

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062222\
 Data File : VX029720.D
 Acq On : 23 Jun 2022 04:34
 Operator : JC/MD
 Sample : N3334-11
 Misc : 6.64g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-14A-1A-8-GR

Quant Time: Jun 23 07:20:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 20 01:31:01 2022
 Response via : Initial Calibration

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

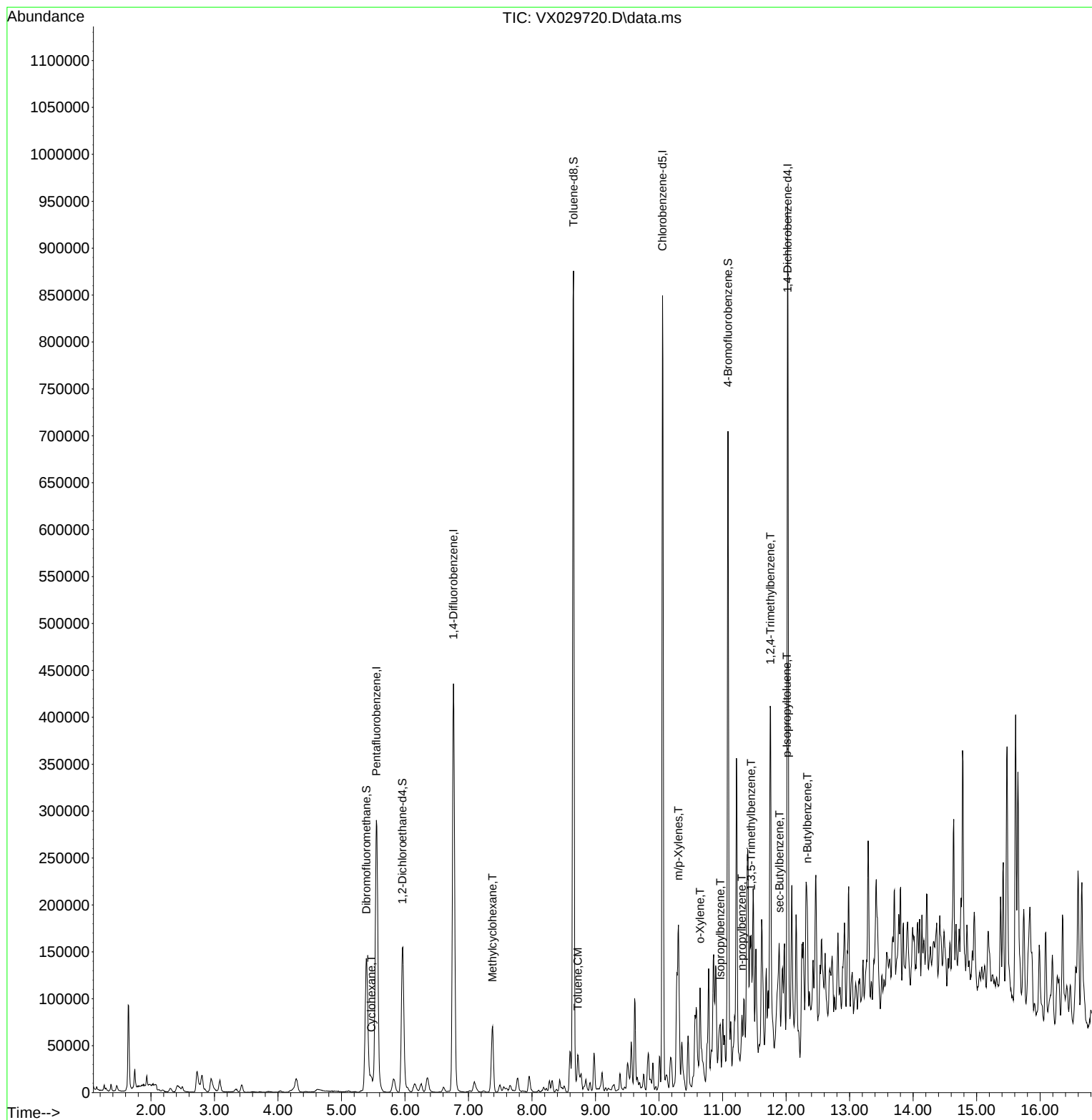
Internal Standards						
1) Pentafluorobenzene	5.549	168	293886	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	491087	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	423154	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	190393	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	154638	39.750	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	79.500%
35) Dibromofluoromethane	5.391	113	135327	42.285	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	84.580%
50) Toluene-d8	8.653	98	554902	47.462	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.920%
62) 4-Bromofluorobenzene	11.085	95	199730	45.301	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.600%
Target Compounds						
					Qvalue	
31) Cyclohexane	5.470	56	11965	2.291	ug/l	87
39) Methylcyclohexane	7.378	83	33990	6.294	ug/l	96
52) Toluene	8.720	92	10588	1.288	ug/l	98
68) m/p-Xylenes	10.305	106	26925	4.622	ug/l	97
69) o-Xylene	10.646	106	20380	3.541	ug/l	98
73) Isopropylbenzene	10.963	105	22661	1.587	ug/l	98
78) n-propylbenzene	11.304	91	24862	1.546	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	36606	3.045	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	124571	10.389	ug/l	99
85) sec-Butylbenzene	11.896	105	16142	1.111	ug/l	79
86) p-Isopropyltoluene	12.012	119	19154	1.575	ug/l	98
89) n-Butylbenzene	12.335	91	20627	2.009	ug/l #	46

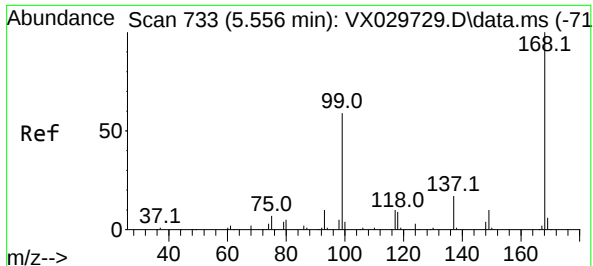
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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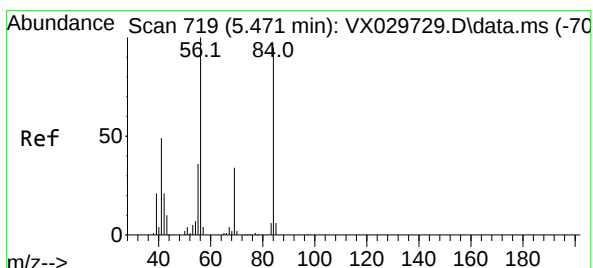
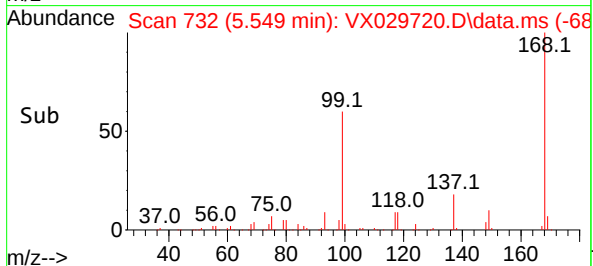
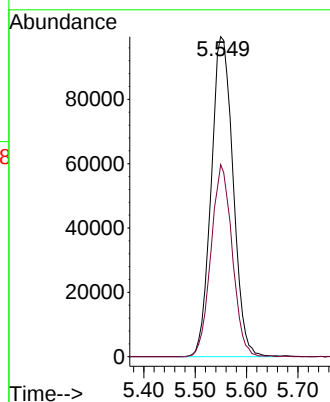
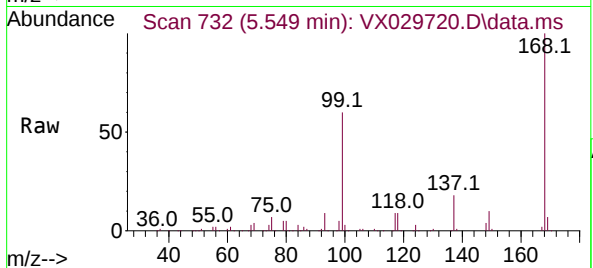




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 719
Delta R.T. -0.007 min
Lab File: VX029720.D
Acq: 23 Jun 2022 04:34

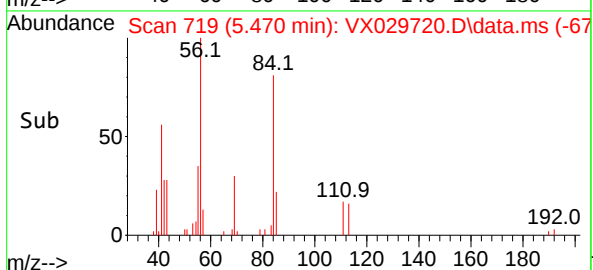
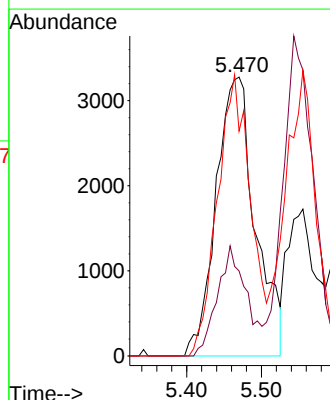
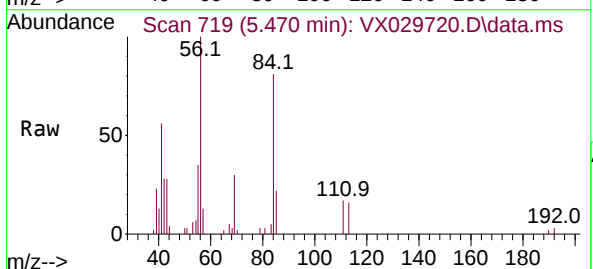
Instrument :
MSVOA_X
ClientSampleId :
WC-14A-1A-8-GR

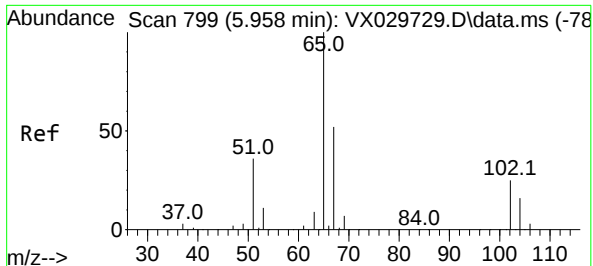
Tgt Ion:168 Resp: 293886
Ion Ratio Lower Upper
168 100
99 60.0 41.7 62.5



#31
Cyclohexane
Concen: 2.291 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.007 min
Lab File: VX029720.D
Acq: 23 Jun 2022 04:34

Tgt Ion: 56 Resp: 11965
Ion Ratio Lower Upper
56 100
69 30.5 26.7 40.1
84 80.6 77.2 115.8





#33

1,2-Dichloroethane-d4

Concen: 39.750 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX029720.D

Acq: 23 Jun 2022 04:34

Instrument :

MSVOA_X

ClientSampleId :

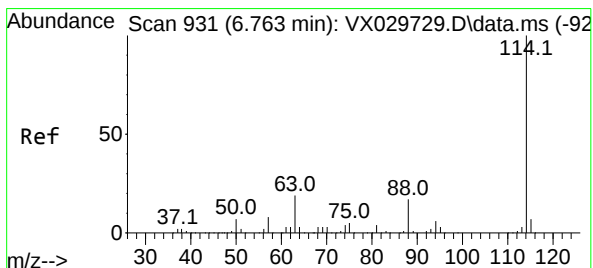
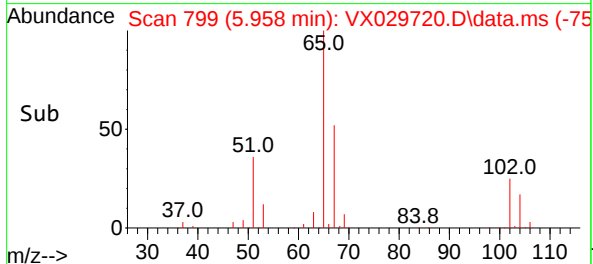
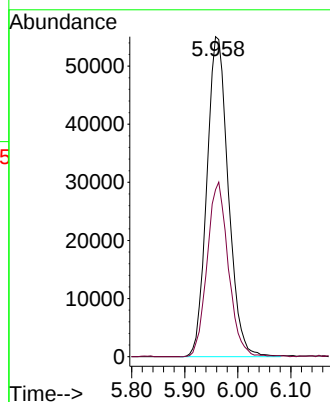
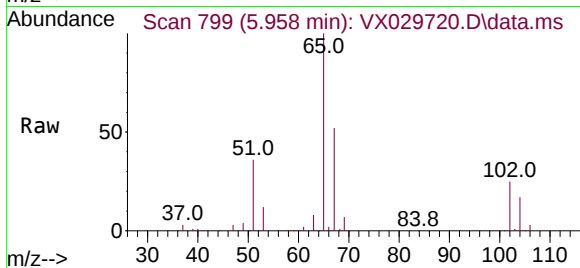
WC-14A-1A-8-GR

Tgt Ion: 65 Resp: 154638

Ion Ratio Lower Upper

65 100

67 53.9 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: VX029720.D

Acq: 23 Jun 2022 04:34

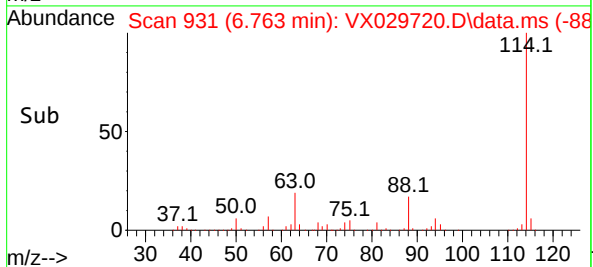
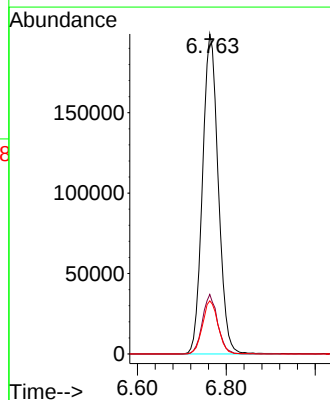
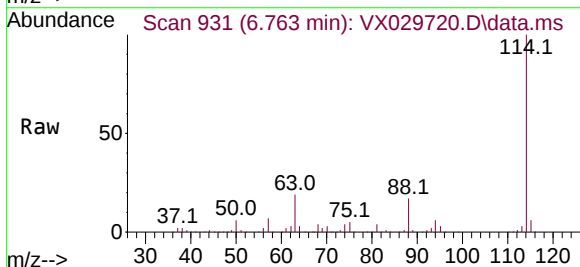
Tgt Ion: 114 Resp: 491087

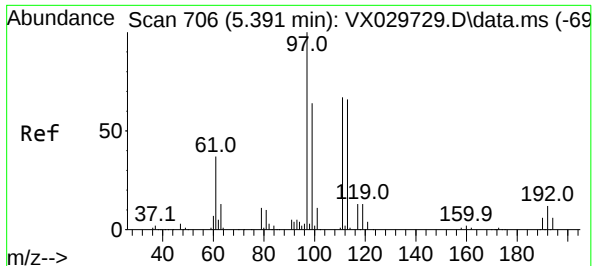
Ion Ratio Lower Upper

114 100

63 18.6 0.0 36.8

88 16.6 0.0 32.4





#35

Dibromofluoromethane

Concen: 42.285 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

Lab File: VX029720.D

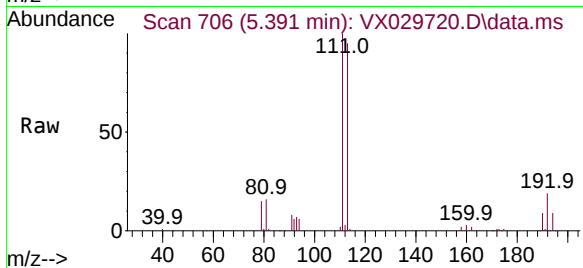
Acq: 23 Jun 2022 04:34

Instrument :

MSVOA_X

ClientSampleId :

WC-14A-1A-8-GR



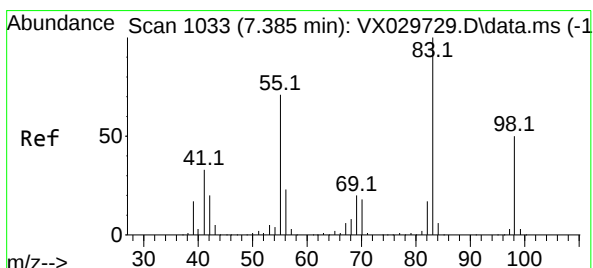
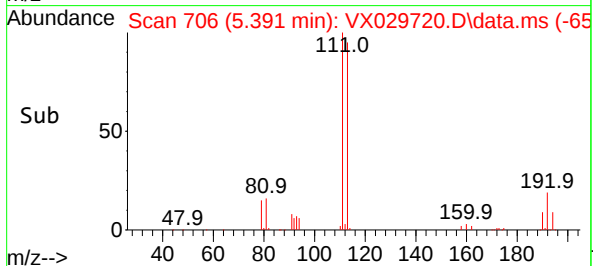
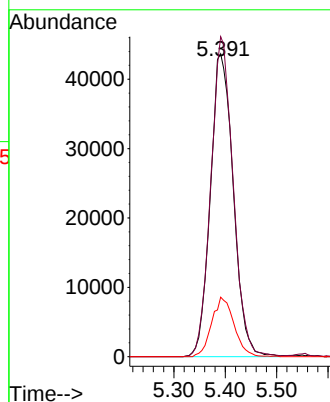
Tgt Ion:113 Resp: 135327

Ion Ratio Lower Upper

113 100

111 102.7 82.8 124.2

192 19.2 16.9 25.3



#39

Methylcyclohexane

Concen: 6.294 ug/l

RT: 7.378 min Scan# 1032

Delta R.T. -0.007 min

Lab File: VX029720.D

Acq: 23 Jun 2022 04:34

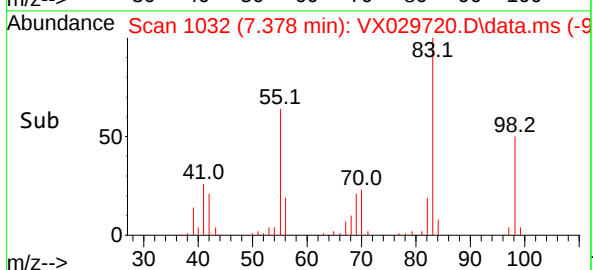
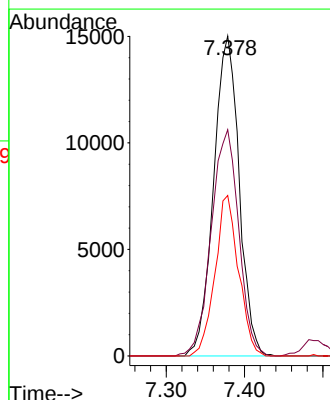
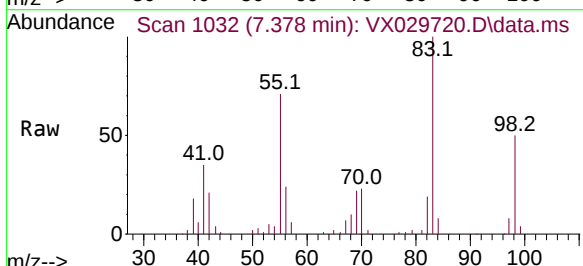
Tgt Ion: 83 Resp: 33990

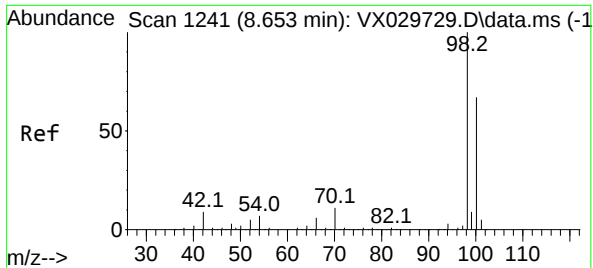
Ion Ratio Lower Upper

83 100

55 70.7 54.6 81.8

98 50.1 37.4 56.2

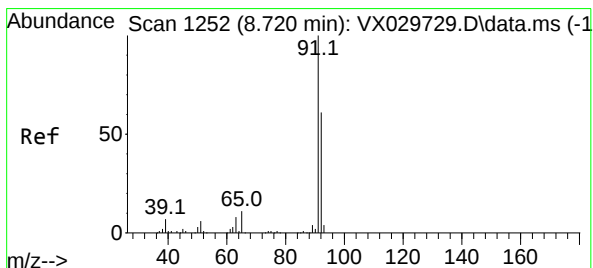
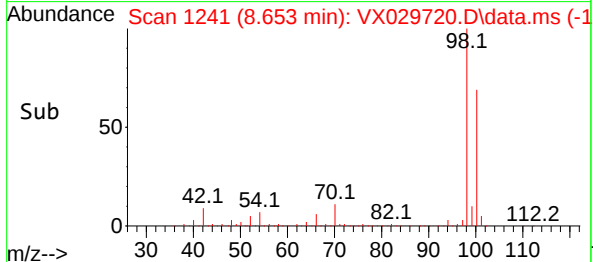
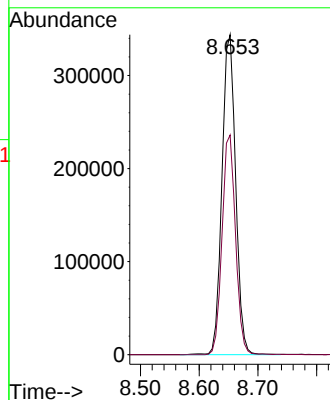
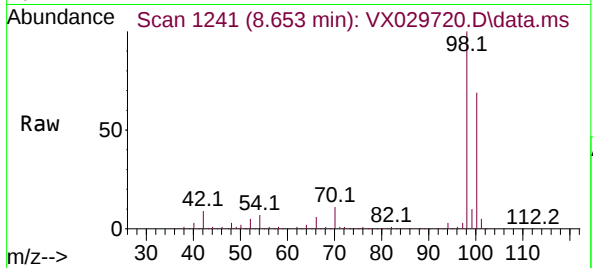




#50
Toluene-d8
Concen: 47.462 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029720.D
Acq: 23 Jun 2022 04:34

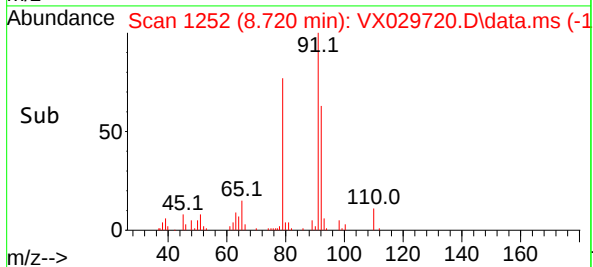
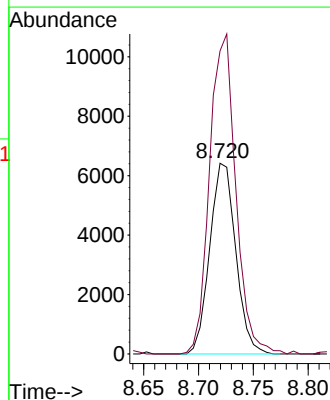
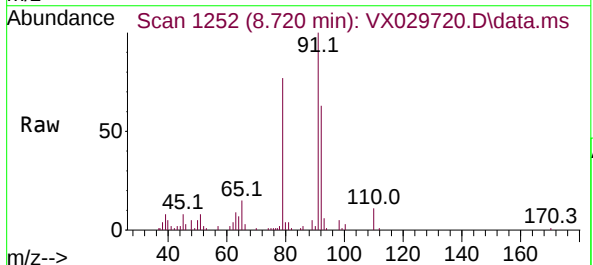
Instrument :
MSVOA_X
ClientSampleId :
WC-14A-1A-8-GR

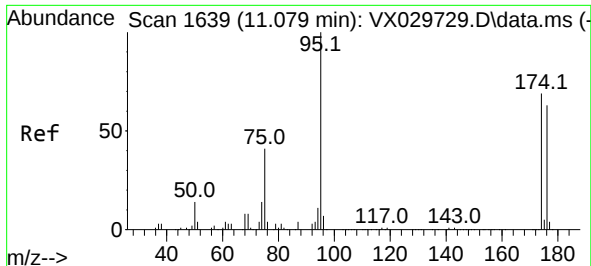
Tgt Ion: 98 Resp: 554902
Ion Ratio Lower Upper
98 100
100 67.6 52.6 78.8



#52
Toluene
Concen: 1.288 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX029720.D
Acq: 23 Jun 2022 04:34

Tgt Ion: 92 Resp: 10588
Ion Ratio Lower Upper
92 100
91 169.4 137.5 206.3





#62

4-Bromofluorobenzene

Concen: 45.301 ug/l

RT: 11.085 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX029720.D

Acq: 23 Jun 2022 04:34

Instrument :

MSVOA_X

ClientSampleId :

WC-14A-1A-8-GR

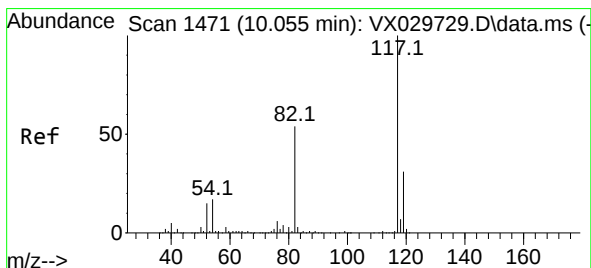
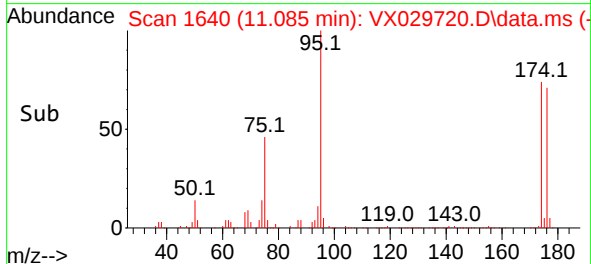
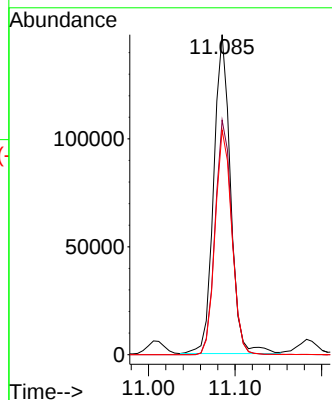
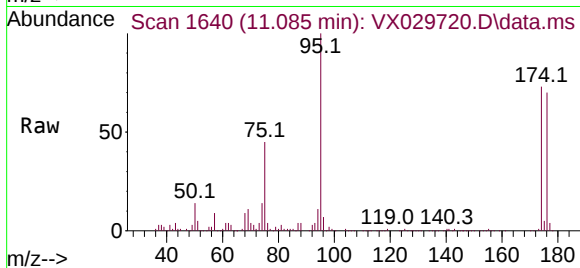
Tgt Ion: 95 Resp: 199730

Ion Ratio Lower Upper

95 100

174 72.8 0.0 163.0

176 70.0 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: VX029720.D

Acq: 23 Jun 2022 04:34

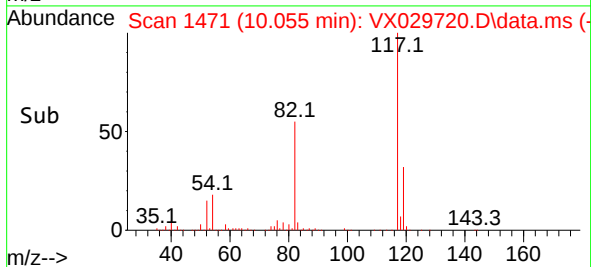
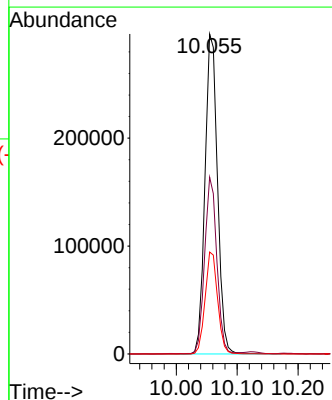
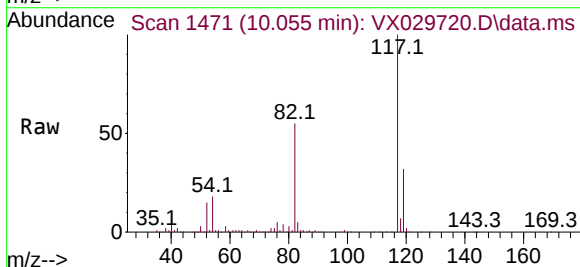
Tgt Ion: 117 Resp: 423154

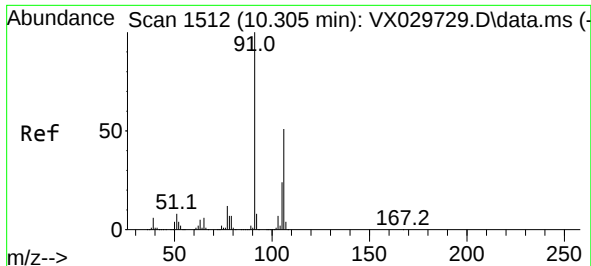
Ion Ratio Lower Upper

117 100

82 55.1 41.8 62.8

119 31.9 24.8 37.2

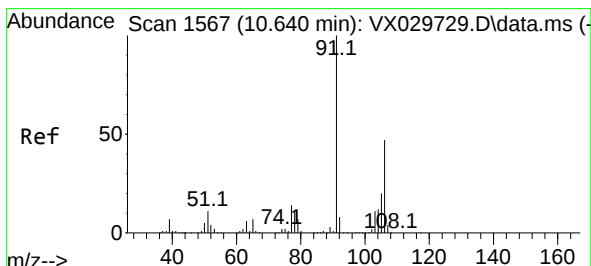
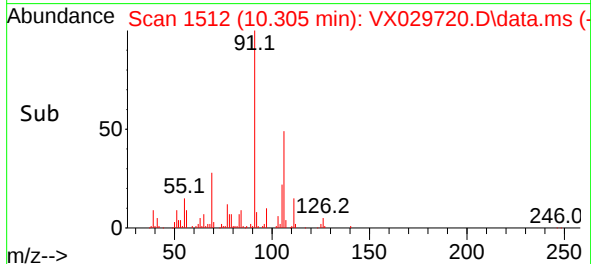
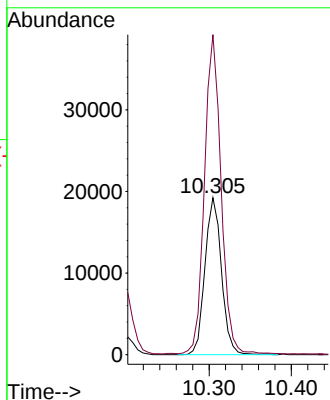
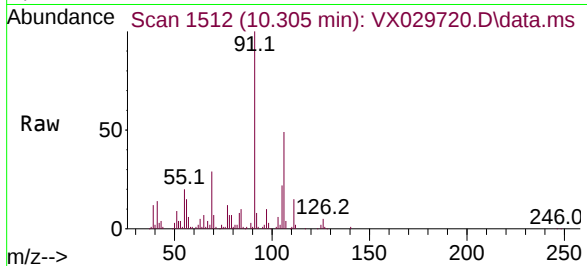




#68
m/p-Xylenes
Concen: 4.622 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX029720.D
Acq: 23 Jun 2022 04:34

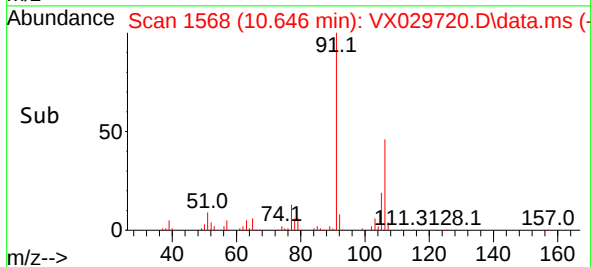
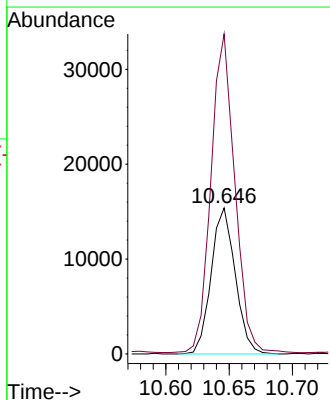
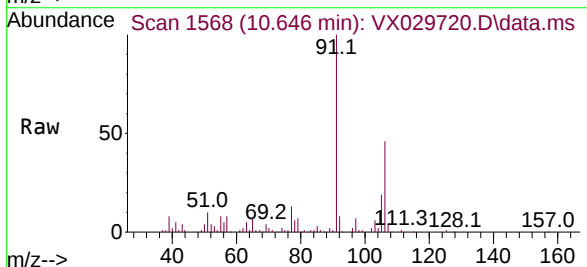
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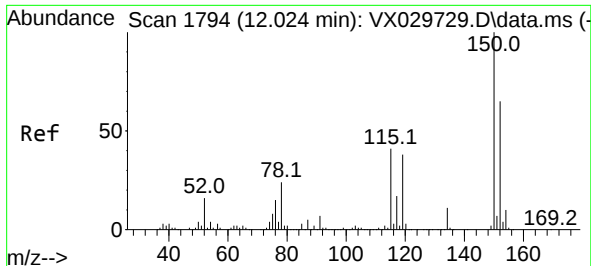
Tgt Ion:106 Resp: 26925
Ion Ratio Lower Upper
106 100
91 204.9 160.4 240.6



#69
o-Xylene
Concen: 3.541 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX029720.D
Acq: 23 Jun 2022 04:34

Tgt Ion:106 Resp: 20380
Ion Ratio Lower Upper
106 100
91 215.2 106.1 318.1

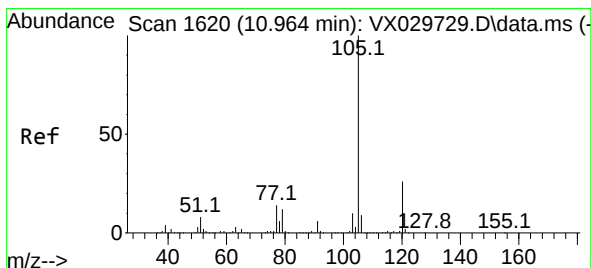
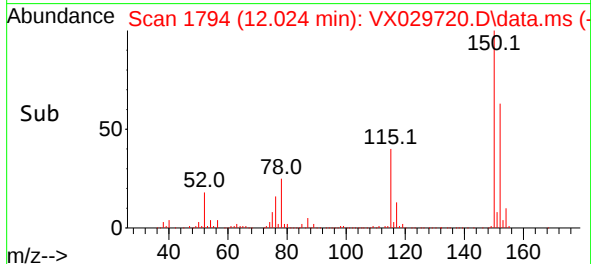
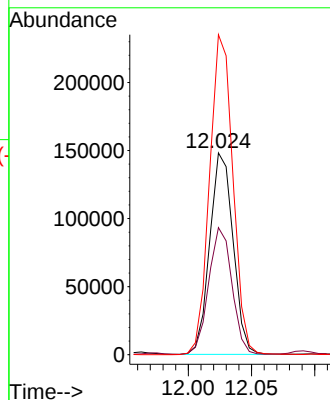
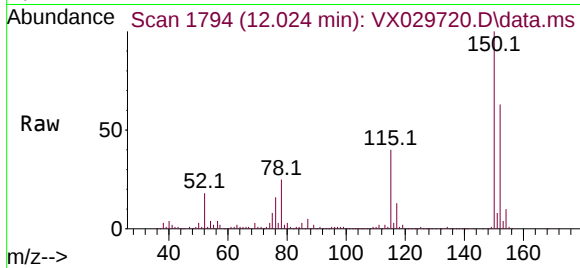




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029720.D
Acq: 23 Jun 2022 04:34

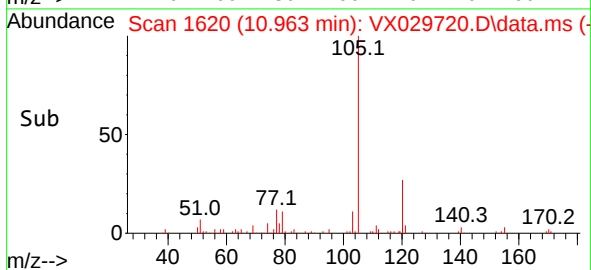
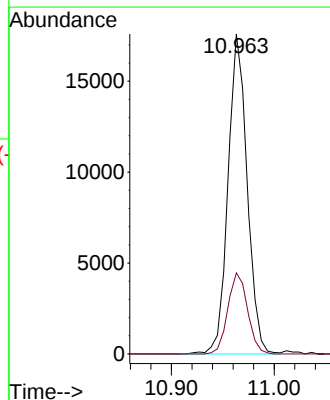
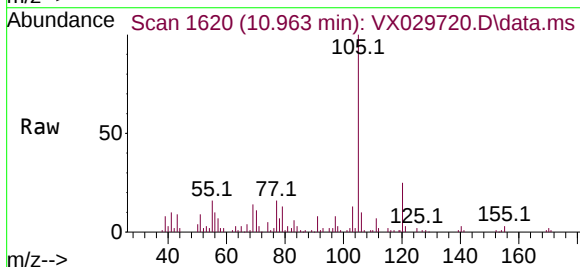
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WC-14A-1A-8-GR

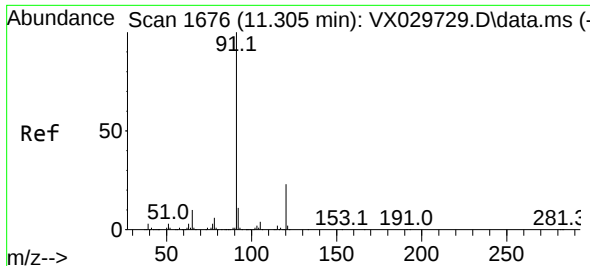
Tgt Ion:152 Resp: 190393
Ion Ratio Lower Upper
152 100
115 62.6 37.5 112.7
150 158.5 0.0 338.2



#73
Isopropylbenzene
Concen: 1.587 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX029720.D
Acq: 23 Jun 2022 04:34

Tgt Ion:105 Resp: 22661
Ion Ratio Lower Upper
105 100
120 26.1 13.5 40.5

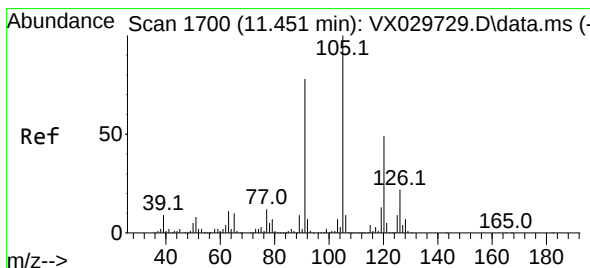
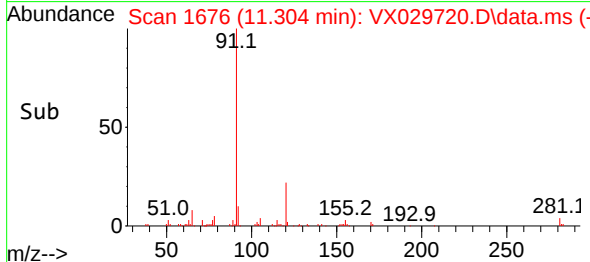
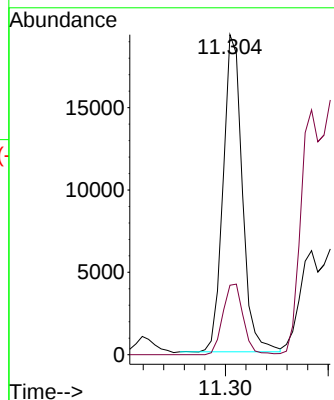
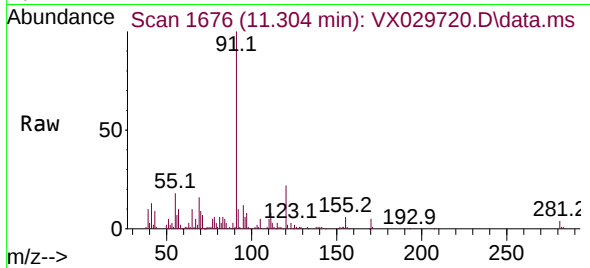




#78
n-propylbenzene
Concen: 1.546 ug/l
RT: 11.304 min Scan# 1
Delta R.T. -0.001 min
Lab File: VX029720.D
Acq: 23 Jun 2022 04:34

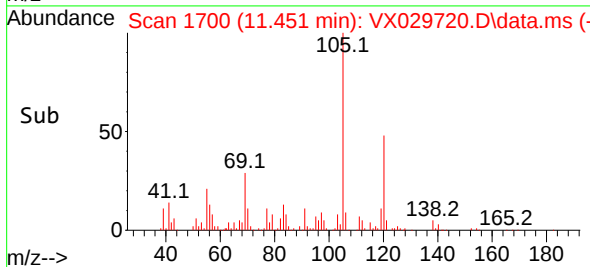
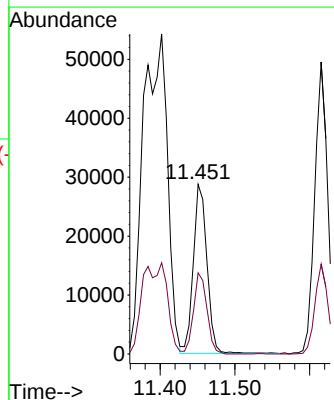
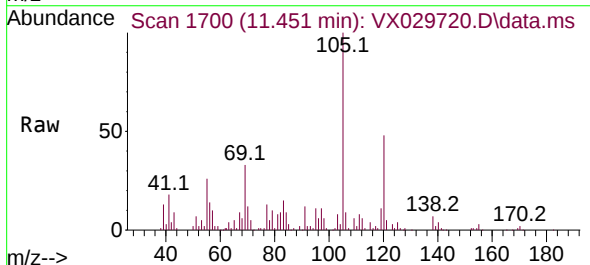
Instrument :
MSVOA_X
ClientSampleId :
WC-14A-1A-8-GR

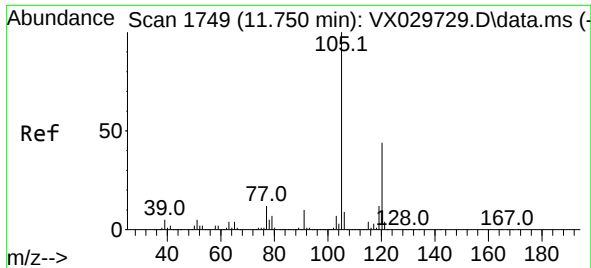
Tgt Ion: 91 Resp: 24862
Ion Ratio Lower Upper
91 100
120 23.7 11.6 34.8



#80
1,3,5-Trimethylbenzene
Concen: 3.045 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX029720.D
Acq: 23 Jun 2022 04:34

Tgt Ion:105 Resp: 36606
Ion Ratio Lower Upper
105 100
120 46.4 24.3 72.9

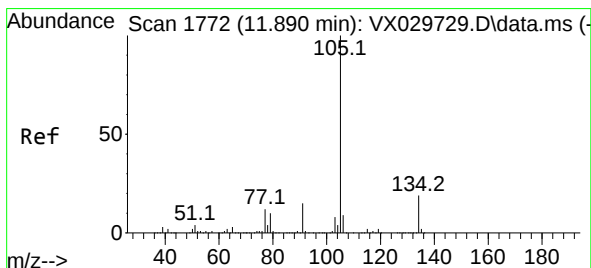
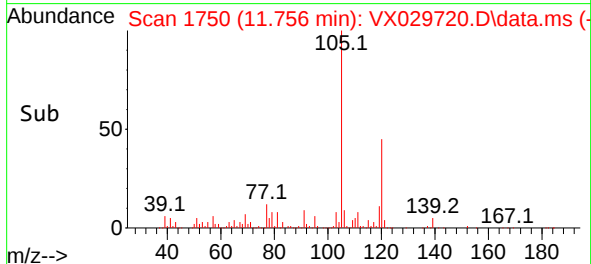
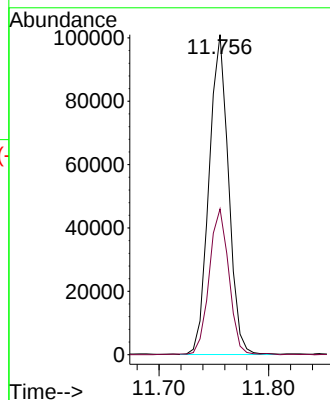
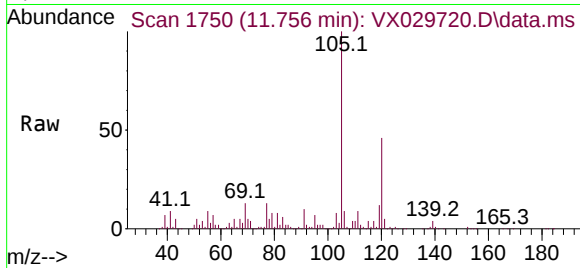




#84
1,2,4-Trimethylbenzene
Concen: 10.389 ug/l
RT: 11.756 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX029720.D
Acq: 23 Jun 2022 04:34

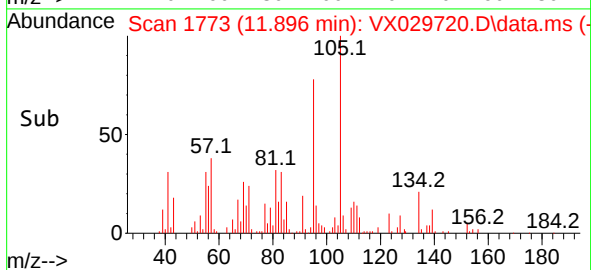
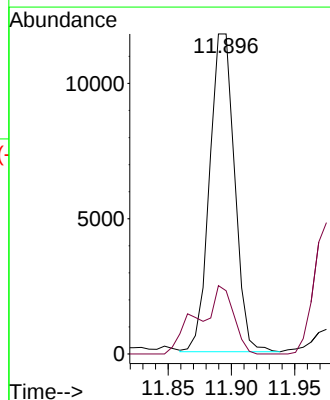
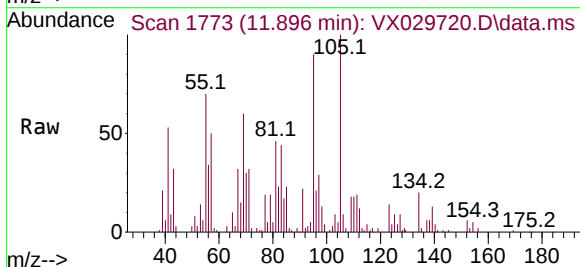
Instrument :
MSVOA_X
ClientSampleId :
WC-14A-1A-8-GR

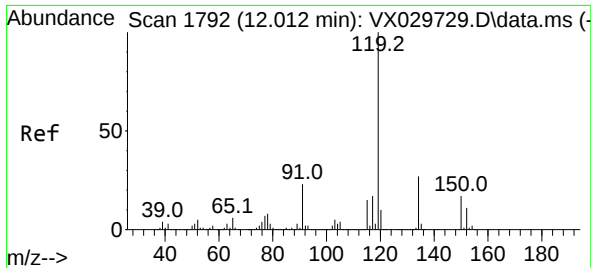
Tgt Ion:105 Resp: 124571
Ion Ratio Lower Upper
105 100
120 46.1 22.6 67.8



#85
sec-Butylbenzene
Concen: 1.111 ug/l
RT: 11.896 min Scan# 1773
Delta R.T. 0.006 min
Lab File: VX029720.D
Acq: 23 Jun 2022 04:34

Tgt Ion:105 Resp: 16142
Ion Ratio Lower Upper
105 100
134 30.2 10.2 30.4

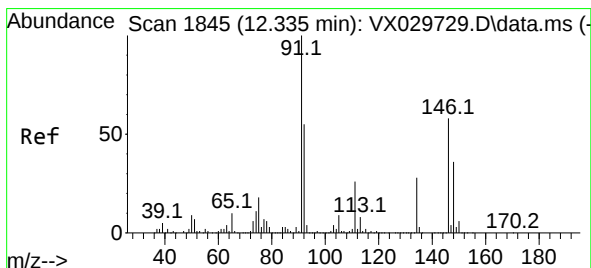
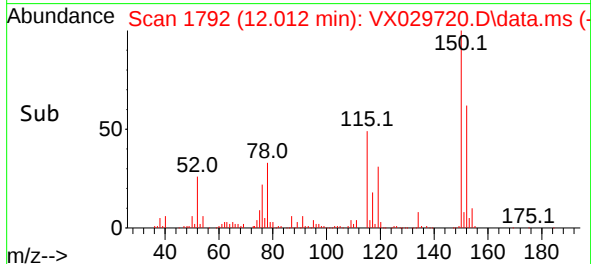
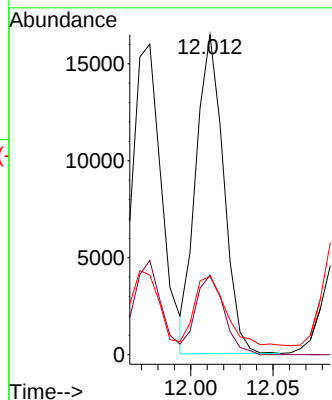
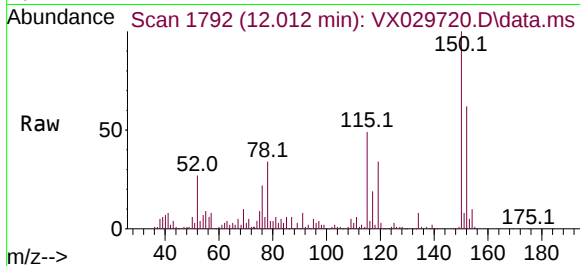




#86
p-Isopropyltoluene
Concen: 1.575 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VX029720.D
Acq: 23 Jun 2022 04:34

Instrument :
MSVOA_X
ClientSampleId :
WC-14A-1A-8-GR

Tgt Ion:	119	Resp:	19154
Ion	Ratio	Lower	Upper
119	100		
134	25.8	13.0	39.0
91	24.4	11.3	33.9



#89
n-Butylbenzene
Concen: 2.009 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX029720.D
Acq: 23 Jun 2022 04:34

Tgt Ion:	91	Resp:	20627
Ion	Ratio	Lower	Upper
91	100		
92	38.3	27.8	83.3
134	86.1	13.3	39.8

