

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111423\
 Data File : VX038800.D
 Acq On : 14 Nov 2023 12:54
 Operator : JC/MD
 Sample : 05359-01ME
 Misc : 10.11g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EC-48-WC-1ME

Quant Time: Nov 14 18:27:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111423W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 14 09:15:55 2023
 Response via : Initial Calibration

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

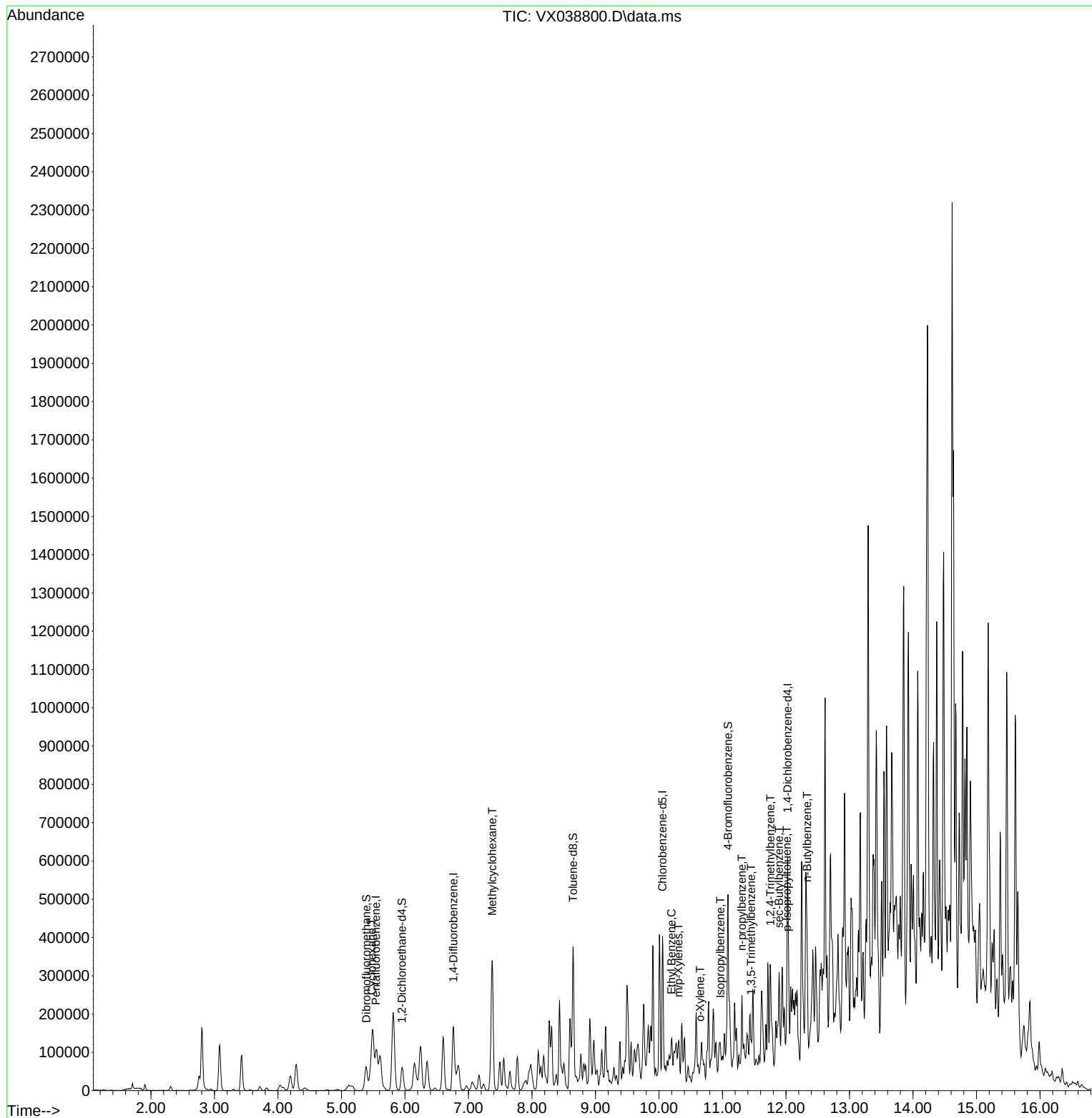
Internal Standards						
1) Pentafluorobenzene	5.544	168	99766	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	186103	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	179048	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98035	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	61603	43.402	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	86.800%		
35) Dibromofluoromethane	5.391	113	55236	43.203	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	86.400%		
50) Toluene-d8	8.647	98	221471	46.766	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.540%		
62) 4-Bromofluorobenzene	11.086	95	106009	53.539	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	107.080%		
Target Compounds						Qvalue
31) Cyclohexane	5.477	56	65337	33.800	ug/l #	71
39) Methylcyclohexane	7.373	83	159208	71.664	ug/l	98
67) Ethyl Benzene	10.195	91	28343	4.355	ug/l	97
68) m/p-Xylenes	10.305	106	7495	3.020	ug/l	99
69) o-Xylene	10.647	106	3567	1.481	ug/l	88
73) Isopropylbenzene	10.964	105	28204	4.137	ug/l	99
78) n-propylbenzene	11.305	91	121278	14.872	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	23780	4.058	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	80448	13.674	ug/l	96
85) sec-Butylbenzene	11.890	105	53777	7.312	ug/l #	72
86) p-Isopropyltoluene	12.012	119	13768	2.296	ug/l	93
89) n-Butylbenzene	12.329	91	99514	17.816	ug/l #	64

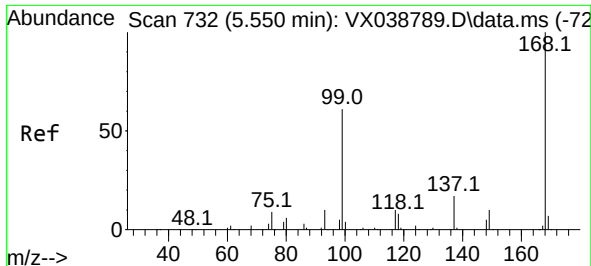
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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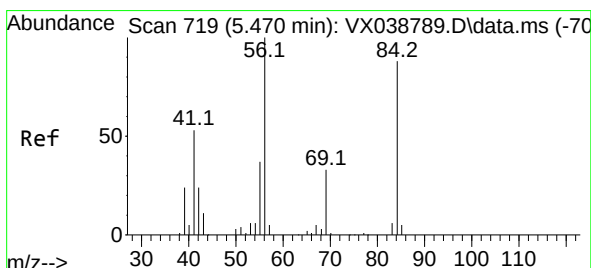
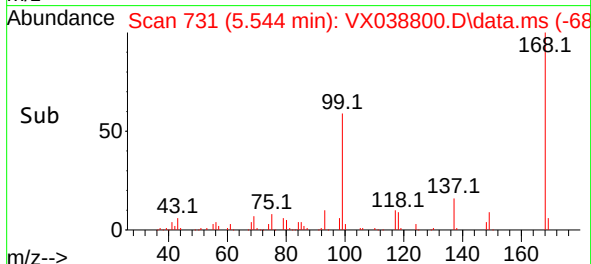
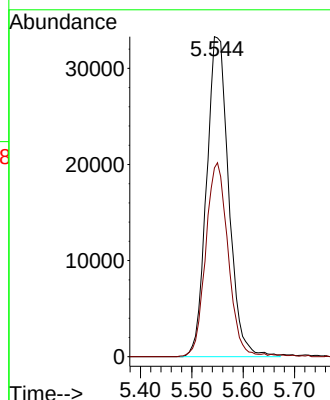
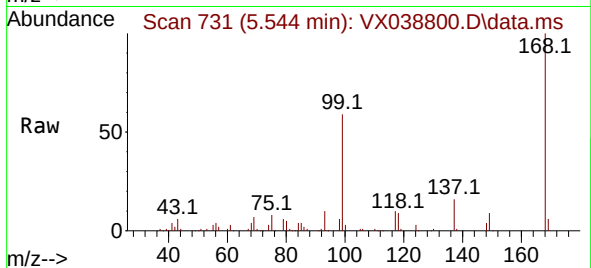




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038800.D
Acq: 14 Nov 2023 12:54

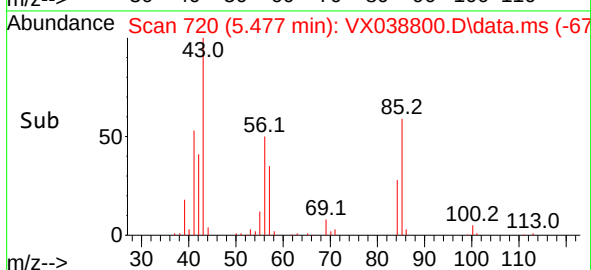
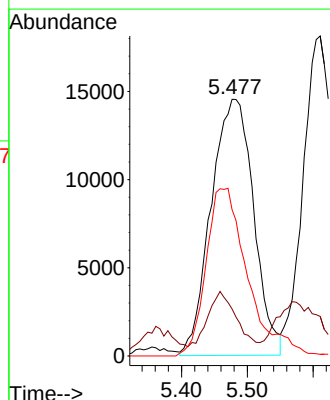
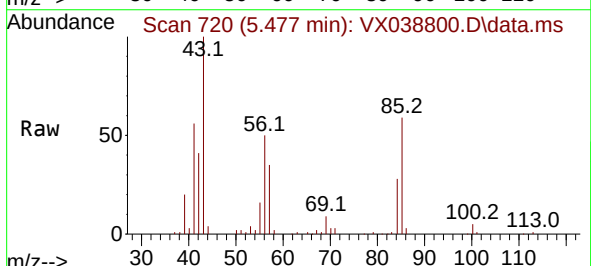
Instrument :
MSVOA_X
ClientSampleId :
EC-48-WC-1ME

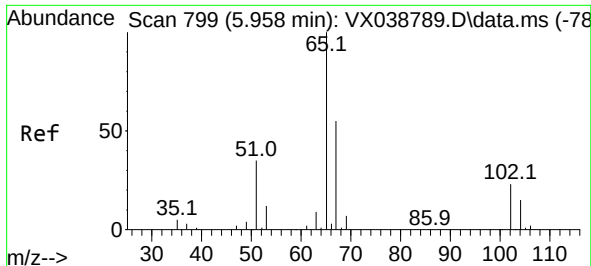
Tgt Ion:168 Resp: 99766
Ion Ratio Lower Upper
168 100
99 58.8 56.6 85.0



#31
Cyclohexane
Concen: 33.800 ug/l
RT: 5.477 min Scan# 720
Delta R.T. 0.006 min
Lab File: VX038800.D
Acq: 14 Nov 2023 12:54

Tgt Ion: 56 Resp: 65337
Ion Ratio Lower Upper
56 100
69 13.9 23.4 35.2#
84 56.8 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 43.402 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX038800.D

Acq: 14 Nov 2023 12:54

Instrument :

MSVOA_X

ClientSampleId :

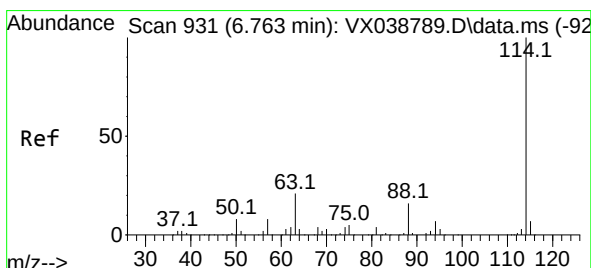
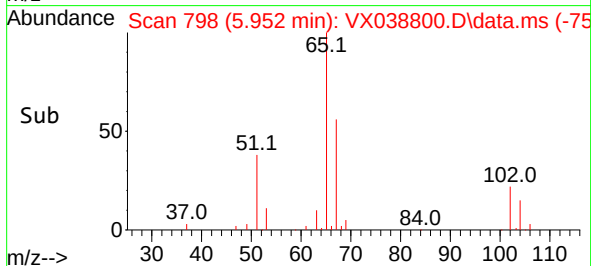
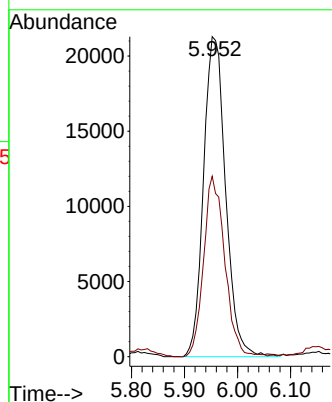
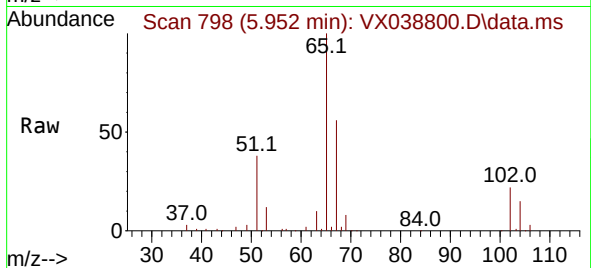
EC-48-WC-1ME

Tgt Ion: 65 Resp: 61603

Ion Ratio Lower Upper

65 100

67 54.1 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX038800.D

Acq: 14 Nov 2023 12:54

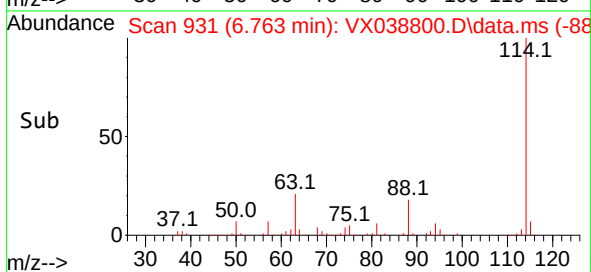
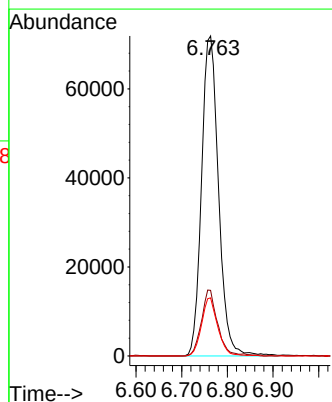
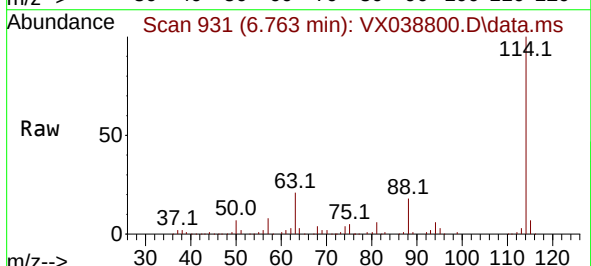
Tgt Ion: 114 Resp: 186103

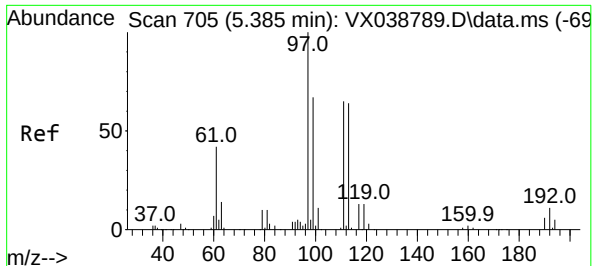
Ion Ratio Lower Upper

114 100

63 20.5 0.0 45.0

88 18.1 0.0 36.6





#35

Dibromofluoromethane

Concen: 43.203 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX038800.D

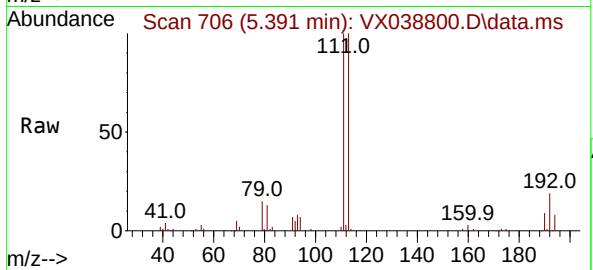
Acq: 14 Nov 2023 12:54

Instrument :

MSVOA_X

ClientSampleId :

EC-48-WC-1ME



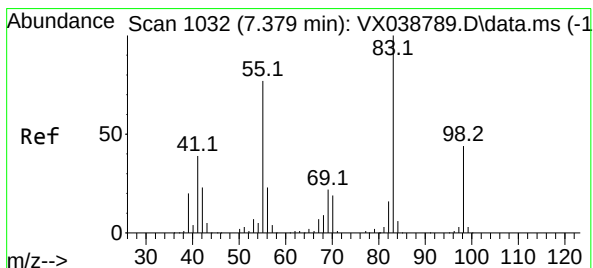
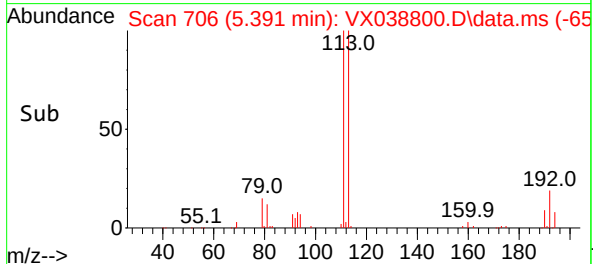
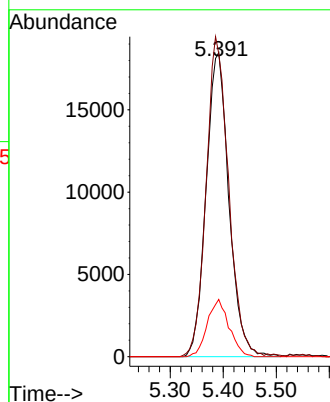
Tgt Ion:113 Resp: 55236

Ion Ratio Lower Upper

113 100

111 103.2 82.9 124.3

192 17.9 13.3 19.9



#39

Methylcyclohexane

Concen: 71.664 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. -0.006 min

Lab File: VX038800.D

Acq: 14 Nov 2023 12:54

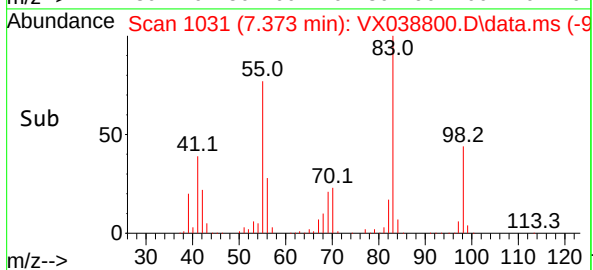
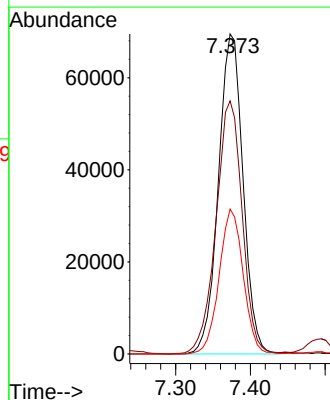
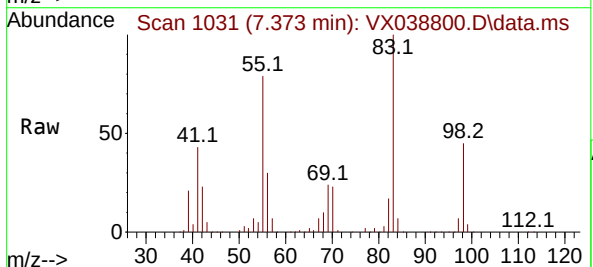
Tgt Ion: 83 Resp: 159208

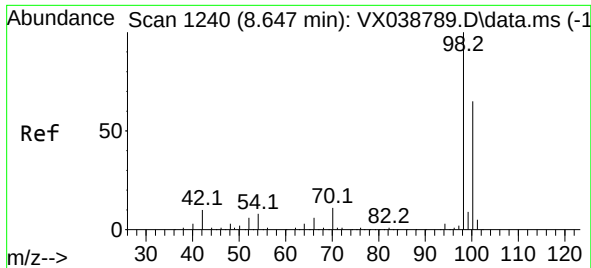
Ion Ratio Lower Upper

83 100

55 78.9 64.6 97.0

98 45.3 36.7 55.1

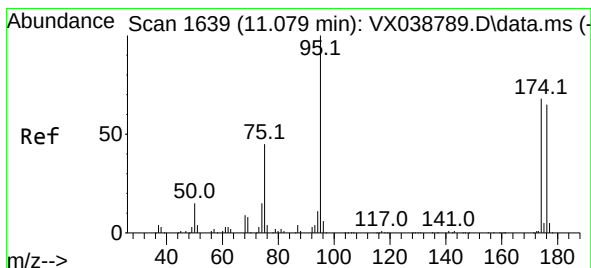
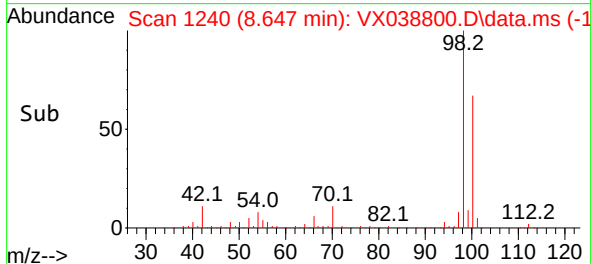
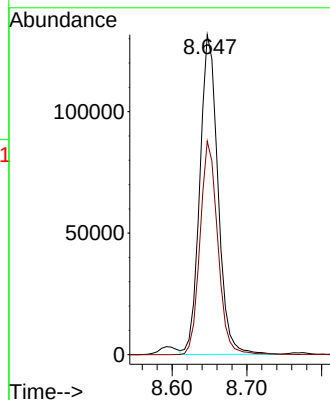
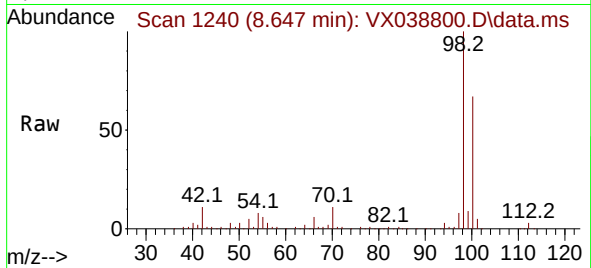




#50
Toluene-d8
Concen: 46.766 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038800.D
Acq: 14 Nov 2023 12:54

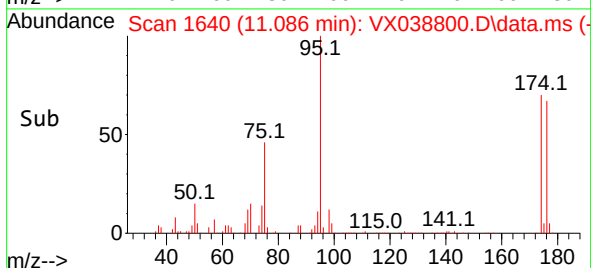
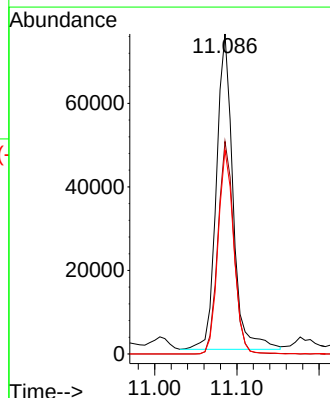
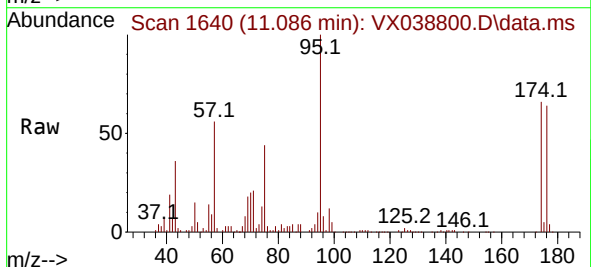
Instrument :
MSVOA_X
ClientSampleId :
EC-48-WC-1ME

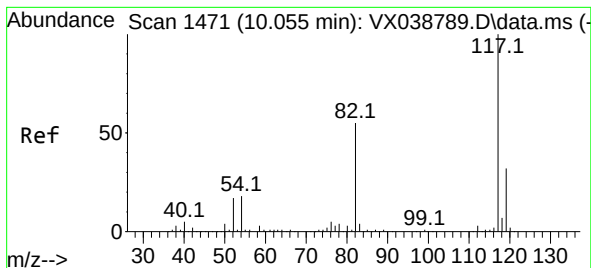
Tgt Ion: 98 Resp: 221471
Ion Ratio Lower Upper
98 100
100 65.5 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 53.539 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX038800.D
Acq: 14 Nov 2023 12:54

Tgt Ion: 95 Resp: 106009
Ion Ratio Lower Upper
95 100
174 64.2 0.0 135.6
176 61.2 0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX038800.D

Acq: 14 Nov 2023 12:54

Instrument :

MSVOA_X

ClientSampleId :

EC-48-WC-1ME

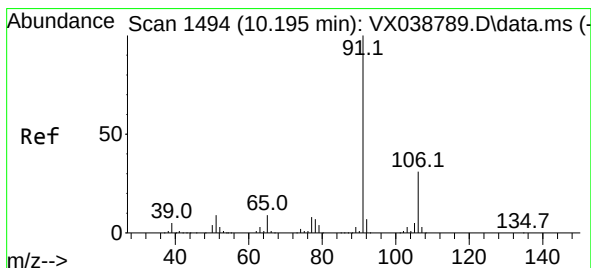
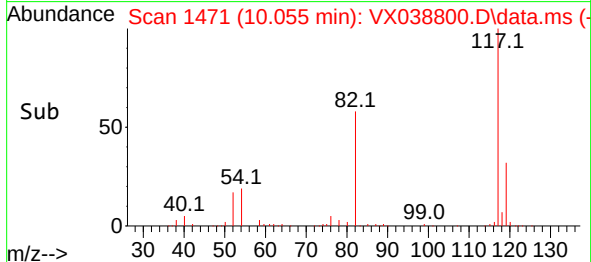
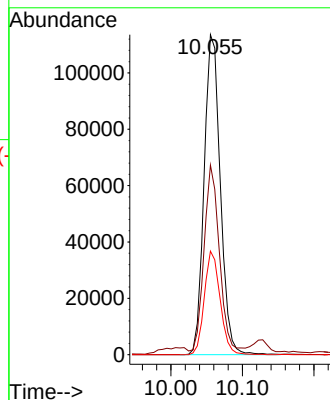
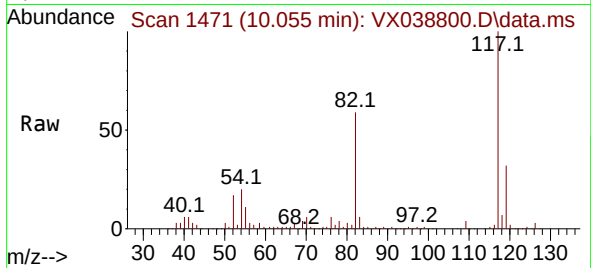
Tgt Ion:117 Resp: 179048

Ion Ratio Lower Upper

117 100

82 58.3 46.2 69.4

119 32.3 25.5 38.3



#67

Ethyl Benzene

Concen: 4.355 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX038800.D

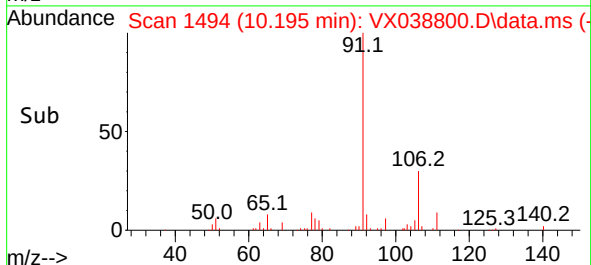
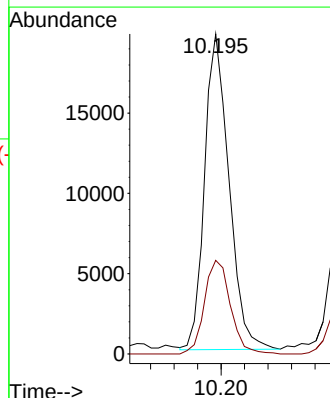
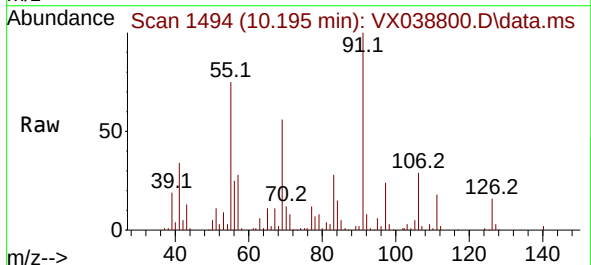
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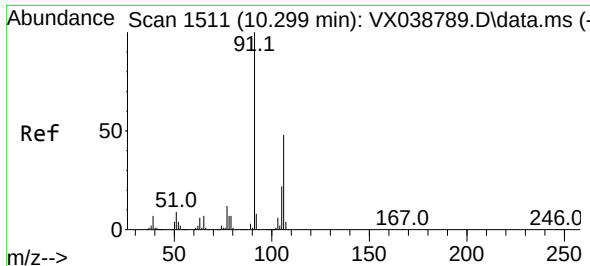
Tgt Ion: 91 Resp: 28343

Ion Ratio Lower Upper

91 100

106 29.7 24.9 37.3

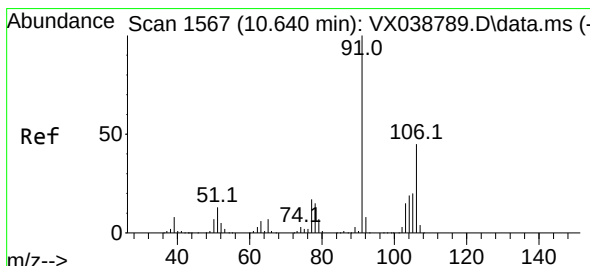
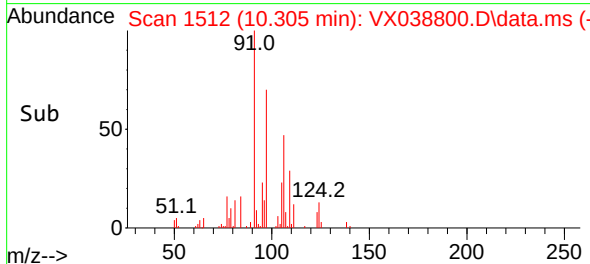
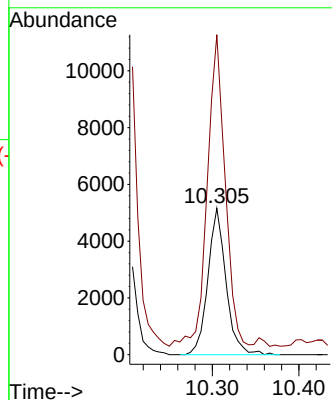
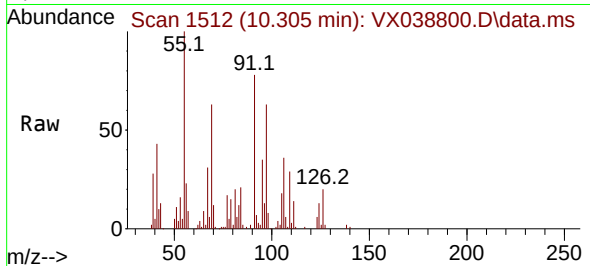




#68
m/p-Xylenes
Concen: 3.020 ug/l
RT: 10.305 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VX038800.D
Acq: 14 Nov 2023 12:54

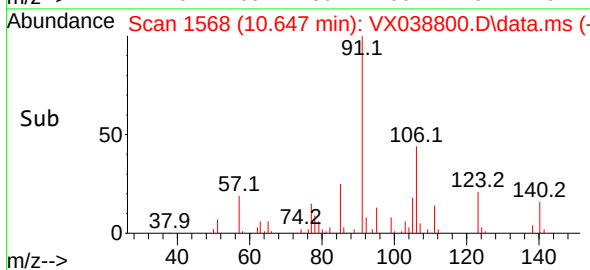
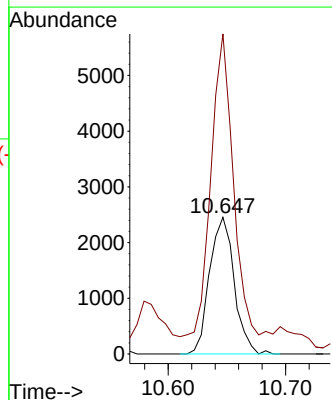
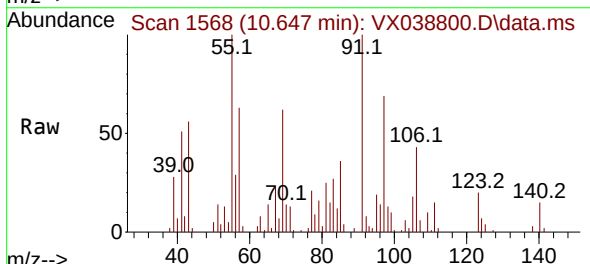
Instrument :
MSVOA_X
ClientSampleId :
EC-48-WC-1ME

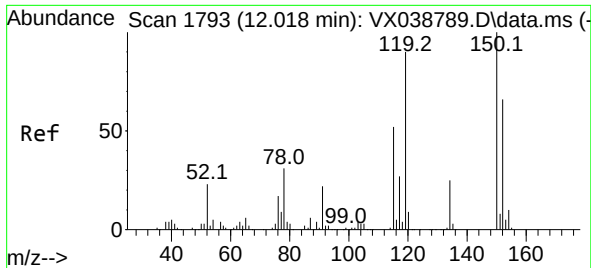
Tgt Ion:106 Resp: 7495
Ion Ratio Lower Upper
106 100
91 208.8 165.5 248.3



#69
o-Xylene
Concen: 1.481 ug/l
RT: 10.647 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX038800.D
Acq: 14 Nov 2023 12:54

Tgt Ion:106 Resp: 3567
Ion Ratio Lower Upper
106 100
91 198.2 108.9 326.8

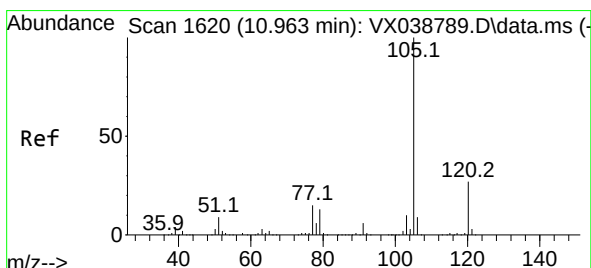
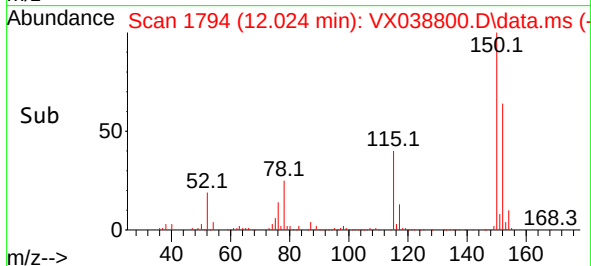
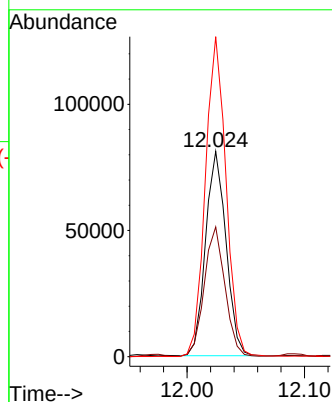
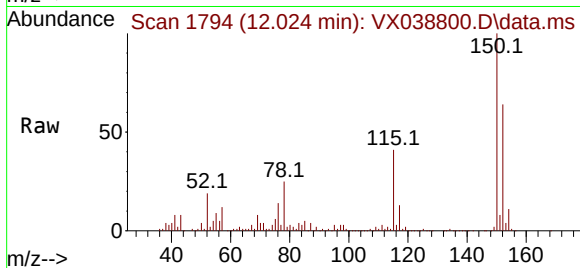




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1793
Delta R.T. 0.006 min
Lab File: VX038800.D
Acq: 14 Nov 2023 12:54

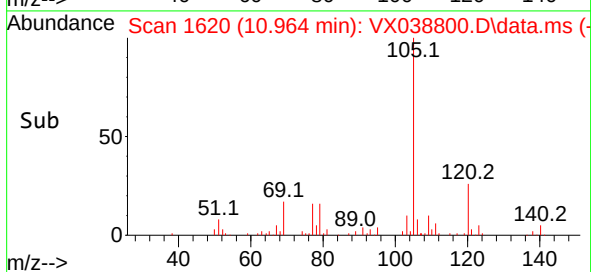
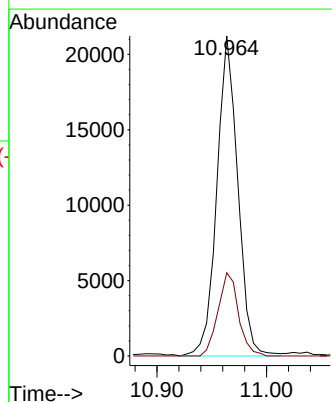
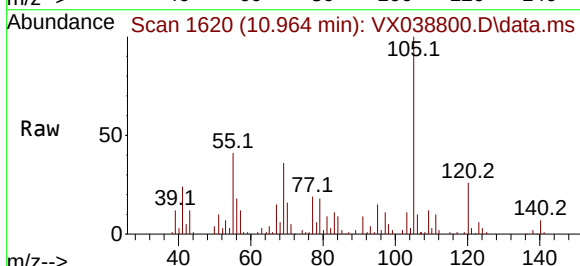
Instrument :
MSVOA_X
ClientSampleId :
EC-48-WC-1ME

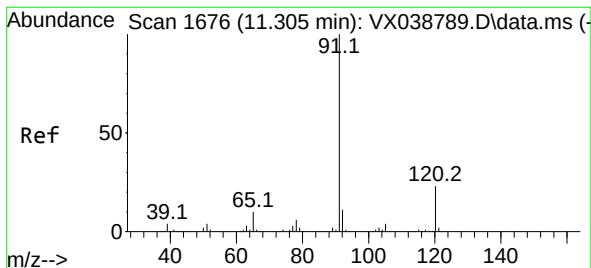
Tgt Ion:152 Resp: 98035
Ion Ratio Lower Upper
152 100
115 64.0 43.3 129.9
150 157.5 0.0 345.0



#73
Isopropylbenzene
Concen: 4.137 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX038800.D
Acq: 14 Nov 2023 12:54

Tgt Ion:105 Resp: 28204
Ion Ratio Lower Upper
105 100
120 25.4 12.9 38.6





#78

n-propylbenzene

Concen: 14.872 ug/l

RT: 11.305 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038800.D

Acq: 14 Nov 2023 12:54

Instrument :

MSVOA_X

ClientSampleId :

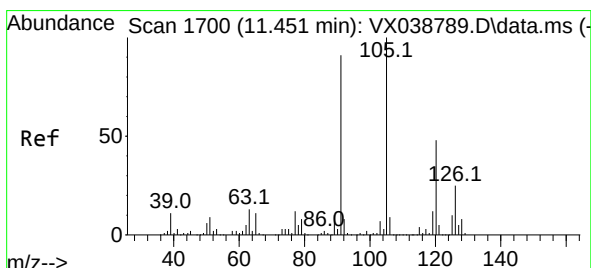
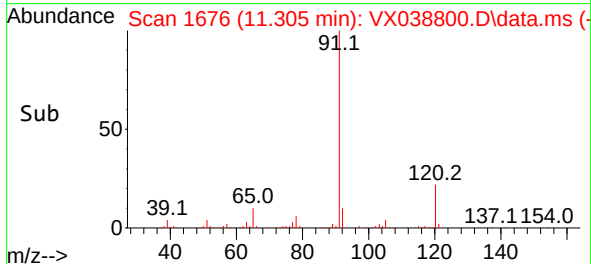
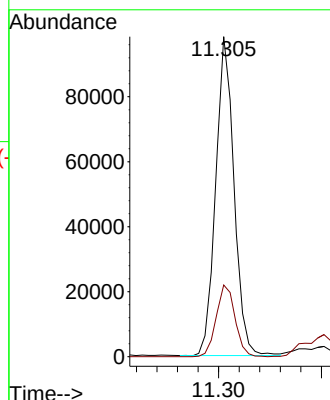
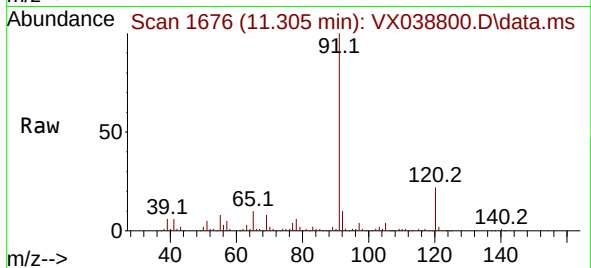
EC-48-WC-1ME

Tgt Ion: 91 Resp: 121278

Ion Ratio Lower Upper

91 100

120 23.0 11.5 34.4



#80

1,3,5-Trimethylbenzene

Concen: 4.058 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX038800.D

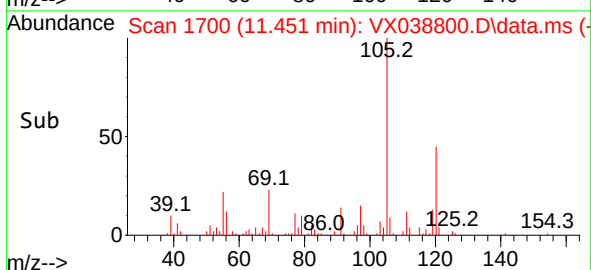
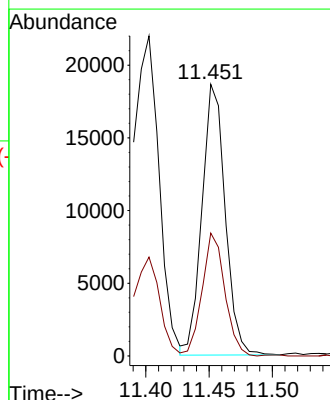
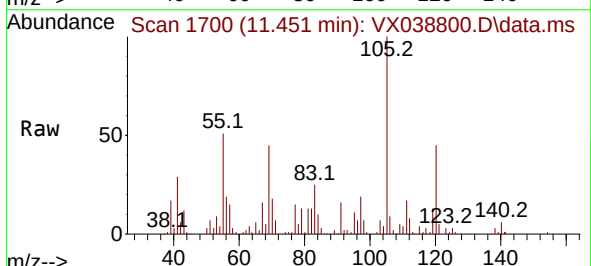
Acq: 14 Nov 2023 12:54

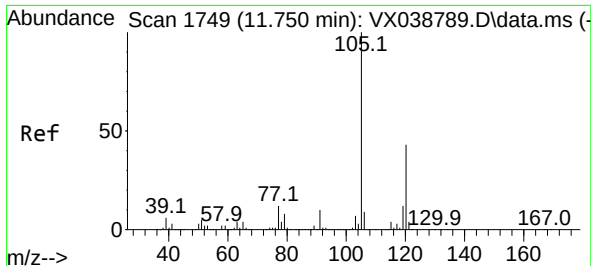
Tgt Ion: 105 Resp: 23780

Ion Ratio Lower Upper

105 100

120 44.5 24.1 72.3

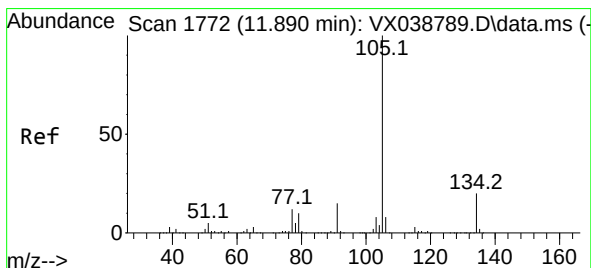
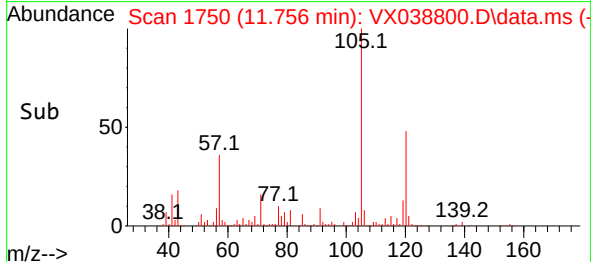
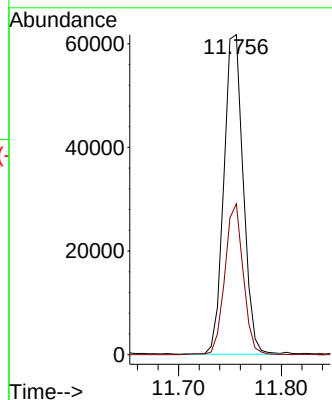
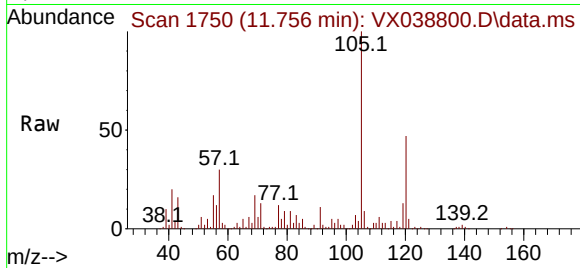




#84
1,2,4-Trimethylbenzene
Concen: 13.674 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX038800.D
Acq: 14 Nov 2023 12:54

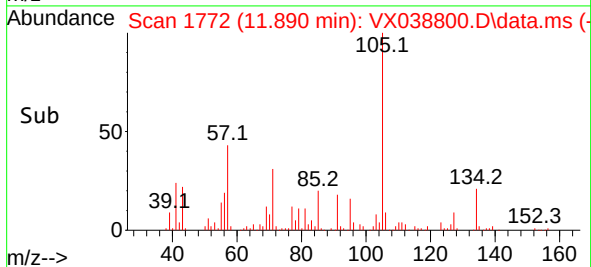
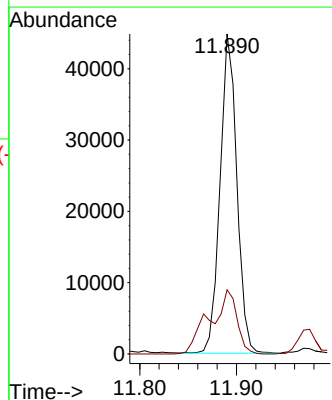
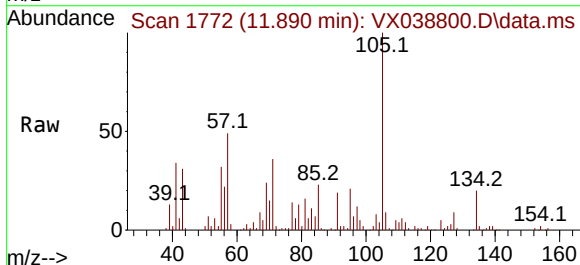
Instrument :
MSVOA_X
ClientSampleId :
EC-48-WC-1ME

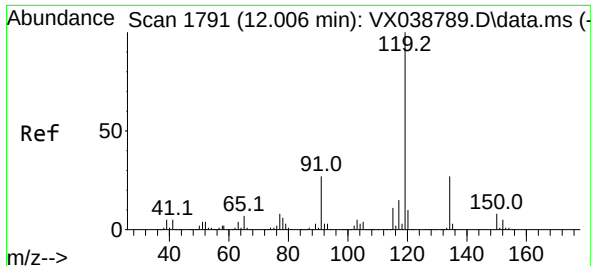
Tgt Ion:105 Resp: 80448
Ion Ratio Lower Upper
105 100
120 45.0 21.2 63.6



#85
sec-Butylbenzene
Concen: 7.312 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX038800.D
Acq: 14 Nov 2023 12:54

Tgt Ion:105 Resp: 53777
Ion Ratio Lower Upper
105 100
134 32.5 9.8 29.4#

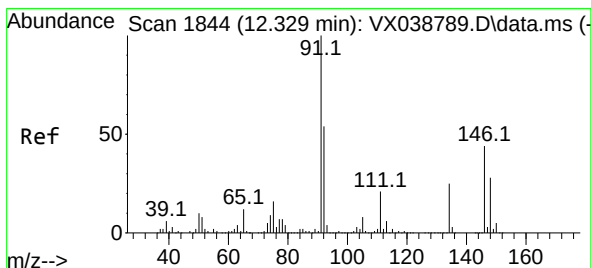
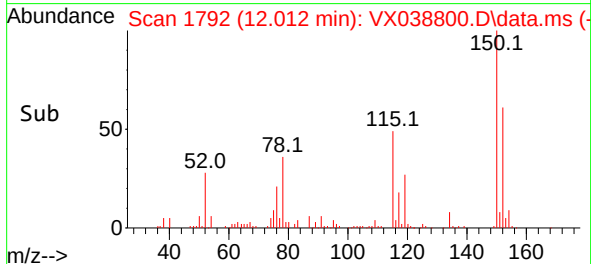
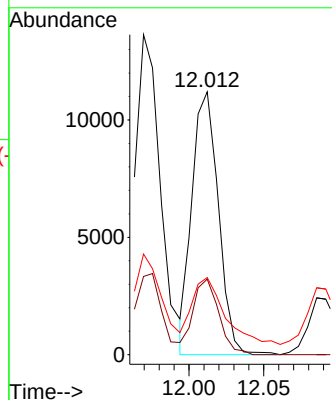
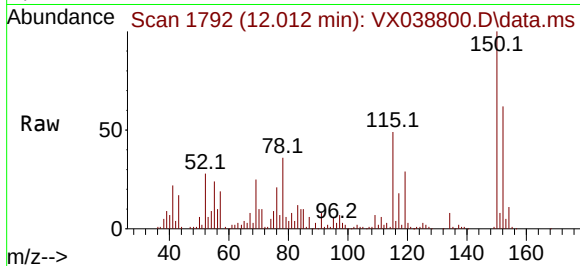




#86
p-Isopropyltoluene
Concen: 2.296 ug/l
RT: 12.012 min Scan# 1791
Delta R.T. 0.006 min
Lab File: VX038800.D
Acq: 14 Nov 2023 12:54

Instrument :
MSVOA_X
ClientSampleId :
EC-48-WC-1ME

Tgt Ion:119 Resp: 13768
Ion Ratio Lower Upper
119 100
134 28.0 12.8 38.3
91 31.2 13.1 39.3



#89
n-Butylbenzene
Concen: 17.816 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX038800.D
Acq: 14 Nov 2023 12:54

Tgt Ion: 91 Resp: 99514
Ion Ratio Lower Upper
91 100
92 42.0 27.4 82.0
134 62.8 12.6 37.8#

