

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042222\
 Data File : VX028279.D
 Acq On : 22 Apr 2022 15:16
 Operator : JC/MD
 Sample : N2431-01ME
 Misc : 4.34g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-15-1-1ME

Quant Time: Apr 22 15:56:10 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)

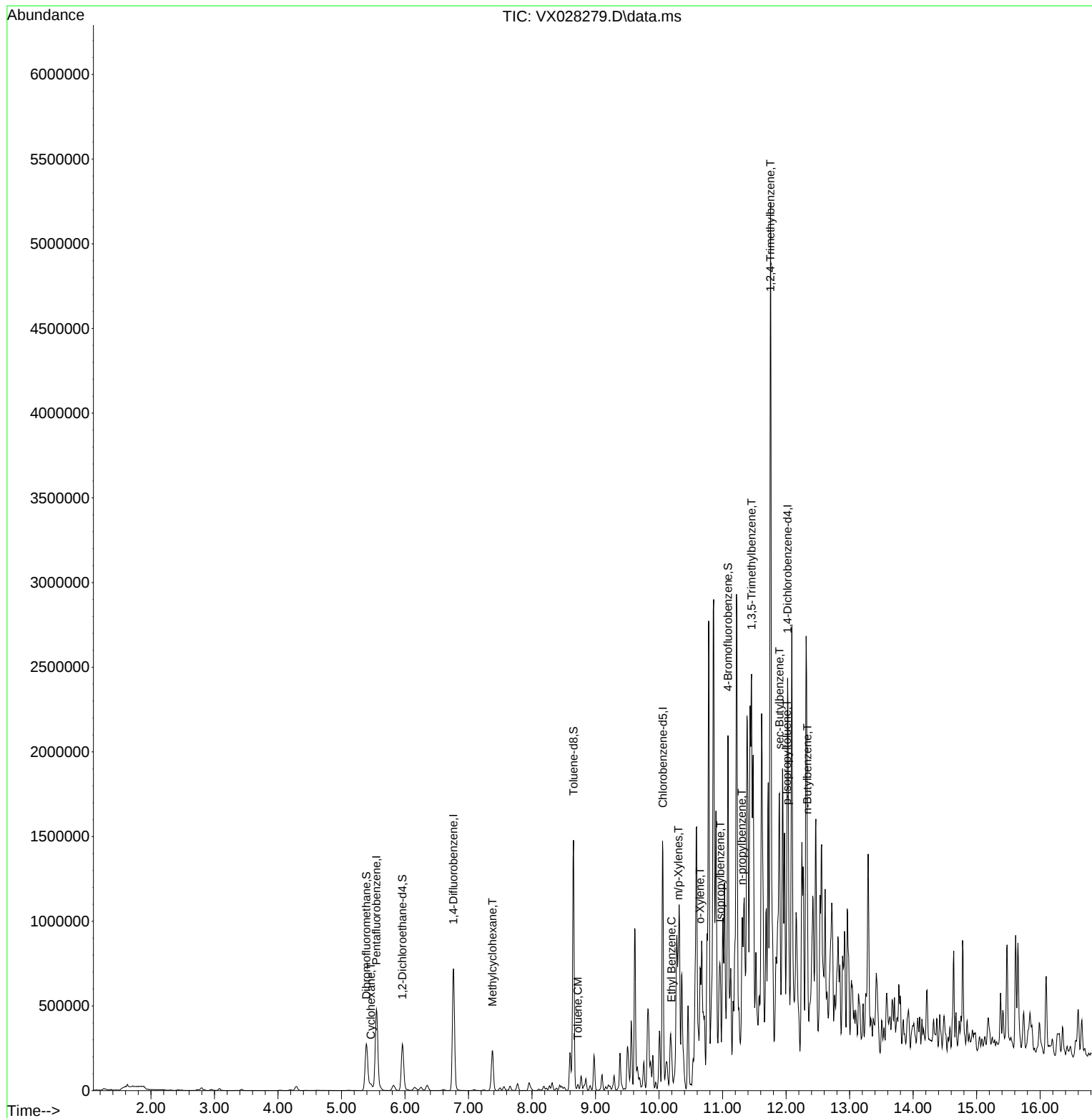
Internal Standards						
1) Pentafluorobenzene	5.549	168	491496	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	804285	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	720387	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	400061	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	268904	41.960	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	83.920%
35) Dibromofluoromethane	5.391	113	245878	43.592	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	87.180%
50) Toluene-d8	8.652	98	917424	42.349	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	84.700%
62) 4-Bromofluorobenzene	11.085	95	359281	43.374	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	86.740%
Target Compounds						
					Qvalue	
31) Cyclohexane	5.464	56	24375	3.122	ug/l	96
39) Methylcyclohexane	7.378	83	115300	12.420	ug/l	97
52) Toluene	8.720	92	12634	0.844	ug/l	99
67) Ethyl Benzene	10.195	91	54313	2.109	ug/l	97
68) m/p-Xylenes	10.305	106	78876	7.525	ug/l	99
69) o-Xylene	10.646	106	104340	9.984	ug/l	98
73) Isopropylbenzene	10.963	105	172459	6.272	ug/l	100
78) n-propylbenzene	11.304	91	330561	10.841	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	808176	34.624	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	1876732	80.885	ug/l	95
85) sec-Butylbenzene	11.896	105	266465	9.267	ug/l	98
86) p-Isopropyltoluene	12.012	119	288726	11.639	ug/l	98
89) n-Butylbenzene	12.335	91	244076	11.982	ug/l #	28

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

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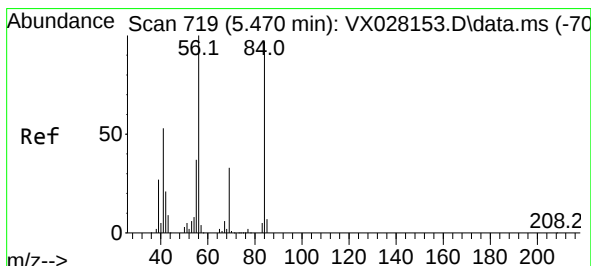
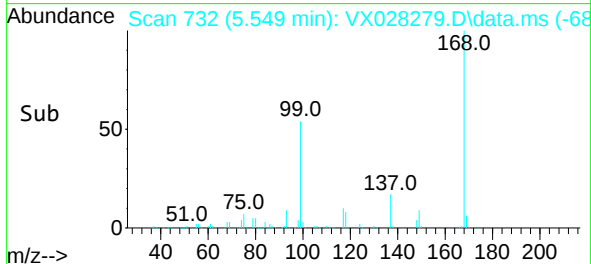
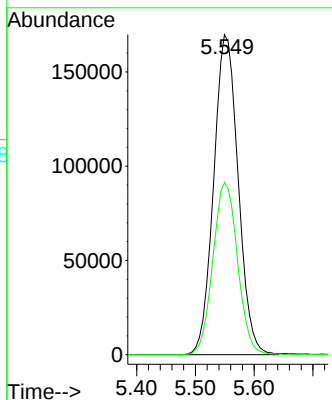
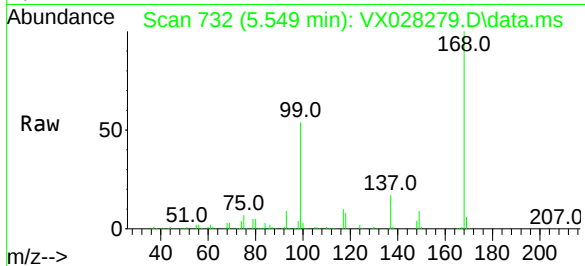




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 718
Delta R.T. -0.007 min
Lab File: VX028279.D
Acq: 22 Apr 2022 15:16

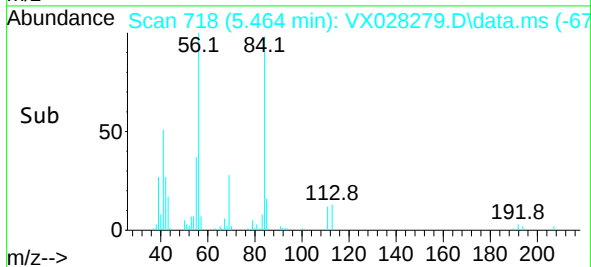
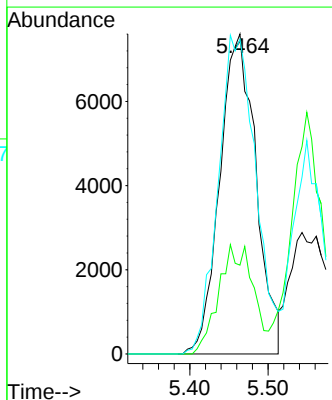
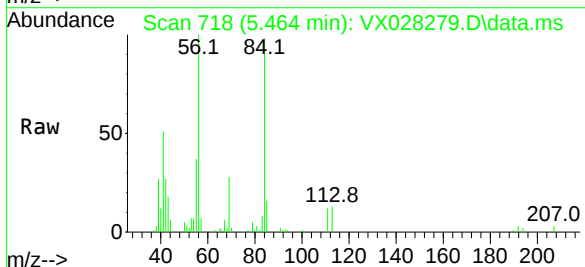
Instrument :
MSVOA_X
ClientSampleId :
WC-15-1-1ME

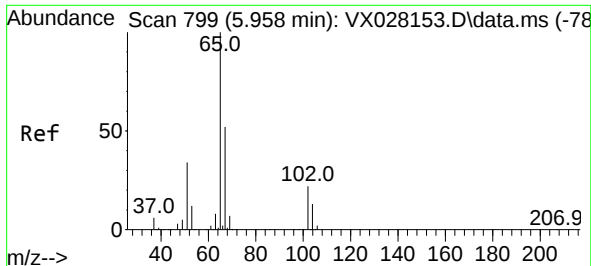
Tgt Ion:168 Resp: 491496
Ion Ratio Lower Upper
168 100
99 53.8 41.7 62.5



#31
Cyclohexane
Concen: 3.122 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX028279.D
Acq: 22 Apr 2022 15:16

Tgt Ion: 56 Resp: 24375
Ion Ratio Lower Upper
56 100
69 27.7 26.7 40.1
84 98.3 77.2 115.8





#33

1,2-Dichloroethane-d4

Concen: 41.960 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX028279.D

Acq: 22 Apr 2022 15:16

Instrument :

MSVOA_X

ClientSampleId :

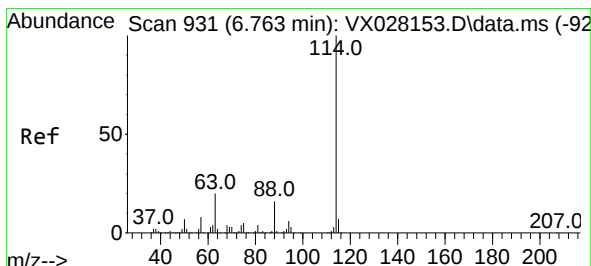
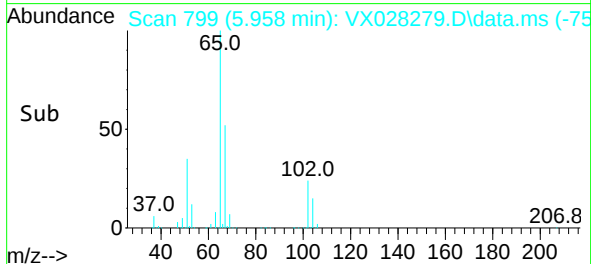
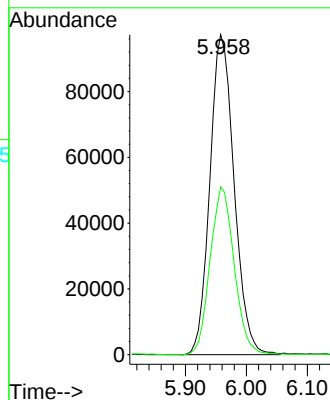
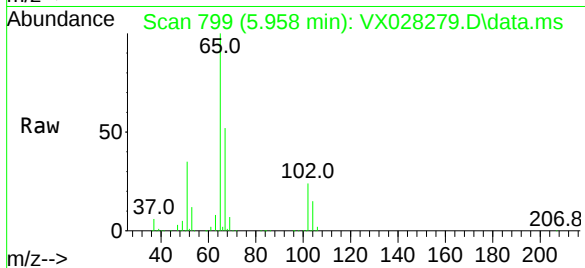
WC-15-1-1ME

Tgt Ion: 65 Resp: 268904

Ion Ratio Lower Upper

65 100

67 52.2 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: VX028279.D

Acq: 22 Apr 2022 15:16

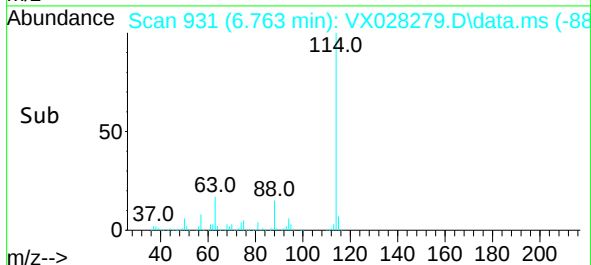
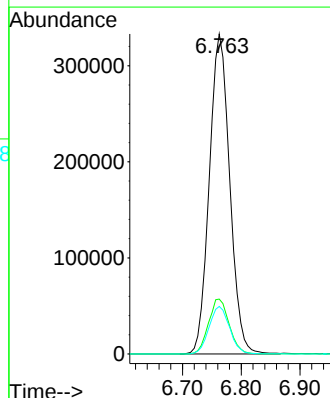
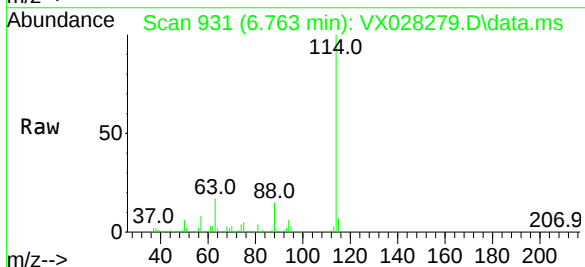
Tgt Ion: 114 Resp: 804285

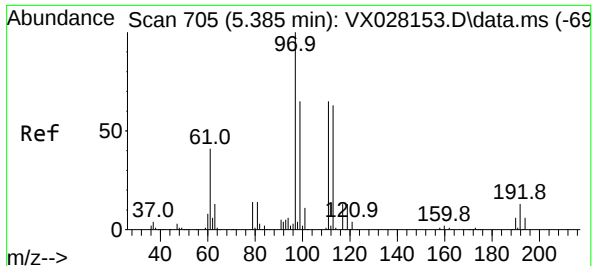
Ion Ratio Lower Upper

114 100

63 17.2 0.0 36.8

88 14.8 0.0 32.4





#35

Dibromofluoromethane

Concen: 43.592 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX028279.D

Acq: 22 Apr 2022 15:16

Instrument :

MSVOA_X

ClientSampleId :

WC-15-1-1ME

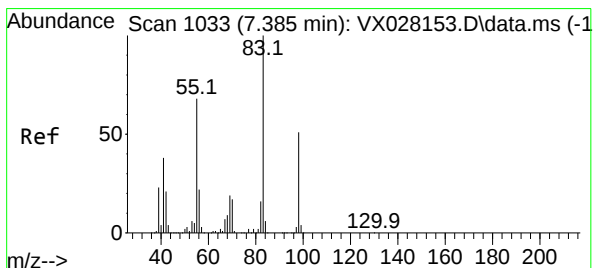
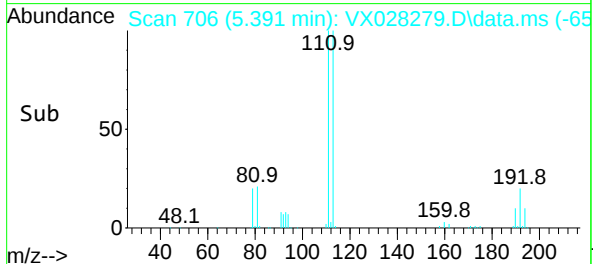
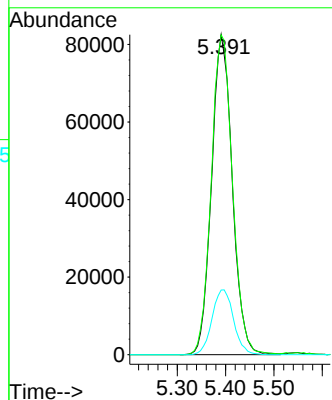
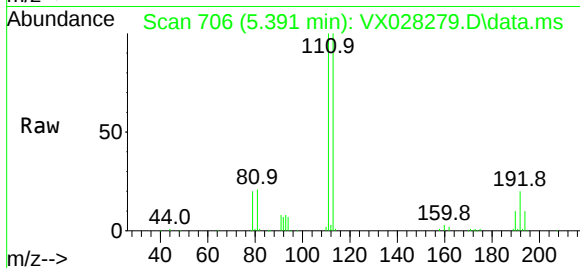
Tgt Ion:113 Resp: 245878

Ion Ratio Lower Upper

113 100

111 102.2 82.8 124.2

192 21.0 16.9 25.3



#39

Methylcyclohexane

Concen: 12.420 ug/l

RT: 7.378 min Scan# 1032

Delta R.T. -0.007 min

Lab File: VX028279.D

Acq: 22 Apr 2022 15:16

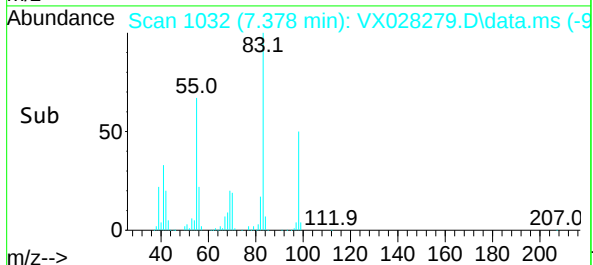
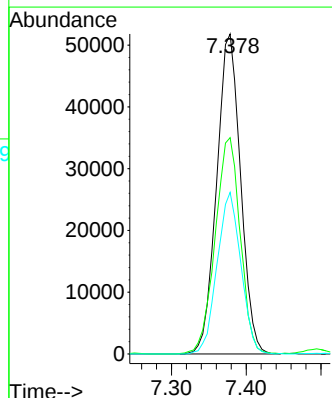
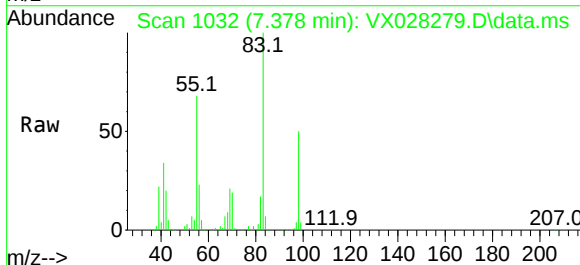
Tgt Ion: 83 Resp: 115300

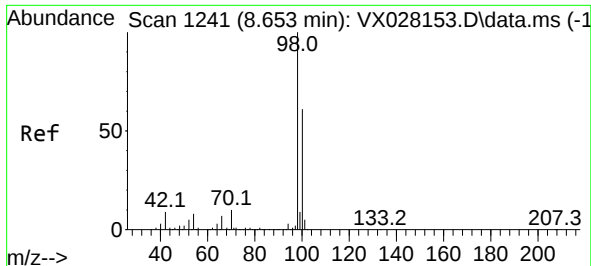
Ion Ratio Lower Upper

83 100

55 67.5 54.6 81.8

98 50.5 37.4 56.2

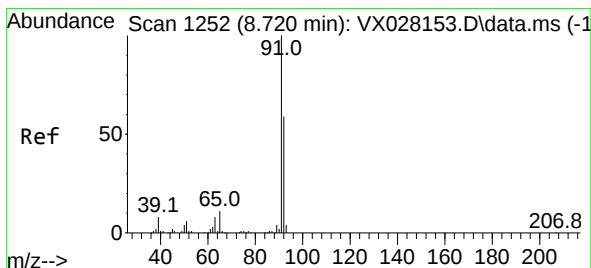
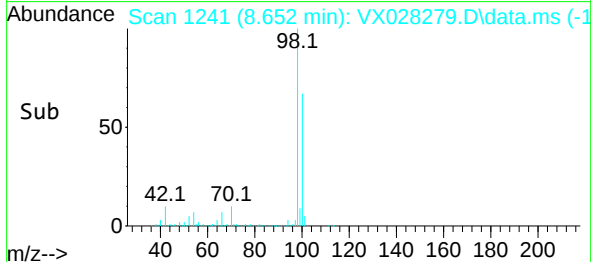
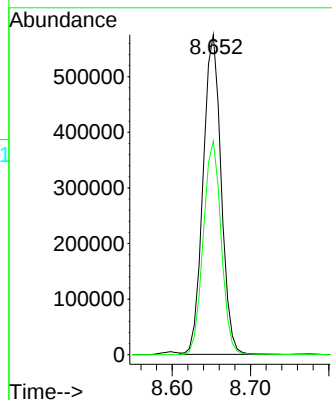
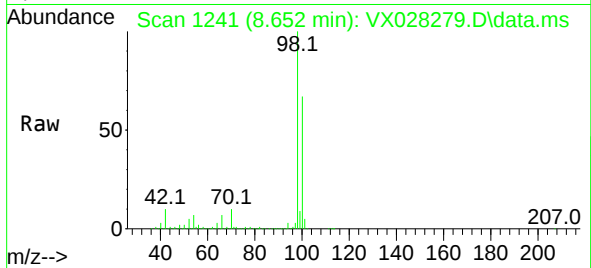




#50
Toluene-d8
Concen: 42.349 ug/l
RT: 8.652 min Scan# 11
Delta R.T. -0.001 min
Lab File: VX028279.D
Acq: 22 Apr 2022 15:16

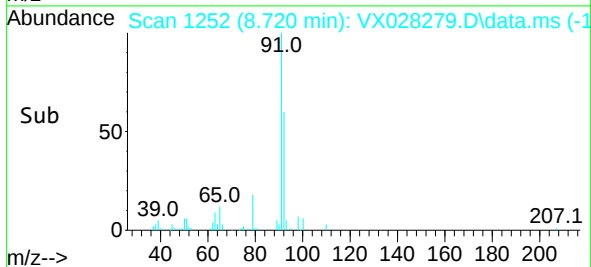
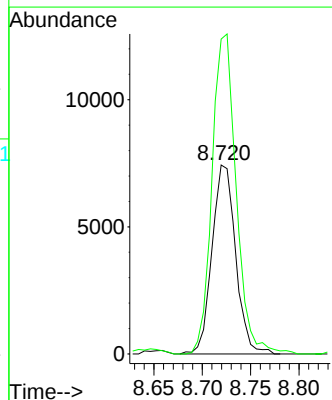
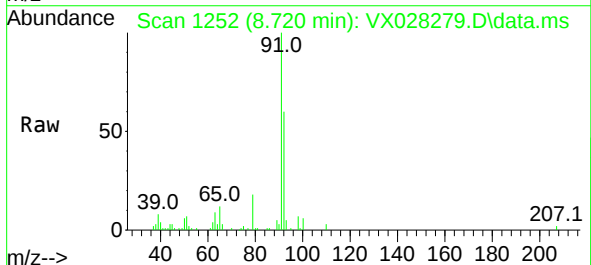
Instrument :
MSVOA_X
ClientSampleId :
WC-15-1-1ME

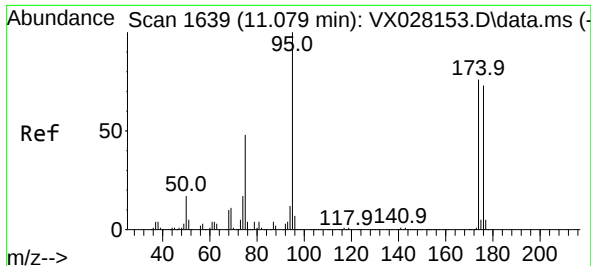
Tgt Ion: 98 Resp: 917424
Ion Ratio Lower Upper
98 100
100 66.4 52.6 78.8



#52
Toluene
Concen: 0.844 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX028279.D
Acq: 22 Apr 2022 15:16

Tgt Ion: 92 Resp: 12634
Ion Ratio Lower Upper
92 100
91 173.0 137.5 206.3

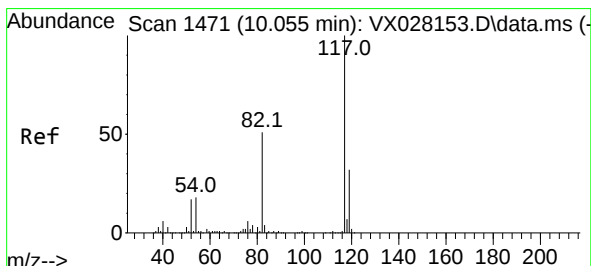
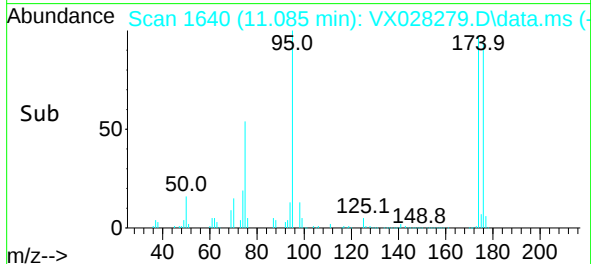
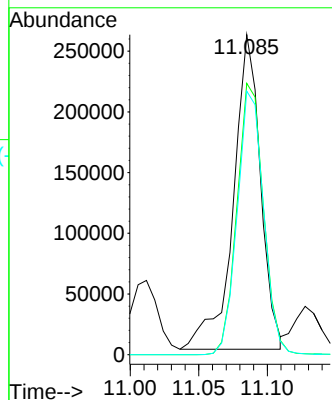
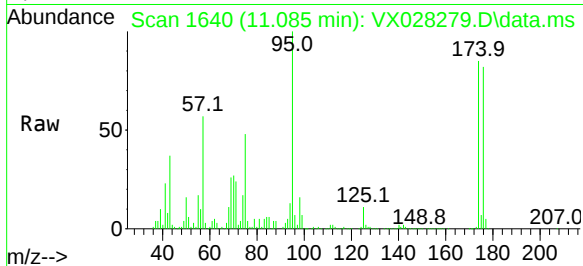




#62
4-Bromofluorobenzene
Concen: 43.374 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX028279.D
Acq: 22 Apr 2022 15:16

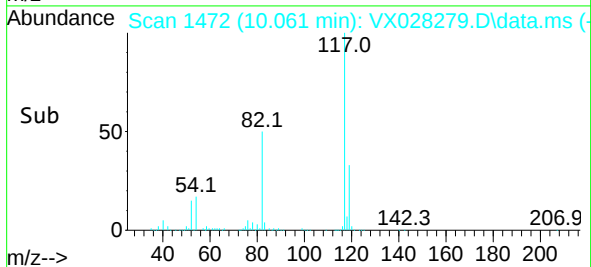
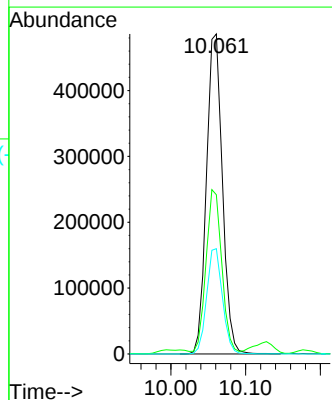
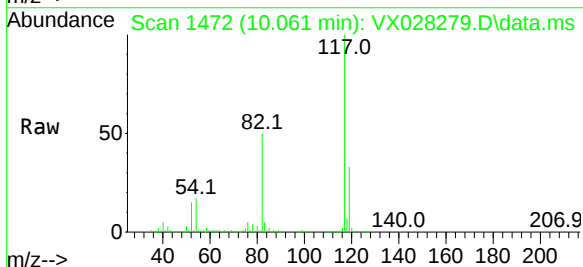
Instrument :
MSVOA_X
ClientSampleId :
WC-15-1-1ME

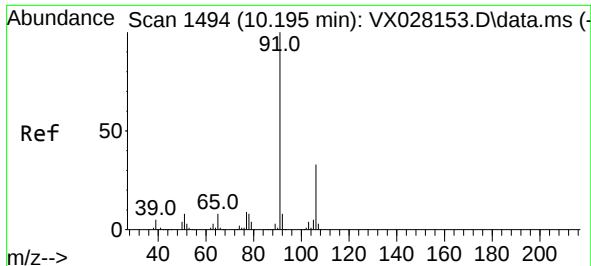
Tgt Ion: 95 Resp: 359281
Ion Ratio Lower Upper
95 100
174 83.6 0.0 163.0
176 80.9 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX028279.D
Acq: 22 Apr 2022 15:16

Tgt Ion: 117 Resp: 720387
Ion Ratio Lower Upper
117 100
82 49.1 41.8 62.8
119 32.9 24.8 37.2





#67

Ethyl Benzene

Concen: 2.109 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX028279.D

Acq: 22 Apr 2022 15:16

Instrument :

MSVOA_X

ClientSampleId :

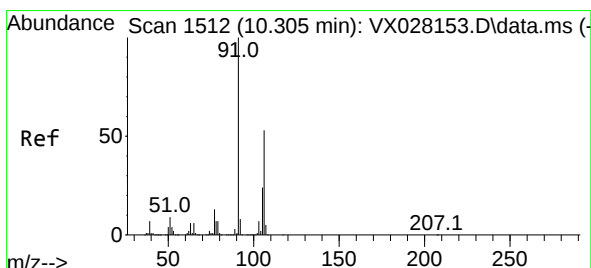
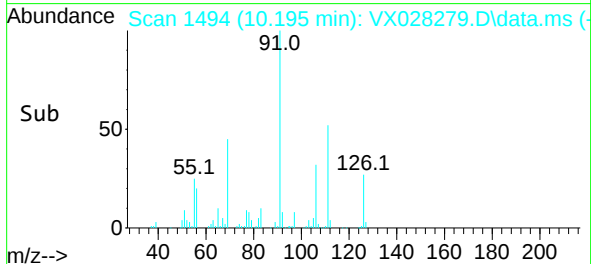
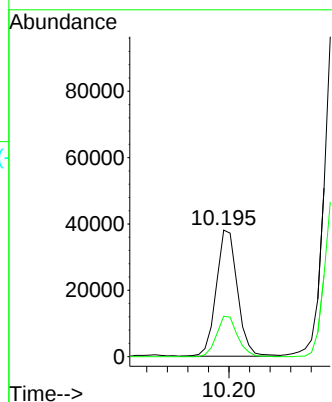
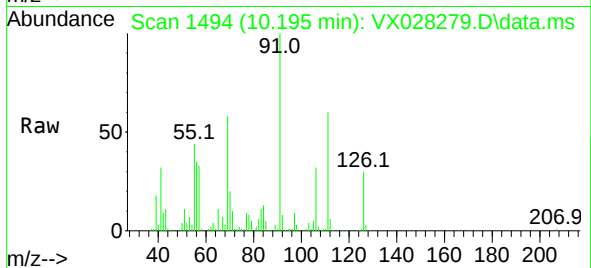
WC-15-1-1ME

Tgt Ion: 91 Resp: 54313

Ion Ratio Lower Upper

91 100

106 32.1 24.6 36.8



#68

m/p-Xylenes

Concen: 7.525 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. -0.000 min

Lab File: VX028279.D

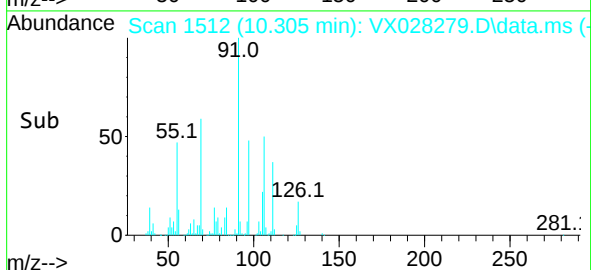
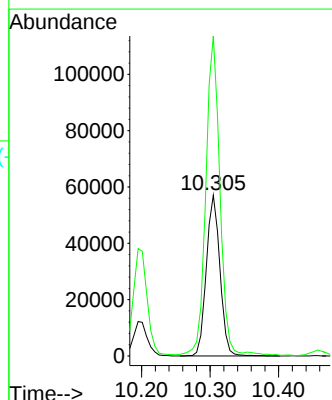
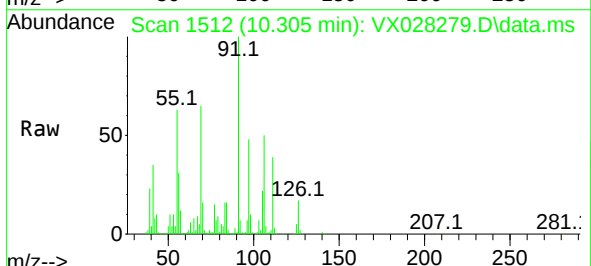
Acq: 22 Apr 2022 15:16

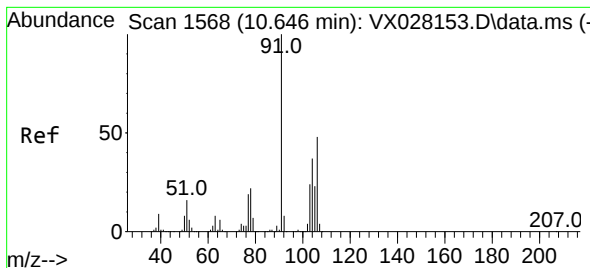
Tgt Ion: 106 Resp: 78876

Ion Ratio Lower Upper

106 100

91 201.9 160.4 240.6





#69

o-Xylene

Concen: 9.984 ug/l

RT: 10.646 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX028279.D

Acq: 22 Apr 2022 15:16

Instrument :

MSVOA_X

ClientSampleId :

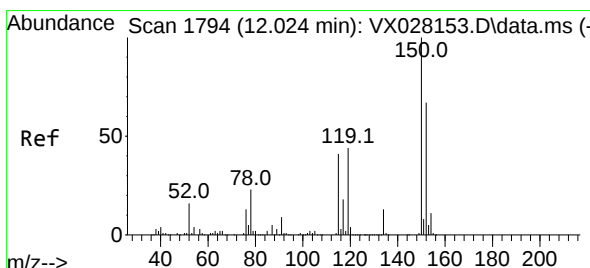
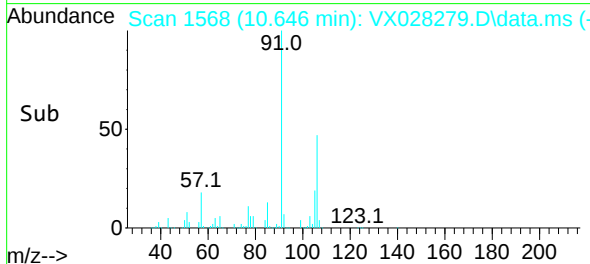
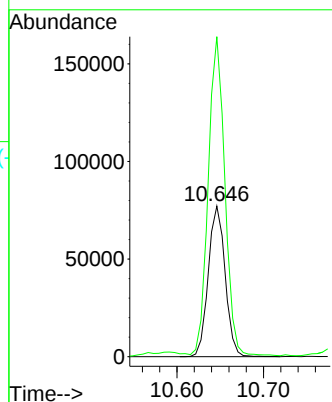
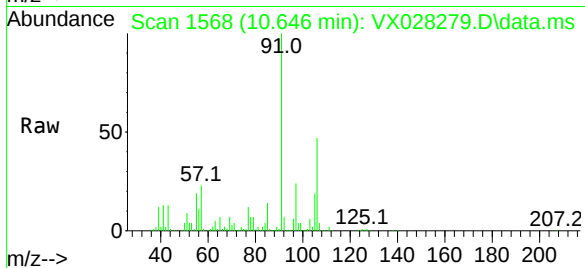
WC-15-1-1ME

Tgt Ion:106 Resp: 104340

Ion Ratio Lower Upper

106 100

91 208.7 106.1 318.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX028279.D

Acq: 22 Apr 2022 15:16

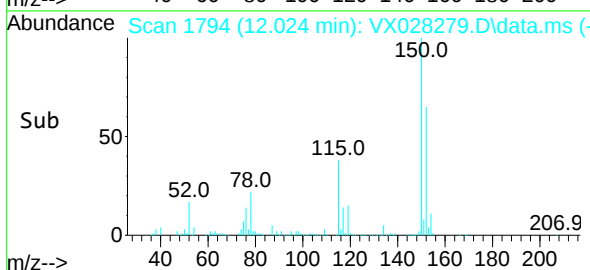
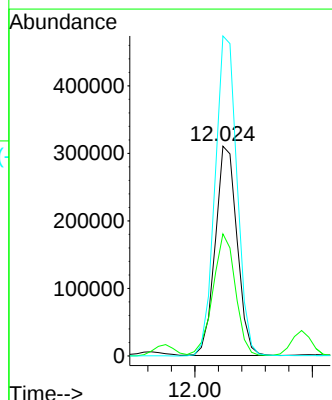
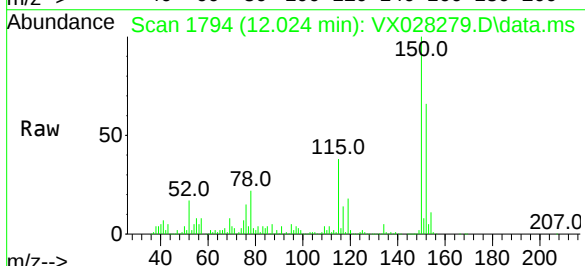
Tgt Ion:152 Resp: 400061

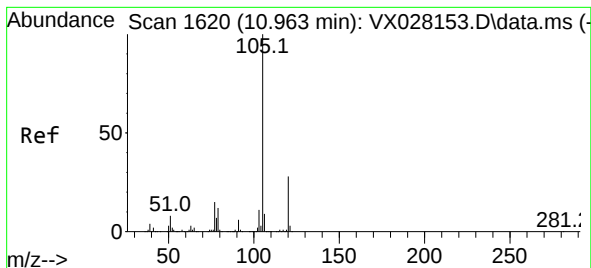
Ion Ratio Lower Upper

152 100

115 60.0 37.5 112.7

150 154.1 0.0 338.2





#73

Isopropylbenzene

Concen: 6.272 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX028279.D

Acq: 22 Apr 2022 15:16

Instrument :

MSVOA_X

ClientSampleId :

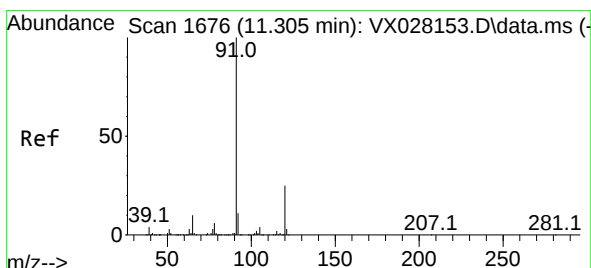
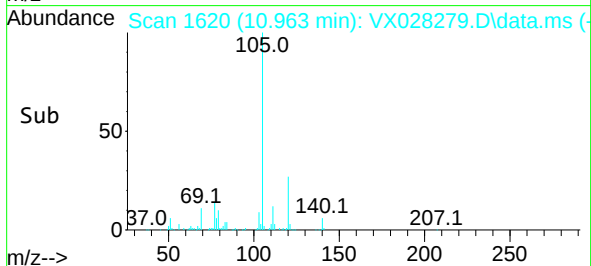
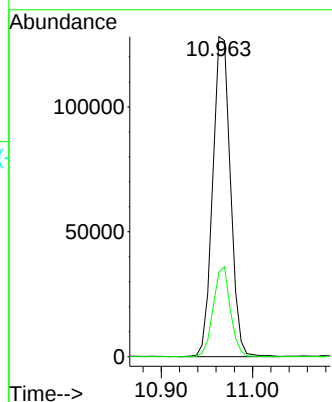
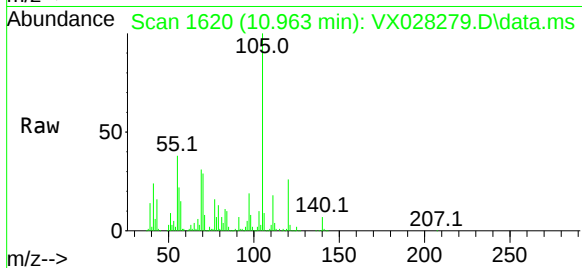
WC-15-1-1ME

Tgt Ion:105 Resp: 172459

Ion Ratio Lower Upper

105 100

120 27.2 13.5 40.5



#78

n-propylbenzene

Concen: 10.841 ug/l

RT: 11.304 min Scan# 1676

Delta R.T. -0.001 min

Lab File: VX028279.D

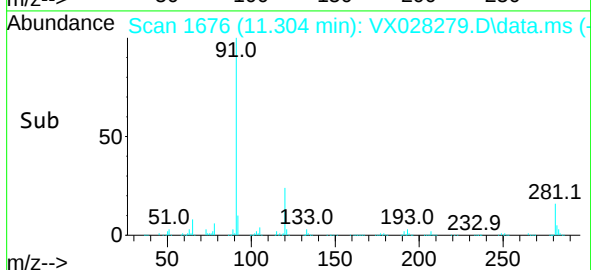
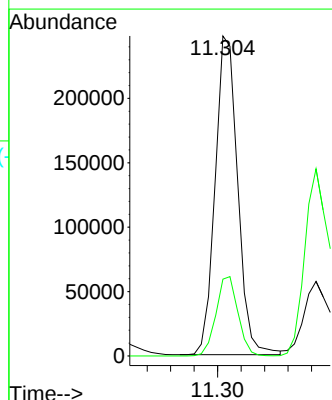
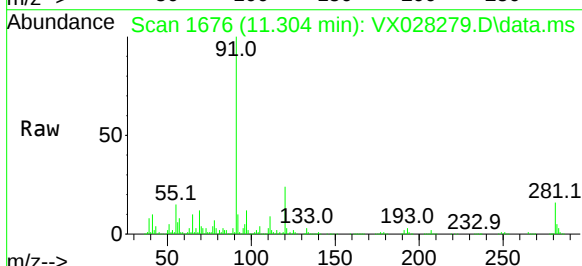
Acq: 22 Apr 2022 15:16

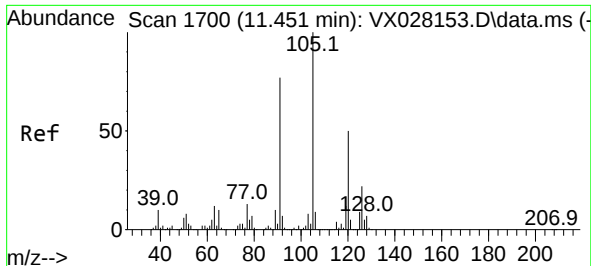
Tgt Ion: 91 Resp: 330561

Ion Ratio Lower Upper

91 100

120 24.2 11.6 34.8

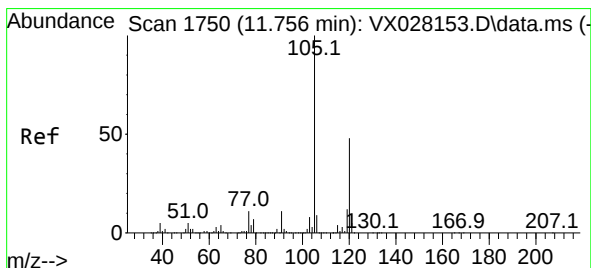
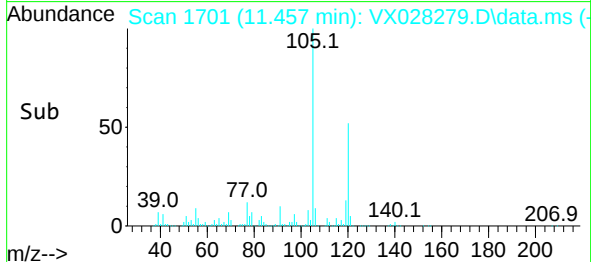
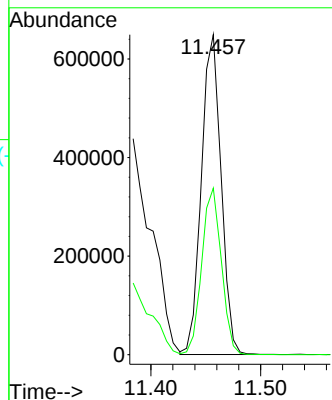
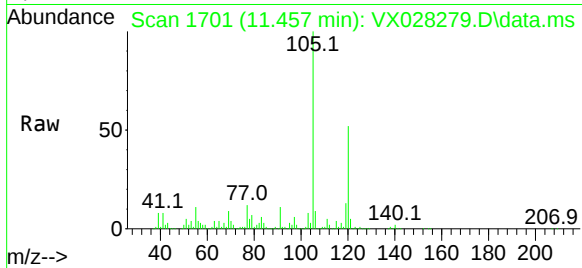




#80
 1,3,5-Trimethylbenzene
 Concen: 34.624 ug/l
 RT: 11.457 min Scan# 1701
 Delta R.T. 0.006 min
 Lab File: VX028279.D
 Acq: 22 Apr 2022 15:16

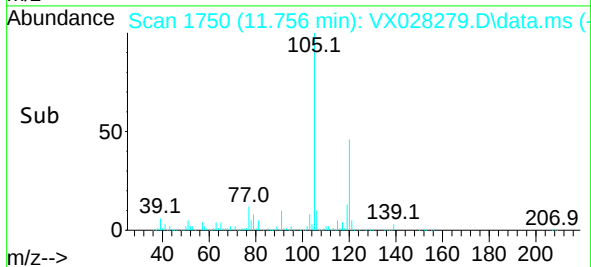
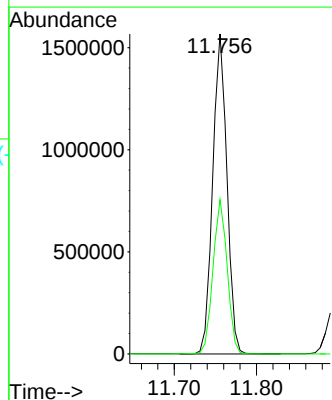
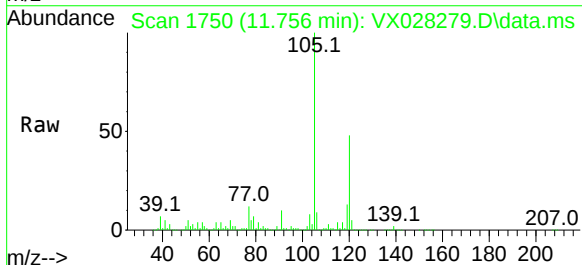
Instrument :
 MSVOA_X
 ClientSampleId :
 WC-15-1-1ME

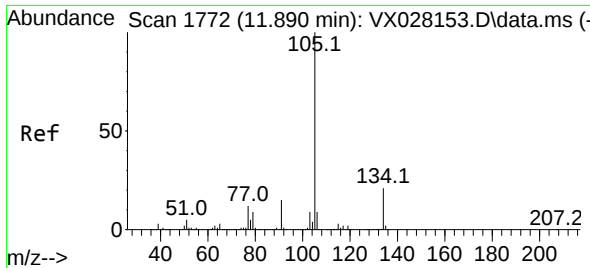
Tgt Ion:105 Resp: 808176
 Ion Ratio Lower Upper
 105 100
 120 51.9 24.3 72.9



#84
 1,2,4-Trimethylbenzene
 Concen: 80.885 ug/l
 RT: 11.756 min Scan# 1750
 Delta R.T. -0.000 min
 Lab File: VX028279.D
 Acq: 22 Apr 2022 15:16

Tgt Ion:105 Resp: 1876732
 Ion Ratio Lower Upper
 105 100
 120 48.4 22.6 67.8

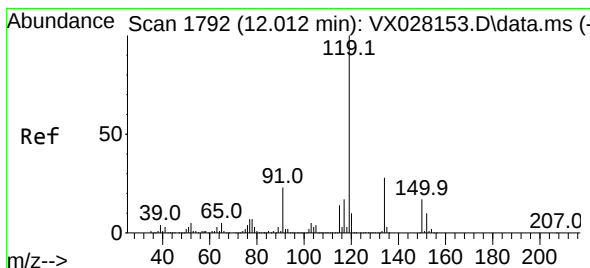
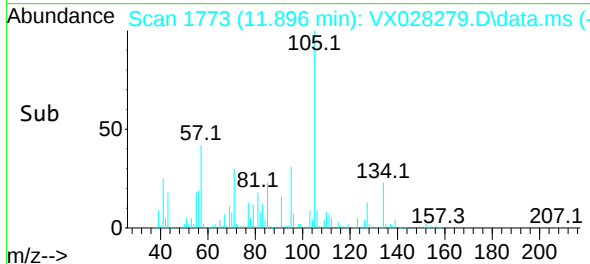
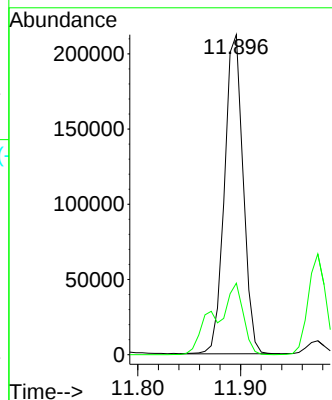
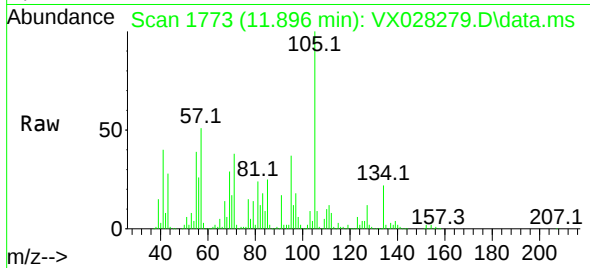




#85
 sec-Butylbenzene
 Concen: 9.267 ug/l
 RT: 11.896 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX028279.D
 Acq: 22 Apr 2022 15:16

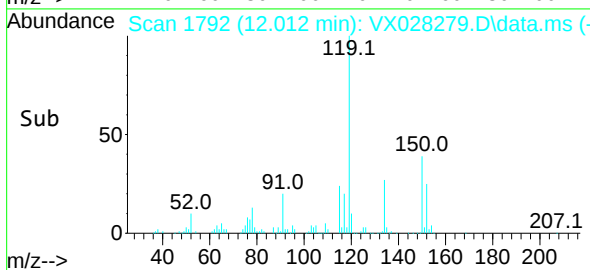
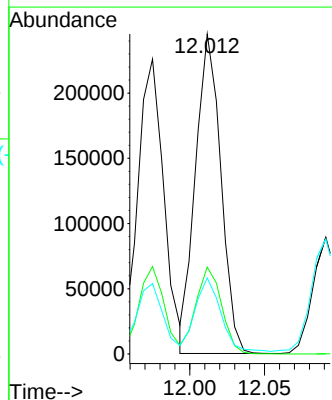
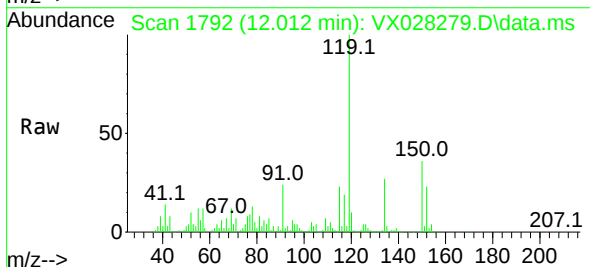
Instrument :
 MSVOA_X
 ClientSampleId :
 WC-15-1-1ME

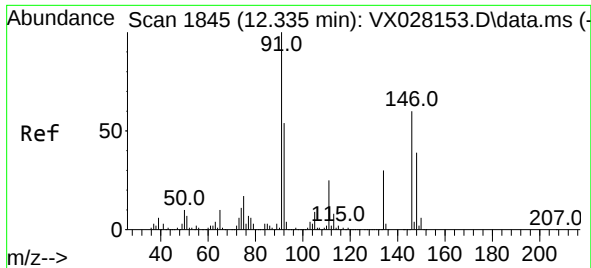
Tgt Ion:105 Resp: 266465
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 11.639 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX028279.D
 Acq: 22 Apr 2022 15:16

Tgt Ion:119 Resp: 288726
 Ion Ratio Lower Upper
 119 100
 134 27.6 13.0 39.0
 91 22.8 11.3 33.9





#89

n-Butylbenzene

Concen: 11.982 ug/l

RT: 12.335 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX028279.D

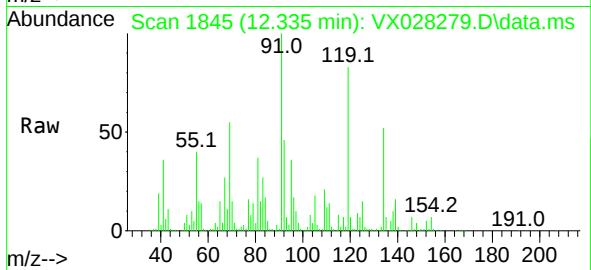
Acq: 22 Apr 2022 15:16

Instrument :

MSVOA_X

ClientSampleId :

WC-15-1-1ME



Tgt Ion: 91 Resp: 244076

Ion Ratio Lower Upper

91 100

92 33.3 27.8 83.3

134 108.0 13.3 39.8#

