

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041523\
 Data File : VX035091.D
 Acq On : 14 Apr 2023 18:17
 Operator : JC/MD
 Sample : 02353-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BUR-1253

Quant Time: Apr 17 08:58:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 04/17/2023
 Supervised By :Mahesh Dadoda 04/17/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	264013	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	439948	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	390272	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	180693	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	167206	41.411	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	82.820%		
35) Dibromofluoromethane	5.391	113	130551	44.864	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.720%		
50) Toluene-d8	8.647	98	524330	48.817	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.640%		
62) 4-Bromofluorobenzene	11.079	95	196952	47.386	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.780%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.983	59	3797	5.360	ug/l #	93
16) Acetone	2.386	43	8716	5.314	ug/l	91
52) Toluene	8.720	92	26867	3.330	ug/l	100
67) Ethyl Benzene	10.195	91	55686	3.786	ug/l	96
68) m/p-Xylenes	10.299	106	82065	14.605	ug/l	98
69) o-Xylene	10.647	106	84062	15.271	ug/l	99
73) Isopropylbenzene	10.964	105	19899	1.503	ug/l	98
78) n-propylbenzene	11.305	91	70112	4.585	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	168654	15.240	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	597778	53.117	ug/l	99
85) sec-Butylbenzene	11.890	105	28012	2.216	ug/l	90
86) p-Isopropyltoluene	12.012	119	23804	2.258	ug/l	100
89) n-Butylbenzene	12.329	91	47297m	5.135	ug/l	
95) Naphthalene	13.774	128	203552	16.933	ug/l	98

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

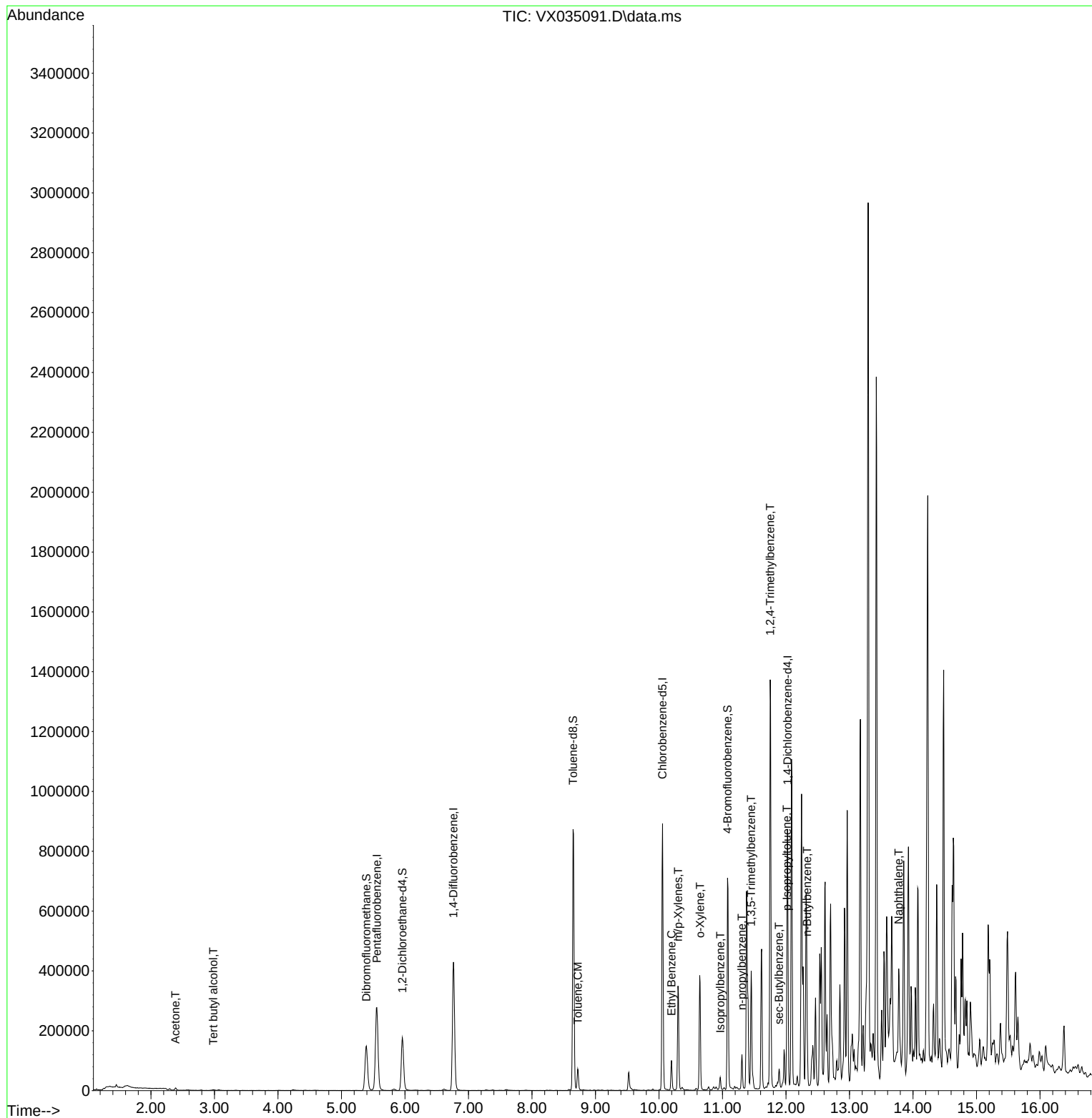
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041523\
Data File : VX035091.D
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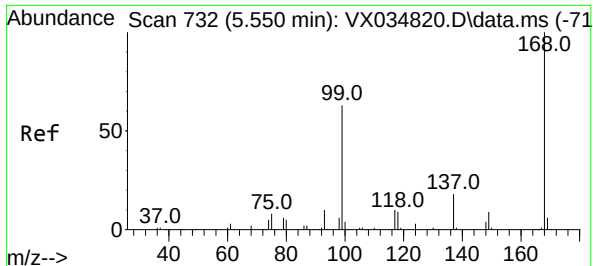
Instrument :
MSVOA_X
ClientSampleId :
BUR-1253

Quant Time: Apr 17 08:58:09 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
Quant Title : SW846 8260
QLast Update : Sat Apr 01 01:50:18 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

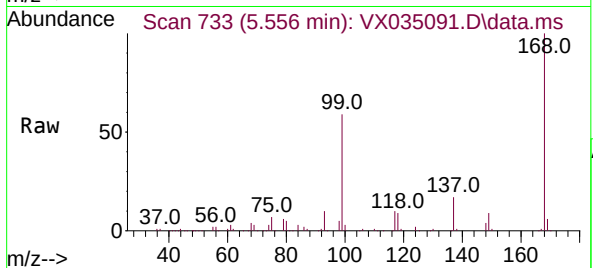
Reviewed By : John Carlone 04/17/2023
Supervised By : Mahesh Dadoda 04/17/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 711
Delta R.T. 0.006 min
Lab File: VX035091.D
Acq: 14 Apr 2023 18:17

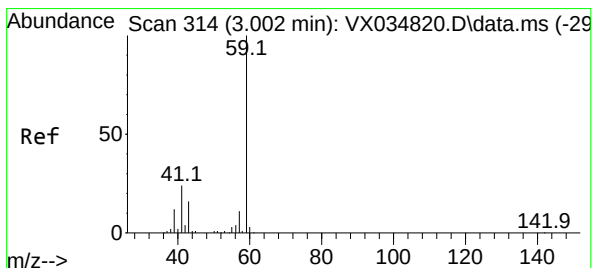
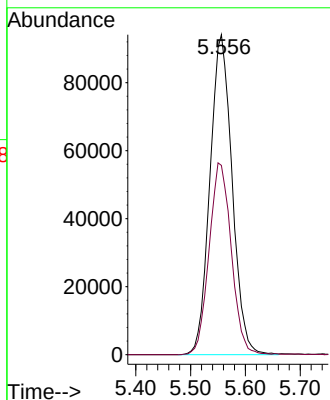
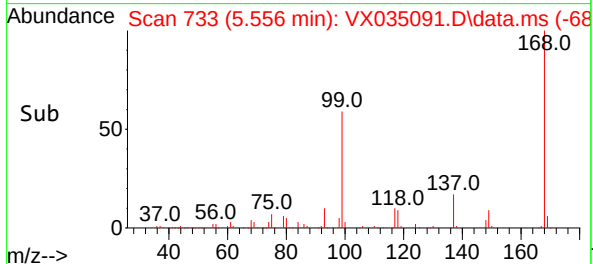
Instrument :
MSVOA_X
ClientSampleId :
BUR-1253



Tgt Ion:168 Resp: 26401
Ion Ratio Lower Upper
168 100
99 59.1 45.7 68.5

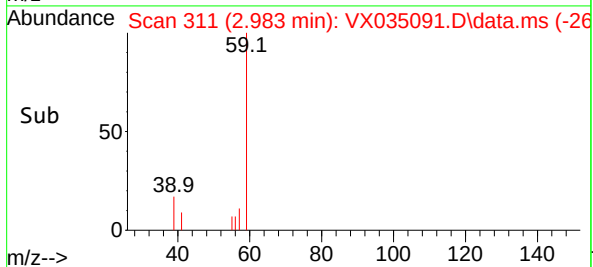
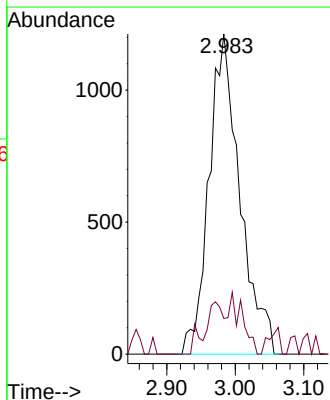
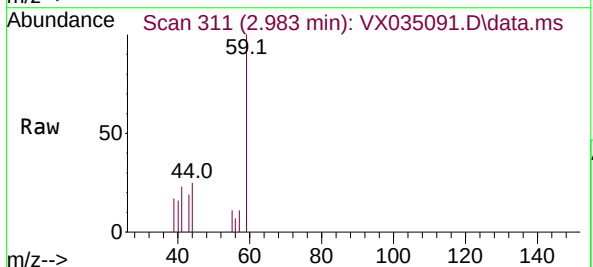
Manual Integrations
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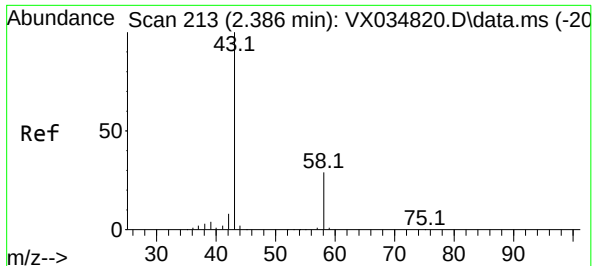
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#11
Tert butyl alcohol
Concen: 5.360 ug/l
RT: 2.983 min Scan# 311
Delta R.T. -0.018 min
Lab File: VX035091.D
Acq: 14 Apr 2023 18:17

Tgt Ion: 59 Resp: 3797
Ion Ratio Lower Upper
59 100
57 7.6 8.1 12.1#





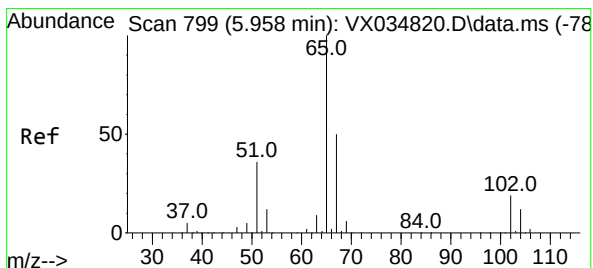
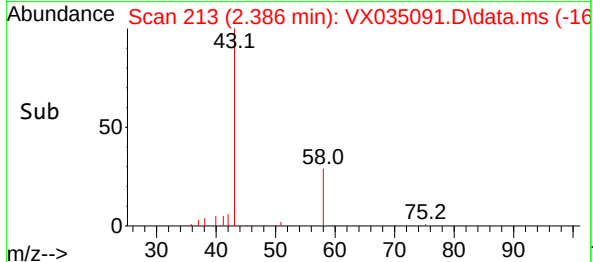
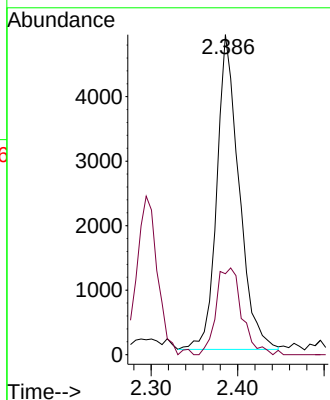
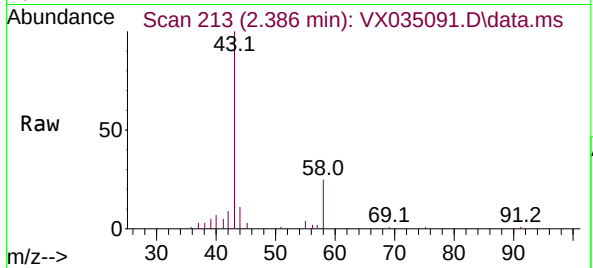
#16
Acetone
Concen: 5.314 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX035091.D
Acq: 14 Apr 2023 18:17

Instrument :
MSVOA_X
ClientSampleId :
BUR-1253

Tgt Ion: 43 Resp: 8710
Ion Ratio Lower Upper
43 100
58 25.7 24.7 37.1

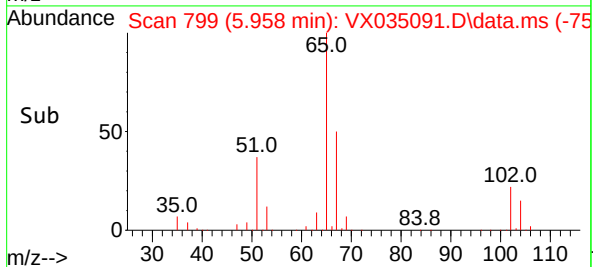
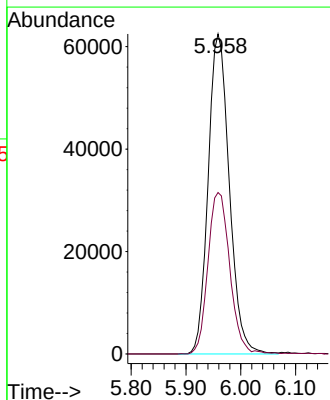
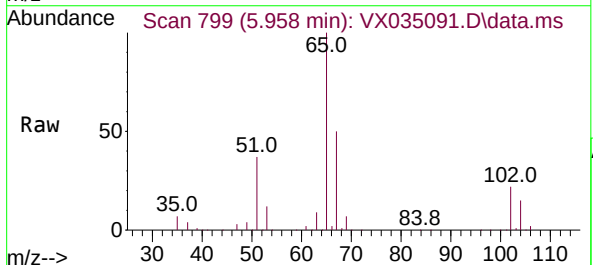
Manual Integrations
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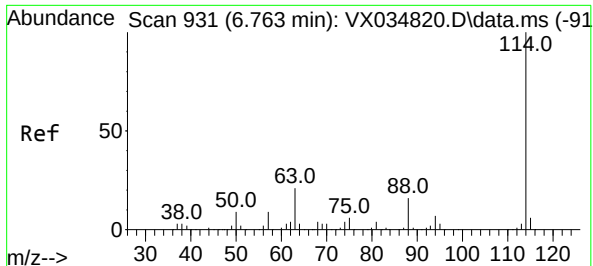
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#33
1,2-Dichloroethane-d4
Concen: 41.411 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX035091.D
Acq: 14 Apr 2023 18:17

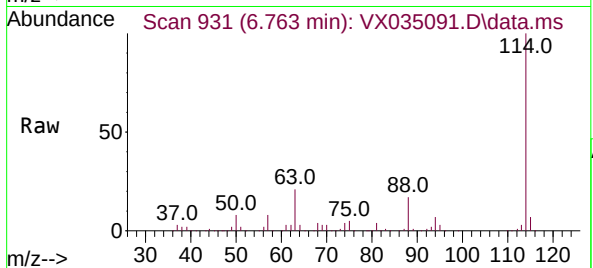
Tgt Ion: 65 Resp: 167206
Ion Ratio Lower Upper
65 100
67 52.2 0.0 104.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX035091.D
Acq: 14 Apr 2023 18:17

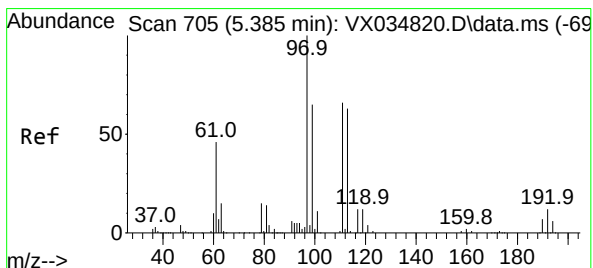
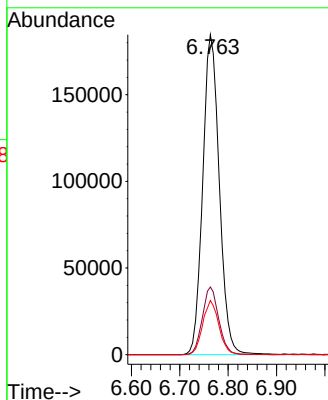
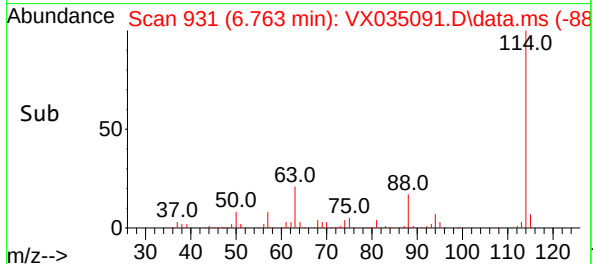
Instrument :
MSVOA_X
ClientSampleId :
BUR-1253



Tgt Ion:114 Resp: 439948
Ion Ratio Lower Upper
114 100
63 21.1 0.0 42.2
88 16.9 0.0 33.2

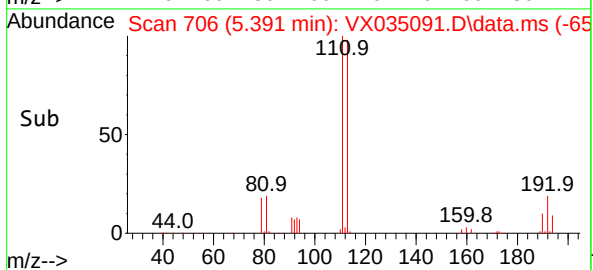
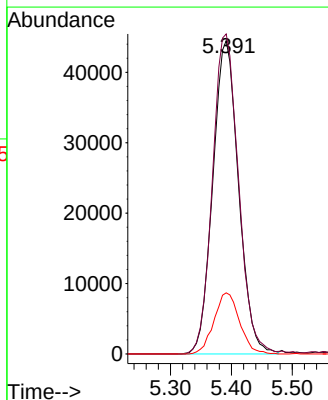
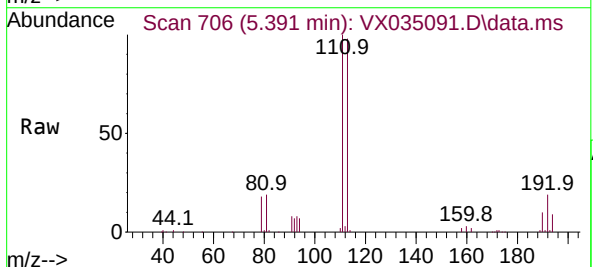
Manual Integrations
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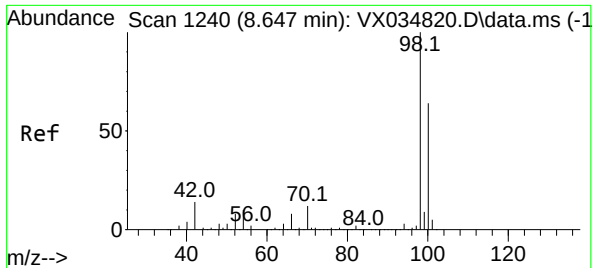
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#35
Dibromofluoromethane
Concen: 44.864 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX035091.D
Acq: 14 Apr 2023 18:17

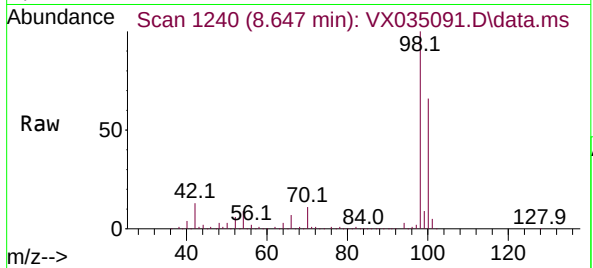
Tgt Ion:113 Resp: 130551
Ion Ratio Lower Upper
113 100
111 103.8 83.7 125.5
192 19.4 15.4 23.2





#50
Toluene-d8
Concen: 48.817 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX035091.D
Acq: 14 Apr 2023 18:17

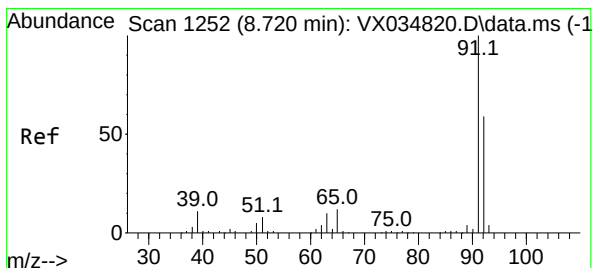
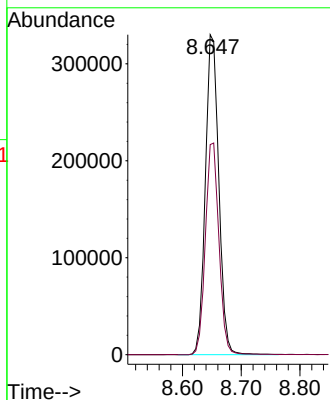
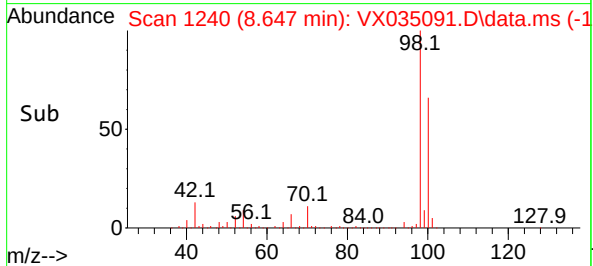
Instrument :
MSVOA_X
ClientSampleId :
BUR-1253



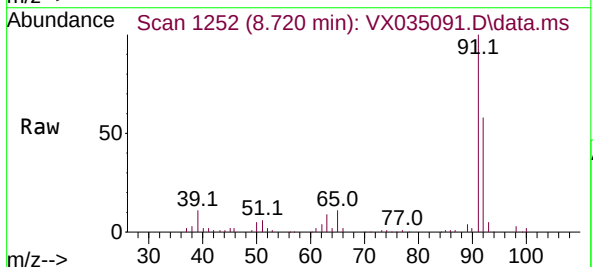
Tgt Ion: 98 Resp: 524330
Ion Ratio Lower Upper
98 100
100 66.8 52.5 78.7

Manual Integrations
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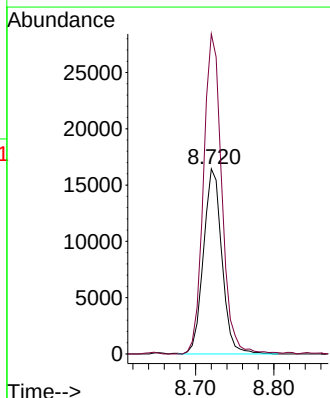
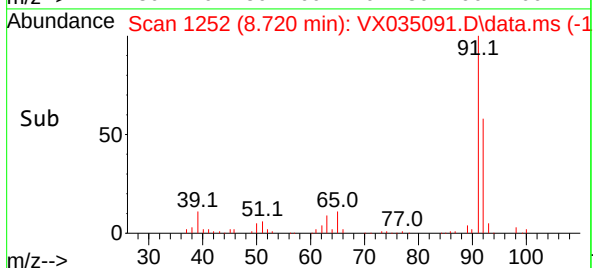
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023

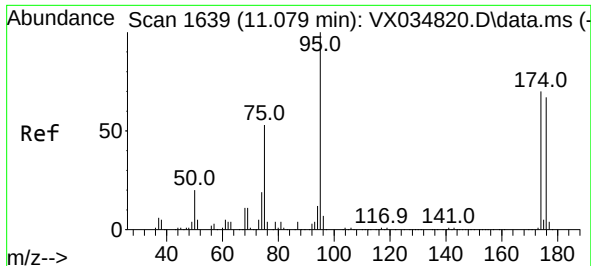


#52
Toluene
Concen: 3.330 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX035091.D
Acq: 14 Apr 2023 18:17



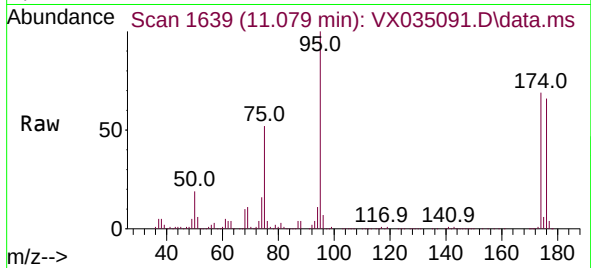
Tgt Ion: 92 Resp: 26867
Ion Ratio Lower Upper
92 100
91 171.6 136.8 205.2





#62
4-Bromofluorobenzene
Concen: 47.386 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035091.D
Acq: 14 Apr 2023 18:17

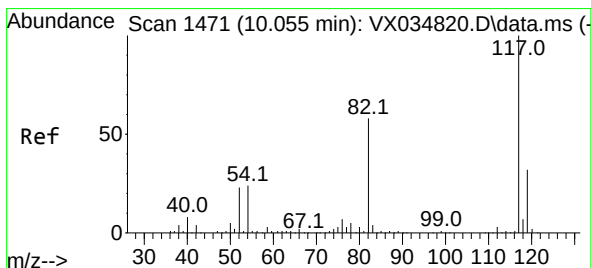
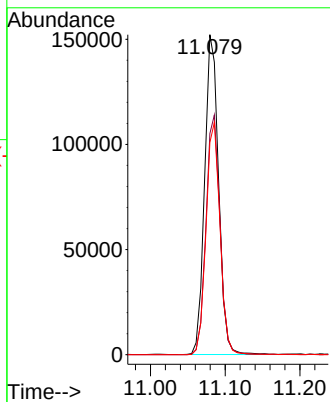
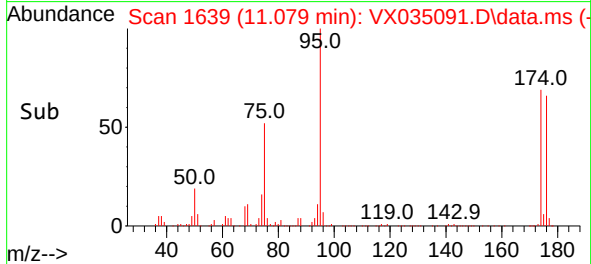
Instrument :
MSVOA_X
ClientSampleId :
BUR-1253



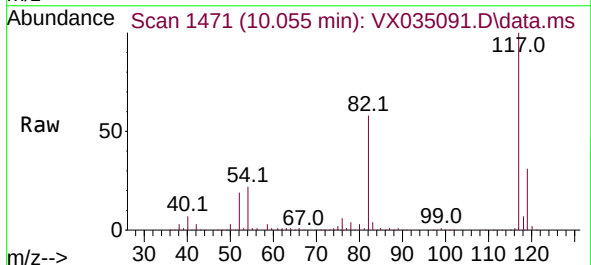
Tgt Ion: 95 Resp: 196952
Ion Ratio Lower Upper
95 100
174 75.3 0.0 147.4
176 72.8 0.0 140.6

Manual Integrations
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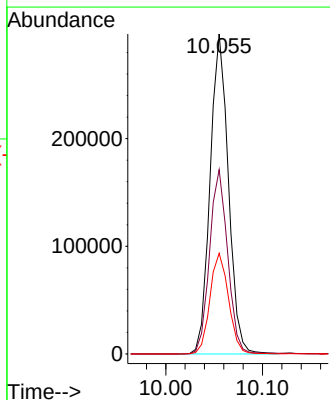
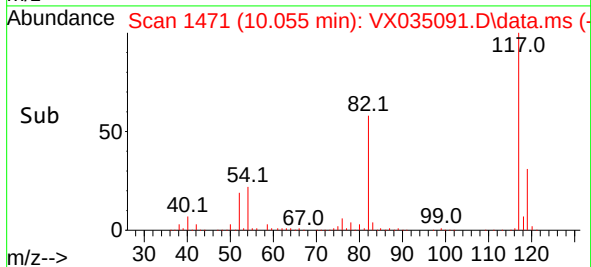
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023

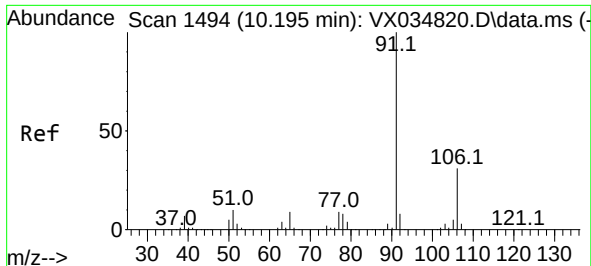


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035091.D
Acq: 14 Apr 2023 18:17



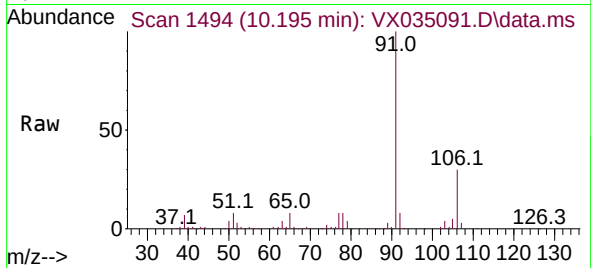
Tgt Ion:117 Resp: 390272
Ion Ratio Lower Upper
117 100
82 57.6 45.0 67.4
119 31.5 26.0 39.0





#67
Ethyl Benzene
Concen: 3.786 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX035091.D
Acq: 14 Apr 2023 18:17

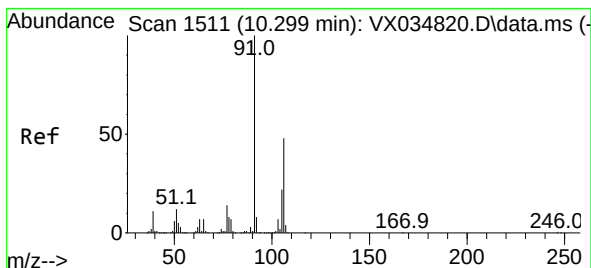
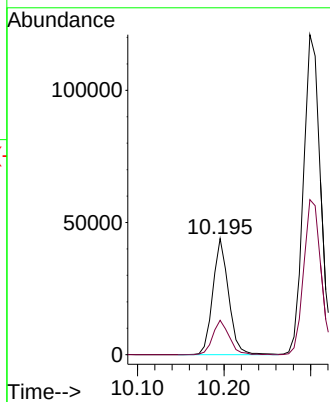
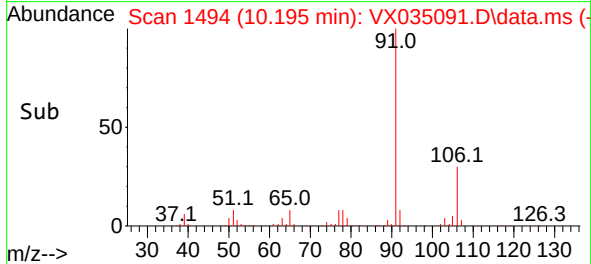
Instrument :
MSVOA_X
ClientSampleId :
BUR-1253



Tgt Ion: 91 Resp: 55680
Ion Ratio Lower Upper
91 100
106 29.7 25.6 38.4

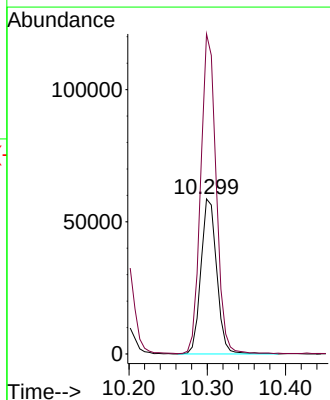
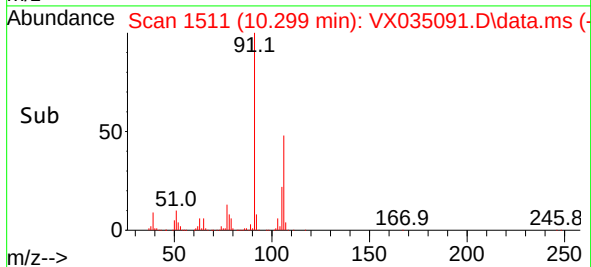
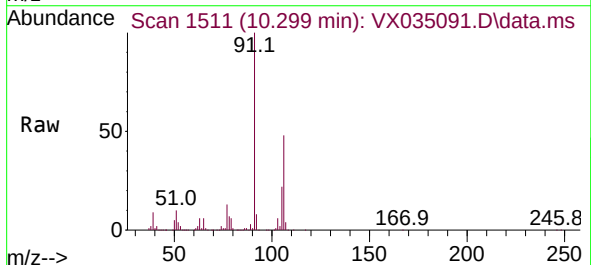
Manual Integrations
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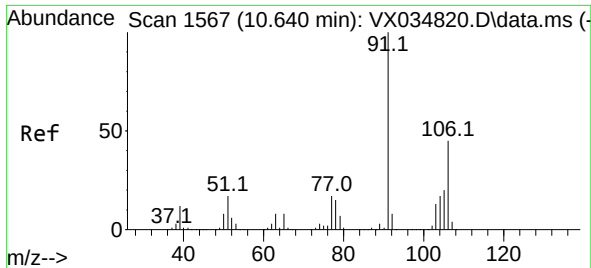
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#68
m/p-Xylenes
Concen: 14.605 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX035091.D
Acq: 14 Apr 2023 18:17

Tgt Ion:106 Resp: 82065
Ion Ratio Lower Upper
106 100
91 202.2 164.0 246.0





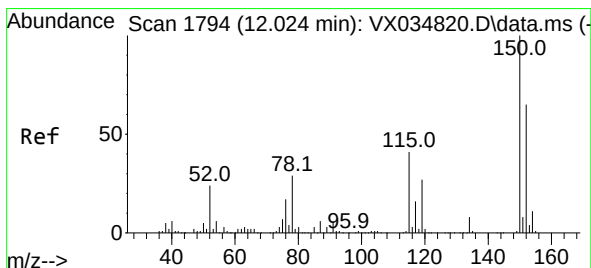
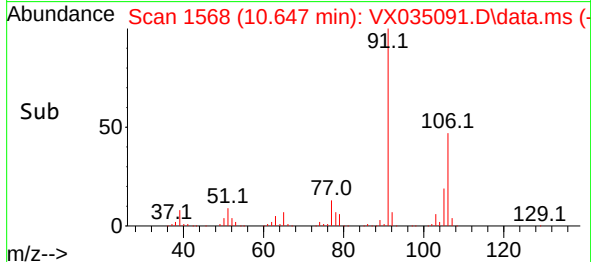
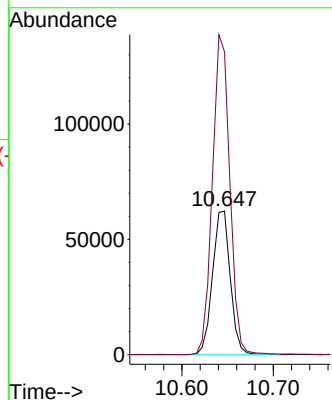
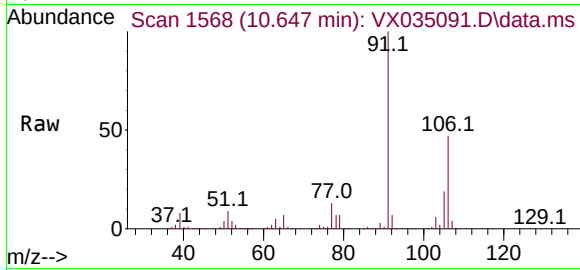
#69
o-Xylene
Concen: 15.271 ug/l
RT: 10.647 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX035091.D
Acq: 14 Apr 2023 18:17

Instrument :
MSVOA_X
ClientSampleId :
BUR-1253

Tgt Ion:106 Resp: 84062
Ion Ratio Lower Upper
106 100
91 217.9 108.5 325.3

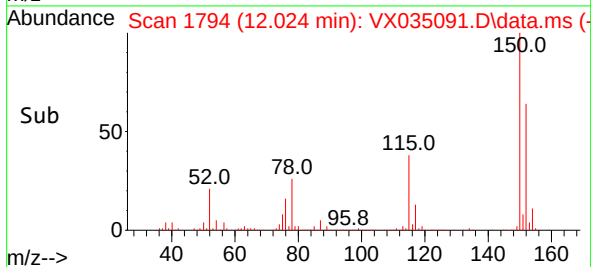
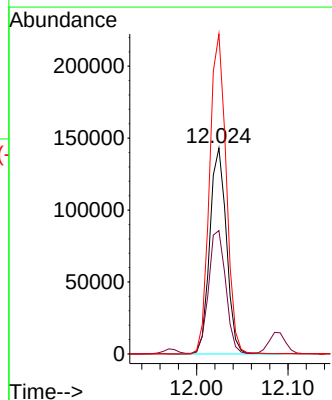
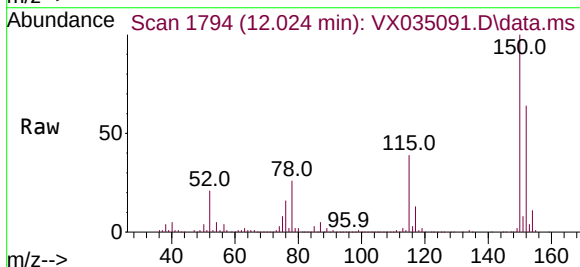
Manual Integrations
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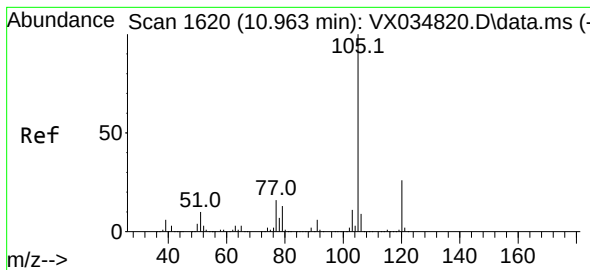
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035091.D
Acq: 14 Apr 2023 18:17

Tgt Ion:152 Resp: 180693
Ion Ratio Lower Upper
152 100
115 62.2 45.0 135.0
150 155.6 0.0 352.4





#73

Isopropylbenzene

Concen: 1.503 ug/l

RT: 10.964 min Scan# 1620

Delta R.T. 0.001 min

Lab File: VX035091.D

Acq: 14 Apr 2023 18:17

Instrument :

MSVOA_X

ClientSampleId :

BUR-1253

Tgt Ion:105 Resp: 1989

Ion Ratio Lower Upper

105 100

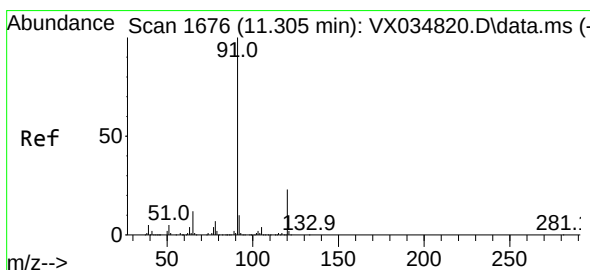
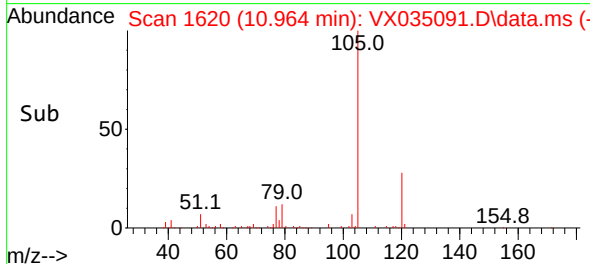
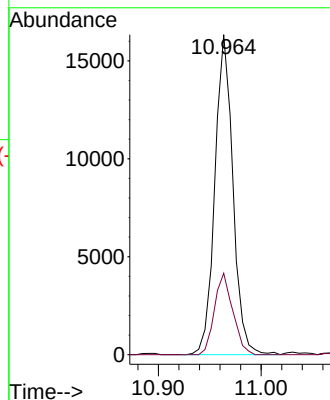
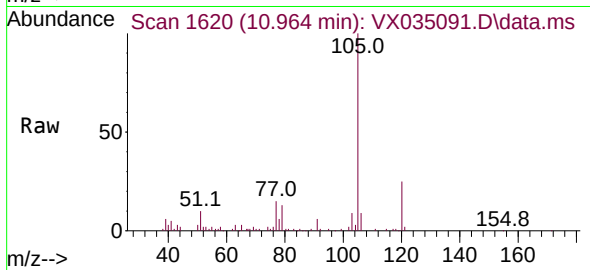
120 25.8 13.3 39.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2023

Supervised By :Mahesh Dadoda 04/17/2023



#78

n-propylbenzene

Concen: 4.585 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX035091.D

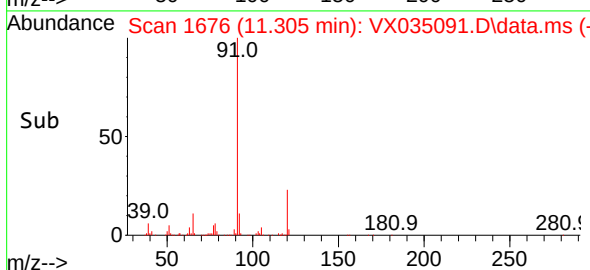
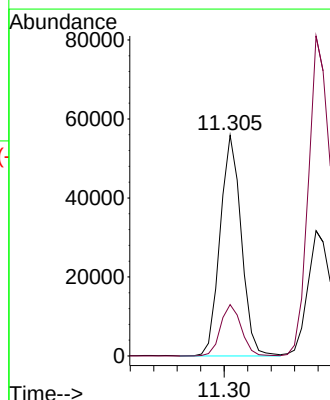
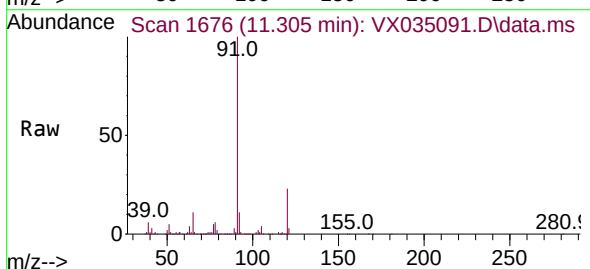
Acq: 14 Apr 2023 18:17

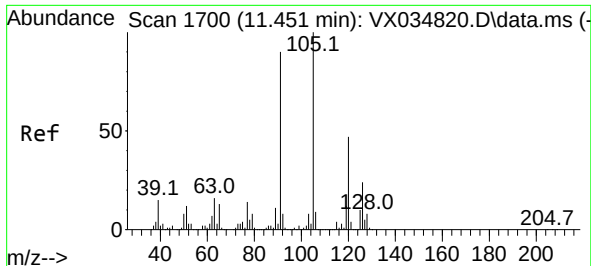
Tgt Ion: 91 Resp: 70112

Ion Ratio Lower Upper

91 100

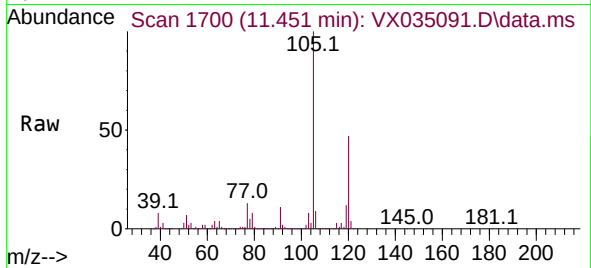
120 22.9 11.5 34.5





#80
1,3,5-Trimethylbenzene
Concen: 15.240 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035091.D
Acq: 14 Apr 2023 18:17

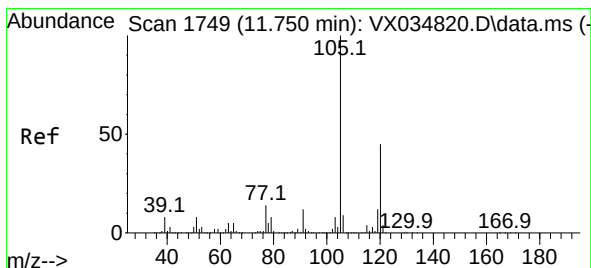
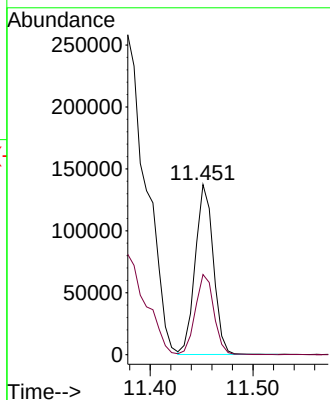
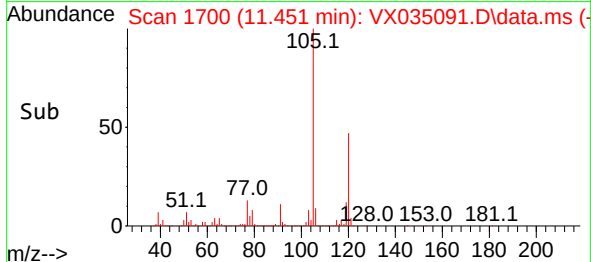
Instrument :
MSVOA_X
ClientSampleId :
BUR-1253



Tgt Ion:105 Resp: 168654
Ion Ratio Lower Upper
105 100
120 48.3 23.7 71.1

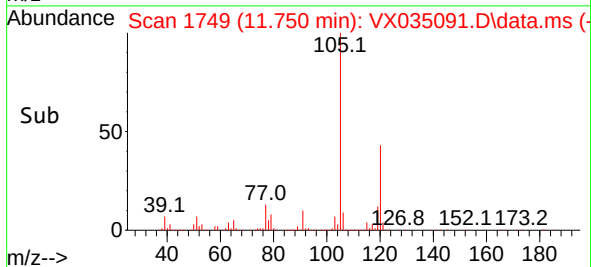
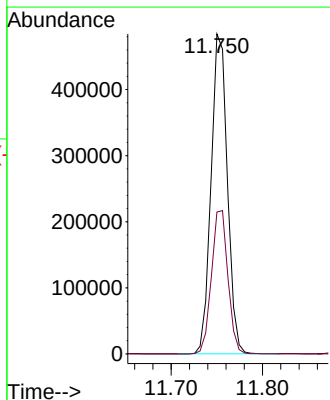
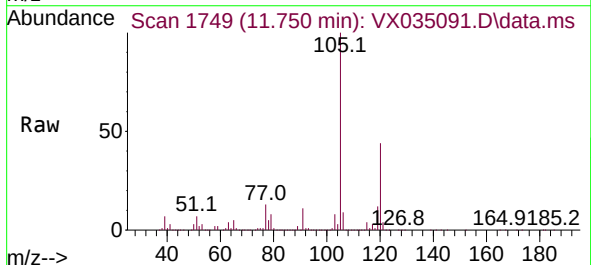
Manual Integrations
APPROVED

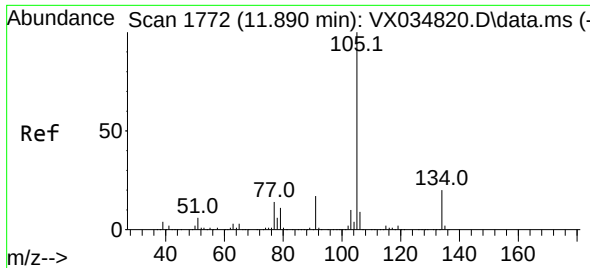
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#84
1,2,4-Trimethylbenzene
Concen: 53.117 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX035091.D
Acq: 14 Apr 2023 18:17

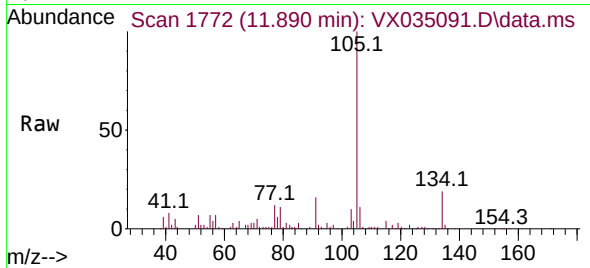
Tgt Ion:105 Resp: 597778
Ion Ratio Lower Upper
105 100
120 45.5 22.4 67.0





#85
 sec-Butylbenzene
 Concen: 2.216 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX035091.D
 Acq: 14 Apr 2023 18:17

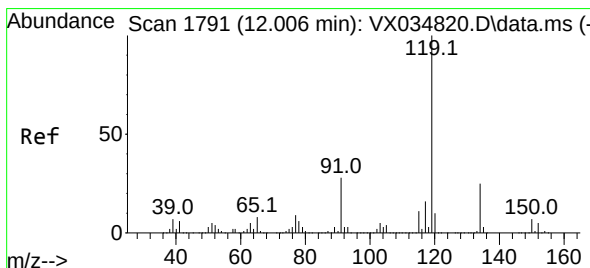
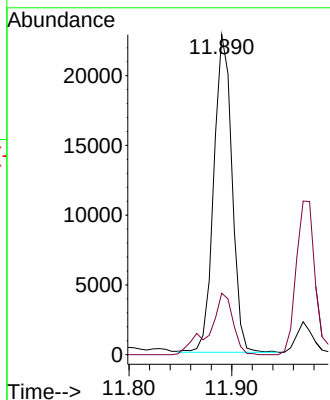
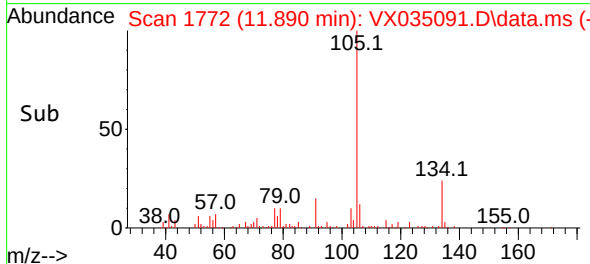
Instrument :
 MSVOA_X
 ClientSampleId :
 BUR-1253



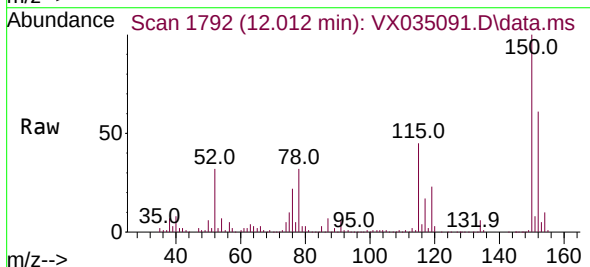
Tgt Ion:105 Resp: 2801
 Ion Ratio Lower Upper
 105 100
 134 25.0 10.2 30.4

Manual Integrations
 APPROVED

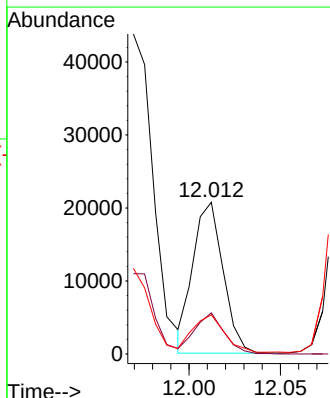
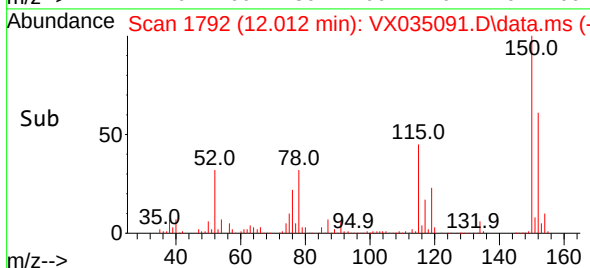
Reviewed By :John Carlone 04/17/2023
 Supervised By :Mahesh Dadoda 04/17/2023

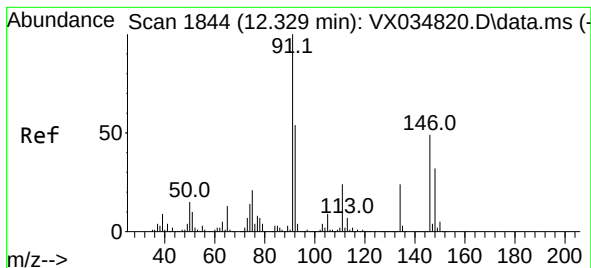


#86
 p-Isopropyltoluene
 Concen: 2.258 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX035091.D
 Acq: 14 Apr 2023 18:17



Tgt Ion:119 Resp: 23804
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.2 39.5
 91 25.7 12.9 38.7





#89

n-Butylbenzene

Concen: 5.135 ug/l m

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX035091.D

Acq: 14 Apr 2023 18:17

Instrument :

MSVOA_X

ClientSampleId :

BUR-1253

Tgt Ion: 91 Resp: 4729

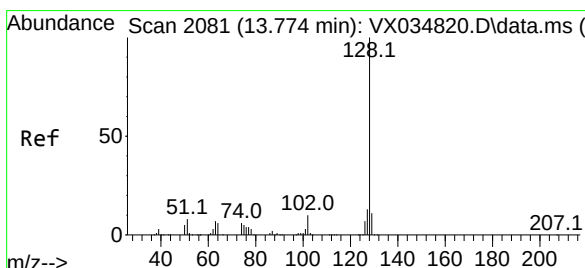
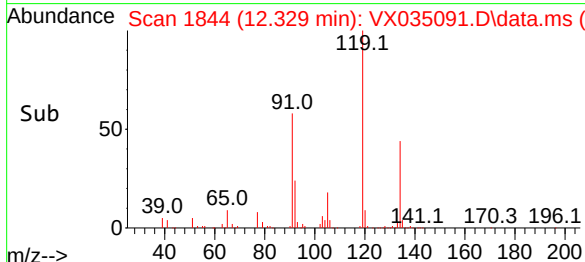
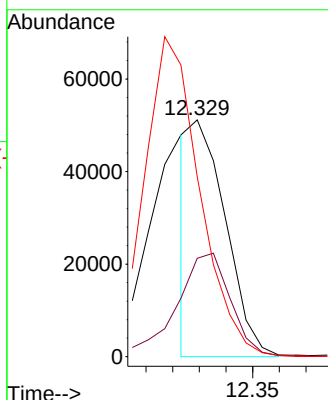
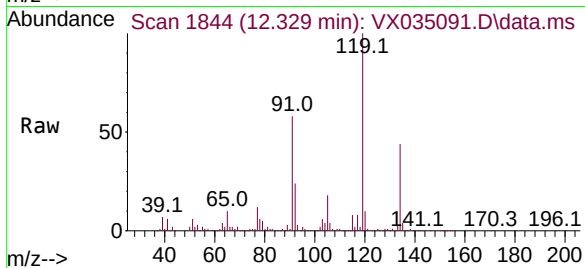
Ion	Ratio	Lower	Upper
91	100		
92	66.5	27.7	83.0
134	211.5	13.0	38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2023

Supervised By :Mahesh Dadoda 04/17/2023



#95

Naphthalene

Concen: 16.933 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX035091.D

Acq: 14 Apr 2023 18:17

Tgt Ion:128 Resp: 203552

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.2	15.4
129	12.1	8.6	13.0

