

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040822\
 Data File : VX028042.D
 Acq On : 08 Apr 2022 21:00
 Operator : JC/MD
 Sample : N2334-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP040722

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/11/2022
 Supervised By : Mahesh Dadoda 04/11/2022

Quant Time: Apr 11 01:20:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 07 18:12:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	105555	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	159430	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	163062	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	71524	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	65999	41.189	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 82.380%			
35) Dibromofluoromethane	5.391	113	55111	51.497	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.000%			
50) Toluene-d8	8.653	98	193420	50.654	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.300%			
62) 4-Bromofluorobenzene	11.079	95	83767	51.605	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 103.220%			
Target Compounds						
					Qvalue	
39) Methylcyclohexane	7.385	83	2218	1.216	ug/l #	84
68) m/p-Xylenes	10.305	106	26064	11.153	ug/l	92
69) o-Xylene	10.640	106	9776	4.259	ug/l	99
73) Isopropylbenzene	10.970	105	1956	0.353	ug/l	93
78) n-propylbenzene	11.305	91	4259	0.644	ug/l #	52
80) 1,3,5-Trimethylbenzene	11.451	105	483693	101.657	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	735525	154.071	ug/l	98
85) sec-Butylbenzene	11.890	105	5891m	1.055	ug/l	
86) p-Isopropyltoluene	12.012	119	11767	2.515	ug/l	88

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

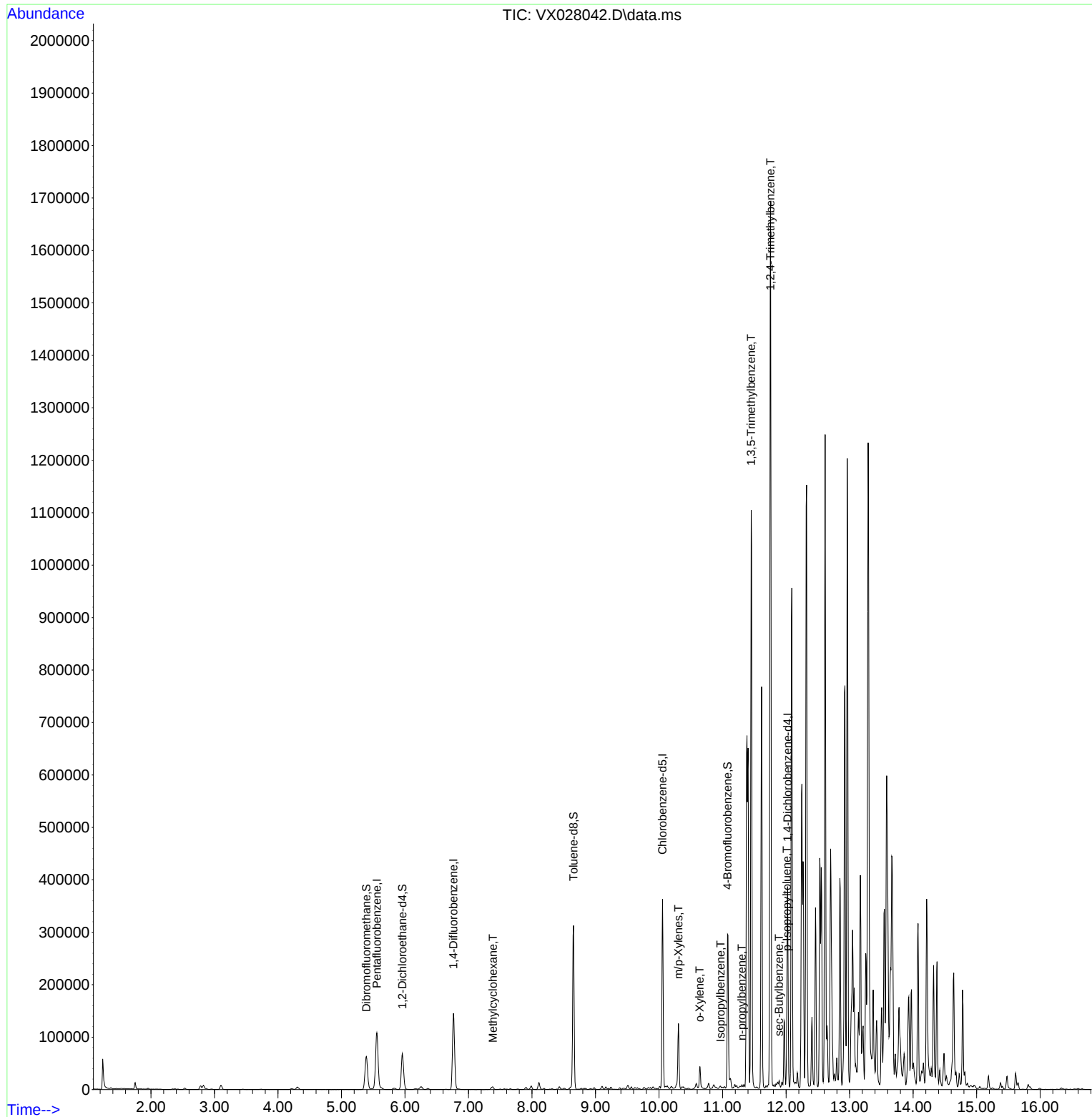
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040822\
Data File : VX028042.D
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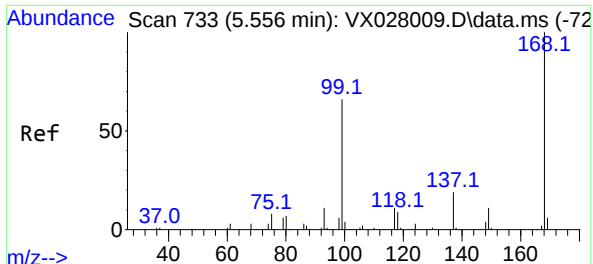
Instrument :
MSVOA_X
ClientSampleId :
DUP040722

Quant Time: Apr 11 01:20:29 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040722W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 07 18:12:28 2022
Response via : Initial Calibration

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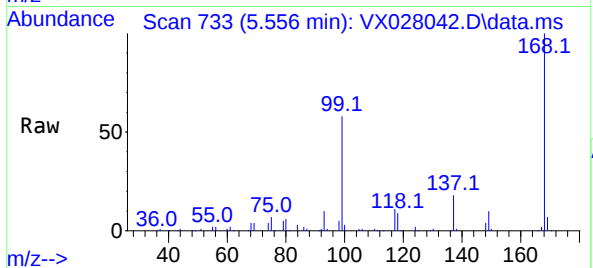
Reviewed By : John Carlone 04/11/2022
Supervised By : Mahesh Dadoda 04/11/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.000 min
Lab File: VX028042.D
Acq: 08 Apr 2022 21:00

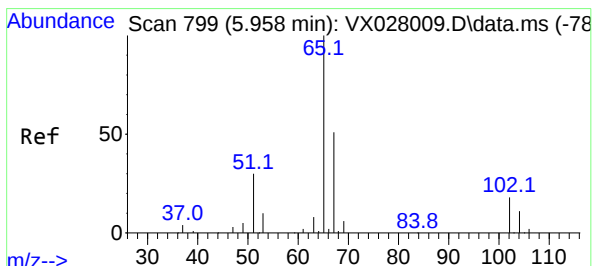
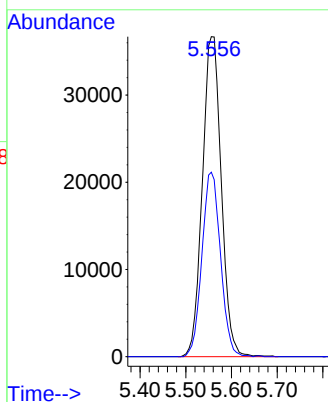
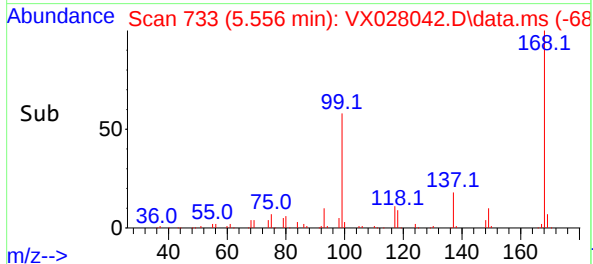
Instrument :
MSVOA_X
ClientSampleId :
DUP040722



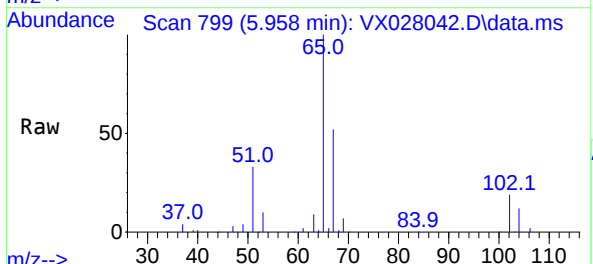
Tgt Ion:168 Resp: 10555
Ion Ratio Lower Upper
168 100
99 57.7 41.7 62.5

Manual Integrations
APPROVED

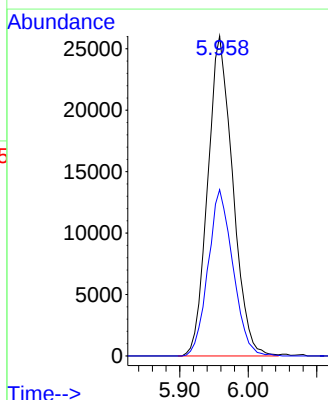
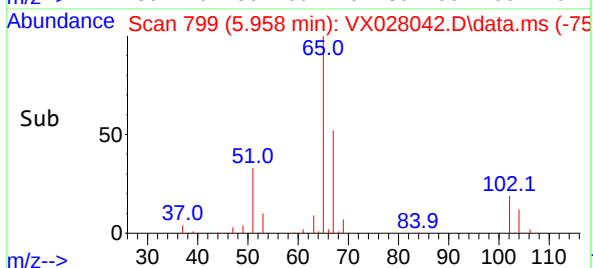
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022

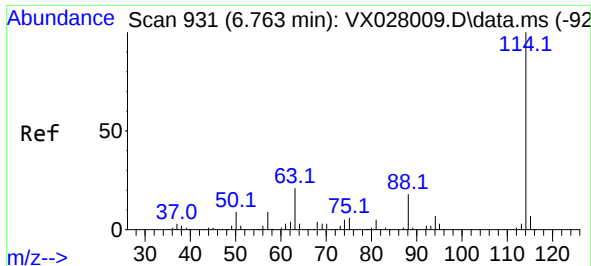


#33
1,2-Dichloroethane-d4
Concen: 41.189 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028042.D
Acq: 08 Apr 2022 21:00



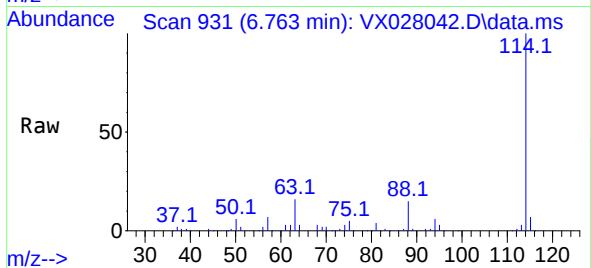
Tgt Ion: 65 Resp: 65999
Ion Ratio Lower Upper
65 100
67 51.6 0.0 107.4





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX028042.D
Acq: 08 Apr 2022 21:00

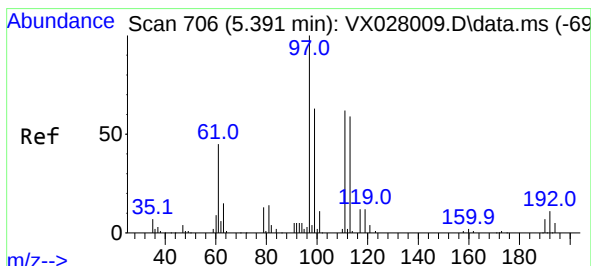
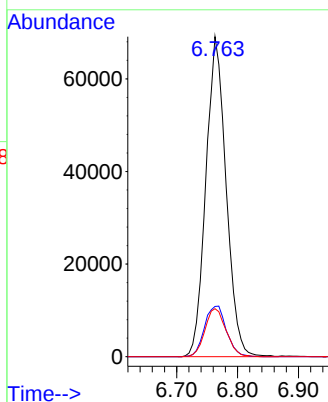
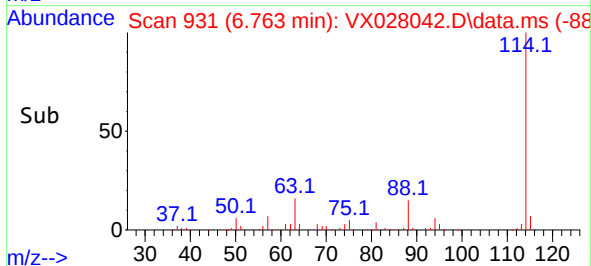
Instrument :
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ClientSampleId :
DUP040722



Tgt Ion:114 Resp: 159430
Ion Ratio Lower Upper
114 100
63 15.7 0.0 36.8
88 15.0 0.0 32.4

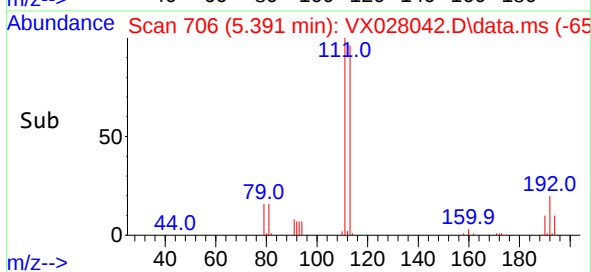
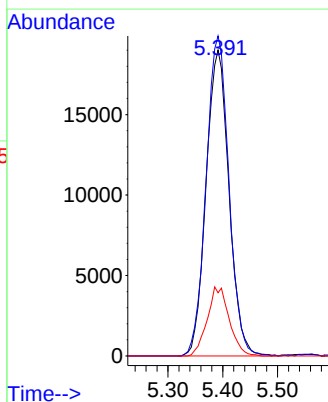
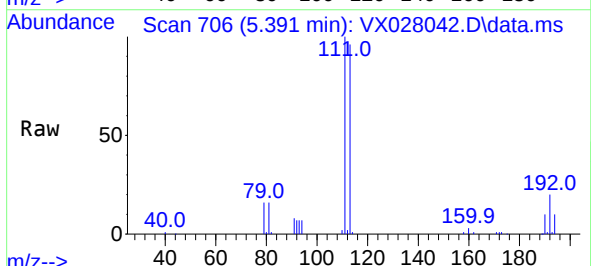
Manual Integrations
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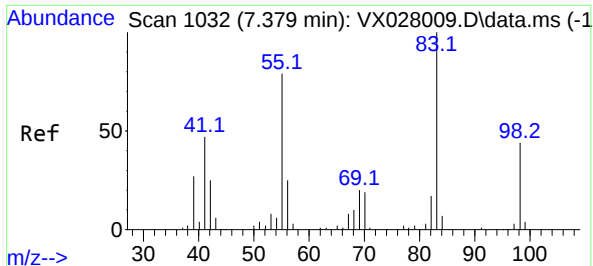
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022



#35
Dibromofluoromethane
Concen: 51.497 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX028042.D
Acq: 08 Apr 2022 21:00

Tgt Ion:113 Resp: 55111
Ion Ratio Lower Upper
113 100
111 104.0 82.8 124.2
192 21.8 16.9 25.3





#39

Methylcyclohexane

Concen: 1.216 ug/l

RT: 7.385 min Scan# 1032

Delta R.T. 0.006 min

Lab File: VX028042.D

Acq: 08 Apr 2022 21:00

Instrument :

MSVOA_X

ClientSampleId :

DUP040722

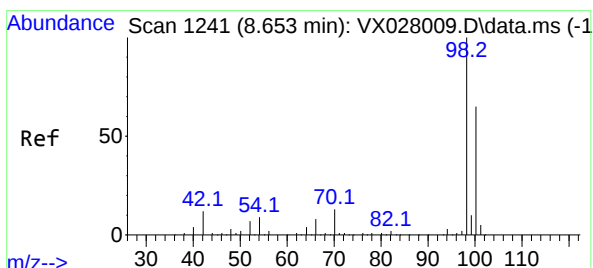
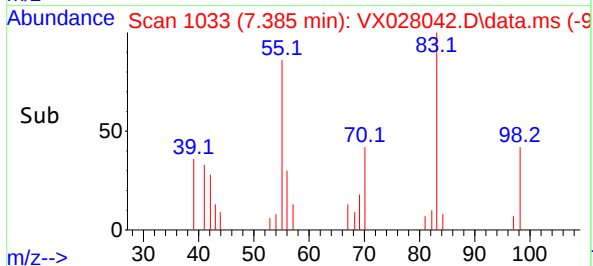
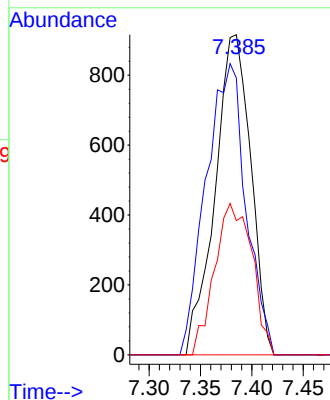
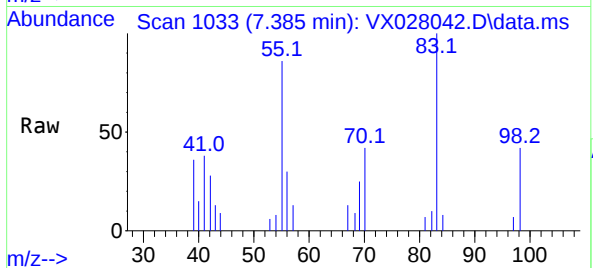
Tgt Ion: 83	Resp: 2218
Ion Ratio	Lower Upper
83	100
55	86.5 54.6 81.8
98	41.9 37.4 56.2

Manual Integrations

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#50

Toluene-d8

Concen: 50.654 ug/l

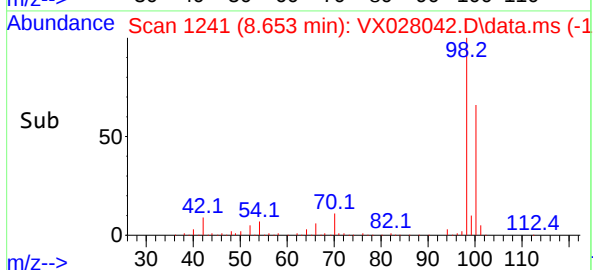
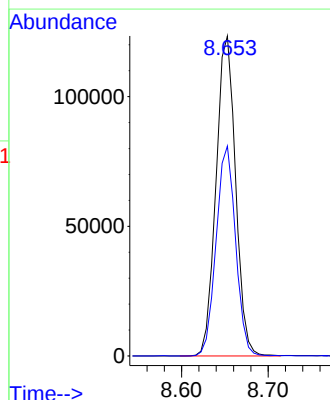
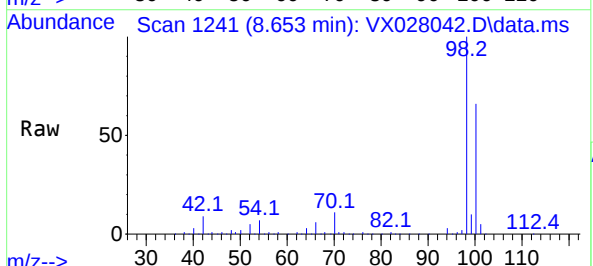
RT: 8.653 min Scan# 1241

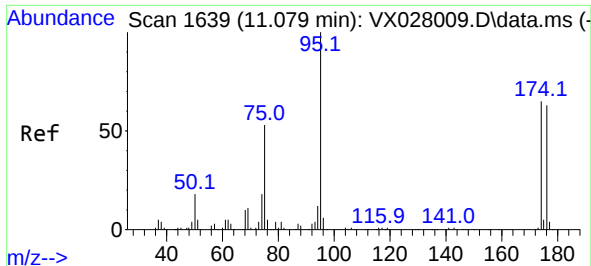
Delta R.T. -0.000 min

Lab File: VX028042.D

Acq: 08 Apr 2022 21:00

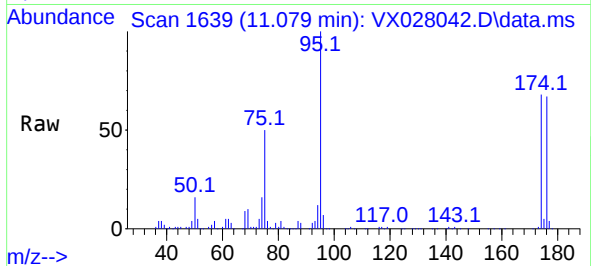
Tgt Ion: 98	Resp: 193420
Ion Ratio	Lower Upper
98	100
100	65.4 52.6 78.8





#62
4-Bromofluorobenzene
Concen: 51.605 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX028042.D
Acq: 08 Apr 2022 21:00

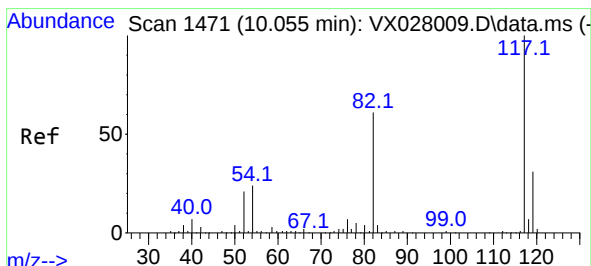
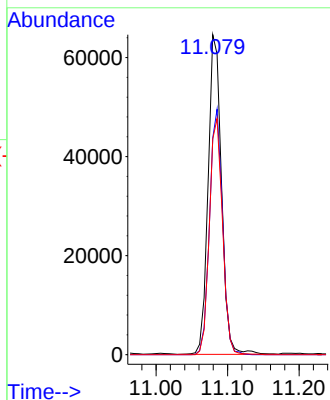
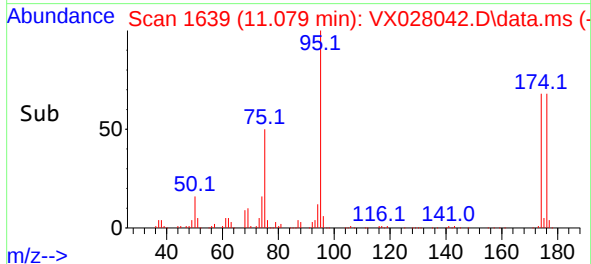
Instrument :
MSVOA_X
ClientSampleId :
DUP040722



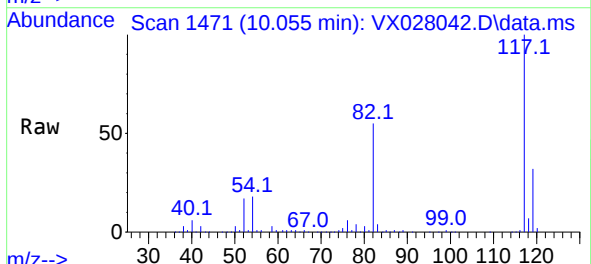
Tgt Ion: 95 Resp: 8376
Ion Ratio Lower Upper
95 100
174 74.4 0.0 163.0
176 72.5 0.0 155.0

Manual Integrations
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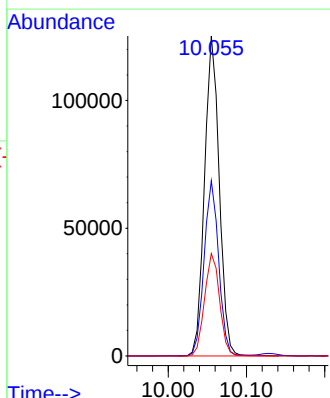
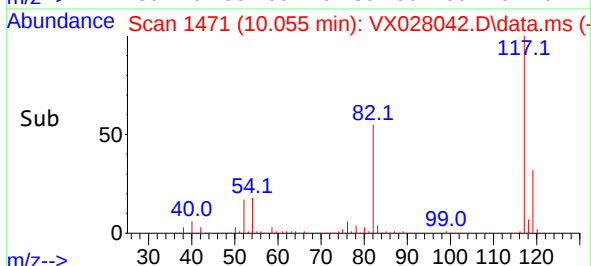
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022

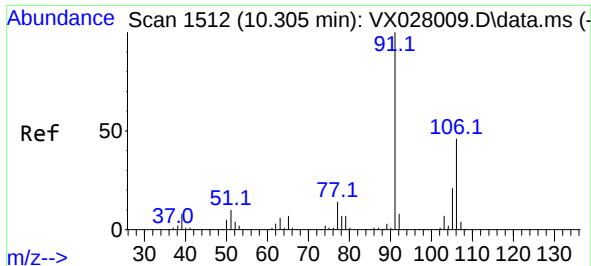


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028042.D
Acq: 08 Apr 2022 21:00



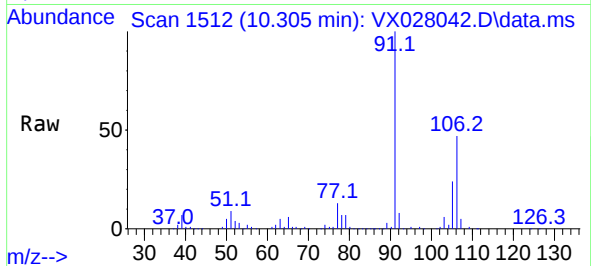
Tgt Ion:117 Resp: 163062
Ion Ratio Lower Upper
117 100
82 54.7 41.8 62.8
119 32.0 24.8 37.2





#68
m/p-Xylenes
Concen: 11.153 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX028042.D
Acq: 08 Apr 2022 21:00

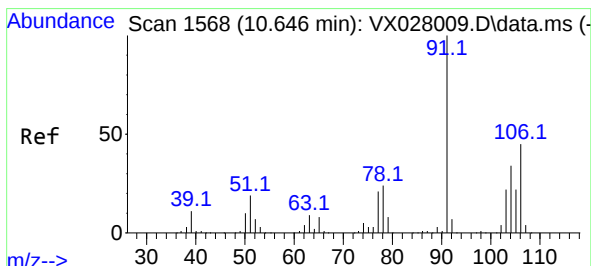
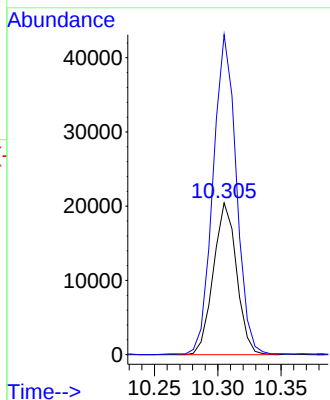
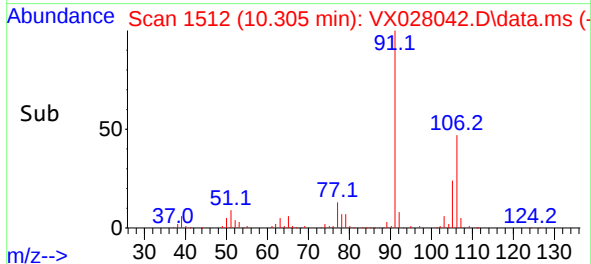
Instrument :
MSVOA_X
ClientSampleId :
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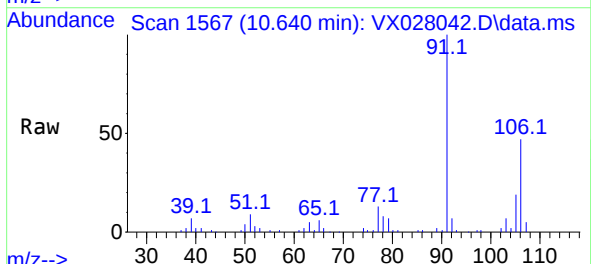
Tgt Ion:106 Resp: 26064
Ion Ratio Lower Upper
106 100
91 212.2 160.4 240.6

Manual Integrations
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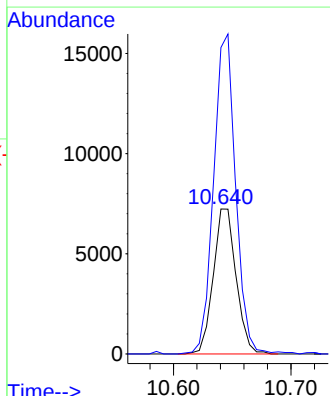
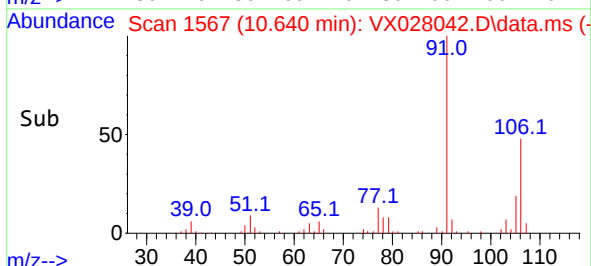
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022

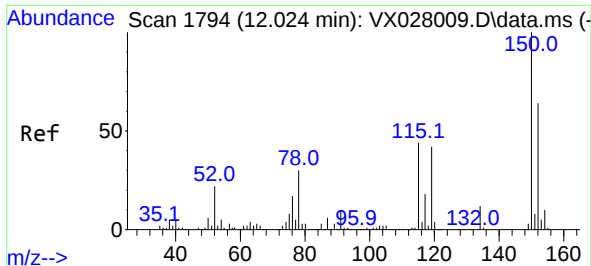


#69
o-Xylene
Concen: 4.259 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VX028042.D
Acq: 08 Apr 2022 21:00



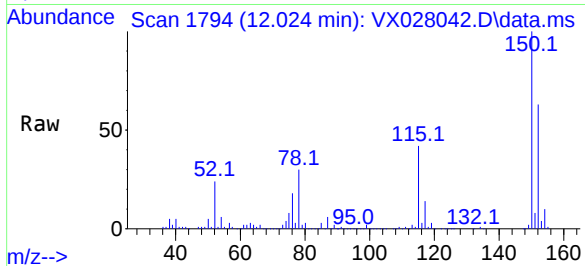
Tgt Ion:106 Resp: 9776
Ion Ratio Lower Upper
106 100
91 213.3 106.1 318.1





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028042.D
Acq: 08 Apr 2022 21:00

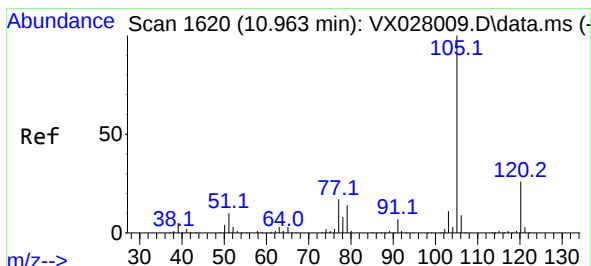
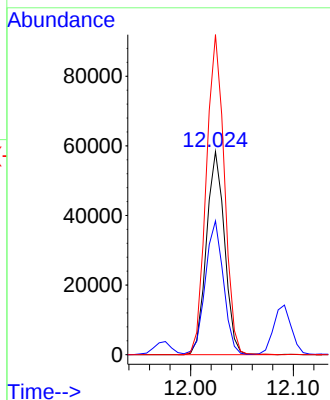
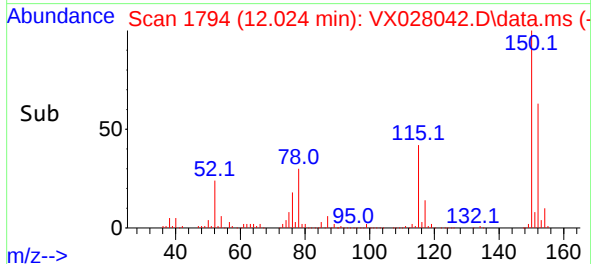
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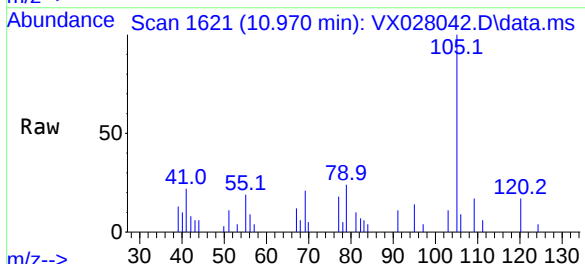
Tgt Ion:152 Resp: 71524
Ion Ratio Lower Upper
152 100
115 66.1 37.5 112.7
150 156.9 0.0 338.2

Manual Integrations
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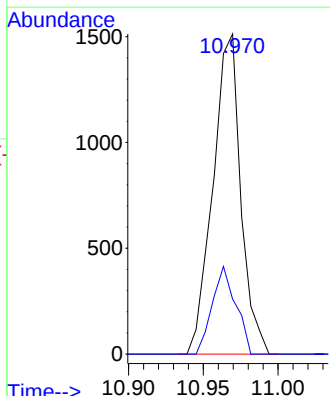
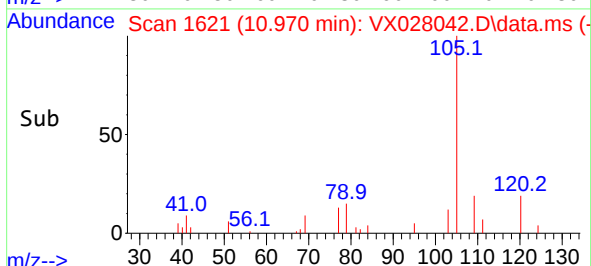
Reviewed By :John Carlone 04/11/2022
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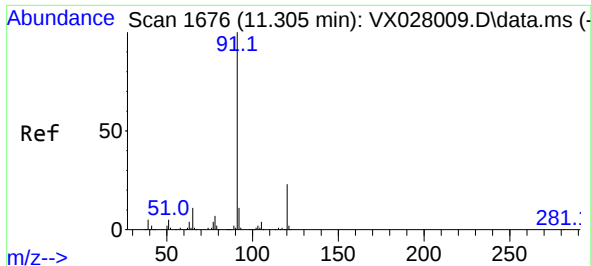


#73
Isopropylbenzene
Concen: 0.353 ug/l
RT: 10.970 min Scan# 1621
Delta R.T. 0.007 min
Lab File: VX028042.D
Acq: 08 Apr 2022 21:00



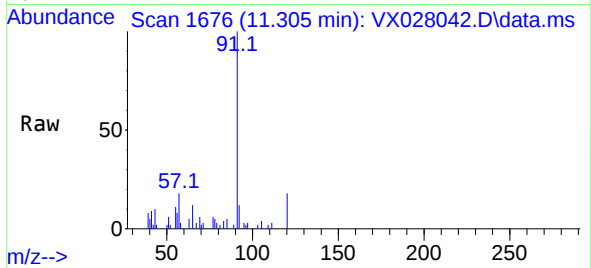
Tgt Ion:105 Resp: 1956
Ion Ratio Lower Upper
105 100
120 23.2 13.5 40.5





#78
n-propylbenzene
Concen: 0.644 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX028042.D
Acq: 08 Apr 2022 21:00

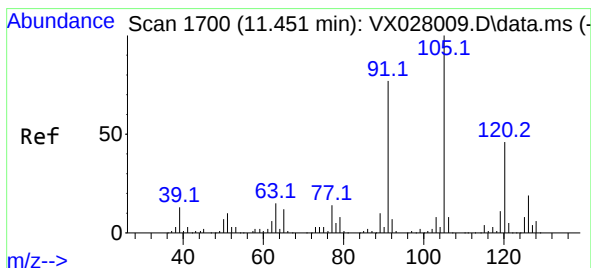
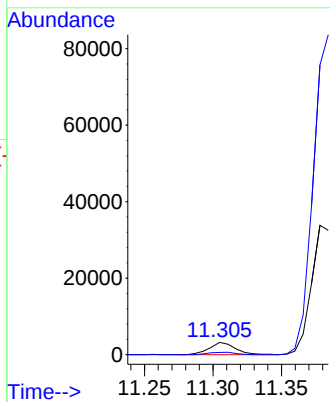
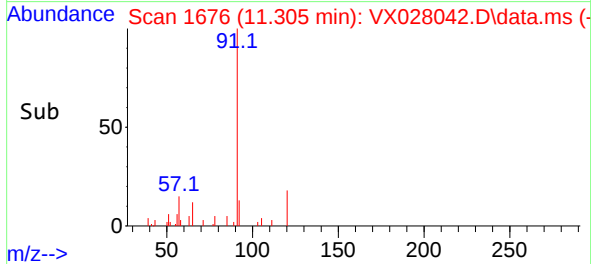
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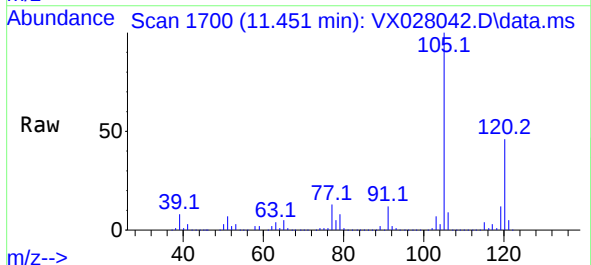
Tgt Ion: 91 Resp: 4259
Ion Ratio Lower Upper
91 100
120 0.0 11.6 34.8

Manual Integrations
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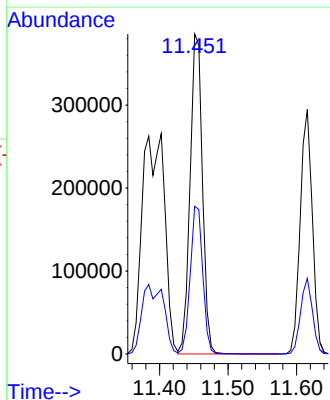
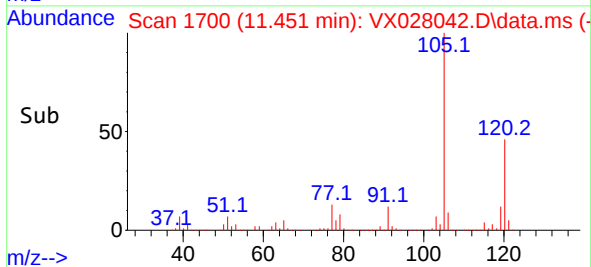
Reviewed By :John Carlone 04/11/2022
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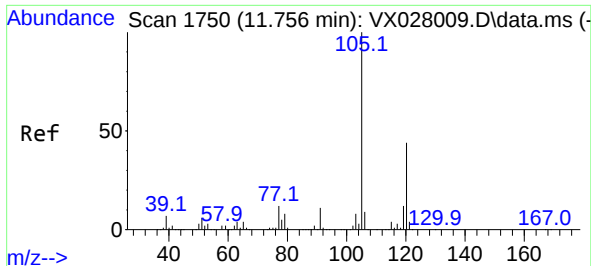


#80
1,3,5-Trimethylbenzene
Concen: 101.657 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX028042.D
Acq: 08 Apr 2022 21:00



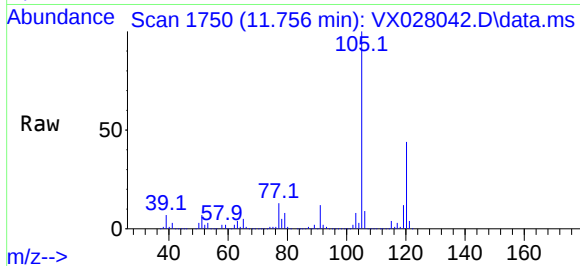
Tgt Ion:105 Resp: 483693
Ion Ratio Lower Upper
105 100
120 46.6 24.3 72.9





#84
1,2,4-Trimethylbenzene
Concen: 154.071 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX028042.D
Acq: 08 Apr 2022 21:00

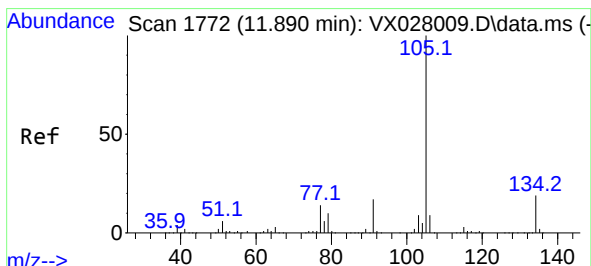
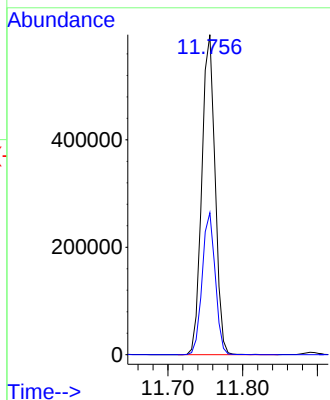
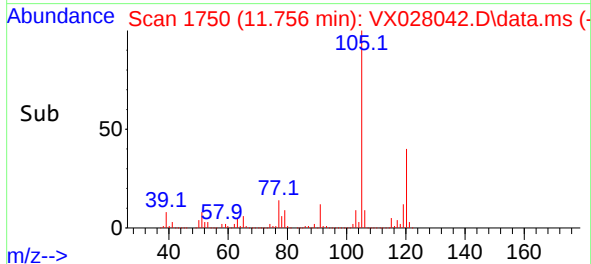
Instrument :
MSVOA_X
ClientSampleId :
DUP040722



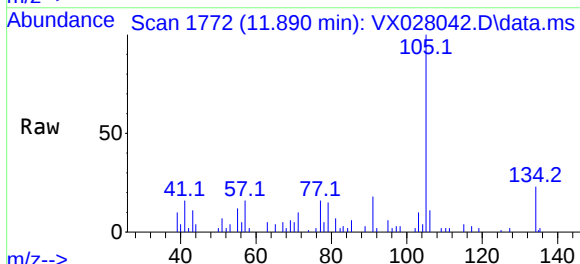
Tgt Ion:105 Resp: 73552
Ion Ratio Lower Upper
105 100
120 43.6 22.6 67.8

Manual Integrations
APPROVED

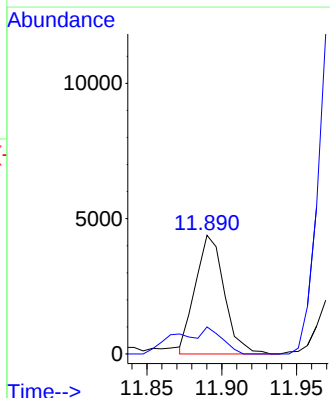
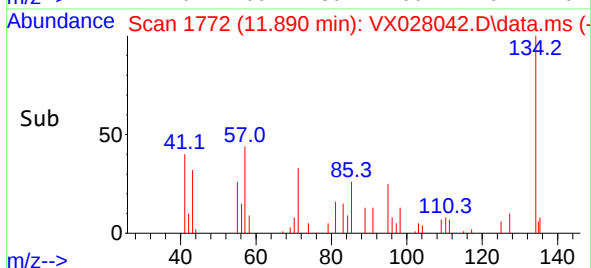
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022

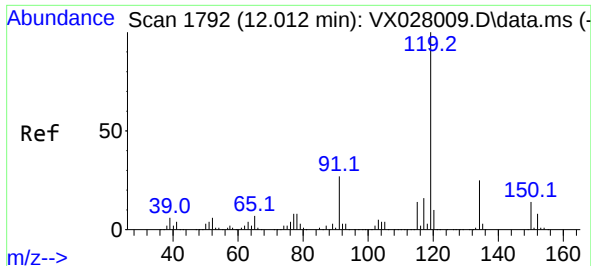


#85
sec-Butylbenzene
Concen: 1.055 ug/l m
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX028042.D
Acq: 08 Apr 2022 21:00



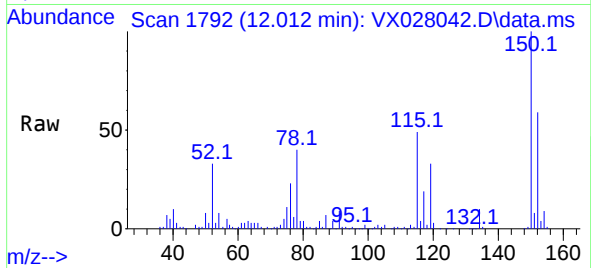
Tgt Ion:105 Resp: 5891
Ion Ratio Lower Upper
105 100
134 0.0 10.2 30.4#





#86
 p-Isopropyltoluene
 Concen: 2.515 ug/l
 RT: 12.012 min Scan# 1176
 Delta R.T. 0.000 min
 Lab File: VX028042.D
 Acq: 08 Apr 2022 21:00

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP040722



Tgt Ion:119 Resp: 1176
 Ion Ratio Lower Upper
 119 100
 134 28.6 13.0 39.0
 91 31.7 11.3 33.9

Manual Integrations
 APPROVED

Reviewed By :John Carlone 04/11/2022
 Supervised By :Mahesh Dadoda 04/11/2022

