

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042122\
 Data File : VX028268.D
 Acq On : 22 Apr 2022 02:27
 Operator : JC/MD
 Sample : N2452-13ME
 Misc : 8.69g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 41 Sample Multiplier: 1

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

Quant Time: Apr 22 06:31:18 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

Manual Integrations APPROVED

Reviewed By : John Carlone 04/22/2022
 Supervised By : Semsettin Yesilyurt 04/22/2022

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	568015	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	877347	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	781167	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.030	152	444446	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	276413	37.322	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	74.640%		
35) Dibromofluoromethane	5.391	113	260623	42.359	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	84.720%		
50) Toluene-d8	8.653	98	992454	41.997	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	84.000%		
62) 4-Bromofluorobenzene	11.085	95	384383m	42.540	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	85.080%		
Target Compounds					Qvalue	
16) Acetone	2.422	43	9138	2.658	ug/l	96
31) Cyclohexane	5.458	56	106242	11.774	ug/l	94
39) Methylcyclohexane	7.379	83	819021	80.879	ug/l	97
52) Toluene	8.720	92	48247	2.956	ug/l	99
67) Ethyl Benzene	10.195	91	1103139	39.500	ug/l	96
68) m/p-Xylenes	10.305	106	3195310	281.120	ug/l	87
69) o-Xylene	10.646	106	1607316	141.833	ug/l	91
73) Isopropylbenzene	10.969	105	1700468	55.665	ug/l	98
78) n-propylbenzene	11.311	91	2810339	82.965	ug/l	94
80) 1,3,5-Trimethylbenzene	11.457	105	6569135	253.330	ug/l	89
83) tert-Butylbenzene	11.719	119	199835	7.547	ug/l	85
84) 1,2,4-Trimethylbenzene	11.762	105	12407088	481.328	ug/l	74
85) sec-Butylbenzene	11.896	105	1783172	55.819	ug/l	98
86) p-Isopropyltoluene	12.012	119	2178963	79.064	ug/l	97
89) n-Butylbenzene	12.335	91	1912491	84.513	ug/l #	32

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

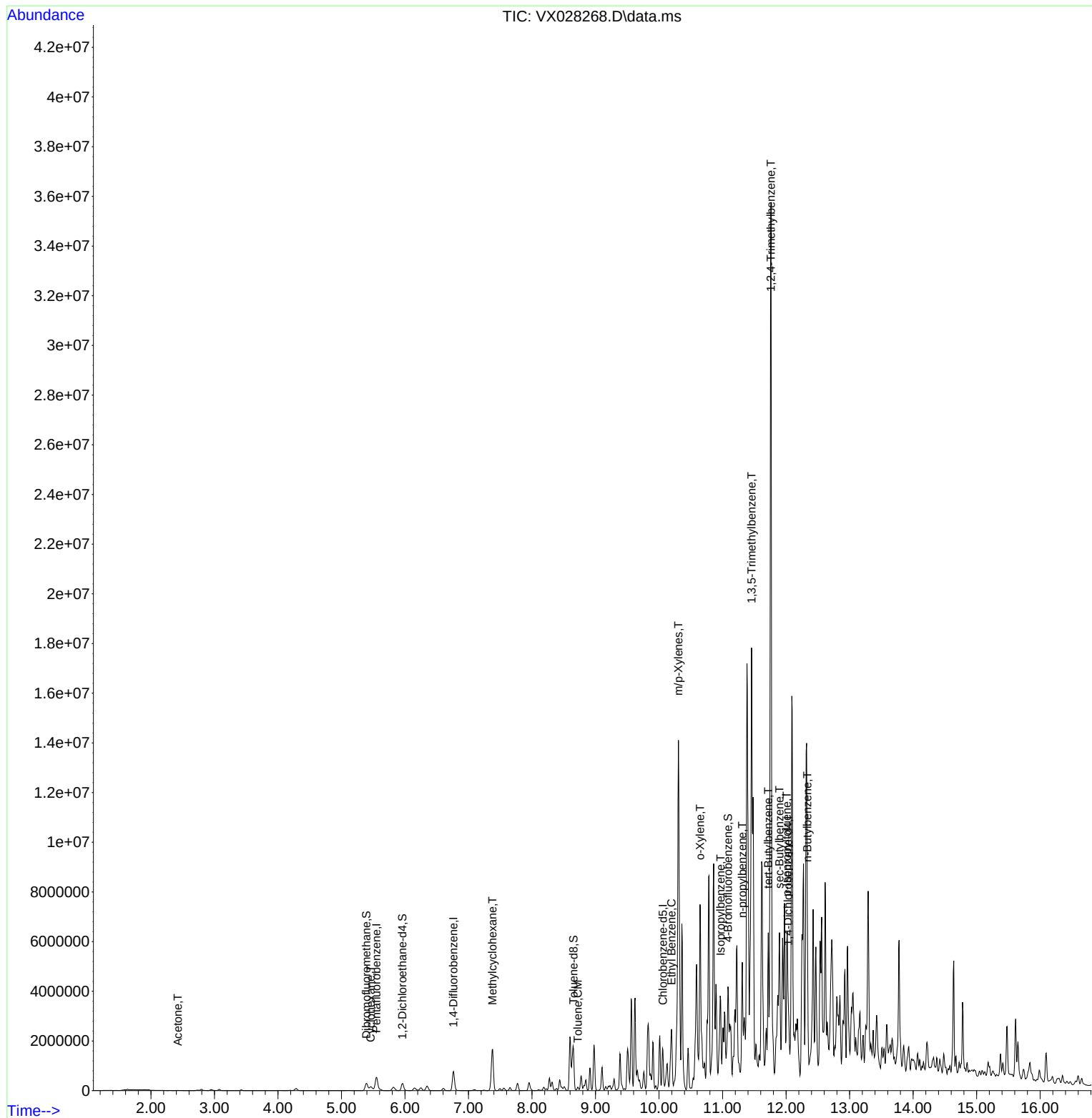
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042122\
Data File : VX028268.D
Acq On : 22 Apr 2022 02:27
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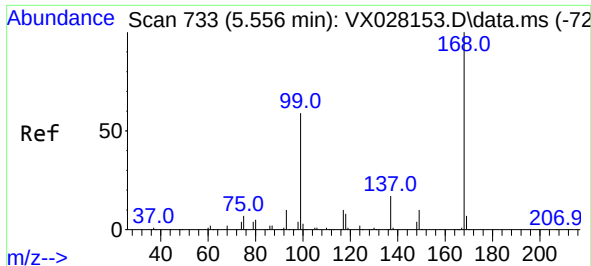
Instrument :
MSVOA_X
ClientSampleId :
WC-15-1-5

Quant Time: Apr 22 06:31:18 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
Quant Title : SW846 8260
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APPROVED

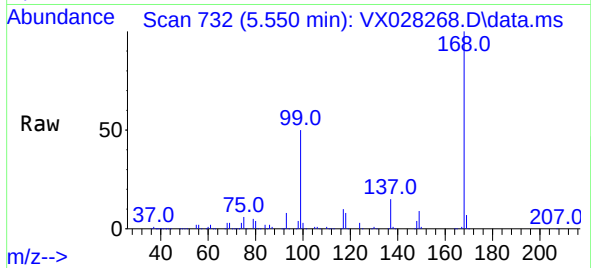
Reviewed By :John Carlone 04/22/2022
Supervised By :Semsettin Yesilyurt 04/22/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX028268.D
Acq: 22 Apr 2022 02:27

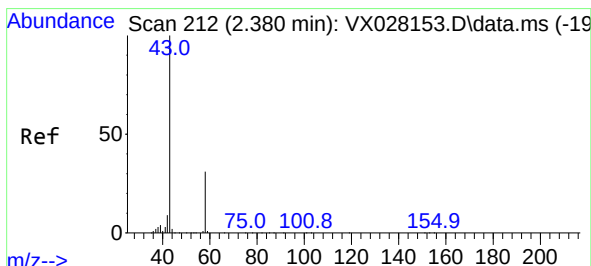
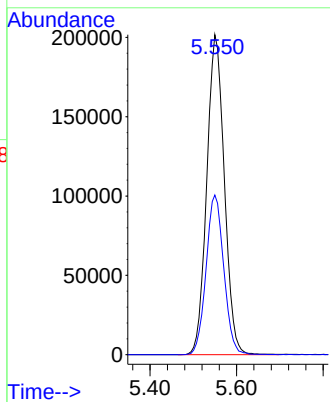
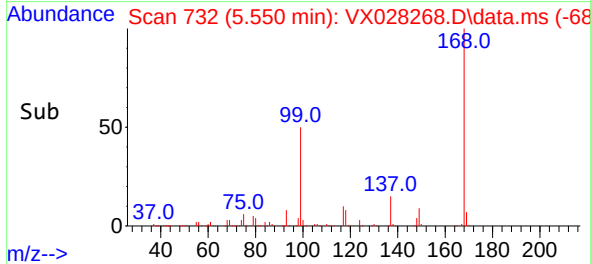
Instrument :
MSVOA_X
ClientSampleId :
WC-15-1-5



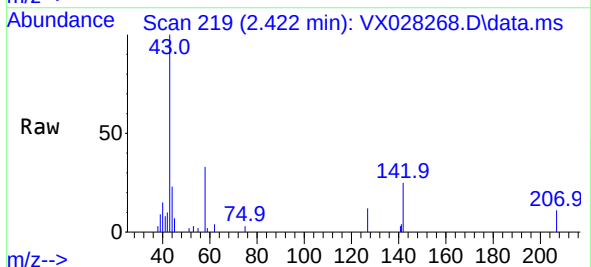
Tgt Ion:168 Resp: 56801
Ion Ratio Lower Upper
168 100
99 49.9 41.7 62.5

Manual Integrations
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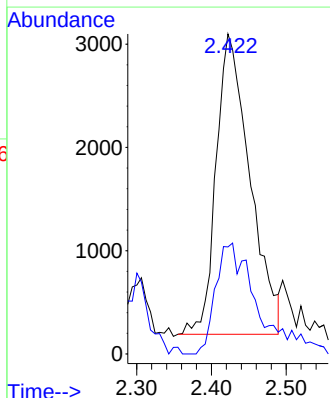
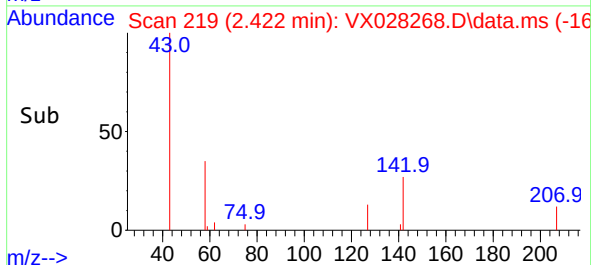
Reviewed By :John Carlone 04/22/2022
Supervised By :Semsettin Yesilyurt 04/22/2022

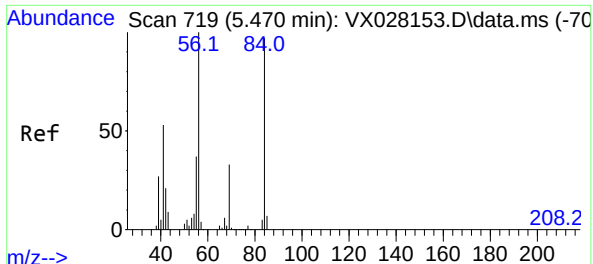


#16
Acetone
Concen: 2.658 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.042 min
Lab File: VX028268.D
Acq: 22 Apr 2022 02:27



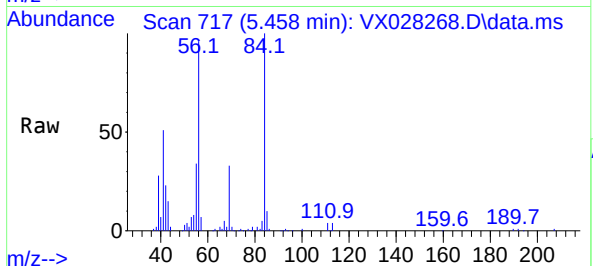
Tgt Ion: 43 Resp: 9138
Ion Ratio Lower Upper
43 100
58 33.4 28.8 43.2





#31
Cyclohexane
Concen: 11.774 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.012 min
Lab File: VX028268.D
Acq: 22 Apr 2022 02:27

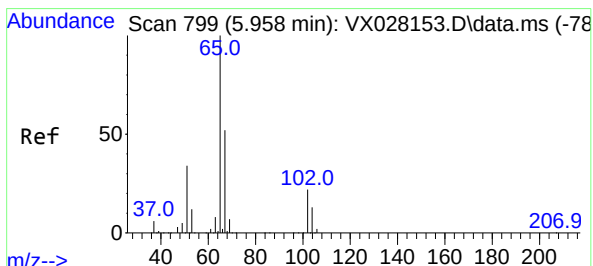
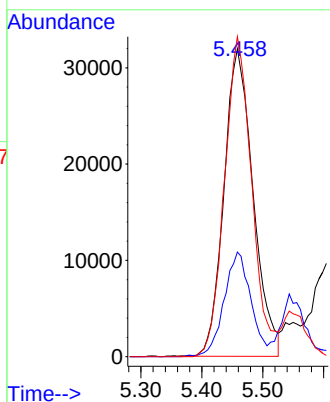
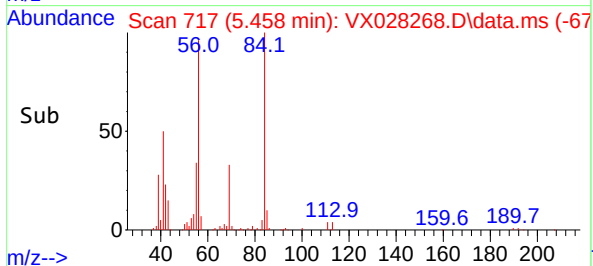
Instrument :
MSVOA_X
ClientSampleId :
WC-15-1-5



Tgt Ion: 56 Resp: 10624
Ion Ratio Lower Upper
56 100
69 34.0 26.7 40.1
84 104.1 77.2 115.8

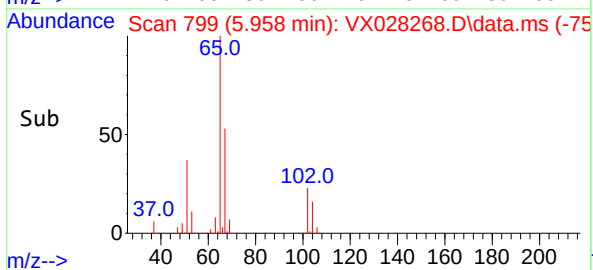
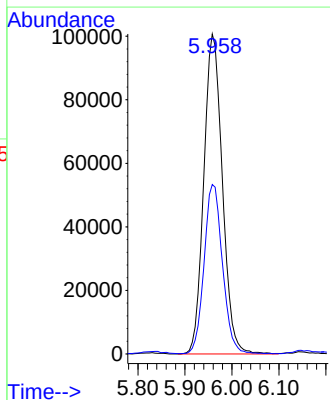
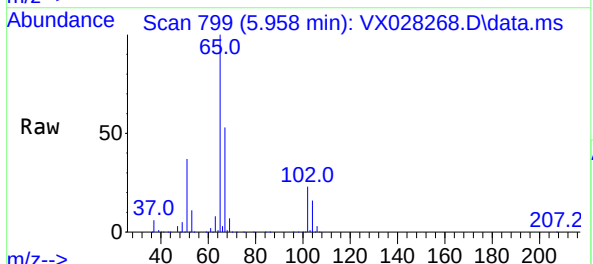
Manual Integrations
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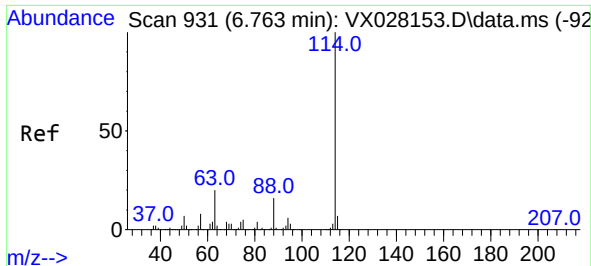
Reviewed By :John Carlone 04/22/2022
Supervised By :Semsettin Yesilyurt 04/22/2022



#33
1,2-Dichloroethane-d4
Concen: 37.322 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028268.D
Acq: 22 Apr 2022 02:27

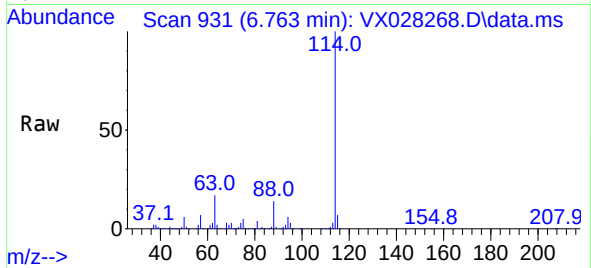
Tgt Ion: 65 Resp: 276413
Ion Ratio Lower Upper
65 100
67 52.2 0.0 107.4





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX028268.D
Acq: 22 Apr 2022 02:27

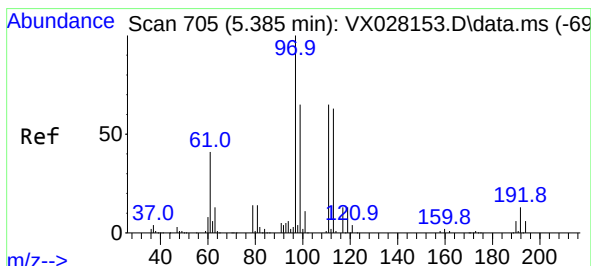
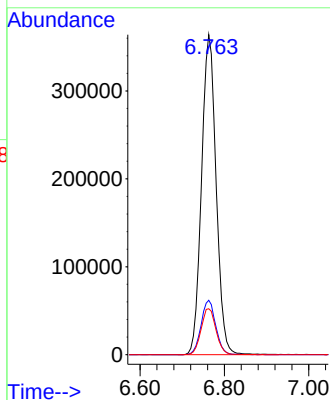
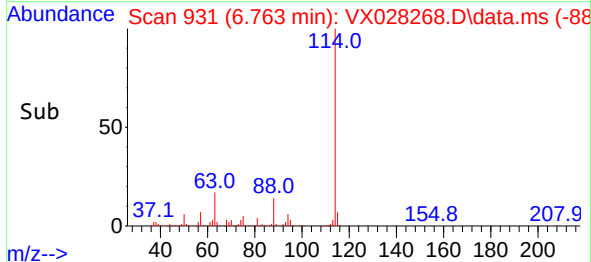
Instrument :
MSVOA_X
ClientSampleId :
WC-15-1-5



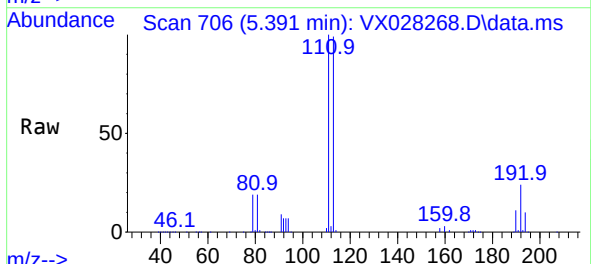
Tgt Ion:114 Resp: 87734
Ion Ratio Lower Upper
114 100
63 17.0 0.0 36.8
88 14.4 0.0 32.4

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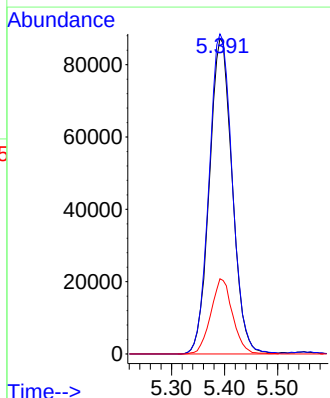
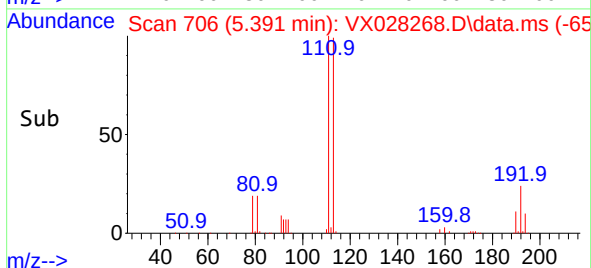
Reviewed By :John Carlone 04/22/2022
Supervised By :Semsettin Yesilyurt 04/22/2022

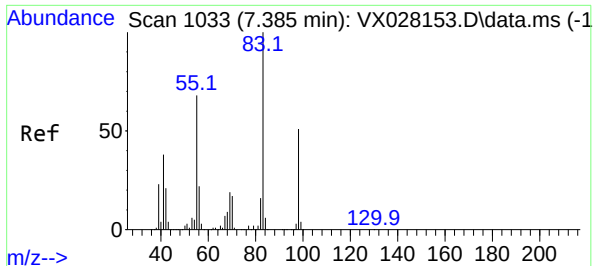


#35
Dibromofluoromethane
Concen: 42.359 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX028268.D
Acq: 22 Apr 2022 02:27



Tgt Ion:113 Resp: 260623
Ion Ratio Lower Upper
113 100
111 103.1 82.8 124.2
192 22.8 16.9 25.3





#39

Methylcyclohexane

Concen: 80.879 ug/l

RT: 7.379 min Scan# 1033

Delta R.T. -0.006 min

Lab File: VX028268.D

Acq: 22 Apr 2022 02:27

Instrument :

MSVOA_X

ClientSampleId :

WC-15-1-5

Tgt Ion: 83 Resp: 81902

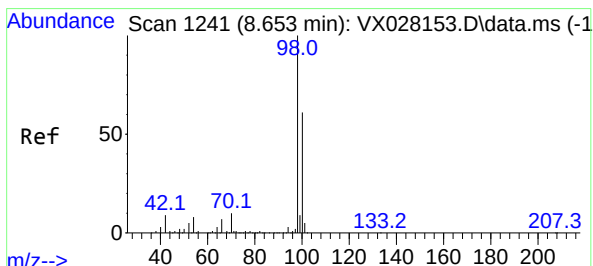
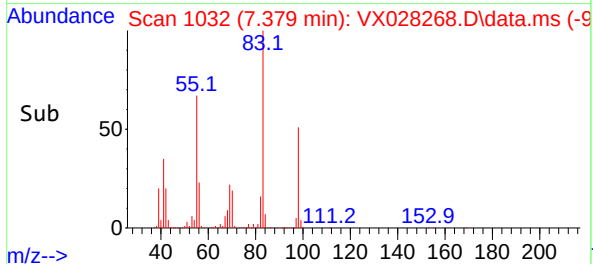
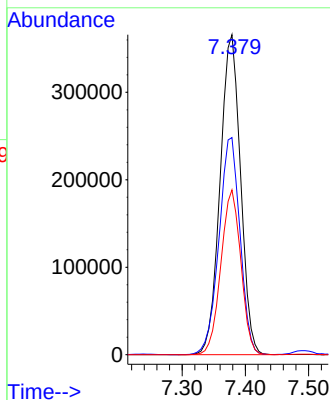
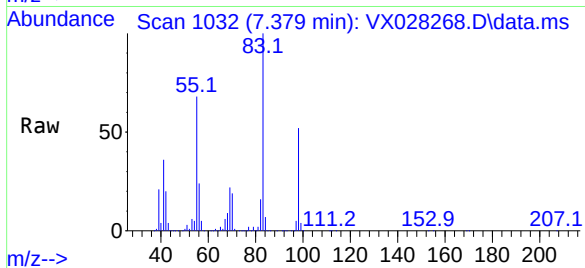
Ion	Ratio	Lower	Upper
83	100		
55	67.8	54.6	81.8
98	51.5	37.4	56.2

Manual Integrations

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Supervised By :Semsettin Yesilyurt 04/22/2022



#50

Toluene-d8

Concen: 41.997 ug/l

RT: 8.653 min Scan# 1241

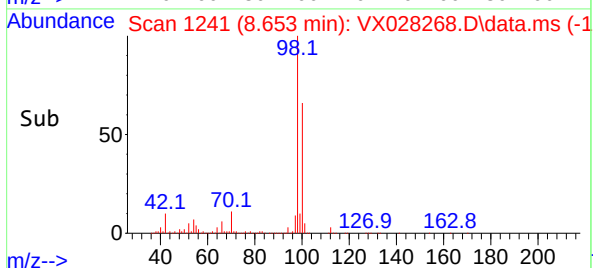
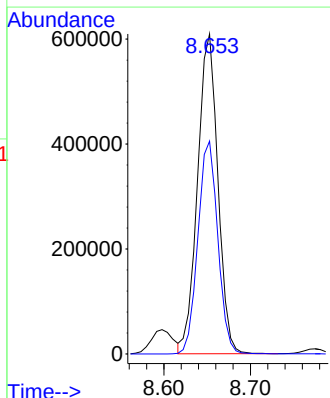
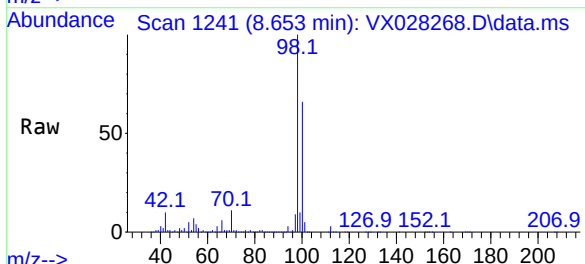
Delta R.T. -0.000 min

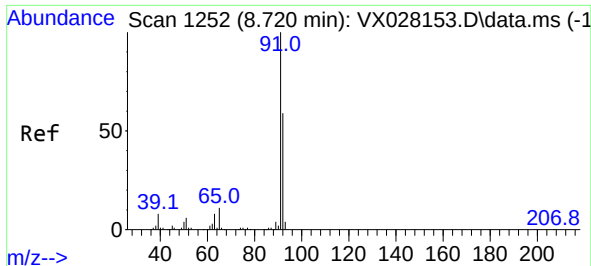
Lab File: VX028268.D

Acq: 22 Apr 2022 02:27

Tgt Ion: 98 Resp: 992454

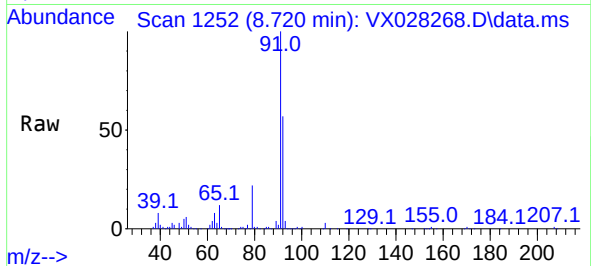
Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.6	78.8





#52
Toluene
Concen: 2.956 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028268.D
Acq: 22 Apr 2022 02:27

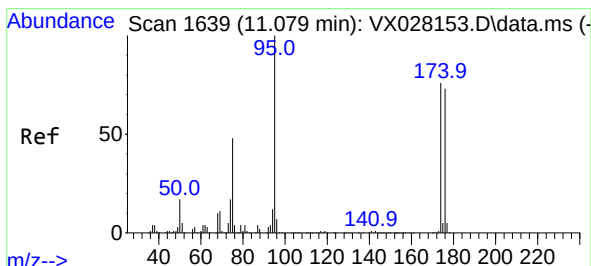
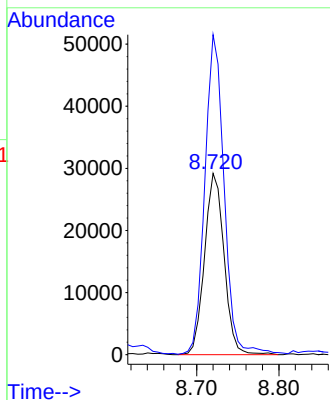
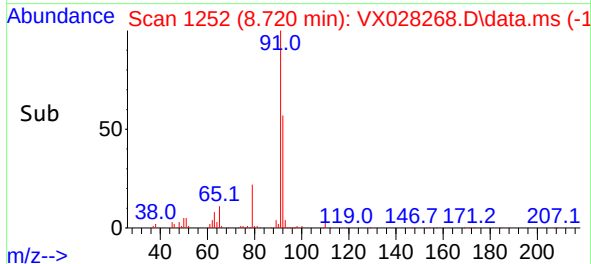
Instrument :
MSVOA_X
ClientSampleId :
WC-15-1-5



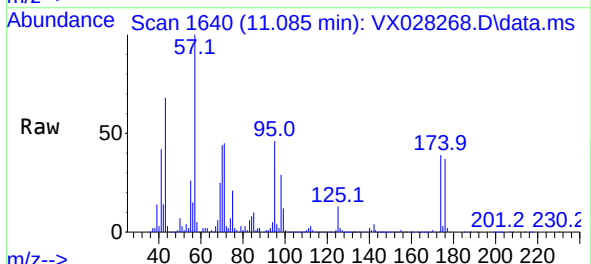
Tgt Ion: 92 Resp: 4824
Ion Ratio Lower Upper
92 100
91 173.0 137.5 206.3

Manual Integrations
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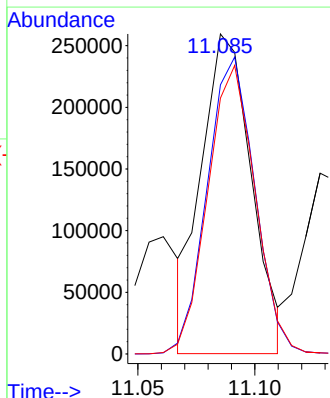
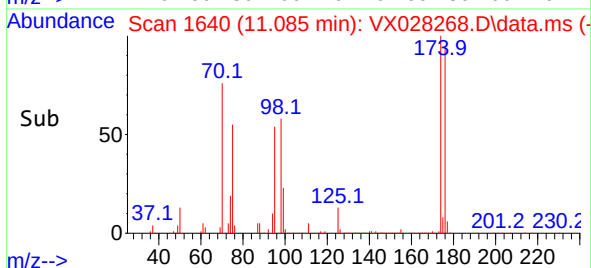
Reviewed By :John Carlone 04/22/2022
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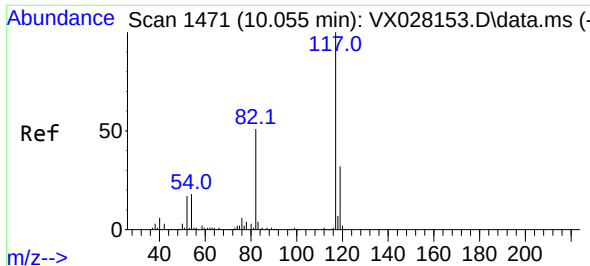


#62
4-Bromofluorobenzene
Concen: 42.540 ug/l m
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX028268.D
Acq: 22 Apr 2022 02:27



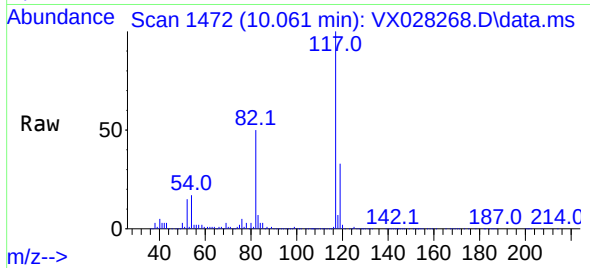
Tgt Ion: 95 Resp: 384383
Ion Ratio Lower Upper
95 100
174 88.9 0.0 163.0
176 86.3 0.0 155.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX028268.D
Acq: 22 Apr 2022 02:27

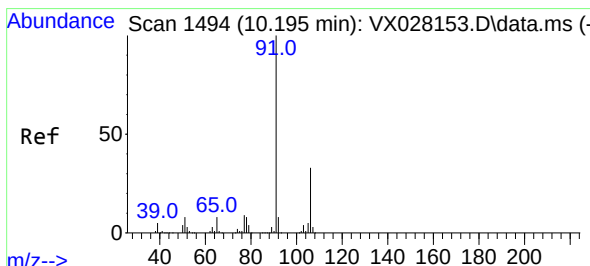
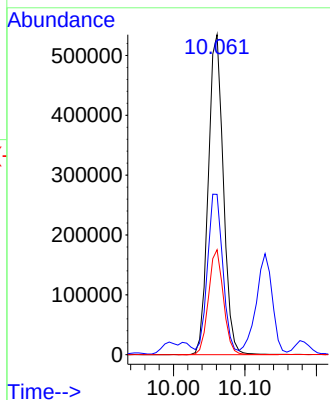
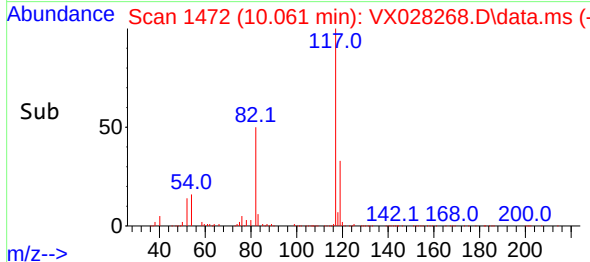
Instrument :
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ClientSampleId :
WC-15-1-5



Tgt Ion: 117 Resp: 78116
Ion Ratio Lower Upper
117 100
82 47.1 41.8 62.8
119 32.8 24.8 37.2

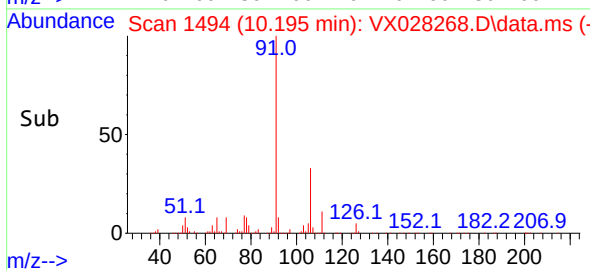
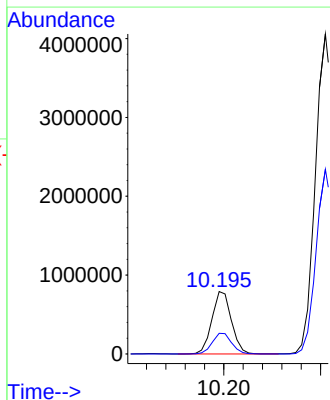
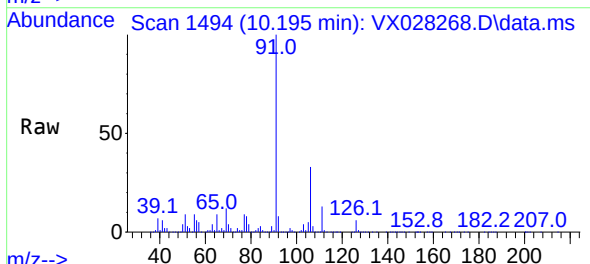
Manual Integrations
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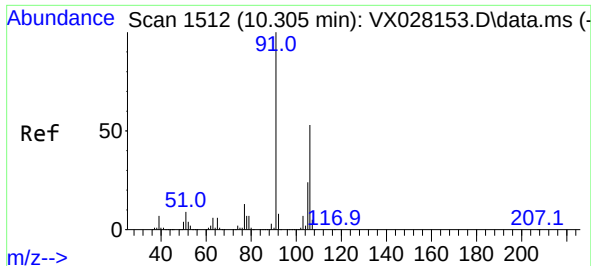
Reviewed By :John Carlone 04/22/2022
Supervised By :Semsettin Yesilyurt 04/22/2022



#67
Ethyl Benzene
Concen: 39.500 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX028268.D
Acq: 22 Apr 2022 02:27

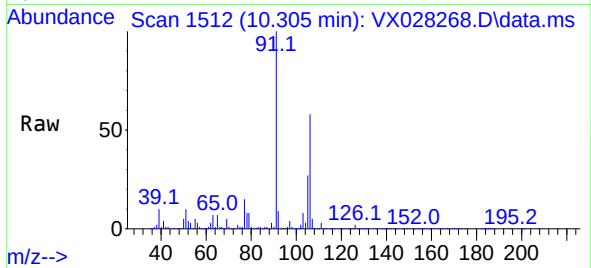
Tgt Ion: 91 Resp: 1103139
Ion Ratio Lower Upper
91 100
106 33.1 24.6 36.8





#68
m/p-Xylenes
Concen: 281.120 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX028268.D
Acq: 22 Apr 2022 02:27

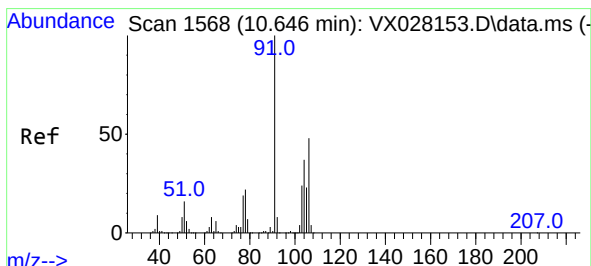
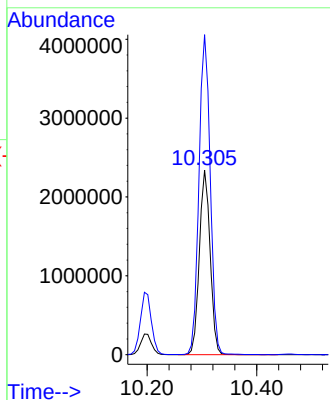
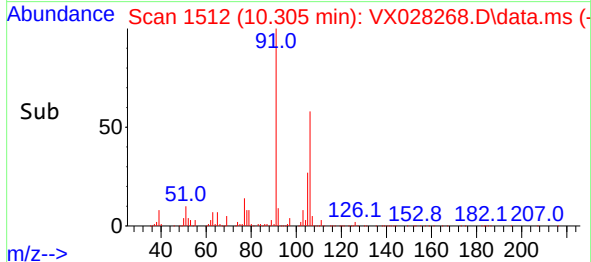
Instrument :
MSVOA_X
ClientSampleId :
WC-15-1-5



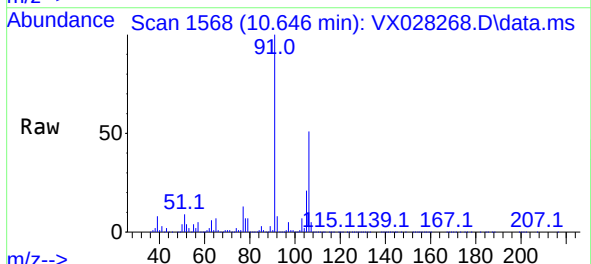
Tgt Ion:106 Resp: 3195310
Ion Ratio Lower Upper
106 100
91 181.3 160.4 240.6

Manual Integrations
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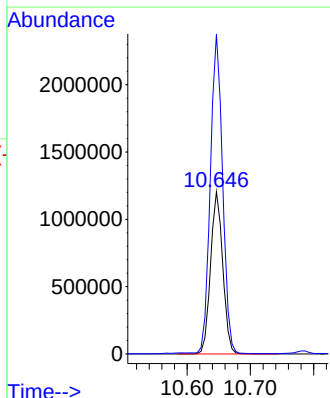
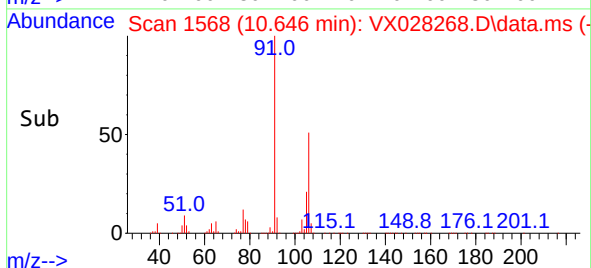
Reviewed By :John Carlone 04/22/2022
Supervised By :Semsettin Yesilyurt 04/22/2022

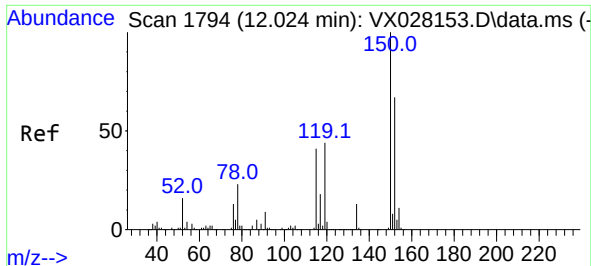


#69
o-Xylene
Concen: 141.833 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX028268.D
Acq: 22 Apr 2022 02:27



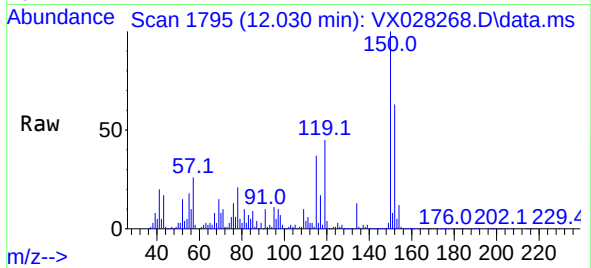
Tgt Ion:106 Resp: 1607316
Ion Ratio Lower Upper
106 100
91 198.7 106.1 318.1





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.030 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX028268.D
Acq: 22 Apr 2022 02:27

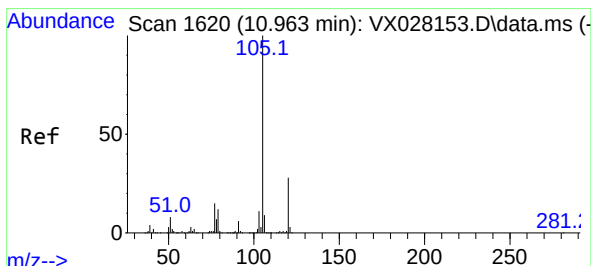
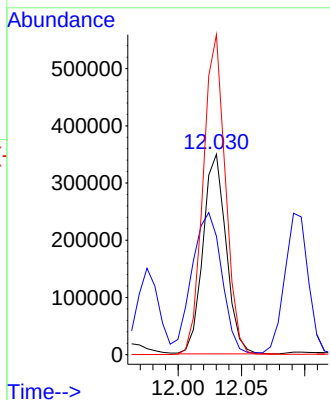
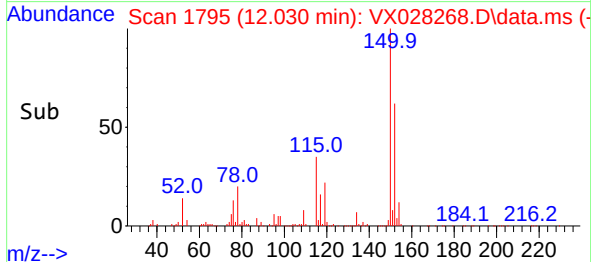
Instrument :
MSVOA_X
ClientSampleId :
WC-15-1-5



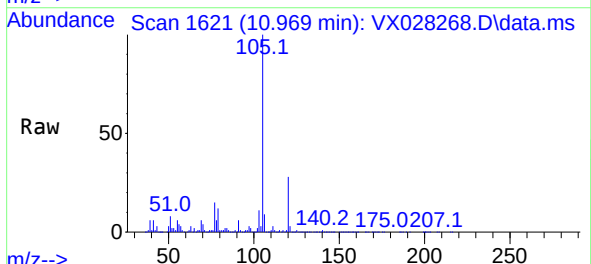
Tgt Ion:152 Resp: 444444
Ion Ratio Lower Upper
152 100
115 90.3 37.5 112.7
150 154.1 0.0 338.2

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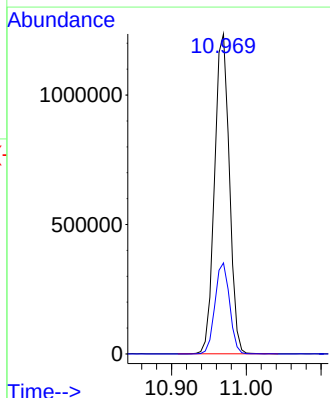
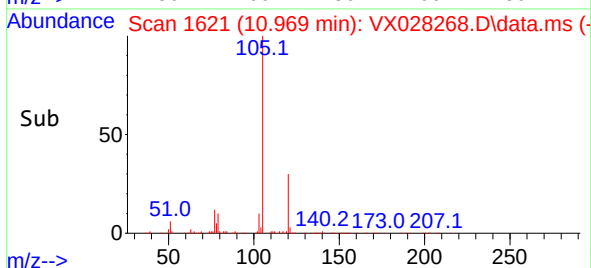
Reviewed By :John Carlone 04/22/2022
Supervised By :Semsettin Yesilyurt 04/22/2022

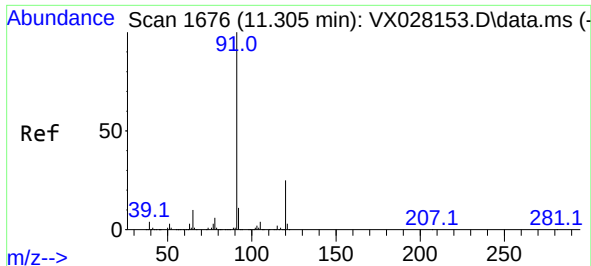


#73
Isopropylbenzene
Concen: 55.665 ug/l
RT: 10.969 min Scan# 1621
Delta R.T. 0.006 min
Lab File: VX028268.D
Acq: 22 Apr 2022 02:27



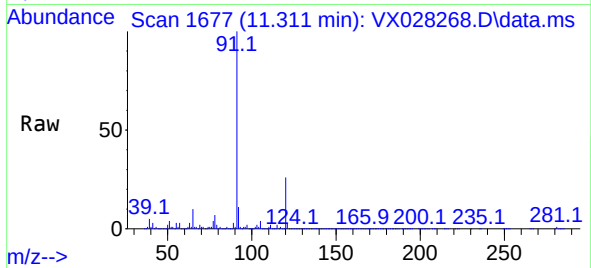
Tgt Ion:105 Resp: 1700468
Ion Ratio Lower Upper
105 100
120 28.1 13.5 40.5





#78
n-propylbenzene
Concen: 82.965 ug/l
RT: 11.311 min Scan# 10
Delta R.T. 0.006 min
Lab File: VX028268.D
Acq: 22 Apr 2022 02:27

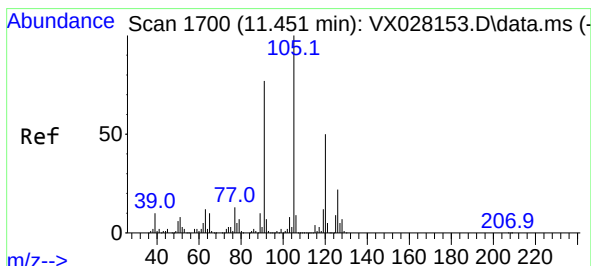
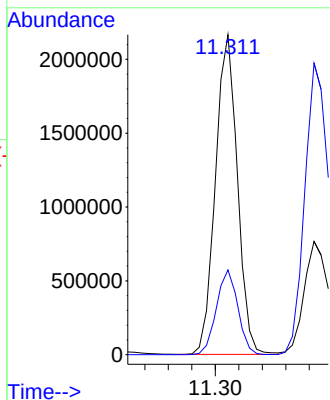
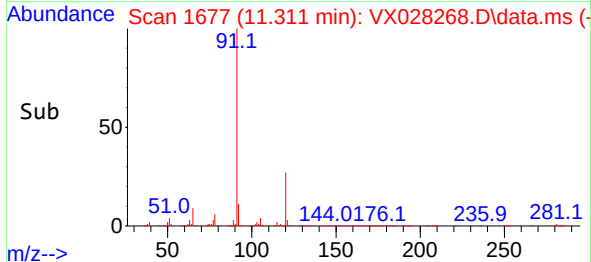
Instrument :
MSVOA_X
ClientSampleId :
WC-15-1-5



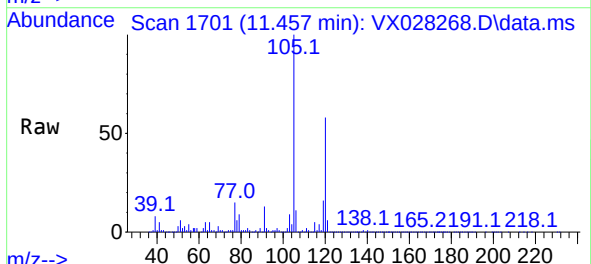
Tgt Ion: 91 Resp: 2810339
Ion Ratio Lower Upper
91 100
120 25.9 11.6 34.8

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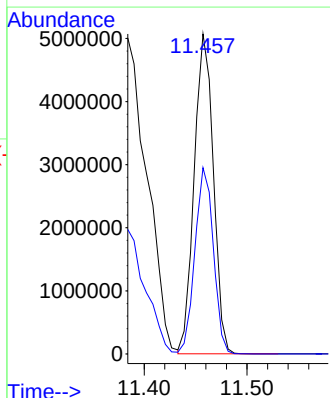
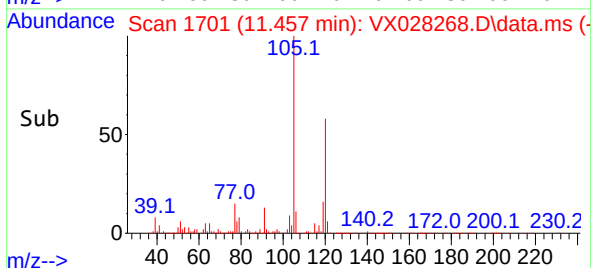
Reviewed By :John Carlone 04/22/2022
Supervised By :Semsettin Yesilyurt 04/22/2022

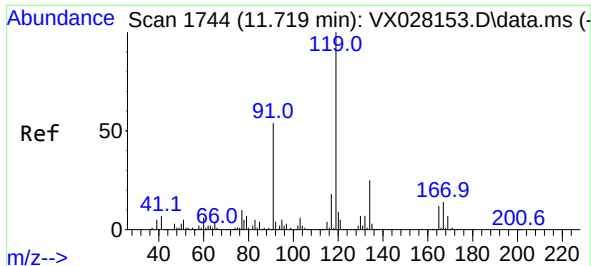


#80
1,3,5-Trimethylbenzene
Concen: 253.330 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX028268.D
Acq: 22 Apr 2022 02:27



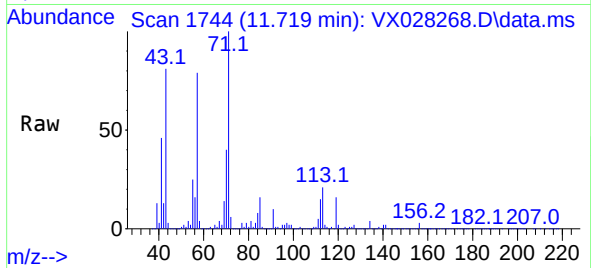
Tgt Ion:105 Resp: 6569135
Ion Ratio Lower Upper
105 100
120 56.2 24.3 72.9





#83
tert-Butylbenzene
Concen: 7.547 ug/l
RT: 11.719 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VX028268.D
Acq: 22 Apr 2022 02:27

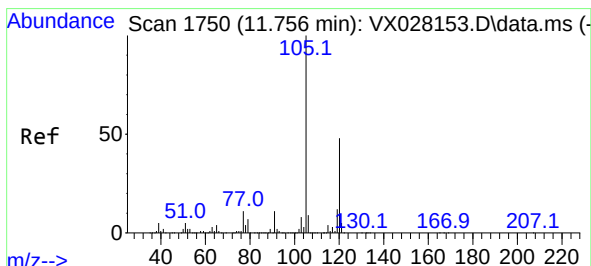
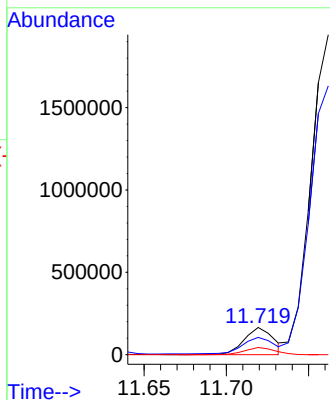
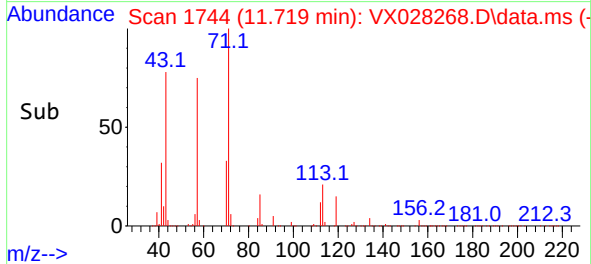
Instrument :
MSVOA_X
ClientSampleId :
WC-15-1-5



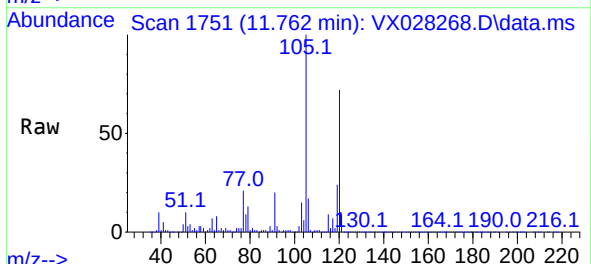
Tgt Ion:119 Resp: 199835
Ion Ratio Lower Upper
119 100
91 65.7 26.9 80.6
134 27.5 11.4 34.2

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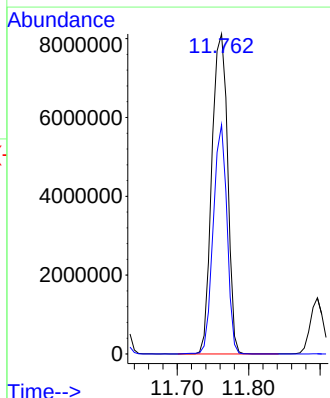
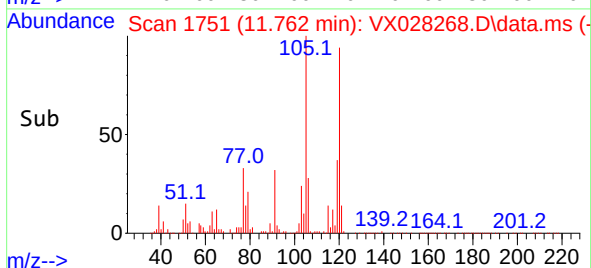
Reviewed By :John Carlone 04/22/2022
Supervised By :Semsettin Yesilyurt 04/22/2022

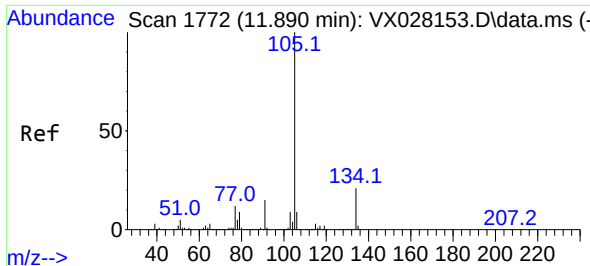


#84
1,2,4-Trimethylbenzene
Concen: 481.328 ug/l
RT: 11.762 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VX028268.D
Acq: 22 Apr 2022 02:27



Tgt Ion:105 Resp:12407088
Ion Ratio Lower Upper
105 100
120 62.5 22.6 67.8





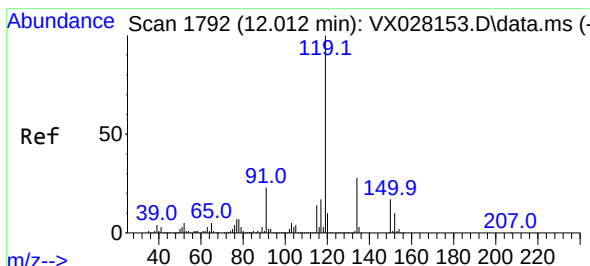
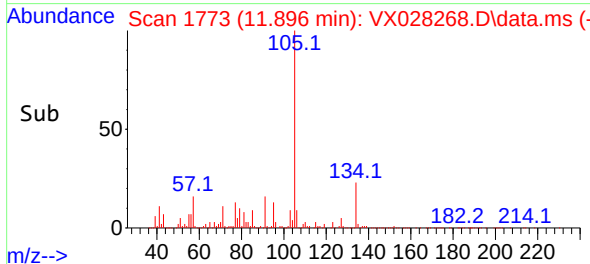
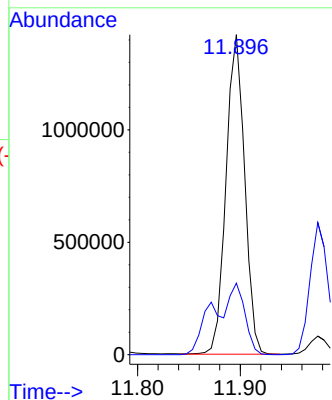
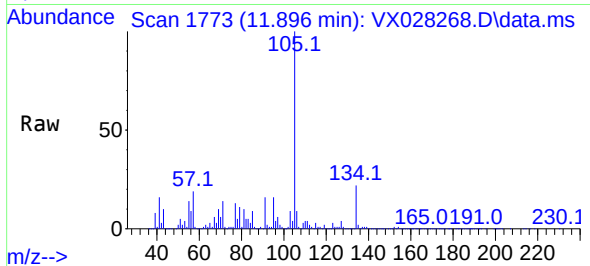
#85
 sec-Butylbenzene
 Concen: 55.819 ug/l
 RT: 11.896 min Scan# 1772
 Delta R.T. 0.006 min
 Lab File: VX028268.D
 Acq: 22 Apr 2022 02:27

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

Tgt Ion:105 Resp: 1783172
 Ion Ratio Lower Upper
 105 100
 134 19.4 10.2 30.4

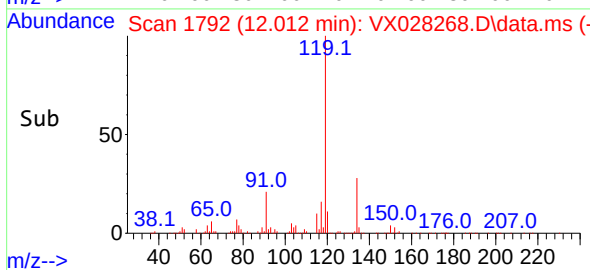
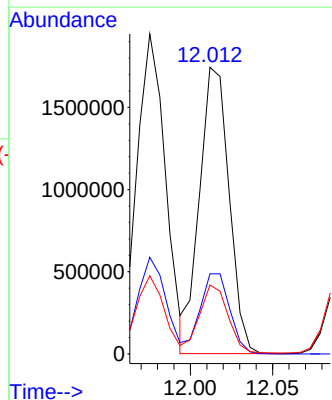
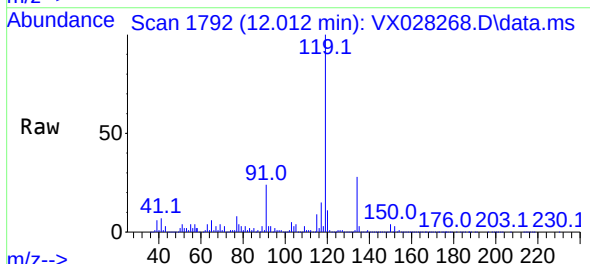
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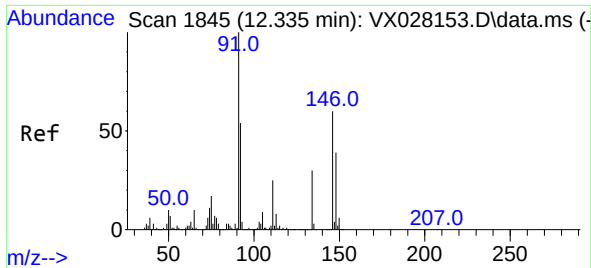
Reviewed By :John Carlone 04/22/2022
 Supervised By :Semsettin Yesilyurt 04/22/2022



#86
 p-Isopropyltoluene
 Concen: 79.064 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX028268.D
 Acq: 22 Apr 2022 02:27

Tgt Ion:119 Resp: 2178963
 Ion Ratio Lower Upper
 119 100
 134 28.3 13.0 39.0
 91 22.8 11.3 33.9





#89

n-Butylbenzene

Concen: 84.513 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX028268.D

Acq: 22 Apr 2022 02:27

Instrument :

MSVOA_X

ClientSampleId :

WC-15-1-5

Tgt Ion: 91 Resp: 191249

Ion Ratio Lower Upper

91 100

92 36.0 27.8 83.3

134 105.3 13.3 39.8

Manual Integrations

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Reviewed By :John Carlone 04/22/2022

Supervised By :Semsettin Yesilyurt 04/22/2022

