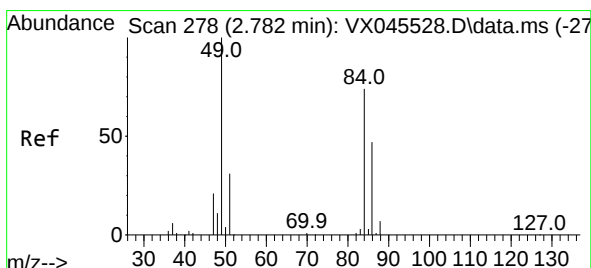
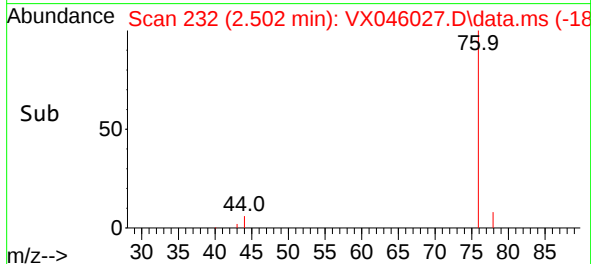
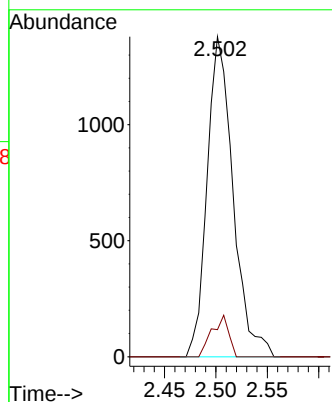
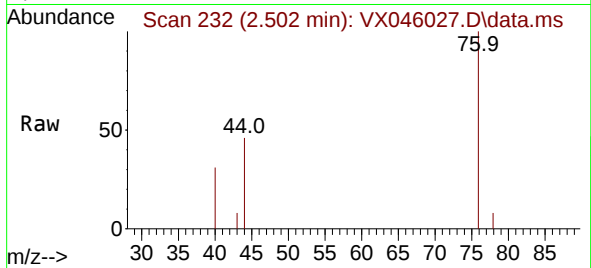




#17
Carbon Disulfide
Concen: 1.279 ug/l
RT: 2.502 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX046027.D
Acq: 02 May 2025 15:01

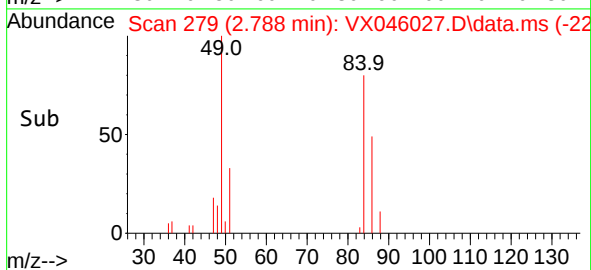
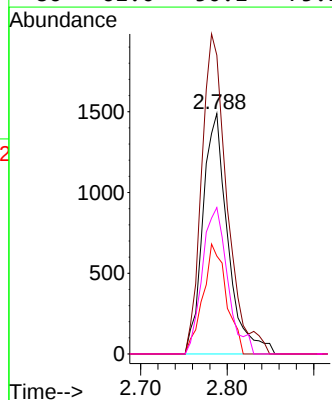
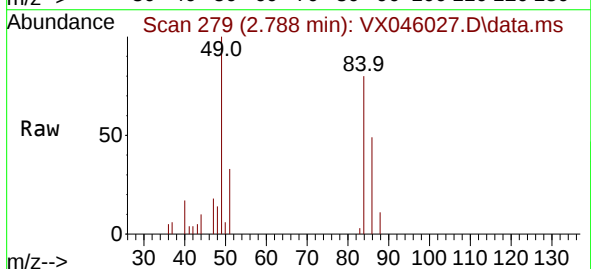
Instrument :
MSVOA_X
ClientSampleId :
WC-A4-02-G

Tgt Ion: 76 Resp: 2419
Ion Ratio Lower Upper
76 100
78 8.5 7.0 10.6



#20
Methylene Chloride
Concen: 3.328 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX046027.D
Acq: 02 May 2025 15:01

Tgt Ion: 84 Resp: 2985
Ion Ratio Lower Upper
84 100
49 124.3 107.5 161.3
51 40.8 33.0 49.6
86 61.0 50.1 75.1





#33

1,2-Dichloroethane-d4

Concen: 53.472 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX046027.D

Acq: 02 May 2025 15:01

Instrument :

MSVOA_X

ClientSampleId :

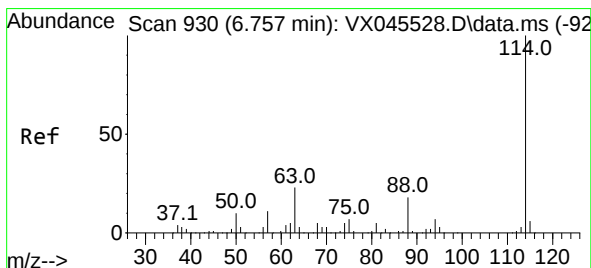
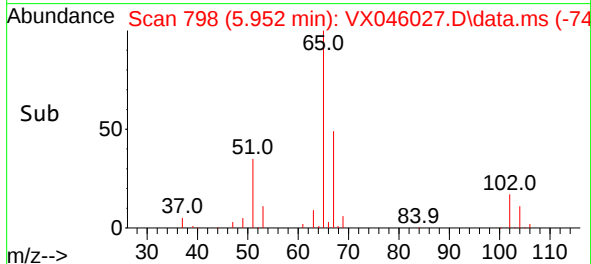
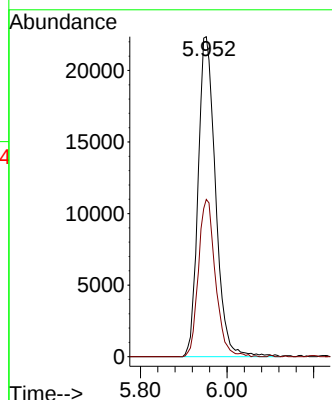
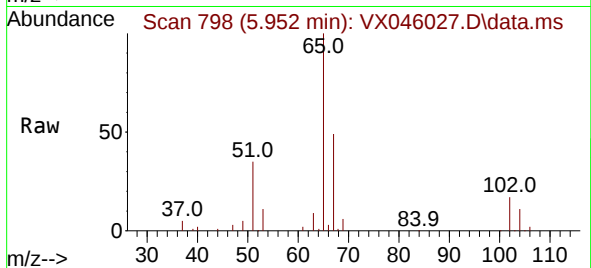
WC-A4-02-G

Tgt Ion: 65 Resp: 62393

Ion Ratio Lower Upper

65 100

67 48.0 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: VX046027.D

Acq: 02 May 2025 15:01

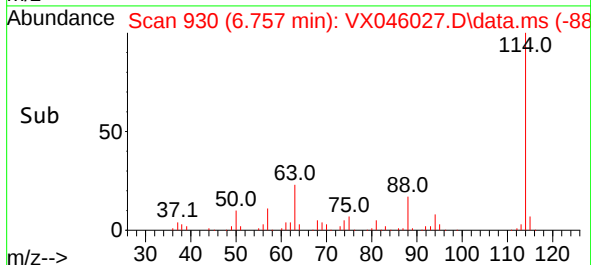
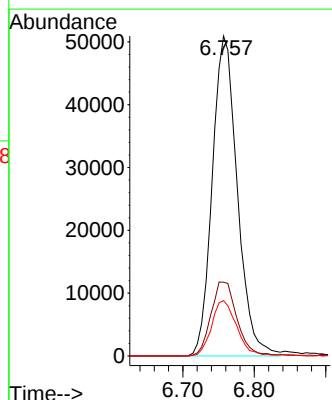
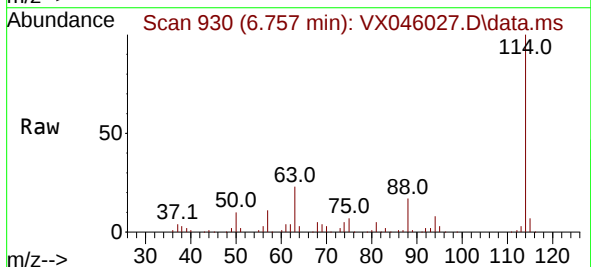
Tgt Ion: 114 Resp: 123985

Ion Ratio Lower Upper

114 100

63 23.0 0.0 46.8

88 17.3 0.0 35.4

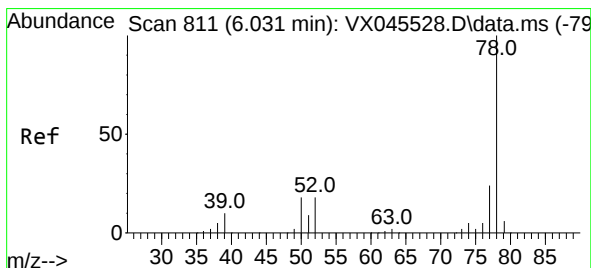
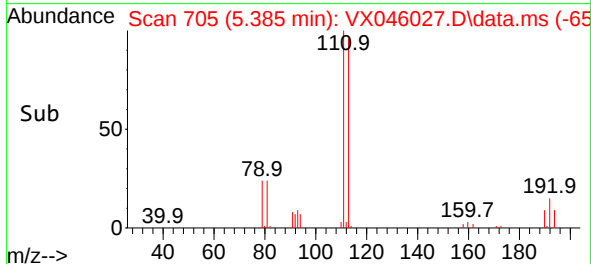
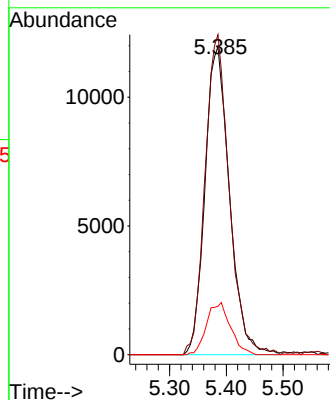
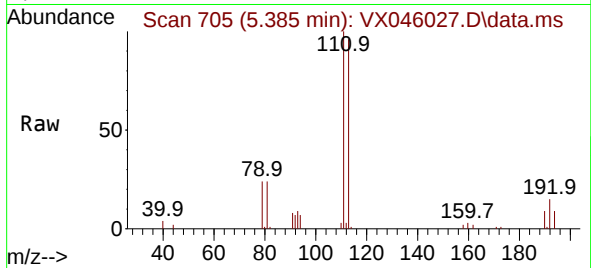




#35
Dibromofluoromethane
Concen: 40.880 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX046027.D
Acq: 02 May 2025 15:01

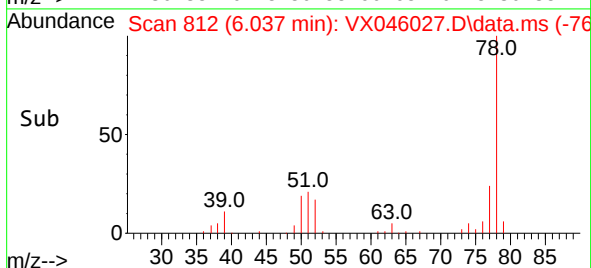
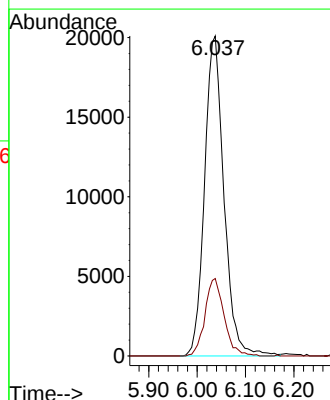
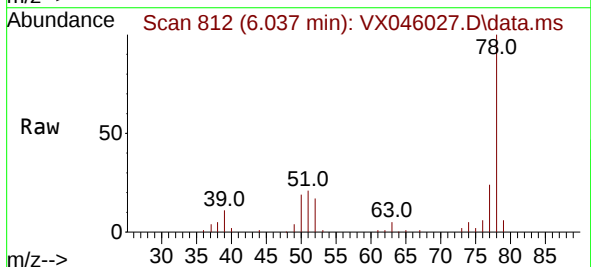
Instrument :
MSVOA_X
ClientSampleId :
WC-A4-02-G

Tgt Ion:113 Resp: 35961
Ion Ratio Lower Upper
113 100
111 102.1 81.8 122.6
192 16.5 13.8 20.6



#40
Benzene
Concen: 15.431 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX046027.D
Acq: 02 May 2025 15:01

Tgt Ion: 78 Resp: 55977
Ion Ratio Lower Upper
78 100
77 24.2 19.0 28.6

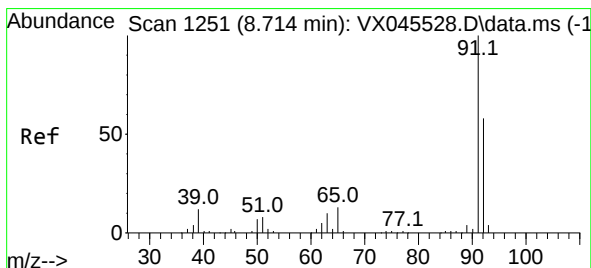
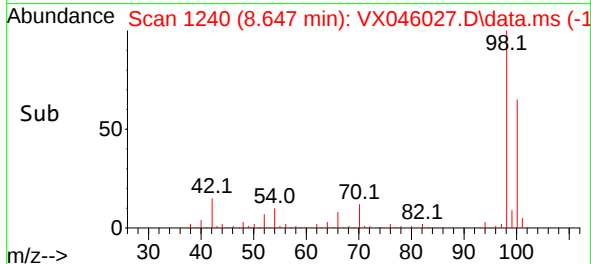
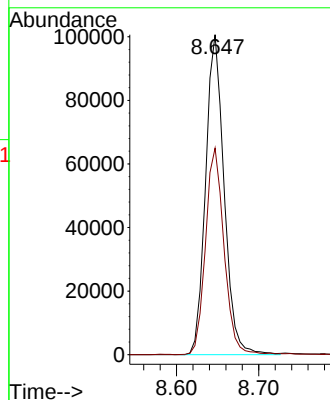
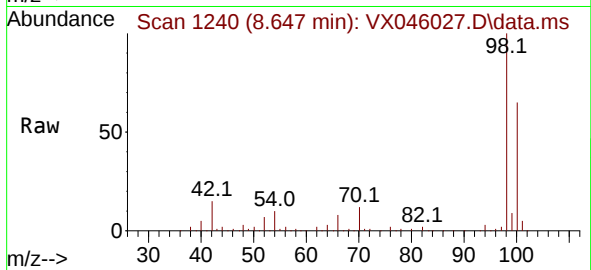




#50
Toluene-d8
Concen: 51.255 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046027.D
Acq: 02 May 2025 15:01

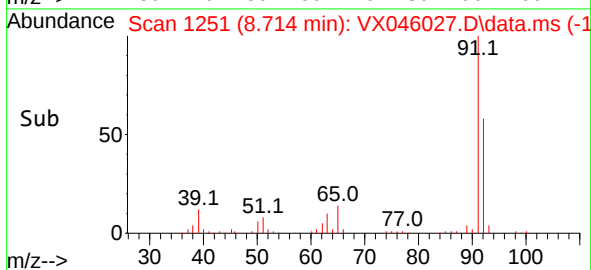
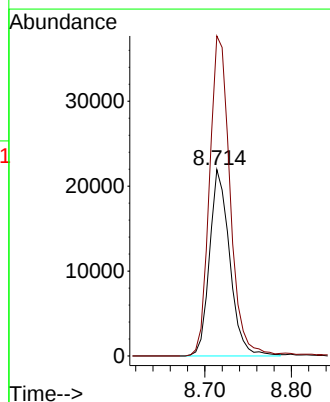
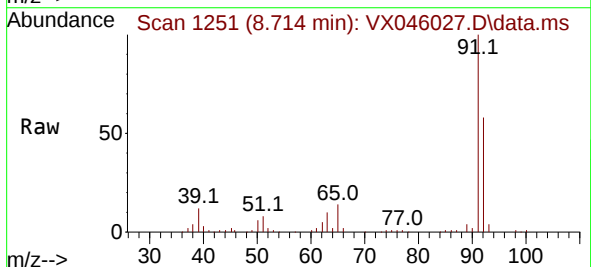
Instrument :
MSVOA_X
ClientSampleId :
WC-A4-02-G

Tgt Ion: 98 Resp: 157375
Ion Ratio Lower Upper
98 100
100 64.8 52.2 78.4



#52
Toluene
Concen: 16.169 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX046027.D
Acq: 02 May 2025 15:01

Tgt Ion: 92 Resp: 35491
Ion Ratio Lower Upper
92 100
91 174.9 138.7 208.1

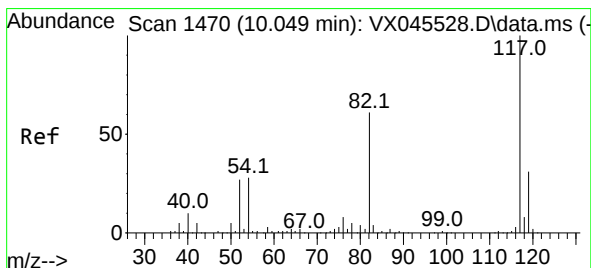
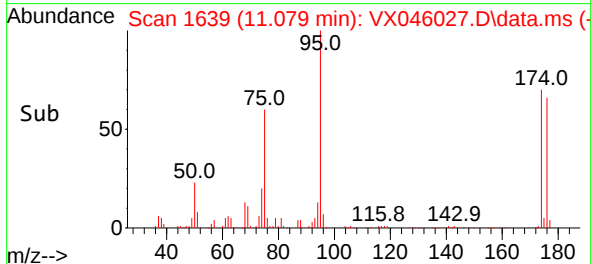
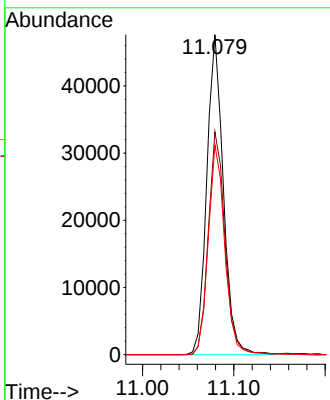
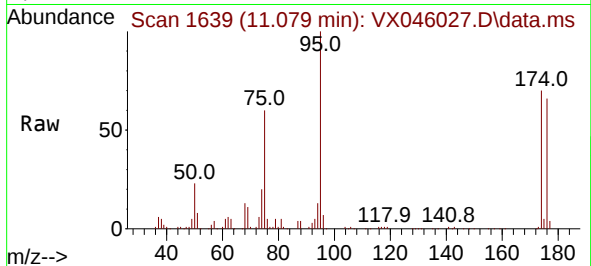




#62
4-Bromofluorobenzene
Concen: 53.515 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046027.D
Acq: 02 May 2025 15:01

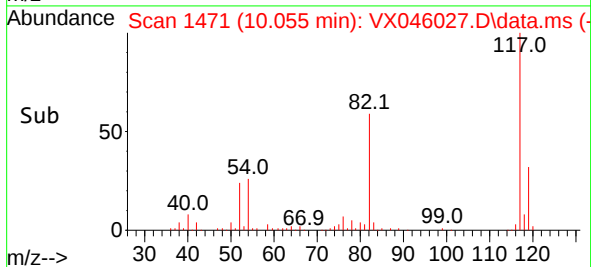
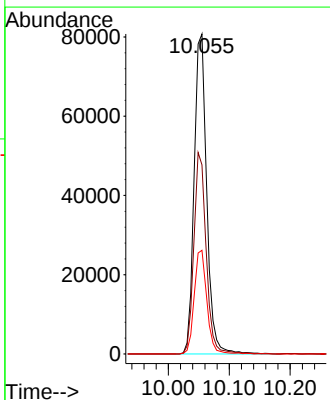
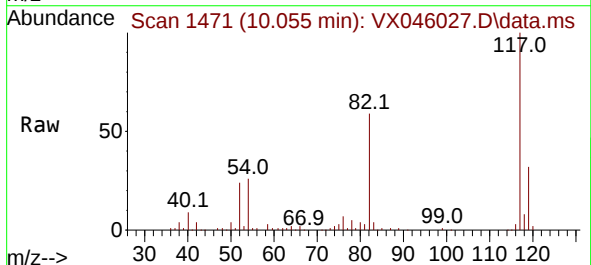
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MSVOA_X
ClientSampleId :
WC-A4-02-G

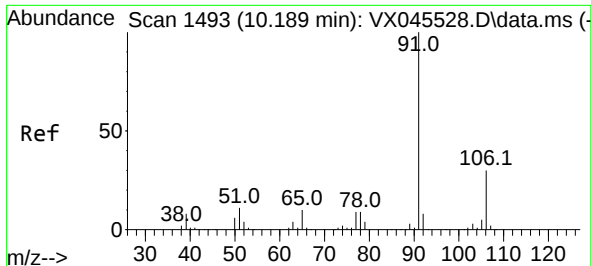
Tgt Ion: 95 Resp: 59851
Ion Ratio Lower Upper
95 100
174 70.0 0.0 135.8
176 65.6 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX046027.D
Acq: 02 May 2025 15:01

Tgt Ion: 117 Resp: 115584
Ion Ratio Lower Upper
117 100
82 59.1 49.2 73.8
119 32.4 25.1 37.7





#67

Ethyl Benzene

Concen: 114.713 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. 0.000 min

Lab File: VX046027.D

Acq: 02 May 2025 15:01

Instrument :

MSVOA_X

ClientSampleId :

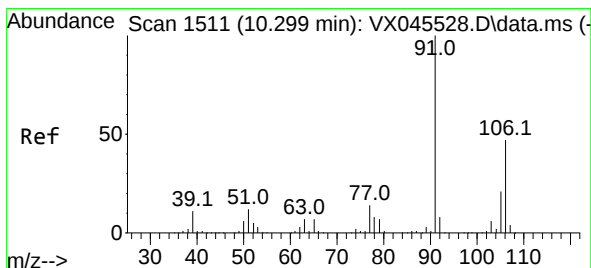
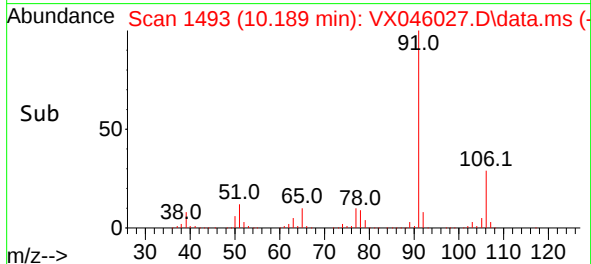
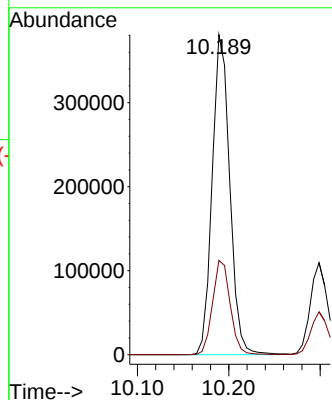
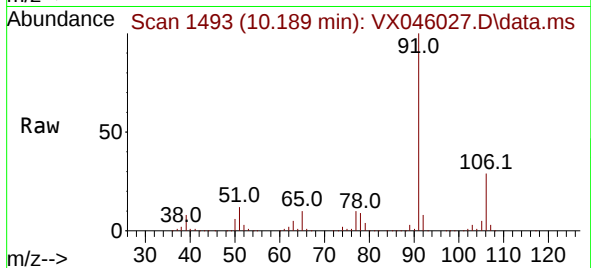
WC-A4-02-G

Tgt Ion: 91 Resp: 507434

Ion Ratio Lower Upper

91 100

106 29.5 23.7 35.5



#68

m/p-Xylenes

Concen: 42.329 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX046027.D

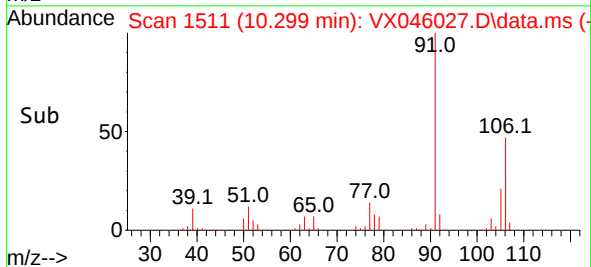
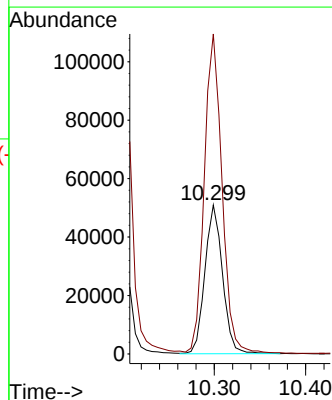
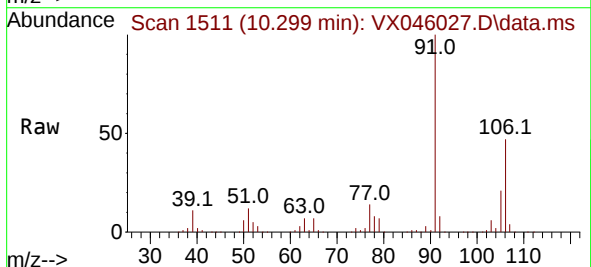
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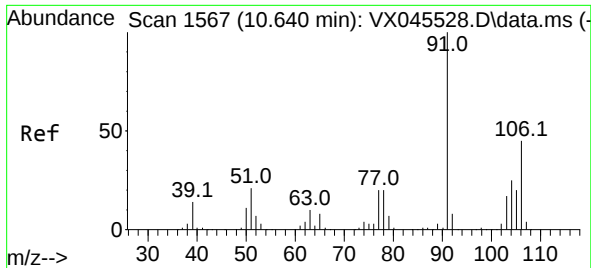
Tgt Ion:106 Resp: 68101

Ion Ratio Lower Upper

106 100

91 216.3 172.6 258.8

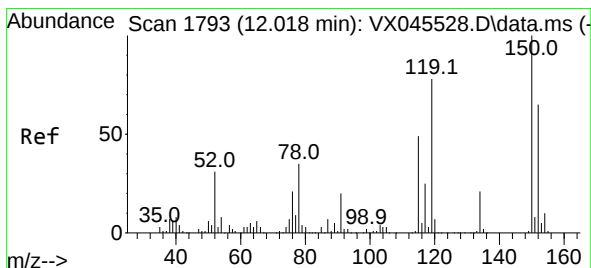
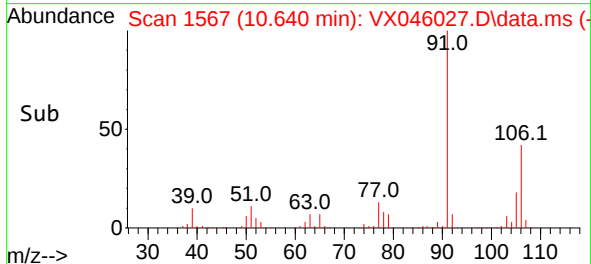
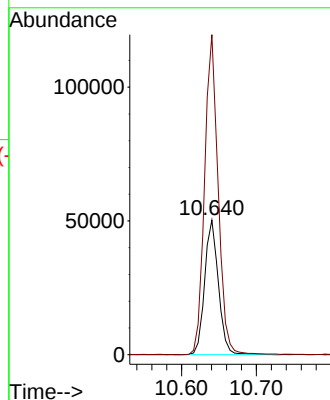
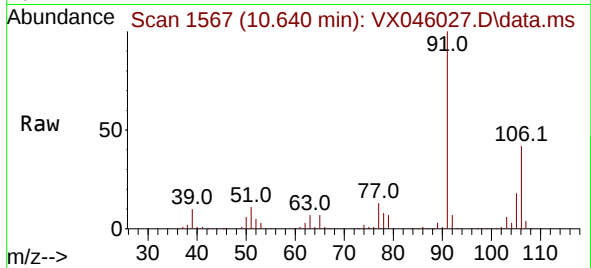




#69
o-Xylene
Concen: 40.443 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046027.D
Acq: 02 May 2025 15:01

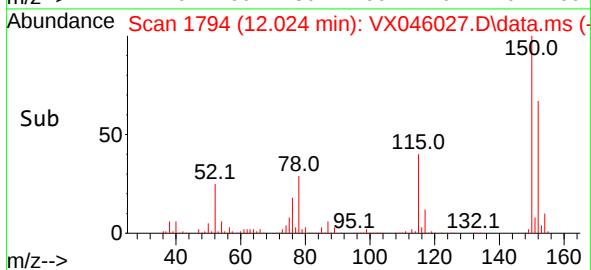
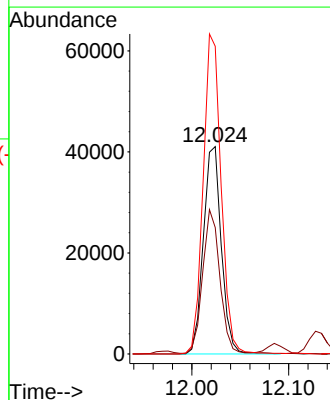
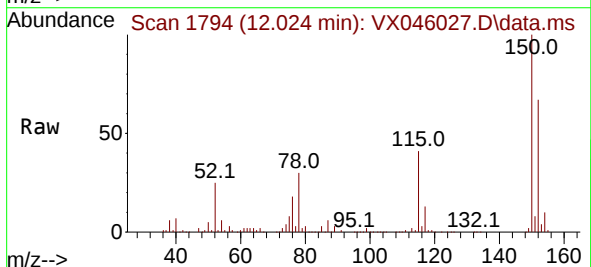
Instrument :
MSVOA_X
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WC-A4-02-G

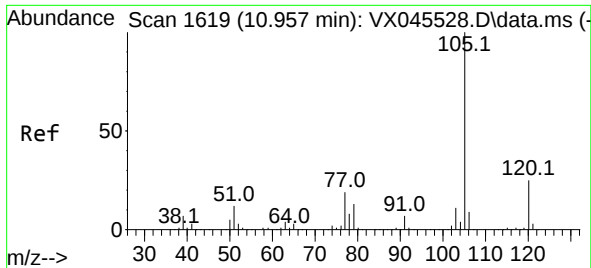
Tgt Ion:106 Resp: 64098
Ion Ratio Lower Upper
106 100
91 235.6 113.6 340.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX046027.D
Acq: 02 May 2025 15:01

Tgt Ion:152 Resp: 53234
Ion Ratio Lower Upper
152 100
115 65.7 46.9 140.7
150 154.0 0.0 349.4

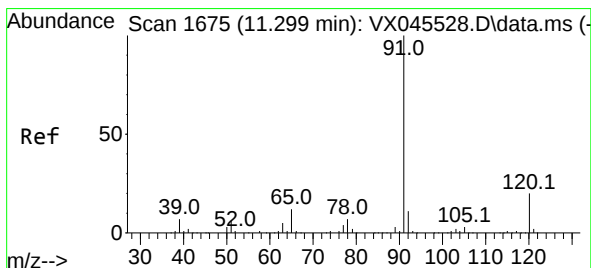
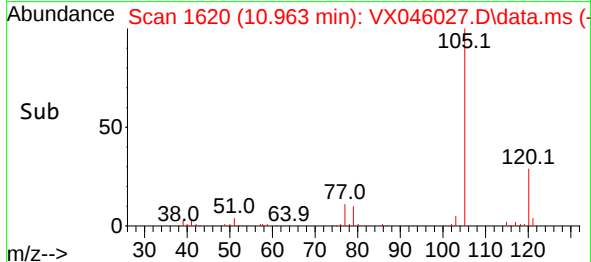
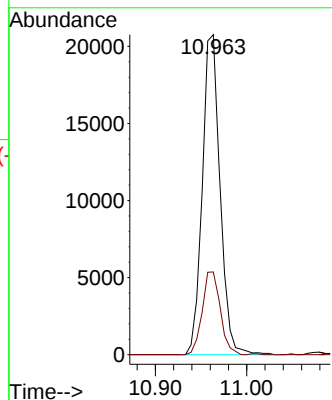
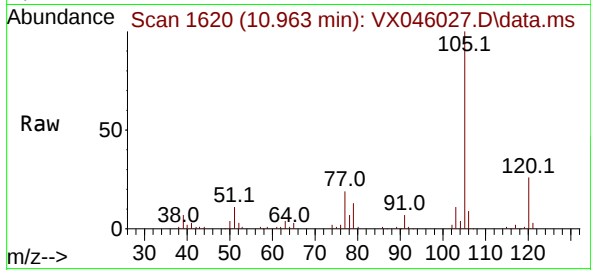




#73
Isopropylbenzene
Concen: 6.567 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.006 min
Lab File: VX046027.D
Acq: 02 May 2025 15:01

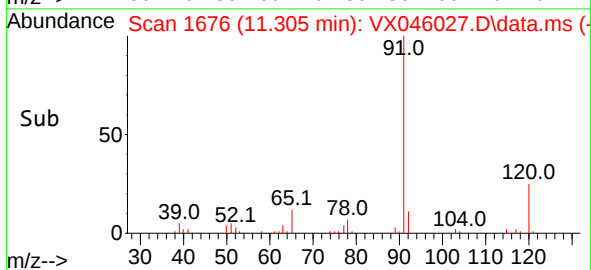
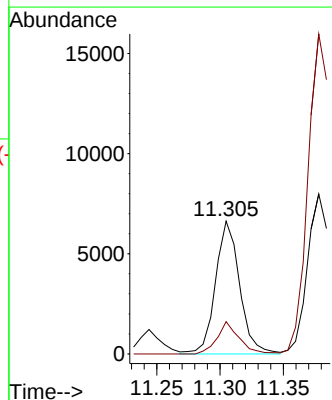
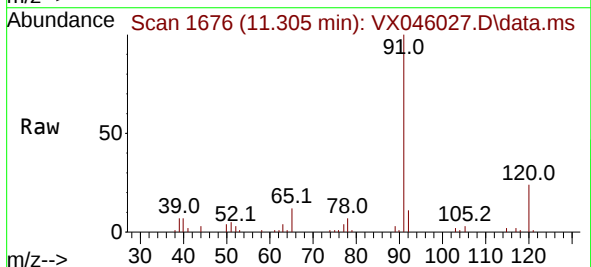
Instrument :
MSVOA_X
ClientSampleId :
WC-A4-02-G

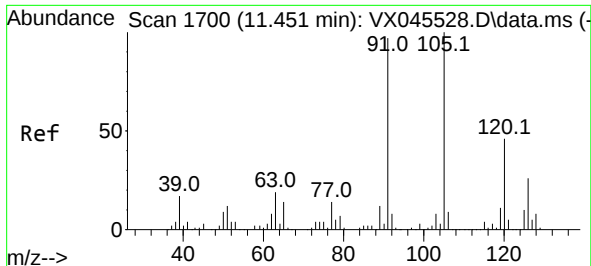
Tgt Ion:105 Resp: 28003
Ion Ratio Lower Upper
105 100
120 26.2 12.7 38.0



#78
n-propylbenzene
Concen: 1.794 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX046027.D
Acq: 02 May 2025 15:01

Tgt Ion: 91 Resp: 8812
Ion Ratio Lower Upper
91 100
120 22.5 10.8 32.3

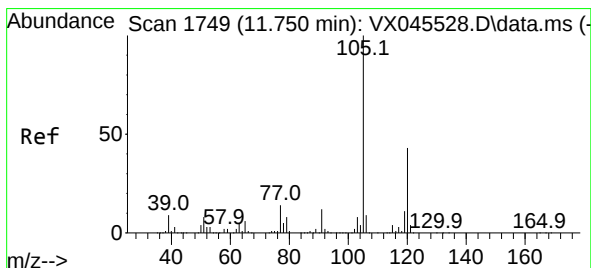
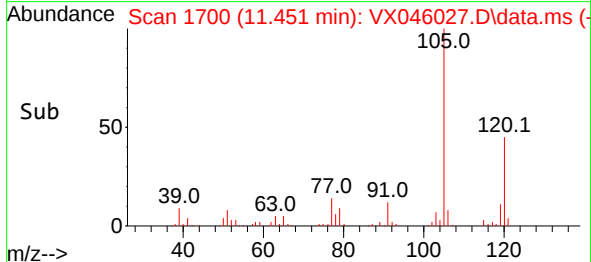
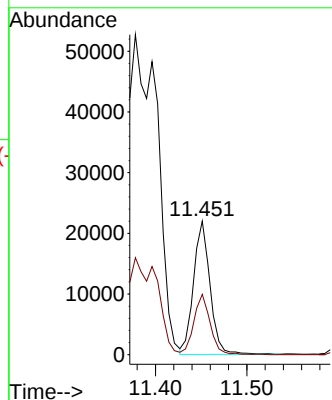
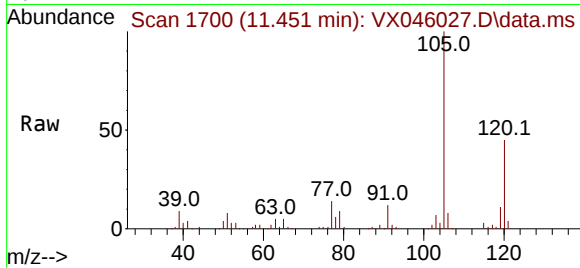




#80
1,3,5-Trimethylbenzene
Concen: 7.836 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046027.D
Acq: 02 May 2025 15:01

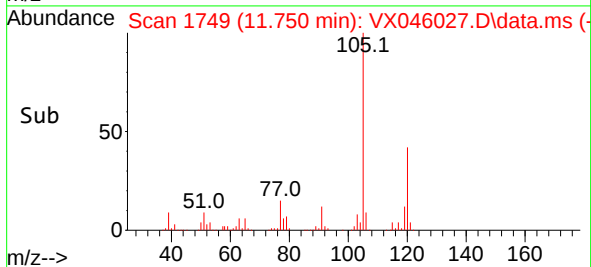
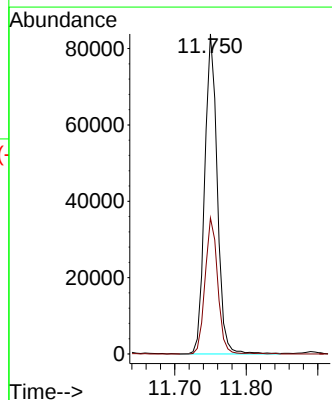
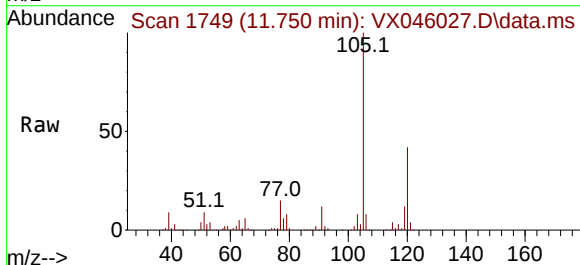
Instrument :
MSVOA_X
ClientSampleId :
WC-A4-02-G

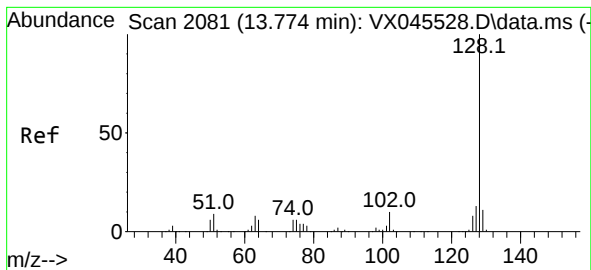
Tgt Ion:105 Resp: 27631
Ion Ratio Lower Upper
105 100
120 45.1 23.0 69.0



#84
1,2,4-Trimethylbenzene
Concen: 28.950 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX046027.D
Acq: 02 May 2025 15:01

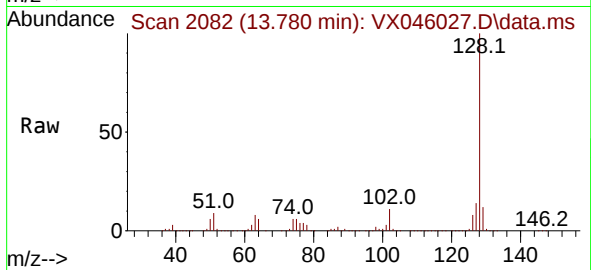
Tgt Ion:105 Resp: 102456
Ion Ratio Lower Upper
105 100
120 42.7 21.4 64.3





#95
Naphthalene
Concen: 1641.312 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX046027.D
Acq: 02 May 2025 15:01

Instrument :
MSVOA_X
ClientSampleId :
WC-A4-02-G



Tgt Ion:128 Resp: 6062119
Ion Ratio Lower Upper
128 100
127 13.5 10.3 15.5
129 11.7 8.6 12.8

