

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110422\
 Data File : VX032597.D
 Acq On : 05 Nov 2022 02:03
 Operator : JC/MD
 Sample : N5486-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LB-3R

Manual Integrations
 APPROVED

Reviewed By :John Carlone 11/07/2022
 Supervised By :Mahesh Dadoda 11/07/2022

Quant Time: Nov 07 05:06:36 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	121020	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	198359	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	180219	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	90873	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	82920	49.312	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.620%		
35) Dibromofluoromethane	5.385	113	63676	45.003	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.000%		
50) Toluene-d8	8.653	98	246205	50.042	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.080%		
62) 4-Bromofluorobenzene	11.079	95	101025	52.566	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	105.140%		
Target Compounds					Qvalue	
16) Acetone	2.386	43	2851m	4.665	ug/l	
31) Cyclohexane	5.477	56	93159	45.692	ug/l	92
39) Methylcyclohexane	7.379	83	84134	36.090	ug/l #	88
40) Benzene	6.038	78	64650	11.595	ug/l	100
52) Toluene	8.720	92	17666	4.856	ug/l	94
67) Ethyl Benzene	10.195	91	61159	8.472	ug/l	100
68) m/p-Xylenes	10.305	106	7855	2.802	ug/l	97
69) o-Xylene	10.640	106	6910	2.535	ug/l	97
73) Isopropylbenzene	10.963	105	253553	35.211	ug/l	99
78) n-propylbenzene	11.305	91	913488	110.106	ug/l	100
83) tert-Butylbenzene	11.713	119	2730	0.444	ug/l	92
84) 1,2,4-Trimethylbenzene	11.756	105	19420	3.173	ug/l	99
85) sec-Butylbenzene	11.890	105	70333	9.513	ug/l	98
86) p-Isopropyltoluene	12.012	119	10051	1.602	ug/l	95
89) n-Butylbenzene	12.335	91	91043	16.681	ug/l #	79
95) Naphthalene	13.774	128	23985	3.362	ug/l #	94

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

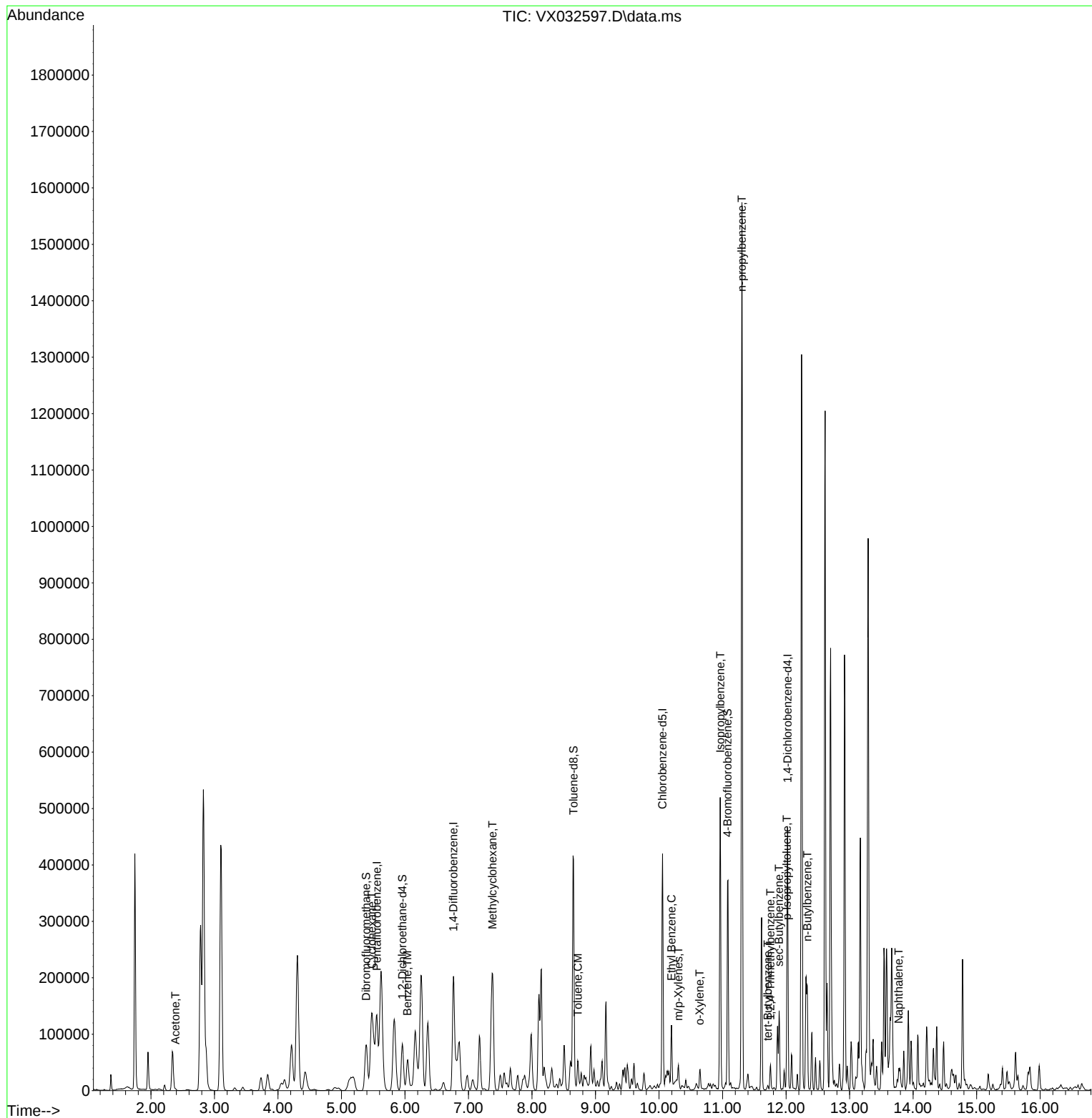
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110422\
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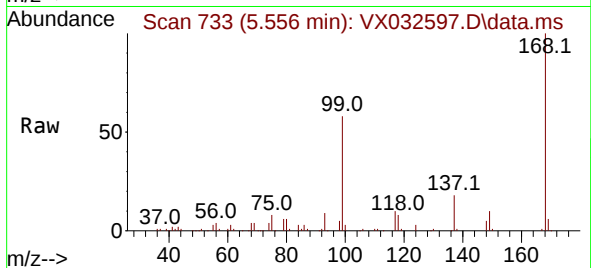
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032597.D
Acq: 05 Nov 2022 02:03

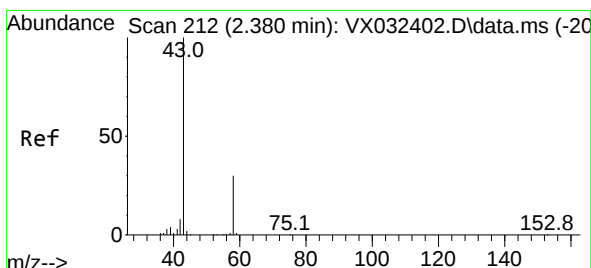
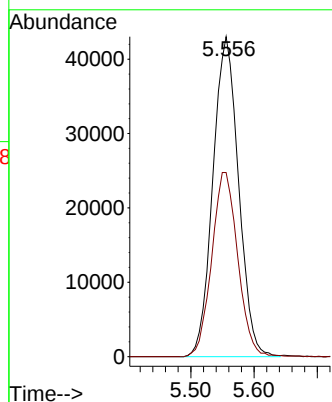
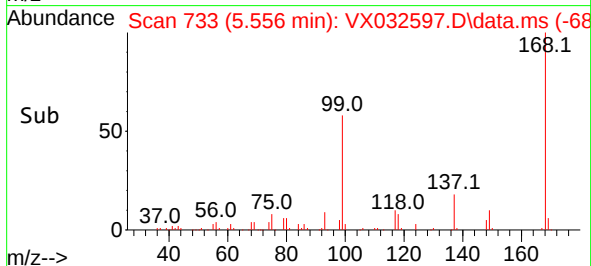
Instrument :
MSVOA_X
ClientSampleId :
LB-3R



Tgt Ion:168 Resp: 121020
Ion Ratio Lower Upper
168 100
99 57.6 46.1 69.1

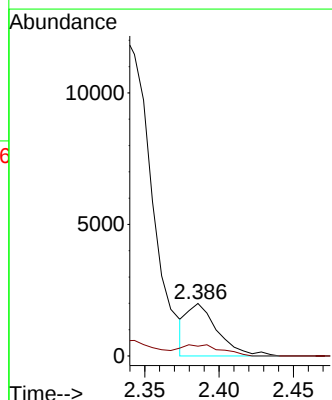
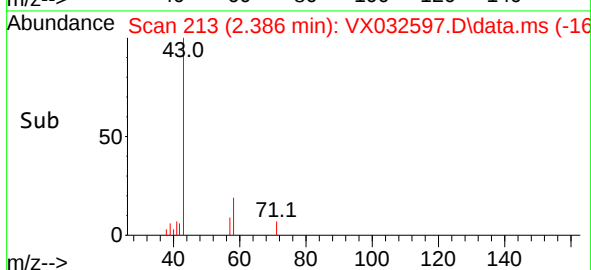
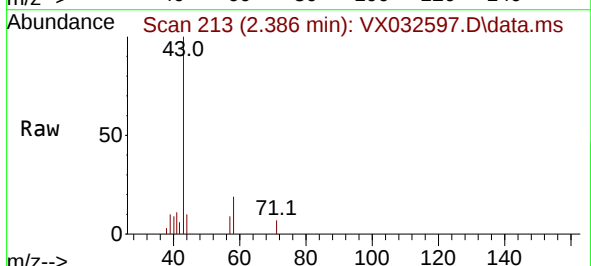
Manual Integrations
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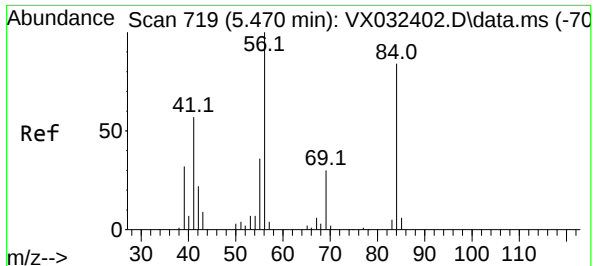
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#16
Acetone
Concen: 4.665 ug/l m
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX032597.D
Acq: 05 Nov 2022 02:03

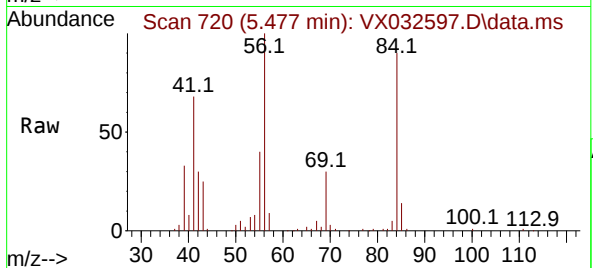
Tgt Ion: 43 Resp: 2851
Ion Ratio Lower Upper
43 100
58 18.5 23.8 35.8#





#31
Cyclohexane
Concen: 45.692 ug/l
RT: 5.477 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX032597.D
Acq: 05 Nov 2022 02:03

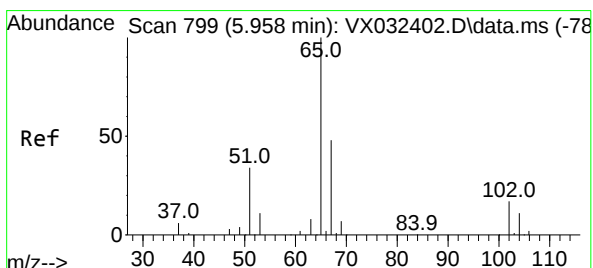
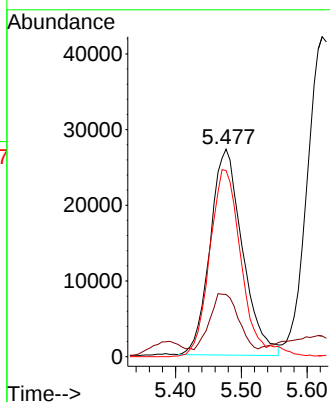
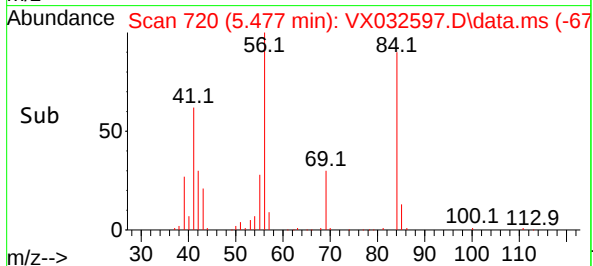
Instrument :
MSVOA_X
ClientSampleId :
LB-3R



Tgt Ion: 56 Resp: 93159
Ion Ratio Lower Upper
56 100
69 24.3 24.1 36.1
84 90.2 66.9 100.3

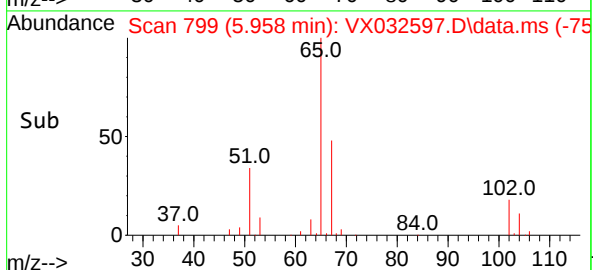
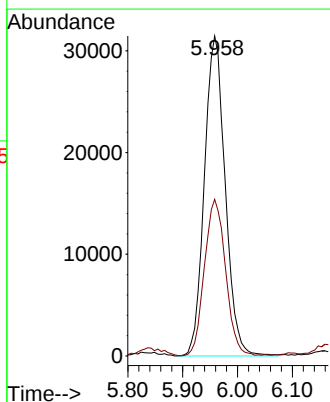
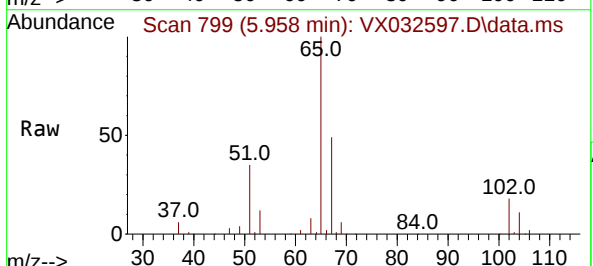
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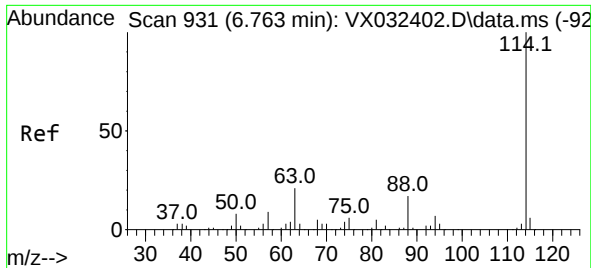
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#33
1,2-Dichloroethane-d4
Concen: 49.312 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX032597.D
Acq: 05 Nov 2022 02:03

Tgt Ion: 65 Resp: 82920
Ion Ratio Lower Upper
65 100
67 49.8 0.0 101.8





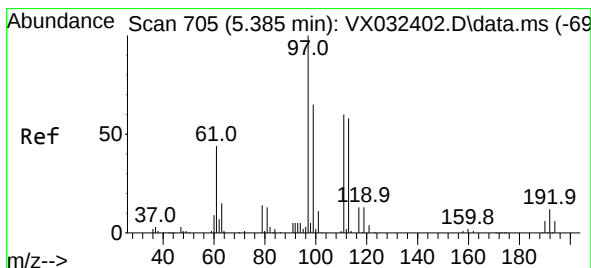
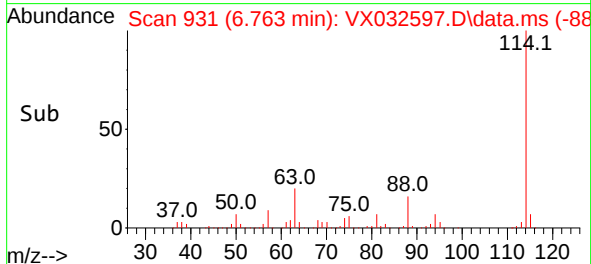
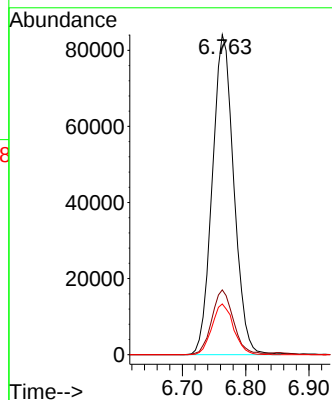
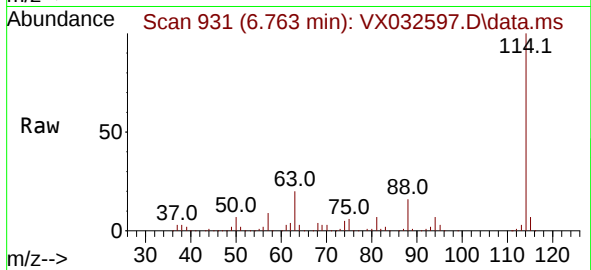
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX032597.D
Acq: 05 Nov 2022 02:03

Instrument :
MSVOA_X
ClientSampleId :
LB-3R

Tgt Ion:114 Resp: 198359
Ion Ratio Lower Upper
114 100
63 20.3 0.0 41.6
88 15.8 0.0 33.4

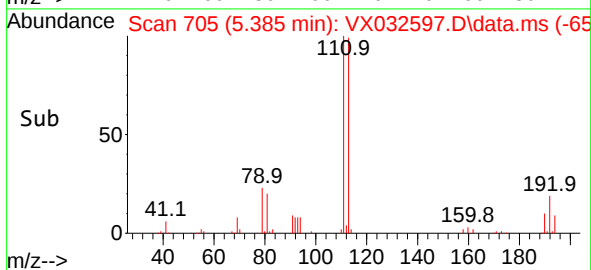
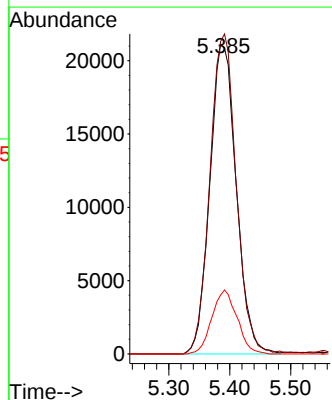
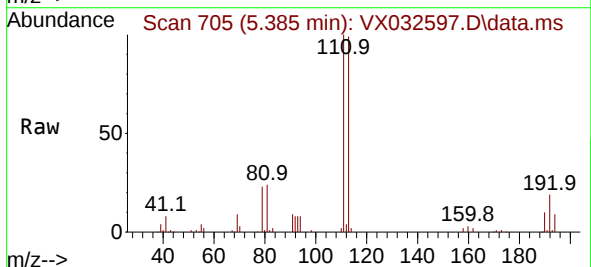
Manual Integrations
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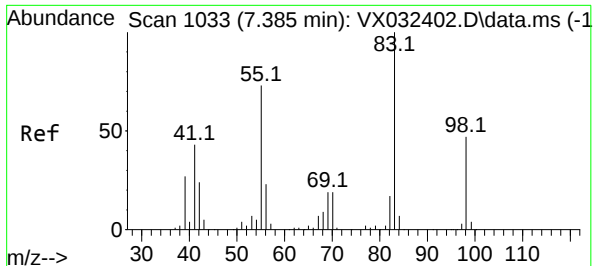
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#35
Dibromofluoromethane
Concen: 45.003 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032597.D
Acq: 05 Nov 2022 02:03

Tgt Ion:113 Resp: 63676
Ion Ratio Lower Upper
113 100
111 102.7 82.4 123.6
192 19.7 15.4 23.2





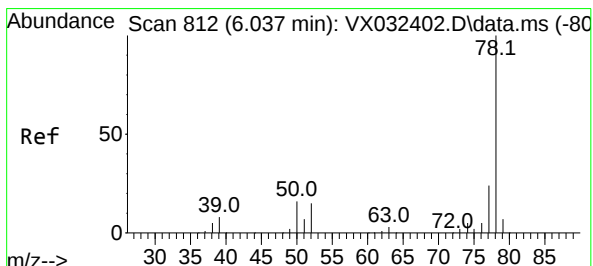
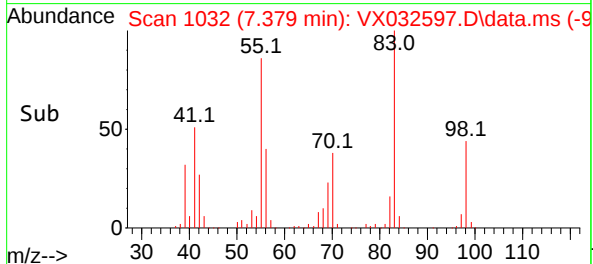
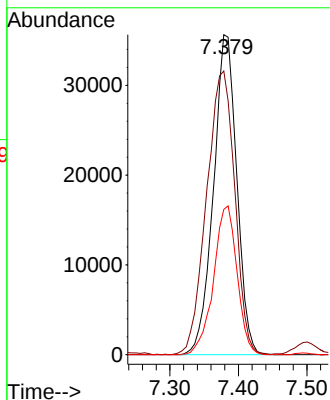
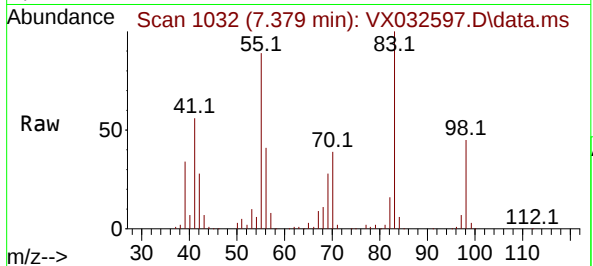
#39
Methylcyclohexane
Concen: 36.090 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX032597.D
Acq: 05 Nov 2022 02:03

Instrument :
MSVOA_X
ClientSampleId :
LB-3R

Tgt Ion: 83 Resp: 84134
Ion Ratio Lower Upper
83 100
55 88.4 58.4 87.6
98 45.4 37.2 55.8

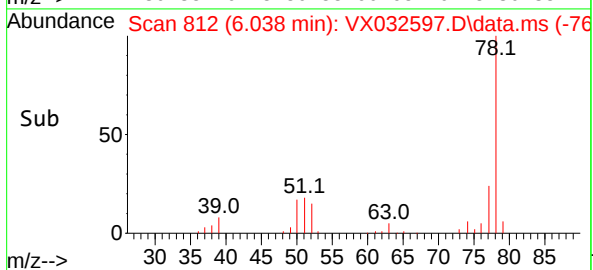
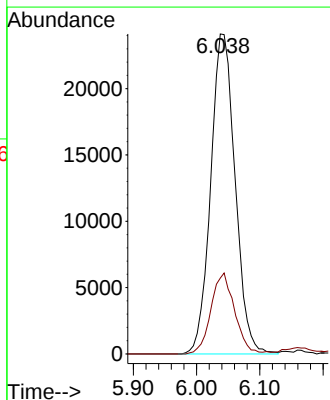
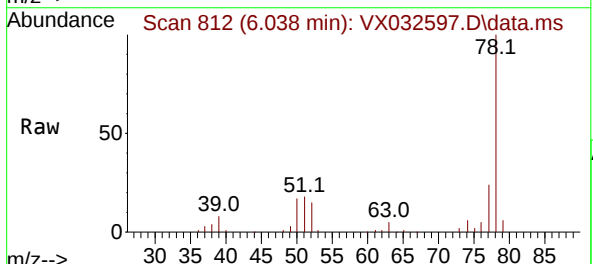
Manual Integrations
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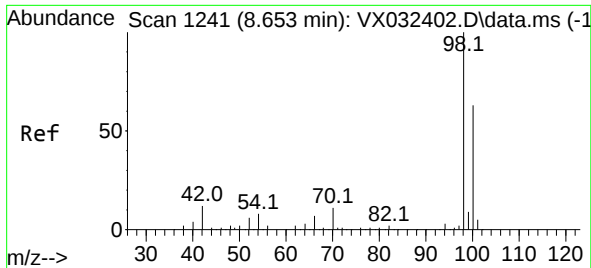
Reviewed By :John Carlone 11/07/2022
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#40
Benzene
Concen: 11.595 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX032597.D
Acq: 05 Nov 2022 02:03

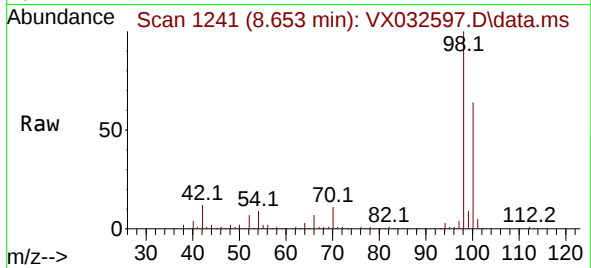
Tgt Ion: 78 Resp: 64650
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.4





#50
Toluene-d8
Concen: 50.042 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX032597.D
Acq: 05 Nov 2022 02:03

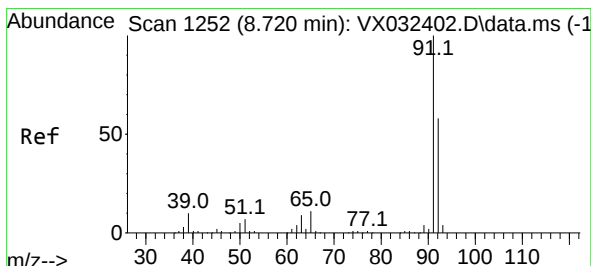
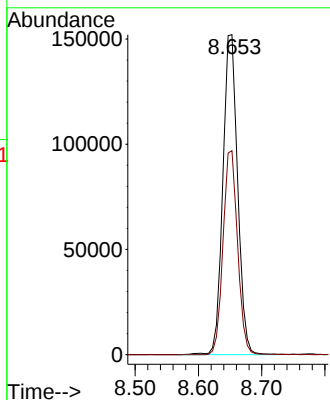
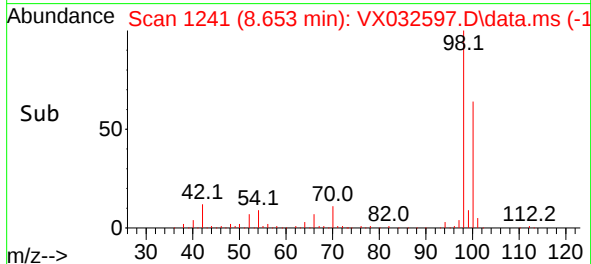
Instrument :
MSVOA_X
ClientSampleId :
LB-3R



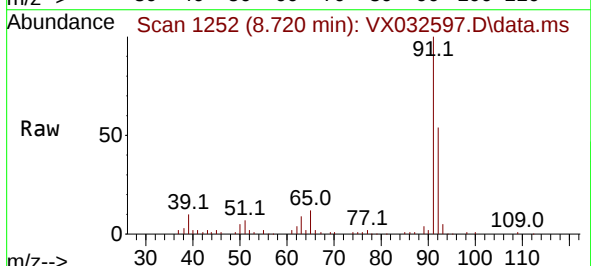
Tgt Ion: 98 Resp: 24620
Ion Ratio Lower Upper
98 100
100 62.7 50.9 76.3

Manual Integrations
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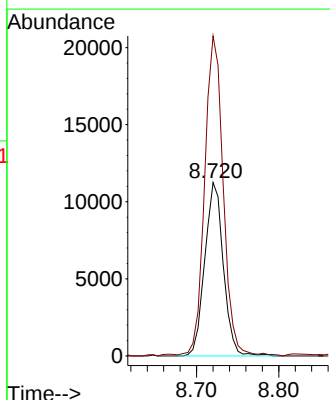
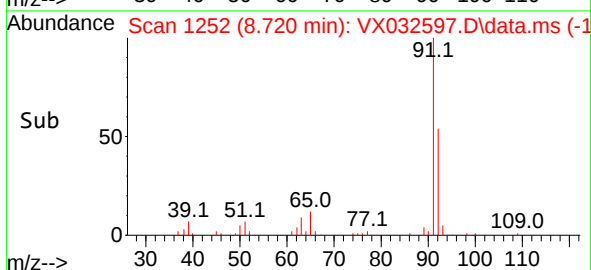
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022

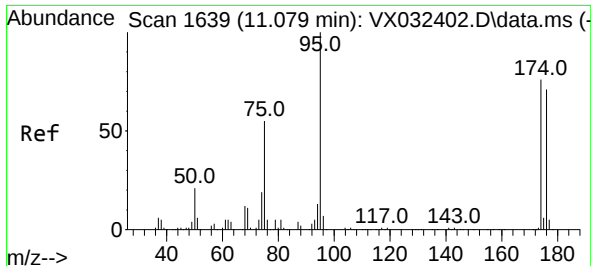


#52
Toluene
Concen: 4.856 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX032597.D
Acq: 05 Nov 2022 02:03



Tgt Ion: 92 Resp: 17666
Ion Ratio Lower Upper
92 100
91 181.4 138.3 207.5





#62

4-Bromofluorobenzene

Concen: 52.566 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX032597.D

Acq: 05 Nov 2022 02:03

Instrument :

MSVOA_X

ClientSampleId :

LB-3R

Tgt Ion: 95 Resp: 10102

Ion Ratio Lower Upper

95 100

174 79.0 0.0 164.0

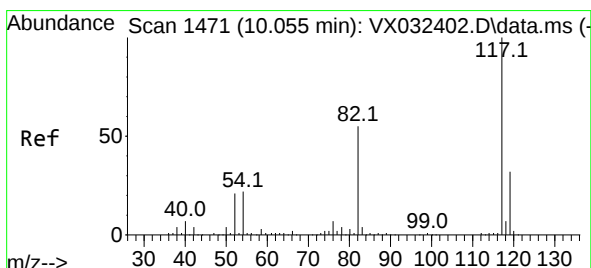
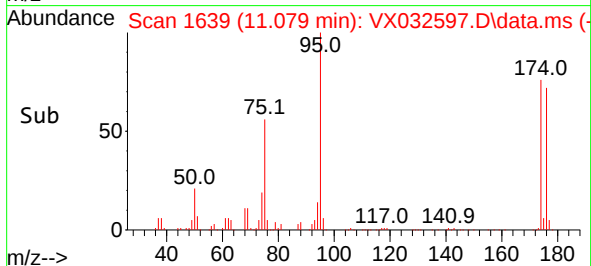
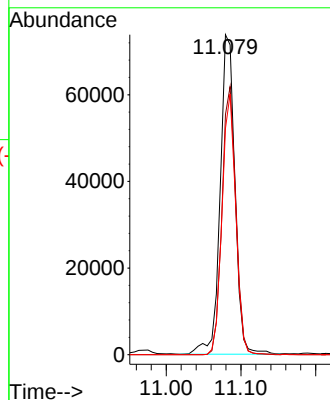
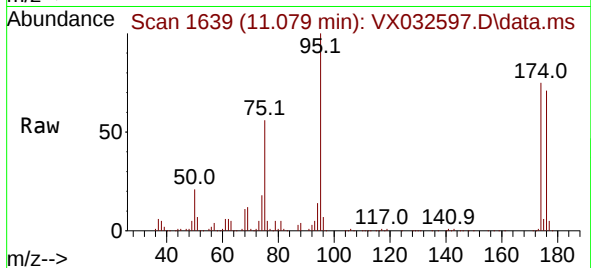
176 75.9 0.0 154.4

Manual Integrations

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Supervised By :Mahesh Dadoda 11/07/2022



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX032597.D

Acq: 05 Nov 2022 02:03

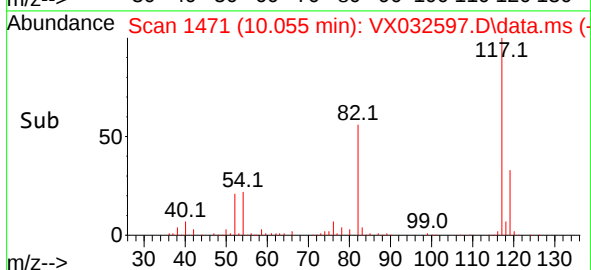
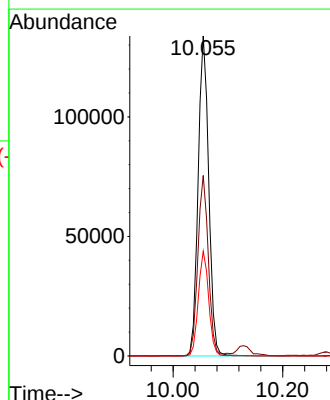
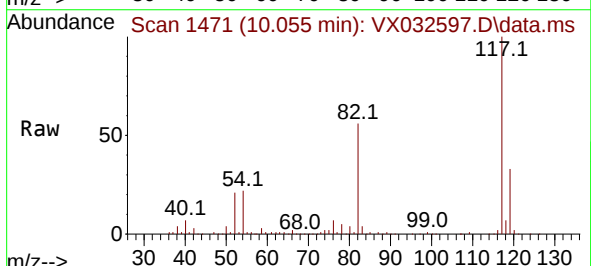
Tgt Ion:117 Resp: 180219

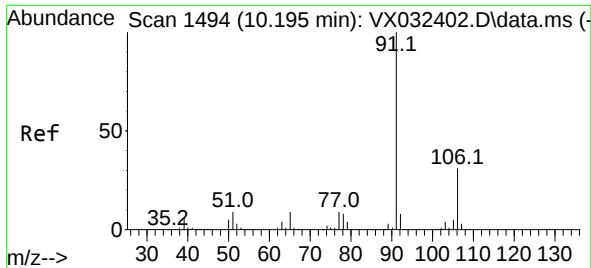
Ion Ratio Lower Upper

117 100

82 56.3 44.3 66.5

119 32.8 25.7 38.5





#67

Ethyl Benzene

Concen: 8.472 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX032597.D

Acq: 05 Nov 2022 02:03

Instrument :

MSVOA_X

ClientSampleId :

LB-3R

Tgt Ion: 91 Resp: 61159

Ion Ratio Lower Upper

91 100

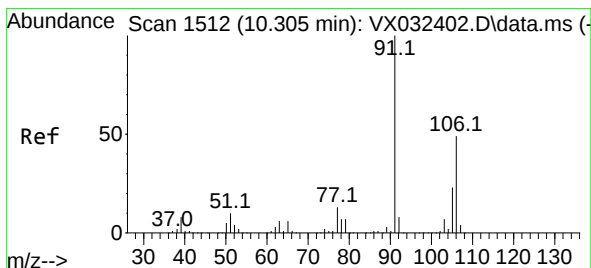
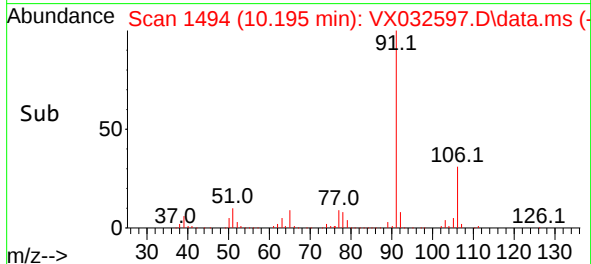
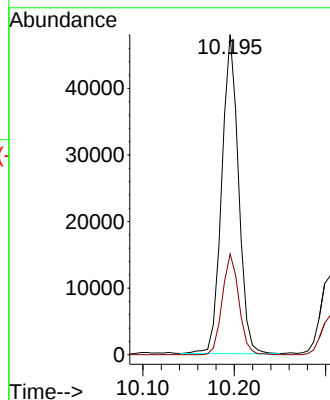
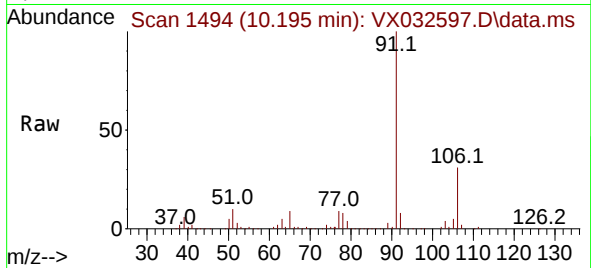
106 31.6 25.0 37.6

Manual Integrations

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Supervised By :Mahesh Dadoda 11/07/2022



#68

m/p-Xylenes

Concen: 2.802 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VX032597.D

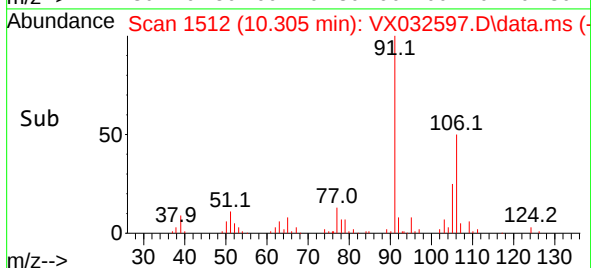
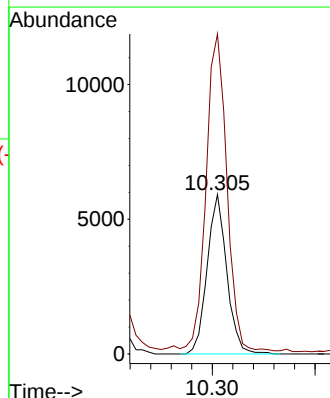
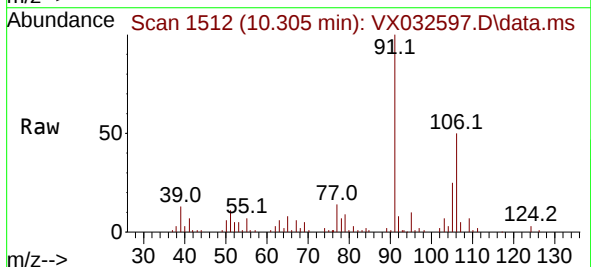
Acq: 05 Nov 2022 02:03

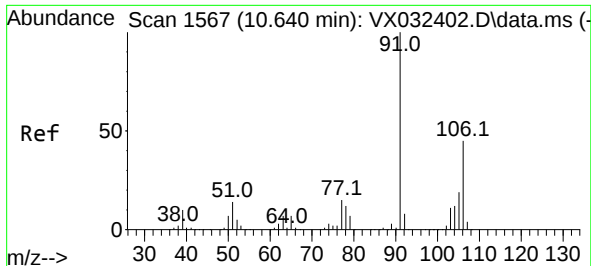
Tgt Ion:106 Resp: 7855

Ion Ratio Lower Upper

106 100

91 210.0 164.5 246.7





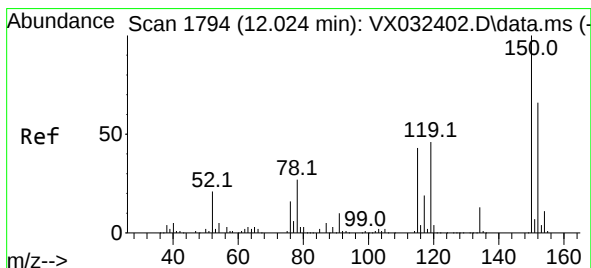
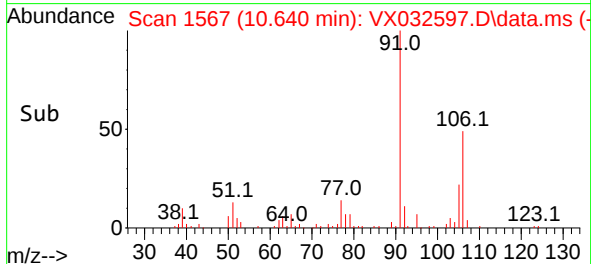
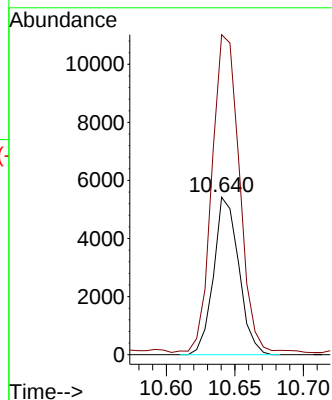
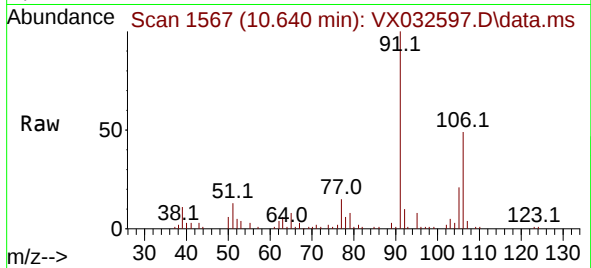
#69
o-Xylene
Concen: 2.535 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX032597.D
Acq: 05 Nov 2022 02:03

Instrument :
MSVOA_X
ClientSampleId :
LB-3R

Tgt Ion:106 Resp: 6910
Ion Ratio Lower Upper
106 100
91 223.4 109.2 327.6

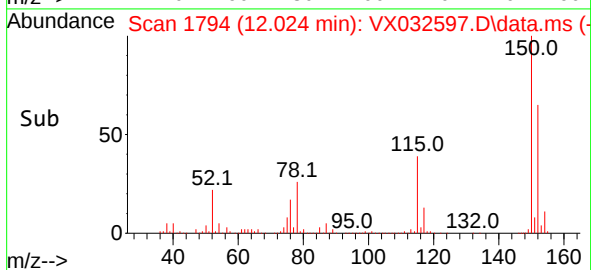
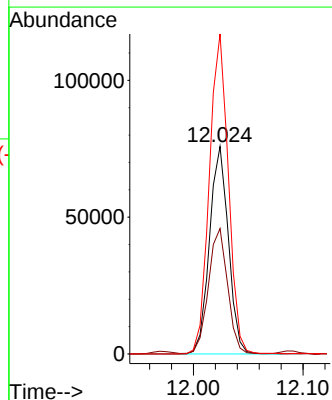
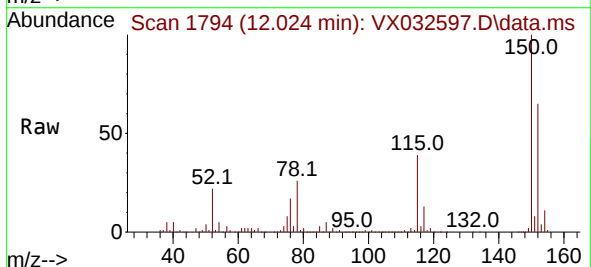
Manual Integrations
APPROVED

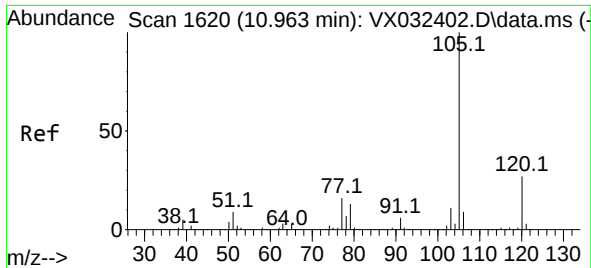
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032597.D
Acq: 05 Nov 2022 02:03

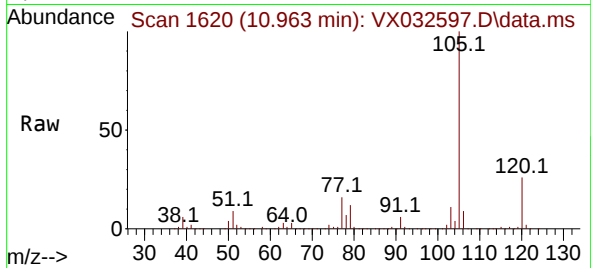
Tgt Ion:152 Resp: 90873
Ion Ratio Lower Upper
152 100
115 61.1 44.0 132.0
150 155.1 0.0 351.8





#73
Isopropylbenzene
Concen: 35.211 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX032597.D
Acq: 05 Nov 2022 02:03

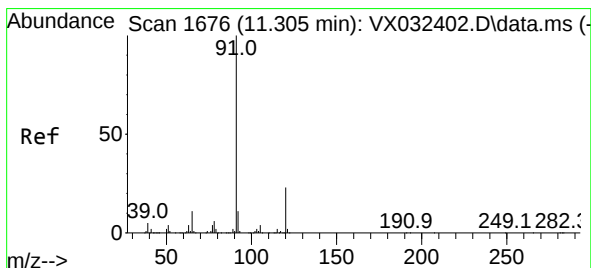
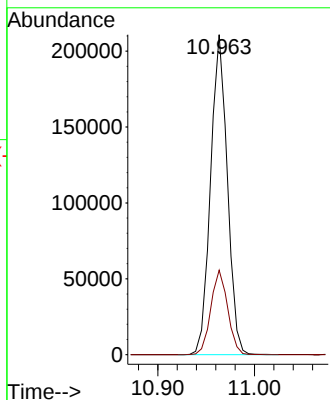
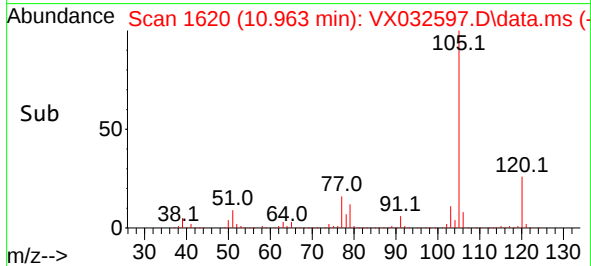
Instrument :
MSVOA_X
ClientSampleId :
LB-3R



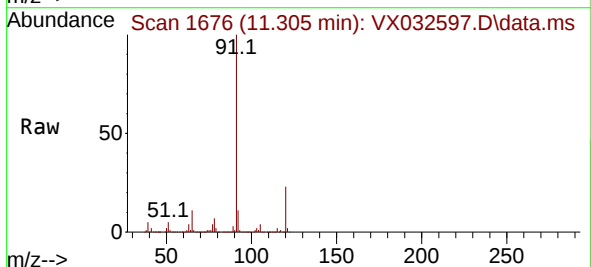
Tgt Ion:105 Resp: 25355
Ion Ratio Lower Upper
105 100
120 26.5 13.1 39.3

Manual Integrations
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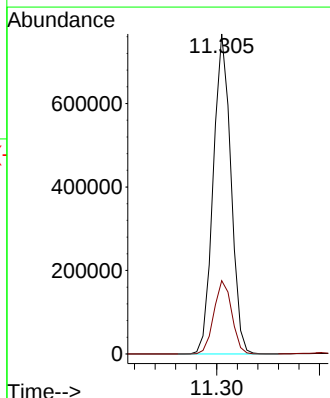
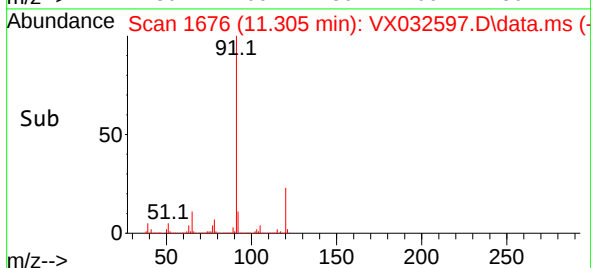
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022

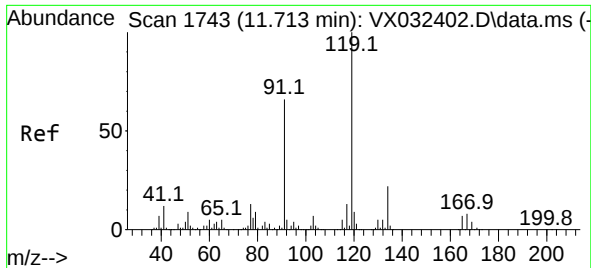


#78
n-propylbenzene
Concen: 110.106 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX032597.D
Acq: 05 Nov 2022 02:03



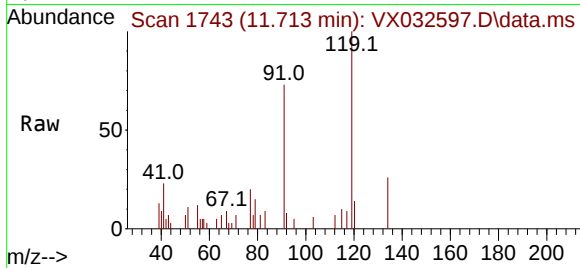
Tgt Ion: 91 Resp: 913488
Ion Ratio Lower Upper
91 100
120 23.2 11.6 34.8





#83
 tert-Butylbenzene
 Concen: 0.444 ug/l
 RT: 11.713 min Scan# 1743
 Delta R.T. 0.000 min
 Lab File: VX032597.D
 Acq: 05 Nov 2022 02:03

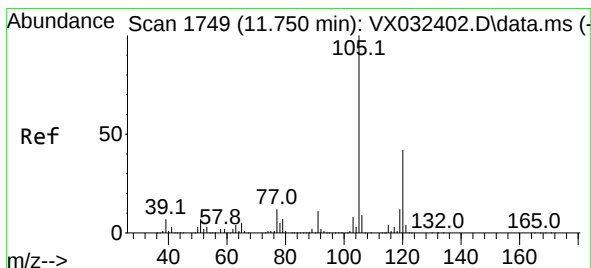
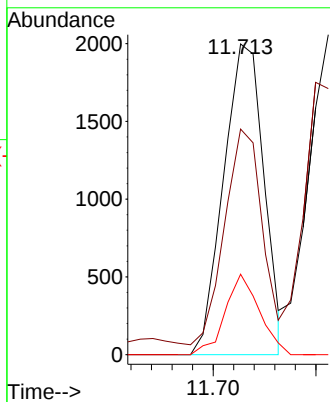
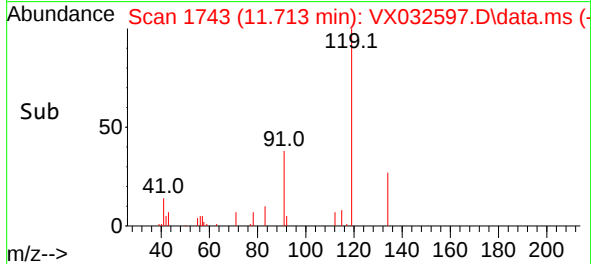
Instrument :
 MSVOA_X
 ClientSampleId :
 LB-3R



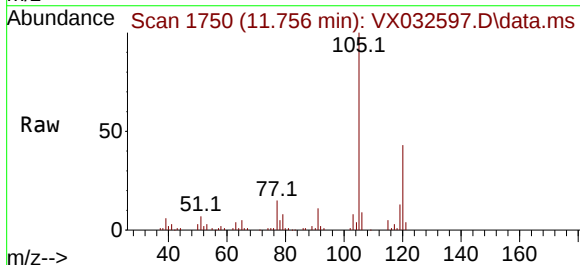
Tgt Ion:119 Resp: 2730
 Ion Ratio Lower Upper
 119 100
 91 67.2 29.4 88.2
 134 21.9 11.0 33.0

Manual Integrations
 APPROVED

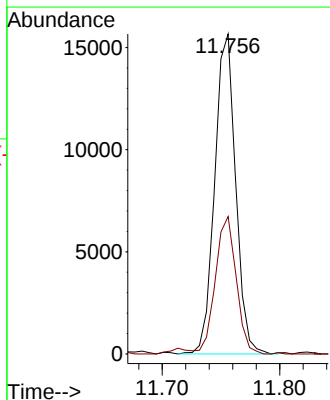
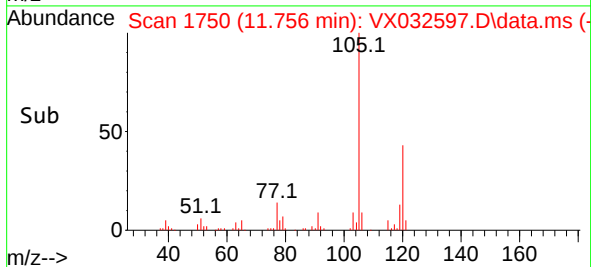
Reviewed By :John Carlone 11/07/2022
 Supervised By :Mahesh Dadoda 11/07/2022

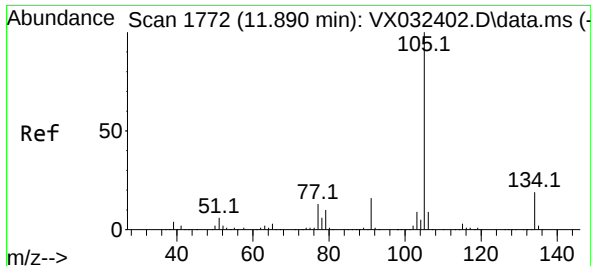


#84
 1,2,4-Trimethylbenzene
 Concen: 3.173 ug/l
 RT: 11.756 min Scan# 1750
 Delta R.T. 0.006 min
 Lab File: VX032597.D
 Acq: 05 Nov 2022 02:03



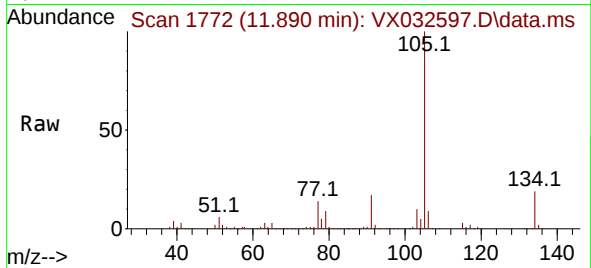
Tgt Ion:105 Resp: 19420
 Ion Ratio Lower Upper
 105 100
 120 42.8 21.9 65.5





#85
 sec-Butylbenzene
 Concen: 9.513 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX032597.D
 Acq: 05 Nov 2022 02:03

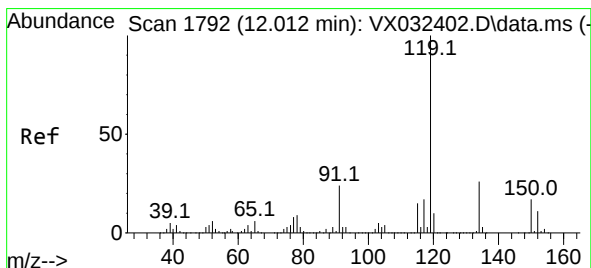
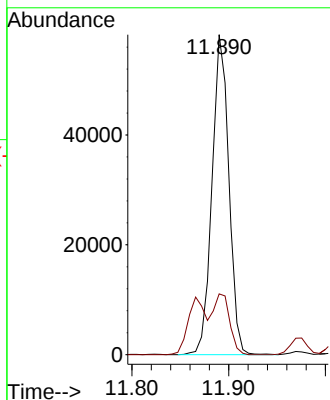
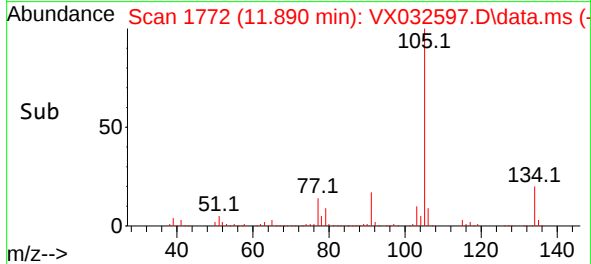
Instrument :
 MSVOA_X
 ClientSampleId :
 LB-3R



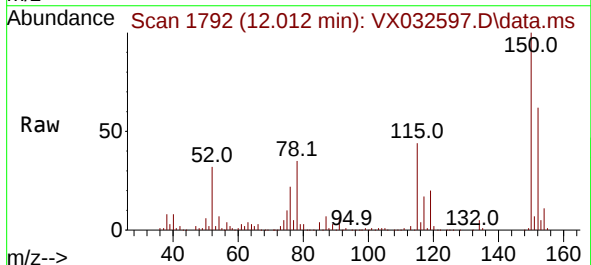
Tgt Ion:105 Resp: 7033
 Ion Ratio Lower Upper
 105 100
 134 18.8 9.9 29.7

Manual Integrations
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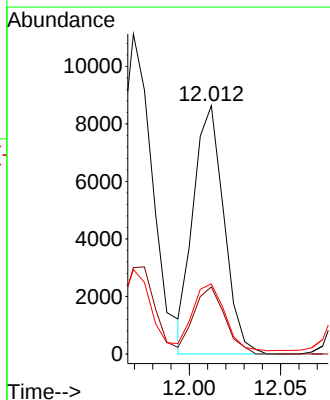
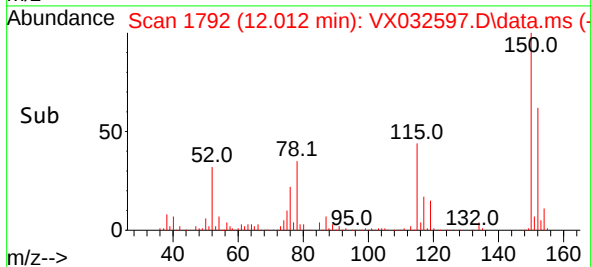
Reviewed By :John Carlone 11/07/2022
 Supervised By :Mahesh Dadoda 11/07/2022

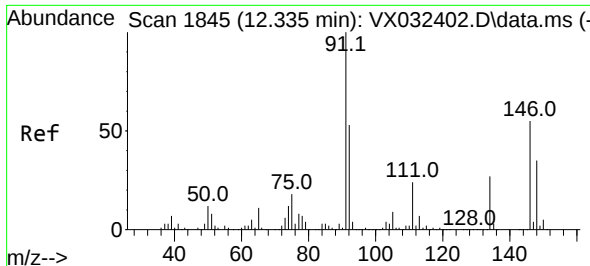


#86
 p-Isopropyltoluene
 Concen: 1.602 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX032597.D
 Acq: 05 Nov 2022 02:03



Tgt Ion:119 Resp: 10051
 Ion Ratio Lower Upper
 119 100
 134 27.5 12.9 38.7
 91 28.0 12.5 37.5





#89

n-Butylbenzene

Concen: 16.681 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX032597.D

Acq: 05 Nov 2022 02:03

Instrument :

MSVOA_X

ClientSampleId :

LB-3R

Tgt Ion: 91 Resp: 9104

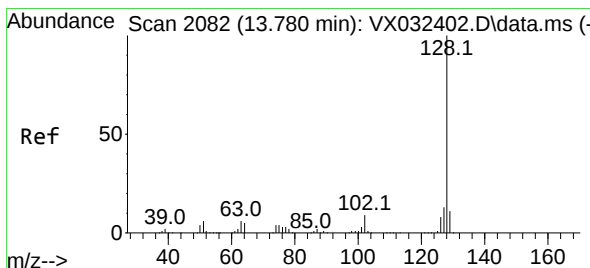
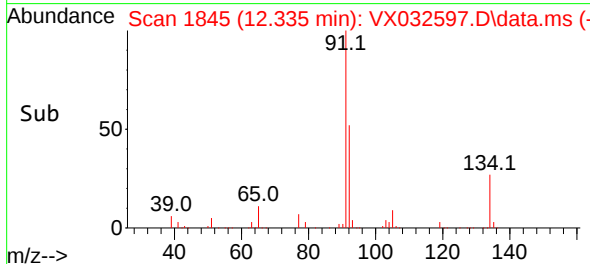
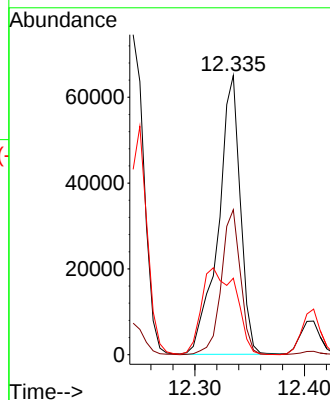
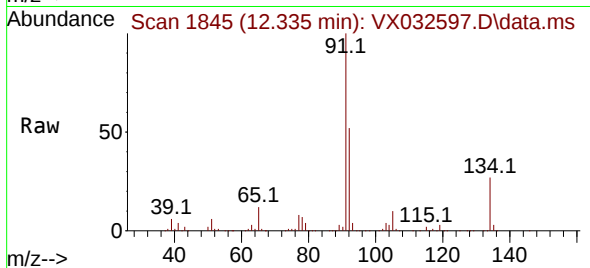
Ion	Ratio	Lower	Upper
91	100		
92	45.2	26.2	78.6
134	48.1	12.9	38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/07/2022

Supervised By :Mahesh Dadoda 11/07/2022



#95

Naphthalene

Concen: 3.362 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.006 min

Lab File: VX032597.D

Acq: 05 Nov 2022 02:03

Tgt Ion:128 Resp: 23985

Ion	Ratio	Lower	Upper
128	100		
127	15.4	10.2	15.4#
129	13.4	8.9	13.3#

