

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022422\
 Data File : VX027176.D
 Acq On : 24 Feb 2022 17:36
 Operator : JC/MD
 Sample : N1584-07ME
 Misc : 5.35g/5.0mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 D13-7.5ME

Quant Time: Feb 25 00:06:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 23 13:06:57 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/25/2022
 Supervised By : Mahesh Dadoda 02/25/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	87782	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	143114	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	131419	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	66373	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	50747	48.135	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.260%		
35) Dibromofluoromethane	5.397	113	41512	46.730	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.460%		
50) Toluene-d8	8.653	98	165085	49.701	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.400%		
62) 4-Bromofluorobenzene	11.085	95	67284	52.772	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	105.540%		
Target Compounds					Qvalue	
31) Cyclohexane	5.495	56	7175	4.544	ug/l #	51
39) Methylcyclohexane	7.373	83	9533	5.911	ug/l	98
52) Toluene	8.720	92	13010	5.359	ug/l	100
67) Ethyl Benzene	10.195	91	28275	6.012	ug/l	99
68) m/p-Xylenes	10.305	106	31304	17.315	ug/l	99
69) o-Xylene	10.646	106	10374	5.717	ug/l	98
73) Isopropylbenzene	10.963	105	11553	2.433	ug/l	99
78) n-propylbenzene	11.305	91	29795	5.520	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	27258	6.825	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	71536	18.008	ug/l	94
85) sec-Butylbenzene	11.890	105	4544	0.933	ug/l	93
86) p-Isopropyltoluene	12.012	119	1446m	0.348	ug/l	
95) Naphthalene	13.780	128	14199	3.044	ug/l	98

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

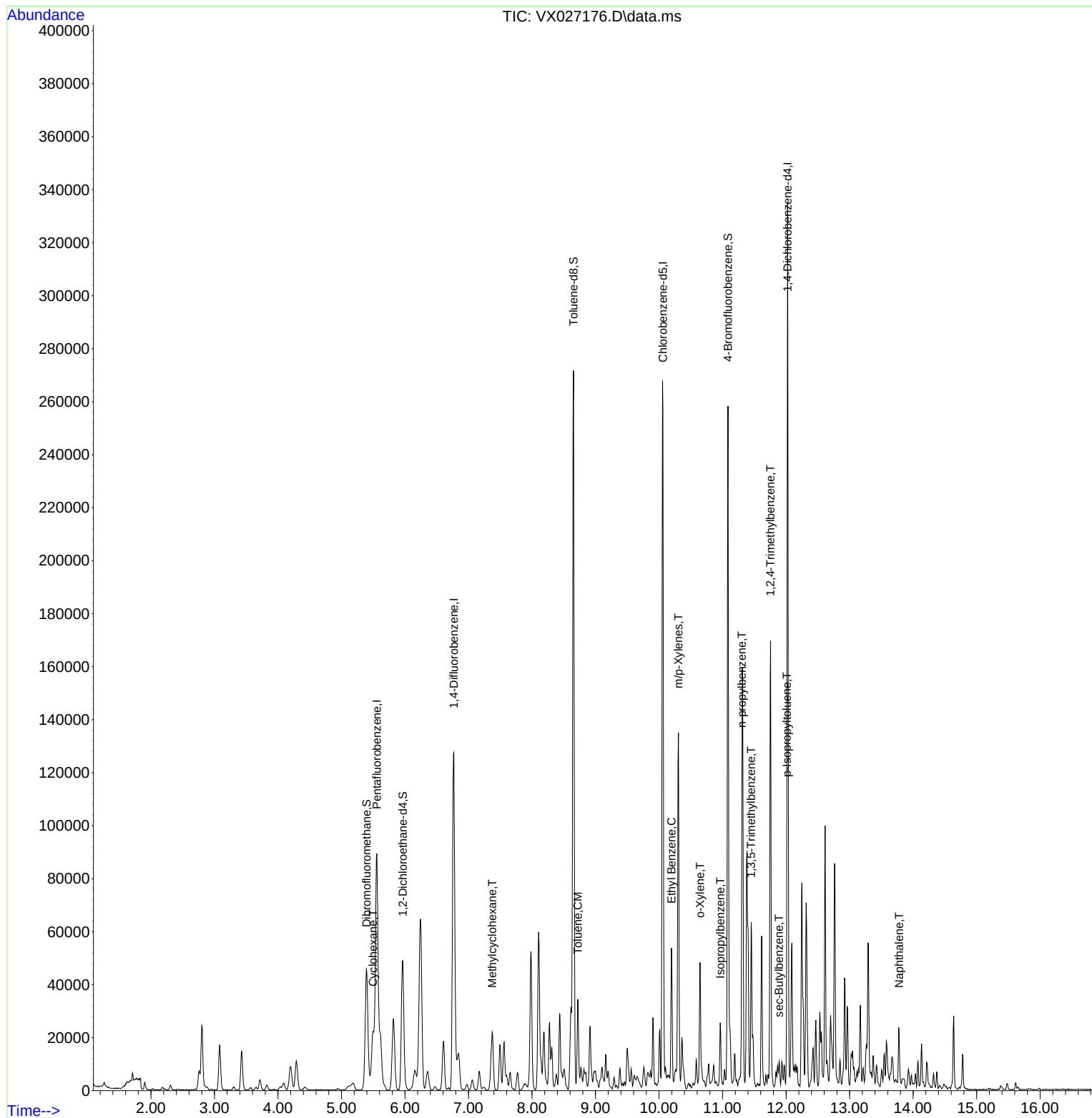
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022422\
Data File : VX027176.D
Acq On : 24 Feb 2022 17:36
Operator : JC/MD
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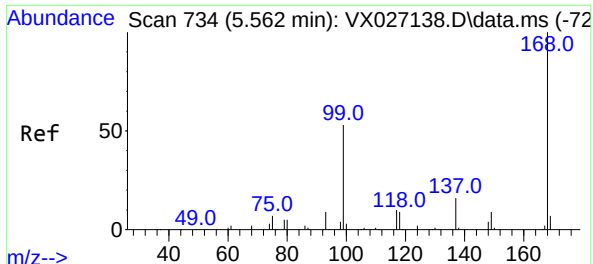
Instrument :
MSVOA_X
ClientSampleId :
D13-7.5ME

Quant Time: Feb 25 00:06:08 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 23 13:06:57 2022
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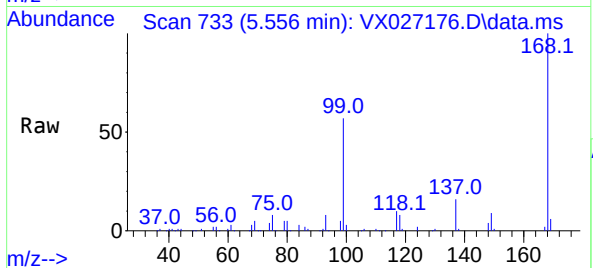
Reviewed By : John Carlone 02/25/2022
Supervised By : Mahesh Dadoda 02/25/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.006 min
Lab File: VX027176.D
Acq: 24 Feb 2022 17:36

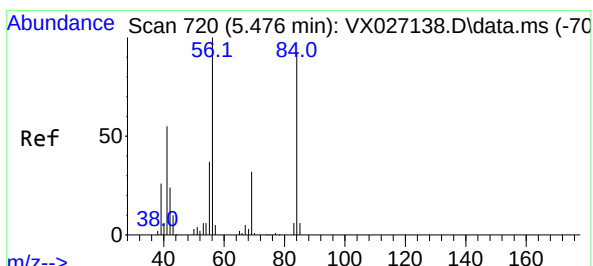
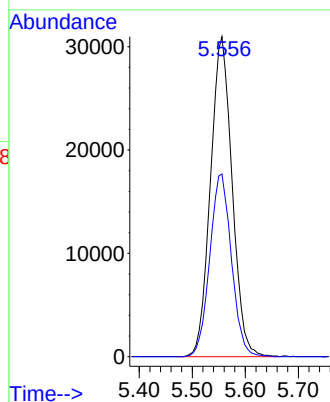
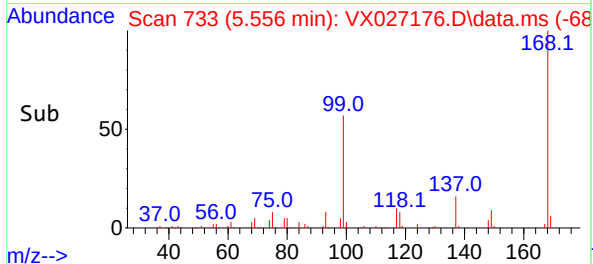
Instrument :
MSVOA_X
ClientSampleId :
D13-7.5ME



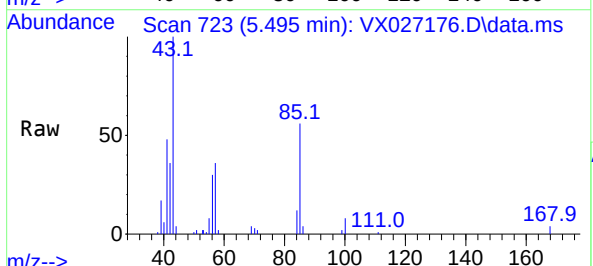
Tgt Ion:168 Resp: 8778
Ion Ratio Lower Upper
168 100
99 57.1 50.3 75.5

Manual Integrations
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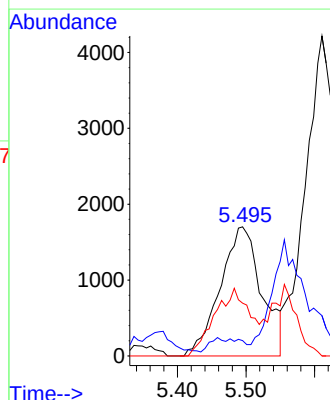
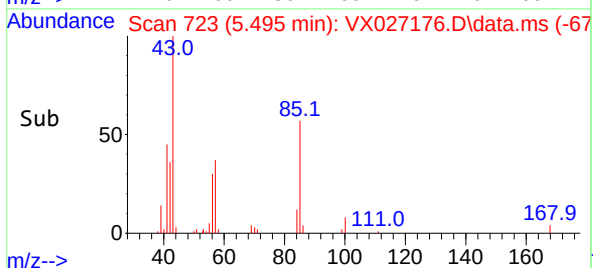
Reviewed By :John Carlone 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022

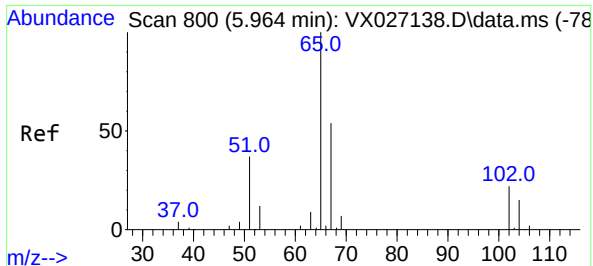


#31
Cyclohexane
Concen: 4.544 ug/l
RT: 5.495 min Scan# 723
Delta R.T. 0.019 min
Lab File: VX027176.D
Acq: 24 Feb 2022 17:36



Tgt Ion: 56 Resp: 7175
Ion Ratio Lower Upper
56 100
69 5.6 25.8 38.6#
84 40.9 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 48.135 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX027176.D

Acq: 24 Feb 2022 17:36

Instrument :

MSVOA_X

ClientSampleId :

D13-7.5ME

Tgt Ion: 65 Resp: 5074

Ion Ratio Lower Upper

65 100

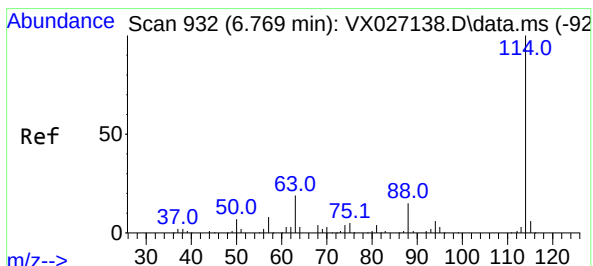
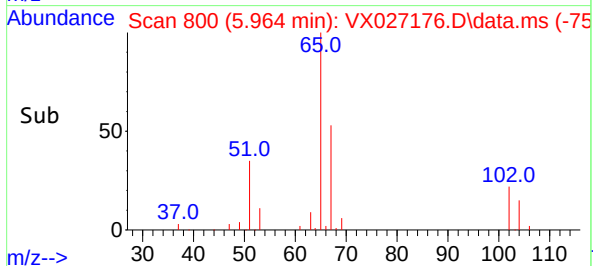
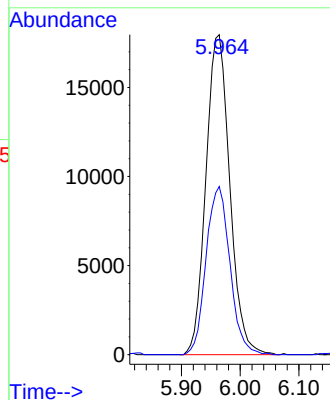
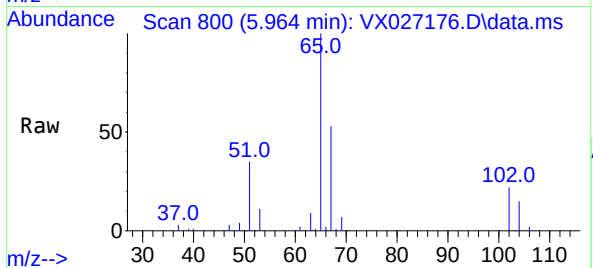
67 52.5 0.0 100.8

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX027176.D

Acq: 24 Feb 2022 17:36

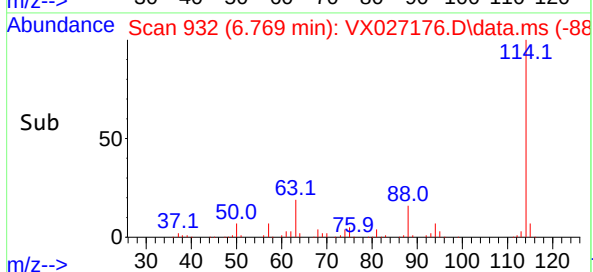
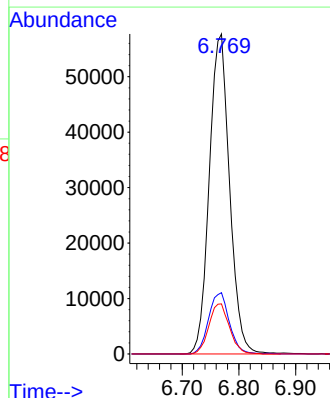
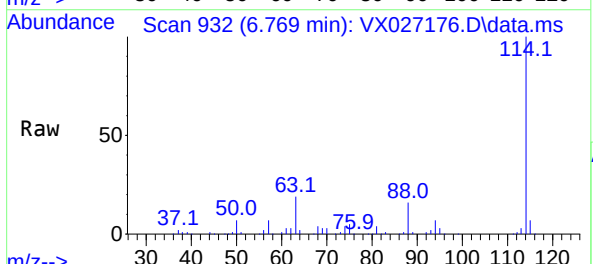
Tgt Ion:114 Resp: 143114

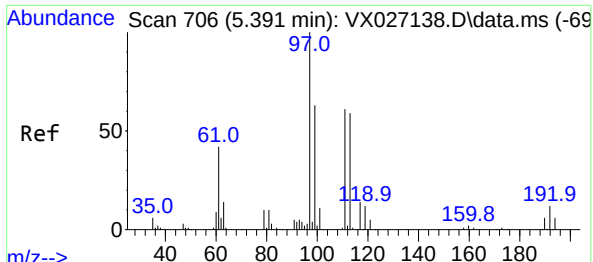
Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.8

88 15.6 0.0 33.0





#35

Dibromofluoromethane

Concen: 46.730 ug/l

RT: 5.397 min Scan# 706

Delta R.T. 0.006 min

Lab File: VX027176.D

Acq: 24 Feb 2022 17:36

Instrument :

MSVOA_X

ClientSampleId :

D13-7.5ME

Tgt Ion:113 Resp: 4151

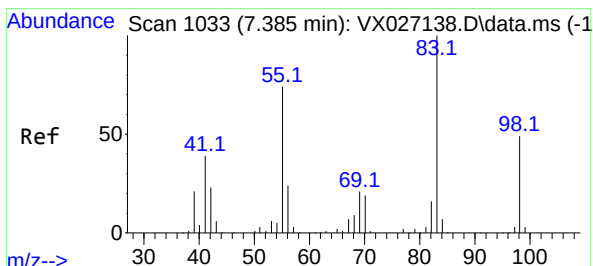
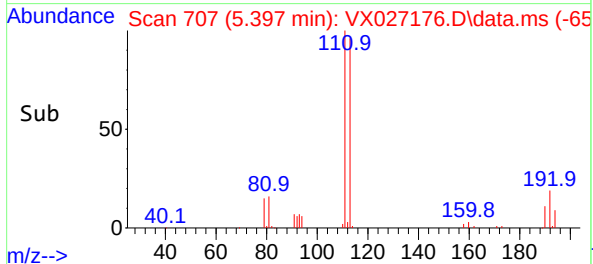
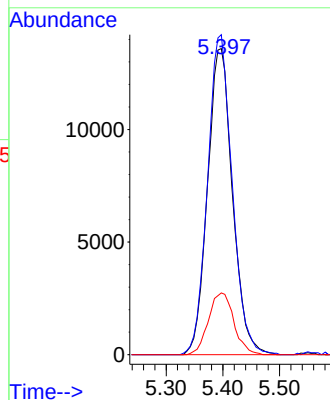
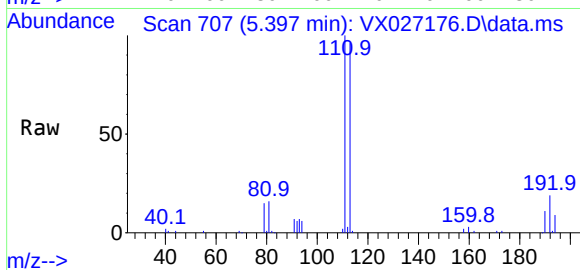
Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.2	121.8
192	20.6	15.0	22.4

Manual Integrations

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#39

Methylcyclohexane

Concen: 5.911 ug/l

RT: 7.373 min Scan# 1031

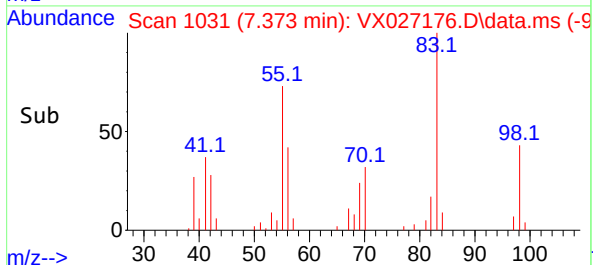
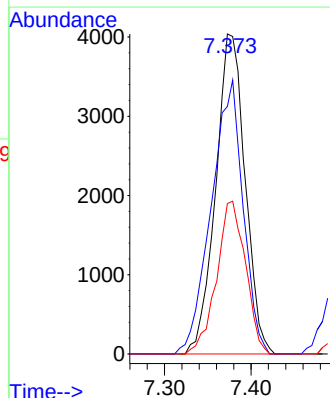
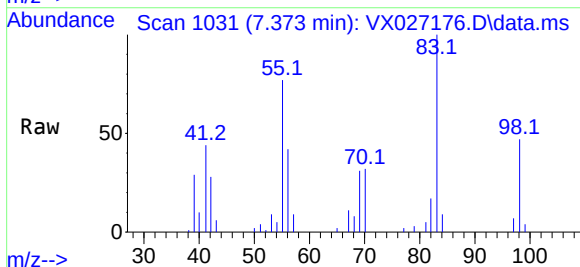
Delta R.T. -0.012 min

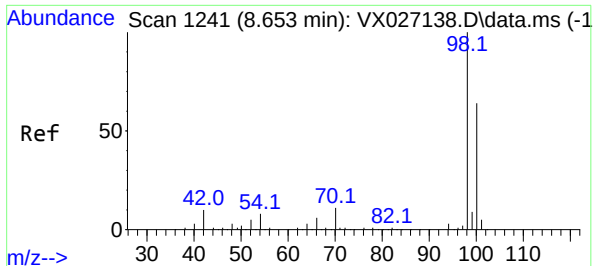
Lab File: VX027176.D

Acq: 24 Feb 2022 17:36

Tgt Ion: 83 Resp: 9533

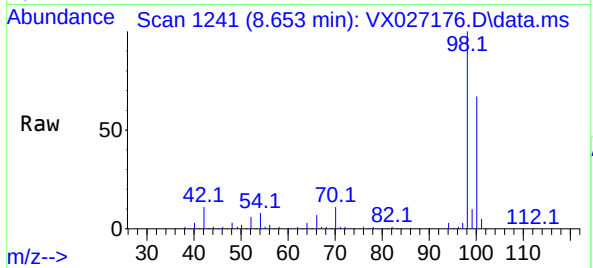
Ion	Ratio	Lower	Upper
83	100		
55	77.3	63.6	95.4
98	47.0	38.4	57.6





#50
Toluene-d8
Concen: 49.701 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX027176.D
Acq: 24 Feb 2022 17:36

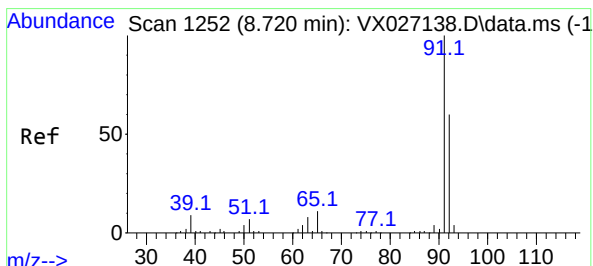
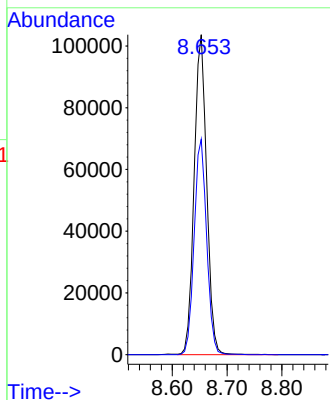
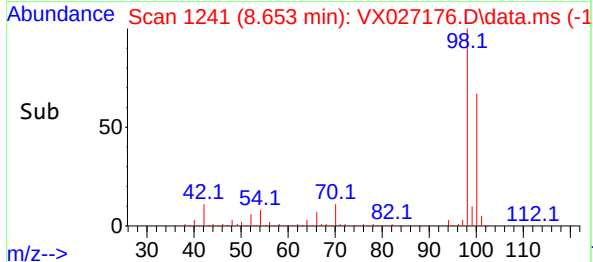
Instrument :
MSVOA_X
ClientSampleId :
D13-7.5ME



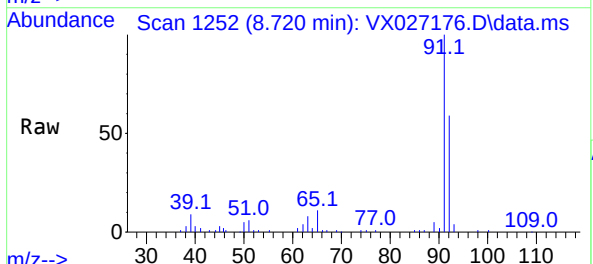
Tgt Ion: 98 Resp: 16508
Ion Ratio Lower Upper
98 100
100 67.1 53.2 79.8

Manual Integrations
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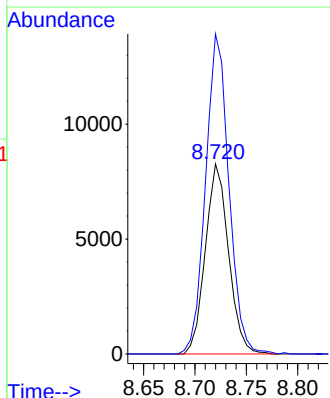
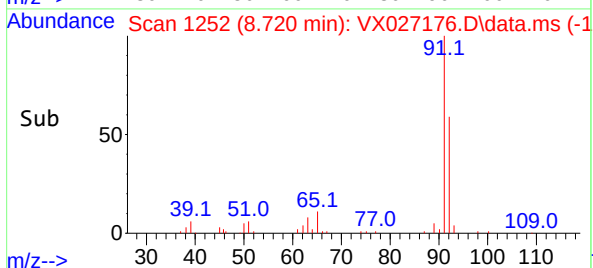
Reviewed By :John Carlone 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022

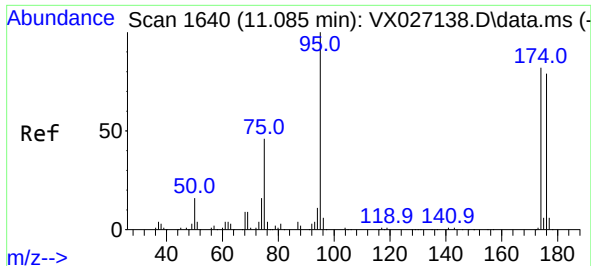


#52
Toluene
Concen: 5.359 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX027176.D
Acq: 24 Feb 2022 17:36



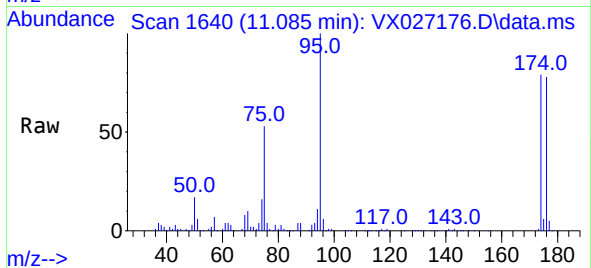
Tgt Ion: 92 Resp: 13010
Ion Ratio Lower Upper
92 100
91 169.1 135.7 203.5





#62
4-Bromofluorobenzene
Concen: 52.772 ug/l
RT: 11.085 min Scan# 110
Delta R.T. 0.000 min
Lab File: VX027176.D
Acq: 24 Feb 2022 17:36

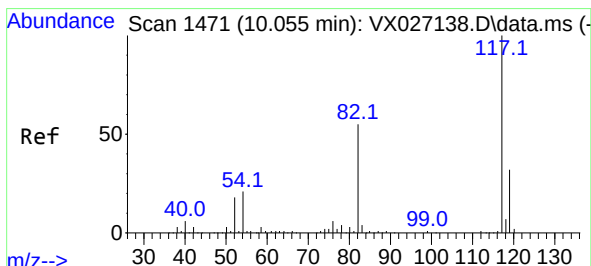
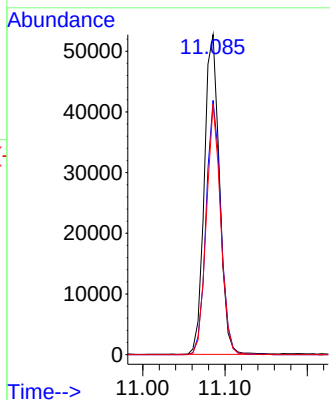
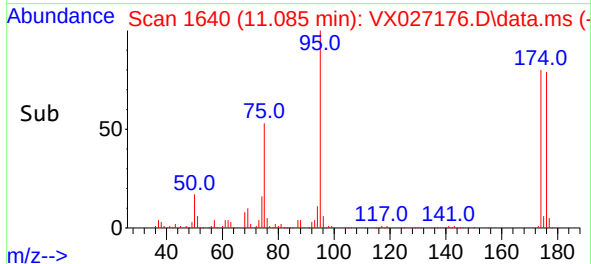
Instrument :
MSVOA_X
ClientSampleId :
D13-7.5ME



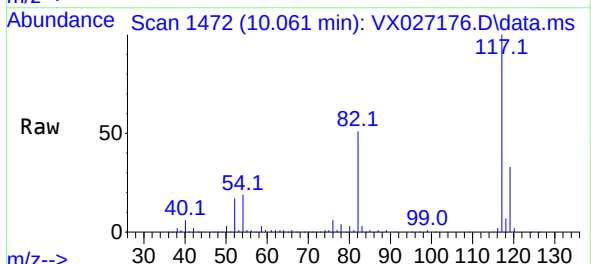
Tgt Ion: 95 Resp: 67284
Ion Ratio Lower Upper
95 100
174 77.4 0.0 148.6
176 74.0 0.0 141.4

Manual Integrations
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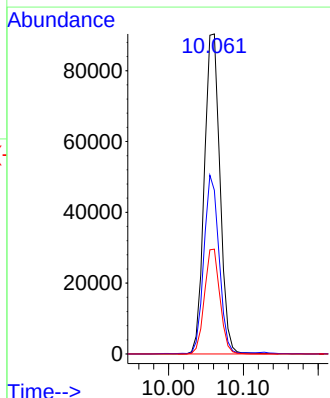
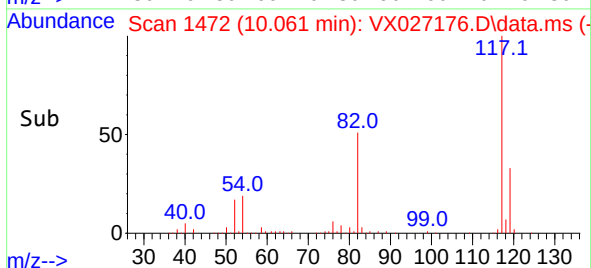
Reviewed By :John Carlone 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022

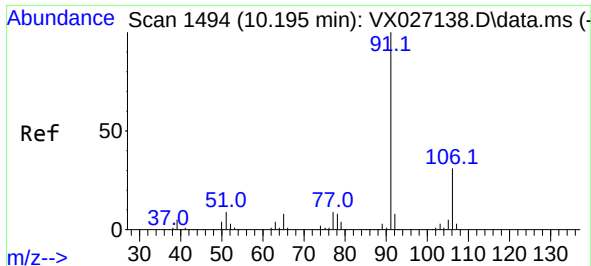


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX027176.D
Acq: 24 Feb 2022 17:36



Tgt Ion:117 Resp: 131419
Ion Ratio Lower Upper
117 100
82 51.0 45.2 67.8
119 32.7 26.2 39.2





#67

Ethyl Benzene

Concen: 6.012 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX027176.D

Acq: 24 Feb 2022 17:36

Instrument :

MSVOA_X

ClientSampleId :

D13-7.5ME

Tgt Ion: 91 Resp: 2827

Ion Ratio Lower Upper

91 100

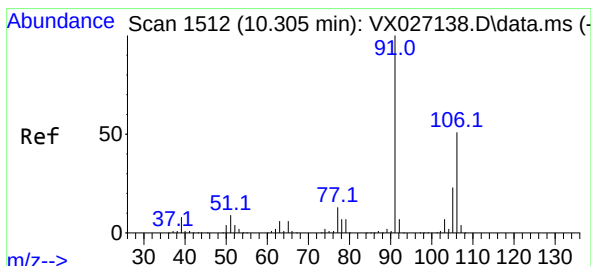
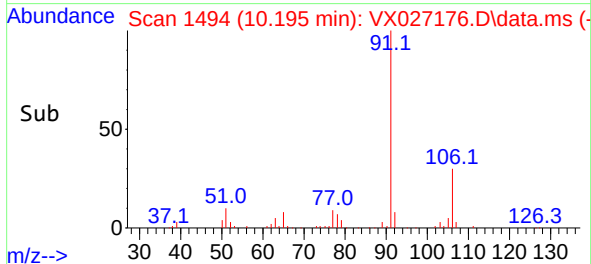
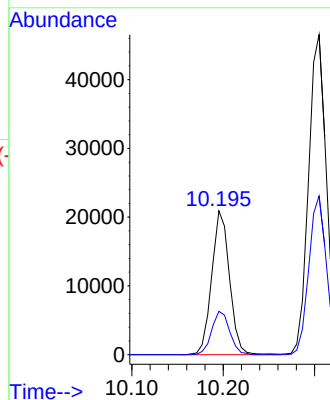
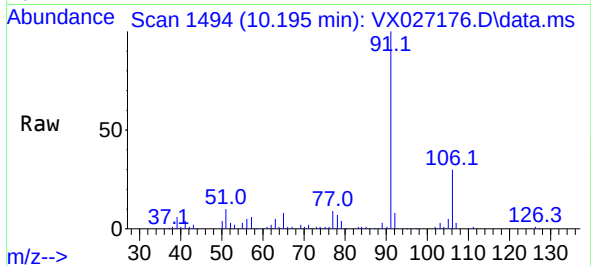
106 30.2 24.7 37.1

Manual Integrations

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Reviewed By :John Carlone 02/25/2022

Supervised By :Mahesh Dadoda 02/25/2022



#68

m/p-Xylenes

Concen: 17.315 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VX027176.D

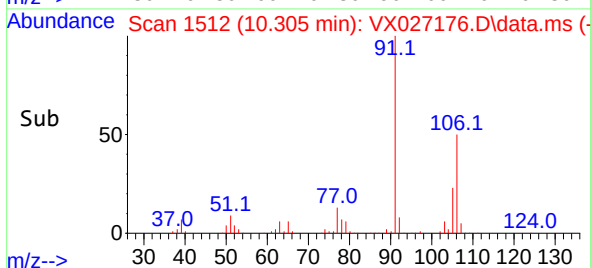
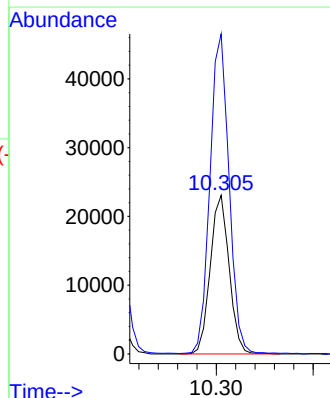
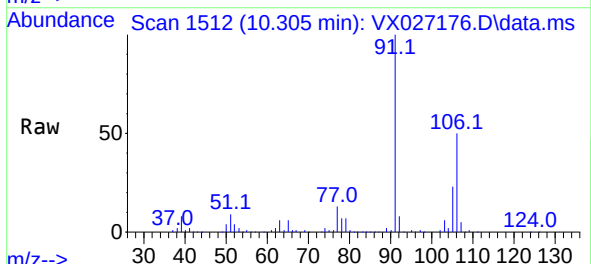
Acq: 24 Feb 2022 17:36

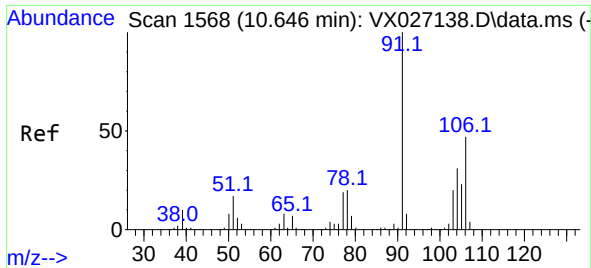
Tgt Ion:106 Resp: 31304

Ion Ratio Lower Upper

106 100

91 204.5 165.3 247.9





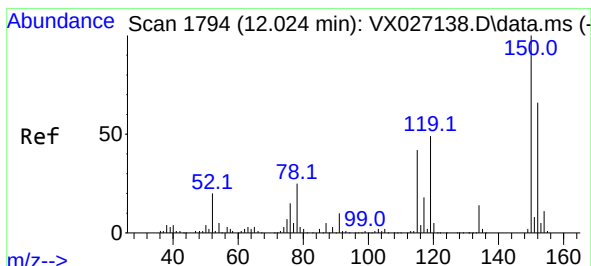
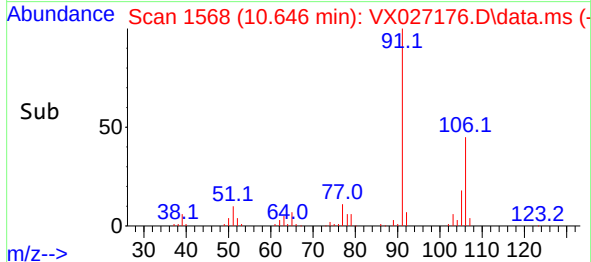
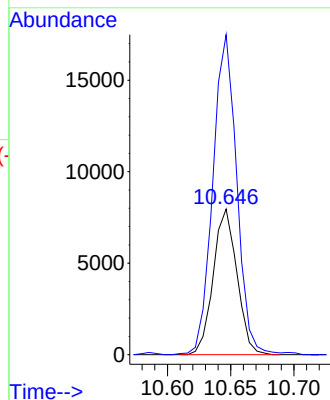
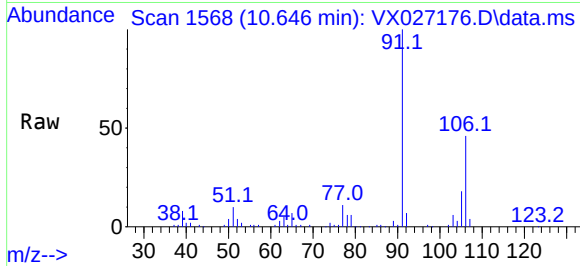
#69
o-Xylene
Concen: 5.717 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027176.D
Acq: 24 Feb 2022 17:36

Instrument :
MSVOA_X
ClientSampleId :
D13-7.5ME

Tgt Ion:106 Resp: 10374
Ion Ratio Lower Upper
106 100
91 221.9 109.7 329.0

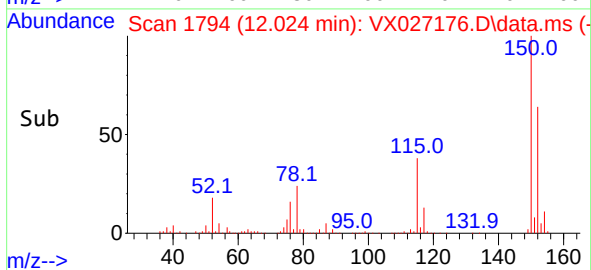
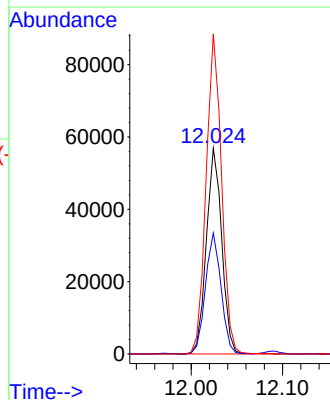
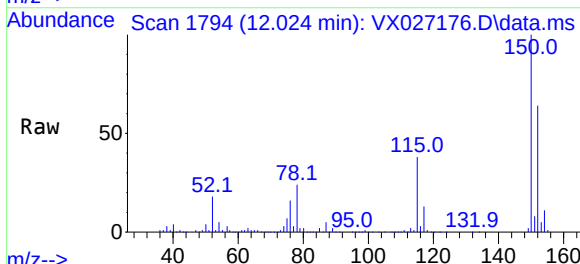
Manual Integrations
APPROVED

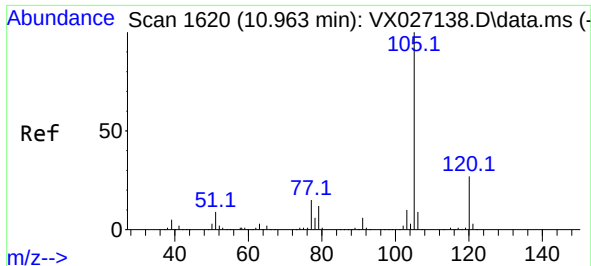
Reviewed By :John Carlone 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027176.D
Acq: 24 Feb 2022 17:36

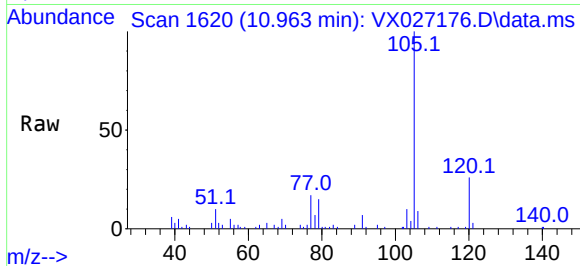
Tgt Ion:152 Resp: 66373
Ion Ratio Lower Upper
152 100
115 59.4 44.2 132.6
150 155.4 0.0 348.2





#73
Isopropylbenzene
Concen: 2.433 ug/l
RT: 10.963 min Scan# 105
Delta R.T. 0.000 min
Lab File: VX027176.D
Acq: 24 Feb 2022 17:36

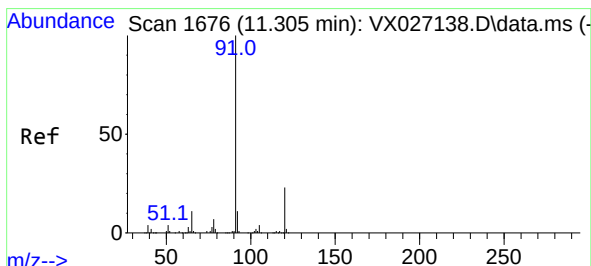
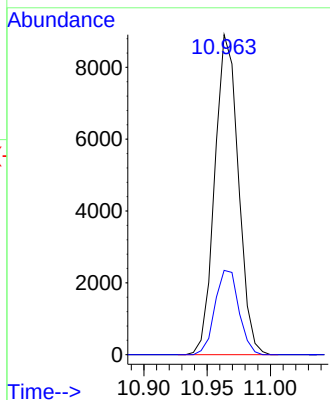
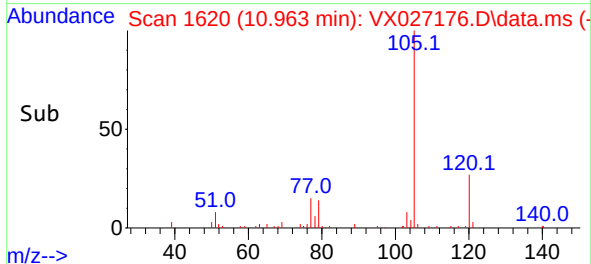
Instrument :
MSVOA_X
ClientSampleId :
D13-7.5ME



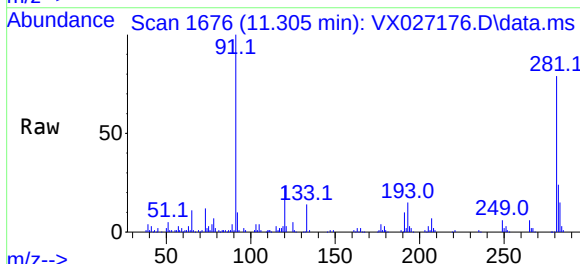
Tgt Ion:105 Resp: 1155
Ion Ratio Lower Upper
105 100
120 26.6 13.1 39.1

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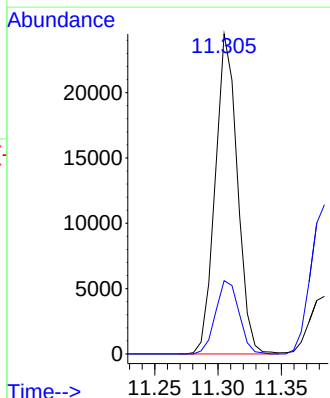
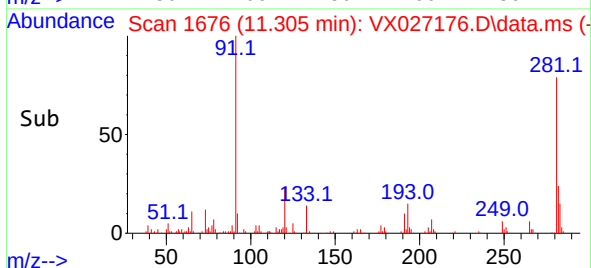
Reviewed By :John Carlone 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022

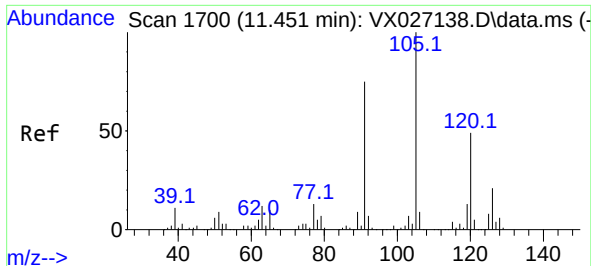


#78
n-propylbenzene
Concen: 5.520 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX027176.D
Acq: 24 Feb 2022 17:36



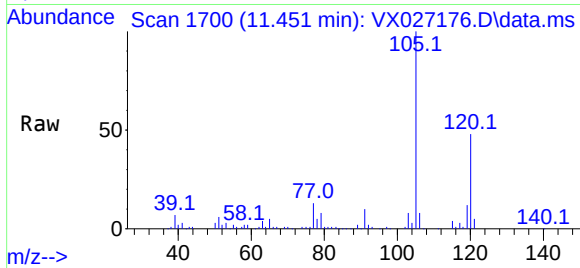
Tgt Ion: 91 Resp: 29795
Ion Ratio Lower Upper
91 100
120 24.2 11.6 34.7





#80
1,3,5-Trimethylbenzene
Concen: 6.825 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX027176.D
Acq: 24 Feb 2022 17:36

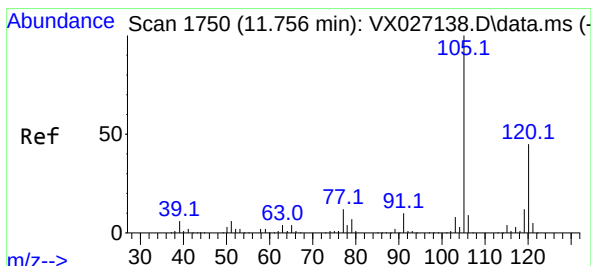
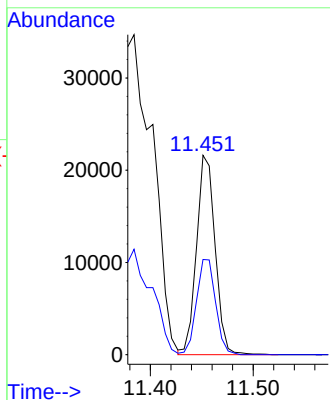
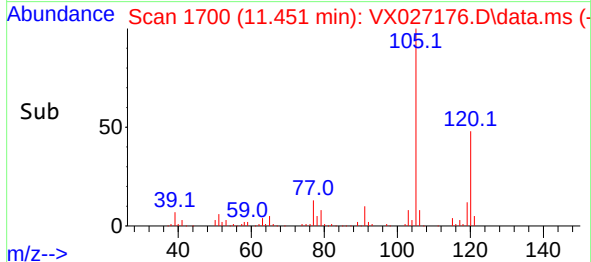
Instrument :
MSVOA_X
ClientSampleId :
D13-7.5ME



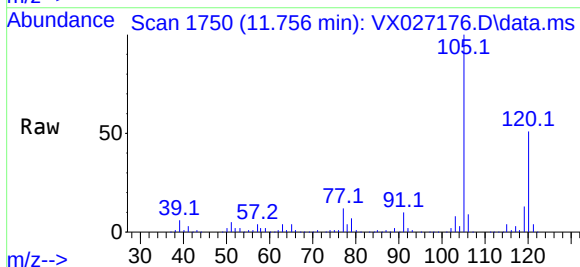
Tgt Ion:105 Resp: 2725
Ion Ratio Lower Upper
105 100
120 49.1 24.0 72.0

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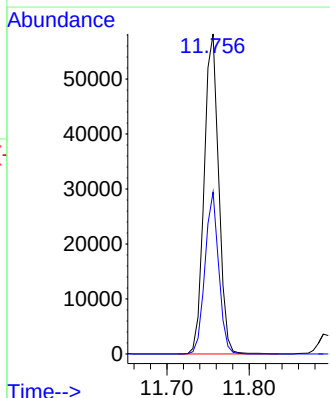
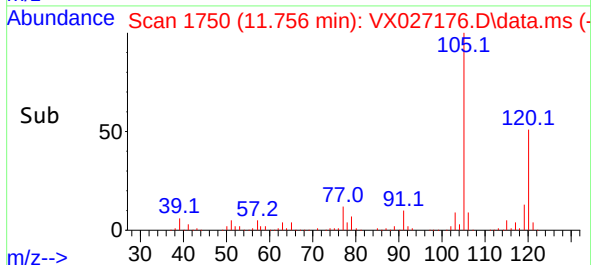
Reviewed By :John Carlone 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022

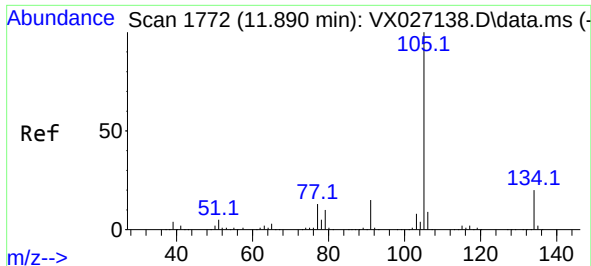


#84
1,2,4-Trimethylbenzene
Concen: 18.008 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX027176.D
Acq: 24 Feb 2022 17:36



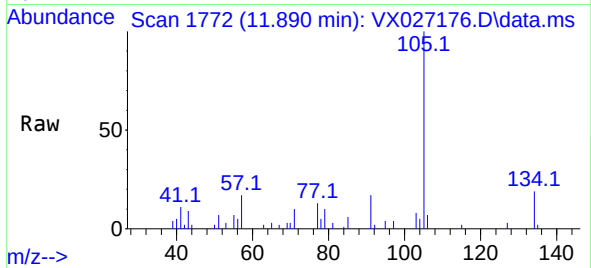
Tgt Ion:105 Resp: 71536
Ion Ratio Lower Upper
105 100
120 47.6 21.9 65.5





#85
 sec-Butylbenzene
 Concen: 0.933 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX027176.D
 Acq: 24 Feb 2022 17:36

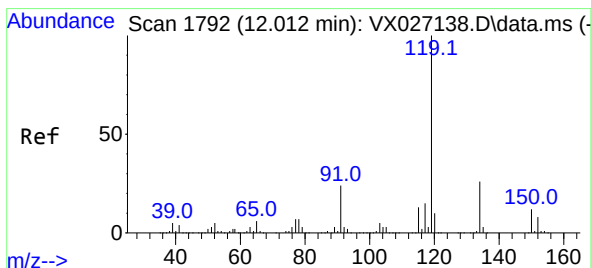
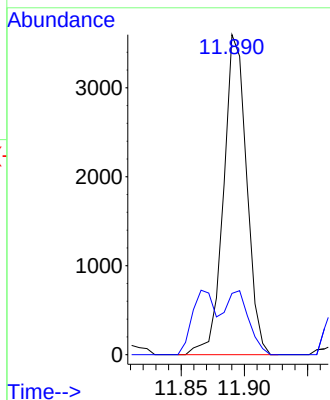
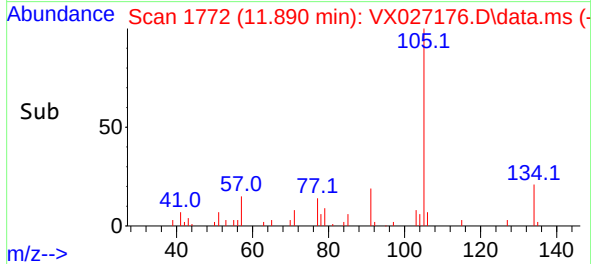
Instrument :
 MSVOA_X
 ClientSampleId :
 D13-7.5ME



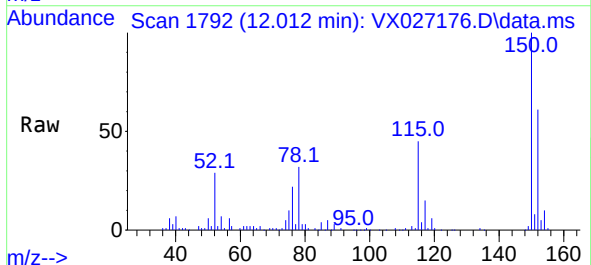
Tgt Ion:105 Resp: 4544
 Ion Ratio Lower Upper
 105 100
 134 17.0 10.1 30.1

Manual Integrations
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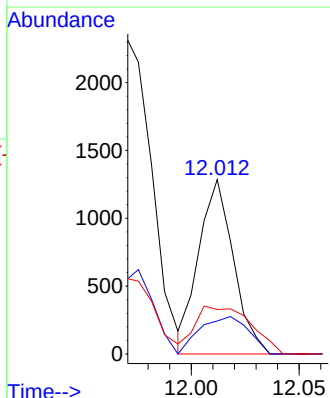
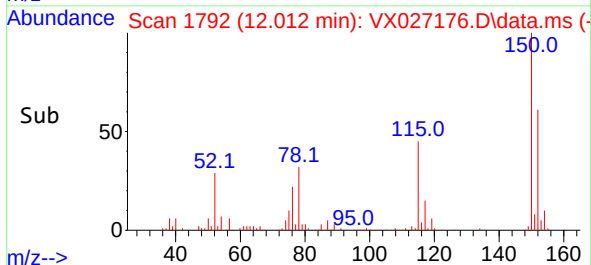
Reviewed By :John Carlone 02/25/2022
 Supervised By :Mahesh Dadoda 02/25/2022

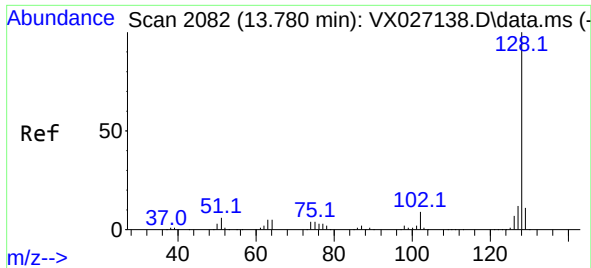


#86
 p-Isopropyltoluene
 Concen: 0.348 ug/l m
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX027176.D
 Acq: 24 Feb 2022 17:36



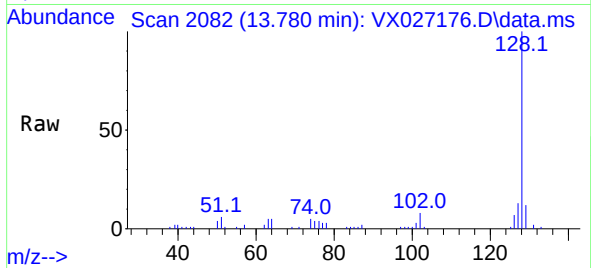
Tgt Ion:119 Resp: 1446
 Ion Ratio Lower Upper
 119 100
 134 51.0 13.0 39.0#
 91 54.2 12.6 37.6#





#95
Naphthalene
Concen: 3.044 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX027176.D
Acq: 24 Feb 2022 17:36

Instrument :
MSVOA_X
ClientSampleId :
D13-7.5ME



Tgt Ion:128 Resp: 14199
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 12.7 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022

