

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022422\
 Data File : VX027175.D
 Acq On : 24 Feb 2022 17:13
 Operator : JC/MD
 Sample : N1539-02 10X
 Misc : 5.31g/5.0mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PE-2

Quant Time: Feb 25 00:05:50 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	93713	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	154593	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	142737	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	69282	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	54247	48.198	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.400%		
35) Dibromofluoromethane	5.391	113	46183	48.128	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.260%		
50) Toluene-d8	8.653	98	179393	49.998	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.000%		
62) 4-Bromofluorobenzene	11.085	95	69874	50.734	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.460%		
Target Compounds						
					Qvalue	
31) Cyclohexane	5.501	56	31810	18.872	ug/l #	52
39) Methylcyclohexane	7.385	83	54652	31.372	ug/l	99
52) Toluene	8.720	92	556250	212.115	ug/l	98
67) Ethyl Benzene	10.195	91	523657	102.521	ug/l	98
68) m/p-Xylenes	10.305	106	608743	310.006	ug/l	96
69) o-Xylene	10.646	106	349274	177.224	ug/l	95
73) Isopropylbenzene	10.963	105	54353	10.964	ug/l	99
78) n-propylbenzene	11.305	91	221813	39.366	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	350478	84.075	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	1095032	264.084	ug/l	96
86) p-Isopropyltoluene	12.012	119	11586m	2.674	ug/l	
95) Naphthalene	13.774	128	190409	39.112	ug/l	99

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

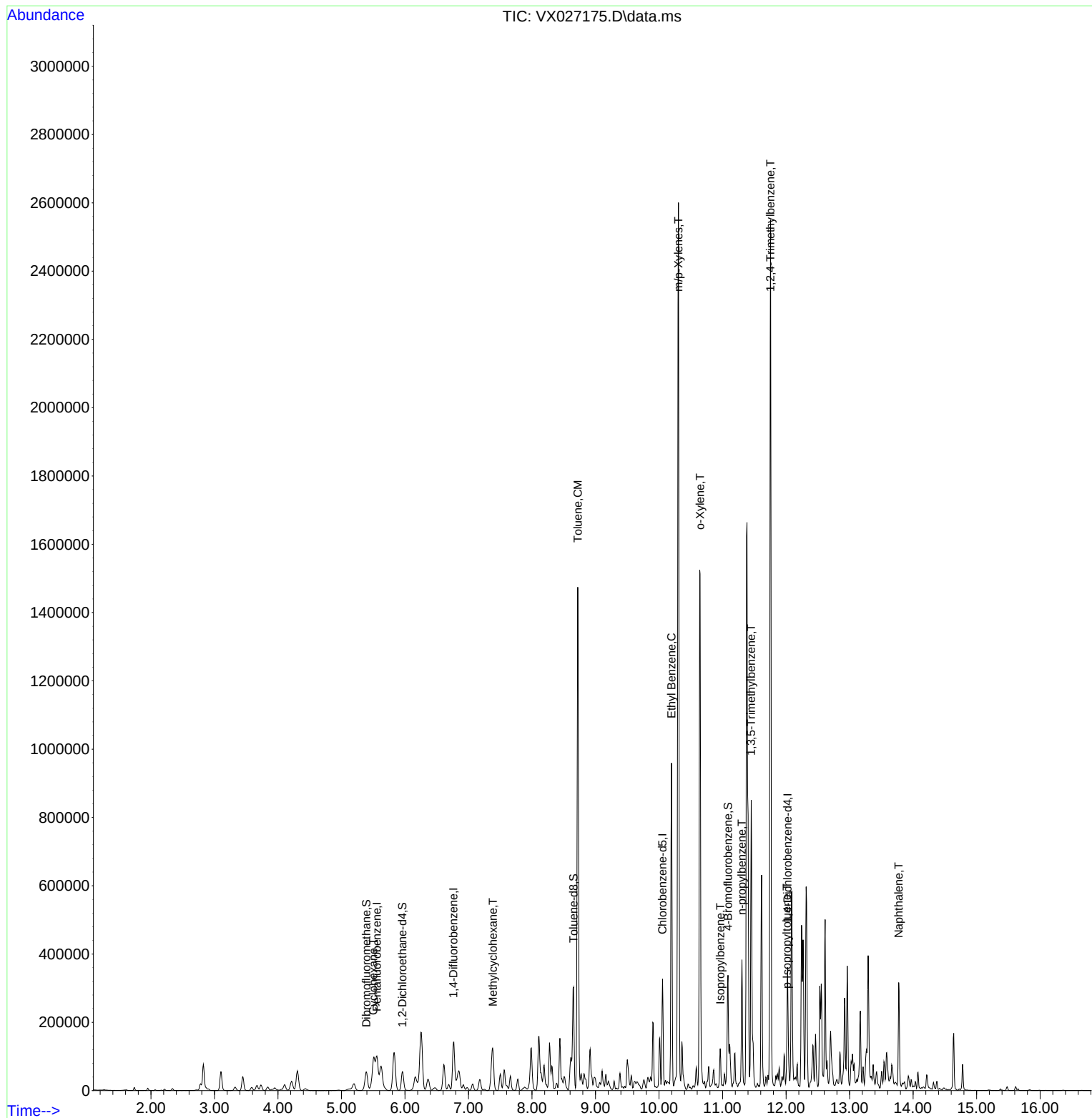
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022422\
Data File : VX027175.D
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Misc : 5.31g/5.0mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 17 Sample Multiplier: 1

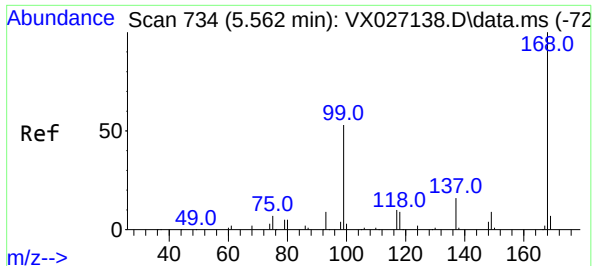
Instrument :
MSVOA_X
ClientSampleId :
PE-2

Quant Time: Feb 25 00:05:50 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
Quant Title : SW846 8260
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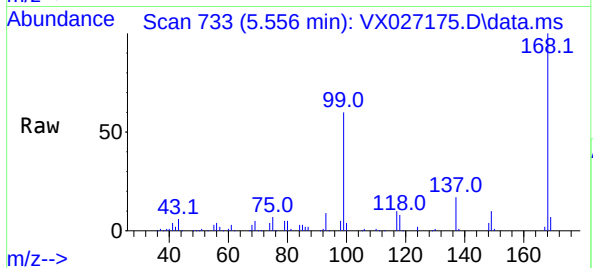
Reviewed By : John Carlone 02/25/2022
Supervised By : Mahesh Dadoda 02/25/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.006 min
Lab File: VX027175.D
Acq: 24 Feb 2022 17:13

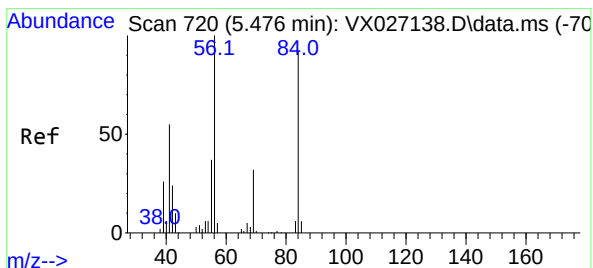
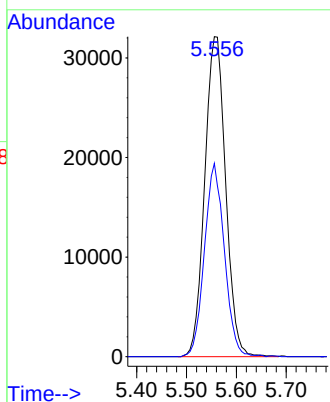
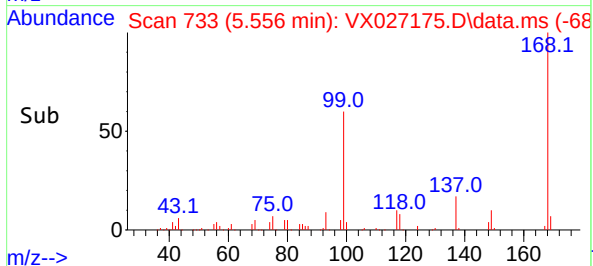
Instrument :
MSVOA_X
ClientSampleId :
PE-2



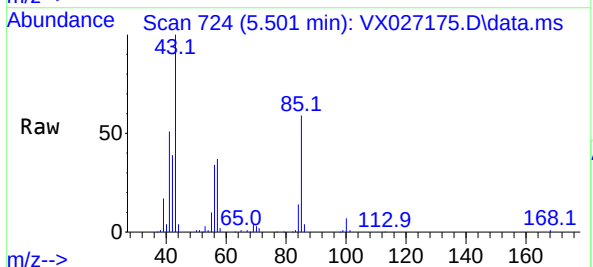
Tgt Ion:168 Resp: 9371
Ion Ratio Lower Upper
168 100
99 60.4 50.3 75.5

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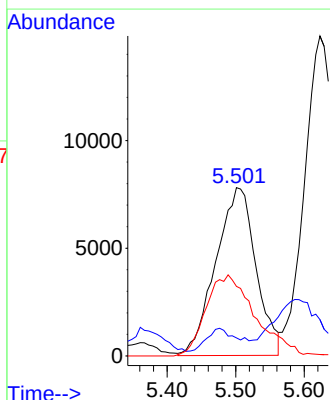
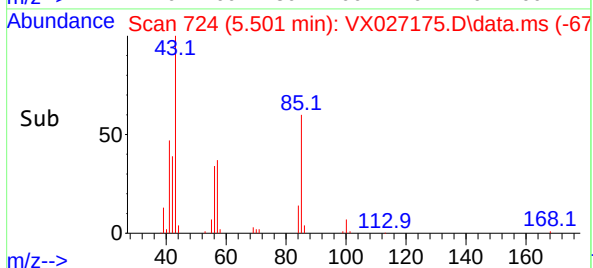
Reviewed By :John Carlone 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022

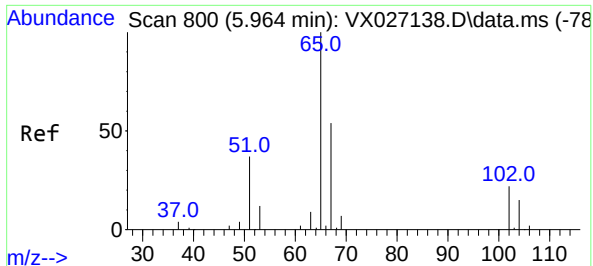


#31
Cyclohexane
Concen: 18.872 ug/l
RT: 5.501 min Scan# 724
Delta R.T. 0.025 min
Lab File: VX027175.D
Acq: 24 Feb 2022 17:13



Tgt Ion: 56 Resp: 31810
Ion Ratio Lower Upper
56 100
69 7.0 25.8 38.6#
84 41.3 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 48.198 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX027175.D

Acq: 24 Feb 2022 17:13

Instrument :

MSVOA_X

ClientSampleId :

PE-2

Tgt Ion: 65 Resp: 5424

Ion Ratio Lower Upper

65 100

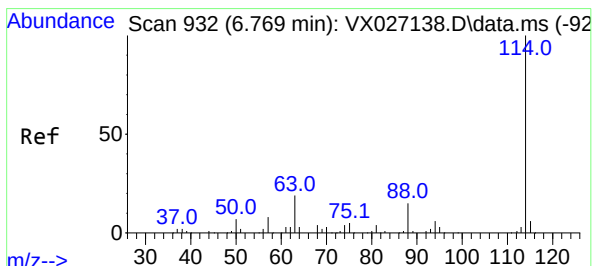
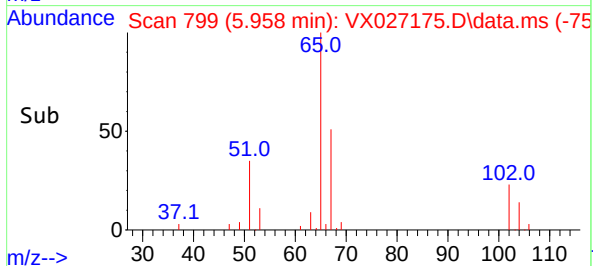
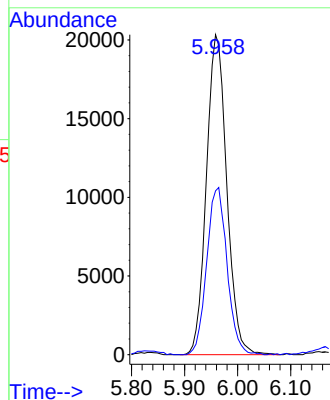
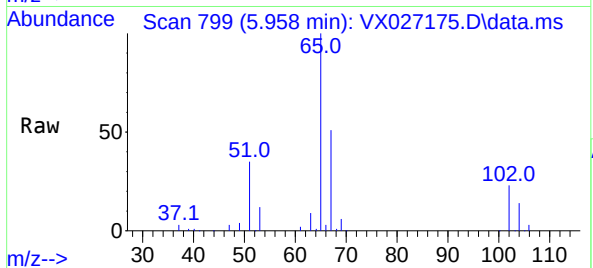
67 52.3 0.0 100.8

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX027175.D

Acq: 24 Feb 2022 17:13

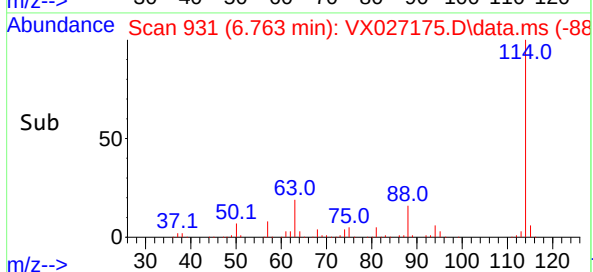
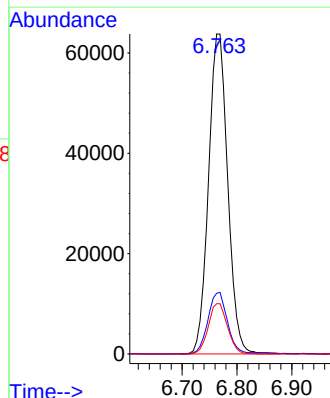
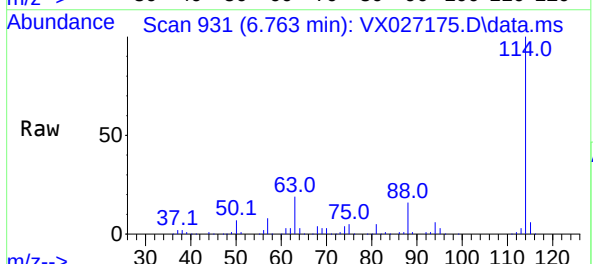
Tgt Ion:114 Resp: 154593

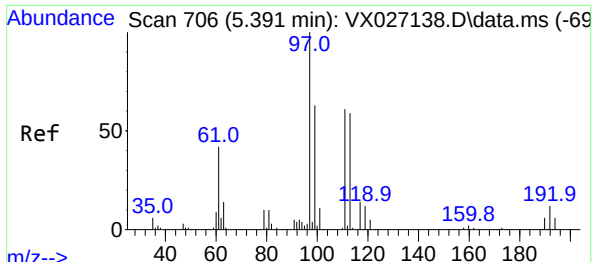
Ion Ratio Lower Upper

114 100

63 19.0 0.0 42.8

88 15.7 0.0 33.0





#35

Dibromofluoromethane

Concen: 48.128 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX027175.D

Acq: 24 Feb 2022 17:13

Instrument :

MSVOA_X

ClientSampleId :

PE-2

Tgt Ion: 113 Resp: 4618

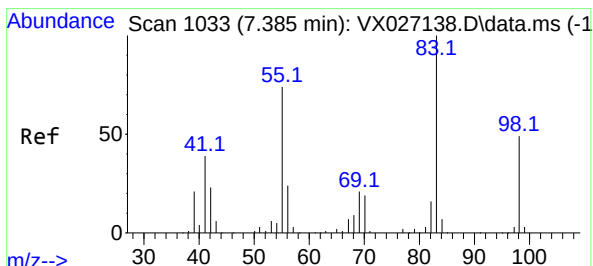
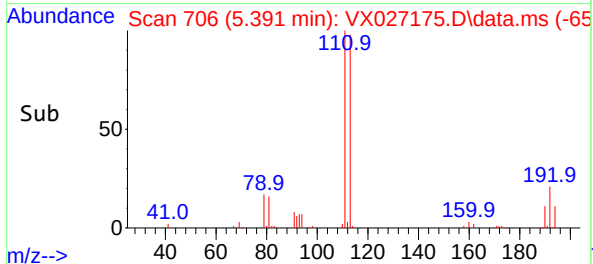
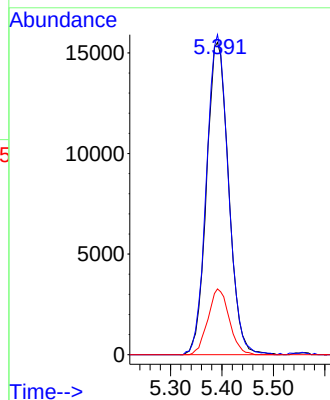
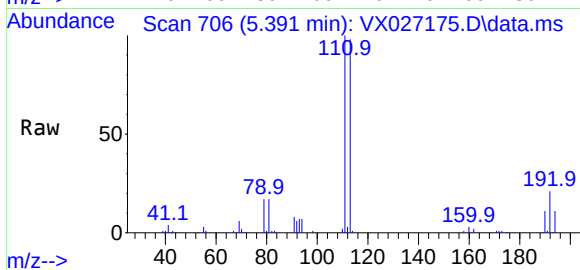
Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.2	121.8
192	20.4	15.0	22.4

Manual Integrations

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Supervised By :Mahesh Dadoda 02/25/2022



#39

Methylcyclohexane

Concen: 31.372 ug/l

RT: 7.385 min Scan# 1033

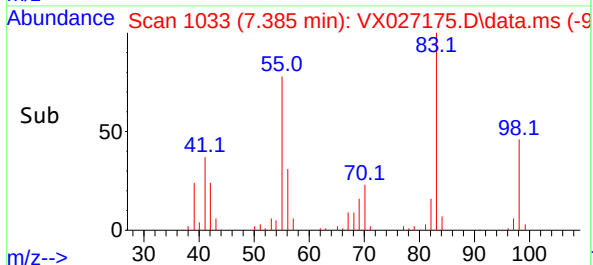
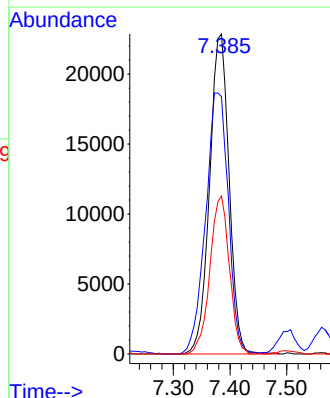
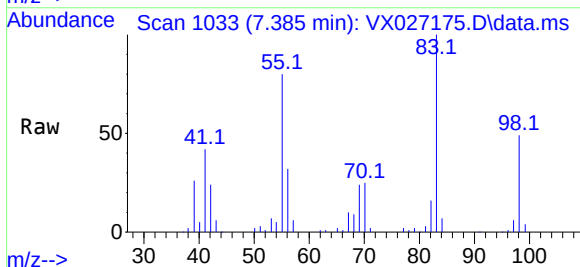
Delta R.T. -0.000 min

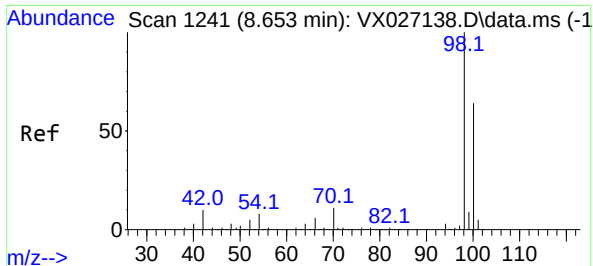
Lab File: VX027175.D

Acq: 24 Feb 2022 17:13

Tgt Ion: 83 Resp: 54652

Ion	Ratio	Lower	Upper
83	100		
55	80.4	63.6	95.4
98	49.3	38.4	57.6





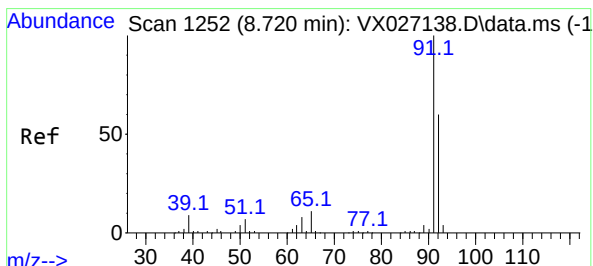
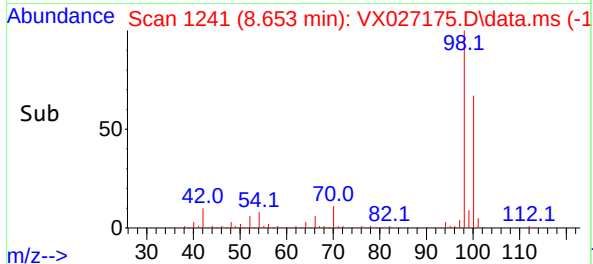
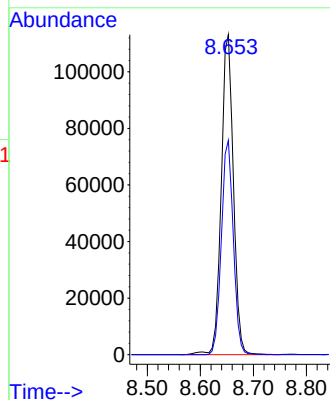
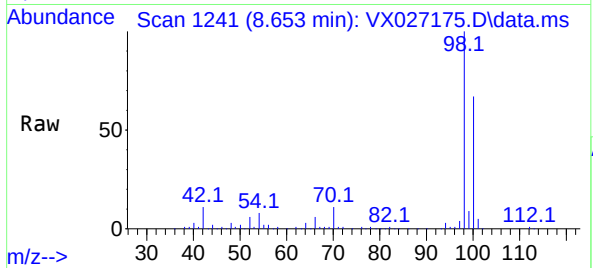
#50
Toluene-d8
Concen: 49.998 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027175.D
Acq: 24 Feb 2022 17:13

Instrument :
MSVOA_X
ClientSampleId :
PE-2

Tgt Ion: 98 Resp: 17939
Ion Ratio Lower Upper
98 100
100 65.6 53.2 79.8

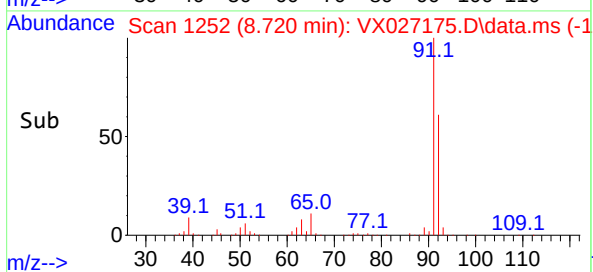
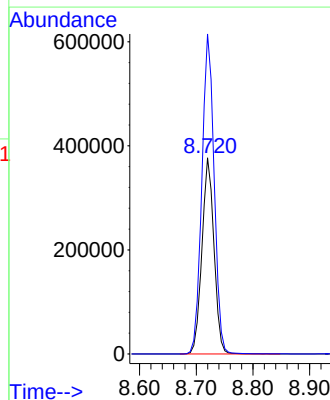
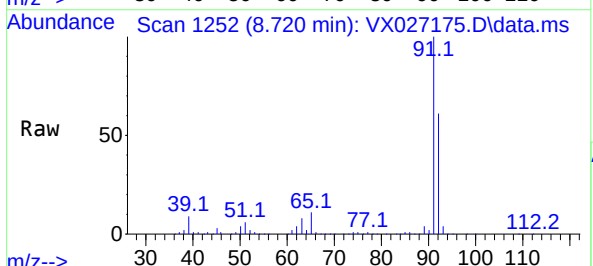
Manual Integrations
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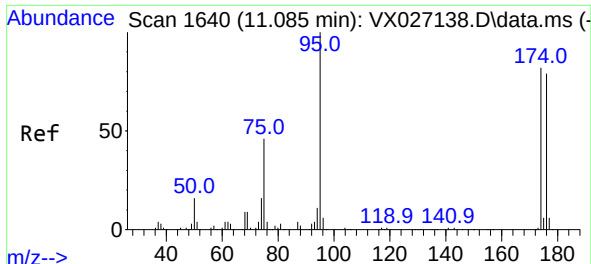
Reviewed By :John Carlone 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022



#52
Toluene
Concen: 212.115 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX027175.D
Acq: 24 Feb 2022 17:13

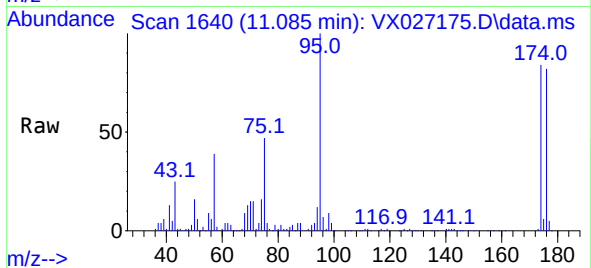
Tgt Ion: 92 Resp: 556250
Ion Ratio Lower Upper
92 100
91 166.8 135.7 203.5





#62
4-Bromofluorobenzene
Concen: 50.734 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX027175.D
Acq: 24 Feb 2022 17:13

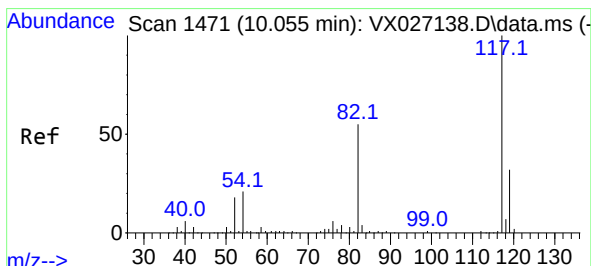
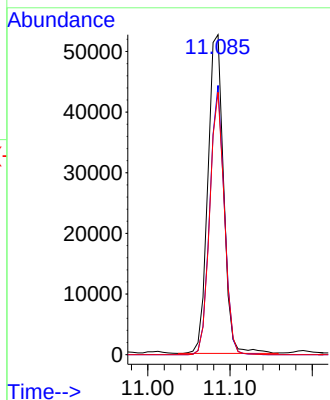
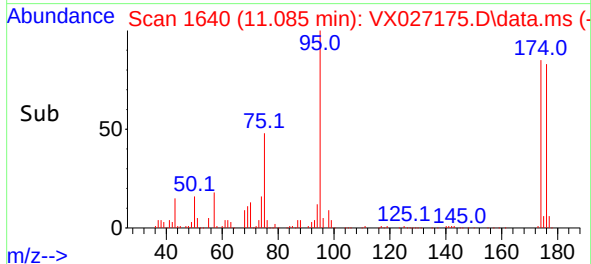
Instrument :
MSVOA_X
ClientSampleId :
PE-2



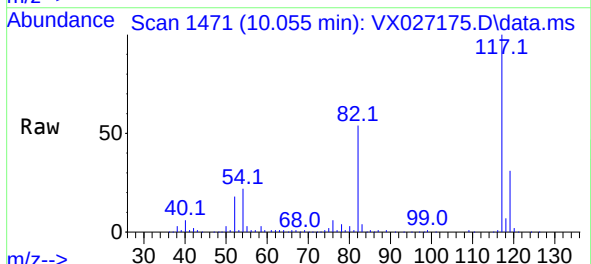
Tgt Ion: 95 Resp: 69874
Ion Ratio Lower Upper
95 100
174 77.3 0.0 148.6
176 76.3 0.0 141.4

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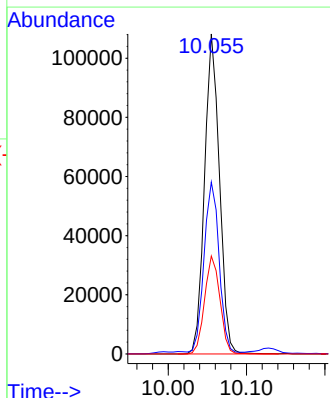
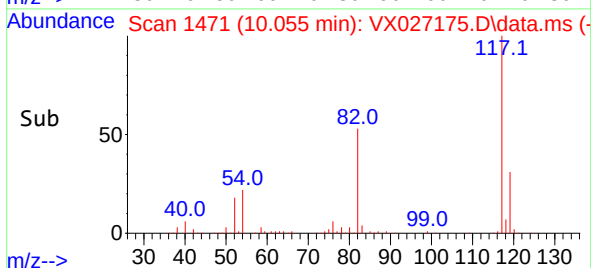
Reviewed By :John Carlone 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022

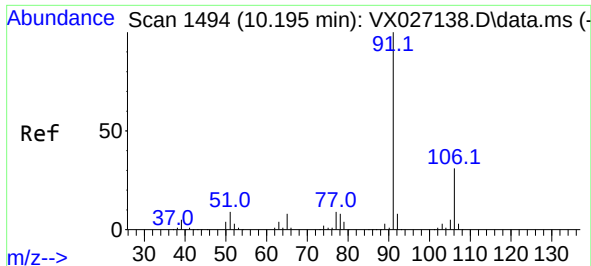


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027175.D
Acq: 24 Feb 2022 17:13



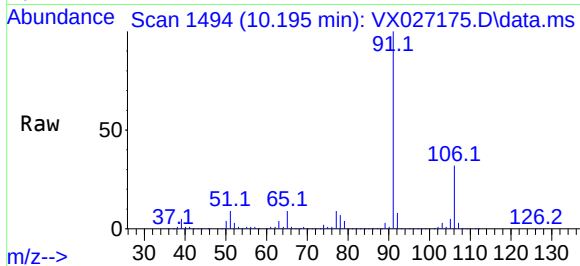
Tgt Ion:117 Resp: 142737
Ion Ratio Lower Upper
117 100
82 53.0 45.2 67.8
119 30.6 26.2 39.2





#67
Ethyl Benzene
Concen: 102.521 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX027175.D
Acq: 24 Feb 2022 17:13

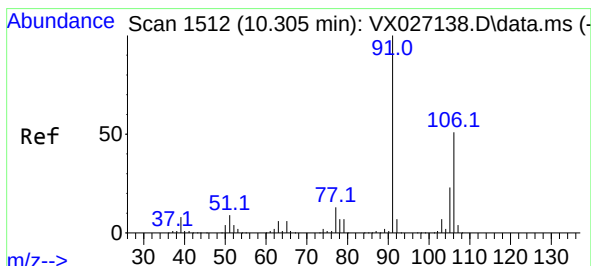
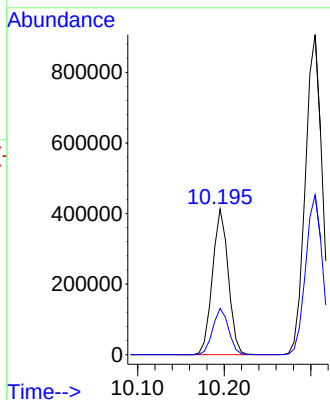
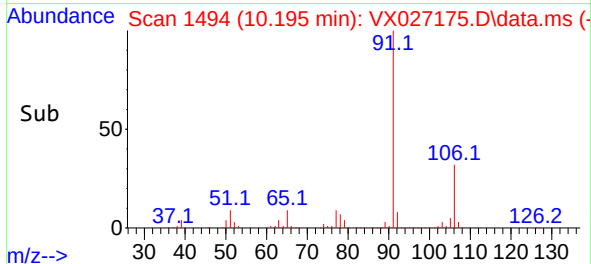
Instrument :
MSVOA_X
ClientSampleId :
PE-2



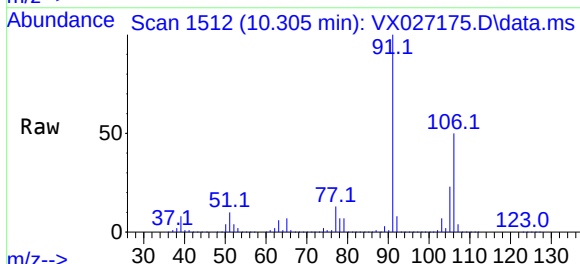
Tgt Ion: 91 Resp: 52365
Ion Ratio Lower Upper
91 100
106 31.8 24.7 37.1

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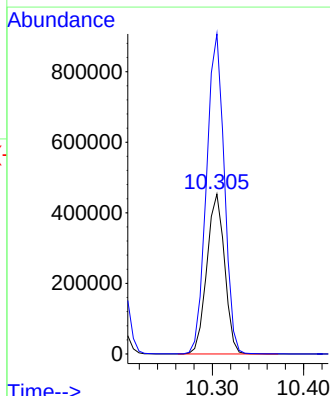
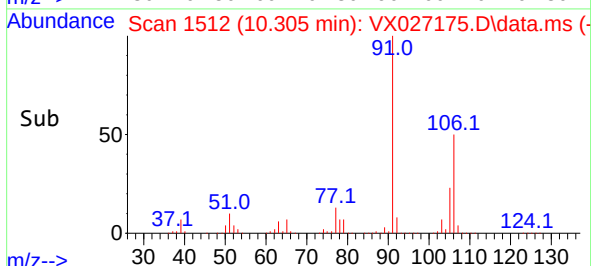
Reviewed By :John Carlone 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022

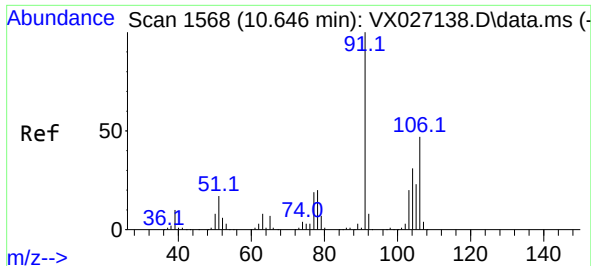


#68
m/p-Xylenes
Concen: 310.006 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX027175.D
Acq: 24 Feb 2022 17:13



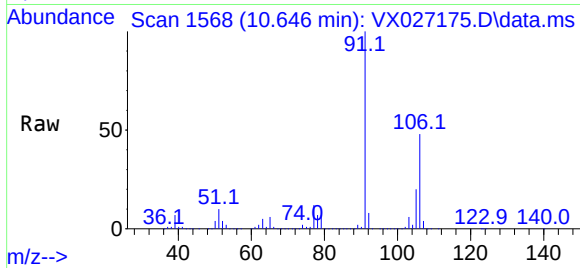
Tgt Ion:106 Resp: 608743
Ion Ratio Lower Upper
106 100
91 200.4 165.3 247.9





#69
o-Xylene
Concen: 177.224 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027175.D
Acq: 24 Feb 2022 17:13

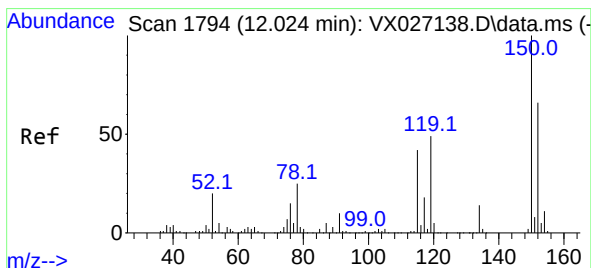
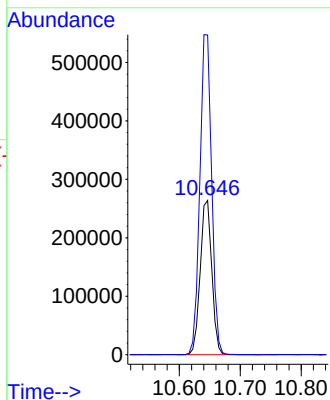
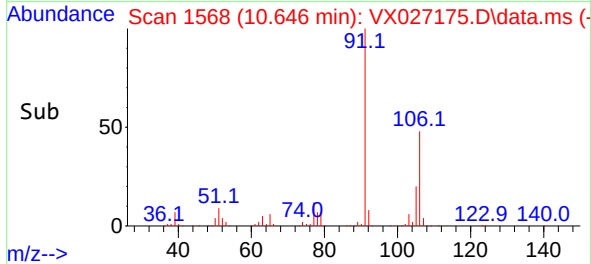
Instrument :
MSVOA_X
ClientSampleId :
PE-2



Tgt Ion:106 Resp: 349274
Ion Ratio Lower Upper
106 100
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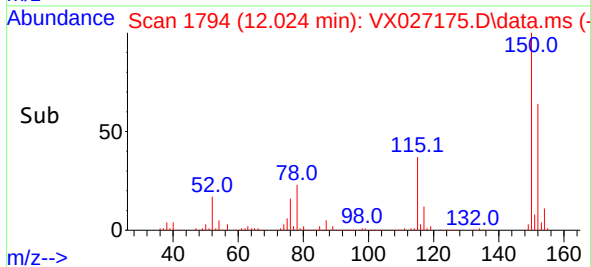
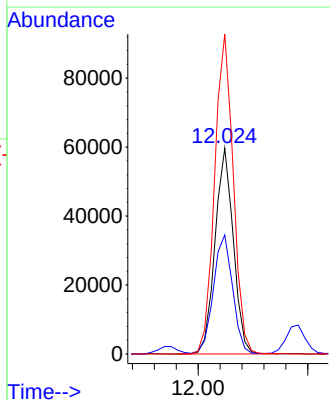
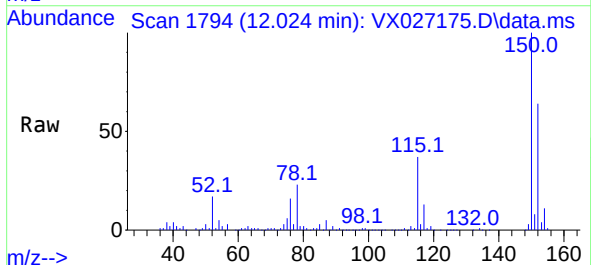
Manual Integrations
APPROVED

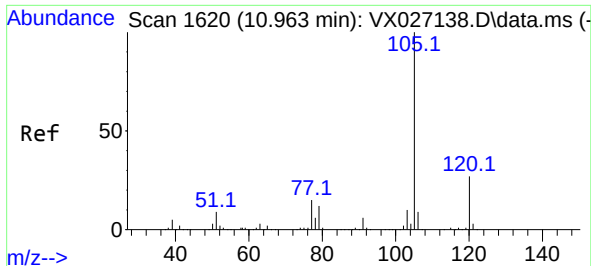
Reviewed By :John Carlone 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027175.D
Acq: 24 Feb 2022 17:13

Tgt Ion:152 Resp: 69282
Ion Ratio Lower Upper
152 100
115 60.4 44.2 132.6
150 158.2 0.0 348.2





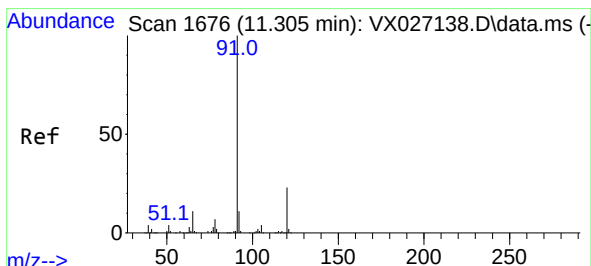
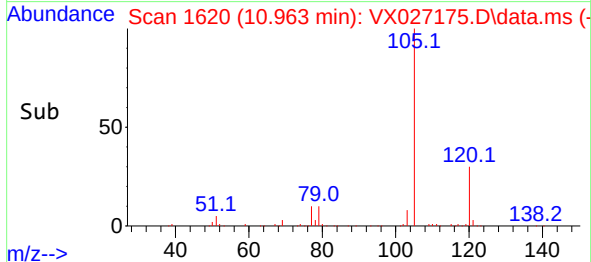
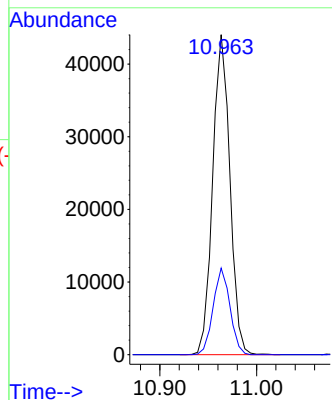
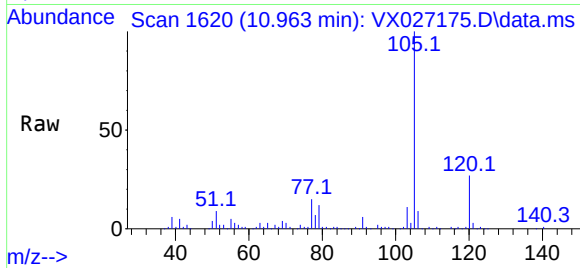
#73
Isopropylbenzene
Concen: 10.964 ug/l
RT: 10.963 min Scan# 105
Delta R.T. 0.000 min
Lab File: VX027175.D
Acq: 24 Feb 2022 17:13

Instrument :
MSVOA_X
ClientSampleId :
PE-2

Tgt Ion:105 Resp: 5435
Ion Ratio Lower Upper
105 100
120 26.4 13.1 39.1

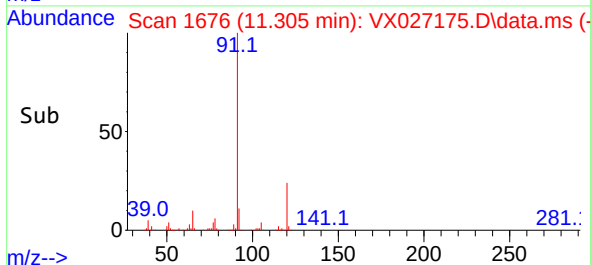
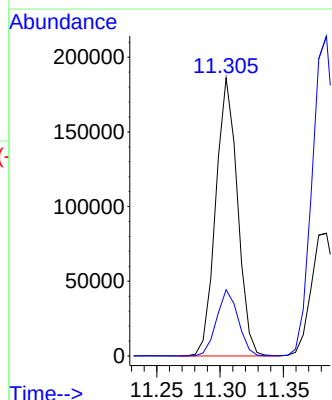
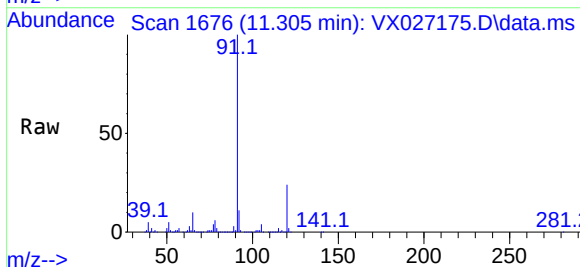
Manual Integrations
APPROVED

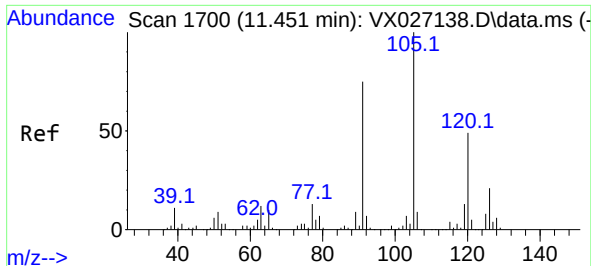
Reviewed By :John Carlone 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022



#78
n-propylbenzene
Concen: 39.366 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX027175.D
Acq: 24 Feb 2022 17:13

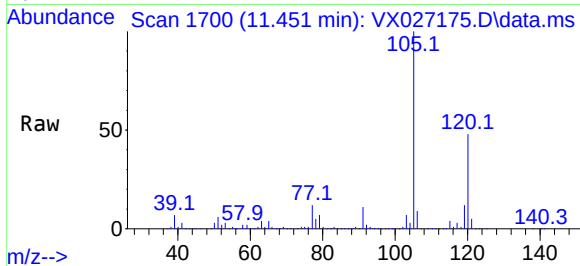
Tgt Ion: 91 Resp: 221813
Ion Ratio Lower Upper
91 100
120 23.6 11.6 34.7





#80
1,3,5-Trimethylbenzene
Concen: 84.075 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX027175.D
Acq: 24 Feb 2022 17:13

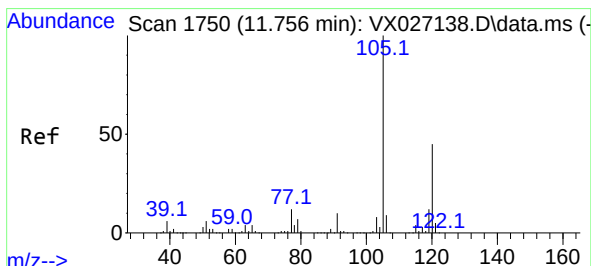
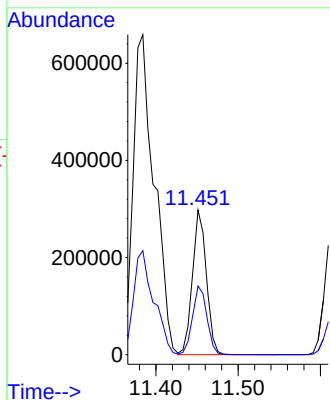
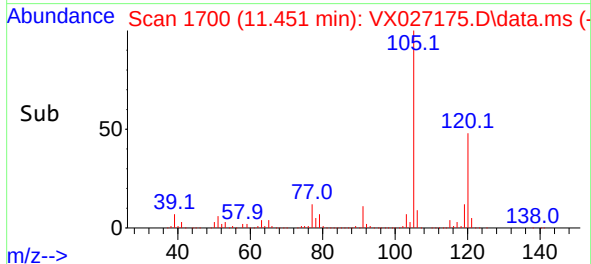
Instrument :
MSVOA_X
ClientSampleId :
PE-2



Tgt Ion:105 Resp: 350478
Ion Ratio Lower Upper
105 100
120 49.1 24.0 72.0

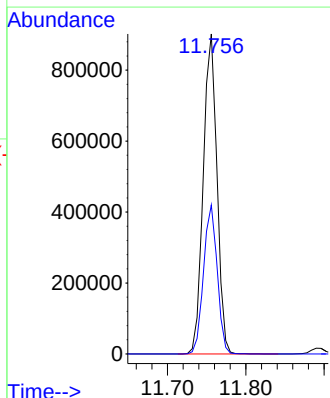
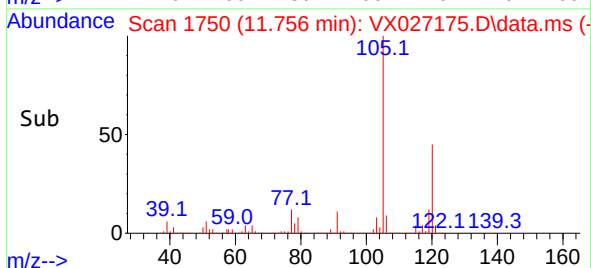
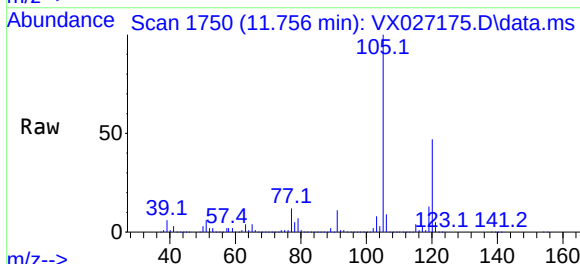
Manual Integrations
APPROVED

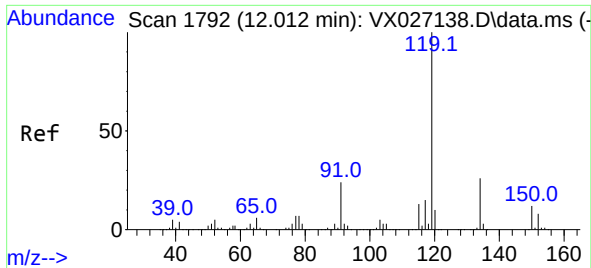
Reviewed By :John Carlone 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022



#84
1,2,4-Trimethylbenzene
Concen: 264.084 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX027175.D
Acq: 24 Feb 2022 17:13

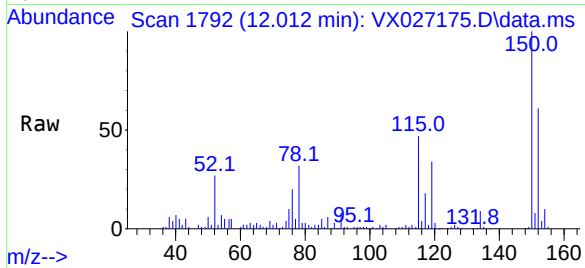
Tgt Ion:105 Resp: 1095032
Ion Ratio Lower Upper
105 100
120 46.4 21.9 65.5





#86
p-Isopropyltoluene
Concen: 2.674 ug/l m
RT: 12.012 min Scan# 1158
Delta R.T. -0.000 min
Lab File: VX027175.D
Acq: 24 Feb 2022 17:13

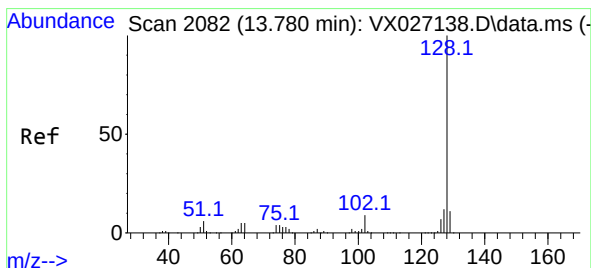
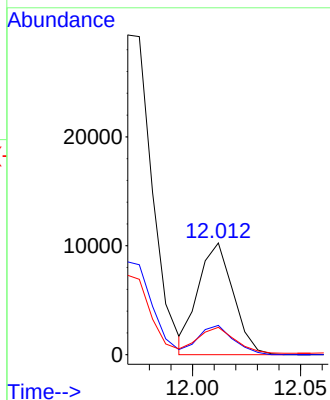
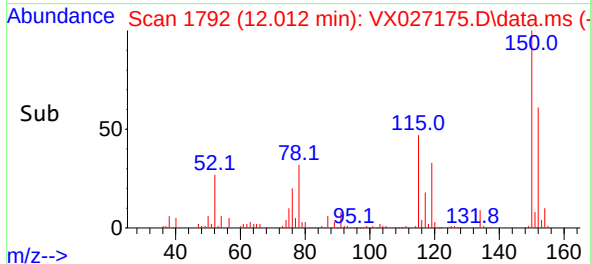
Instrument :
MSVOA_X
ClientSampleId :
PE-2



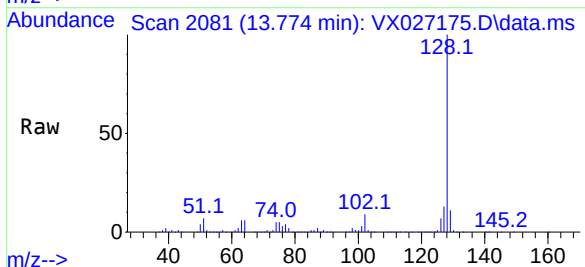
Tgt Ion:119 Resp: 1158
Ion Ratio Lower Upper
119 100
134 92.3 13.0 39.0
91 77.0 12.6 37.6

Manual Integrations
APPROVED

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



#95
Naphthalene
Concen: 39.112 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX027175.D
Acq: 24 Feb 2022 17:13



Tgt Ion:128 Resp: 190409
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.3 8.7 13.1

