

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042022\
 Data File : VX028191.D
 Acq On : 20 Apr 2022 12:38
 Operator : JC/MD
 Sample : N2452-11MEDL 5X
 Misc : 4.49g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-15-1-5-GRMEDL

Quant Time: Apr 20 15:19:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:38:04 2022
 Response via : Initial Calibration

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

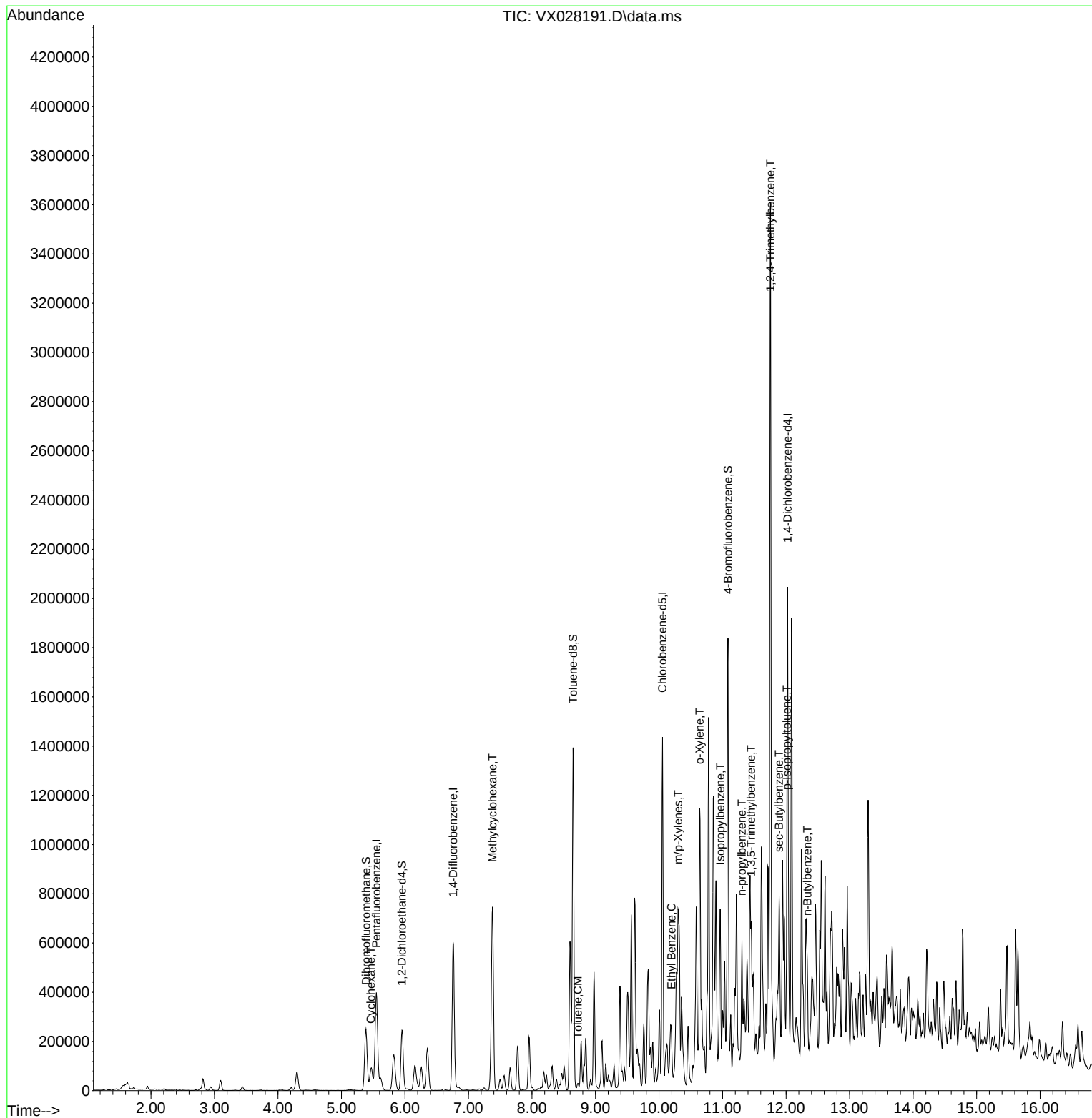
Internal Standards						
1) Pentafluorobenzene	5.550	168	388190	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	661671	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	659951	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	389074	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	236190	46.664	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.320%
35) Dibromofluoromethane	5.385	113	214509	46.228	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	92.460%
50) Toluene-d8	8.647	98	795464	44.633	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	89.260%
62) 4-Bromofluorobenzene	11.085	95	350911	51.495	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	102.980%
Target Compounds						
					Qvalue	
31) Cyclohexane	5.464	56	62702	10.168	ug/l	97
39) Methylcyclohexane	7.379	83	356231	46.645	ug/l	97
52) Toluene	8.720	92	10046	0.816	ug/l	94
67) Ethyl Benzene	10.195	91	67438	2.858	ug/l	99
68) m/p-Xylenes	10.299	106	122489	12.756	ug/l	98
69) o-Xylene	10.640	106	250577	26.173	ug/l	96
73) Isopropylbenzene	10.963	105	283246	10.592	ug/l	100
78) n-propylbenzene	11.305	91	292934	9.879	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	174290	7.678	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	1524834	67.574	ug/l	96
85) sec-Butylbenzene	11.890	105	145144	5.190	ug/l	100
86) p-Isopropyltoluene	12.012	119	93483	3.875	ug/l	97
89) n-Butylbenzene	12.335	91	111257	5.616	ug/l #	76

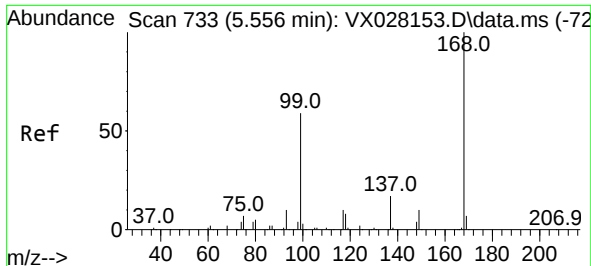
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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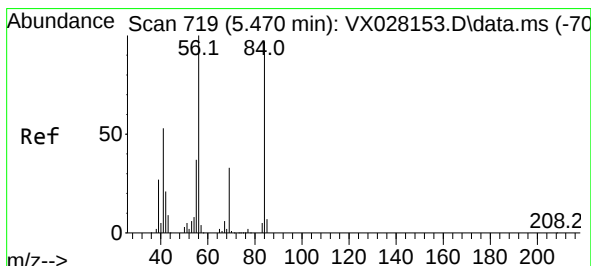
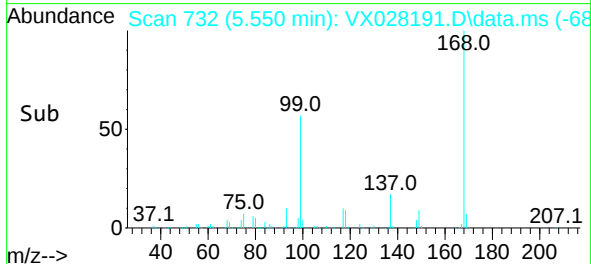
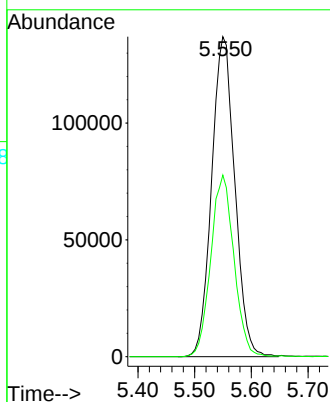
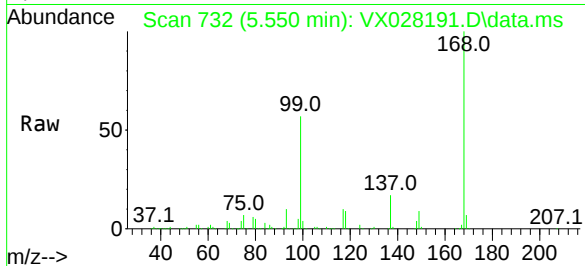




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX028191.D
Acq: 20 Apr 2022 12:38

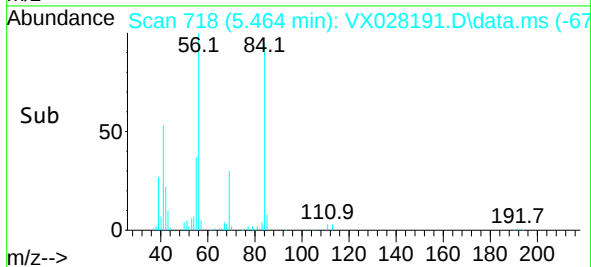
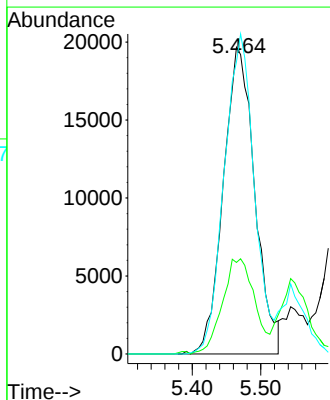
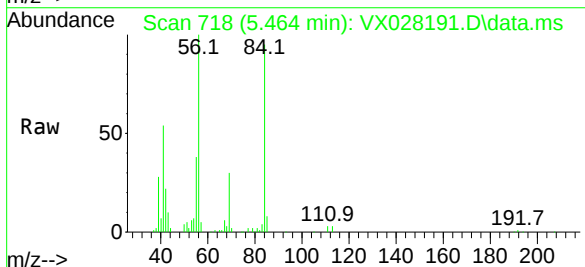
Instrument :
MSVOA_X
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WC-15-1-5-GRMEDL

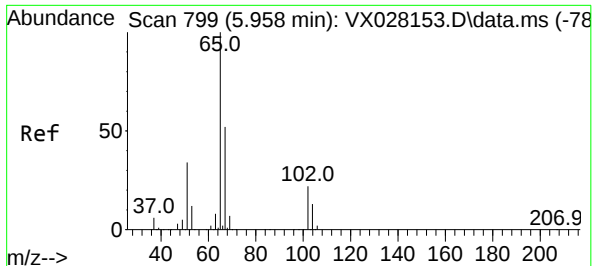
Tgt Ion:168 Resp: 388190
Ion Ratio Lower Upper
168 100
99 56.8 41.7 62.5



#31
Cyclohexane
Concen: 10.168 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX028191.D
Acq: 20 Apr 2022 12:38

Tgt Ion: 56 Resp: 62702
Ion Ratio Lower Upper
56 100
69 29.5 26.7 40.1
84 95.2 77.2 115.8





#33

1,2-Dichloroethane-d4

Concen: 46.664 ug/l

RT: 5.952 min Scan# 79

Delta R.T. -0.006 min

Lab File: VX028191.D

Acq: 20 Apr 2022 12:38

Instrument :

MSVOA_X

ClientSampleId :

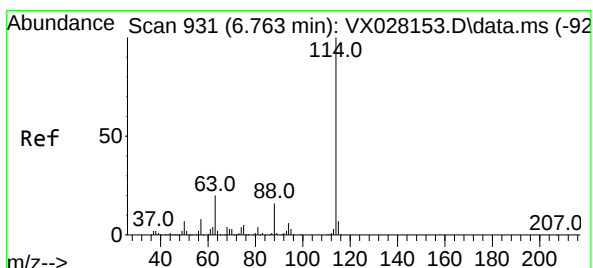
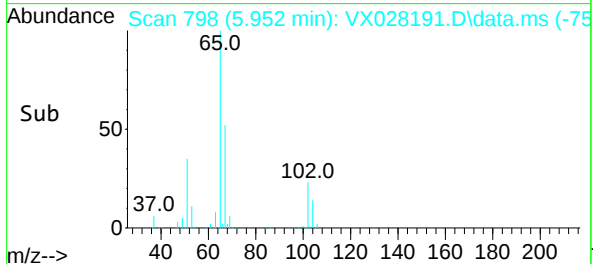
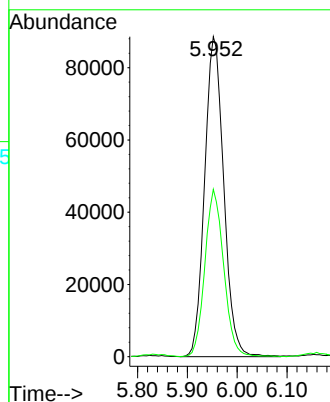
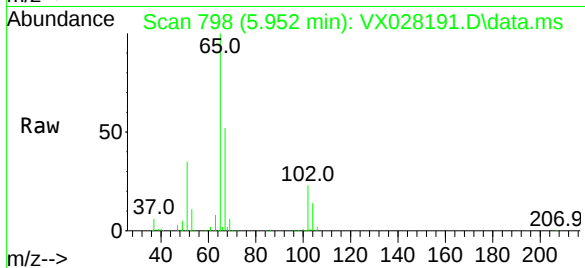
WC-15-1-5-GRMEDL

Tgt Ion: 65 Resp: 236190

Ion Ratio Lower Upper

65 100

67 51.5 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX028191.D

Acq: 20 Apr 2022 12:38

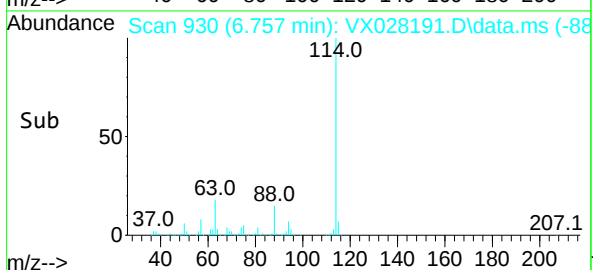
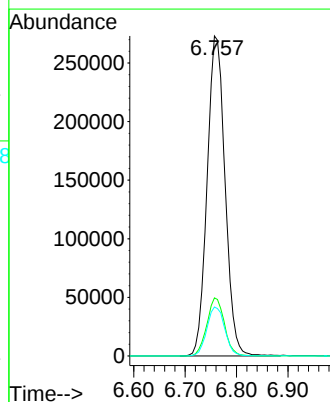
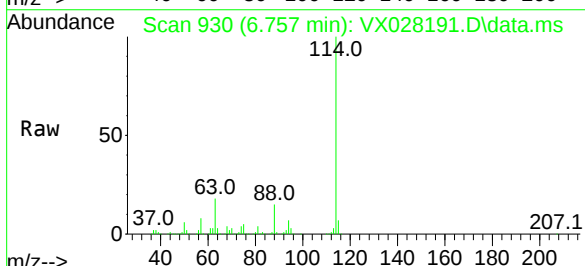
Tgt Ion: 114 Resp: 661671

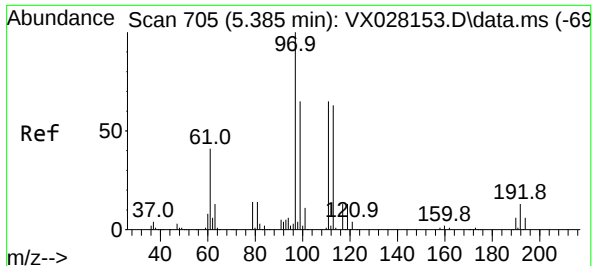
Ion Ratio Lower Upper

114 100

63 18.2 0.0 36.8

88 15.3 0.0 32.4





#35

Dibromofluoromethane

Concen: 46.228 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX028191.D

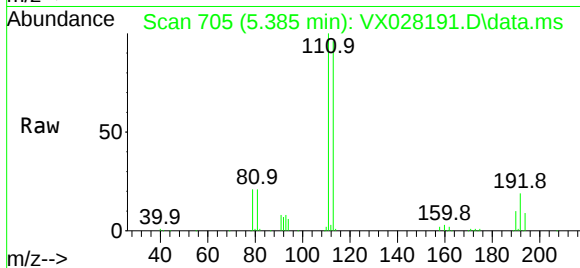
Acq: 20 Apr 2022 12:38

Instrument :

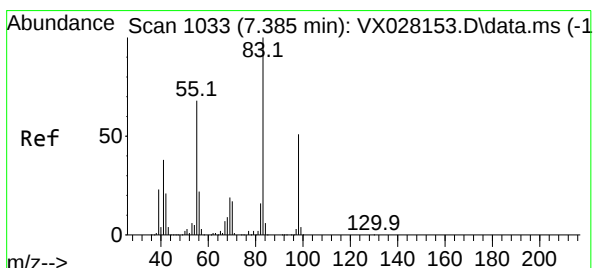
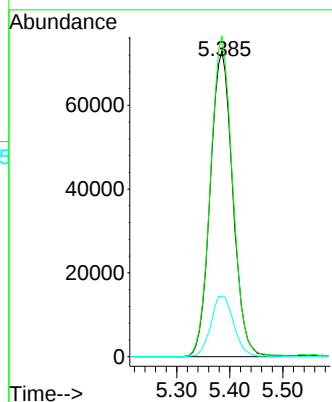
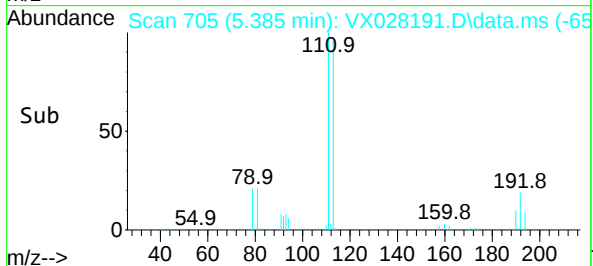
MSVOA_X

ClientSampleId :

WC-15-1-5-GRMEDL



Tgt Ion:	113	Resp:	214509
Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.8	124.2
192	20.3	16.9	25.3



#39

Methylcyclohexane

Concen: 46.645 ug/l

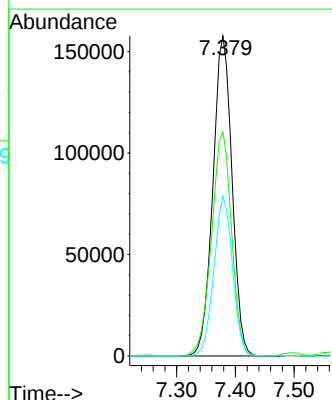
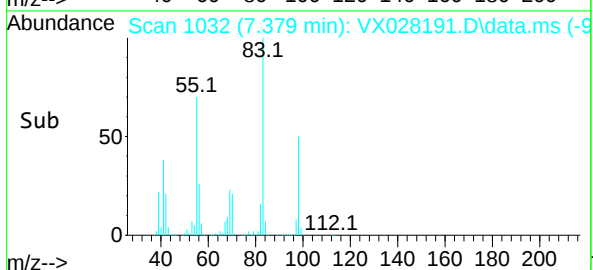
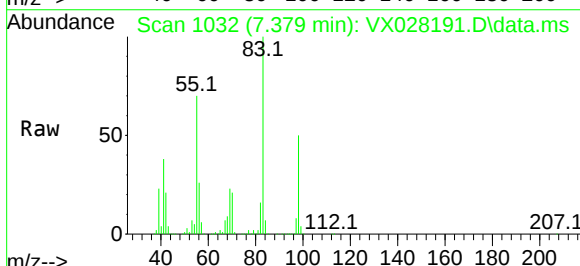
RT: 7.379 min Scan# 1032

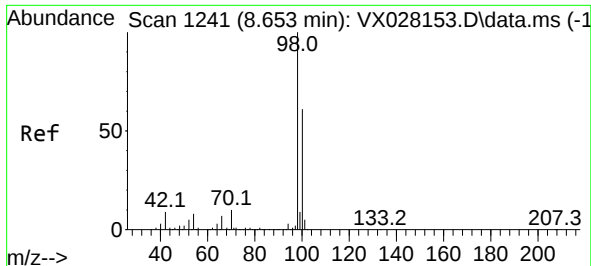
Delta R.T. -0.006 min

Lab File: VX028191.D

Acq: 20 Apr 2022 12:38

Tgt Ion:	83	Resp:	356231
Ion	Ratio	Lower	Upper
83	100		
55	69.8	54.6	81.8
98	49.9	37.4	56.2

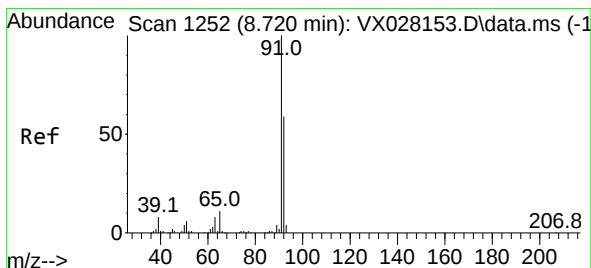
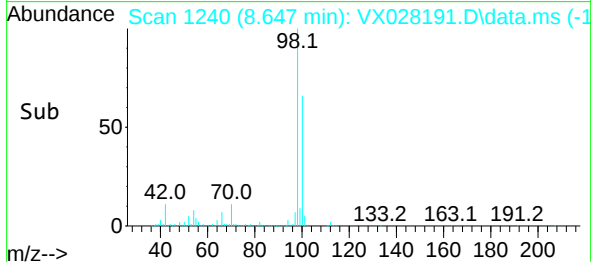
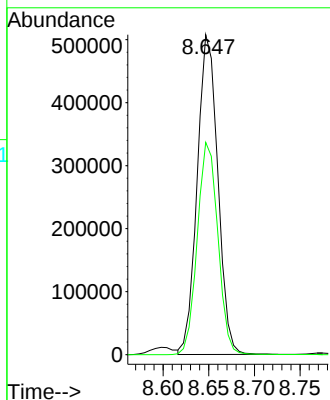
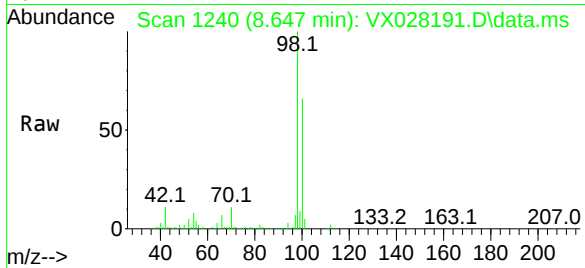




#50
Toluene-d8
Concen: 44.633 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX028191.D
Acq: 20 Apr 2022 12:38

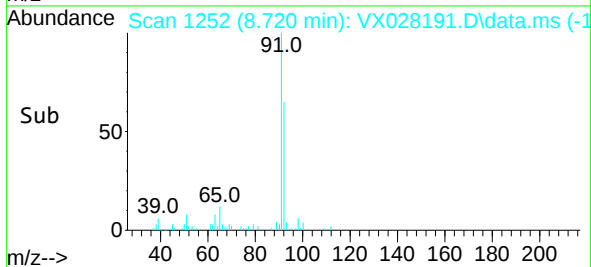
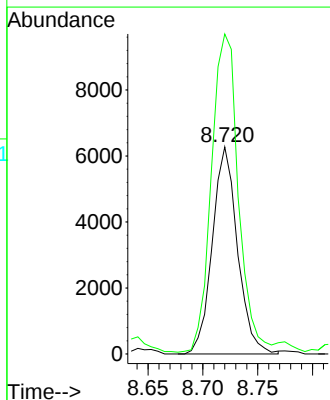
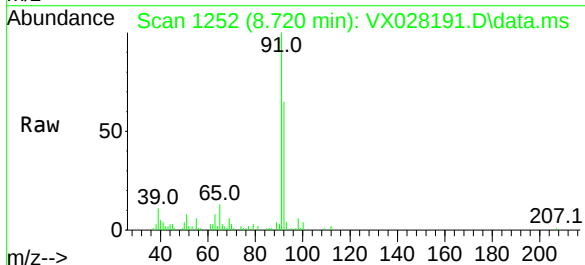
Instrument :
MSVOA_X
ClientSampleId :
WC-15-1-5-GRMEDL

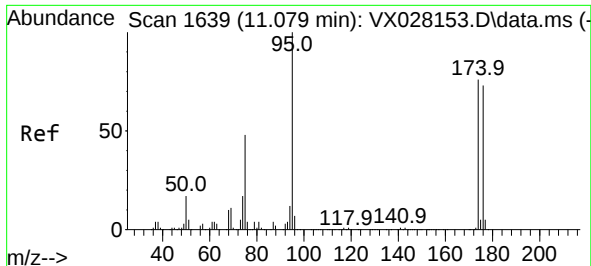
Tgt Ion: 98 Resp: 795464
Ion Ratio Lower Upper
98 100
100 66.4 52.6 78.8



#52
Toluene
Concen: 0.816 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX028191.D
Acq: 20 Apr 2022 12:38

Tgt Ion: 92 Resp: 10046
Ion Ratio Lower Upper
92 100
91 163.8 137.5 206.3

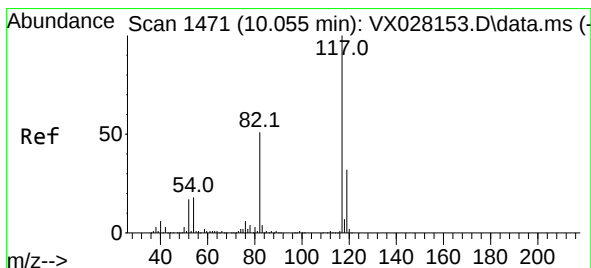
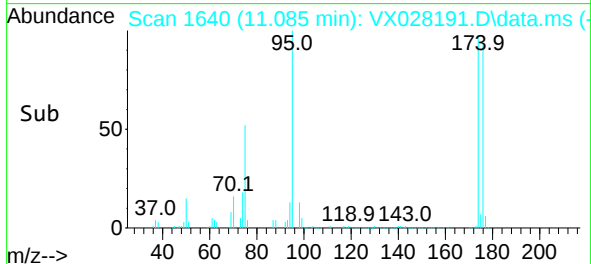
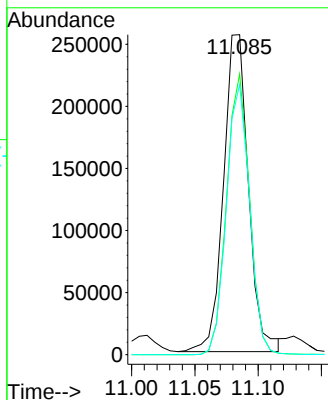
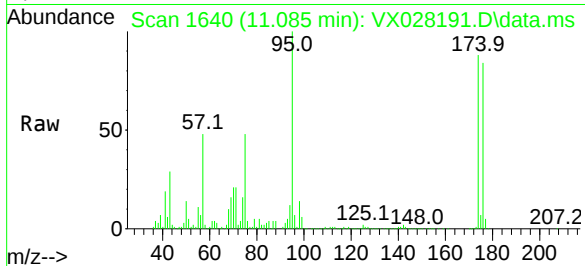




#62
4-Bromofluorobenzene
Concen: 51.495 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX028191.D
Acq: 20 Apr 2022 12:38

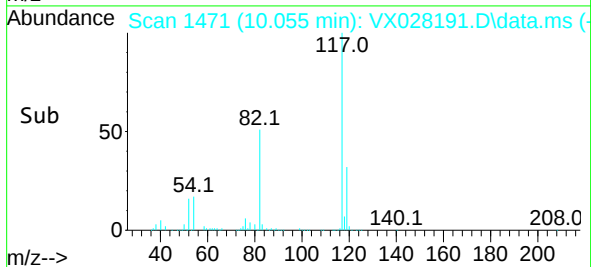
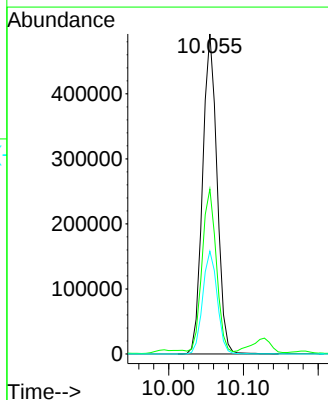
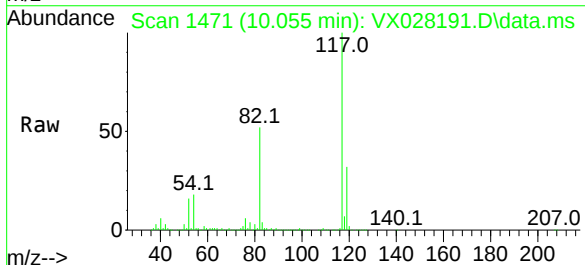
Instrument :
MSVOA_X
ClientSampleId :
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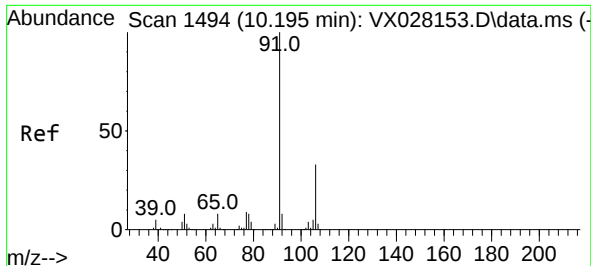
Tgt Ion: 95 Resp: 350911
Ion Ratio Lower Upper
95 100
174 81.7 0.0 163.0
176 79.3 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028191.D
Acq: 20 Apr 2022 12:38

Tgt Ion: 117 Resp: 659951
Ion Ratio Lower Upper
117 100
82 50.9 41.8 62.8
119 32.1 24.8 37.2





#67

Ethyl Benzene

Concen: 2.858 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX028191.D

Acq: 20 Apr 2022 12:38

Instrument :

MSVOA_X

ClientSampleId :

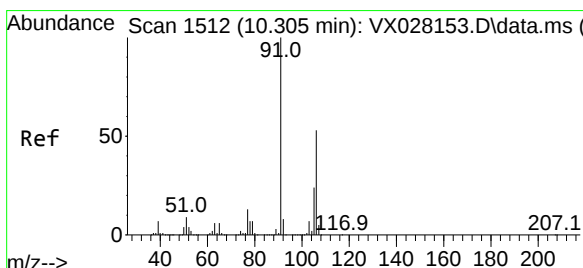
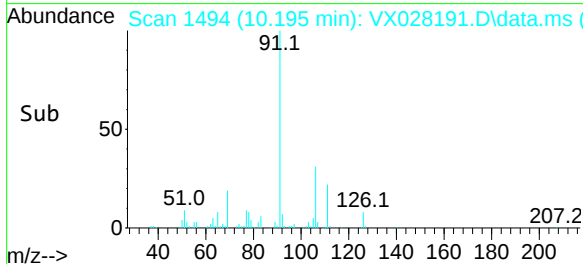
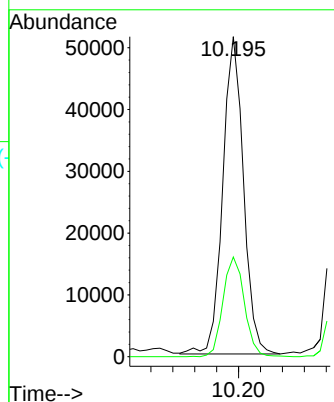
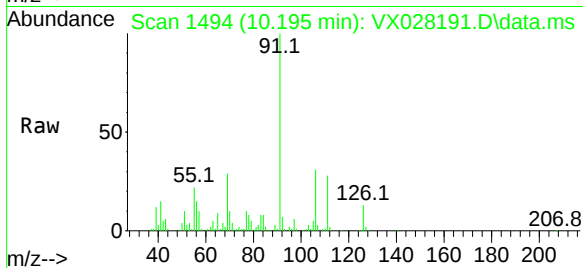
WC-15-1-5-GRMEDL

Tgt Ion: 91 Resp: 67438

Ion Ratio Lower Upper

91 100

106 31.4 24.6 36.8



#68

m/p-Xylenes

Concen: 12.756 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.006 min

Lab File: VX028191.D

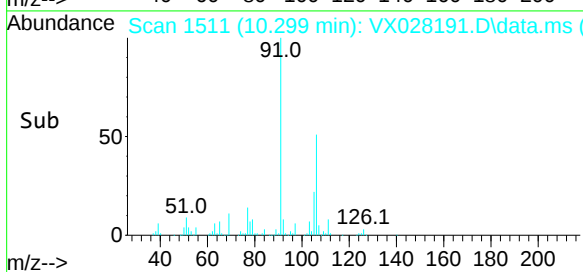
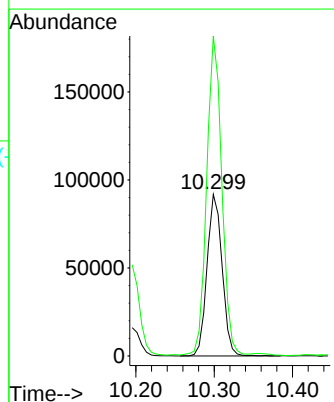
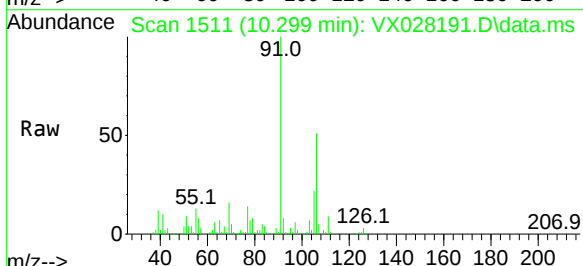
Acq: 20 Apr 2022 12:38

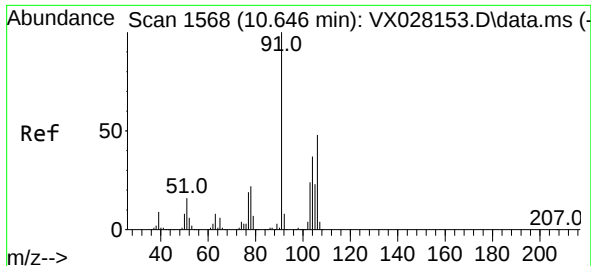
Tgt Ion: 106 Resp: 122489

Ion Ratio Lower Upper

106 100

91 197.4 160.4 240.6

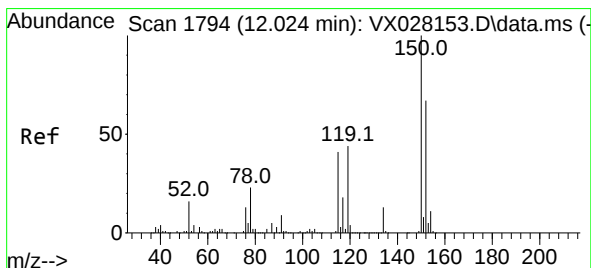
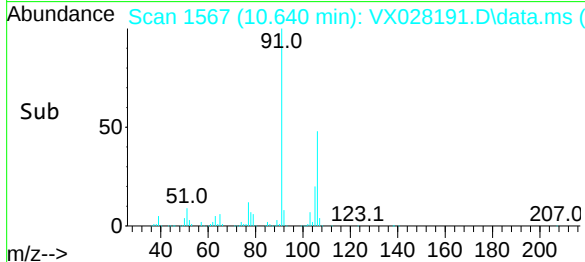
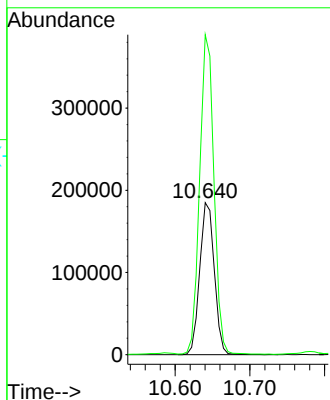
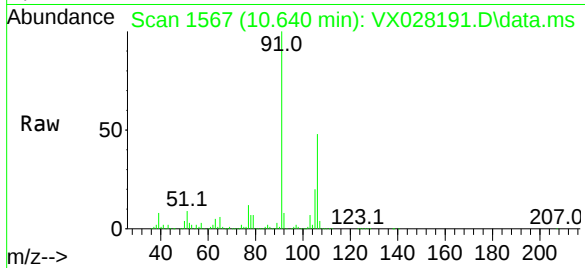




#69
o-Xylene
Concen: 26.173 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX028191.D
Acq: 20 Apr 2022 12:38

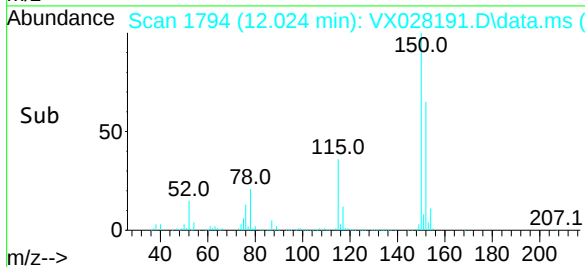
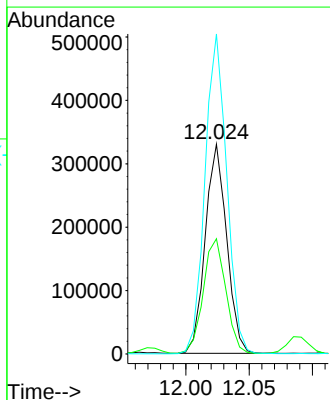
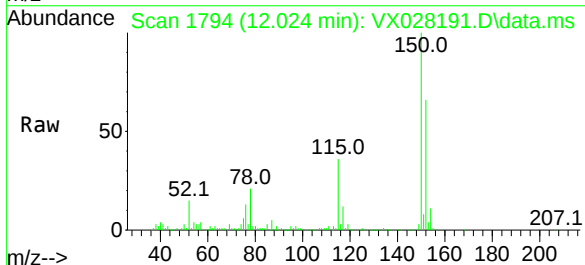
Instrument :
MSVOA_X
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WC-15-1-5-GRMEDL

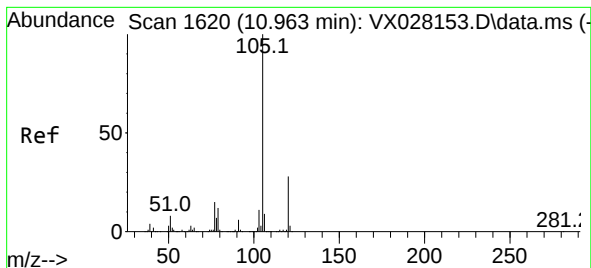
Tgt Ion:106 Resp: 250577
Ion Ratio Lower Upper
106 100
91 205.8 106.1 318.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028191.D
Acq: 20 Apr 2022 12:38

Tgt Ion:152 Resp: 389074
Ion Ratio Lower Upper
152 100
115 58.4 37.5 112.7
150 155.4 0.0 338.2





#73

Isopropylbenzene

Concen: 10.592 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX028191.D

Acq: 20 Apr 2022 12:38

Instrument :

MSVOA_X

ClientSampleId :

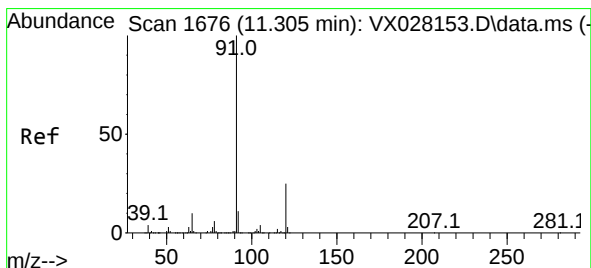
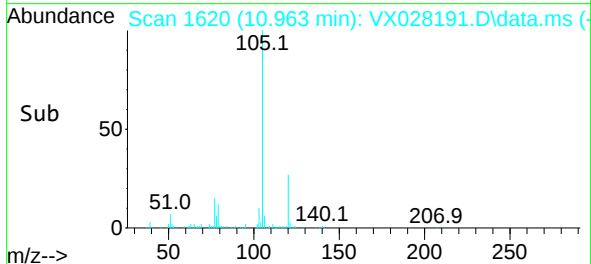
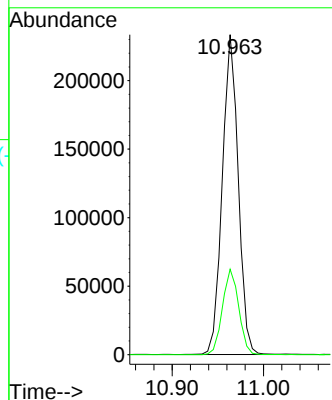
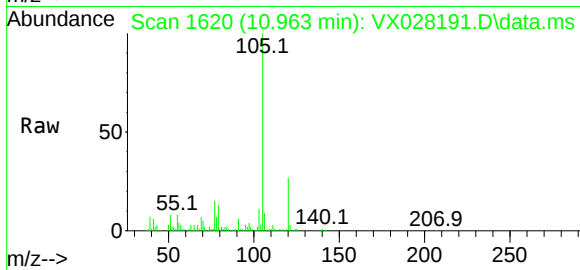
WC-15-1-5-GRMEDL

Tgt Ion:105 Resp: 283246

Ion Ratio Lower Upper

105 100

120 27.3 13.5 40.5



#78

n-propylbenzene

Concen: 9.879 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX028191.D

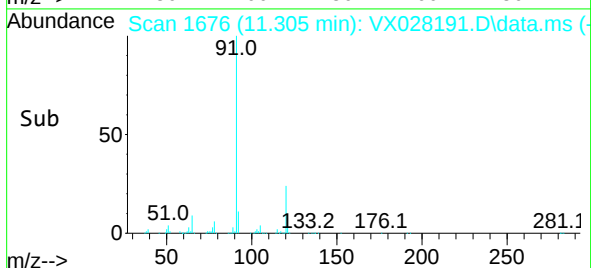
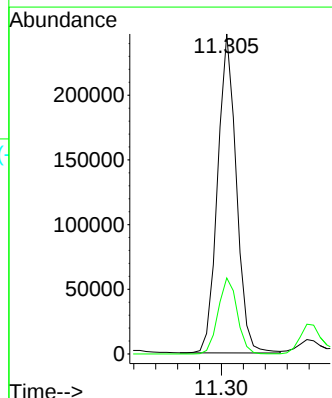
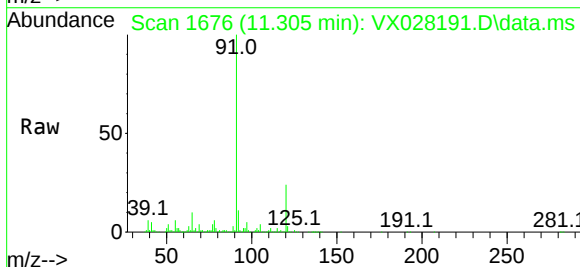
Acq: 20 Apr 2022 12:38

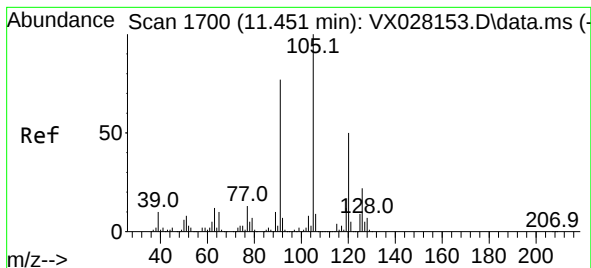
Tgt Ion: 91 Resp: 292934

Ion Ratio Lower Upper

91 100

120 24.2 11.6 34.8





#80

1,3,5-Trimethylbenzene

Concen: 7.678 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX028191.D

Acq: 20 Apr 2022 12:38

Instrument :

MSVOA_X

ClientSampleId :

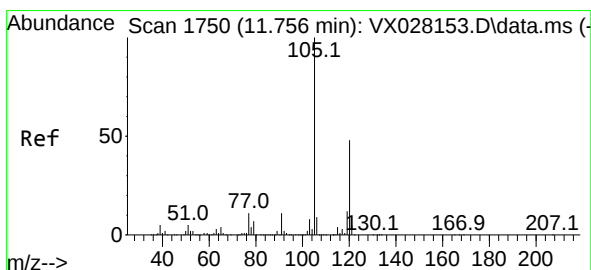
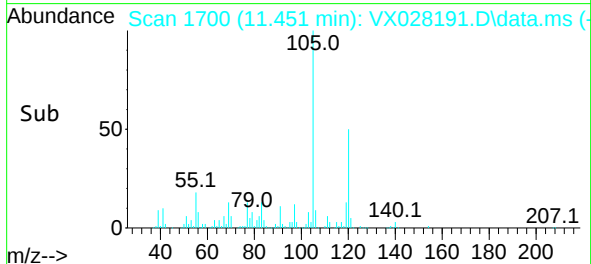
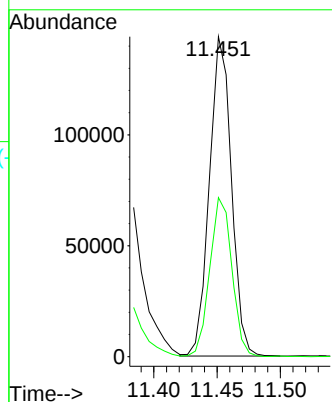
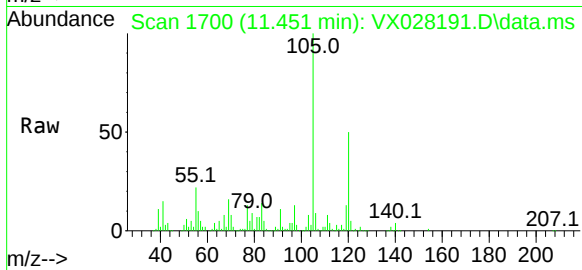
WC-15-1-5-GRMEDL

Tgt Ion:105 Resp: 174290

Ion Ratio Lower Upper

105 100

120 49.9 24.3 72.9



#84

1,2,4-Trimethylbenzene

Concen: 67.574 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. -0.000 min

Lab File: VX028191.D

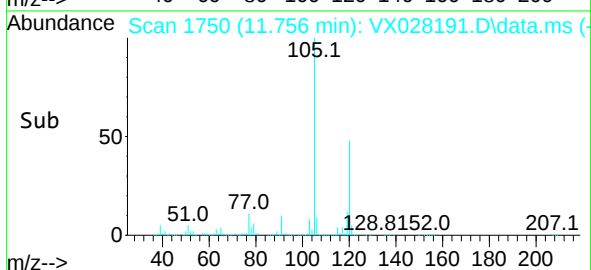
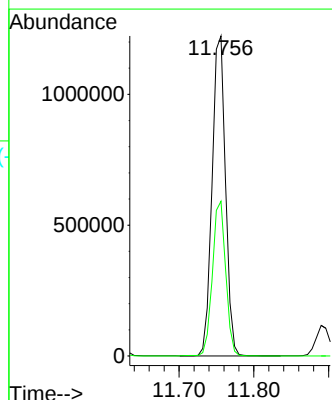
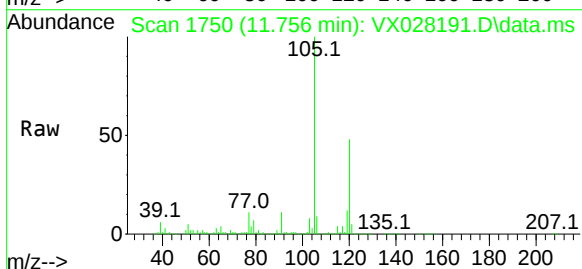
Acq: 20 Apr 2022 12:38

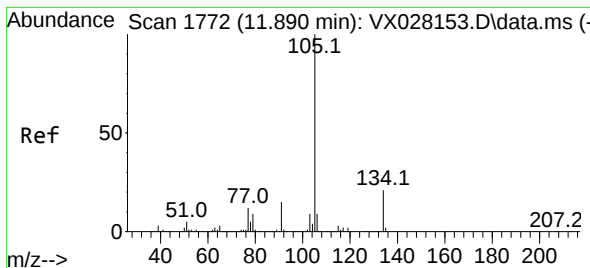
Tgt Ion:105 Resp: 1524834

Ion Ratio Lower Upper

105 100

120 48.0 22.6 67.8





#85

sec-Butylbenzene

Concen: 5.190 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX028191.D

Acq: 20 Apr 2022 12:38

Instrument :

MSVOA_X

ClientSampleId :

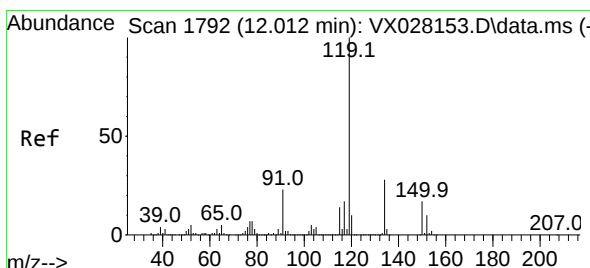
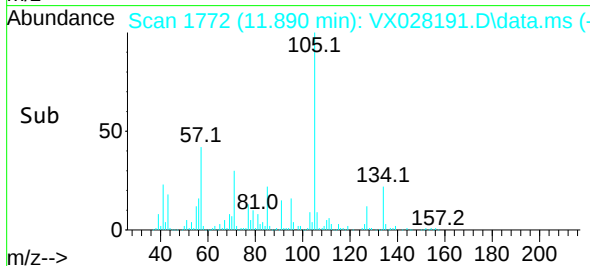
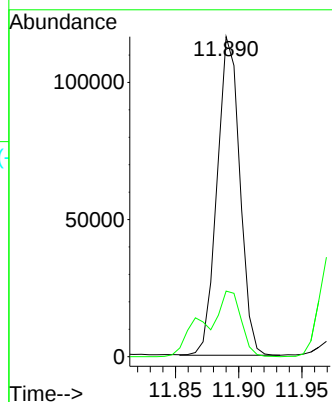
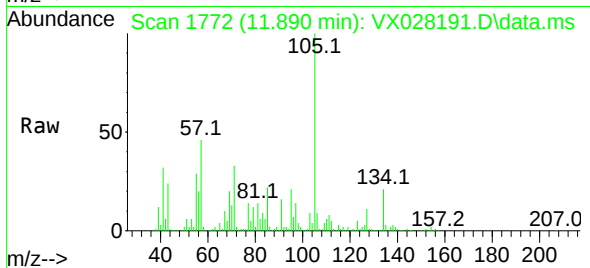
WC-15-1-5-GRMEDL

Tgt Ion:105 Resp: 145144

Ion Ratio Lower Upper

105 100

134 20.1 10.2 30.4



#86

p-Isopropyltoluene

Concen: 3.875 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VX028191.D

Acq: 20 Apr 2022 12:38

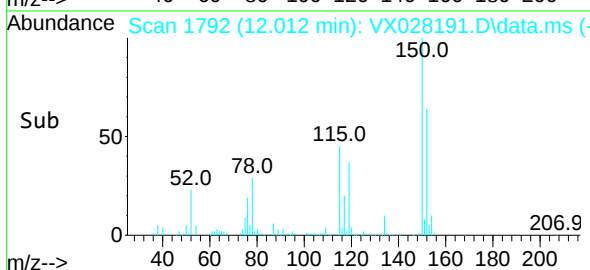
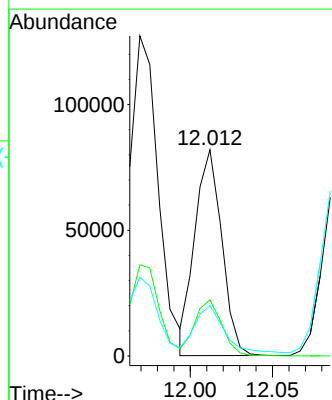
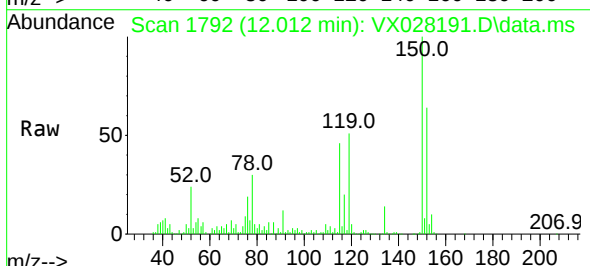
Tgt Ion:119 Resp: 93483

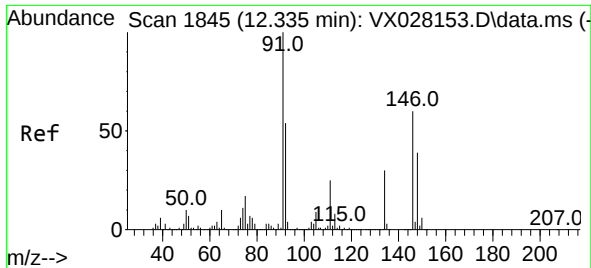
Ion Ratio Lower Upper

119 100

134 27.6 13.0 39.0

91 23.9 11.3 33.9





#89

n-Butylbenzene

Concen: 5.616 ug/l

RT: 12.335 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX028191.D

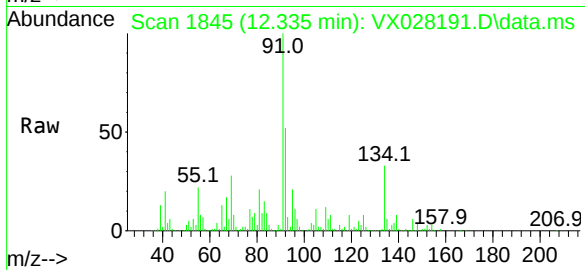
Acq: 20 Apr 2022 12:38

Instrument :

MSVOA_X

ClientSampleId :

WC-15-1-5-GRMEDL



Tgt Ion: 91 Resp: 111257

Ion Ratio Lower Upper

91 100

92 46.7 27.8 83.3

134 52.0 13.3 39.8#

