

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041523\
 Data File : VX035081.D
 Acq On : 14 Apr 2023 14:22
 Operator : JC/MD
 Sample : 02345-01
 Misc : 1.50g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1595

Manual Integrations
 APPROVED

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

Quant Time: Apr 17 05:09:57 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

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	262760	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	441843	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	404201	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	190214	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	168948	42.042	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	84.080%		
35) Dibromofluoromethane	5.391	113	124927	42.748	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	85.500%		
50) Toluene-d8	8.647	98	536050	49.695	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.380%		
62) 4-Bromofluorobenzene	11.085	95	201369	48.241	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.480%		
Target Compounds					Qvalue	
16) Acetone	2.416	43	3728449	2283.940	ug/l	99
25) 2-Butanone	4.617	43	6065m	2.554	ug/l	
39) Methylcyclohexane	7.373	83	125504	27.297	ug/l	91
52) Toluene	8.726	92	9879014	1219.062	ug/l	79
64) Tetrachloroethene	9.275	164	4309	1.490	ug/l #	87
67) Ethyl Benzene	10.195	91	257319	16.890	ug/l	96
68) m/p-Xylenes	10.299	106	336380	57.801	ug/l	99
69) o-Xylene	10.640	106	102501	17.979	ug/l	97
73) Isopropylbenzene	10.964	105	15197	1.091	ug/l	97
78) n-propylbenzene	11.305	91	60163	3.738	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	83500	7.168	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	347430	29.326	ug/l	99
86) p-Isopropyltoluene	12.012	119	14238	1.283	ug/l	99
89) n-Butylbenzene	12.329	91	50255	5.183	ug/l #	38
95) Naphthalene	13.780	128	164516	13.000	ug/l	99

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

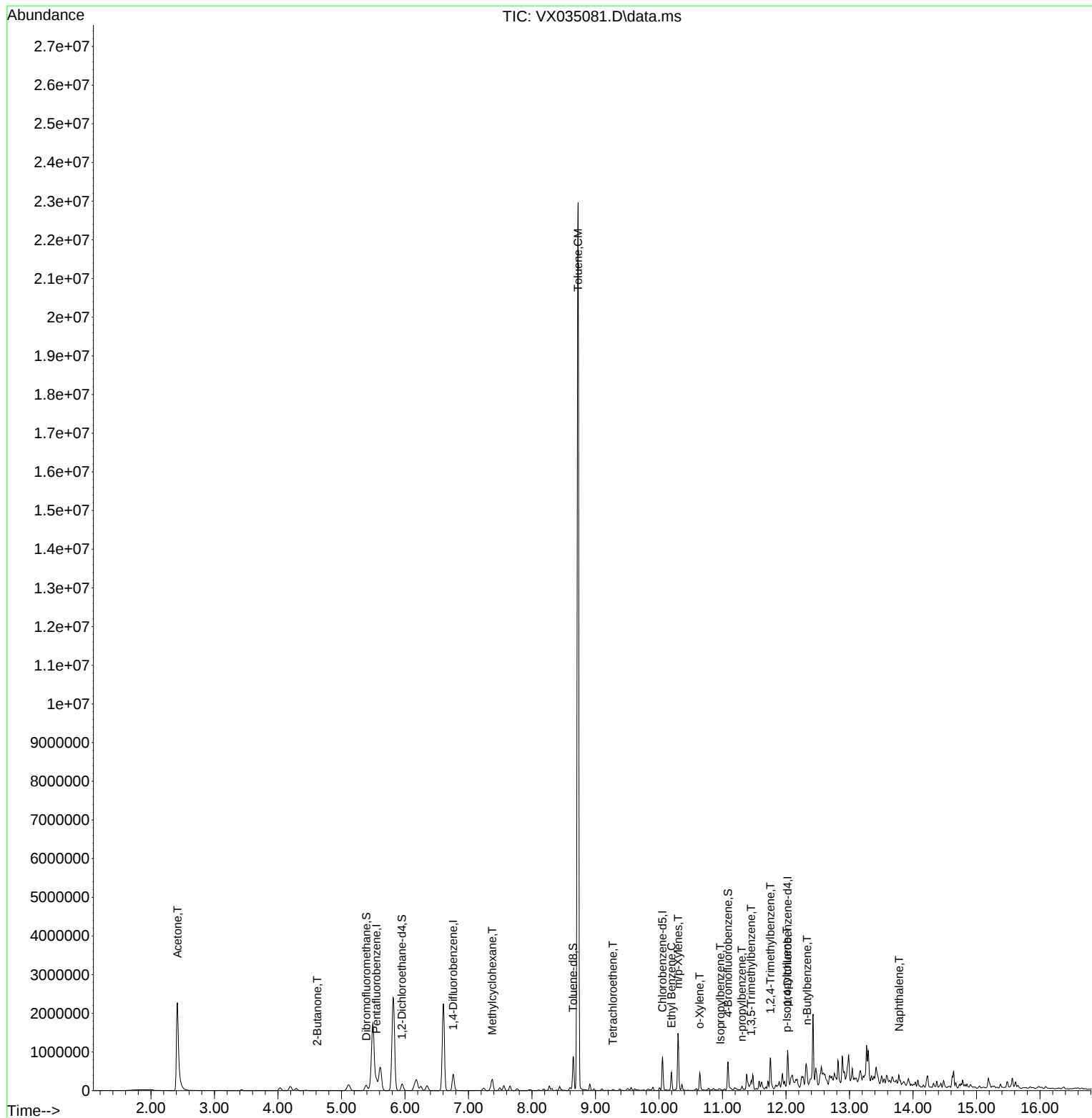
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041523\
Data File : VX035081.D
Acq On : 14 Apr 2023 14:22
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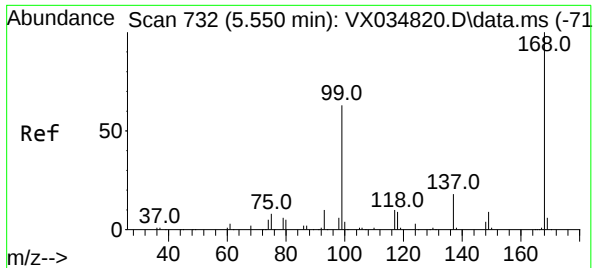
Instrument :
MSVOA_X
ClientSampleId :
1595

Quant Time: Apr 17 05:09:57 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

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APPROVED

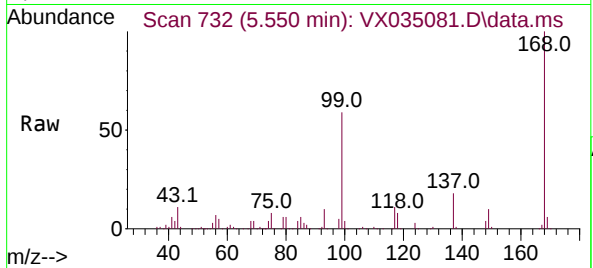
Reviewed By : John Carlone 04/17/2023
Supervised By : Mahesh Dadoda 04/17/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX035081.D
Acq: 14 Apr 2023 14:22

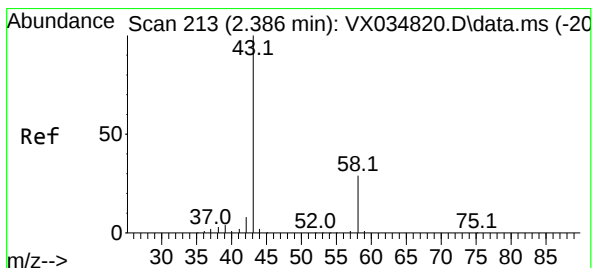
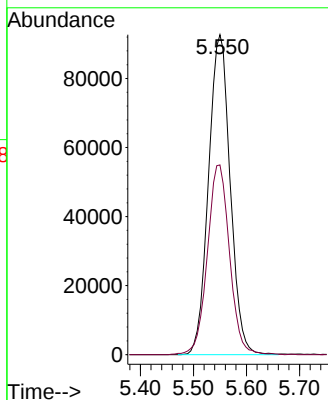
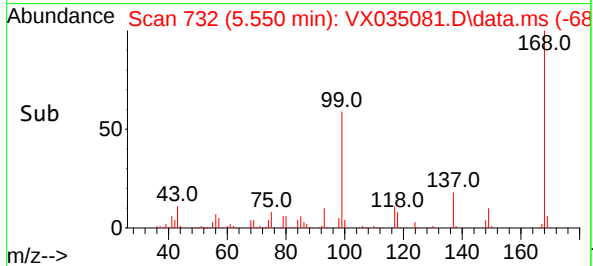
Instrument :
MSVOA_X
ClientSampleId :
1595



Tgt Ion:168 Resp: 262760
Ion Ratio Lower Upper
168 100
99 59.1 45.7 68.5

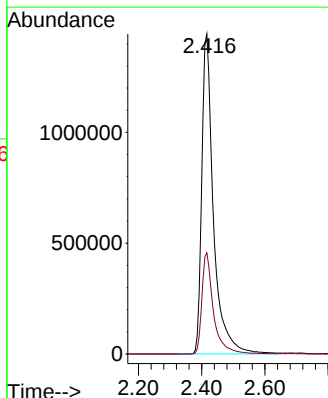
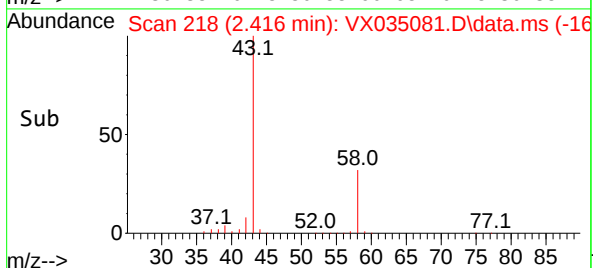
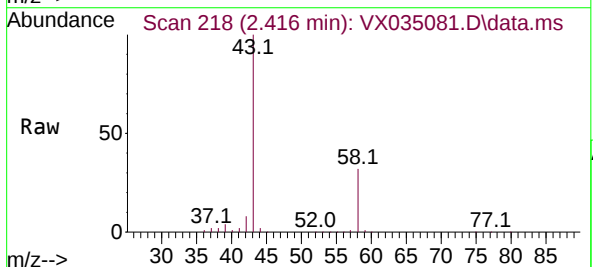
Manual Integrations
APPROVED

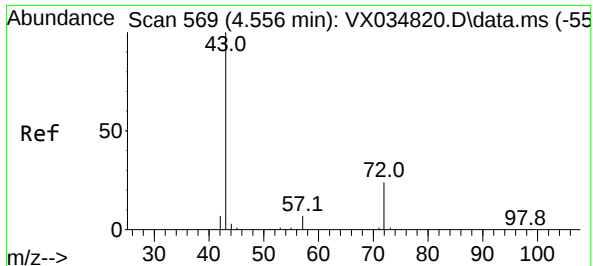
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#16
Acetone
Concen: 2283.940 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.031 min
Lab File: VX035081.D
Acq: 14 Apr 2023 14:22

Tgt Ion: 43 Resp: 3728449
Ion Ratio Lower Upper
43 100
58 31.6 24.7 37.1





#25

2-Butanone

Concen: 2.554 ug/l m

RT: 4.617 min Scan# 51

Delta R.T. 0.061 min

Lab File: VX035081.D

Acq: 14 Apr 2023 14:22

Instrument :

MSVOA_X

ClientSampleId :

1595

Tgt Ion: 43 Resp: 606

Ion Ratio Lower Upper

43 100

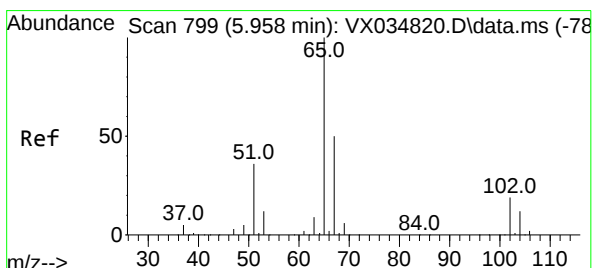
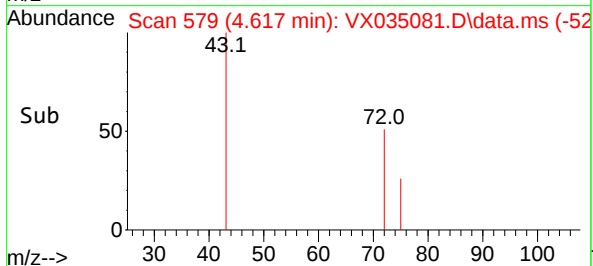
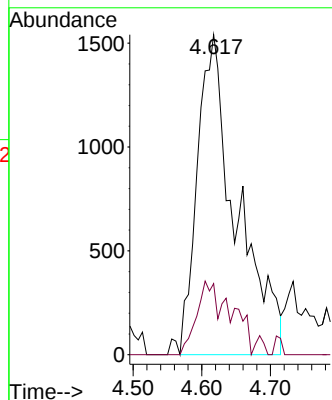
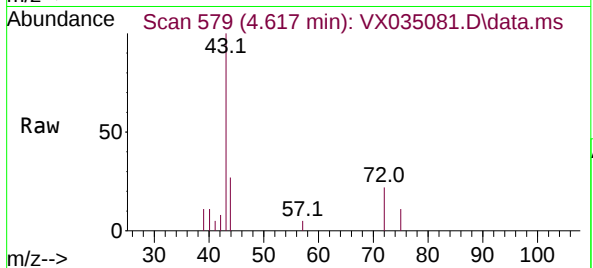
72 22.2 19.3 28.9

Manual Integrations

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Supervised By :Mahesh Dadoda 04/17/2023



#33

1,2-Dichloroethane-d4

Concen: 42.042 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX035081.D

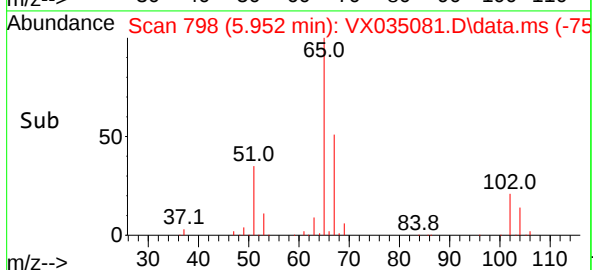
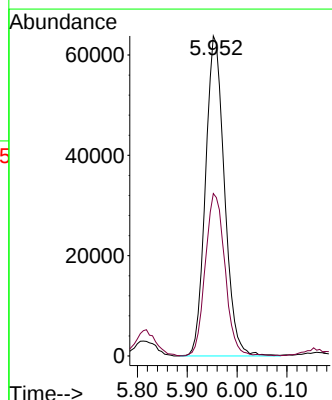
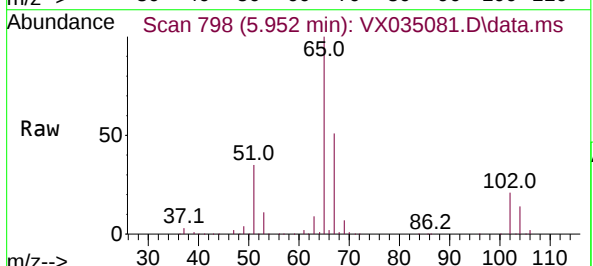
Acq: 14 Apr 2023 14:22

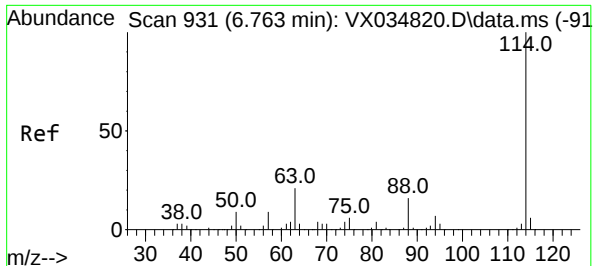
Tgt Ion: 65 Resp: 168948

Ion Ratio Lower Upper

65 100

67 52.7 0.0 104.0





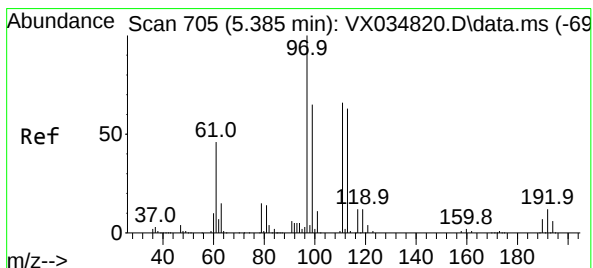
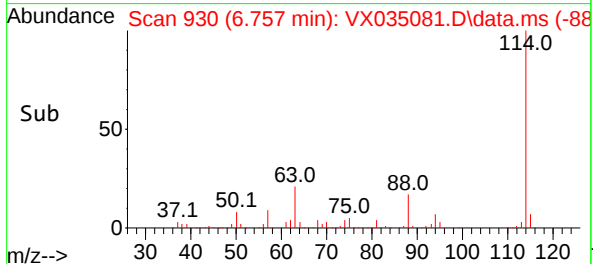
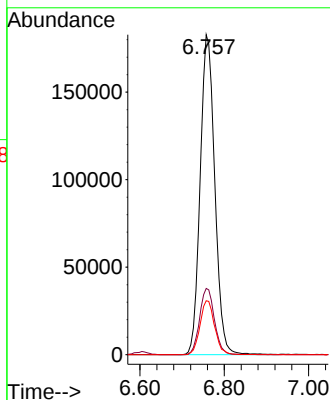
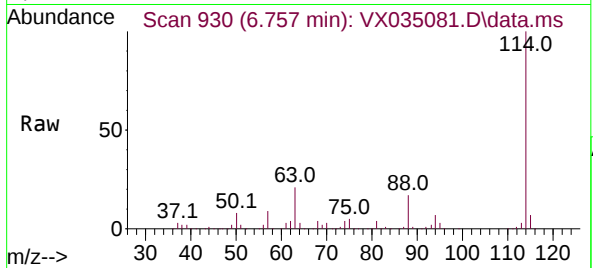
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 914
Delta R.T. -0.006 min
Lab File: VX035081.D
Acq: 14 Apr 2023 14:22

Instrument :
MSVOA_X
ClientSampleId :
1595

Tgt Ion:114 Resp: 44184
Ion Ratio Lower Upper
114 100
63 20.7 0.0 42.2
88 16.8 0.0 33.2

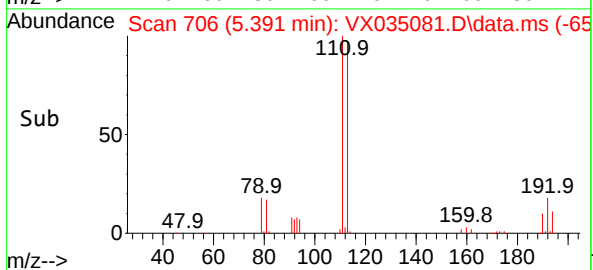
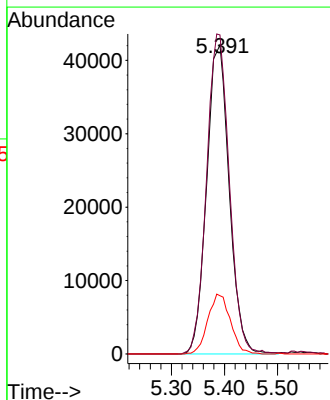
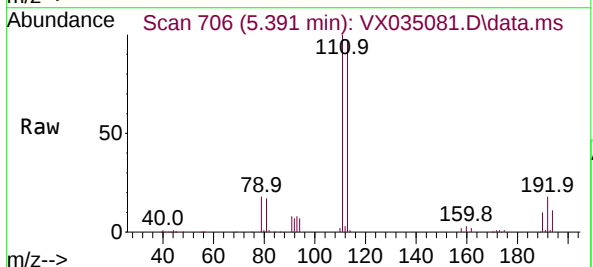
Manual Integrations
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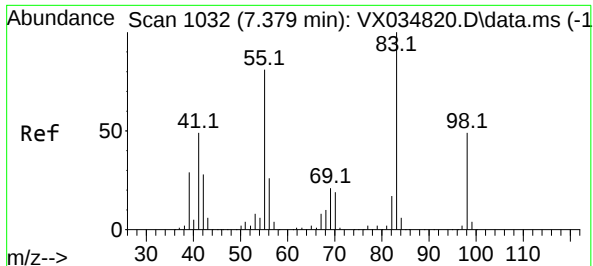
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#35
Dibromofluoromethane
Concen: 42.748 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX035081.D
Acq: 14 Apr 2023 14:22

Tgt Ion:113 Resp: 124927
Ion Ratio Lower Upper
113 100
111 104.1 83.7 125.5
192 19.3 15.4 23.2





#39

Methylcyclohexane

Concen: 27.297 ug/l

RT: 7.373 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX035081.D

Acq: 14 Apr 2023 14:22

Instrument :

MSVOA_X

ClientSampleId :

1595

Tgt Ion: 83 Resp: 125504

Ion Ratio Lower Upper

83 100

55 87.8 60.5 90.7

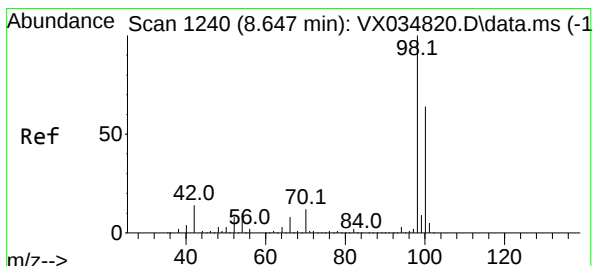
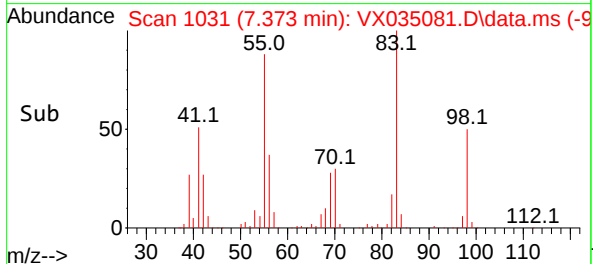
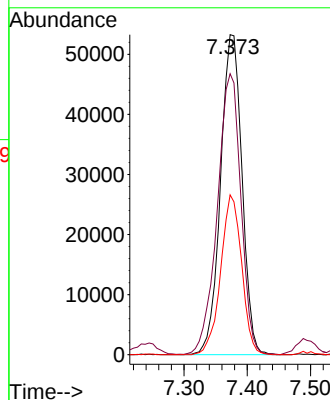
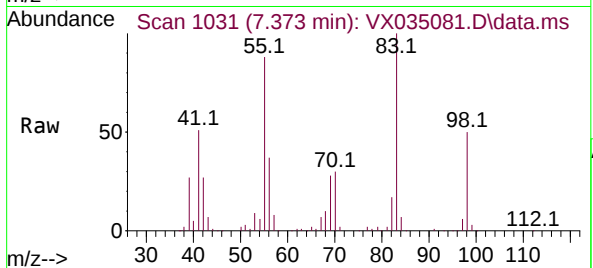
98 50.0 40.4 60.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2023

Supervised By :Mahesh Dadoda 04/17/2023



#50

Toluene-d8

Concen: 49.695 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX035081.D

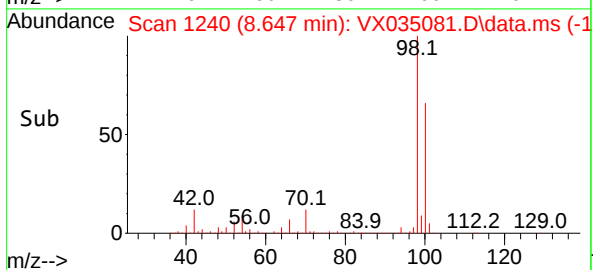
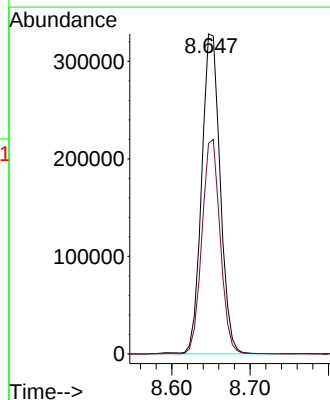
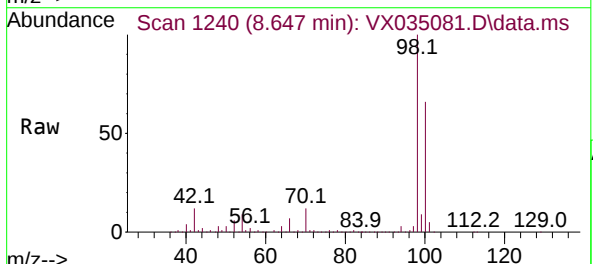
Acq: 14 Apr 2023 14:22

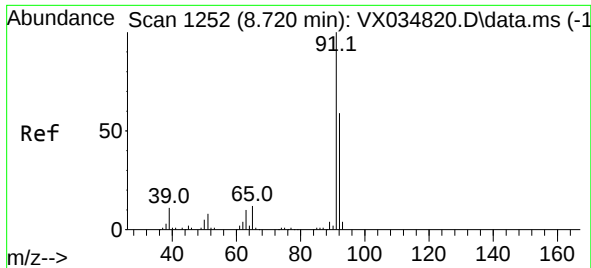
Tgt Ion: 98 Resp: 536050

Ion Ratio Lower Upper

98 100

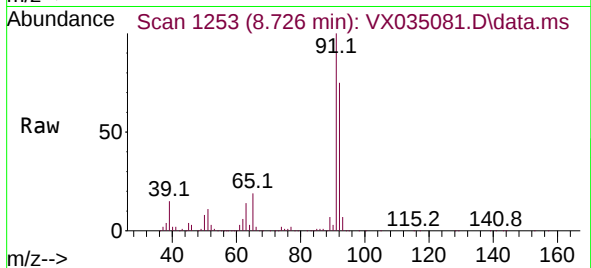
100 66.5 52.5 78.7





#52
Toluene
Concen: 1219.062 ug/l
RT: 8.726 min Scan# 11595
Delta R.T. 0.006 min
Lab File: VX035081.D
Acq: 14 Apr 2023 14:22

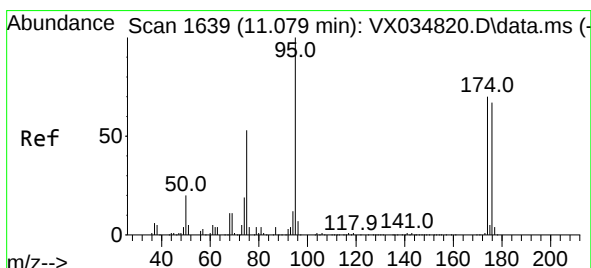
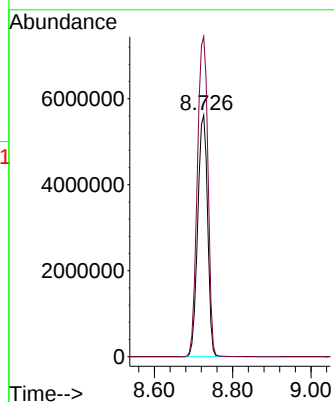
Instrument :
MSVOA_X
ClientSampleId :
1595



Tgt Ion: 92 Resp: 9879014
Ion Ratio Lower Upper
92 100
91 142.7 136.8 205.2

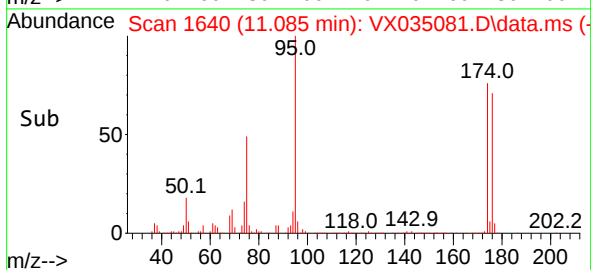
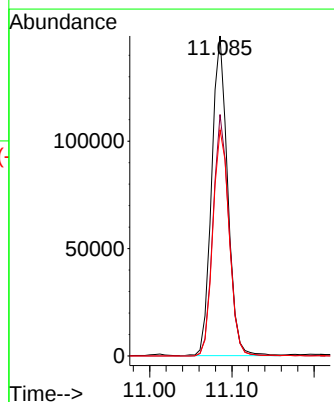
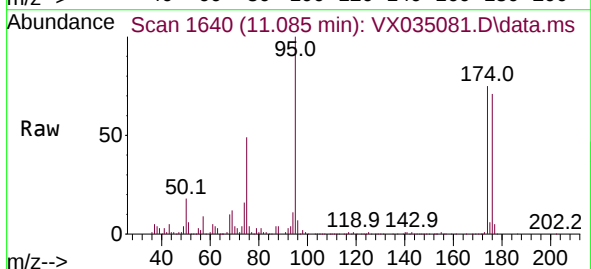
Manual Integrations
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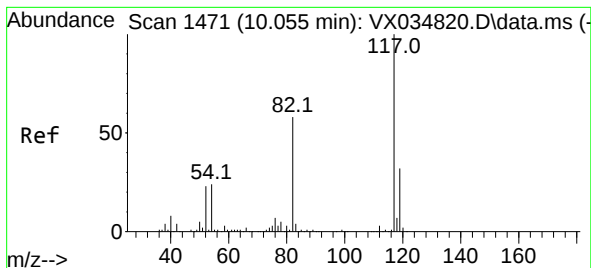
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#62
4-Bromofluorobenzene
Concen: 48.241 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX035081.D
Acq: 14 Apr 2023 14:22

Tgt Ion: 95 Resp: 201369
Ion Ratio Lower Upper
95 100
174 74.6 0.0 147.4
176 72.5 0.0 140.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX035081.D

Acq: 14 Apr 2023 14:22

Instrument :

MSVOA_X

ClientSampleId :

1595

Tgt Ion:117 Resp: 40420

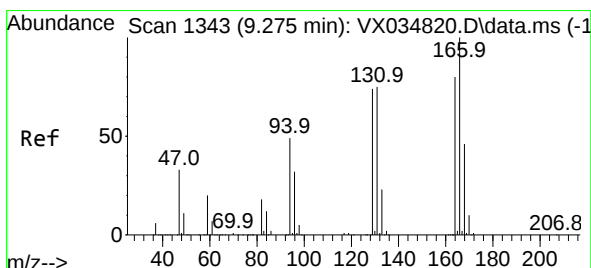
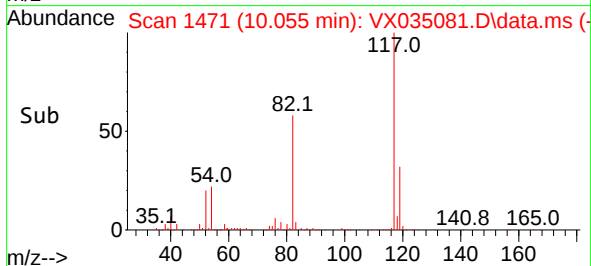
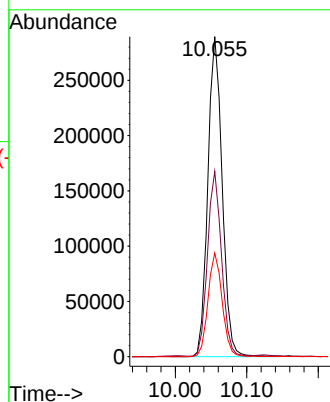
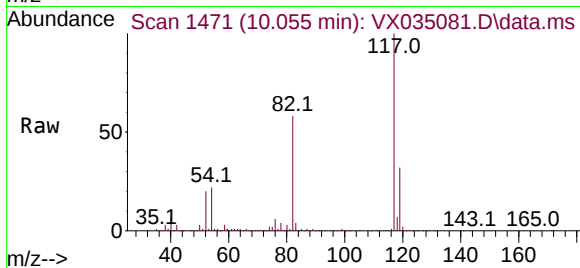
Ion	Ratio	Lower	Upper
117	100		
82	57.6	45.0	67.4
119	32.4	26.0	39.0

Manual Integrations

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Reviewed By :John Carlone 04/17/2023

Supervised By :Mahesh Dadoda 04/17/2023



#64

Tetrachloroethene

Concen: 1.490 ug/l

RT: 9.275 min Scan# 1343

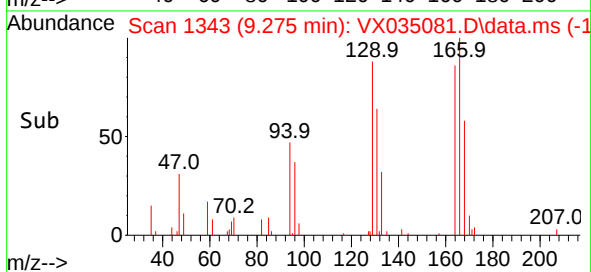
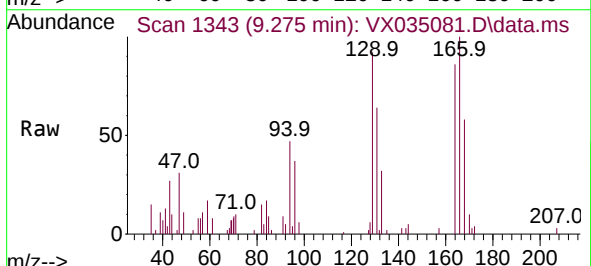
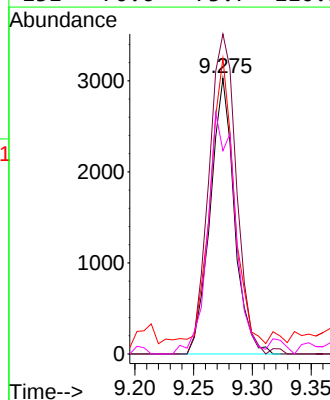
Delta R.T. 0.000 min

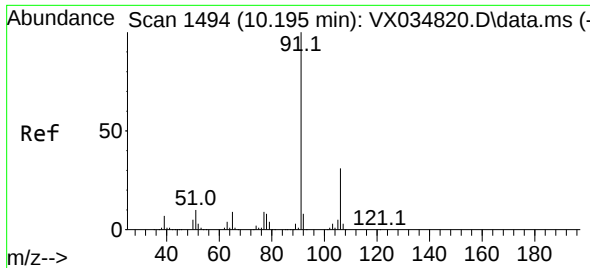
Lab File: VX035081.D

Acq: 14 Apr 2023 14:22

Tgt Ion:164 Resp: 4309

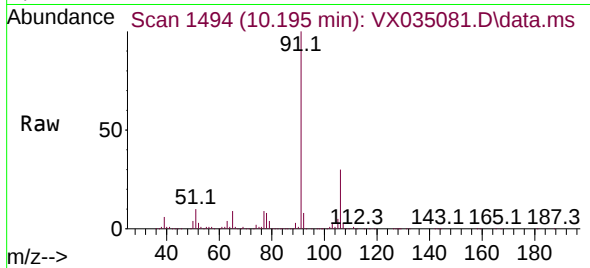
Ion	Ratio	Lower	Upper
164	100		
166	116.0	102.7	154.1
129	101.7	75.6	113.4
131	70.6	73.7	110.5





#67
Ethyl Benzene
Concen: 16.890 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX035081.D
Acq: 14 Apr 2023 14:22

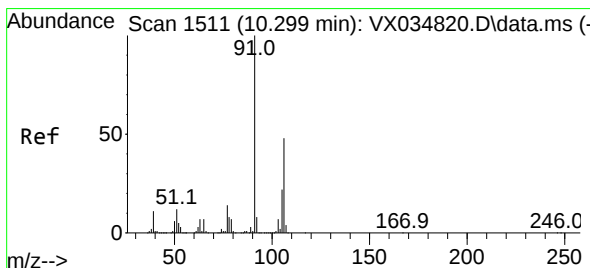
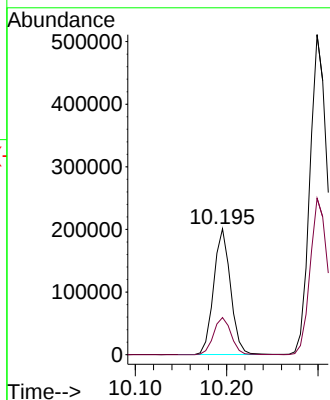
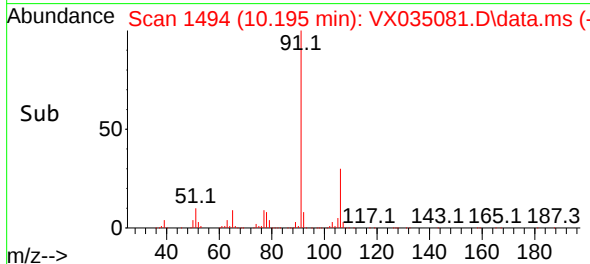
Instrument :
MSVOA_X
ClientSampleId :
1595



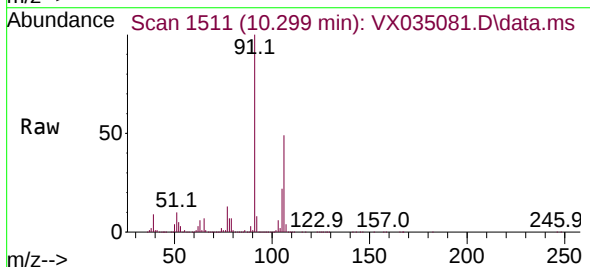
Tgt Ion: 91 Resp: 257319
Ion Ratio Lower Upper
91 100
106 29.5 25.6 38.4

Manual Integrations
APPROVED

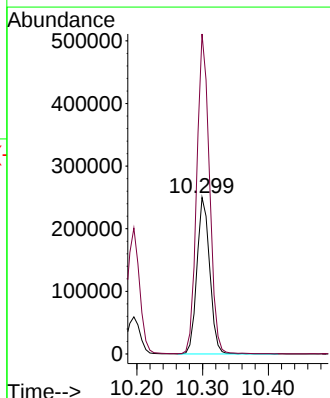
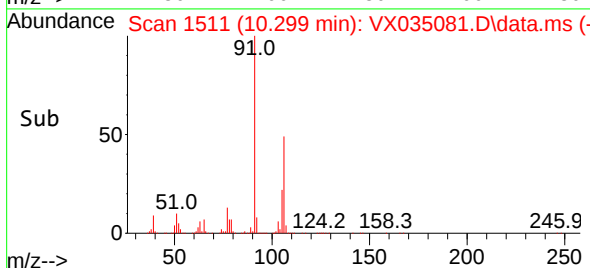
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023

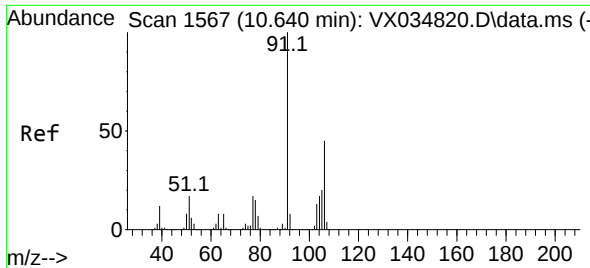


#68
m/p-Xylenes
Concen: 57.801 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX035081.D
Acq: 14 Apr 2023 14:22



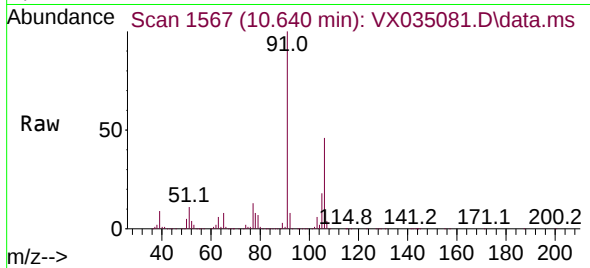
Tgt Ion:106 Resp: 336380
Ion Ratio Lower Upper
106 100
91 203.9 164.0 246.0





#69
o-Xylene
Concen: 17.979 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX035081.D
Acq: 14 Apr 2023 14:22

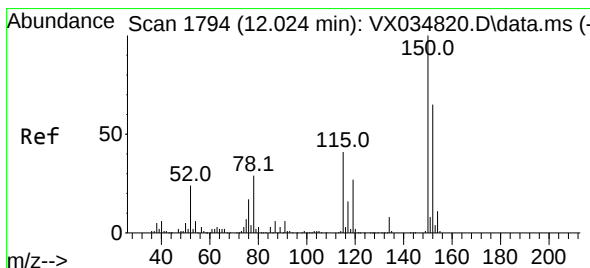
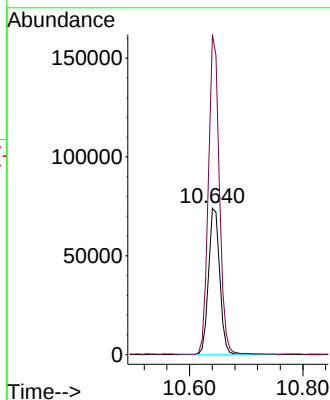
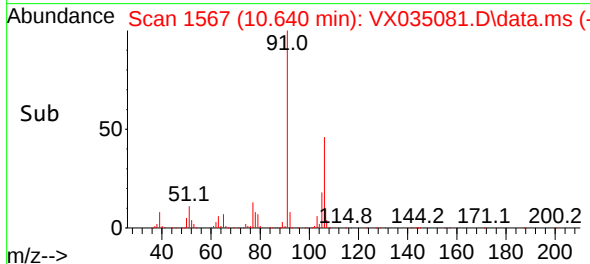
Instrument :
MSVOA_X
ClientSampleId :
1595



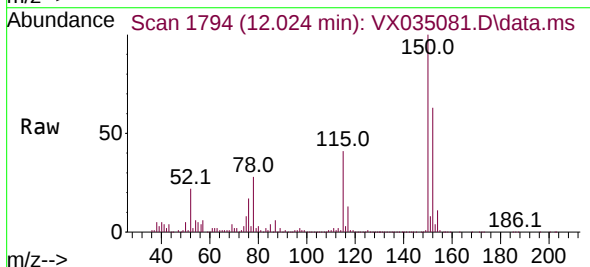
Tgt Ion:106 Resp: 10250
Ion Ratio Lower Upper
106 100
91 211.8 108.5 325.3

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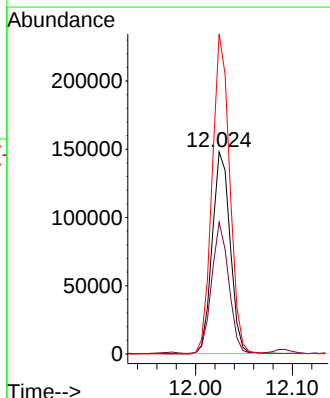
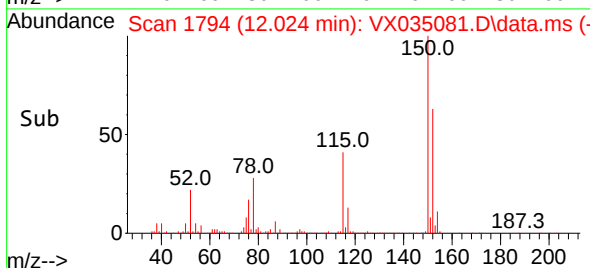
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023

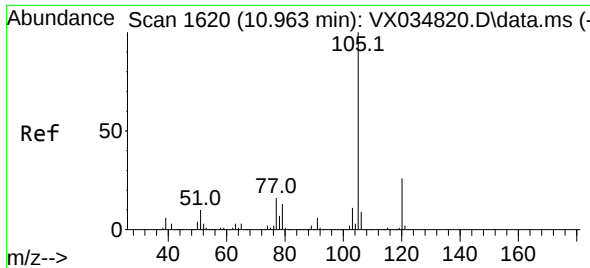


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035081.D
Acq: 14 Apr 2023 14:22



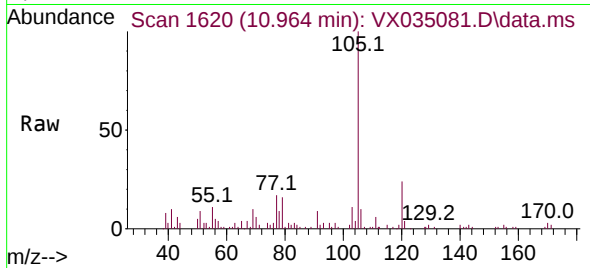
Tgt Ion:152 Resp: 190214
Ion Ratio Lower Upper
152 100
115 62.0 45.0 135.0
150 155.8 0.0 352.4





#73
Isopropylbenzene
Concen: 1.091 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX035081.D
Acq: 14 Apr 2023 14:22

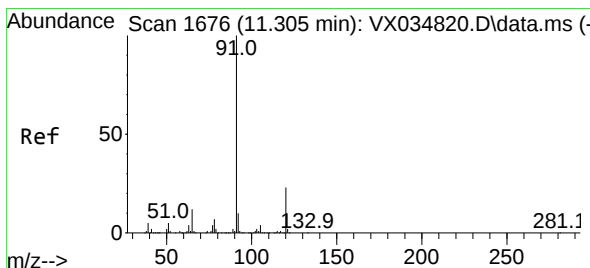
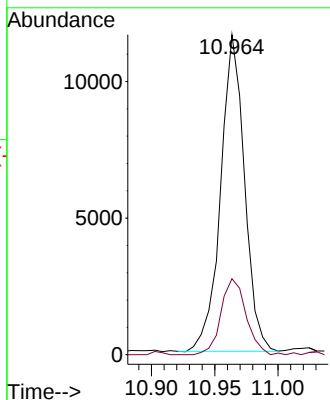
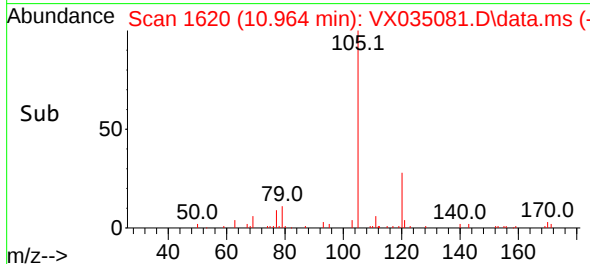
Instrument :
MSVOA_X
ClientSampleId :
1595



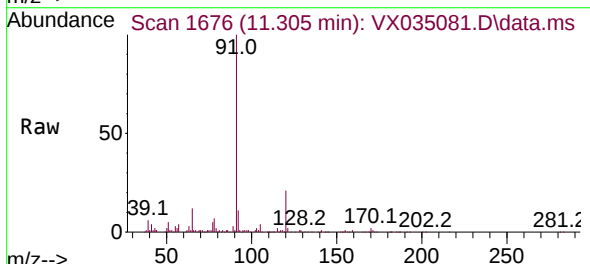
Tgt Ion:105 Resp: 1519
Ion Ratio Lower Upper
105 100
120 25.1 13.3 39.9

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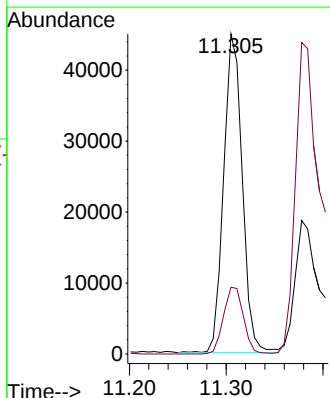
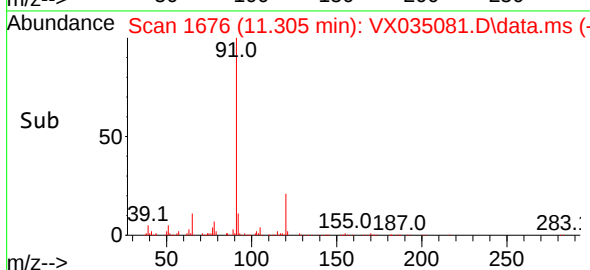
Reviewed By :John Carbone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023

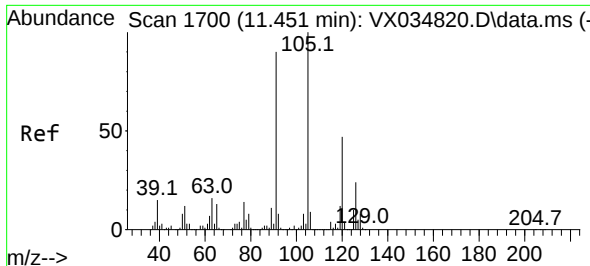


#78
n-propylbenzene
Concen: 3.738 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX035081.D
Acq: 14 Apr 2023 14:22



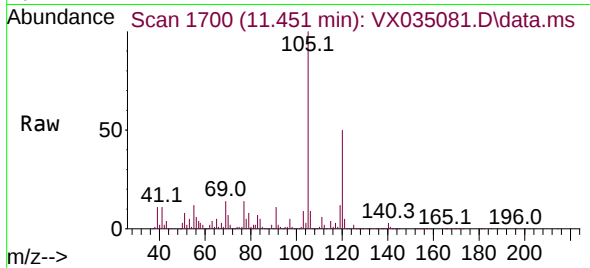
Tgt Ion: 91 Resp: 60163
Ion Ratio Lower Upper
91 100
120 22.4 11.5 34.5





#80
1,3,5-Trimethylbenzene
Concen: 7.168 ug/l
RT: 11.451 min Scan# 11595
Delta R.T. 0.000 min
Lab File: VX035081.D
Acq: 14 Apr 2023 14:22

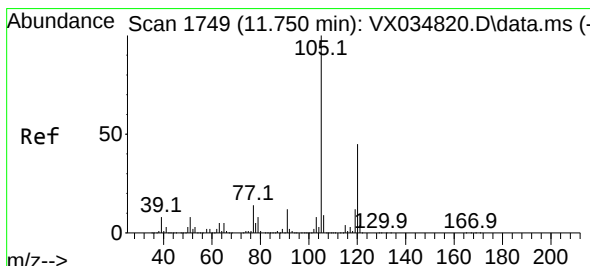
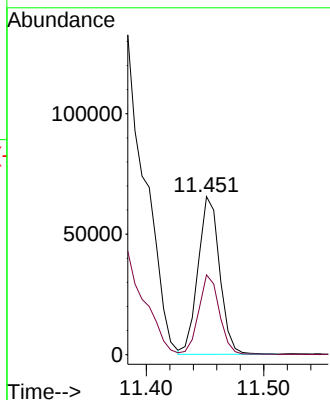
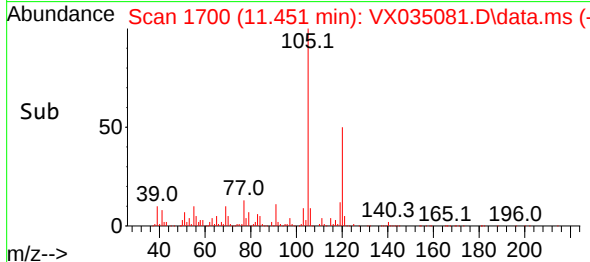
Instrument :
MSVOA_X
ClientSampleId :
1595



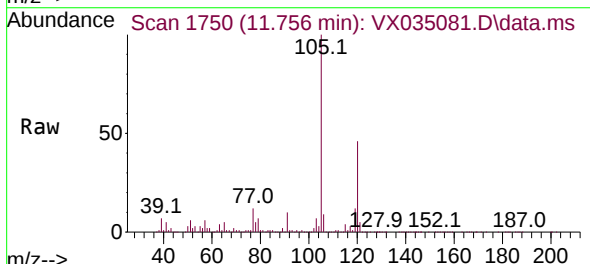
Tgt Ion:105 Resp: 83500
Ion Ratio Lower Upper
105 100
120 48.4 23.7 71.1

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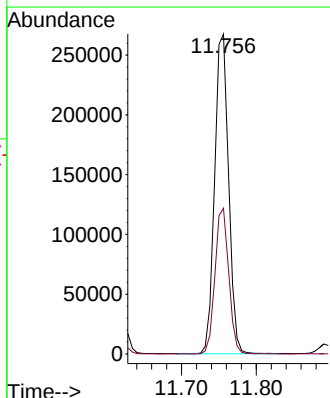
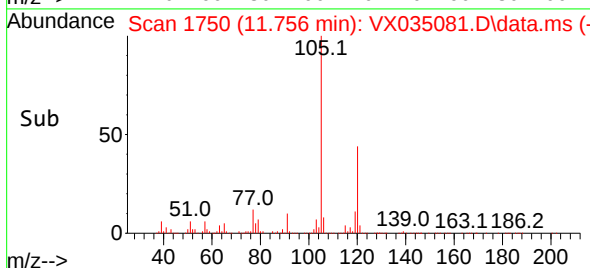
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023

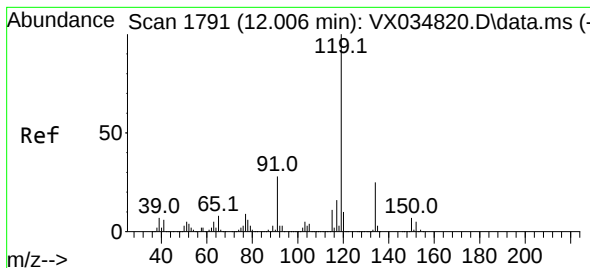


#84
1,2,4-Trimethylbenzene
Concen: 29.326 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX035081.D
Acq: 14 Apr 2023 14:22



Tgt Ion:105 Resp: 347430
Ion Ratio Lower Upper
105 100
120 45.0 22.4 67.0





#86

p-Isopropyltoluene

Concen: 1.283 ug/l

RT: 12.012 min Scan# 119

Delta R.T. 0.006 min

Lab File: VX035081.D

Acq: 14 Apr 2023 14:22

Instrument :

MSVOA_X

ClientSampleId :

1595

Tgt Ion: 119 Resp: 14238

Ion Ratio Lower Upper

119 100

134 26.9 13.2 39.5

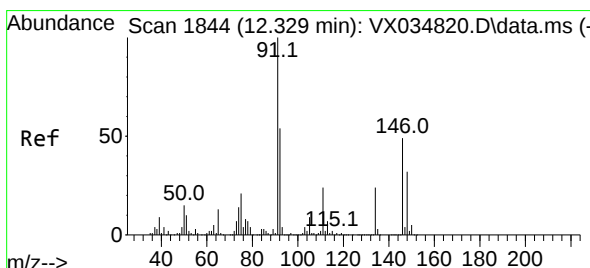
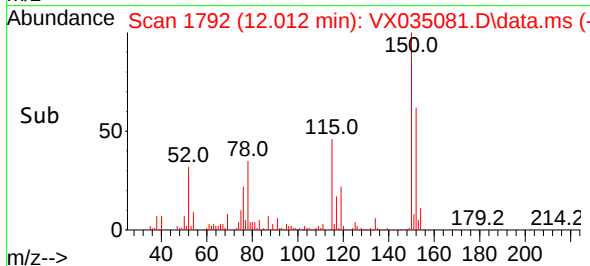
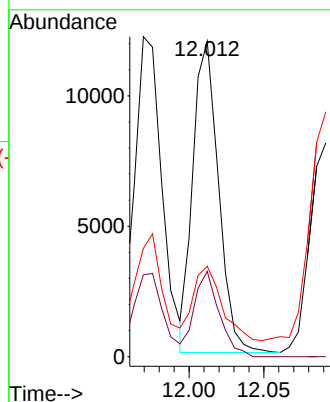
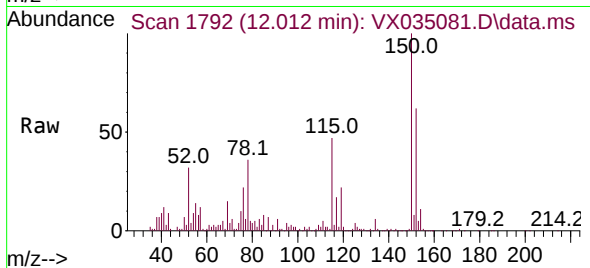
91 26.5 12.9 38.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2023

Supervised By :Mahesh Dadoda 04/17/2023



#89

n-Butylbenzene

Concen: 5.183 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX035081.D

Acq: 14 Apr 2023 14:22

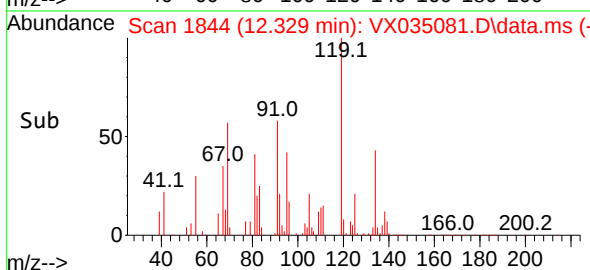
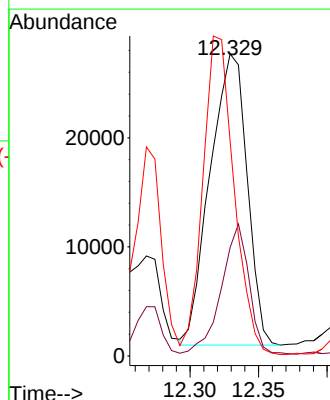
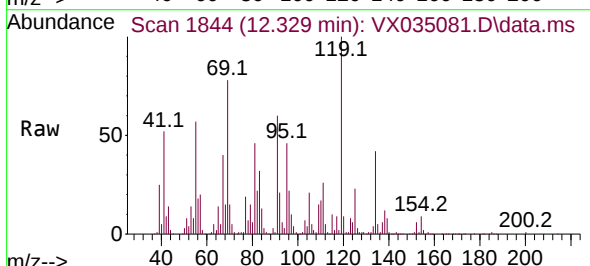
Tgt Ion: 91 Resp: 50255

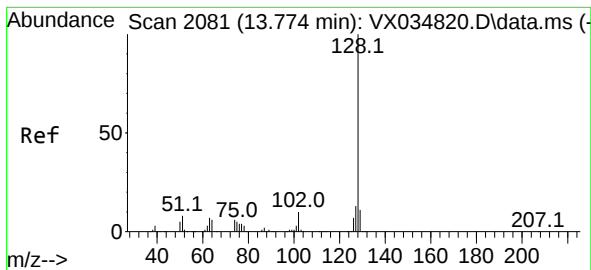
Ion Ratio Lower Upper

91 100

92 33.6 27.7 83.0

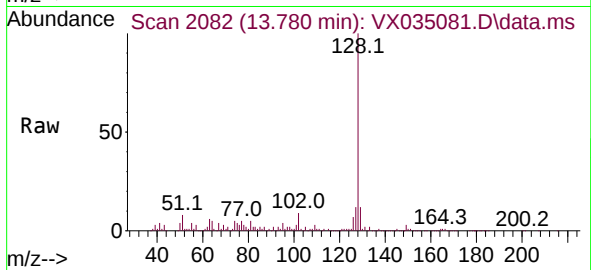
134 91.6 13.0 38.9#





#95
Naphthalene
Concen: 13.000 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX035081.D
Acq: 14 Apr 2023 14:22

Instrument :
MSVOA_X
ClientSampleId :
1595



Tgt Ion:128 Resp: 164510
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 11.9 8.6 13.0

Manual Integrations
APPROVED

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

