

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041922\
 Data File : VX028164.D
 Acq On : 19 Apr 2022 16:56
 Operator : JC/MD
 Sample : N2431-03ME
 Misc : 5.16g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Apr 19 17:22:51 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)

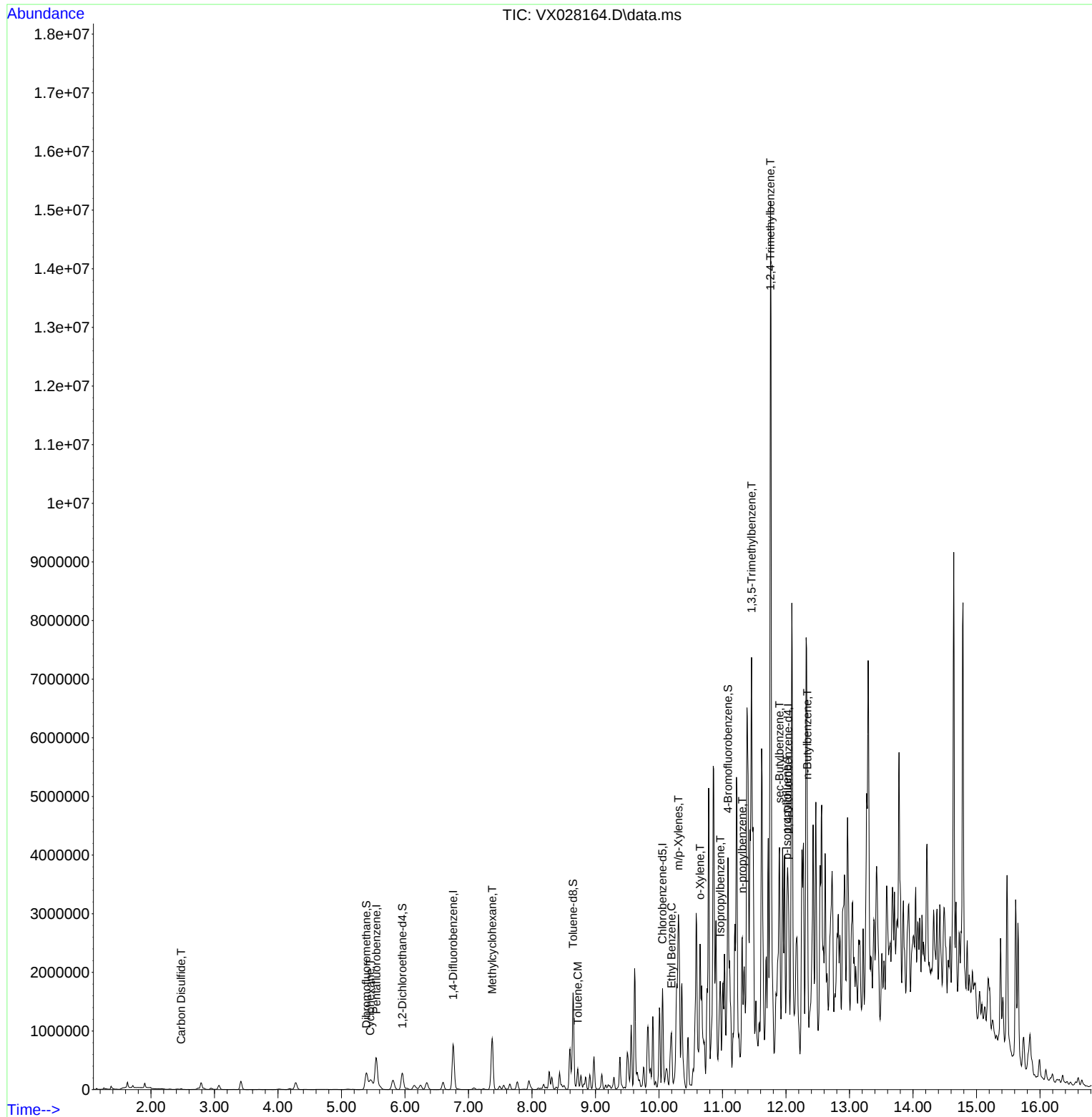
Internal Standards						
1) Pentafluorobenzene	5.550	168	576822	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	886559	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	824094	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.030	152	475835	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	280384	37.280	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	74.560%
35) Dibromofluoromethane	5.391	113	265152	42.647	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	85.300%
50) Toluene-d8	8.647	98	996258	41.720	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	83.440%
62) 4-Bromofluorobenzene	11.085	95	433346	47.461	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	94.920%
Target Compounds						
					Qvalue	
17) Carbon Disulfide	2.477	76	15221	1.275	ug/l	98
31) Cyclohexane	5.452	56	112601	12.288	ug/l	93
39) Methylcyclohexane	7.373	83	431857	42.203	ug/l	98
52) Toluene	8.720	92	101496	6.154	ug/l	99
67) Ethyl Benzene	10.195	91	412924	14.015	ug/l	95
68) m/p-Xylenes	10.305	106	505384	42.147	ug/l	95
69) o-Xylene	10.647	106	486244	40.672	ug/l	93
73) Isopropylbenzene	10.964	105	622956	19.047	ug/l	98
78) n-propylbenzene	11.311	91	1342521	37.019	ug/l	95
80) 1,3,5-Trimethylbenzene	11.457	105	2748385	98.996	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	5808421	210.471	ug/l	89
85) sec-Butylbenzene	11.896	105	836352	24.454	ug/l #	68
86) p-Isopropyltoluene	12.012	119	846036	28.674	ug/l	98
89) n-Butylbenzene	12.335	91	943793	38.955	ug/l #	31

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

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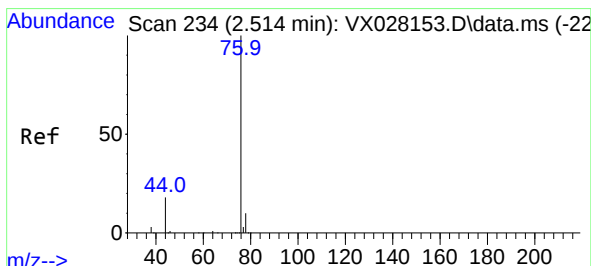
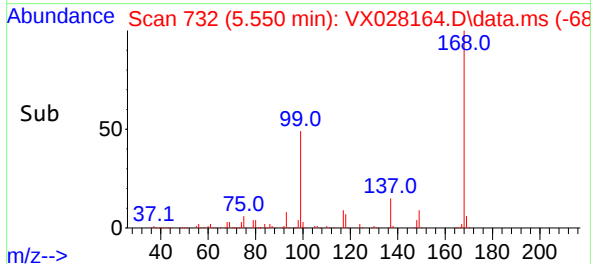
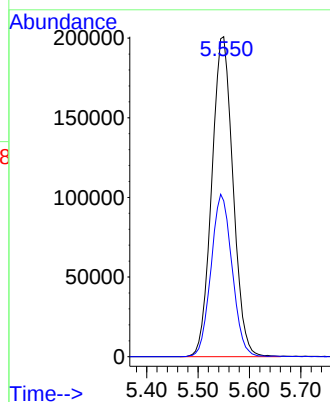
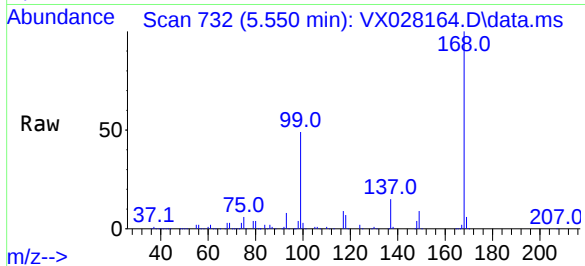




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX028164.D
Acq: 19 Apr 2022 16:56

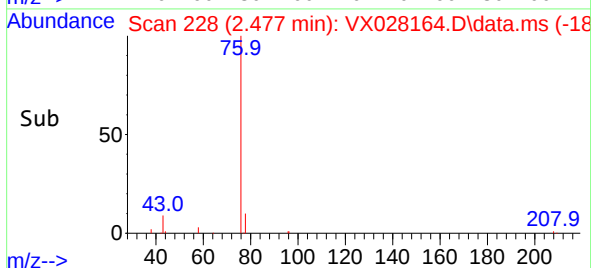
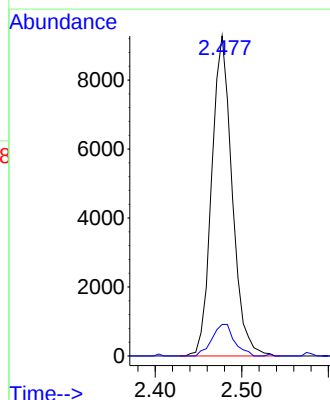
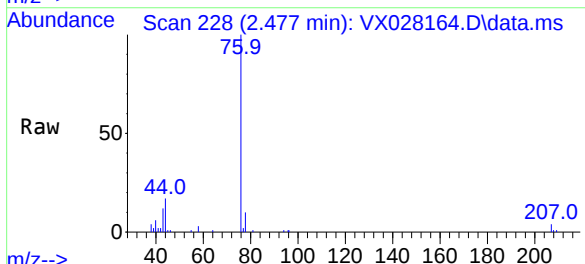
Instrument :
MSVOA_X
ClientSampleId :
WC-15-1-1-GRME

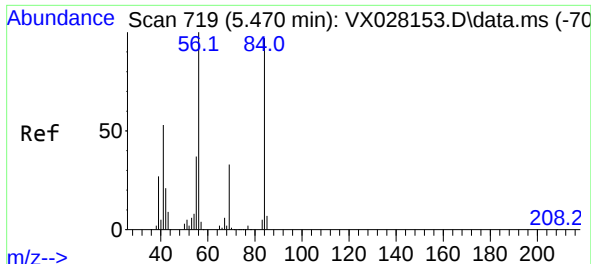
Tgt Ion:168 Resp: 576822
Ion Ratio Lower Upper
168 100
99 48.7 41.7 62.5



#17
Carbon Disulfide
Concen: 1.275 ug/l
RT: 2.477 min Scan# 228
Delta R.T. -0.037 min
Lab File: VX028164.D
Acq: 19 Apr 2022 16:56

Tgt Ion: 76 Resp: 15221
Ion Ratio Lower Upper
76 100
78 9.9 7.2 10.8

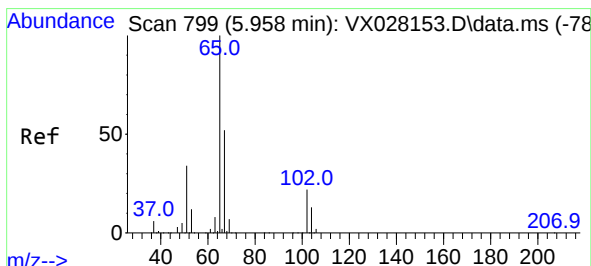
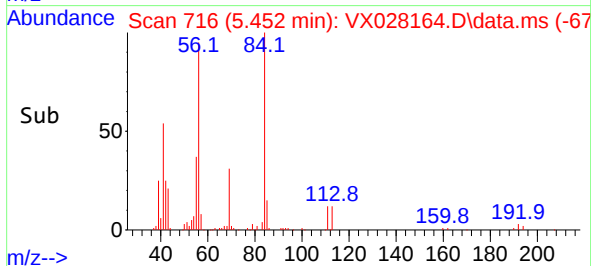
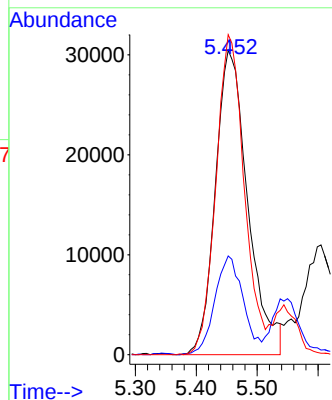
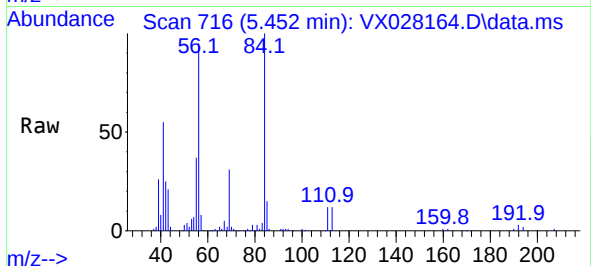




#31
Cyclohexane
Concen: 12.288 ug/l
RT: 5.452 min Scan# 716
Delta R.T. -0.018 min
Lab File: VX028164.D
Acq: 19 Apr 2022 16:56

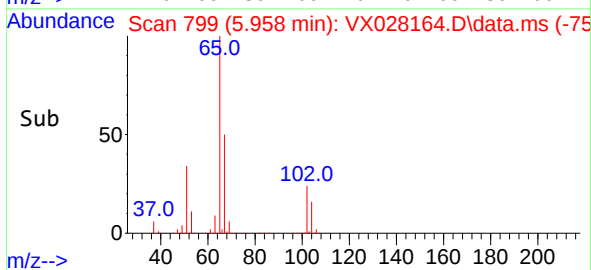
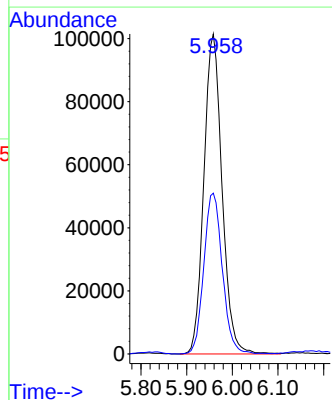
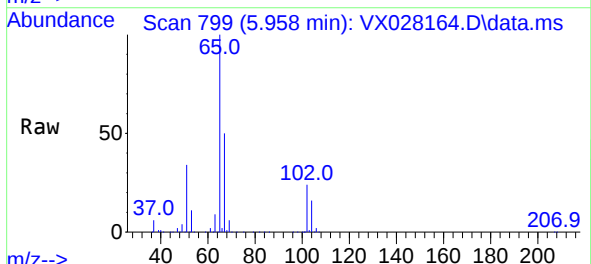
Instrument :
MSVOA_X
ClientSampleId :
WC-15-1-1-GRME

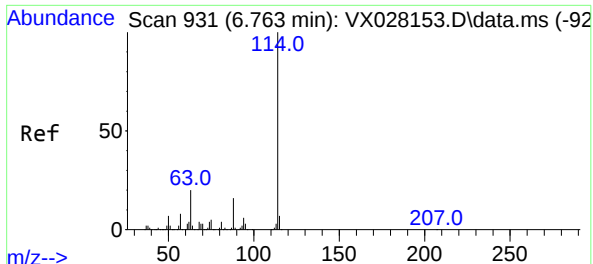
Tgt Ion: 56 Resp: 112601
Ion Ratio Lower Upper
56 100
69 32.4 26.7 40.1
84 104.8 77.2 115.8



#33
1,2-Dichloroethane-d4
Concen: 37.280 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028164.D
Acq: 19 Apr 2022 16:56

Tgt Ion: 65 Resp: 280384
Ion Ratio Lower Upper
65 100
67 51.3 0.0 107.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 91

Delta R.T. -0.006 min

Lab File: VX028164.D

Acq: 19 Apr 2022 16:56

Instrument :

MSVOA_X

ClientSampleId :

WC-15-1-1-GRME

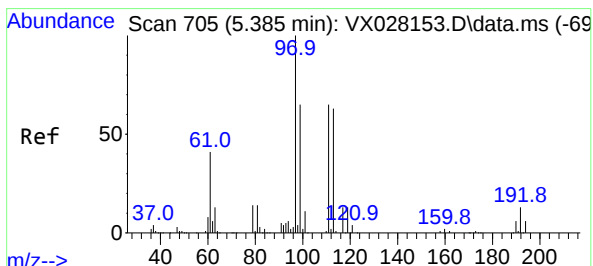
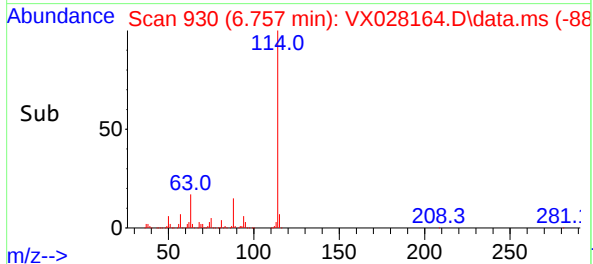
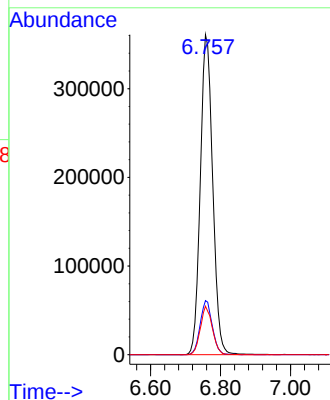
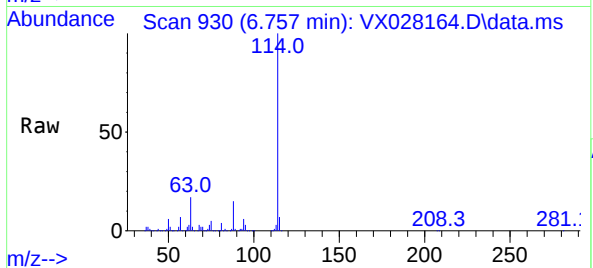
Tgt Ion:114 Resp: 886559

Ion Ratio Lower Upper

114 100

63 16.9 0.0 36.8

88 15.2 0.0 32.4



#35

Dibromofluoromethane

Concen: 42.647 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.006 min

Lab File: VX028164.D

Acq: 19 Apr 2022 16:56

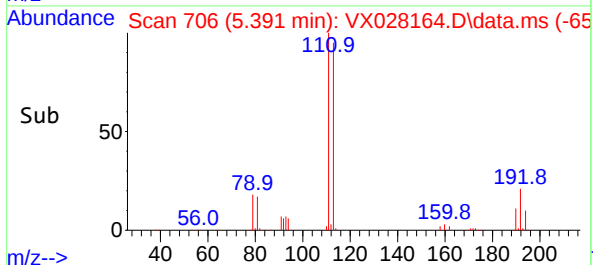
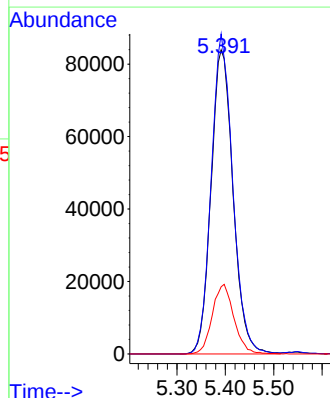
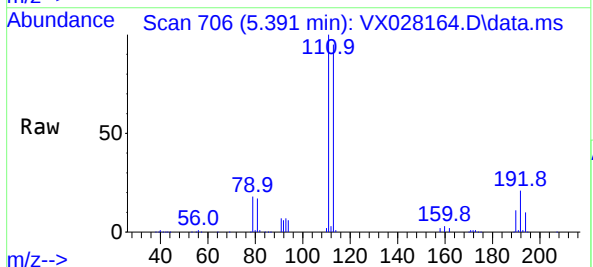
Tgt Ion:113 Resp: 265152

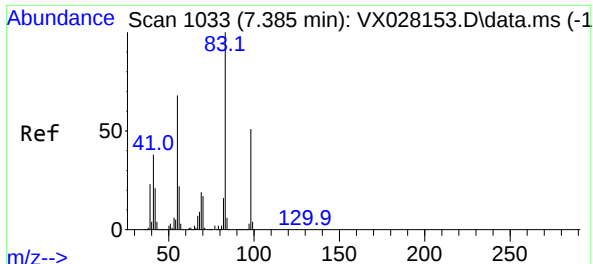
Ion Ratio Lower Upper

113 100

111 102.7 82.8 124.2

192 22.5 16.9 25.3





#39

Methylcyclohexane

Concen: 42.203 ug/l

RT: 7.373 min Scan# 1033

Delta R.T. -0.012 min

Lab File: VX028164.D

Acq: 19 Apr 2022 16:56

Instrument :

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ClientSampleId :

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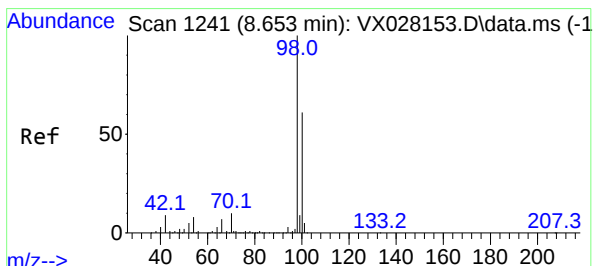
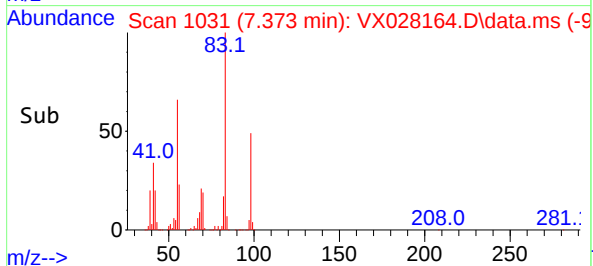
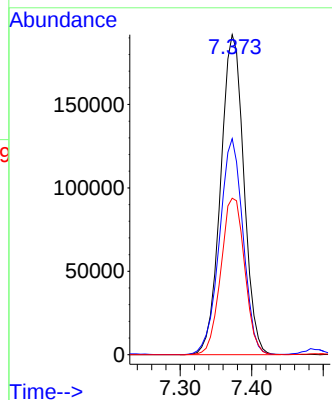
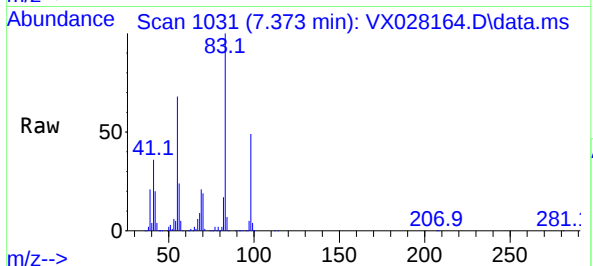
Tgt Ion: 83 Resp: 431857

Ion Ratio Lower Upper

83 100

55 67.5 54.6 81.8

98 48.9 37.4 56.2



#50

Toluene-d8

Concen: 41.720 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX028164.D

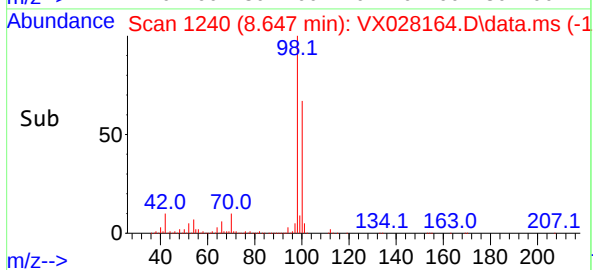
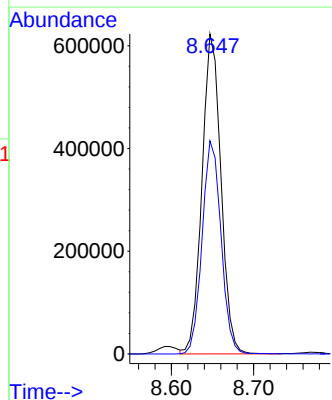
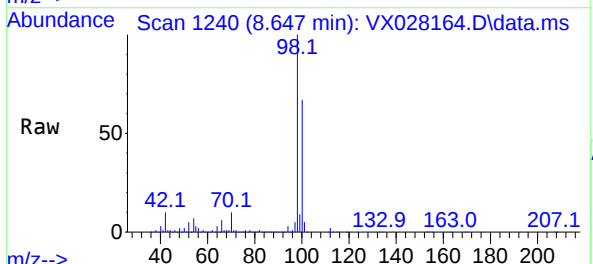
Acq: 19 Apr 2022 16:56

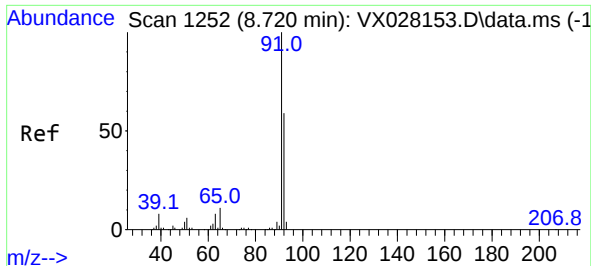
Tgt Ion: 98 Resp: 996258

Ion Ratio Lower Upper

98 100

100 66.6 52.6 78.8

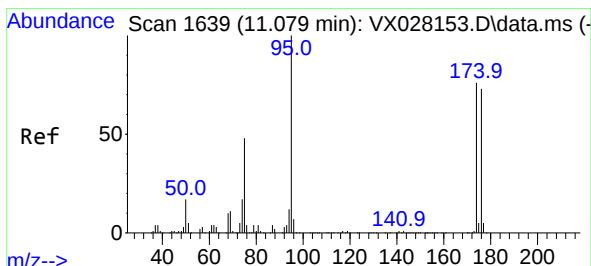
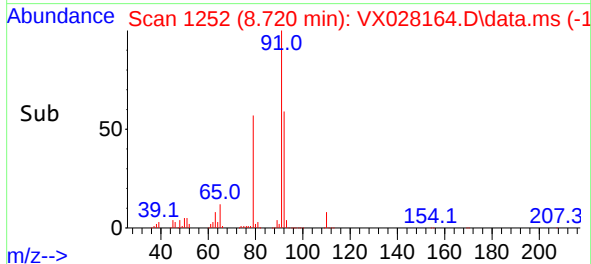
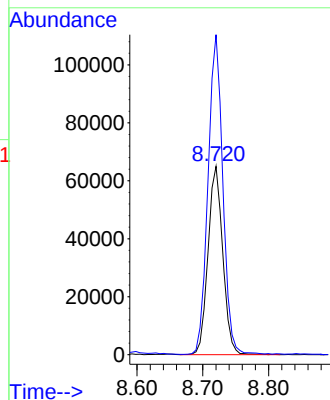
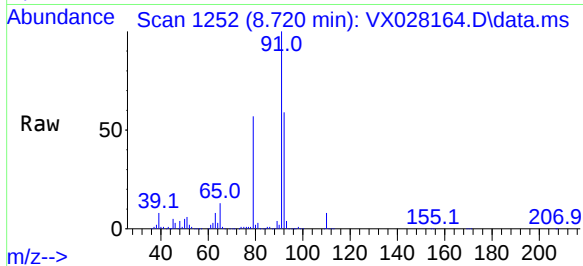




#52
Toluene
Concen: 6.154 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028164.D
Acq: 19 Apr 2022 16:56

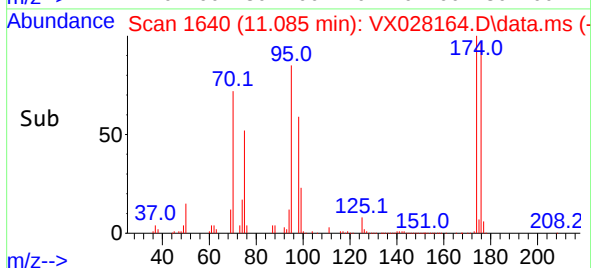
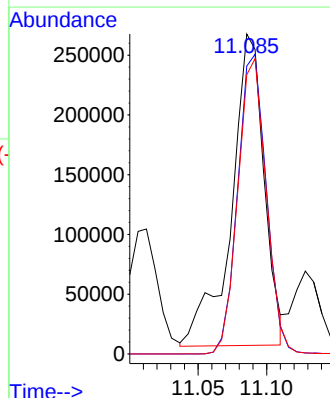
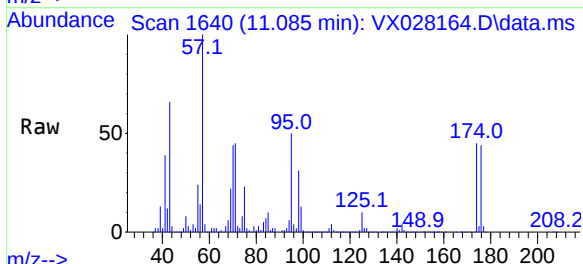
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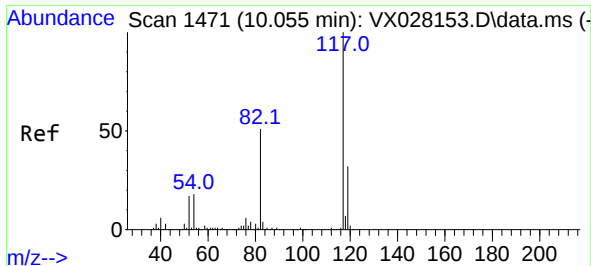
Tgt Ion: 92 Resp: 101496
Ion Ratio Lower Upper
92 100
91 170.3 137.5 206.3



#62
4-Bromofluorobenzene
Concen: 47.461 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX028164.D
Acq: 19 Apr 2022 16:56

Tgt Ion: 95 Resp: 433346
Ion Ratio Lower Upper
95 100
174 84.0 0.0 163.0
176 82.3 0.0 155.0

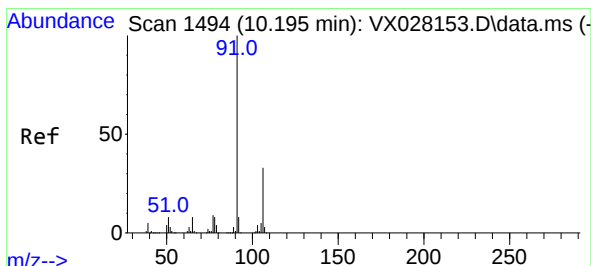
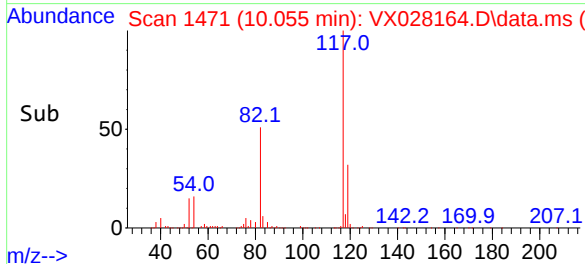
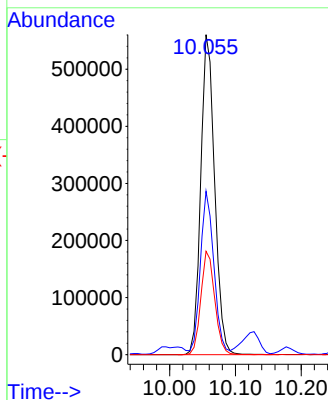
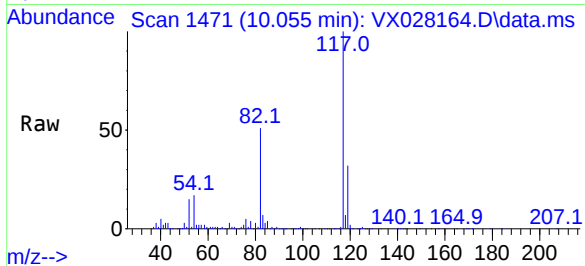




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028164.D
Acq: 19 Apr 2022 16:56

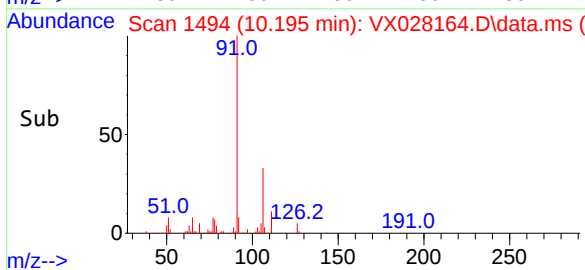
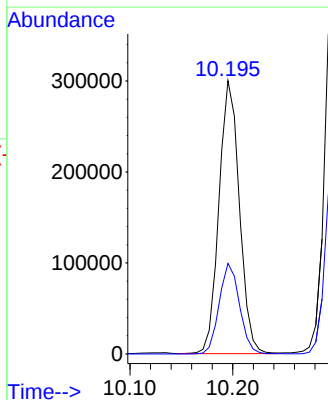
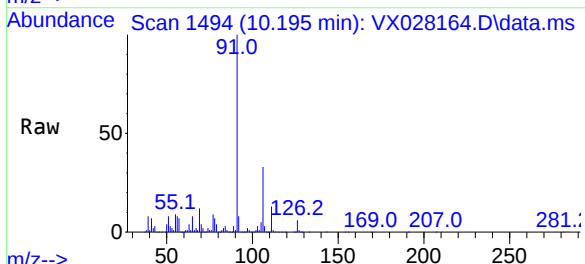
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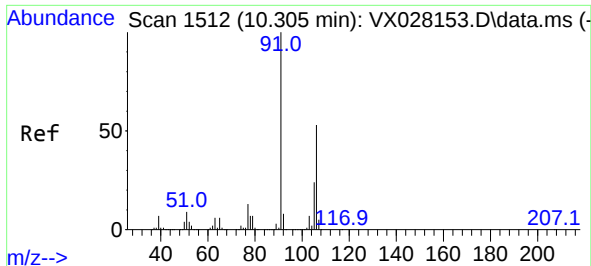
Tgt Ion:117 Resp: 824094
Ion Ratio Lower Upper
117 100
82 50.1 41.8 62.8
119 32.3 24.8 37.2



#67
Ethyl Benzene
Concen: 14.015 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX028164.D
Acq: 19 Apr 2022 16:56

Tgt Ion: 91 Resp: 412924
Ion Ratio Lower Upper
91 100
106 33.2 24.6 36.8

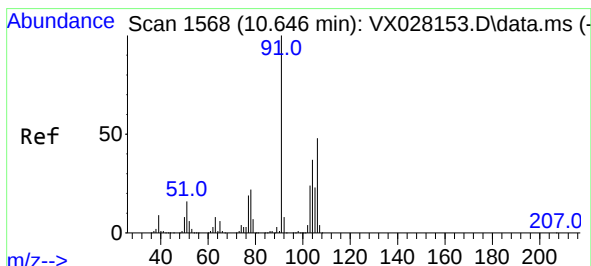
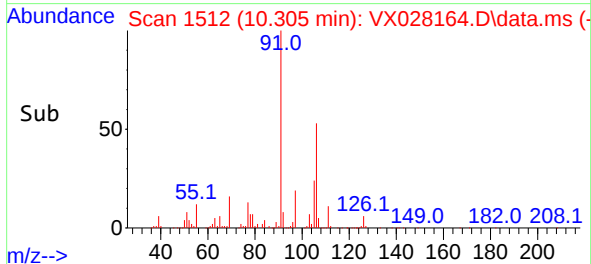
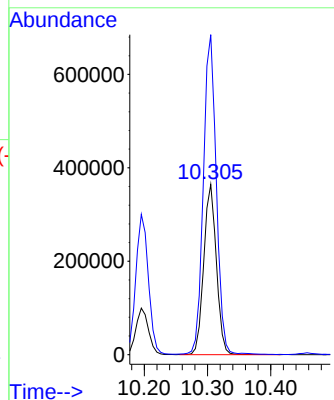
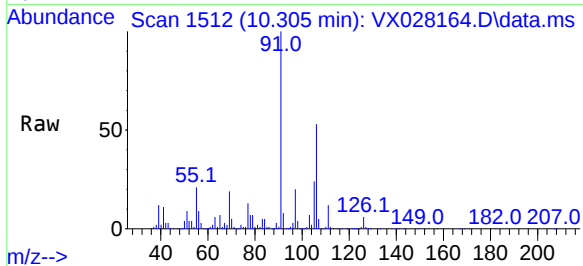




#68
m/p-Xylenes
Concen: 42.147 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX028164.D
Acq: 19 Apr 2022 16:56

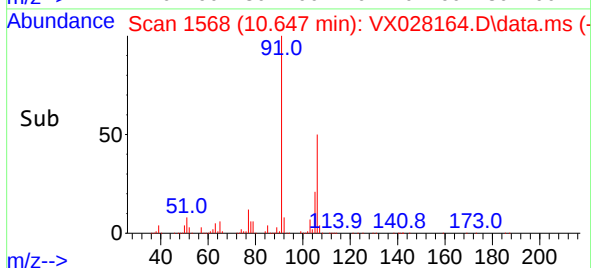
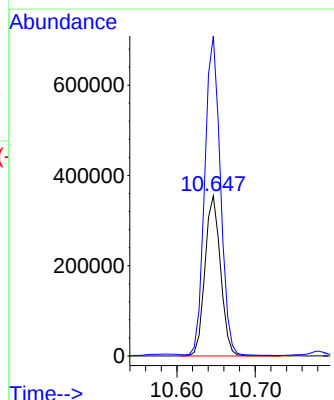
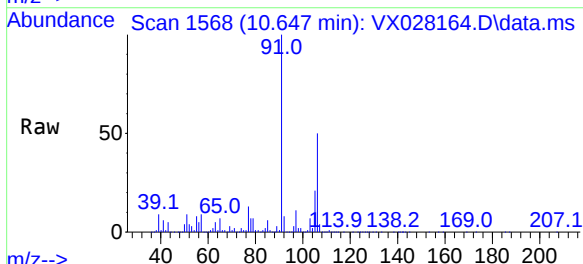
Instrument :
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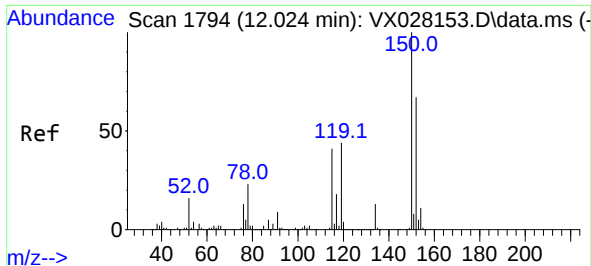
Tgt Ion:106 Resp: 505384
Ion Ratio Lower Upper
106 100
91 193.4 160.4 240.6



#69
o-Xylene
Concen: 40.672 ug/l
RT: 10.647 min Scan# 1568
Delta R.T. 0.001 min
Lab File: VX028164.D
Acq: 19 Apr 2022 16:56

Tgt Ion:106 Resp: 486244
Ion Ratio Lower Upper
106 100
91 201.7 106.1 318.1

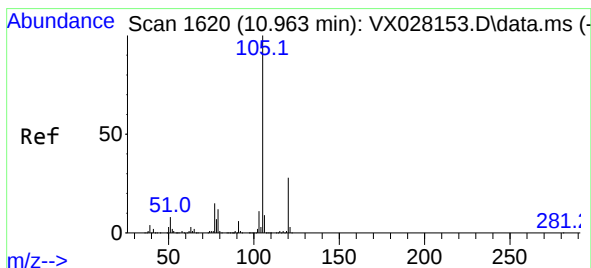
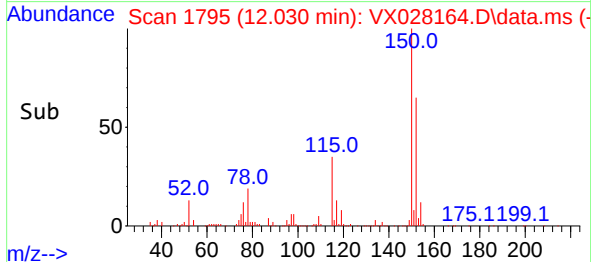
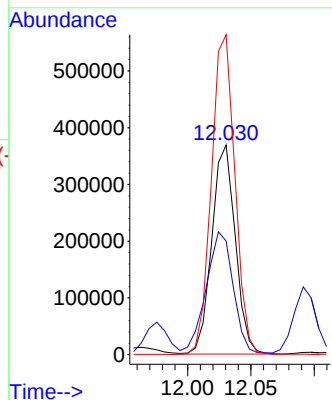
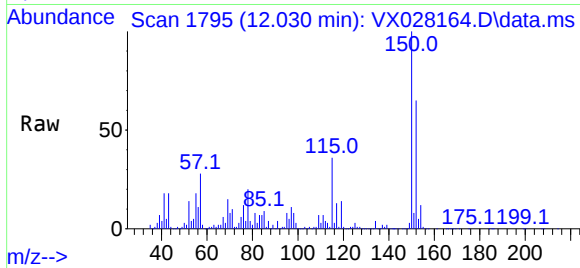




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.030 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX028164.D
Acq: 19 Apr 2022 16:56

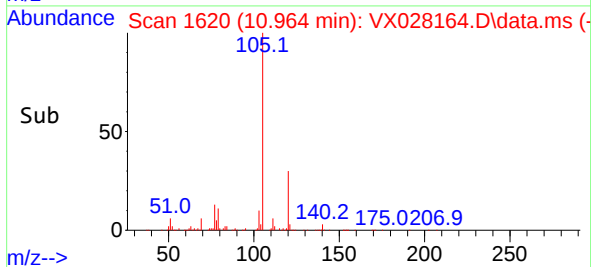
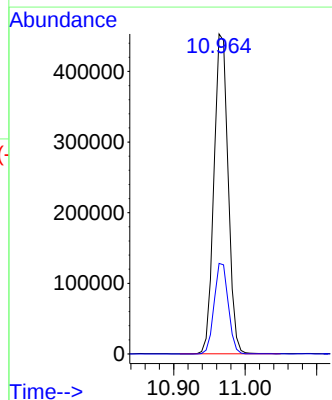
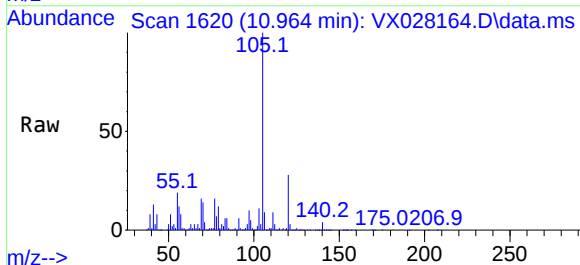
Instrument :
MSVOA_X
ClientSampleId :
WC-15-1-1-GRME

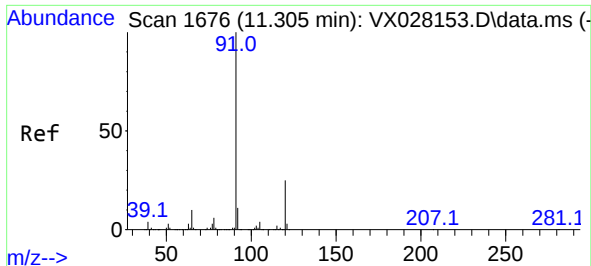
Tgt Ion:152 Resp: 475835
Ion Ratio Lower Upper
152 100
115 67.2 37.5 112.7
150 153.2 0.0 338.2



#73
Isopropylbenzene
Concen: 19.047 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX028164.D
Acq: 19 Apr 2022 16:56

Tgt Ion:105 Resp: 622956
Ion Ratio Lower Upper
105 100
120 28.2 13.5 40.5

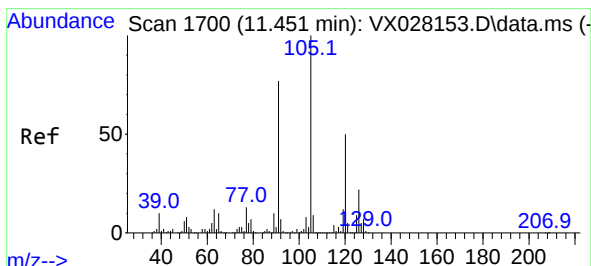
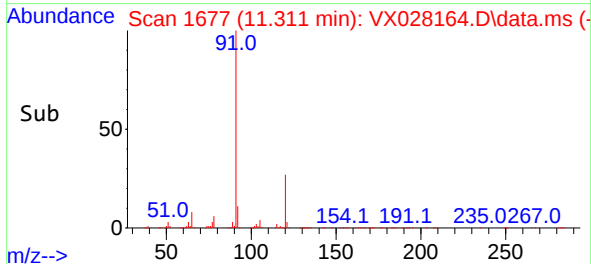
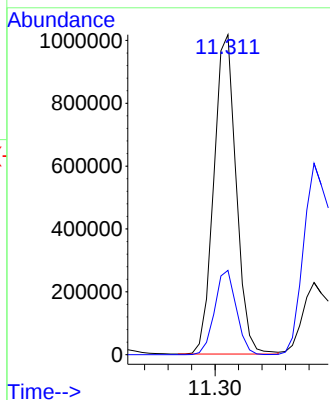
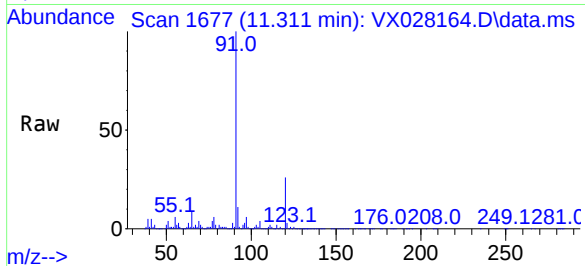




#78
n-propylbenzene
Concen: 37.019 ug/l
RT: 11.311 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX028164.D
Acq: 19 Apr 2022 16:56

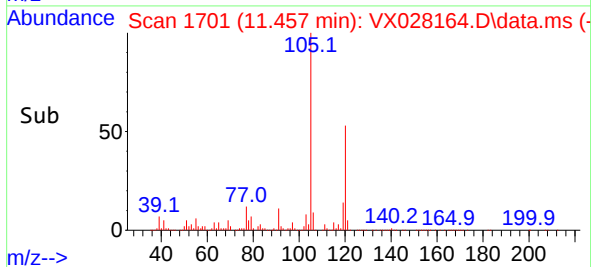
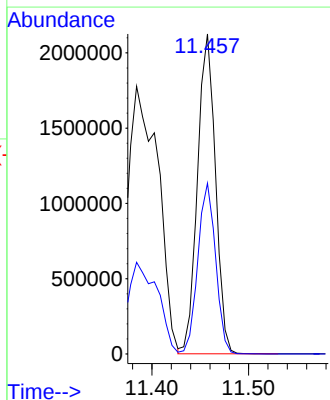
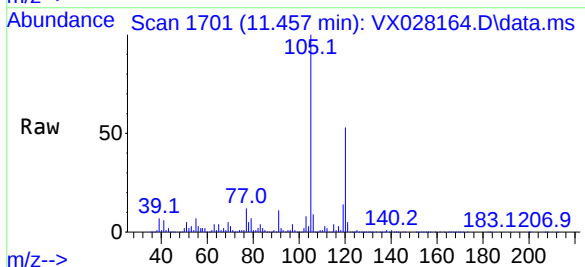
Instrument :
MSVOA_X
ClientSampleId :
WC-15-1-1-GRME

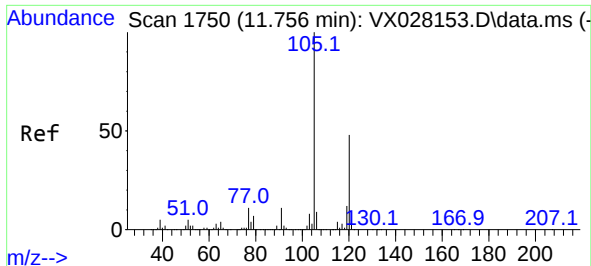
Tgt Ion: 91 Resp: 1342521
Ion Ratio Lower Upper
91 100
120 25.6 11.6 34.8



#80
1,3,5-Trimethylbenzene
Concen: 98.996 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX028164.D
Acq: 19 Apr 2022 16:56

Tgt Ion: 105 Resp: 2748385
Ion Ratio Lower Upper
105 100
120 52.8 24.3 72.9

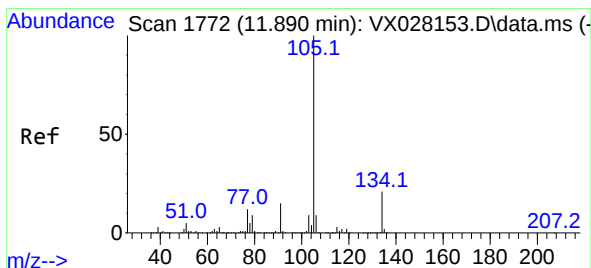
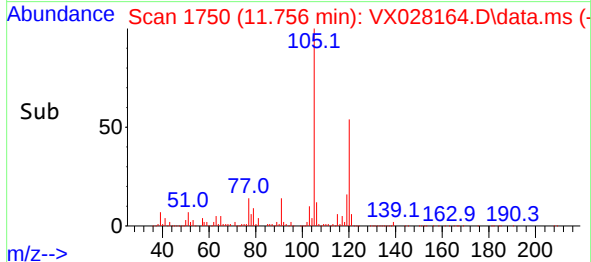
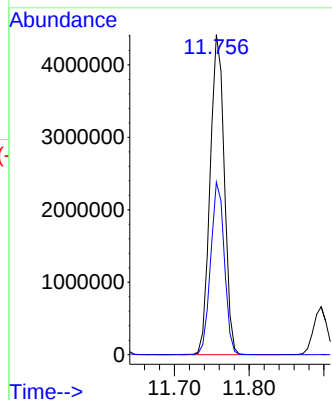
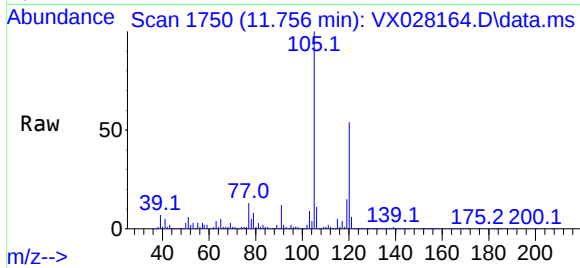




#84
1,2,4-Trimethylbenzene
Concen: 210.471 ug/l
RT: 11.756 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028164.D
Acq: 19 Apr 2022 16:56

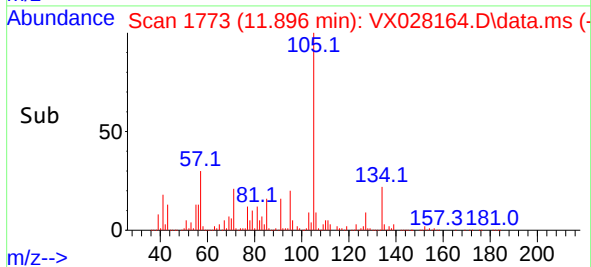
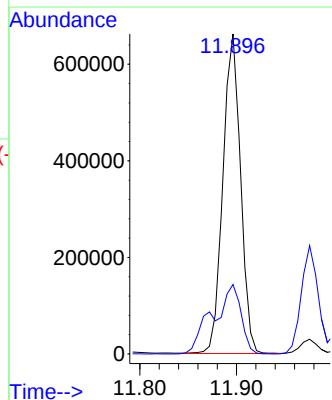
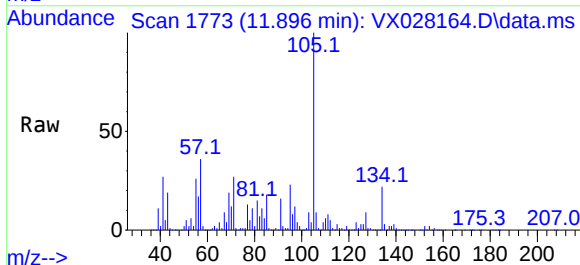
Instrument :
MSVOA_X
ClientSampleId :
WC-15-1-1-GRME

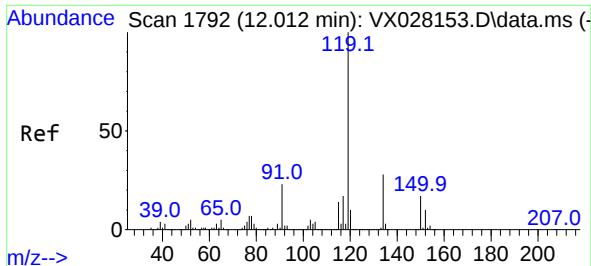
Tgt Ion:105 Resp: 5808421
Ion Ratio Lower Upper
105 100
120 52.2 22.6 67.8



#85
sec-Butylbenzene
Concen: 24.454 ug/l
RT: 11.896 min Scan# 1773
Delta R.T. 0.006 min
Lab File: VX028164.D
Acq: 19 Apr 2022 16:56

Tgt Ion:105 Resp: 836352
Ion Ratio Lower Upper
105 100
134 34.9 10.2 30.4#

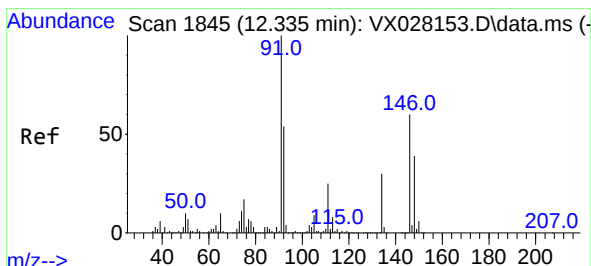
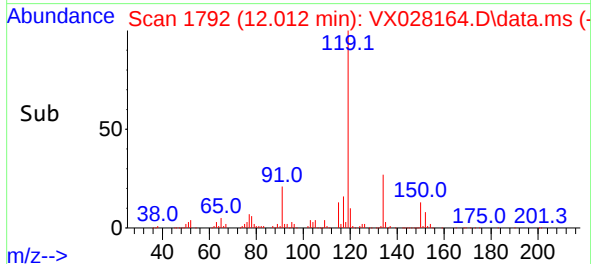
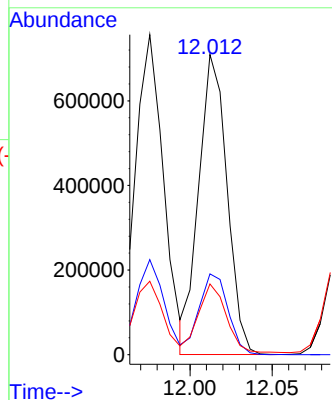
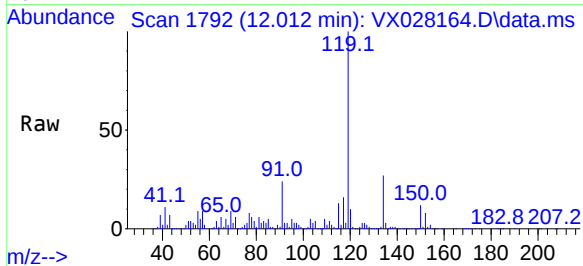




#86
p-Isopropyltoluene
Concen: 28.674 ug/l
RT: 12.012 min Scan# 119
Delta R.T. 0.000 min
Lab File: VX028164.D
Acq: 19 Apr 2022 16:56

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

Tgt Ion:	119	Resp:	846036
Ion	Ratio	Lower	Upper
119	100		
134	27.8	13.0	39.0
91	22.2	11.3	33.9



#89
n-Butylbenzene
Concen: 38.955 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX028164.D
Acq: 19 Apr 2022 16:56

Tgt Ion:	91	Resp:	943793
Ion	Ratio	Lower	Upper
91	100		
92	36.6	27.8	83.3
134	107.8	13.3	39.8#

