

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051722\
 Data File : VX028761.D
 Acq On : 17 May 2022 16:32
 Operator : JC/MD
 Sample : N2809-04
 Misc : 5.05g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-14A-TP-5R

Quant Time: May 17 16:59:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

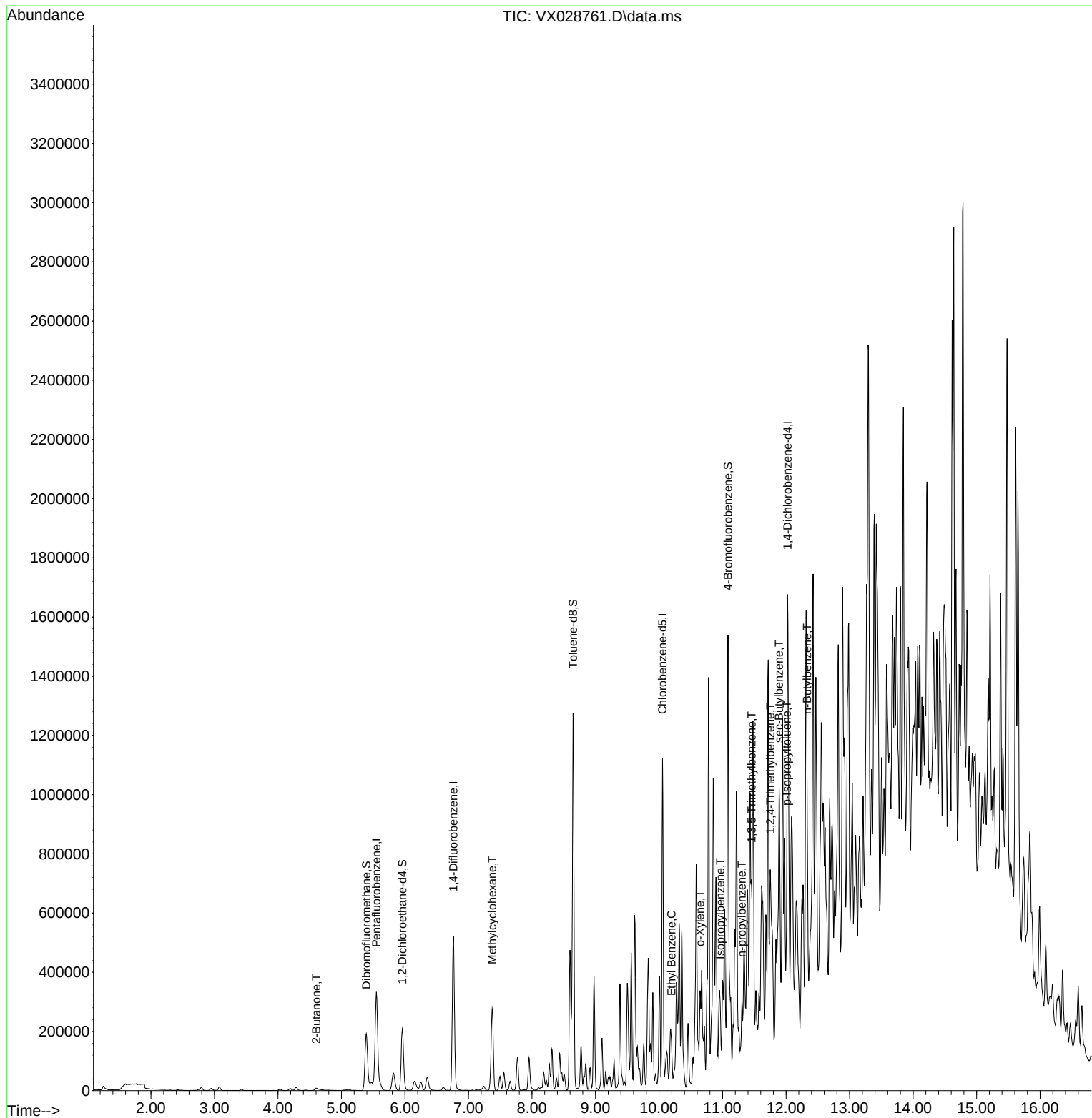
Internal Standards						
1) Pentafluorobenzene	5.550	168	310030	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	538486	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	492268	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	252503	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	206372	48.561	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	=	97.120%	
35) Dibromofluoromethane	5.391	113	168652	47.803	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	=	95.600%	
50) Toluene-d8	8.647	98	738359	55.509	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	=	111.020%	
62) 4-Bromofluorobenzene	11.085	95	255255	51.378	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	=	102.760%	
Target Compounds						
					Qvalue	
25) 2-Butanone	4.605	43	24473	8.548	ug/l	93
39) Methylcyclohexane	7.373	83	125203	20.602	ug/l	93
67) Ethyl Benzene	10.195	91	37323	1.994	ug/l	96
69) o-Xylene	10.646	106	42134	5.872	ug/l	96
73) Isopropylbenzene	10.963	105	63629	3.323	ug/l	99
78) n-propylbenzene	11.305	91	102000	4.605	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	169171	10.603	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	112771	7.048	ug/l	100
85) sec-Butylbenzene	11.890	105	87697	4.602	ug/l #	76
86) p-Isopropyltoluene	12.012	119	72355	4.525	ug/l	96
89) n-Butylbenzene	12.329	91	115514	8.338	ug/l #	46

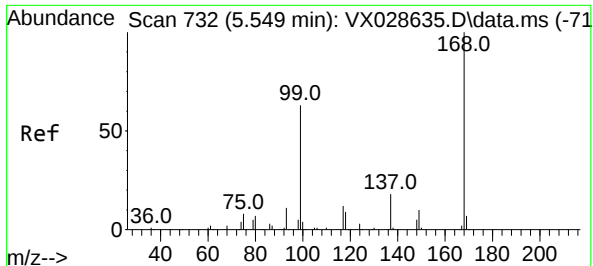
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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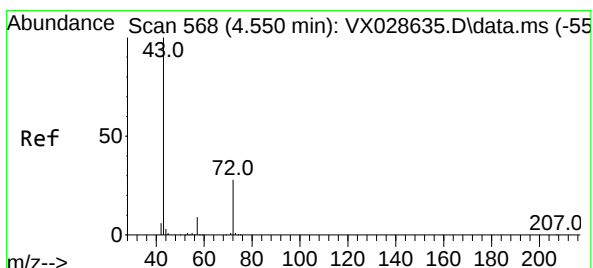
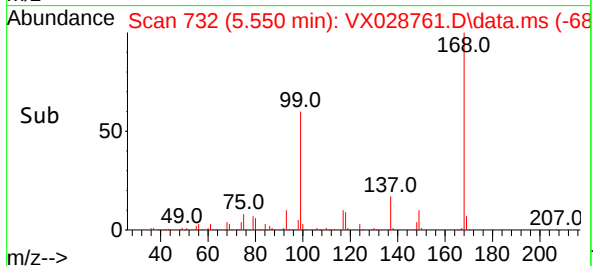
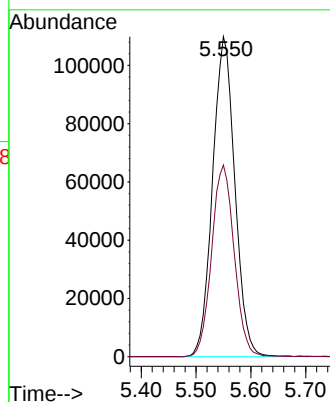
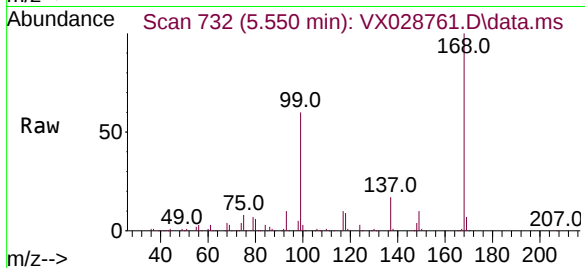




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX028761.D
Acq: 17 May 2022 16:32

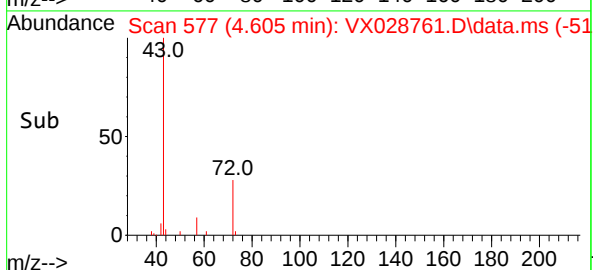
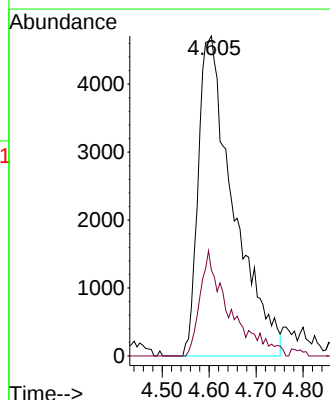
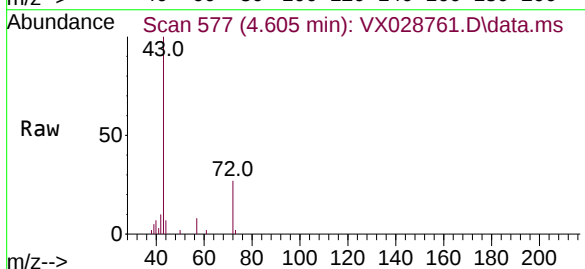
Instrument :
MSVOA_X
ClientSampleId :
WC-14A-TP-5R

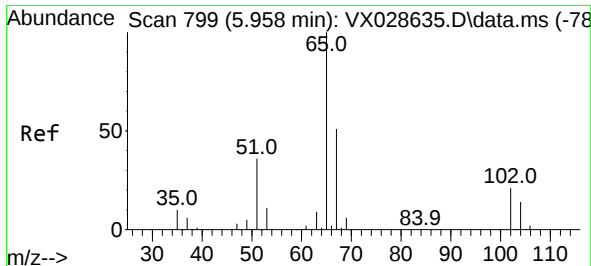
Tgt Ion:168 Resp: 310030
Ion Ratio Lower Upper
168 100
99 59.9 41.7 62.5



#25
2-Butanone
Concen: 8.548 ug/l
RT: 4.605 min Scan# 577
Delta R.T. 0.055 min
Lab File: VX028761.D
Acq: 17 May 2022 16:32

Tgt Ion: 43 Resp: 24473
Ion Ratio Lower Upper
43 100
72 26.8 24.4 36.6

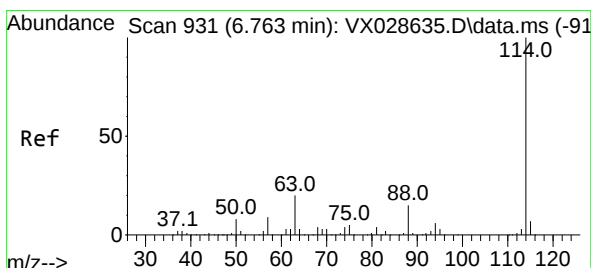
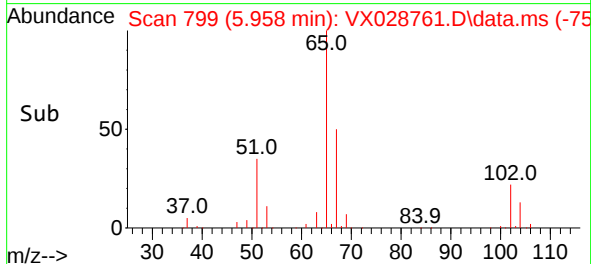
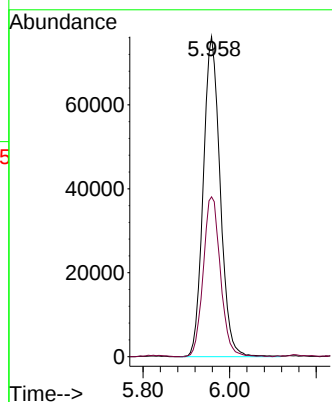
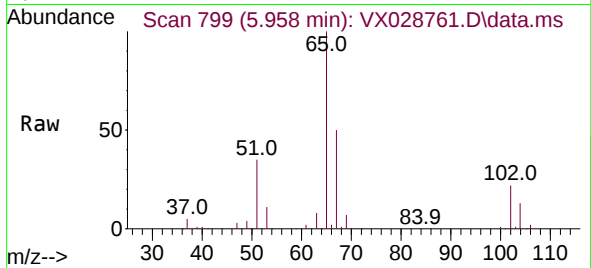




#33
 1,2-Dichloroethane-d4
 Concen: 48.561 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX028761.D
 Acq: 17 May 2022 16:32

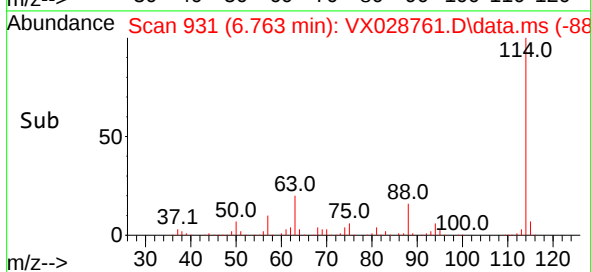
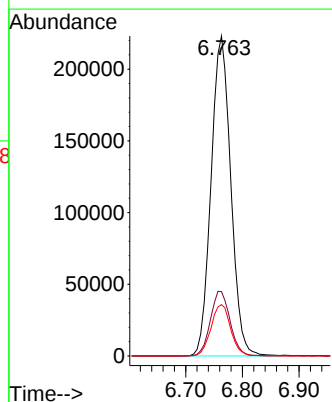
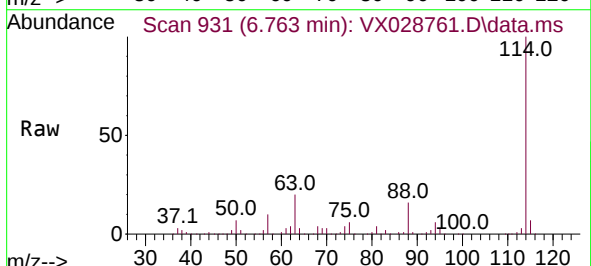
Instrument :
 MSVOA_X
 ClientSampleId :
 WC-14A-TP-5R

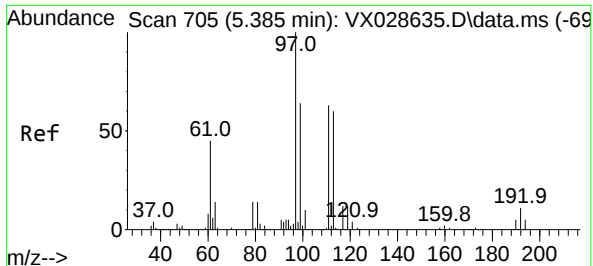
Tgt Ion: 65 Resp: 206372
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX028761.D
 Acq: 17 May 2022 16:32

Tgt Ion: 114 Resp: 538486
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 36.8
 88 16.1 0.0 32.4





#35

Dibromofluoromethane

Concen: 47.803 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX028761.D

Acq: 17 May 2022 16:32

Instrument :

MSVOA_X

ClientSampleId :

WC-14A-TP-5R

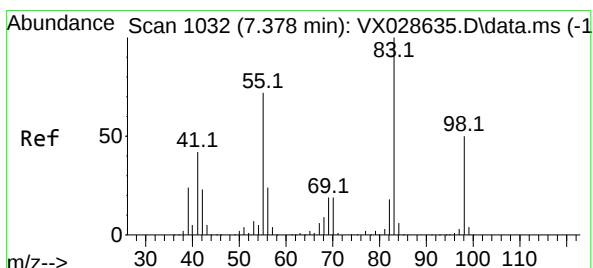
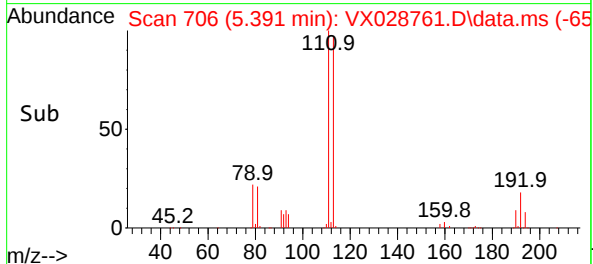
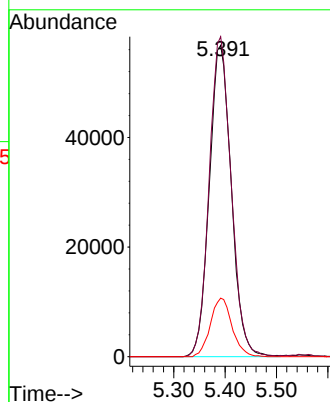
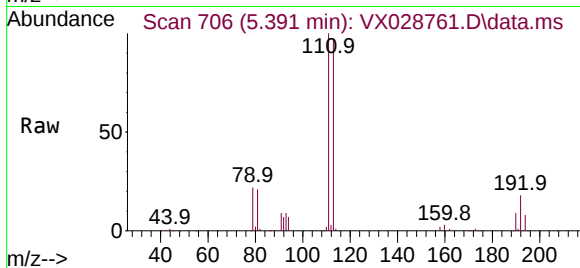
Tgt Ion:113 Resp: 168652

Ion Ratio Lower Upper

113 100

111 102.6 82.8 124.2

192 18.5 16.9 25.3



#39

Methylcyclohexane

Concen: 20.602 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. -0.005 min

Lab File: VX028761.D

Acq: 17 May 2022 16:32

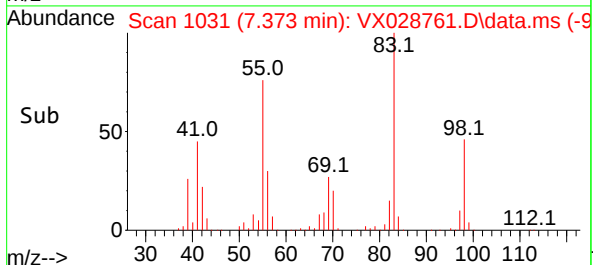
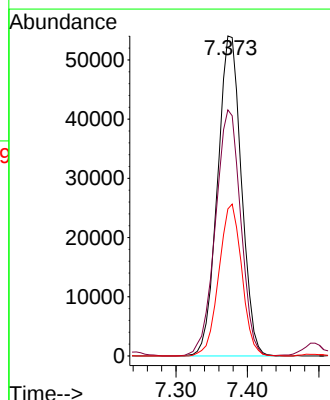
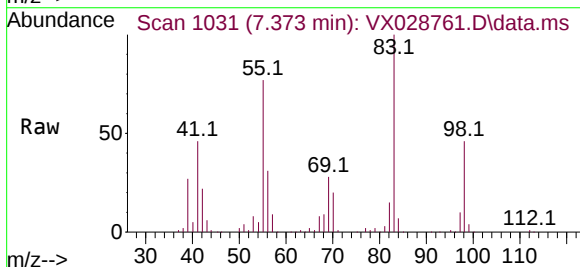
Tgt Ion: 83 Resp: 125203

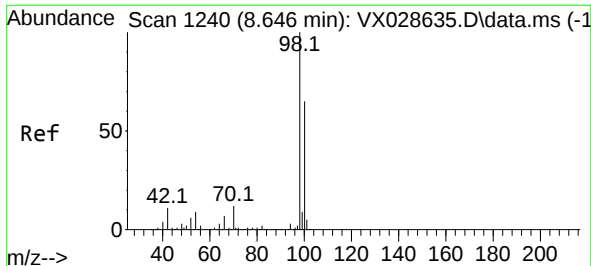
Ion Ratio Lower Upper

83 100

55 76.8 54.6 81.8

98 46.0 37.4 56.2

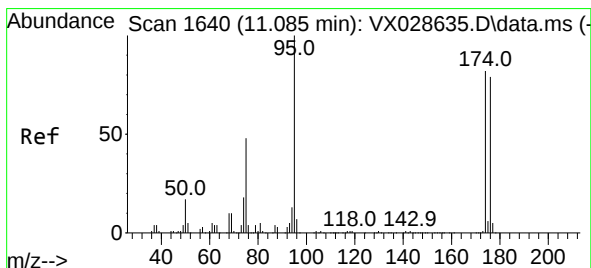
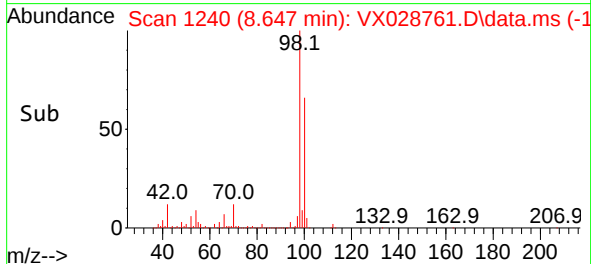
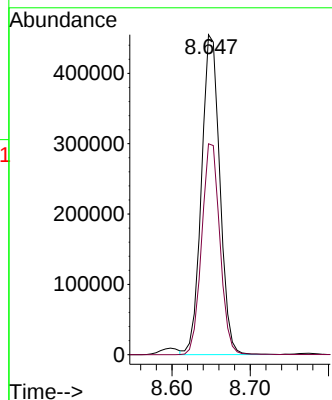
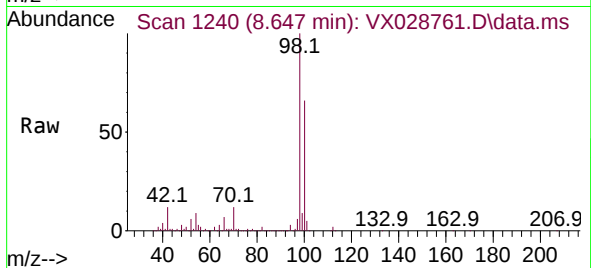




#50
Toluene-d8
Concen: 55.509 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX028761.D
Acq: 17 May 2022 16:32

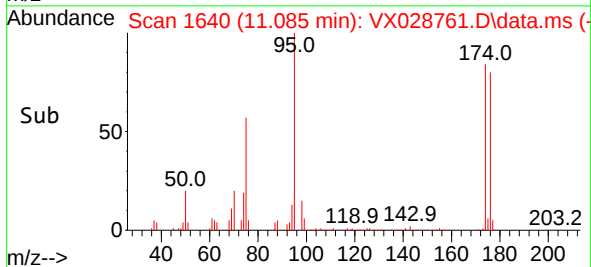
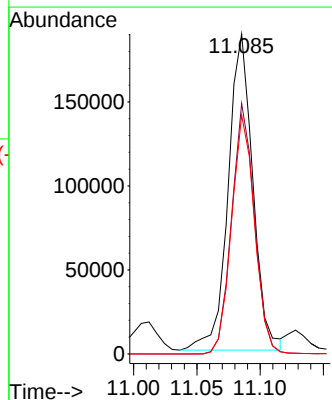
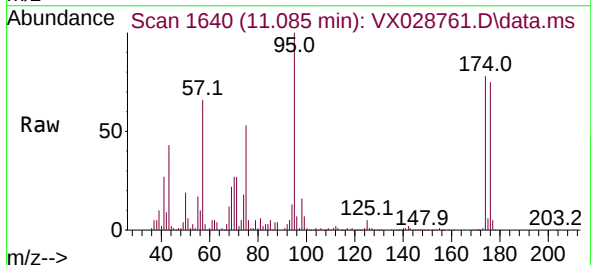
Instrument :
MSVOA_X
ClientSampleId :
WC-14A-TP-5R

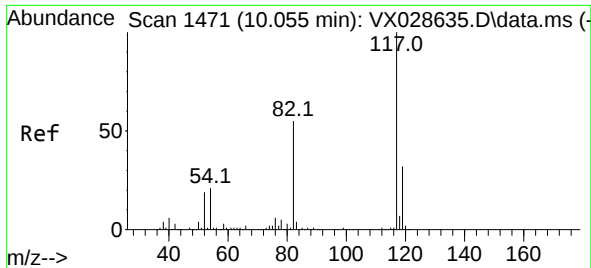
Tgt Ion: 98 Resp: 738359
Ion Ratio Lower Upper
98 100
100 65.6 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 51.378 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX028761.D
Acq: 17 May 2022 16:32

Tgt Ion: 95 Resp: 255255
Ion Ratio Lower Upper
95 100
174 73.2 0.0 163.0
176 70.7 0.0 155.0

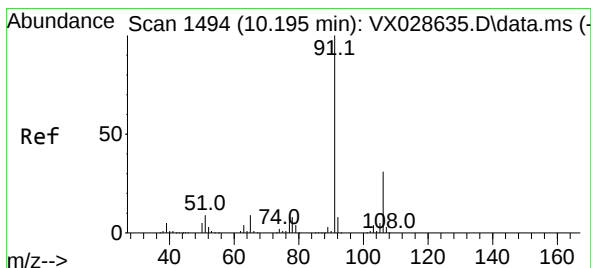
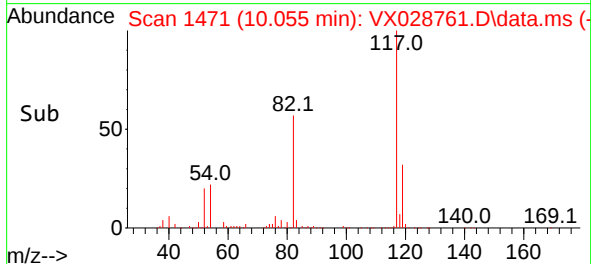
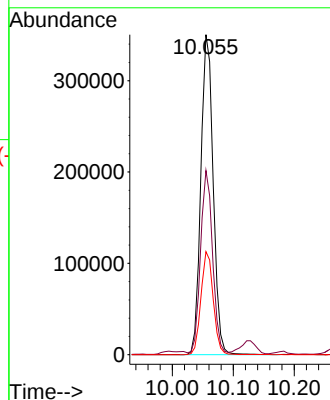
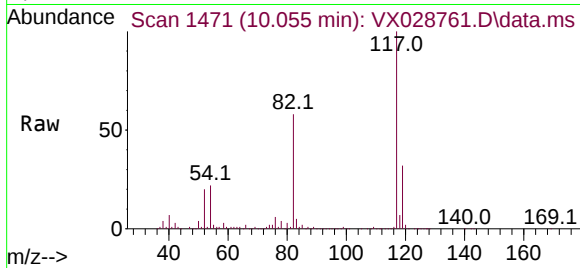




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028761.D
Acq: 17 May 2022 16:32

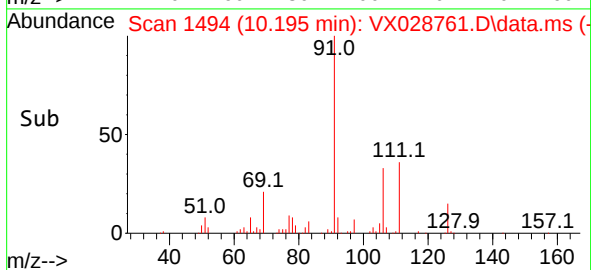
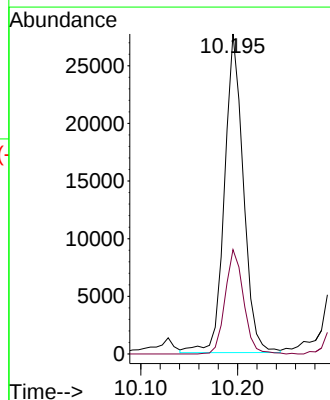
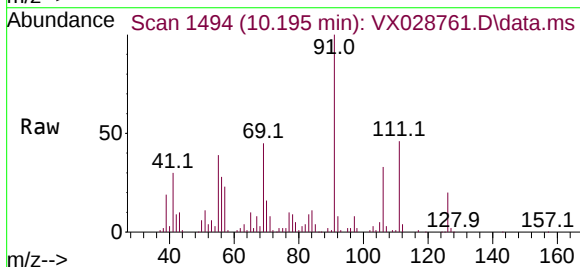
Instrument :
MSVOA_X
ClientSampleId :
WC-14A-TP-5R

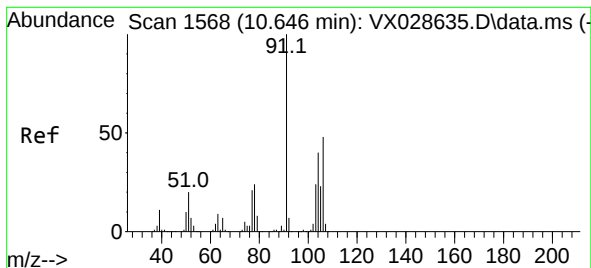
Tgt Ion:117 Resp: 492268
Ion Ratio Lower Upper
117 100
82 56.6 41.8 62.8
119 32.2 24.8 37.2



#67
Ethyl Benzene
Concen: 1.994 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX028761.D
Acq: 17 May 2022 16:32

Tgt Ion: 91 Resp: 37323
Ion Ratio Lower Upper
91 100
106 33.0 24.6 36.8





#69

o-Xylene

Concen: 5.872 ug/l

RT: 10.646 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX028761.D

Acq: 17 May 2022 16:32

Instrument :

MSVOA_X

ClientSampleId :

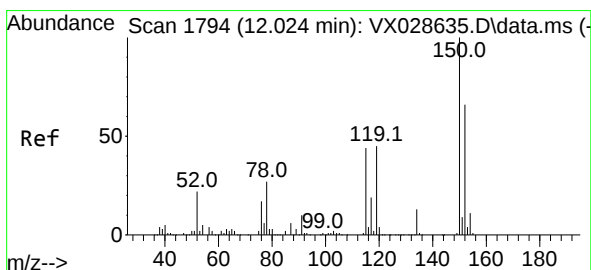
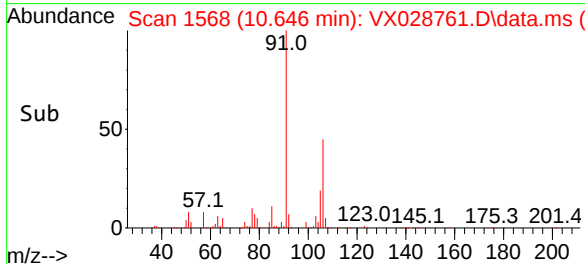
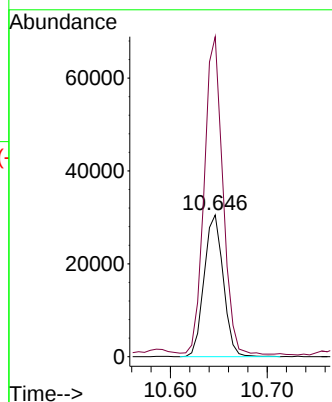
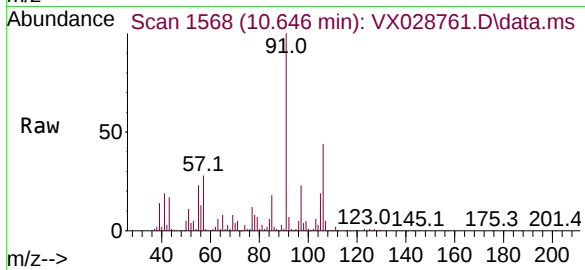
WC-14A-TP-5R

Tgt Ion:106 Resp: 42134

Ion Ratio Lower Upper

106 100

91 218.3 106.1 318.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX028761.D

Acq: 17 May 2022 16:32

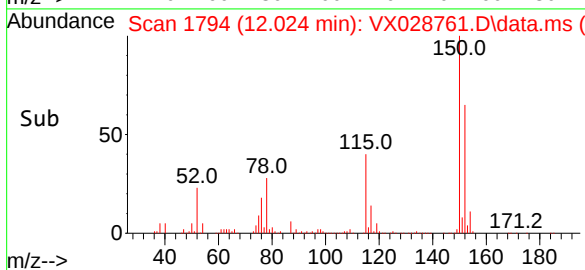
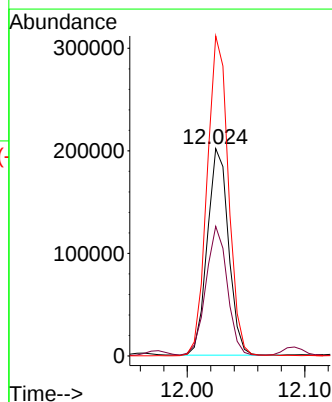
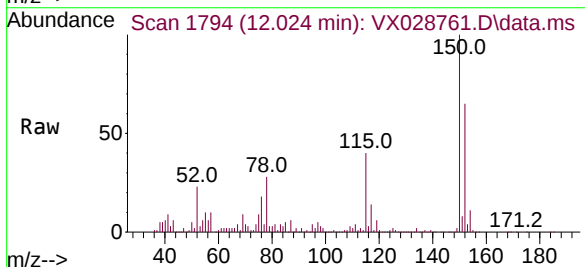
Tgt Ion:152 Resp: 252503

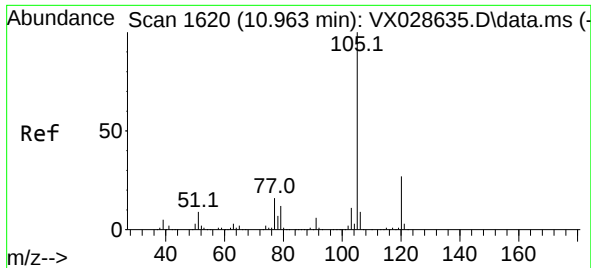
Ion Ratio Lower Upper

152 100

115 63.0 37.5 112.7

150 155.4 0.0 338.2

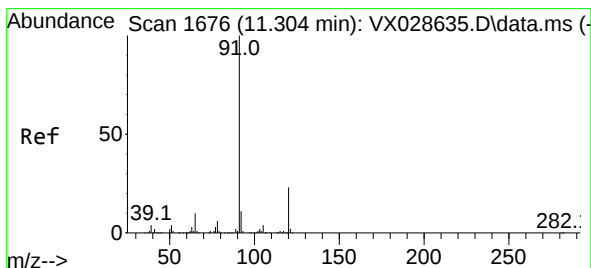
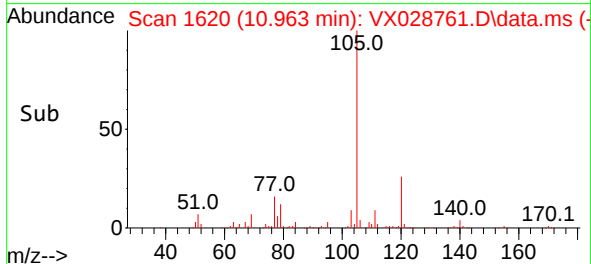
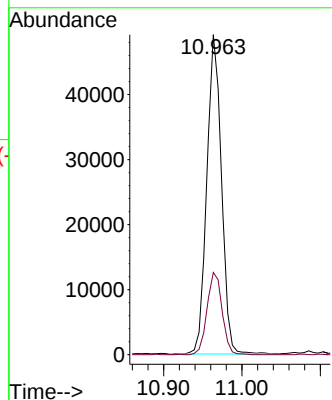
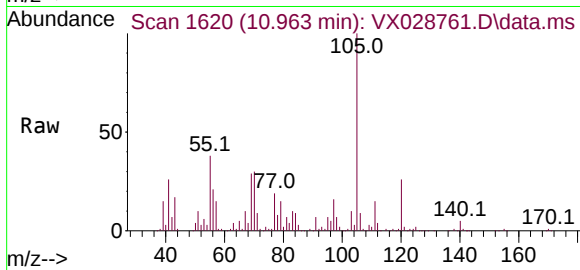




#73
Isopropylbenzene
Concen: 3.323 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX028761.D
Acq: 17 May 2022 16:32

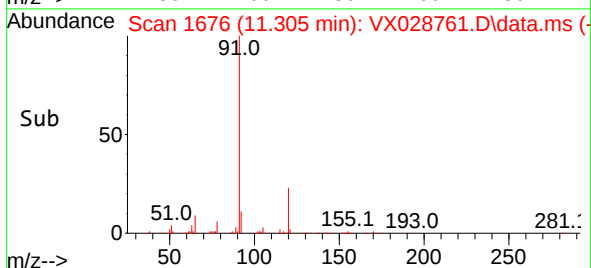
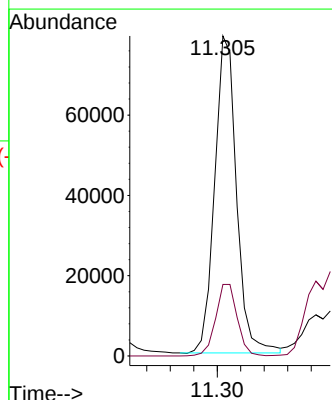
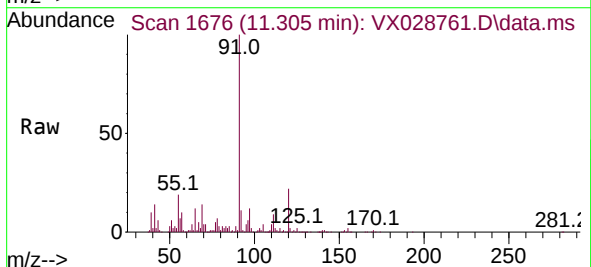
Instrument :
MSVOA_X
ClientSampleId :
WC-14A-TP-5R

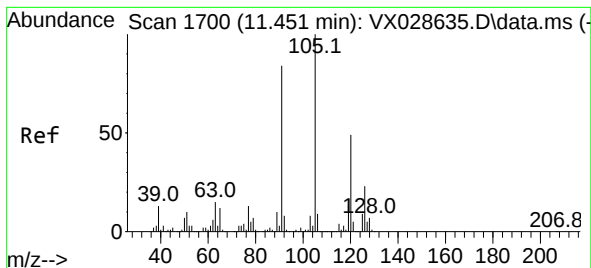
Tgt Ion:105 Resp: 63629
Ion Ratio Lower Upper
105 100
120 26.5 13.5 40.5



#78
n-propylbenzene
Concen: 4.605 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.001 min
Lab File: VX028761.D
Acq: 17 May 2022 16:32

Tgt Ion: 91 Resp: 102000
Ion Ratio Lower Upper
91 100
120 22.3 11.6 34.8





#80

1,3,5-Trimethylbenzene

Concen: 10.603 ug/l

RT: 11.457 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX028761.D

Acq: 17 May 2022 16:32

Instrument :

MSVOA_X

ClientSampleId :

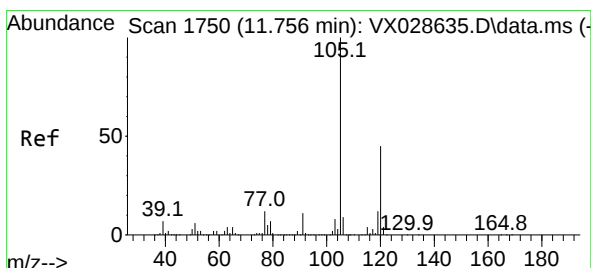
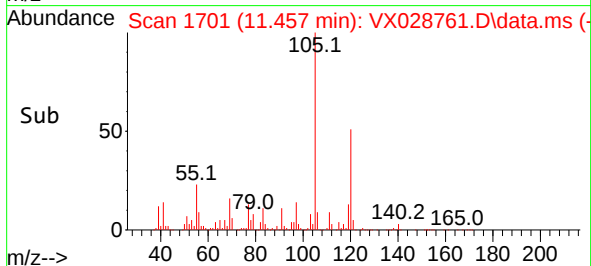
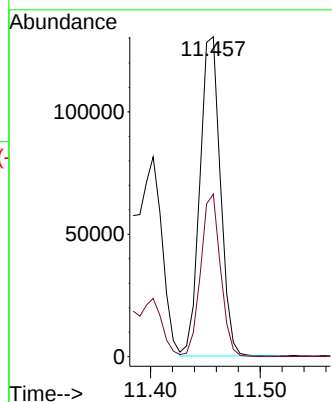
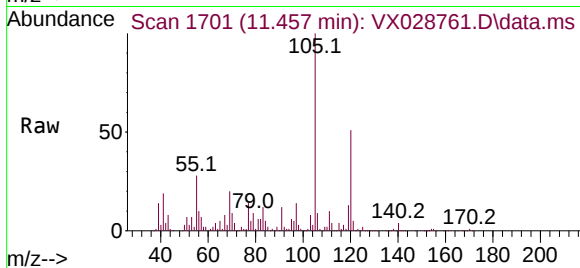
WC-14A-TP-5R

Tgt Ion:105 Resp: 169171

Ion Ratio Lower Upper

105 100

120 49.2 24.3 72.9



#84

1,2,4-Trimethylbenzene

Concen: 7.048 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. -0.000 min

Lab File: VX028761.D

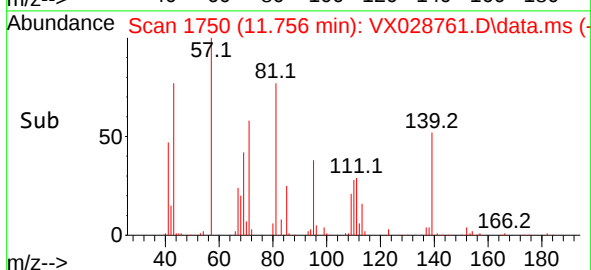
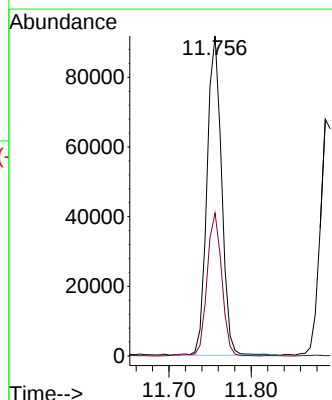
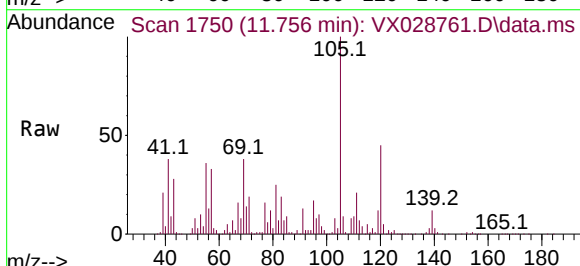
Acq: 17 May 2022 16:32

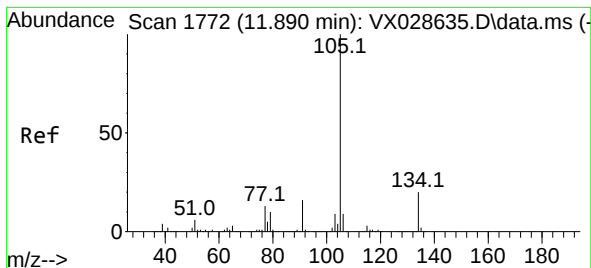
Tgt Ion:105 Resp: 112771

Ion Ratio Lower Upper

105 100

120 45.4 22.6 67.8





#85

sec-Butylbenzene

Concen: 4.602 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX028761.D

Acq: 17 May 2022 16:32

Instrument :

MSVOA_X

ClientSampleId :

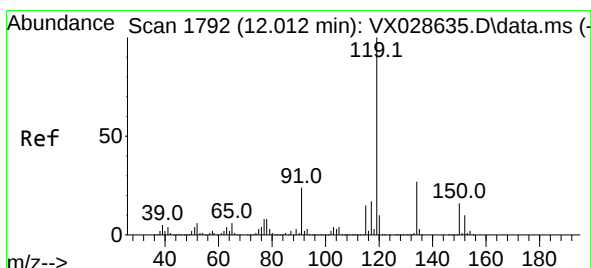
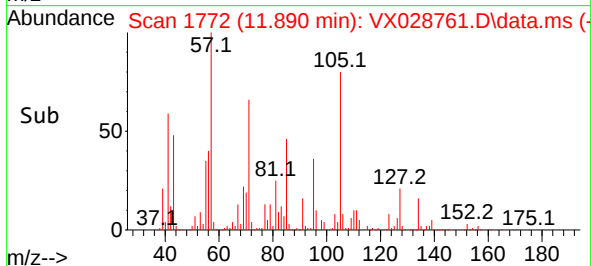
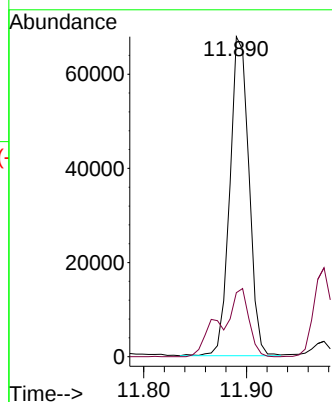
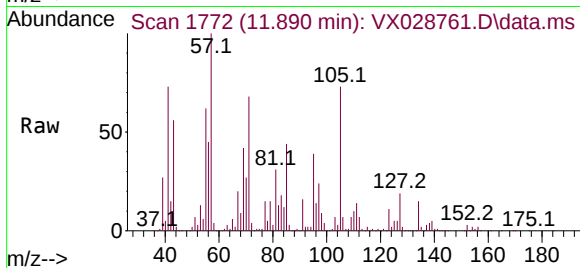
WC-14A-TP-5R

Tgt Ion:105 Resp: 87697

Ion Ratio Lower Upper

105 100

134 31.4 10.2 30.4#



#86

p-Isopropyltoluene

Concen: 4.525 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VX028761.D

Acq: 17 May 2022 16:32

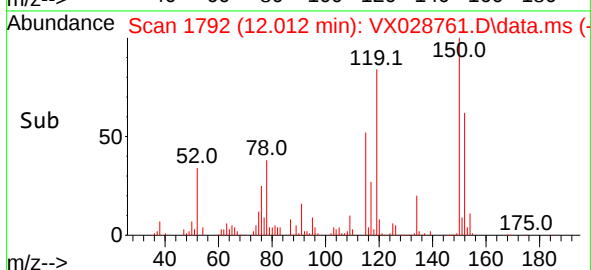
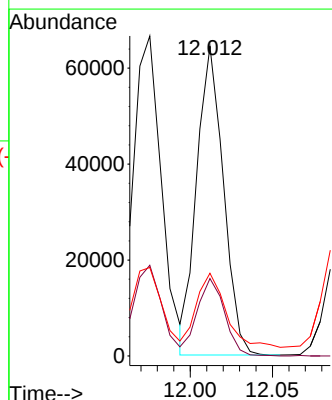
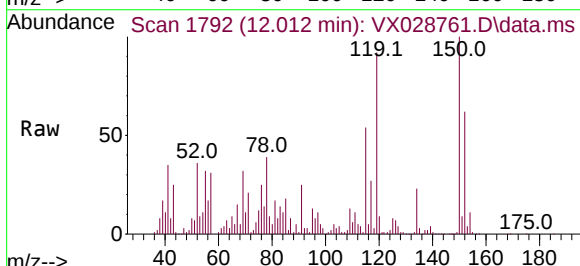
Tgt Ion:119 Resp: 72355

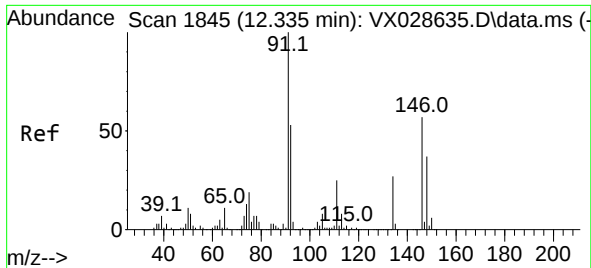
Ion Ratio Lower Upper

119 100

134 25.8 13.0 39.0

91 26.2 11.3 33.9





#89
 n-Butylbenzene
 Concen: 8.338 ug/l
 RT: 12.329 min Scan# 115514
 Delta R.T. -0.006 min
 Lab File: VX028761.D
 Acq: 17 May 2022 16:32

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-14A-TP-5R

Tgt Ion: 91 Resp: 115514

Ion	Ratio	Lower	Upper
91	100		
92	35.6	27.8	83.3
134	82.1	13.3	39.8#

