

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022422\
 Data File : VX027173.D
 Acq On : 24 Feb 2022 16:26
 Operator : JC/MD
 Sample : N1576-01
 Misc : 4.93g/5.0mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PE-4

Quant Time: Feb 25 00:05:19 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	92056	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	148865	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	130787	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	65107	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	52337	47.338	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.680%		
35) Dibromofluoromethane	5.391	113	43421	46.991	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.980%		
50) Toluene-d8	8.653	98	170644	49.390	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.780%		
62) 4-Bromofluorobenzene	11.085	95	65142	49.118	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.240%		
Target Compounds					Qvalue	
31) Cyclohexane	5.495	56	62642	37.832	ug/l #	47
39) Methylcyclohexane	7.379	83	114927	68.510	ug/l	99
52) Toluene	8.720	92	7623	3.019	ug/l	97
67) Ethyl Benzene	10.195	91	510837	109.149	ug/l	99
68) m/p-Xylenes	10.305	106	971371	539.875	ug/l	95
69) o-Xylene	10.647	106	269969	149.500	ug/l	97
73) Isopropylbenzene	10.964	105	145958	31.329	ug/l	99
78) n-propylbenzene	11.305	91	630524	119.077	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	1036429	264.568	ug/l	98
82) 4-Chlorotoluene	11.457	91	110709	29.867	ug/l #	46
84) 1,2,4-Trimethylbenzene	11.762	105	3039756	780.094	ug/l	95
86) p-Isopropyltoluene	12.012	119	38412m	9.434	ug/l	
95) Naphthalene	13.780	128	415935	90.916	ug/l	99

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

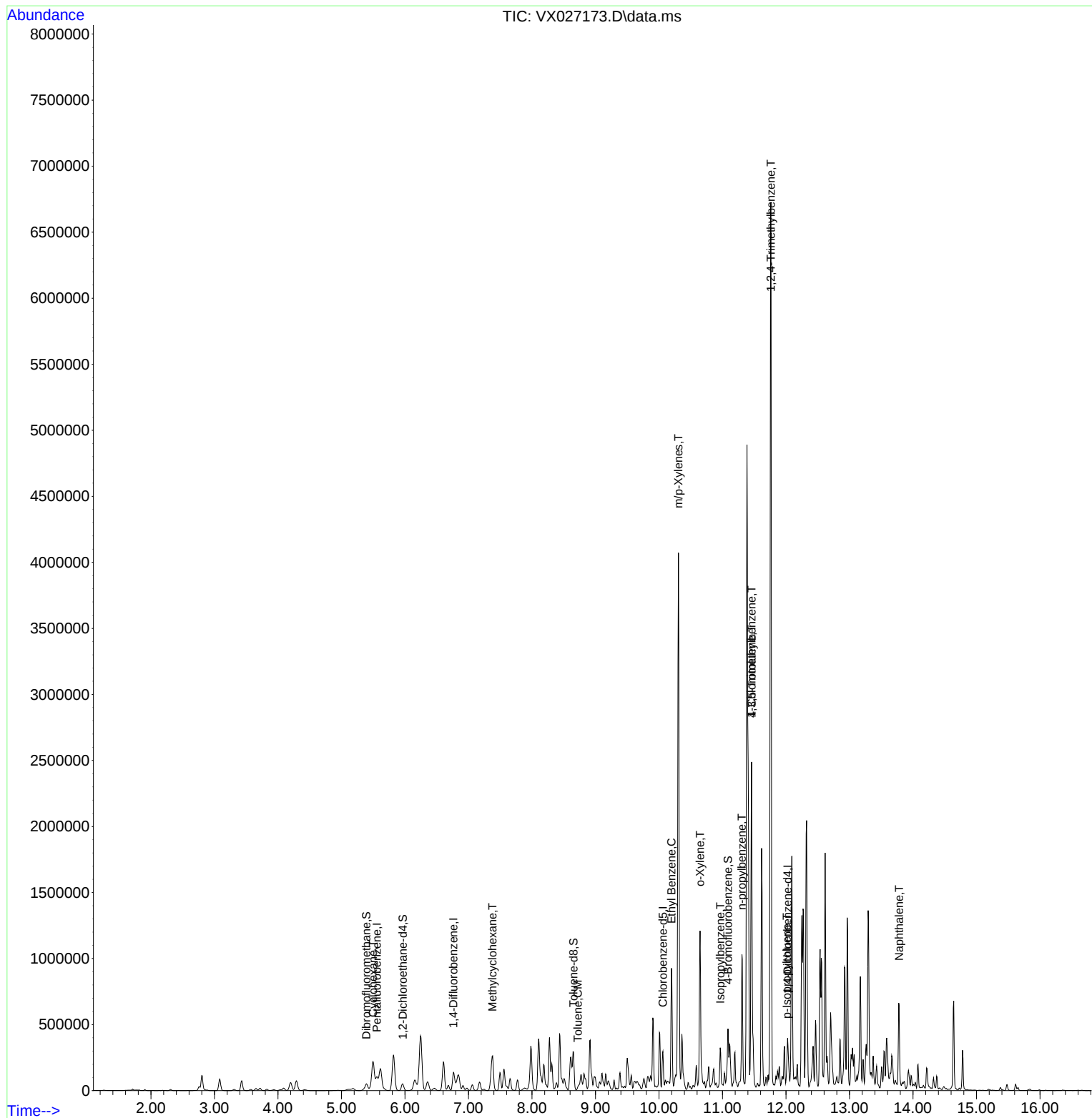
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022422\
Data File : VX027173.D
Acq On : 24 Feb 2022 16:26
Operator : JC/MD
Sample : N1576-01
Misc : 4.93g/5.0mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 15 Sample Multiplier: 1

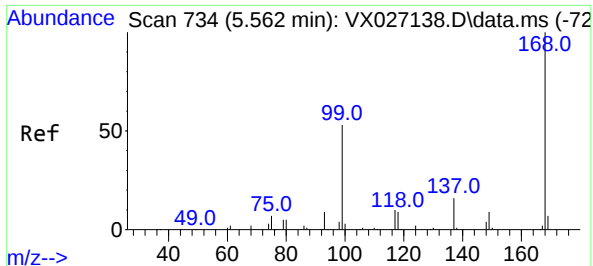
Instrument :
MSVOA_X
ClientSampleId :
PE-4

Manual Integrations
APPROVED

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

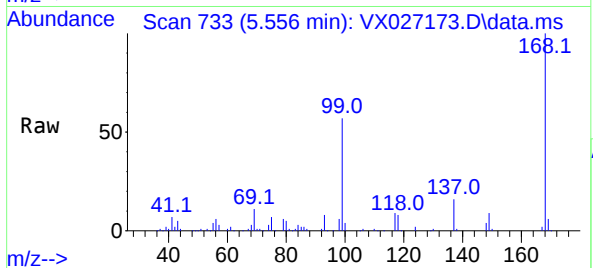
Quant Time: Feb 25 00:05:19 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 23 13:06:57 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.006 min
Lab File: VX027173.D
Acq: 24 Feb 2022 16:26

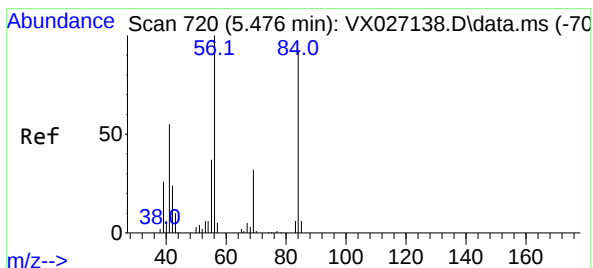
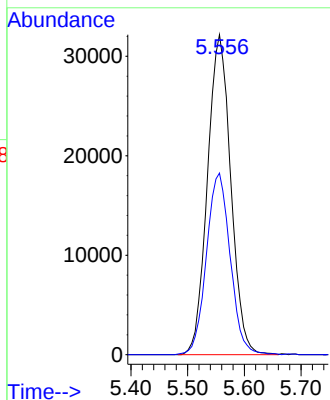
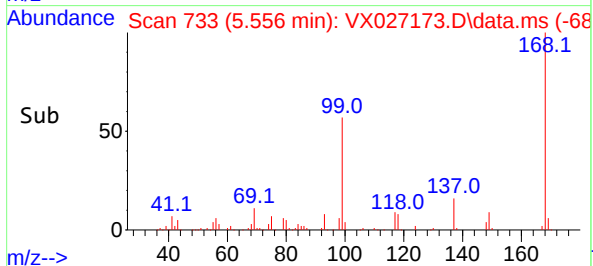
Instrument :
MSVOA_X
ClientSampleId :
PE-4



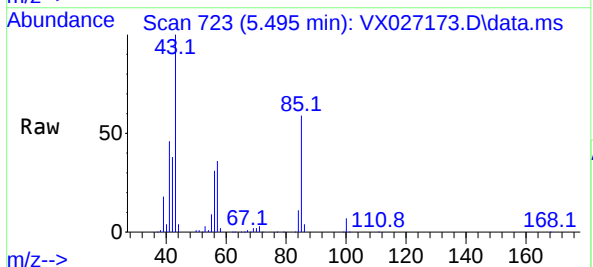
Tgt Ion:168 Resp: 92056
Ion Ratio Lower Upper
168 100
99 56.6 50.3 75.5

Manual Integrations
APPROVED

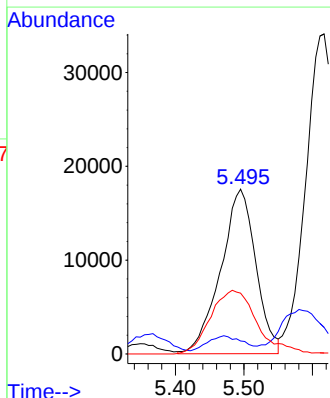
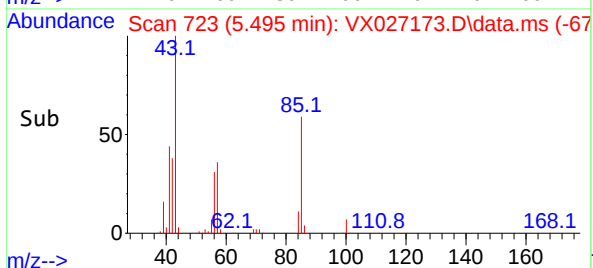
Reviewed By :John Carlone 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022

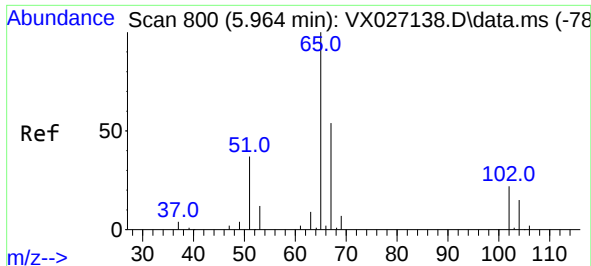


#31
Cyclohexane
Concen: 37.832 ug/l
RT: 5.495 min Scan# 723
Delta R.T. 0.019 min
Lab File: VX027173.D
Acq: 24 Feb 2022 16:26



Tgt Ion: 56 Resp: 62642
Ion Ratio Lower Upper
56 100
69 3.7 25.8 38.6#
84 37.1 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 47.338 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX027173.D

Acq: 24 Feb 2022 16:26

Instrument :

MSVOA_X

ClientSampleId :

PE-4

Tgt Ion: 65 Resp: 5233

Ion Ratio Lower Upper

65 100

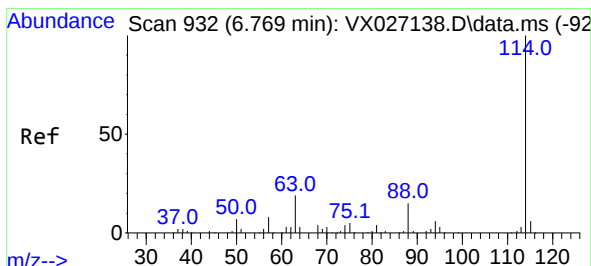
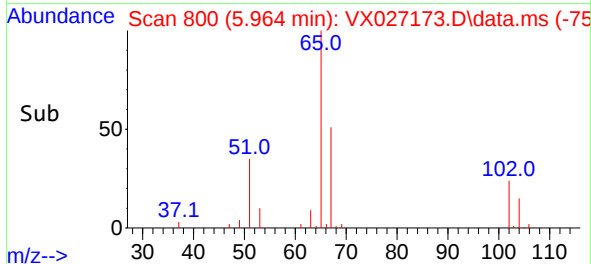
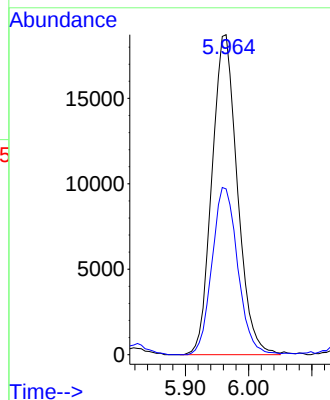
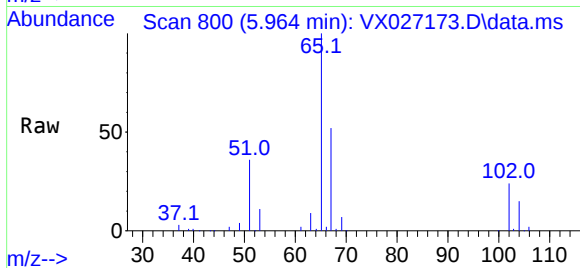
67 52.8 0.0 100.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/25/2022

Supervised By :Mahesh Dadoda 02/25/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX027173.D

Acq: 24 Feb 2022 16:26

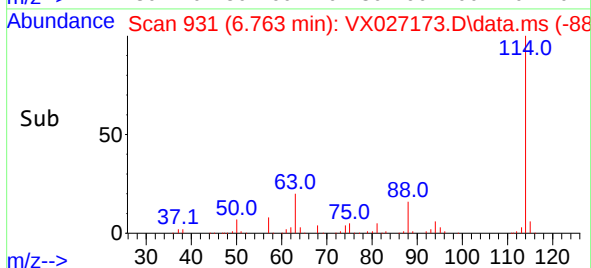
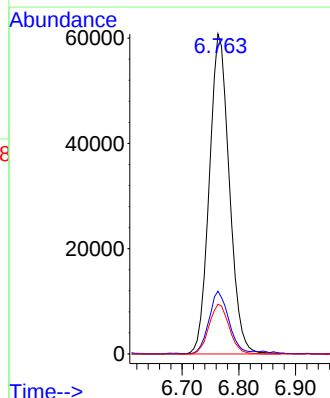
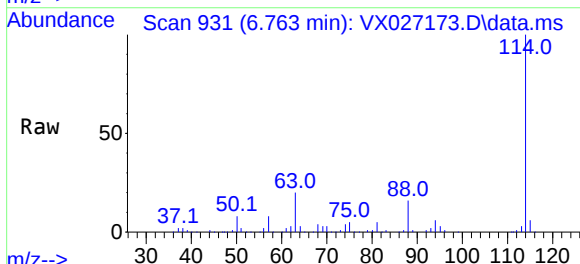
Tgt Ion:114 Resp: 148865

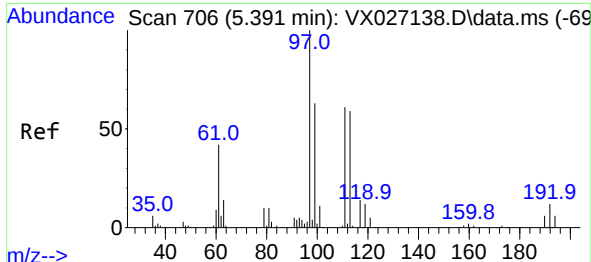
Ion Ratio Lower Upper

114 100

63 19.4 0.0 42.8

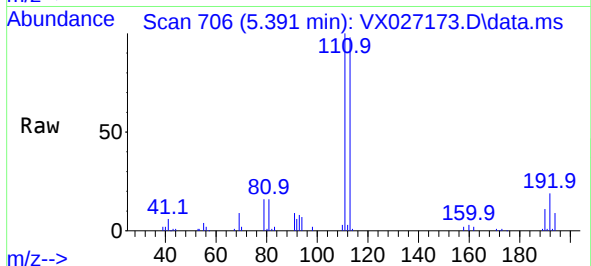
88 15.6 0.0 33.0





#35
Dibromofluoromethane
Concen: 46.991 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027173.D
Acq: 24 Feb 2022 16:26

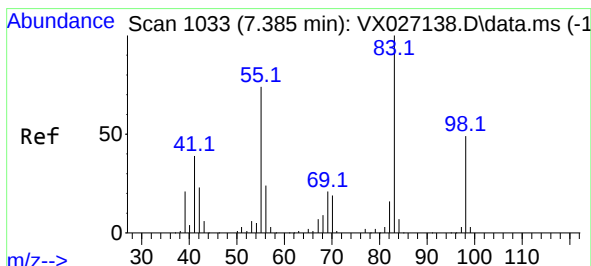
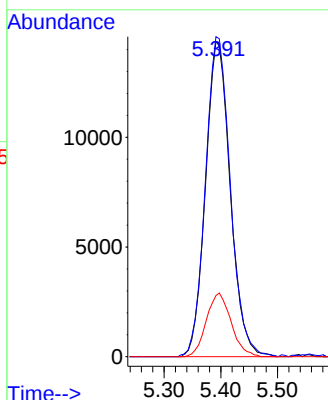
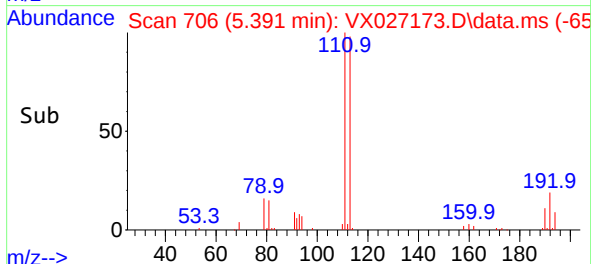
Instrument :
MSVOA_X
ClientSampleId :
PE-4



Tgt Ion: 113 Resp: 4342
Ion Ratio Lower Upper
113 100
111 102.5 81.2 121.8
192 20.2 15.0 22.4

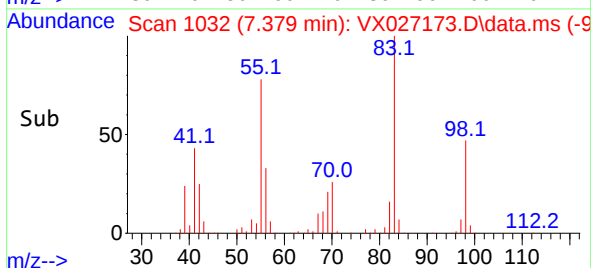
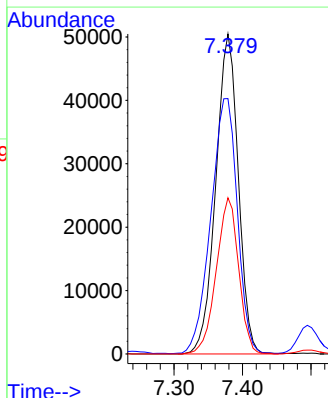
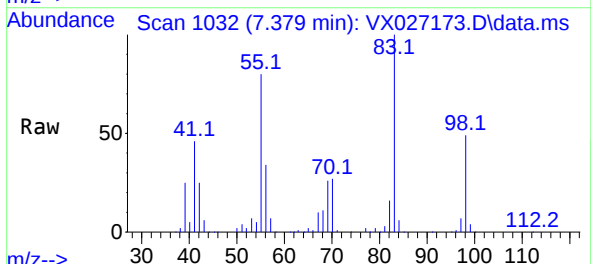
Manual Integrations
APPROVED

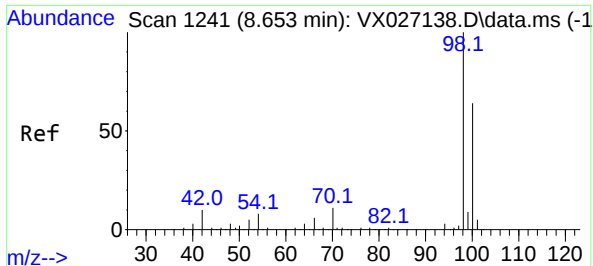
Reviewed By :John Carlone 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022



#39
Methylcyclohexane
Concen: 68.510 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX027173.D
Acq: 24 Feb 2022 16:26

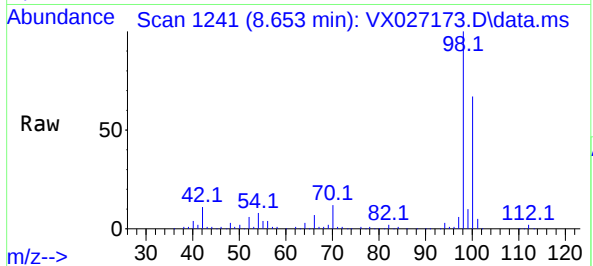
Tgt Ion: 83 Resp: 114927
Ion Ratio Lower Upper
83 100
55 79.6 63.6 95.4
98 48.8 38.4 57.6





#50
Toluene-d8
Concen: 49.390 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027173.D
Acq: 24 Feb 2022 16:26

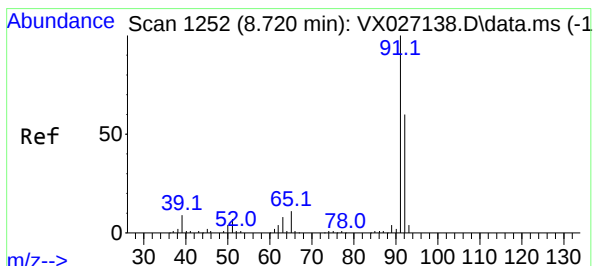
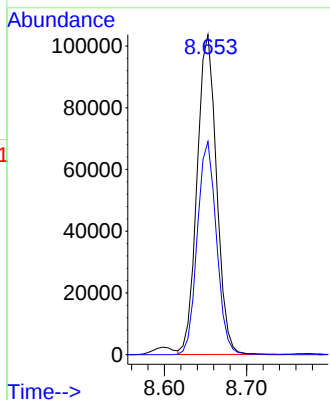
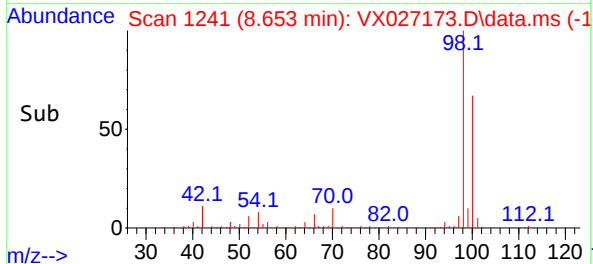
Instrument :
MSVOA_X
ClientSampleId :
PE-4



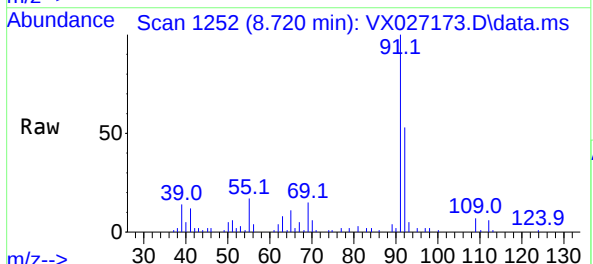
Tgt Ion: 98 Resp: 170644
Ion Ratio Lower Upper
98 100
100 65.6 53.2 79.8

Manual Integrations
APPROVED

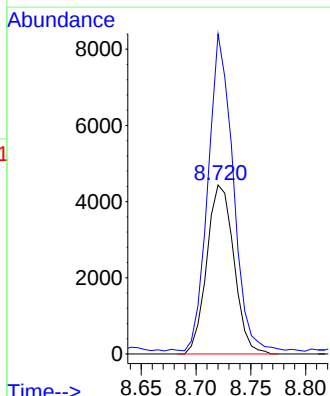
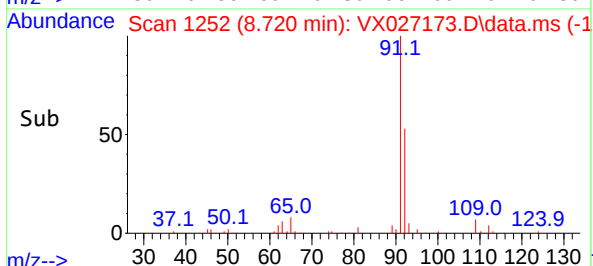
Reviewed By :John Carlone 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022

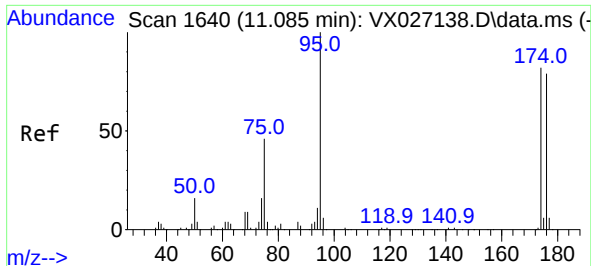


#52
Toluene
Concen: 3.019 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX027173.D
Acq: 24 Feb 2022 16:26



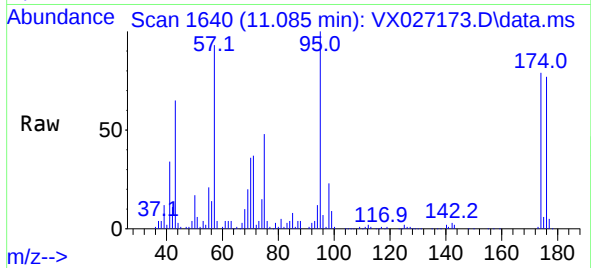
Tgt Ion: 92 Resp: 7623
Ion Ratio Lower Upper
92 100
91 173.4 135.7 203.5





#62
4-Bromofluorobenzene
Concen: 49.118 ug/l
RT: 11.085 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX027173.D
Acq: 24 Feb 2022 16:26

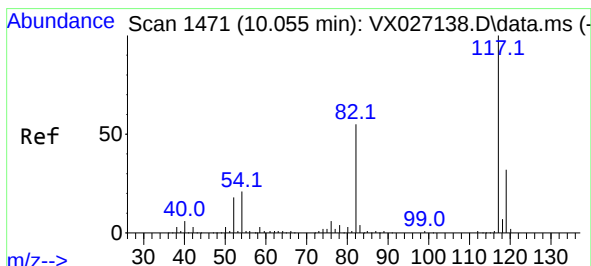
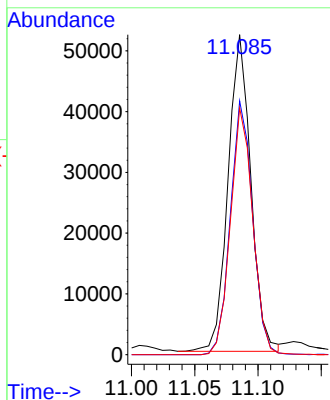
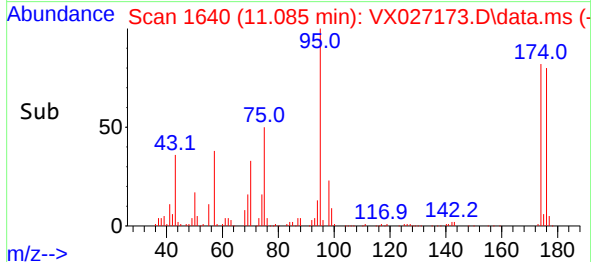
Instrument :
MSVOA_X
ClientSampleId :
PE-4



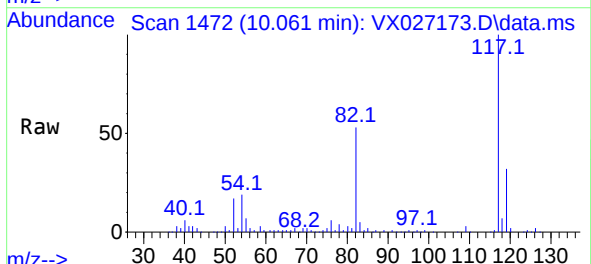
Tgt Ion: 95 Resp: 6514
Ion Ratio Lower Upper
95 100
174 78.4 0.0 148.6
176 76.5 0.0 141.4

Manual Integrations
APPROVED

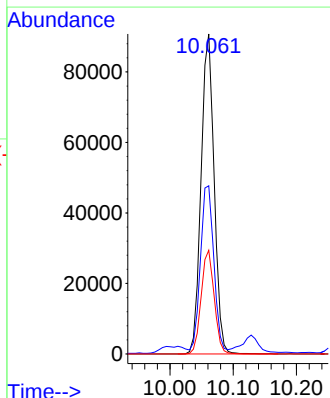
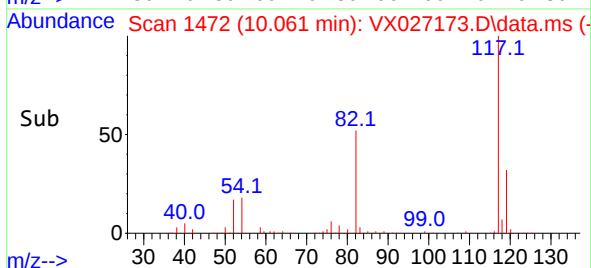
Reviewed By :John Carlone 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022

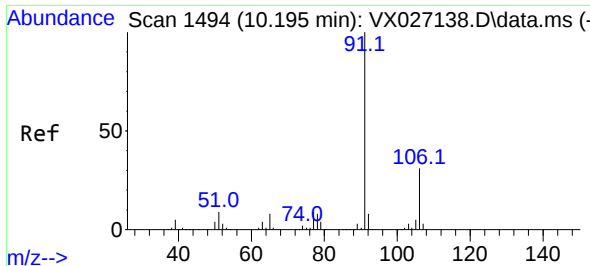


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX027173.D
Acq: 24 Feb 2022 16:26



Tgt Ion:117 Resp: 130787
Ion Ratio Lower Upper
117 100
82 52.1 45.2 67.8
119 32.4 26.2 39.2





#67

Ethyl Benzene

Concen: 109.149 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX027173.D

Acq: 24 Feb 2022 16:26

Instrument :

MSVOA_X

ClientSampleId :

PE-4

Tgt Ion: 91 Resp: 51083

Ion Ratio Lower Upper

91 100

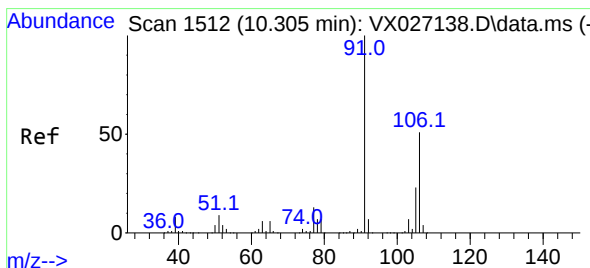
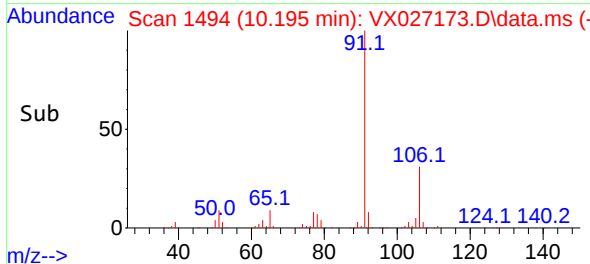
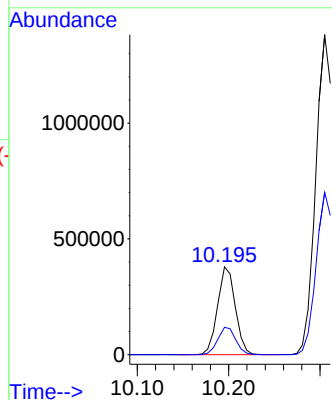
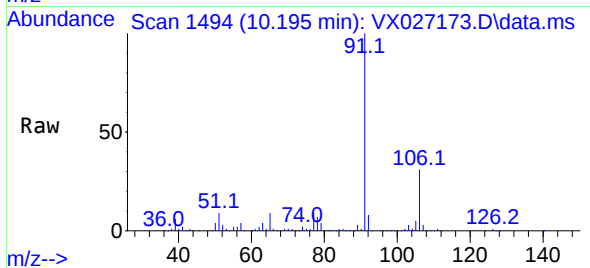
106 31.3 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/25/2022

Supervised By :Mahesh Dadoda 02/25/2022



#68

m/p-Xylenes

Concen: 539.875 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VX027173.D

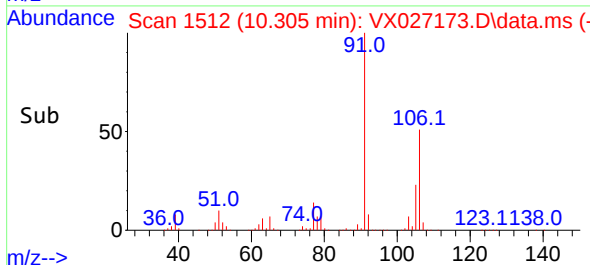
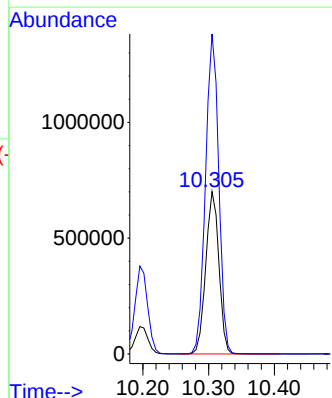
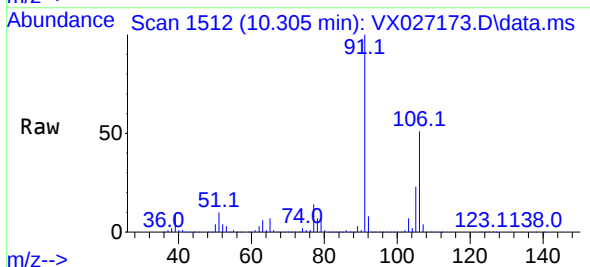
Acq: 24 Feb 2022 16:26

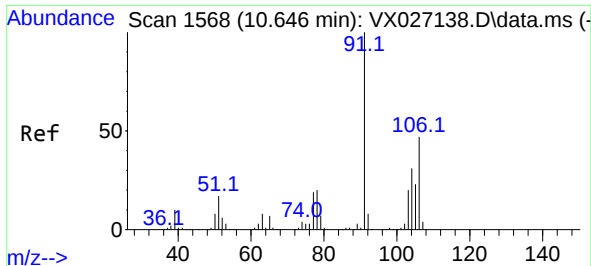
Tgt Ion:106 Resp: 971371

Ion Ratio Lower Upper

106 100

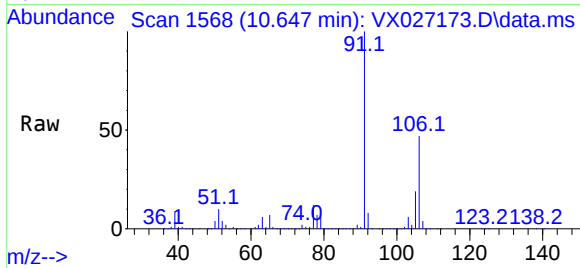
91 198.5 165.3 247.9





#69
o-Xylene
Concen: 149.500 ug/l
RT: 10.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX027173.D
Acq: 24 Feb 2022 16:26

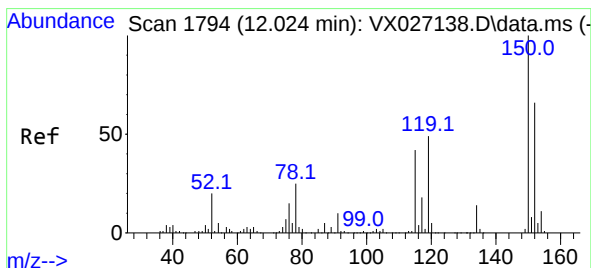
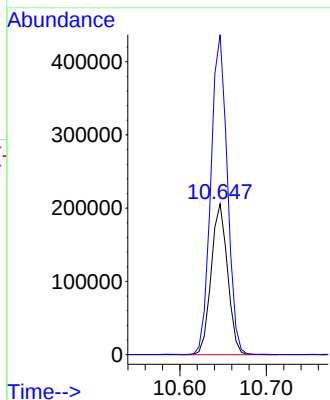
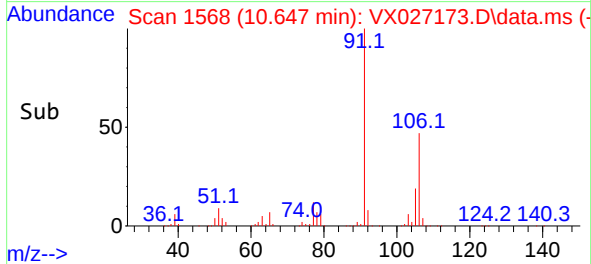
Instrument :
MSVOA_X
ClientSampleId :
PE-4



Tgt Ion:106 Resp: 269969
Ion Ratio Lower Upper
106 100
91 213.9 109.7 329.0

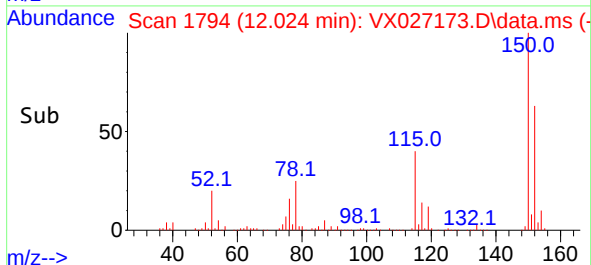
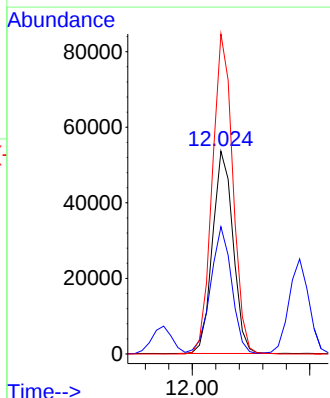
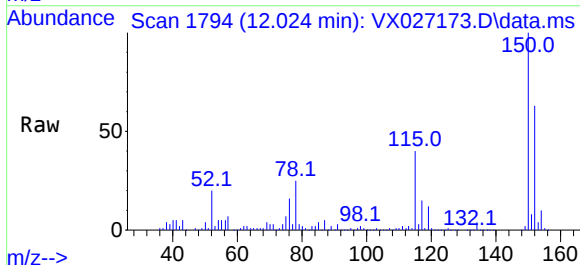
Manual Integrations
APPROVED

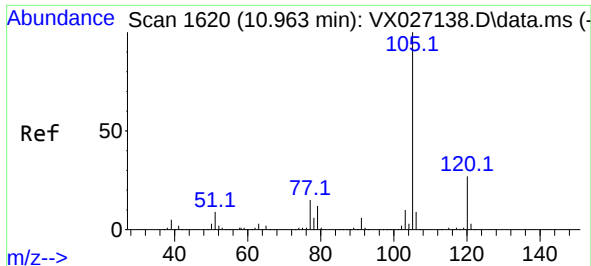
Reviewed By :John Carlone 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027173.D
Acq: 24 Feb 2022 16:26

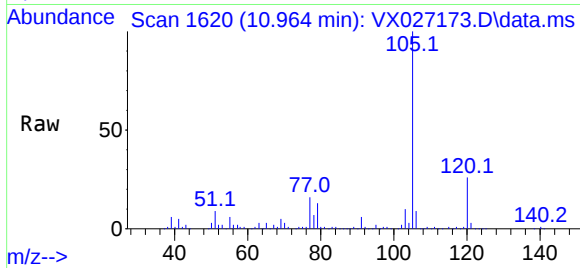
Tgt Ion:152 Resp: 65107
Ion Ratio Lower Upper
152 100
115 64.1 44.2 132.6
150 157.9 0.0 348.2





#73
Isopropylbenzene
Concen: 31.329 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX027173.D
Acq: 24 Feb 2022 16:26

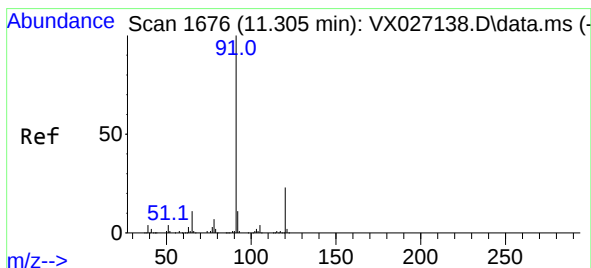
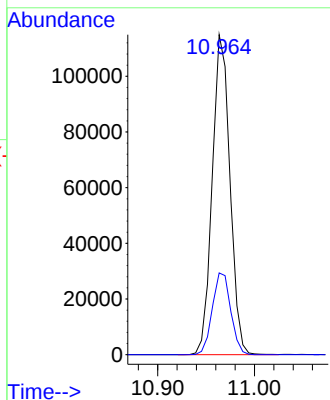
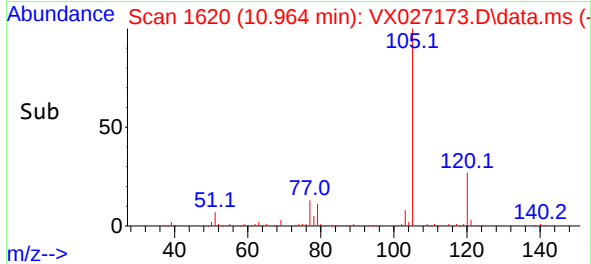
Instrument :
MSVOA_X
ClientSampleId :
PE-4



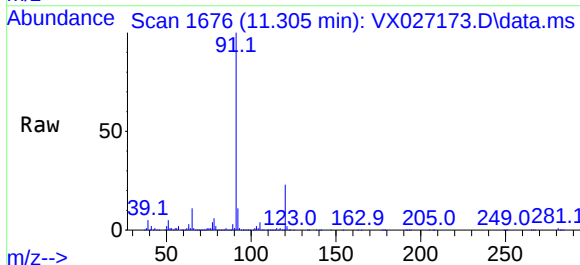
Tgt Ion:105 Resp: 145958
Ion Ratio Lower Upper
105 100
120 26.6 13.1 39.1

Manual Integrations
APPROVED

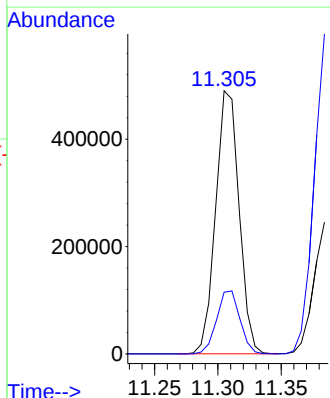
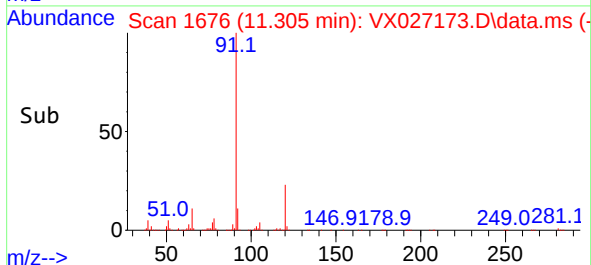
Reviewed By :John Carlone 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022

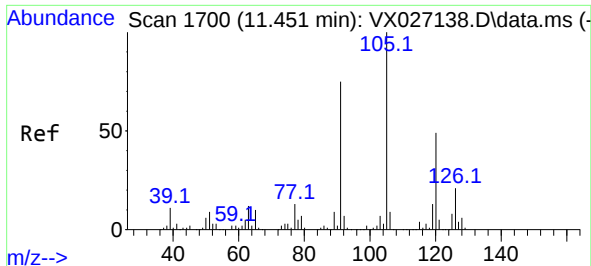


#78
n-propylbenzene
Concen: 119.077 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX027173.D
Acq: 24 Feb 2022 16:26



Tgt Ion: 91 Resp: 630524
Ion Ratio Lower Upper
91 100
120 23.8 11.6 34.7





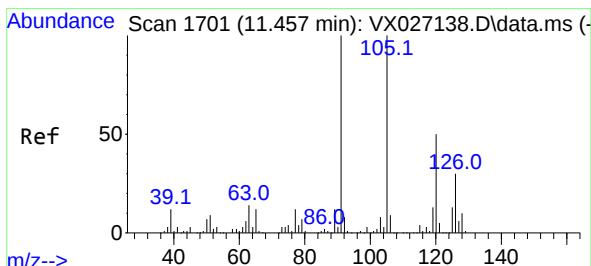
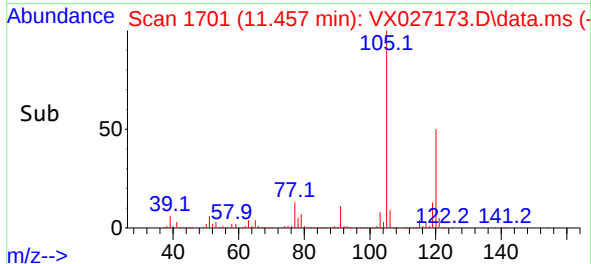
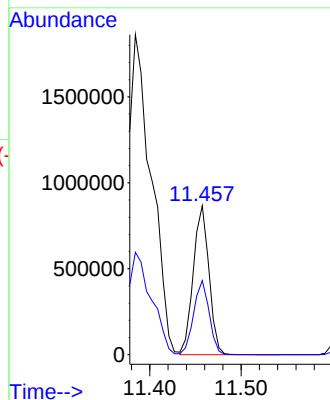
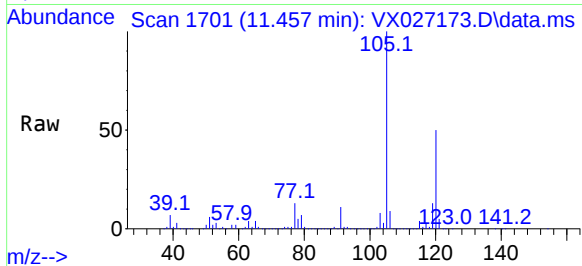
#80
1,3,5-Trimethylbenzene
Concen: 264.568 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX027173.D
Acq: 24 Feb 2022 16:26

Instrument :
MSVOA_X
ClientSampleId :
PE-4

Tgt Ion:105 Resp: 1036429
Ion Ratio Lower Upper
105 100
120 49.5 24.0 72.0

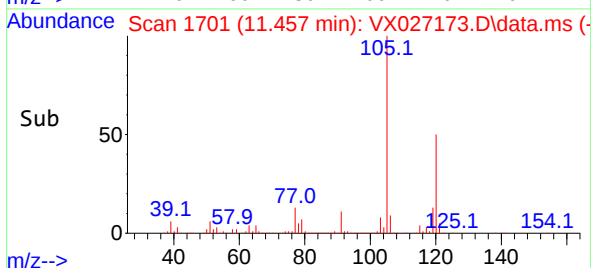
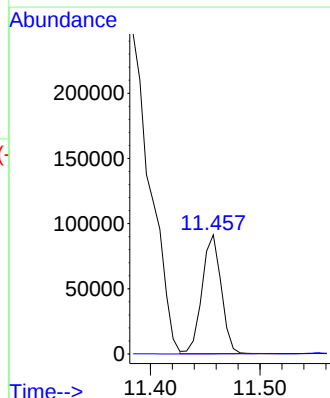
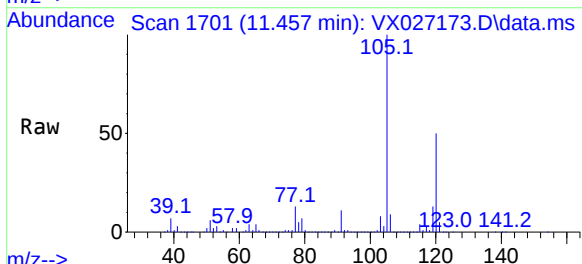
Manual Integrations
APPROVED

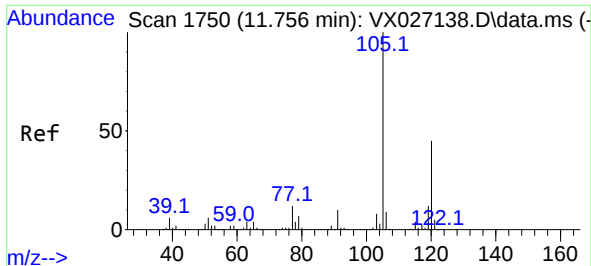
Reviewed By :John Carlone 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022



#82
4-Chlorotoluene
Concen: 29.867 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX027173.D
Acq: 24 Feb 2022 16:26

Tgt Ion: 91 Resp: 110709
Ion Ratio Lower Upper
91 100
126 0.0 14.1 42.4#





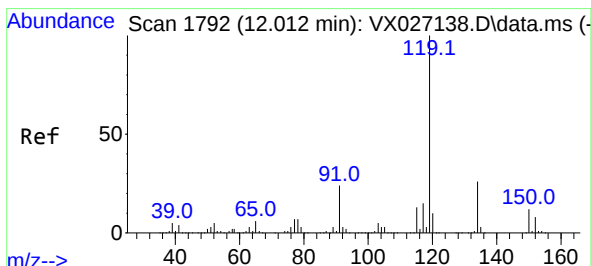
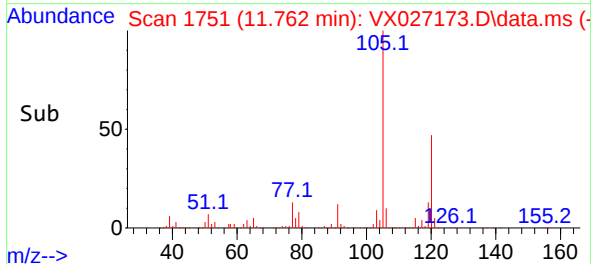
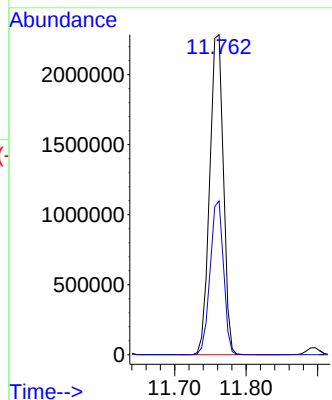
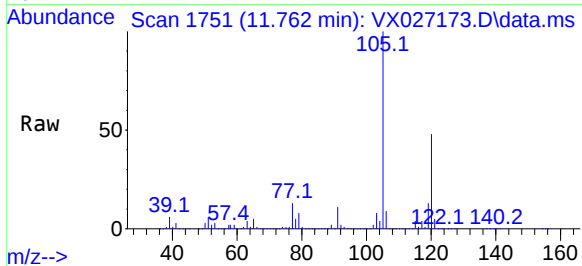
#84
1,2,4-Trimethylbenzene
Concen: 780.094 ug/l
RT: 11.762 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX027173.D
Acq: 24 Feb 2022 16:26

Instrument :
MSVOA_X
ClientSampleId :
PE-4

Tgt Ion:105 Resp: 3039750
Ion Ratio Lower Upper
105 100
120 47.0 21.9 65.5

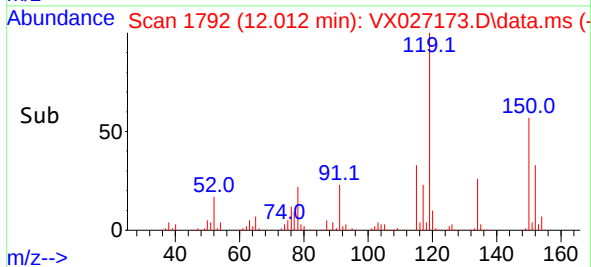
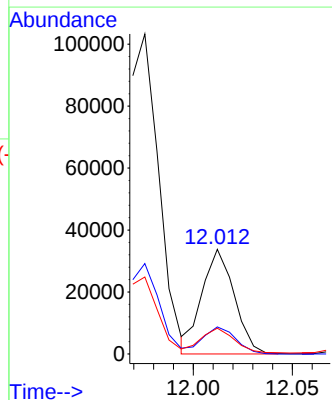
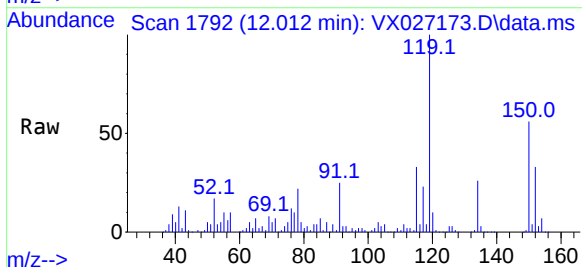
Manual Integrations
APPROVED

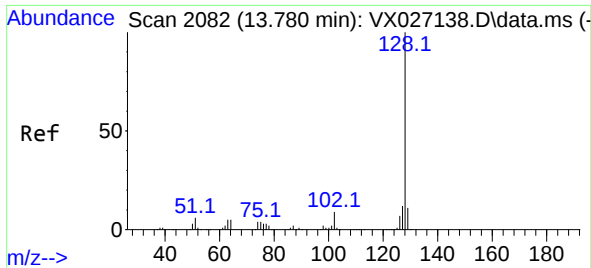
Reviewed By :John Carlone 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022



#86
p-Isopropyltoluene
Concen: 9.434 ug/l m
RT: 12.012 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VX027173.D
Acq: 24 Feb 2022 16:26

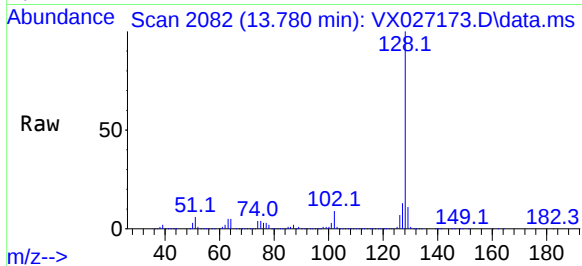
Tgt Ion:119 Resp: 38412
Ion Ratio Lower Upper
119 100
134 89.6 13.0 39.0#
91 77.1 12.6 37.6#





#95
Naphthalene
Concen: 90.916 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX027173.D
Acq: 24 Feb 2022 16:26

Instrument :
MSVOA_X
ClientSampleId :
PE-4



Tgt Ion:128 Resp: 415938
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 11.4 8.7 13.1

Manual Integrations
APPROVED

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

