

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110222\
 Data File : VX032539.D
 Acq On : 02 Nov 2022 15:40
 Operator : JC/MD
 Sample : N5424-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 INF1122

Manual Integrations
 APPROVED

Reviewed By :John Carlone 11/03/2022
 Supervised By :Mahesh Dadoda 11/03/2022

Quant Time: Nov 03 03:13:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	115212	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	187966	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	170343	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	89577	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	78571	49.081	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.160%		
35) Dibromofluoromethane	5.385	113	60551	45.161	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.320%		
50) Toluene-d8	8.653	98	229502	49.226	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.460%		
62) 4-Bromofluorobenzene	11.079	95	94249	51.752	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.500%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.965	59	5390	23.133	ug/l #	72
31) Cyclohexane	5.470	56	103724	53.439	ug/l	94
39) Methylcyclohexane	7.379	83	47918	21.691	ug/l	94
40) Benzene	6.043	78	2002780	379.058	ug/l	100
52) Toluene	8.720	92	213515	61.939	ug/l	98
67) Ethyl Benzene	10.195	91	1468957	215.280	ug/l	100
68) m/p-Xylenes	10.305	106	2016713	761.136	ug/l	96
69) o-Xylene	10.646	106	257004	99.763	ug/l	100
73) Isopropylbenzene	10.963	105	218275	30.751	ug/l	100
78) n-propylbenzene	11.305	91	432687	52.908	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	396159	65.302	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	1445274	239.528	ug/l	98
85) sec-Butylbenzene	11.890	105	15731m	2.159	ug/l	
86) p-Isopropyltoluene	12.012	119	7018	1.135	ug/l #	74
89) n-Butylbenzene	12.323	91	35450	6.589	ug/l #	26
95) Naphthalene	13.774	128	689777	98.087	ug/l	100

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

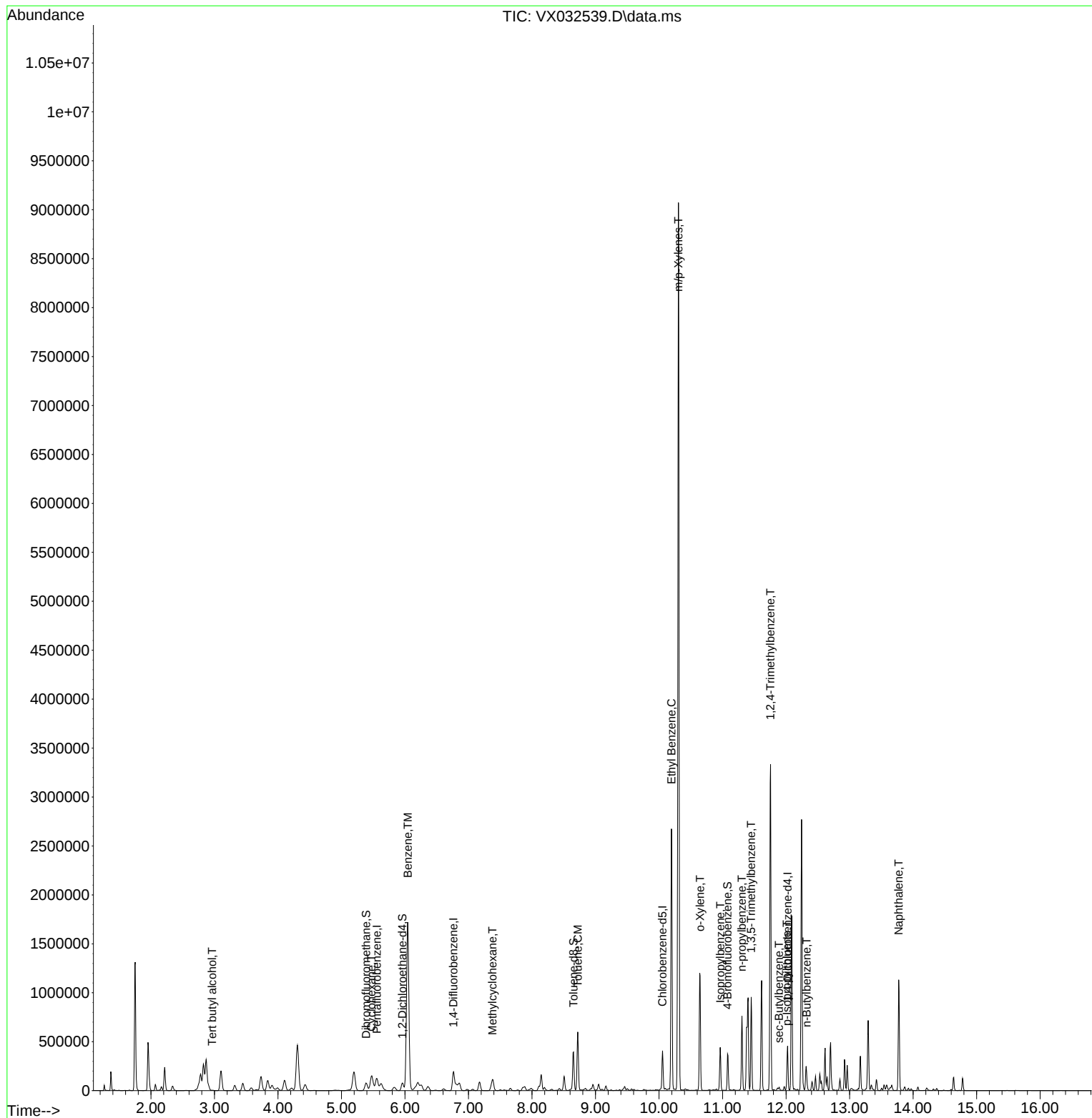
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110222\
Data File : VX032539.D
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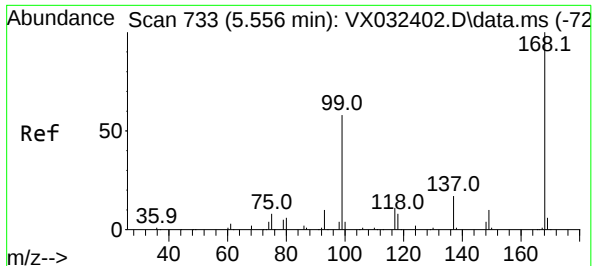
Instrument :
MSVOA_X
ClientSampleId :
INF1122

Quant Time: Nov 03 03:13:18 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
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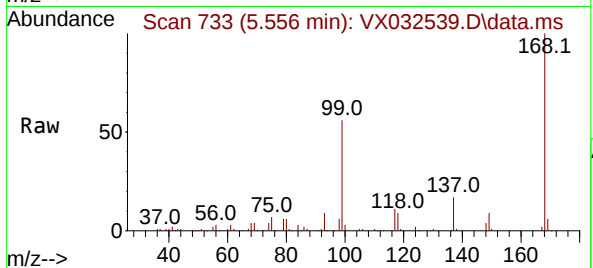
Reviewed By : John Carlone 11/03/2022
Supervised By : Mahesh Dadoda 11/03/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX032539.D
Acq: 02 Nov 2022 15:40

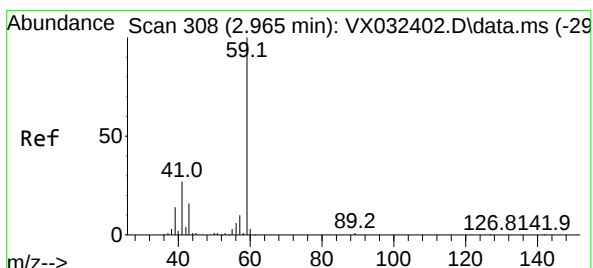
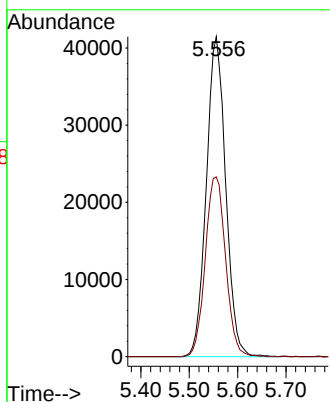
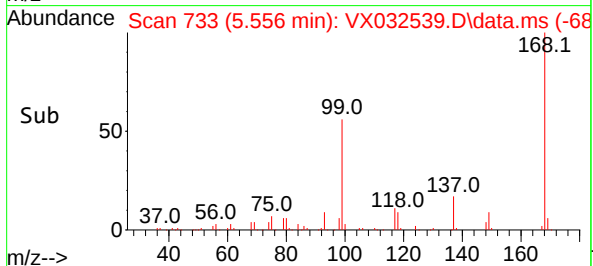
Instrument :
MSVOA_X
ClientSampleId :
INF1122



Tgt Ion:168 Resp: 11521
Ion Ratio Lower Upper
168 100
99 56.2 46.1 69.1

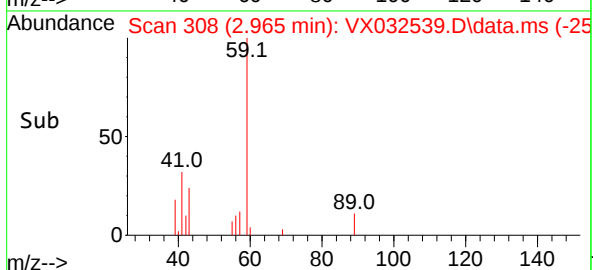
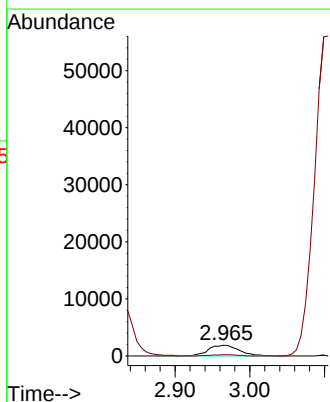
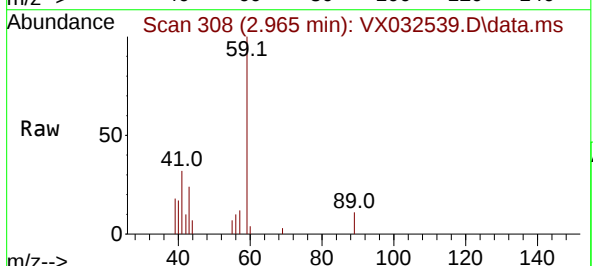
Manual Integrations
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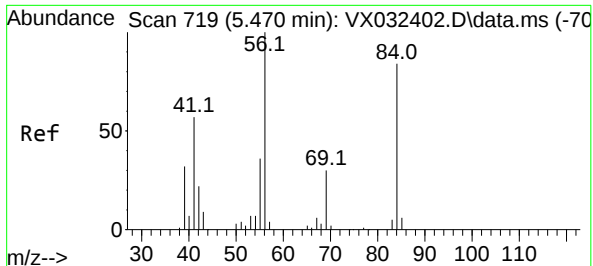
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#11
Tert butyl alcohol
Concen: 23.133 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.000 min
Lab File: VX032539.D
Acq: 02 Nov 2022 15:40

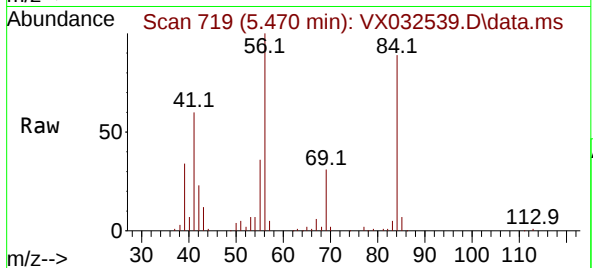
Tgt Ion: 59 Resp: 5390
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#





#31
Cyclohexane
Concen: 53.439 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX032539.D
Acq: 02 Nov 2022 15:40

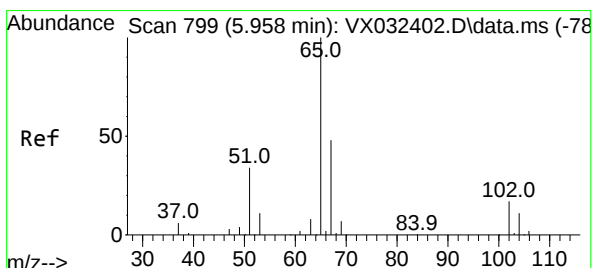
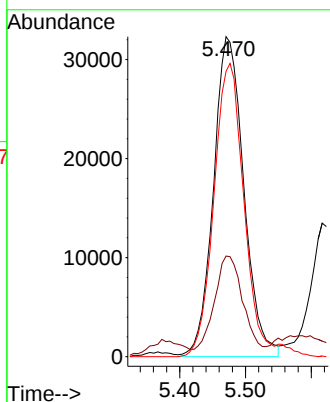
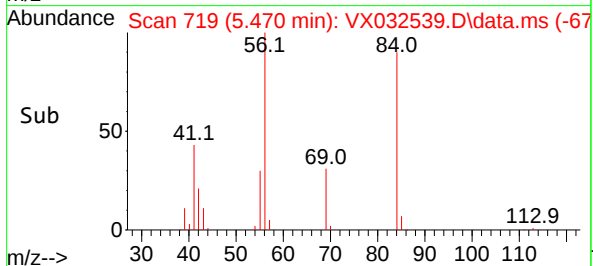
Instrument :
MSVOA_X
ClientSampleId :
INF1122



Tgt Ion: 56 Resp: 103724
Ion Ratio Lower Upper
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69 27.7 24.1 36.1
84 89.7 66.9 100.3

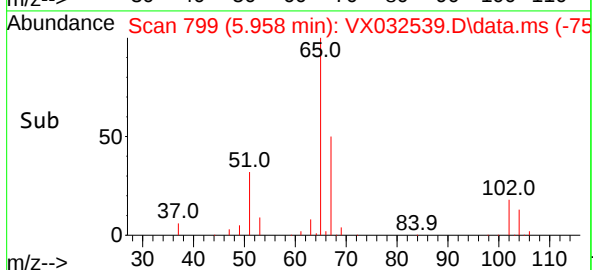
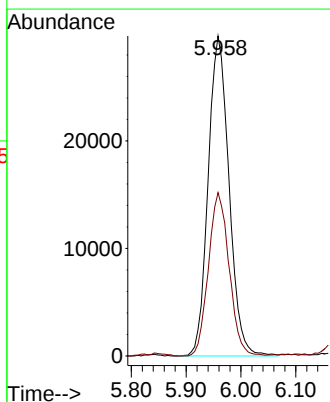
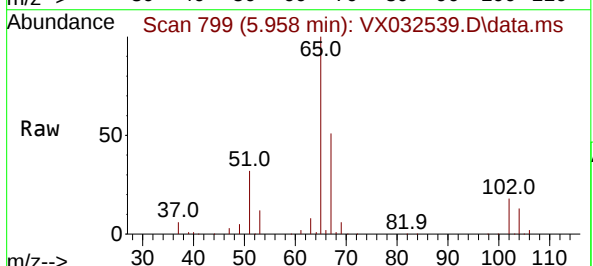
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#33
1,2-Dichloroethane-d4
Concen: 49.081 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX032539.D
Acq: 02 Nov 2022 15:40

Tgt Ion: 65 Resp: 78571
Ion Ratio Lower Upper
65 100
67 50.6 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. -0.000 min

Lab File: VX032539.D

Acq: 02 Nov 2022 15:40

Instrument :

MSVOA_X

ClientSampleId :

INF1122

Tgt Ion:114 Resp: 187960

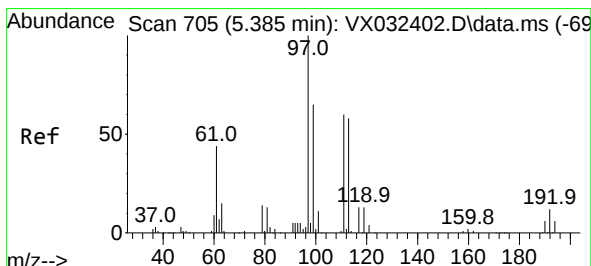
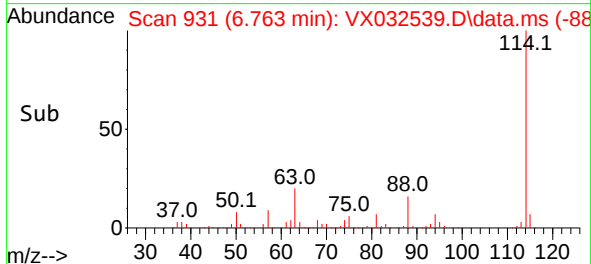
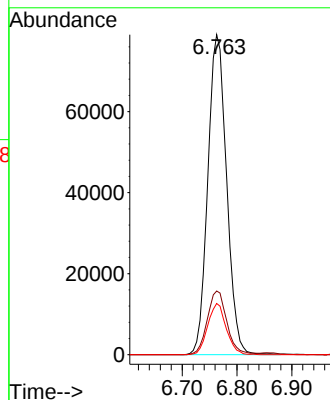
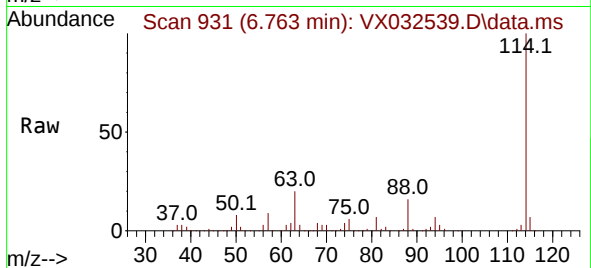
Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	41.6
88	16.0	0.0	33.4

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#35

Dibromofluoromethane

Concen: 45.161 ug/l

RT: 5.385 min Scan# 705

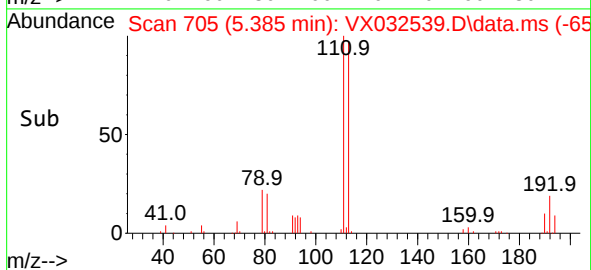
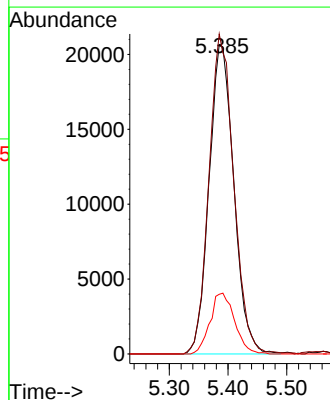
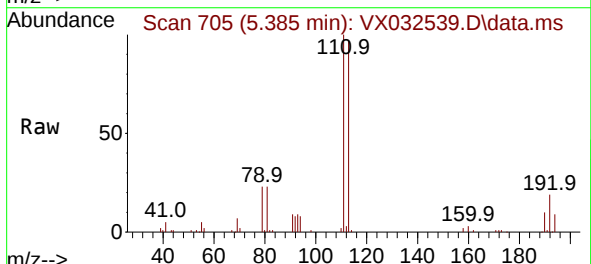
Delta R.T. -0.000 min

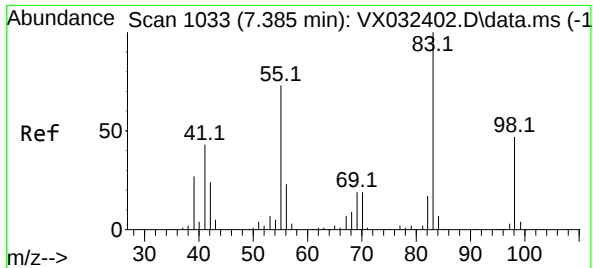
Lab File: VX032539.D

Acq: 02 Nov 2022 15:40

Tgt Ion:113 Resp: 60551

Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.4	123.6
192	19.5	15.4	23.2





#39

Methylcyclohexane

Concen: 21.691 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX032539.D

Acq: 02 Nov 2022 15:40

Instrument :

MSVOA_X

ClientSampleId :

INF1122

Tgt Ion: 83 Resp: 47918

Ion Ratio Lower Upper

83 100

55 80.8 58.4 87.6

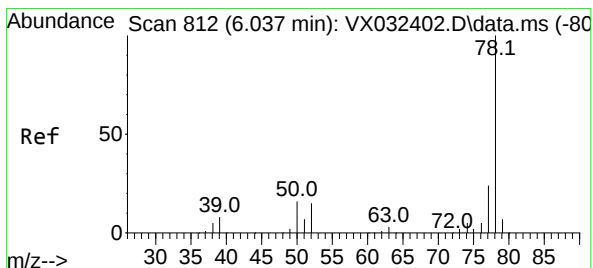
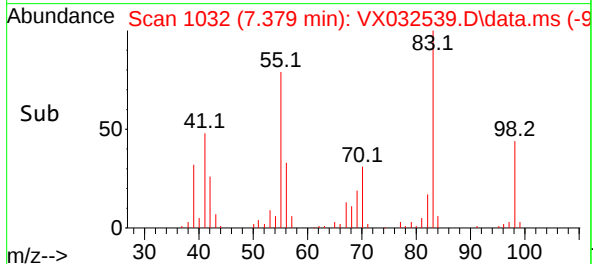
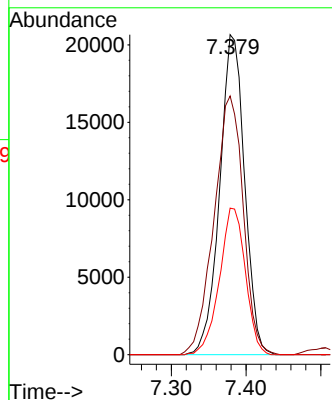
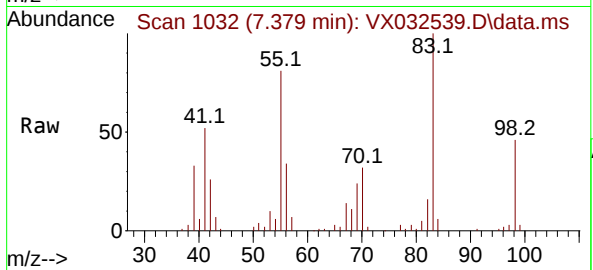
98 45.8 37.2 55.8

Manual Integrations

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Supervised By :Mahesh Dadoda 11/03/2022



#40

Benzene

Concen: 379.058 ug/l

RT: 6.043 min Scan# 813

Delta R.T. 0.006 min

Lab File: VX032539.D

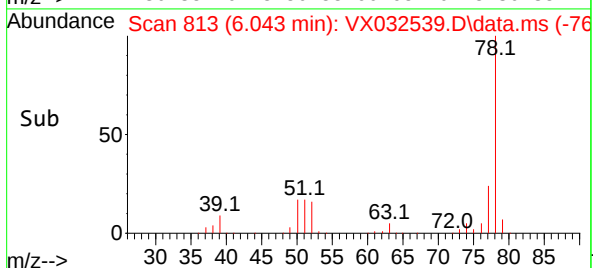
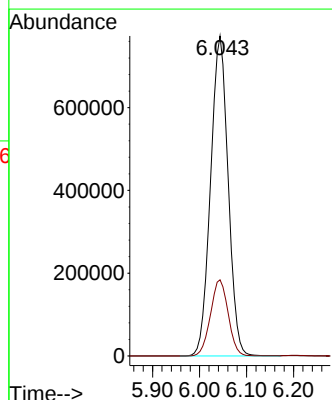
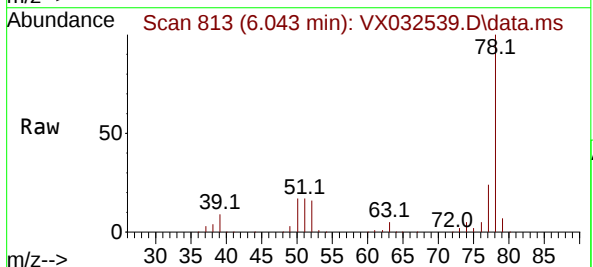
Acq: 02 Nov 2022 15:40

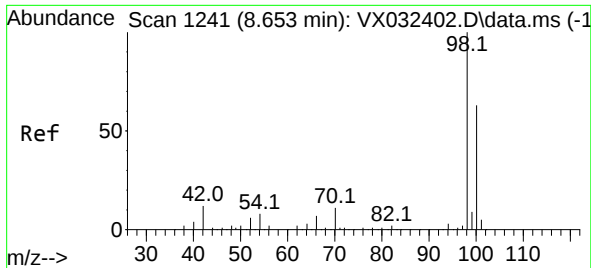
Tgt Ion: 78 Resp: 2002780

Ion Ratio Lower Upper

78 100

77 23.8 19.0 28.4





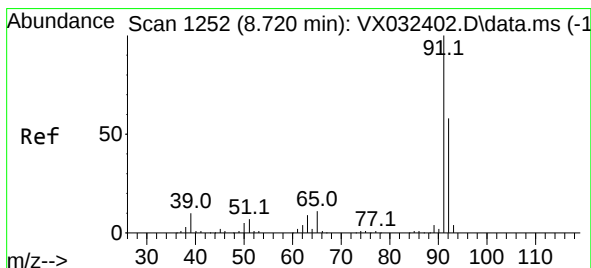
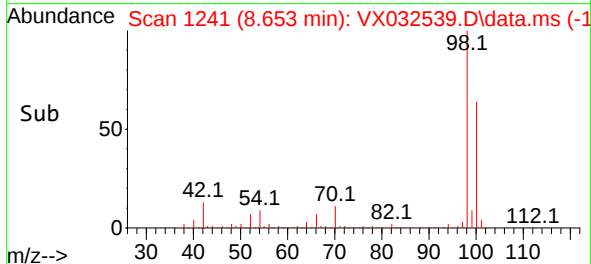
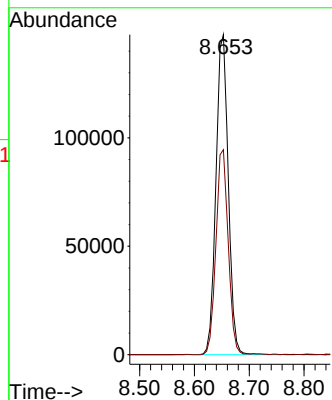
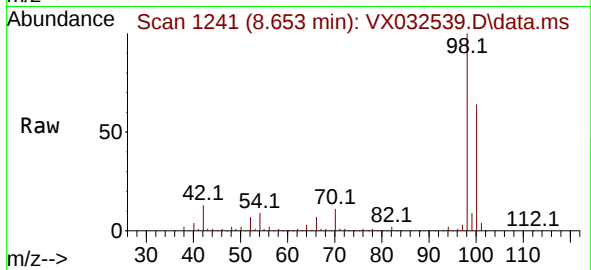
#50
Toluene-d8
Concen: 49.226 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX032539.D
Acq: 02 Nov 2022 15:40

Instrument :
MSVOA_X
ClientSampleId :
INF1122

Tgt Ion: 98 Resp: 229502
Ion Ratio Lower Upper
98 100
100 63.8 50.9 76.3

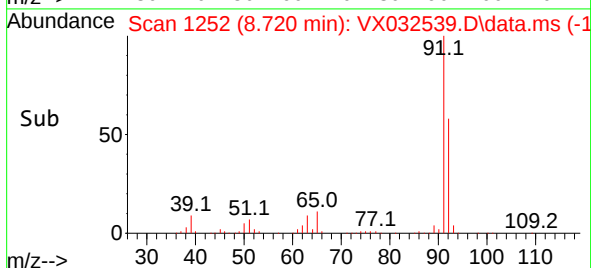
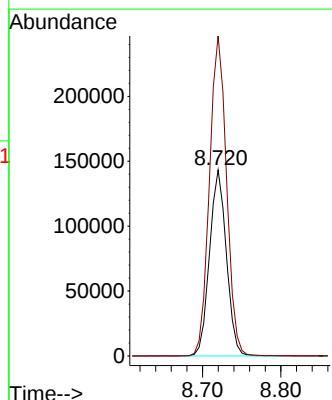
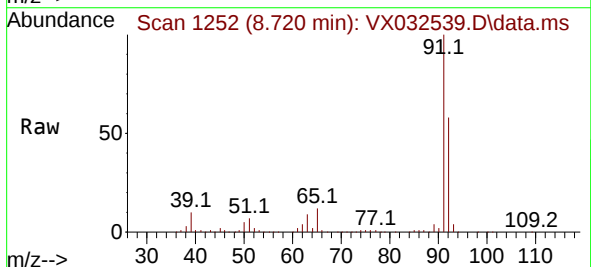
Manual Integrations
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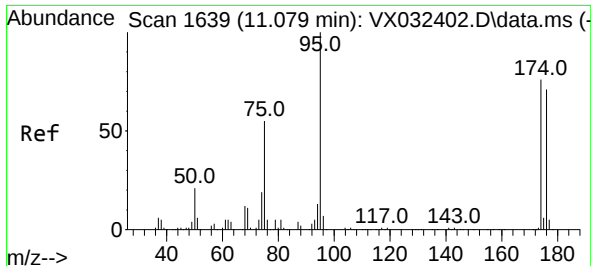
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#52
Toluene
Concen: 61.939 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX032539.D
Acq: 02 Nov 2022 15:40

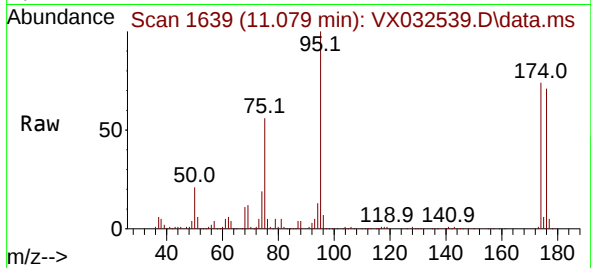
Tgt Ion: 92 Resp: 213515
Ion Ratio Lower Upper
92 100
91 175.0 138.3 207.5





#62
4-Bromofluorobenzene
Concen: 51.752 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX032539.D
Acq: 02 Nov 2022 15:40

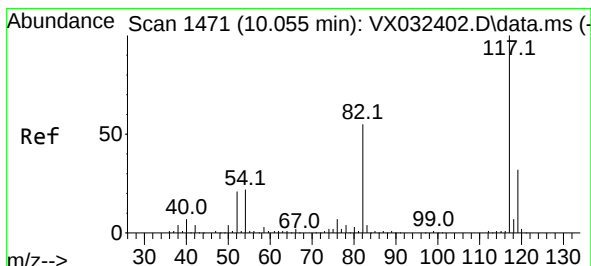
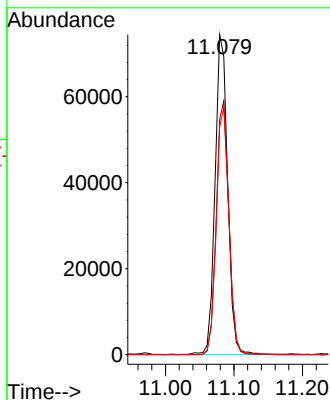
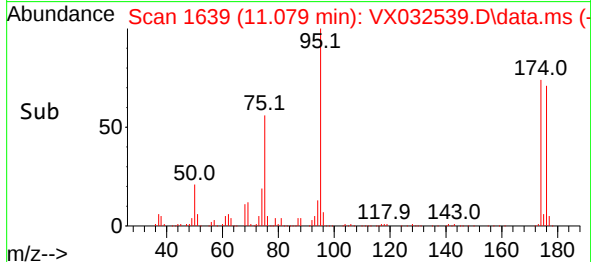
Instrument :
MSVOA_X
ClientSampleId :
INF1122



Tgt Ion: 95 Resp: 94249
Ion Ratio Lower Upper
95 100
174 79.6 0.0 164.0
176 77.3 0.0 154.4

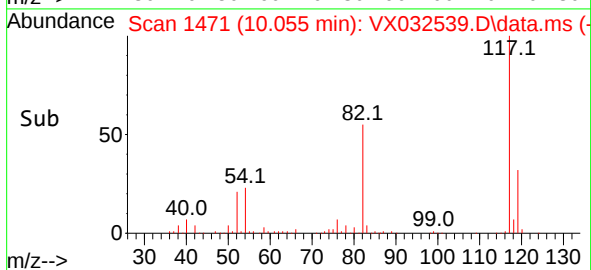
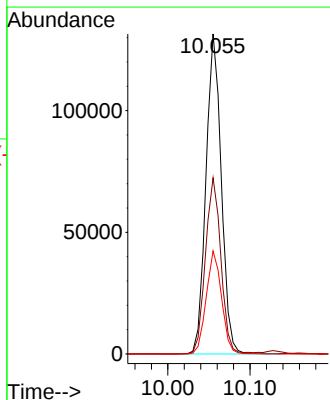
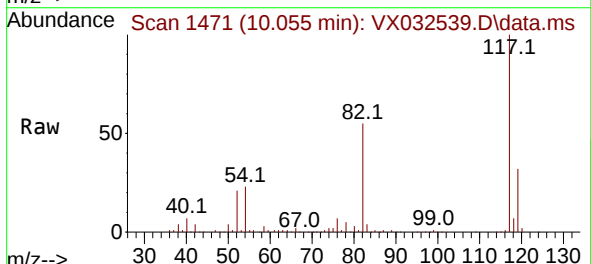
Manual Integrations
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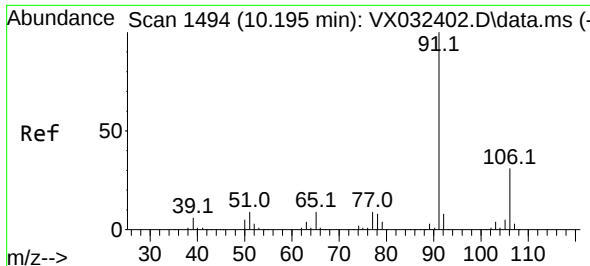
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032539.D
Acq: 02 Nov 2022 15:40

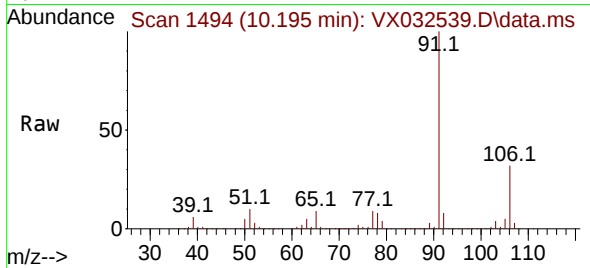
Tgt Ion:117 Resp: 170343
Ion Ratio Lower Upper
117 100
82 55.0 44.3 66.5
119 32.2 25.7 38.5





#67
Ethyl Benzene
Concen: 215.280 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX032539.D
Acq: 02 Nov 2022 15:40

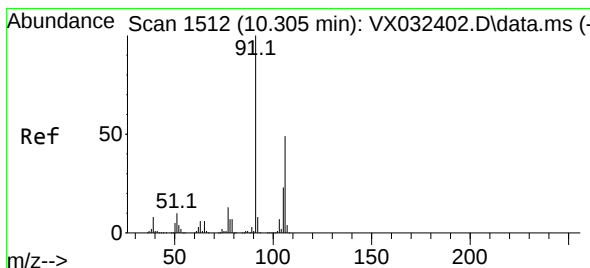
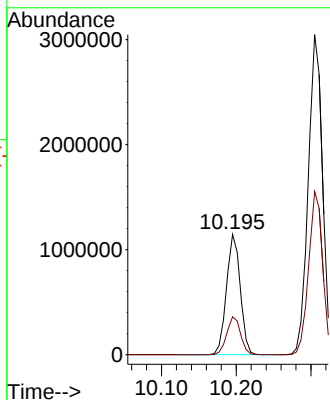
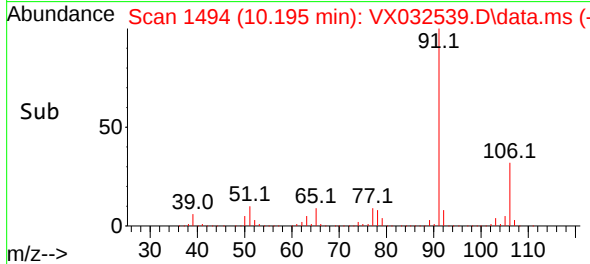
Instrument :
MSVOA_X
ClientSampleId :
INF1122



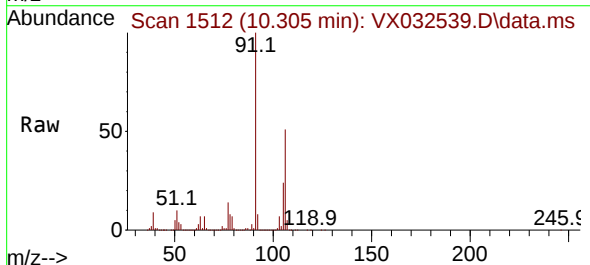
Tgt Ion: 91 Resp: 146895
Ion Ratio Lower Upper
91 100
106 31.6 25.0 37.6

Manual Integrations
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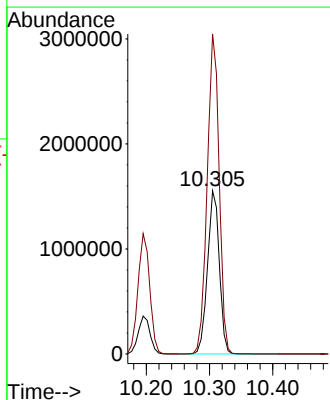
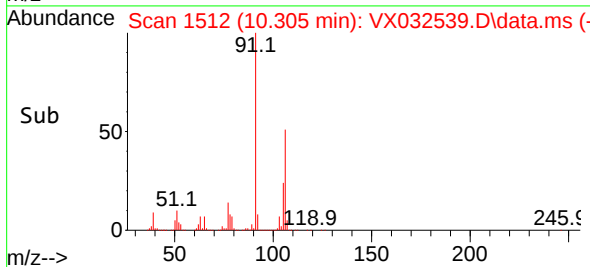
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022

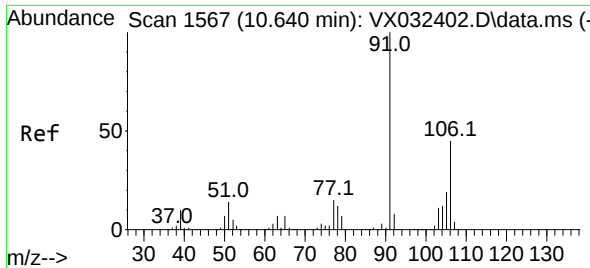


#68
m/p-Xylenes
Concen: 761.136 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX032539.D
Acq: 02 Nov 2022 15:40



Tgt Ion:106 Resp: 2016713
Ion Ratio Lower Upper
106 100
91 198.8 164.5 246.7





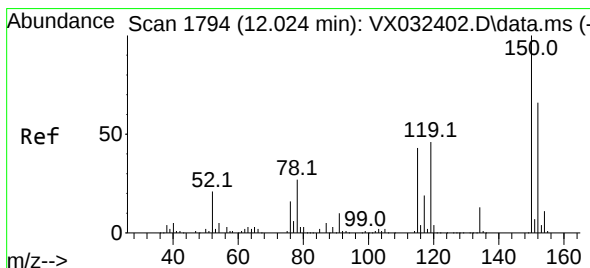
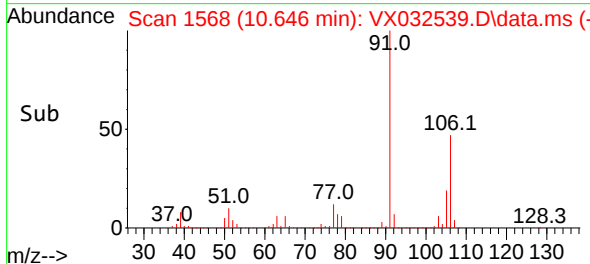
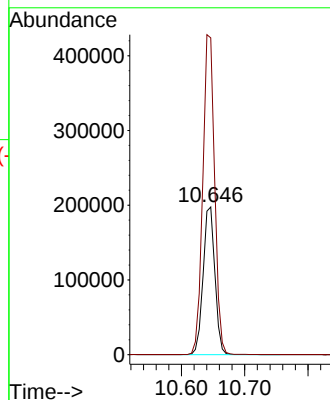
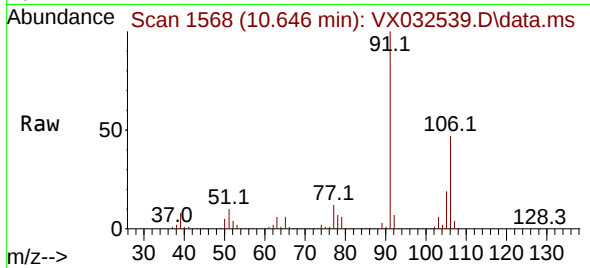
#69
o-Xylene
Concen: 99.763 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX032539.D
Acq: 02 Nov 2022 15:40

Instrument :
MSVOA_X
ClientSampleId :
INF1122

Tgt Ion:106 Resp: 257004
Ion Ratio Lower Upper
106 100
91 217.8 109.2 327.6

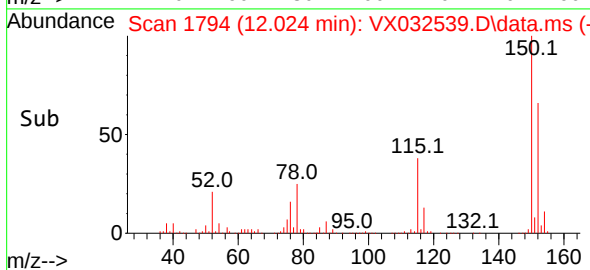
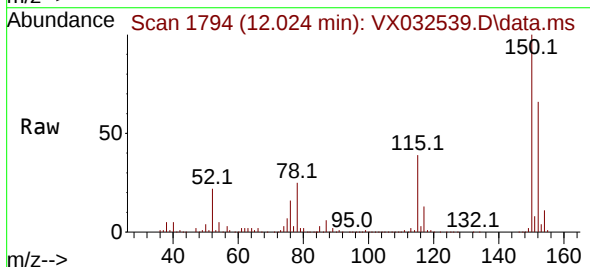
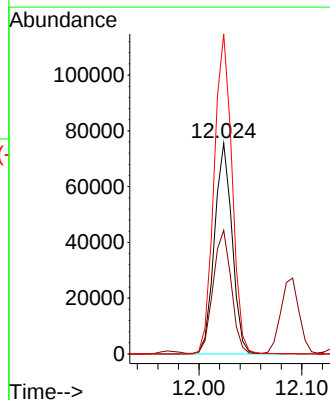
Manual Integrations
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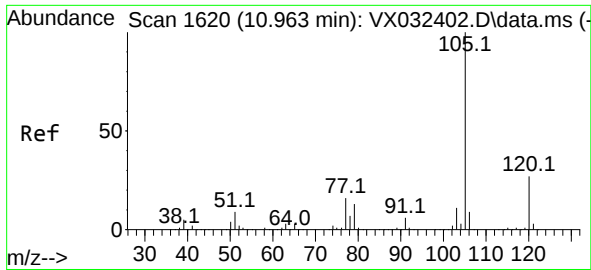
Reviewed By :John Carbone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX032539.D
Acq: 02 Nov 2022 15:40

Tgt Ion:152 Resp: 89577
Ion Ratio Lower Upper
152 100
115 59.9 44.0 132.0
150 155.4 0.0 351.8





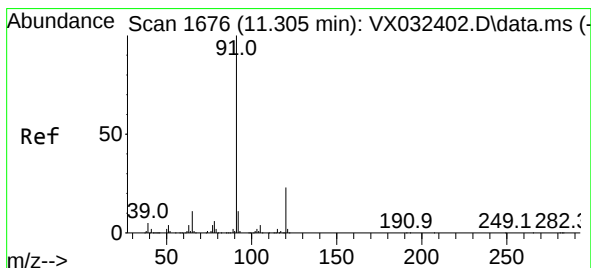
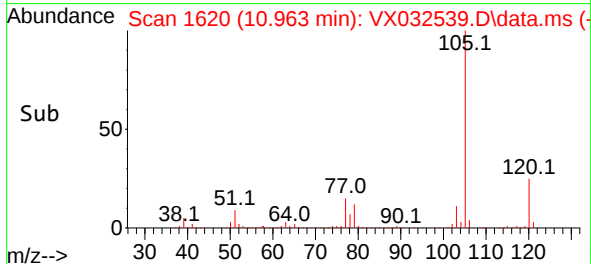
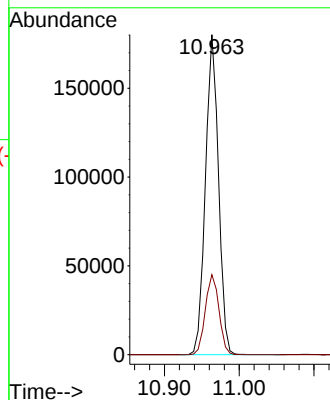
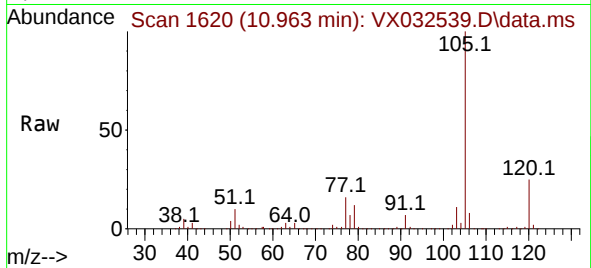
#73
Isopropylbenzene
Concen: 30.751 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX032539.D
Acq: 02 Nov 2022 15:40

Instrument :
MSVOA_X
ClientSampleId :
INF1122

Tgt Ion:105 Resp: 218275
Ion Ratio Lower Upper
105 100
120 26.1 13.1 39.3

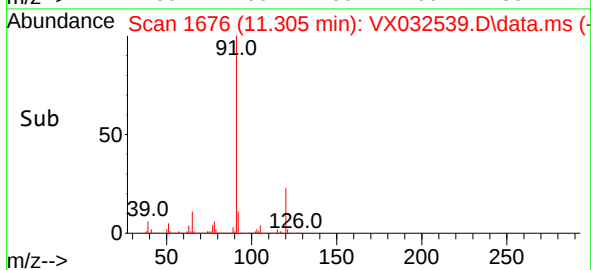
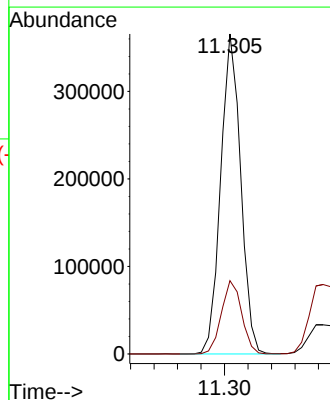
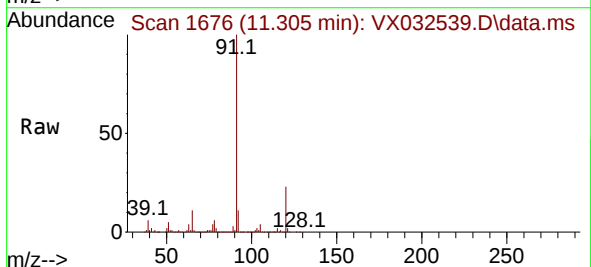
Manual Integrations
APPROVED

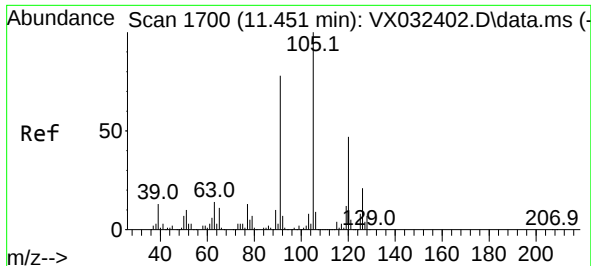
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#78
n-propylbenzene
Concen: 52.908 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX032539.D
Acq: 02 Nov 2022 15:40

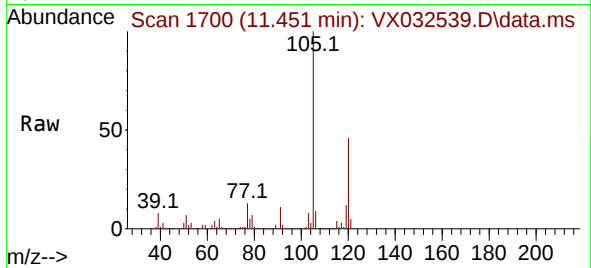
Tgt Ion: 91 Resp: 432687
Ion Ratio Lower Upper
91 100
120 23.2 11.6 34.8





#80
1,3,5-Trimethylbenzene
Concen: 65.302 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX032539.D
Acq: 02 Nov 2022 15:40

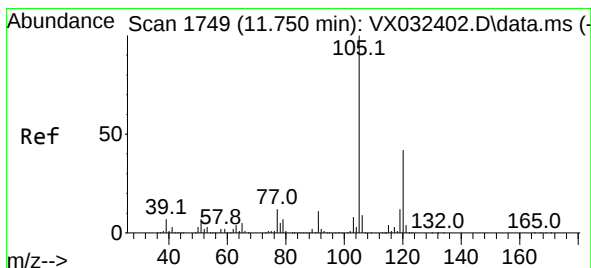
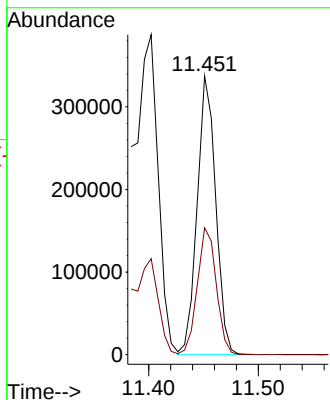
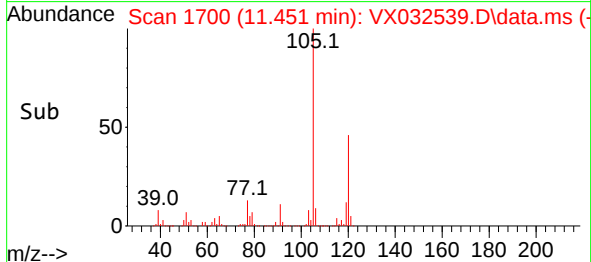
Instrument :
MSVOA_X
ClientSampleId :
INF1122



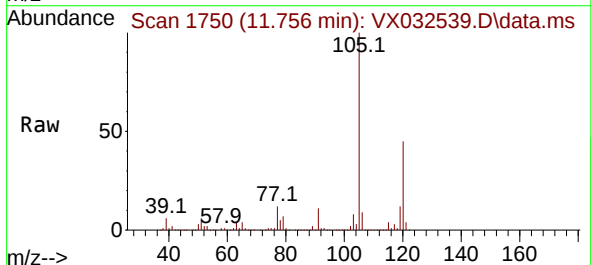
Tgt Ion:105 Resp: 396159
Ion Ratio Lower Upper
105 100
120 46.8 23.6 71.0

Manual Integrations
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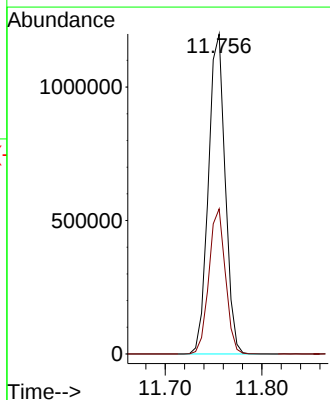
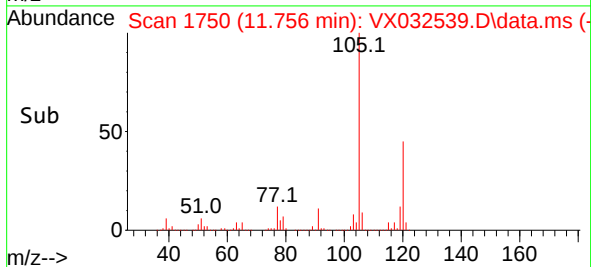
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022

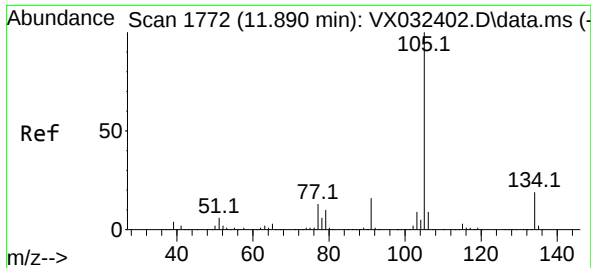


#84
1,2,4-Trimethylbenzene
Concen: 239.528 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX032539.D
Acq: 02 Nov 2022 15:40



Tgt Ion:105 Resp: 1445274
Ion Ratio Lower Upper
105 100
120 44.8 21.9 65.5





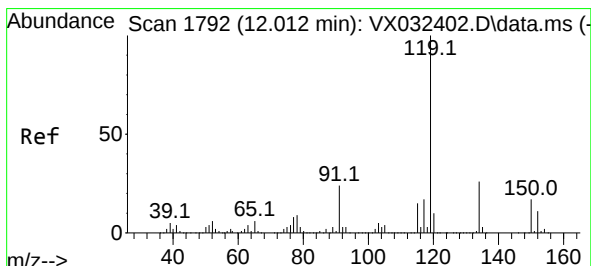
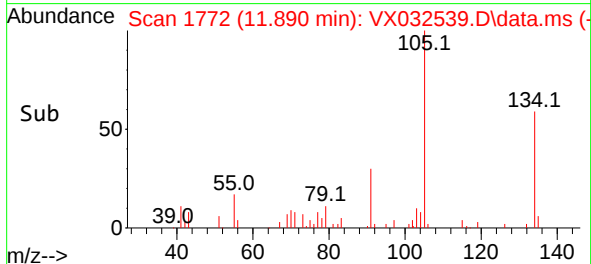
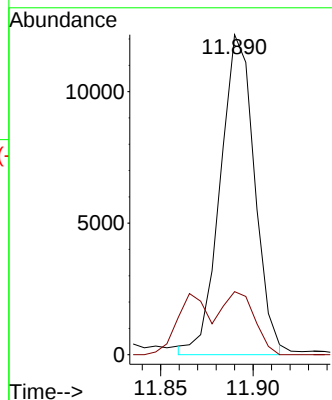
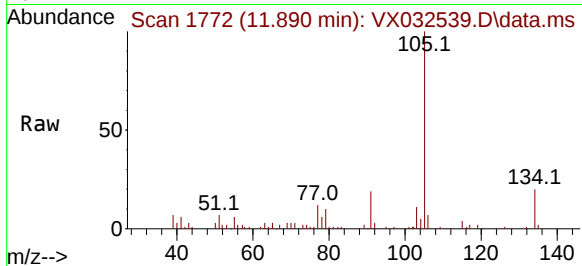
#85
 sec-Butylbenzene
 Concen: 2.159 ug/l m
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX032539.D
 Acq: 02 Nov 2022 15:40

Instrument :
 MSVOA_X
 ClientSampleId :
 INF1122

Tgt Ion:105 Resp: 1573
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.9 29.7

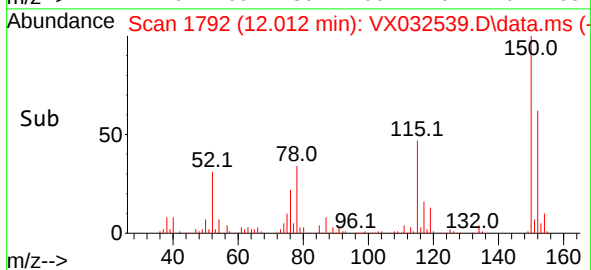
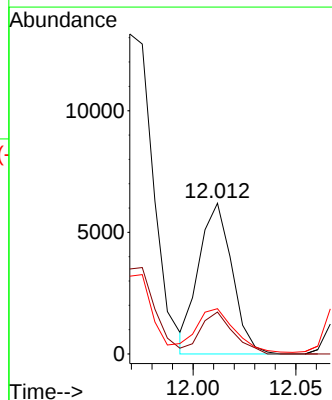
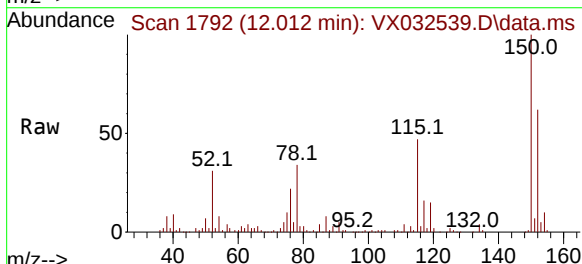
Manual Integrations
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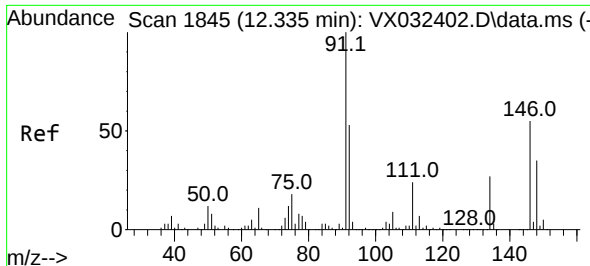
Reviewed By :John Carlone 11/03/2022
 Supervised By :Mahesh Dadoda 11/03/2022



#86
 p-Isopropyltoluene
 Concen: 1.135 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX032539.D
 Acq: 02 Nov 2022 15:40

Tgt Ion:119 Resp: 7018
 Ion Ratio Lower Upper
 119 100
 134 27.5 12.9 38.7
 91 0.0 12.5 37.5





#89

n-Butylbenzene

Concen: 6.589 ug/l

RT: 12.323 min Scan# 1845

Delta R.T. -0.012 min

Lab File: VX032539.D

Acq: 02 Nov 2022 15:40

Instrument :

MSVOA_X

ClientSampleId :

INF1122

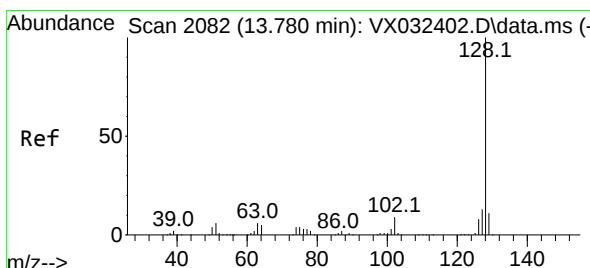
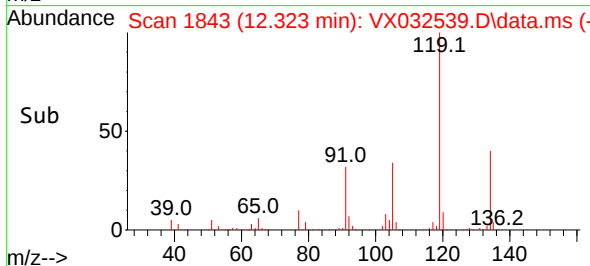
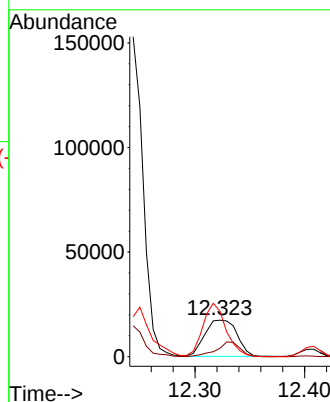
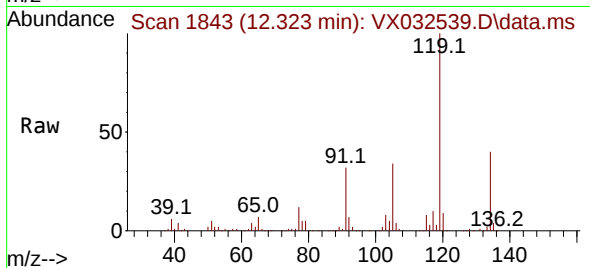
Tgt Ion: 91 Resp: 35450
 Ion Ratio Lower Upper
 91 100
 92 30.0 26.2 78.6
 134 106.7 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2022

Supervised By :Mahesh Dadoda 11/03/2022



#95

Naphthalene

Concen: 98.087 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.006 min

Lab File: VX032539.D

Acq: 02 Nov 2022 15:40

Tgt Ion:128 Resp: 689777
 Ion Ratio Lower Upper
 128 100
 127 13.0 10.2 15.4
 129 11.0 8.9 13.3

