

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051325\
 Data File : VX046165.D
 Acq On : 13 May 2025 14:48
 Operator : JC/MD
 Sample : Q2001-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-A1-06-G

Quant Time: May 14 01:40:49 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)

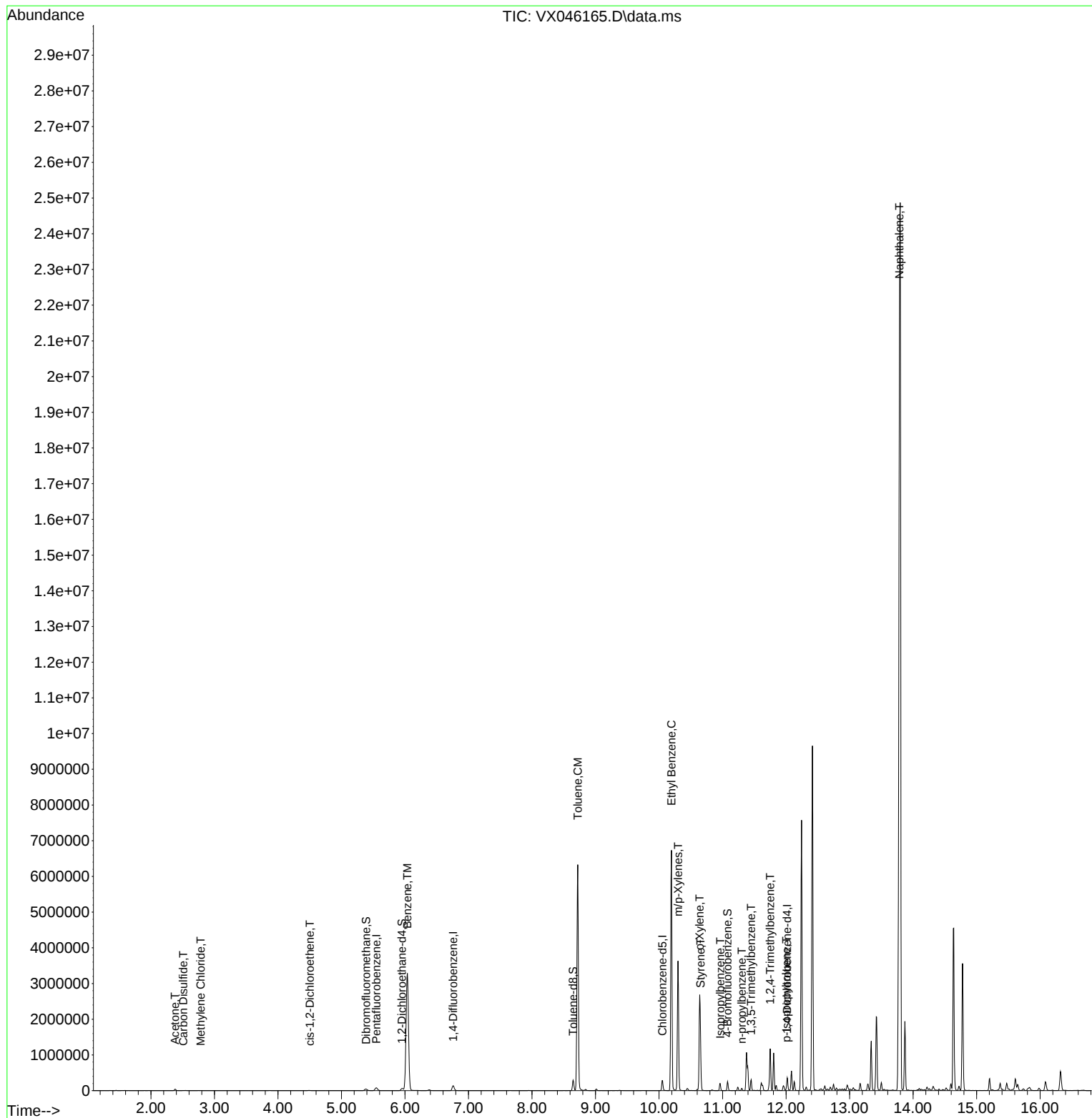
Internal Standards						
1) Pentafluorobenzene	5.550	168	69385	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	132178	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	122795	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	59221	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66347	51.290	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.580%			
35) Dibromofluoromethane	5.385	113	40232	42.268	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 84.540%			
50) Toluene-d8	8.647	98	168390	51.114	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.220%			
62) 4-Bromofluorobenzene	11.079	95	66336	52.494	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.980%			
Target Compounds					Qvalue	
16) Acetone	2.379	43	45437	87.605	ug/l	97
17) Carbon Disulfide	2.508	76	3924	2.012	ug/l	98
20) Methylene Chloride	2.782	84	2116	2.129	ug/l #	80
27) cis-1,2-Dichloroethene	4.501	96	4018	4.034	ug/l	87
40) Benzene	6.037	78	3806094	1016.064	ug/l	99
52) Toluene	8.720	92	2344174	1020.567	ug/l	98
67) Ethyl Benzene	10.195	91	3729573	787.219	ug/l	98
68) m/p-Xylenes	10.299	106	758271	437.608	ug/l	99
69) o-Xylene	10.640	106	471049	278.847	ug/l	98
70) Styrene	10.652	104	341245	123.316	ug/l #	85
73) Isopropylbenzene	10.963	105	105478	22.878	ug/l	99
78) n-propylbenzene	11.305	91	38801	7.238	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	130552	33.894	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	473572	121.409	ug/l	99
86) p-Isopropyltoluene	12.006	119	12837	3.265	ug/l #	71
95) Naphthalene	13.786	128	18506550	4481.511	ug/l #	90

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

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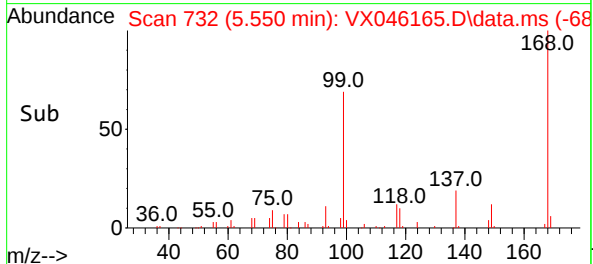
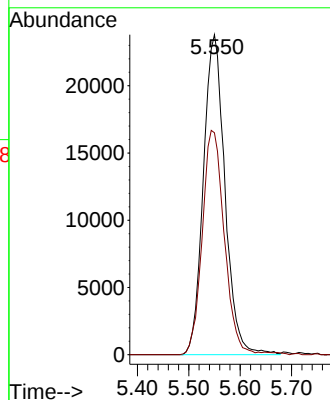
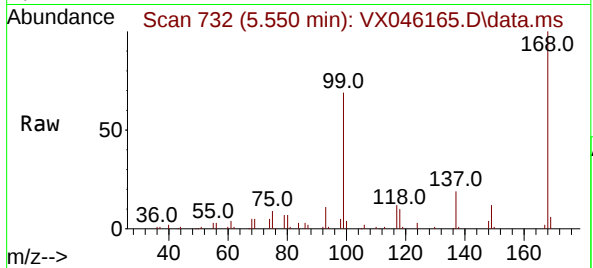




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046165.D
Acq: 13 May 2025 14:48

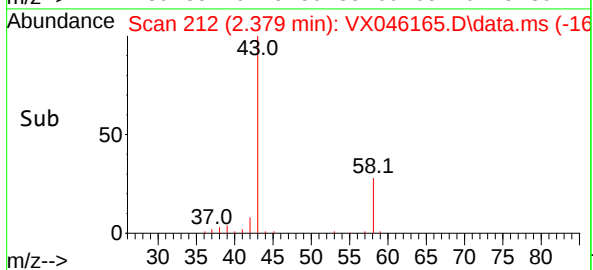
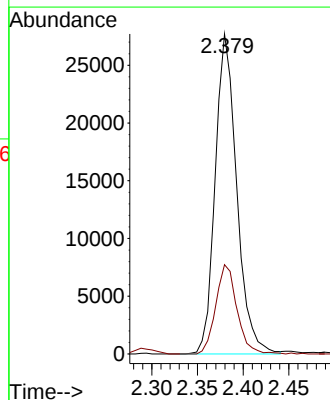
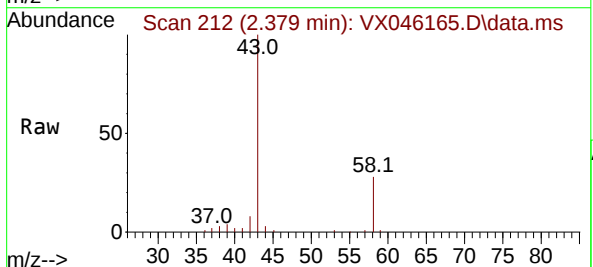
Instrument :
MSVOA_X
ClientSampleId :
WC-A1-06-G

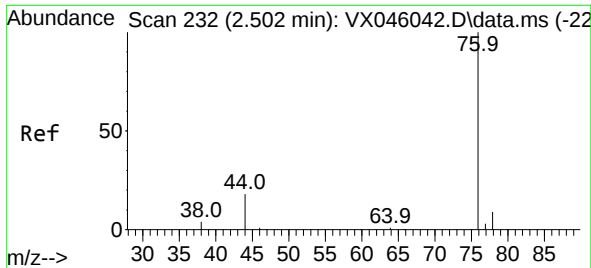
Tgt Ion:168 Resp: 69385
Ion Ratio Lower Upper
168 100
99 69.3 54.9 82.3



#16
Acetone
Concen: 87.605 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046165.D
Acq: 13 May 2025 14:48

Tgt Ion: 43 Resp: 45437
Ion Ratio Lower Upper
43 100
58 27.9 21.2 31.8

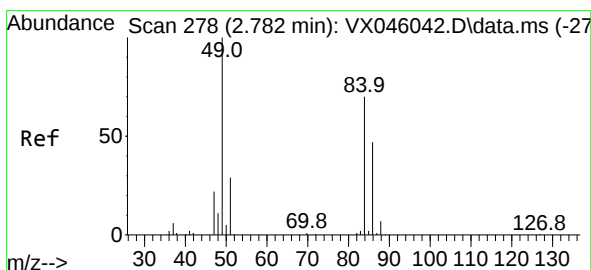
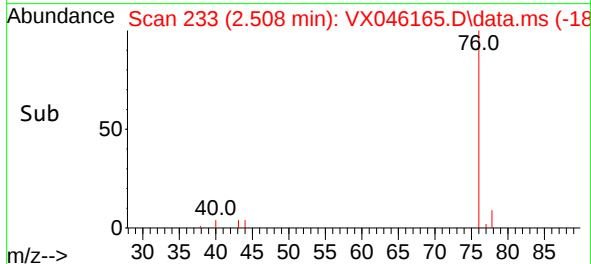
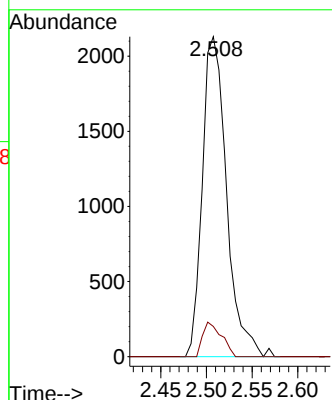
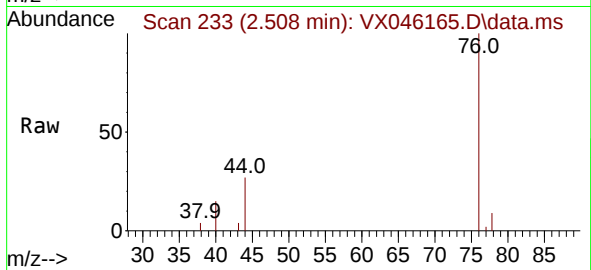




#17
Carbon Disulfide
Concen: 2.012 ug/l
RT: 2.508 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX046165.D
Acq: 13 May 2025 14:48

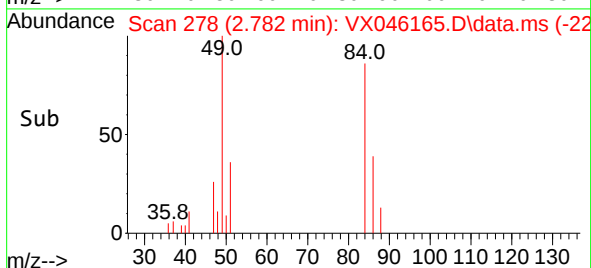
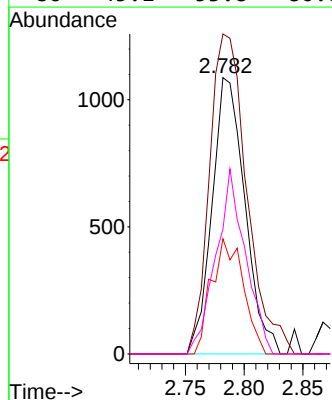
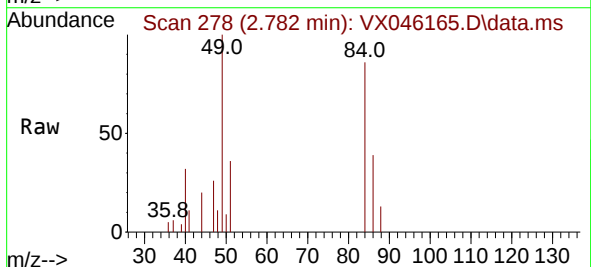
Instrument :
MSVOA_X
ClientSampleId :
WC-A1-06-G

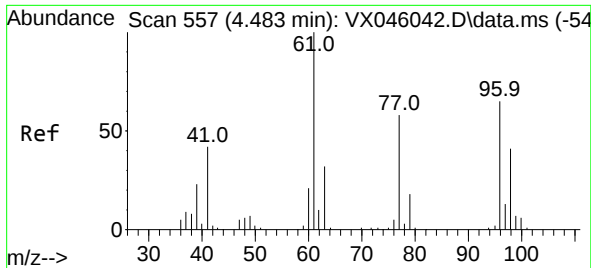
Tgt Ion: 76 Resp: 3924
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.4



#20
Methylene Chloride
Concen: 2.129 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX046165.D
Acq: 13 May 2025 14:48

Tgt Ion: 84 Resp: 2116
Ion Ratio Lower Upper
84 100
49 115.8 113.9 170.9
51 41.7 33.5 50.3
86 45.1 53.8 80.8#





#27

cis-1,2-Dichloroethene

Concen: 4.034 ug/l

RT: 4.501 min Scan# 5

Delta R.T. 0.018 min

Lab File: VX046165.D

Acq: 13 May 2025 14:48

Instrument :

MSVOA_X

ClientSampleId :

WC-A1-06-G

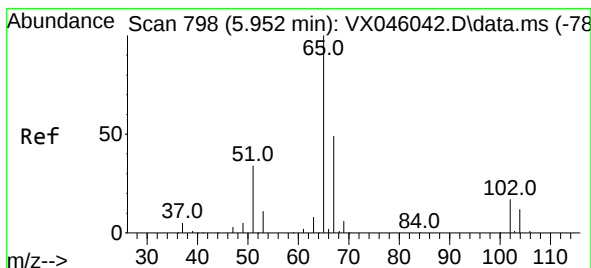
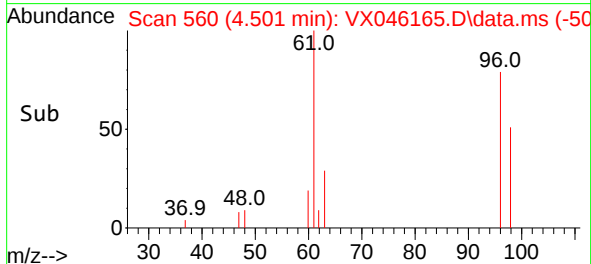
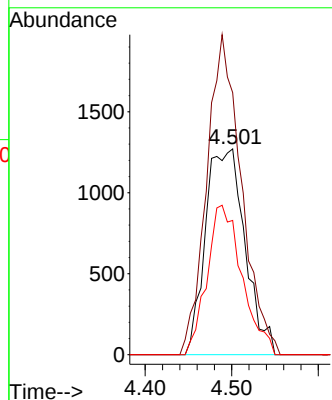
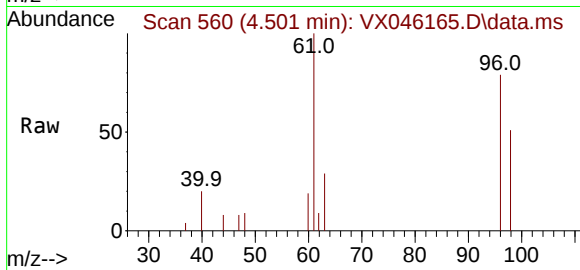
Tgt Ion: 96 Resp: 4018

Ion Ratio Lower Upper

96 100

61 136.7 0.0 322.8

98 64.6 0.0 129.0



#33

1,2-Dichloroethane-d4

Concen: 51.290 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX046165.D

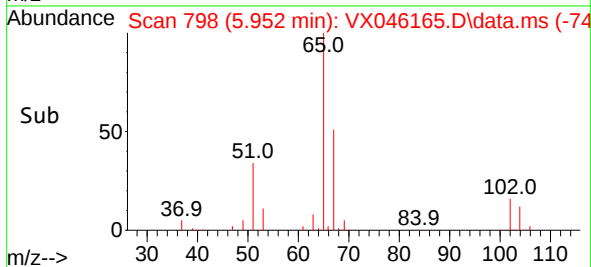
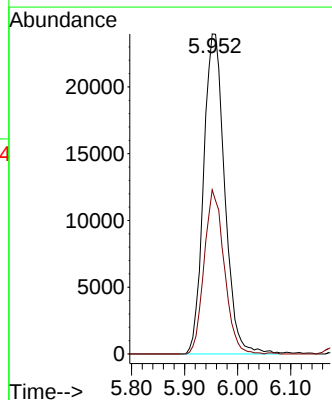
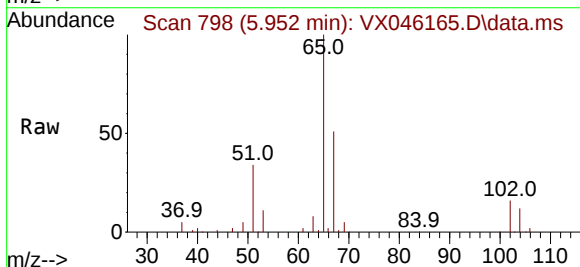
Acq: 13 May 2025 14:48

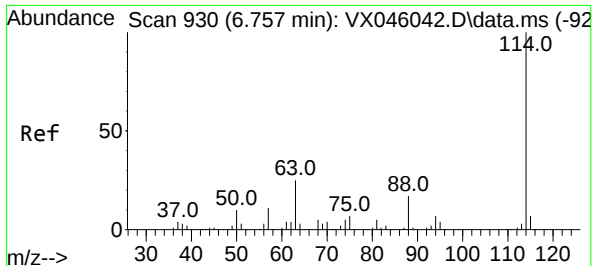
Tgt Ion: 65 Resp: 66347

Ion Ratio Lower Upper

65 100

67 48.7 0.0 99.0

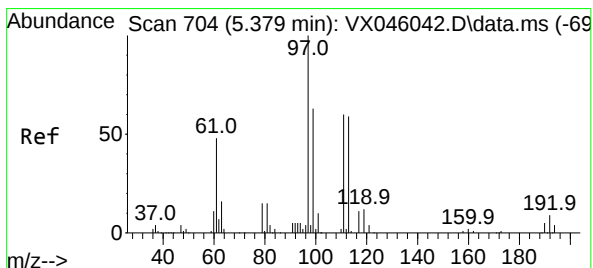
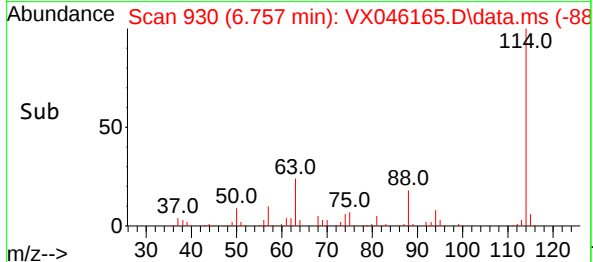
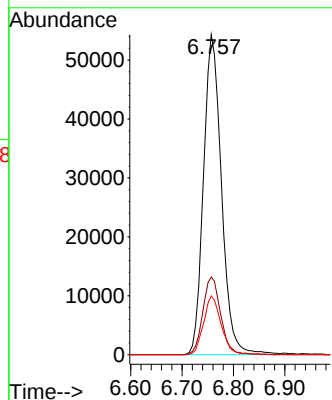
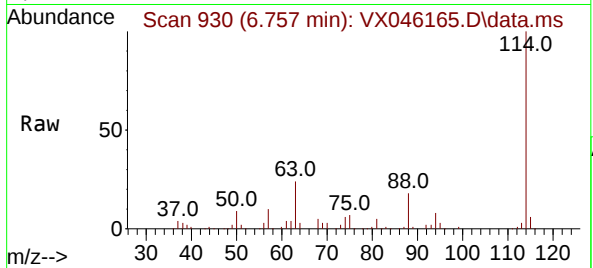




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX046165.D
Acq: 13 May 2025 14:48

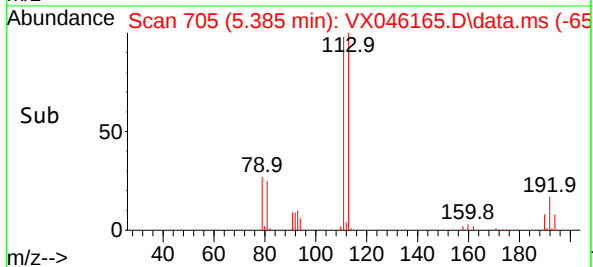
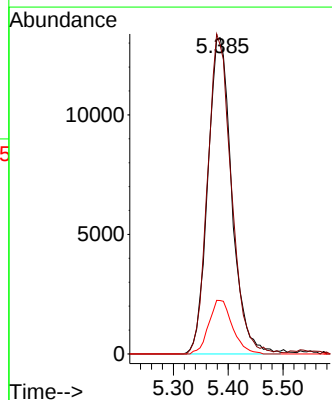
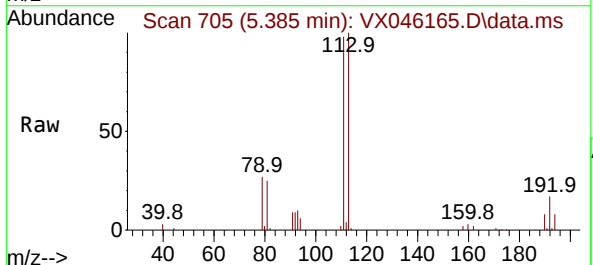
Instrument :
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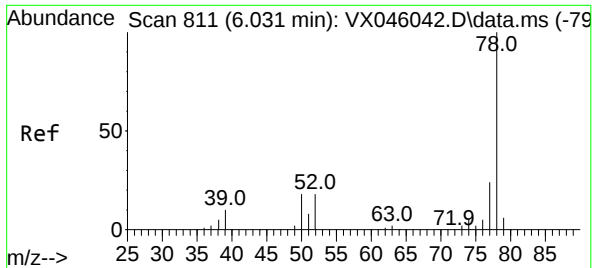
Tgt Ion:114 Resp: 132178
Ion Ratio Lower Upper
114 100
63 24.2 0.0 49.2
88 18.4 0.0 33.6



#35
Dibromofluoromethane
Concen: 42.268 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX046165.D
Acq: 13 May 2025 14:48

Tgt Ion:113 Resp: 40232
Ion Ratio Lower Upper
113 100
111 99.9 83.1 124.7
192 16.7 13.3 19.9

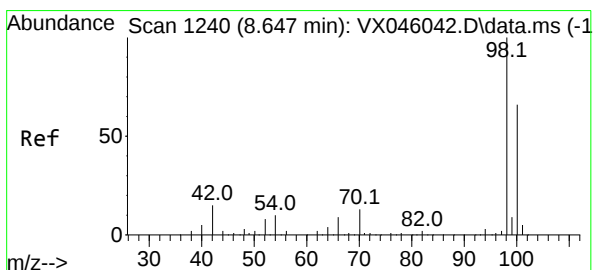
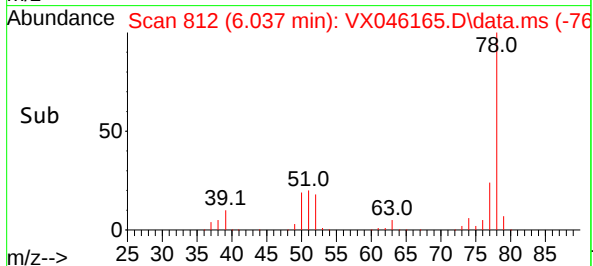
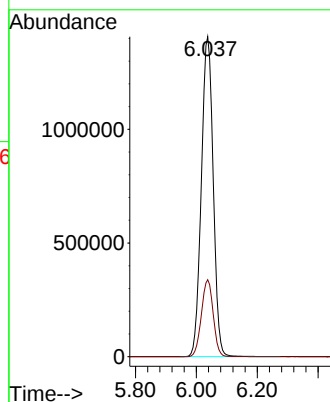
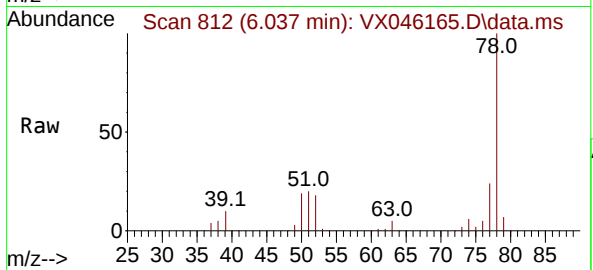




#40
Benzene
Concen: 1016.064 ug/l
RT: 6.037 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX046165.D
Acq: 13 May 2025 14:48

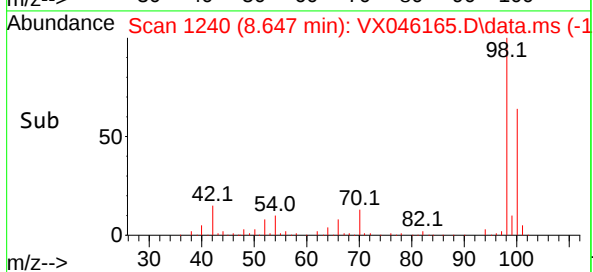
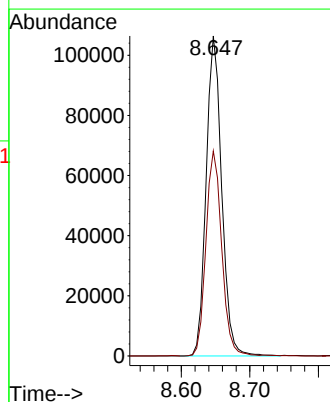
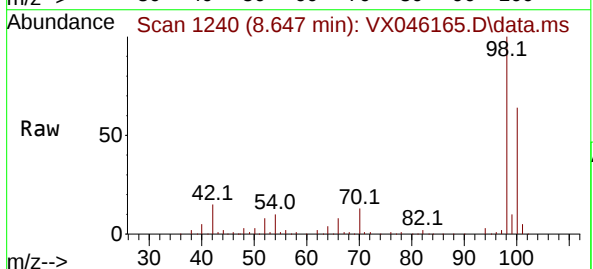
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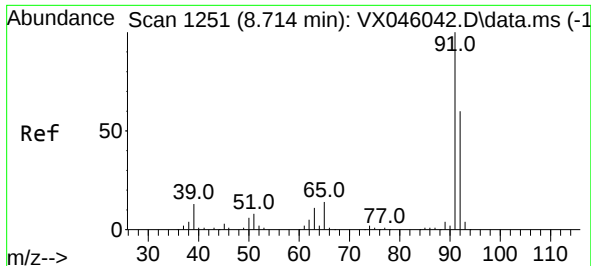
Tgt Ion: 78 Resp: 3806094
Ion Ratio Lower Upper
78 100
77 24.0 19.0 28.4



#50
Toluene-d8
Concen: 51.114 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046165.D
Acq: 13 May 2025 14:48

Tgt Ion: 98 Resp: 168390
Ion Ratio Lower Upper
98 100
100 65.3 53.5 80.3

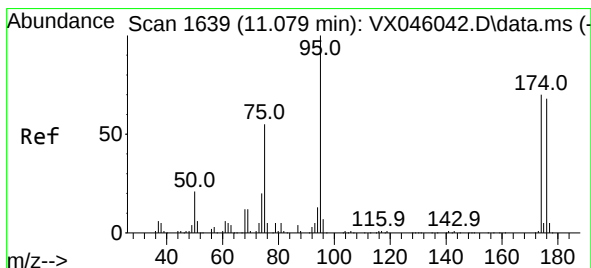
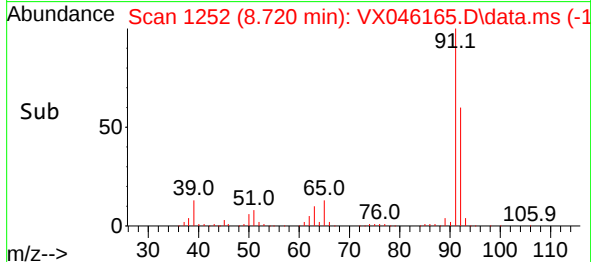
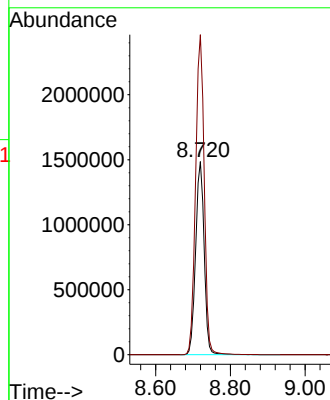
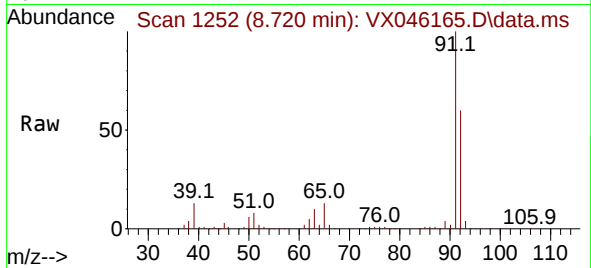




#52
Toluene
Concen: 1020.567 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX046165.D
Acq: 13 May 2025 14:48

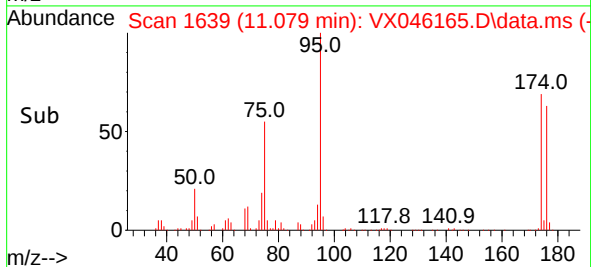
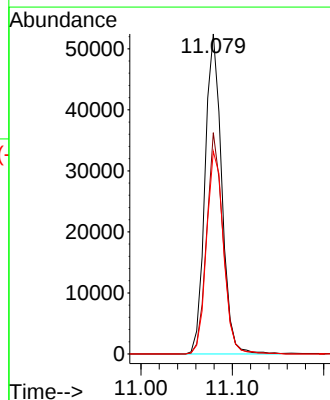
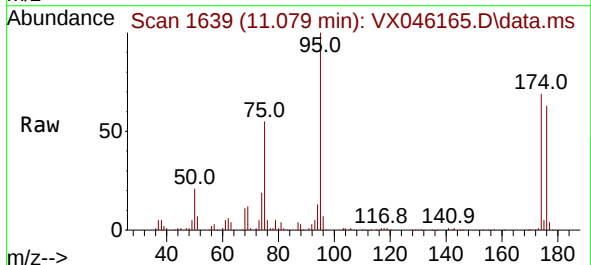
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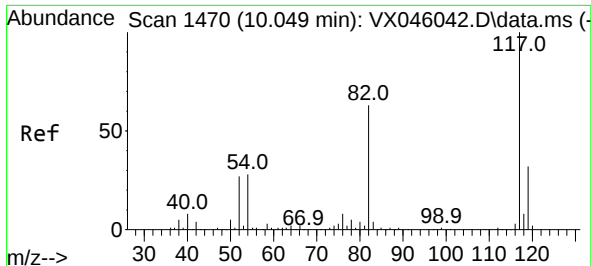
Tgt Ion: 92 Resp: 2344174
Ion Ratio Lower Upper
92 100
91 167.9 136.6 205.0



#62
4-Bromofluorobenzene
Concen: 52.494 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046165.D
Acq: 13 May 2025 14:48

Tgt Ion: 95 Resp: 66336
Ion Ratio Lower Upper
95 100
174 67.4 0.0 135.8
176 64.6 0.0 131.4

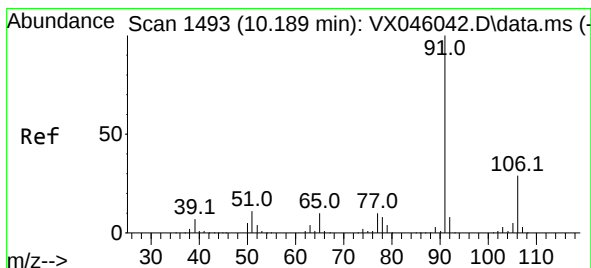
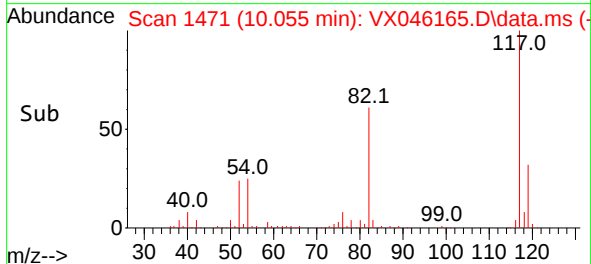
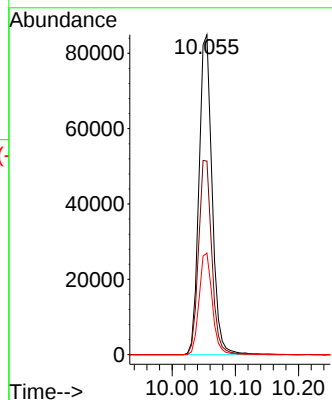
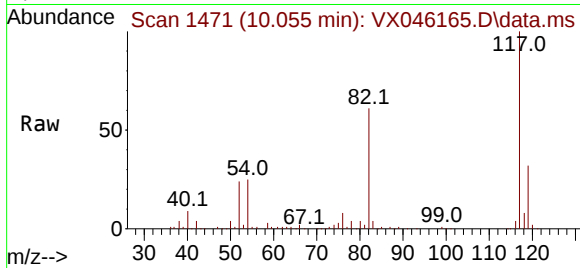




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX046165.D
Acq: 13 May 2025 14:48

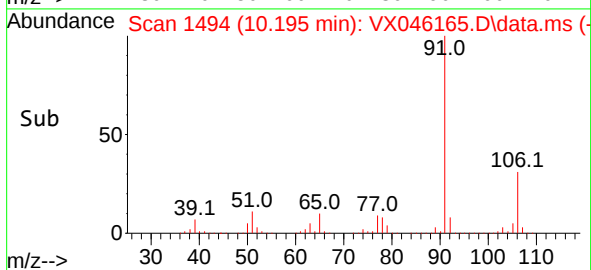
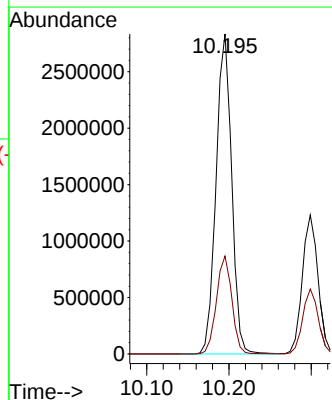
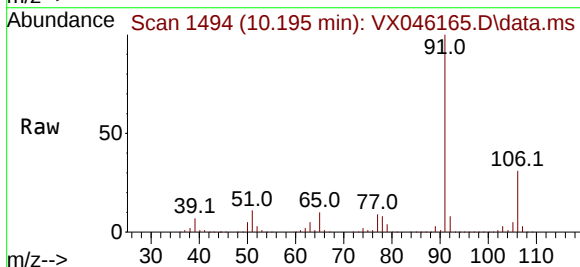
Instrument :
MSVOA_X
ClientSampleId :
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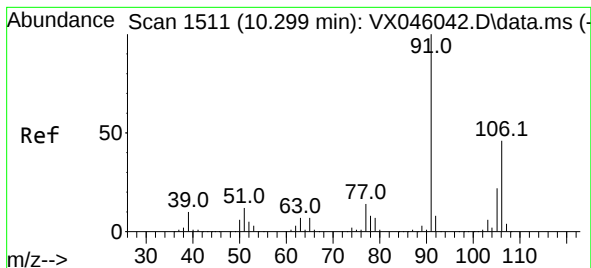
Tgt Ion:117 Resp: 122795
Ion Ratio Lower Upper
117 100
82 60.5 50.6 76.0
119 31.8 25.8 38.6



#67
Ethyl Benzene
Concen: 787.219 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX046165.D
Acq: 13 May 2025 14:48

Tgt Ion: 91 Resp: 3729573
Ion Ratio Lower Upper
91 100
106 30.6 23.4 35.2

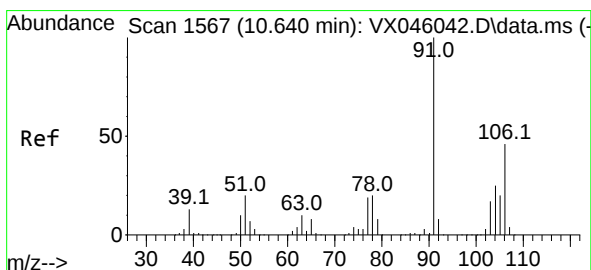
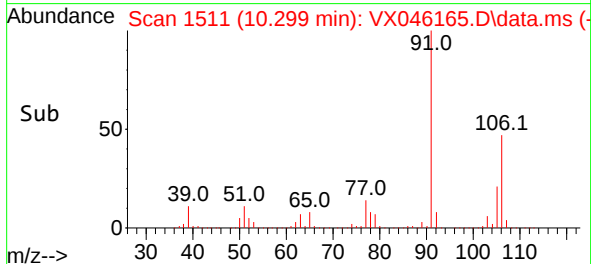
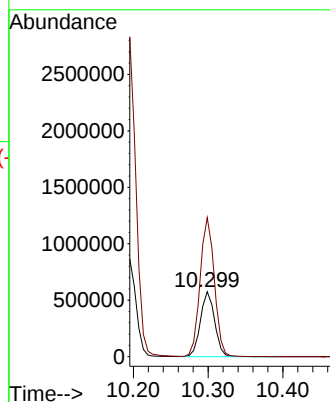
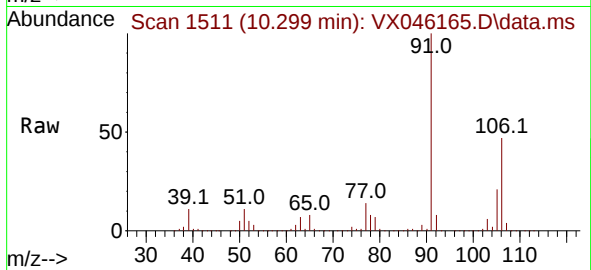




#68
m/p-Xylenes
Concen: 437.608 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046165.D
Acq: 13 May 2025 14:48

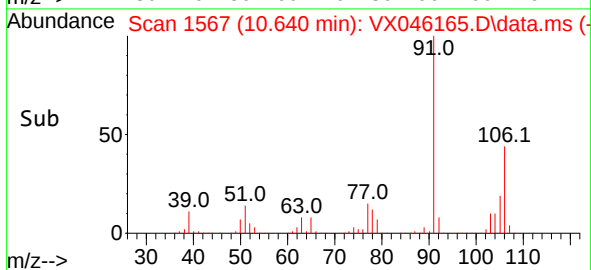
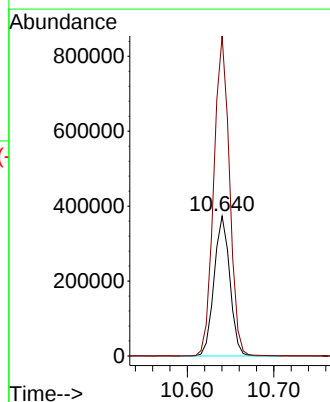
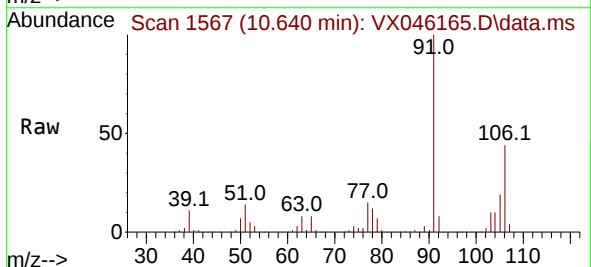
Instrument :
MSVOA_X
ClientSampleId :
WC-A1-06-G

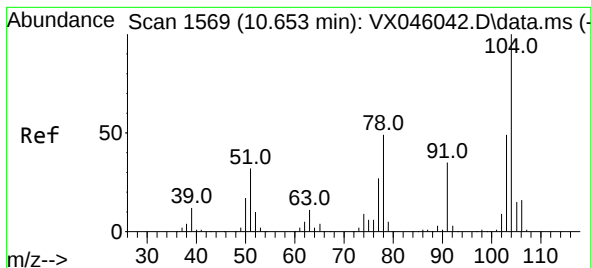
Tgt Ion:106 Resp: 758271
Ion Ratio Lower Upper
106 100
91 215.4 171.2 256.8



#69
o-Xylene
Concen: 278.847 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX046165.D
Acq: 13 May 2025 14:48

Tgt Ion:106 Resp: 471049
Ion Ratio Lower Upper
106 100
91 229.1 112.7 338.1





#70

Styrene

Concen: 123.316 ug/l

RT: 10.652 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX046165.D

Acq: 13 May 2025 14:48

Instrument :

MSVOA_X

ClientSampleId :

WC-A1-06-G

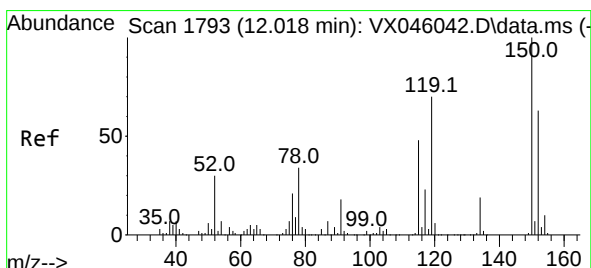
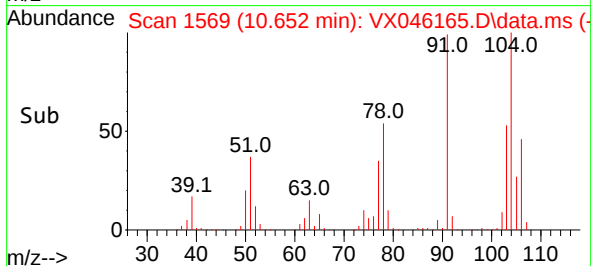
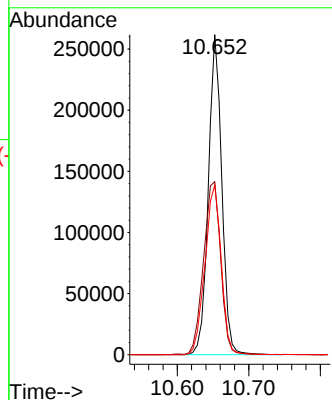
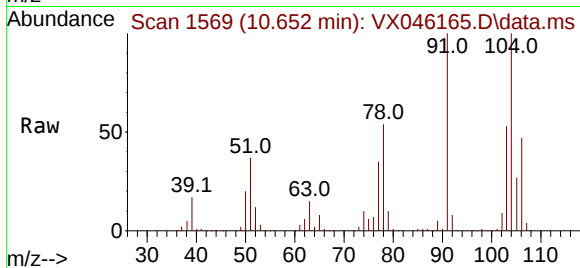
Tgt Ion:104 Resp: 341245

Ion Ratio Lower Upper

104 100

78 69.2 45.7 68.5#

103 64.2 43.7 65.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VX046165.D

Acq: 13 May 2025 14:48

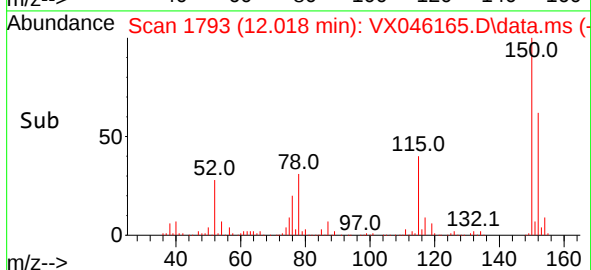
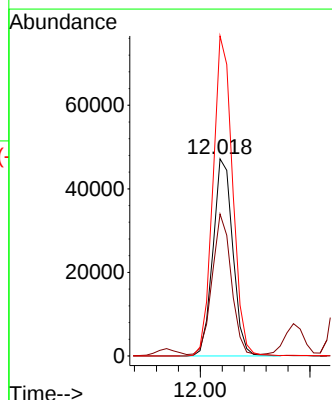
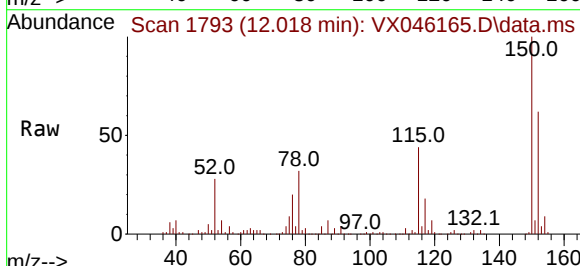
Tgt Ion:152 Resp: 59221

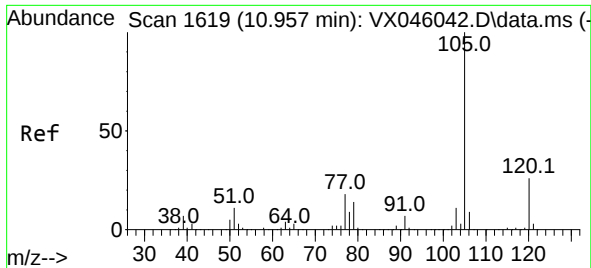
Ion Ratio Lower Upper

152 100

115 68.1 46.9 140.7

150 160.2 0.0 351.0

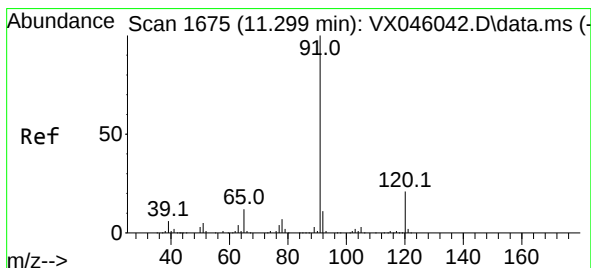
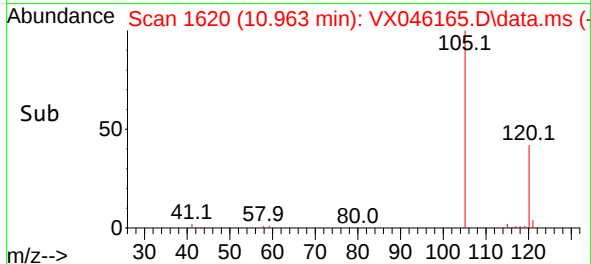
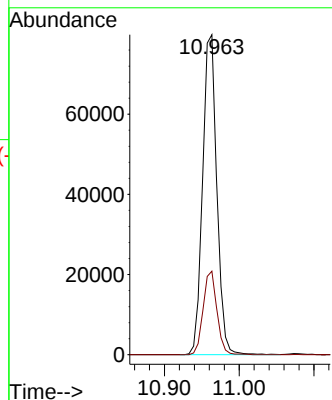
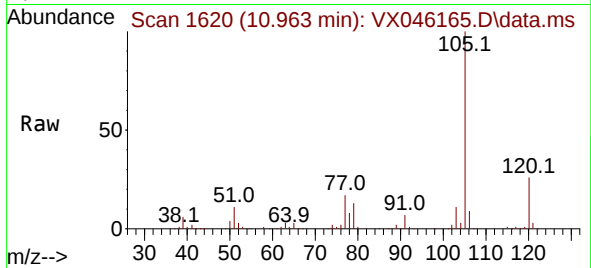




#73
Isopropylbenzene
Concen: 22.878 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.006 min
Lab File: VX046165.D
Acq: 13 May 2025 14:48

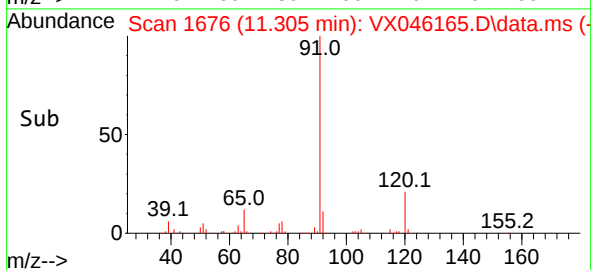
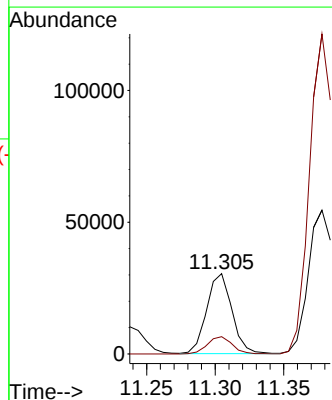
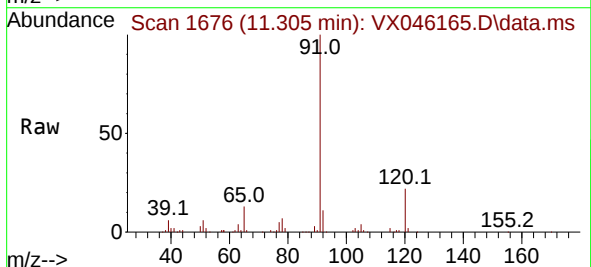
Instrument :
MSVOA_X
ClientSampleId :
WC-A1-06-G

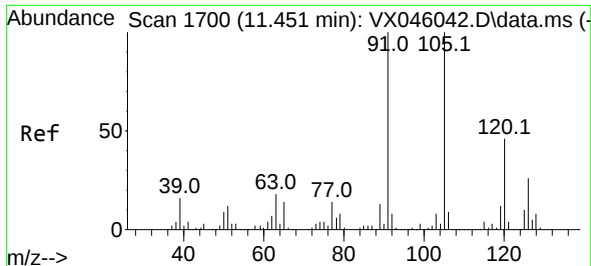
Tgt Ion:105 Resp: 105478
Ion Ratio Lower Upper
105 100
120 25.3 12.8 38.4



#78
n-propylbenzene
Concen: 7.238 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX046165.D
Acq: 13 May 2025 14:48

Tgt Ion: 91 Resp: 38801
Ion Ratio Lower Upper
91 100
120 21.3 10.8 32.4

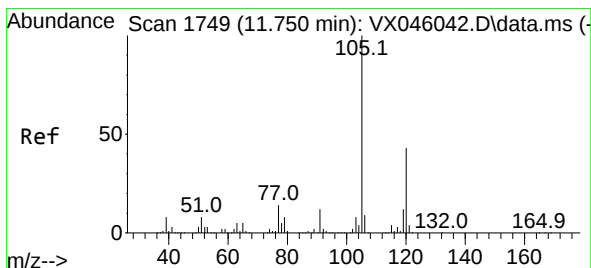
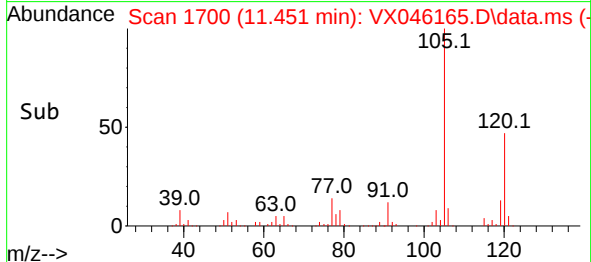
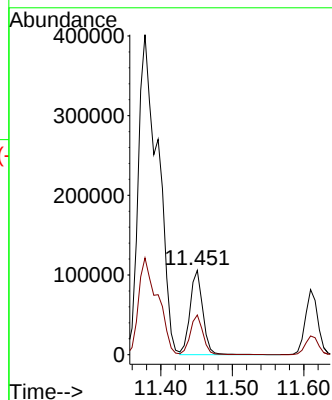
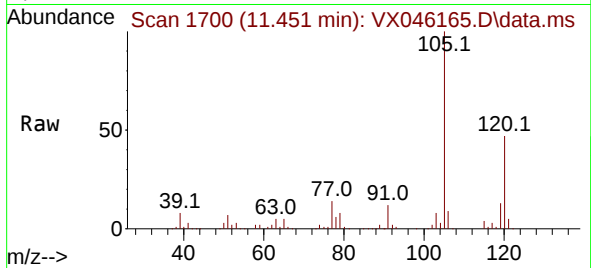




#80
1,3,5-Trimethylbenzene
Concen: 33.894 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046165.D
Acq: 13 May 2025 14:48

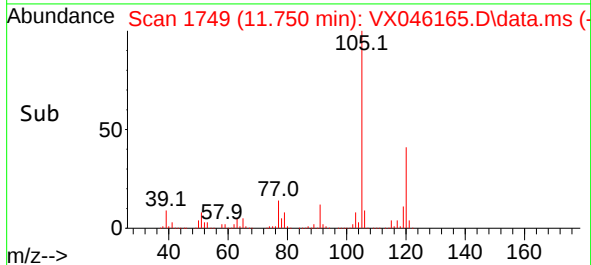
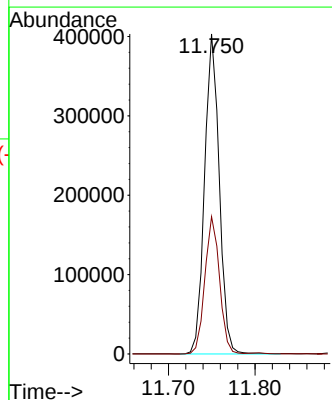
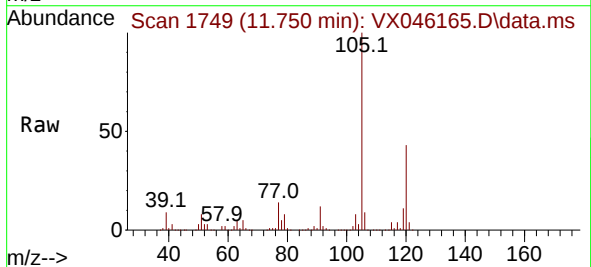
Instrument :
MSVOA_X
ClientSampleId :
WC-A1-06-G

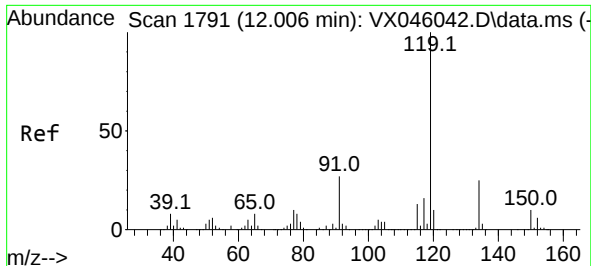
Tgt Ion:105 Resp: 130552
Ion Ratio Lower Upper
105 100
120 46.6 23.1 69.2



#84
1,2,4-Trimethylbenzene
Concen: 121.409 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX046165.D
Acq: 13 May 2025 14:48

Tgt Ion:105 Resp: 473572
Ion Ratio Lower Upper
105 100
120 42.9 21.2 63.6

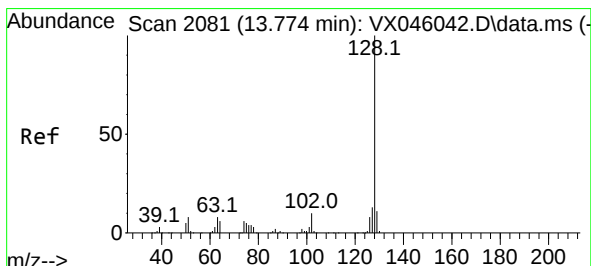
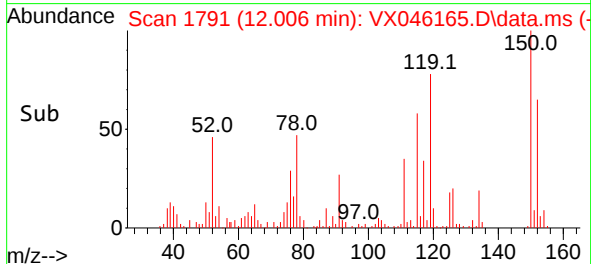
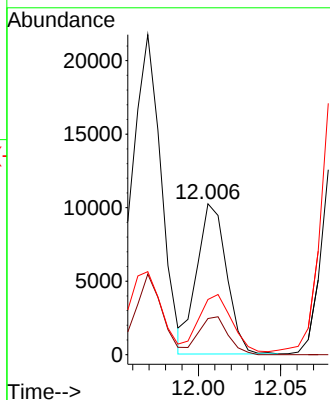
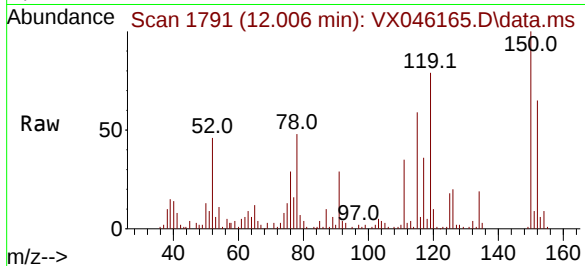




#86
p-Isopropyltoluene
Concen: 3.265 ug/l
RT: 12.006 min Scan# 119
Delta R.T. -0.000 min
Lab File: VX046165.D
Acq: 13 May 2025 14:48

Instrument :
MSVOA_X
ClientSampleId :
WC-A1-06-G

Tgt Ion:119 Resp: 12837
Ion Ratio Lower Upper
119 100
134 24.1 12.5 37.5
91 0.0 13.8 41.4#



#95
Naphthalene
Concen: 4481.511 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.012 min
Lab File: VX046165.D
Acq: 13 May 2025 14:48

Tgt Ion:128 Resp:18506550
Ion Ratio Lower Upper
128 100
127 16.6 10.4 15.6#
129 14.9 8.6 13.0#

