

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070622\
 Data File : VX029943.D
 Acq On : 06 Jul 2022 14:54
 Operator : JC/MD
 Sample : N3599-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 INF0722

Quant Time: Jul 07 02:36:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 05:54:51 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	5.555	168	206366	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	357647	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	307776	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	148430	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	109721	42.003	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	84.000%		
35) Dibromofluoromethane	5.397	113	100196	44.828	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.660%		
50) Toluene-d8	8.652	98	409154	48.796	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.600%		
62) 4-Bromofluorobenzene	11.085	95	143408	48.384	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.760%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.971	59	13391	19.601	ug/l #	74
16) Acetone	2.385	43	13501	10.564	ug/l	94
22) Diisopropyl ether	3.769	45	10540	1.330	ug/l #	65
25) 2-Butanone	4.574	43	9747	4.394	ug/l	91
31) Cyclohexane	5.476	56	215471	59.159	ug/l	96
39) Methylcyclohexane	7.384	83	107136	29.807	ug/l	96
40) Benzene	6.043	78	3308653	344.206	ug/l	97
52) Toluene	8.720	92	391112	67.429	ug/l	100
67) Ethyl Benzene	10.195	91	3165259	294.551	ug/l	99
68) m/p-Xylenes	10.305	106	2793619	677.827	ug/l	98
69) o-Xylene	10.646	106	414902	99.388	ug/l	99
73) Isopropylbenzene	10.963	105	360273	33.544	ug/l	98
78) n-propylbenzene	11.304	91	834424	65.873	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	556586	62.424	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	2721915	304.747	ug/l	100
85) sec-Butylbenzene	11.896	105	29758m	2.672	ug/l	
86) p-Isopropyltoluene	12.012	119	13103	1.474	ug/l #	77
89) n-Butylbenzene	12.335	91	34664m	4.149	ug/l	
95) Naphthalene	13.780	128	1264142	105.447	ug/l	100

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

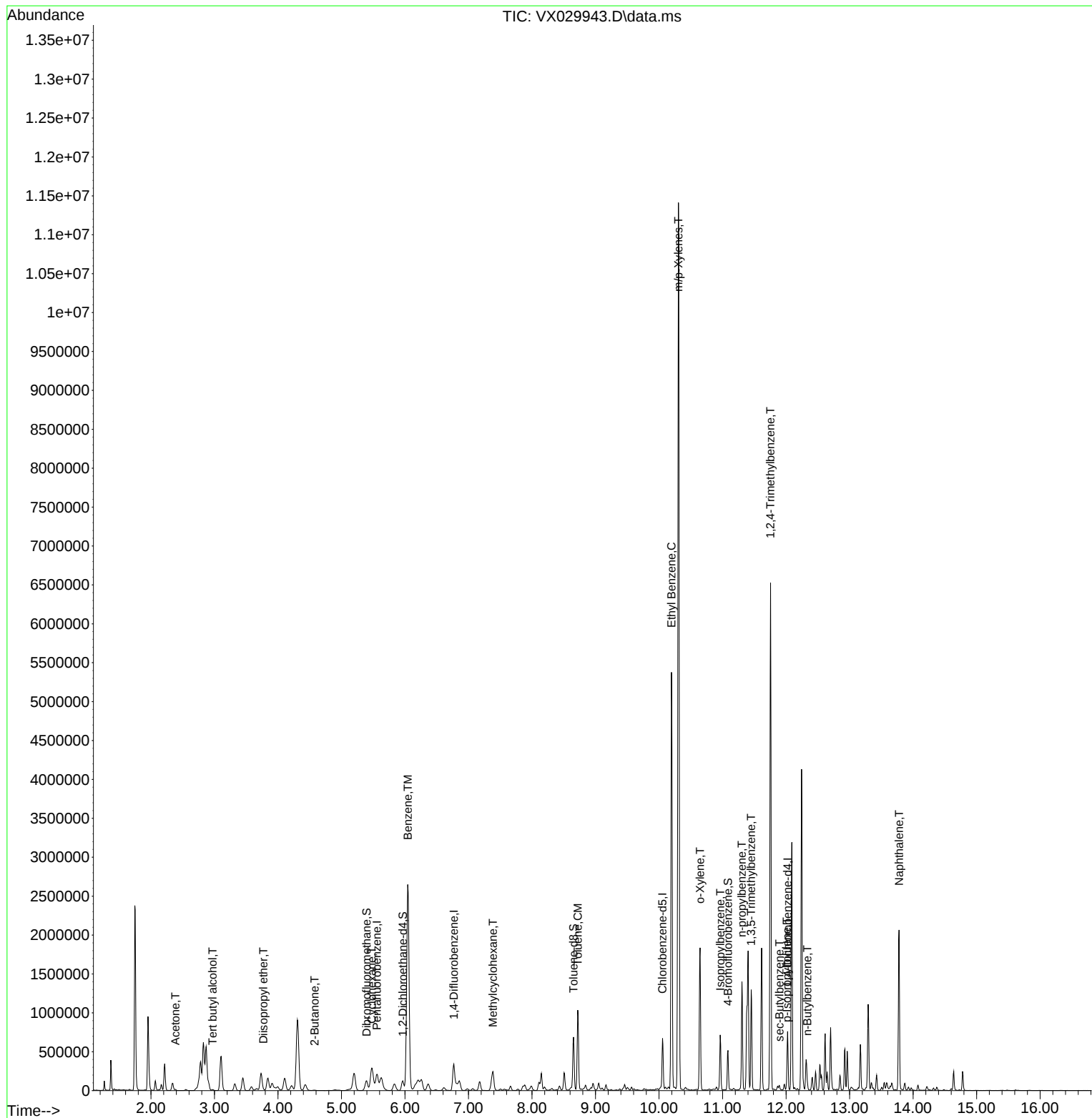
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070622\
Data File : VX029943.D
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062822W.M
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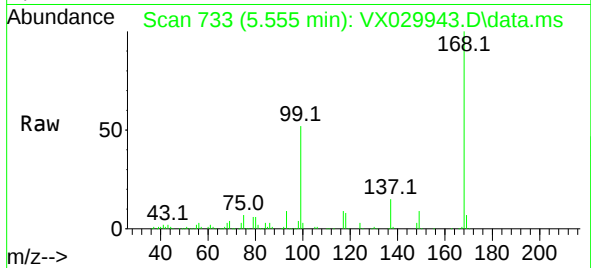
Reviewed By : John Carlone 07/07/2022
Supervised By : Mahesh Dadoda 07/07/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.555 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX029943.D
Acq: 06 Jul 2022 14:54

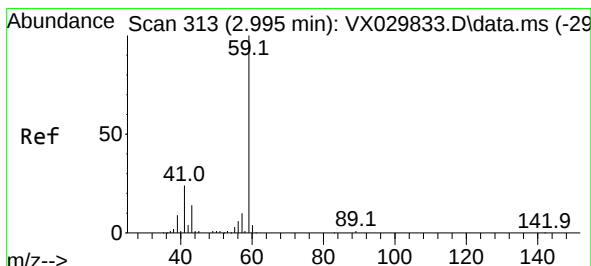
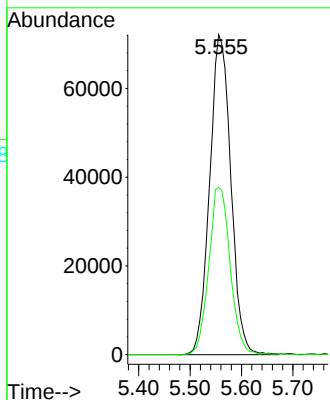
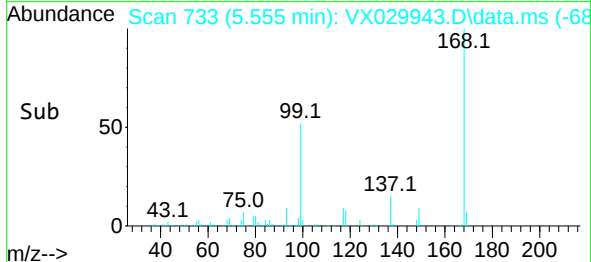
Instrument :
MSVOA_X
ClientSampleId :
INF0722



Tgt Ion:168 Resp: 206360
Ion Ratio Lower Upper
168 100
99 52.3 44.0 66.0

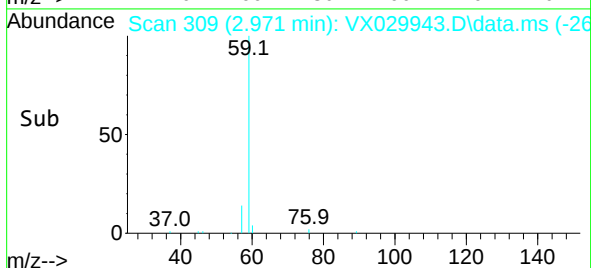
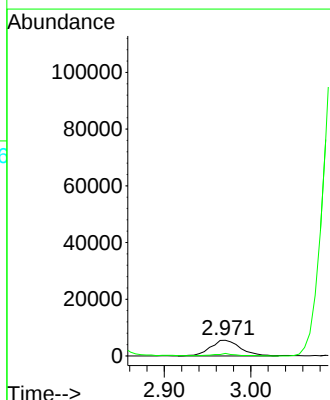
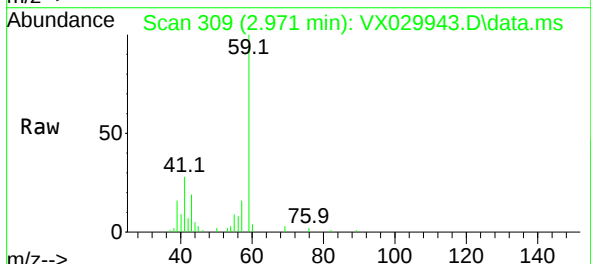
Manual Integrations
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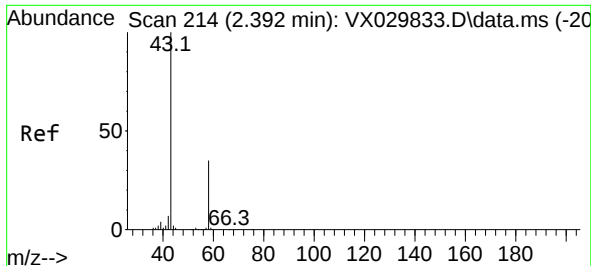
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#11
Tert butyl alcohol
Concen: 19.601 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.025 min
Lab File: VX029943.D
Acq: 06 Jul 2022 14:54

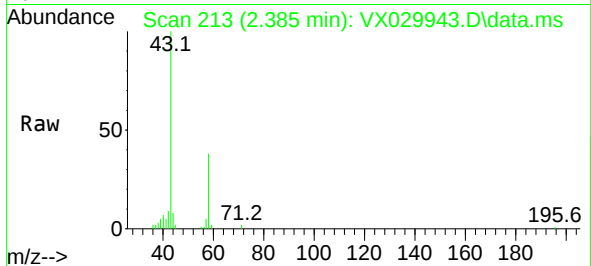
Tgt Ion: 59 Resp: 13391
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#





#16
Acetone
Concen: 10.564 ug/l
RT: 2.385 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX029943.D
Acq: 06 Jul 2022 14:54

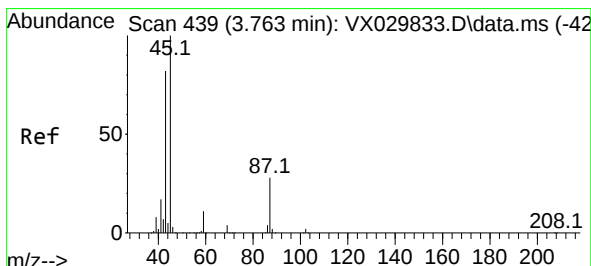
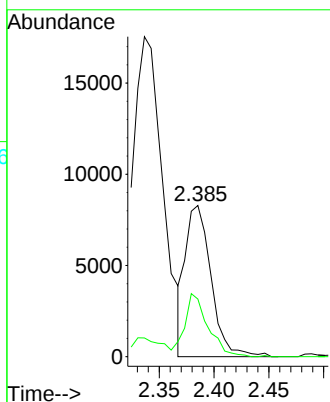
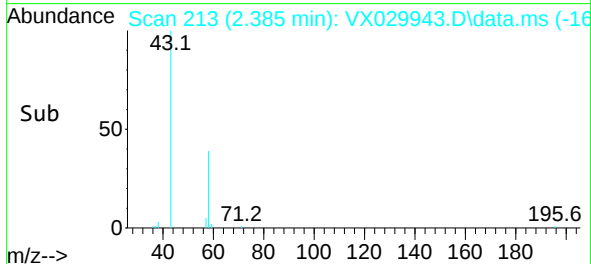
Instrument :
MSVOA_X
ClientSampleId :
INF0722



Tgt Ion: 43 Resp: 1350
Ion Ratio Lower Upper
43 100
58 38.1 27.7 41.5

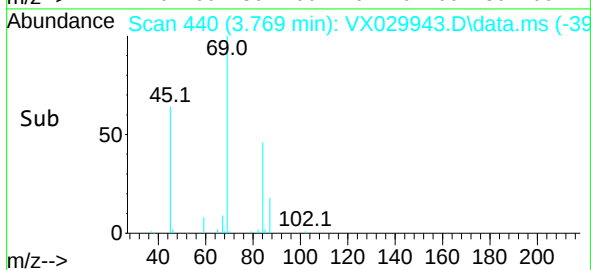
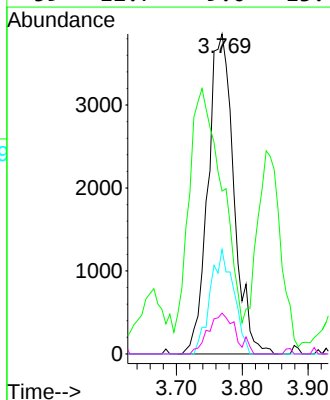
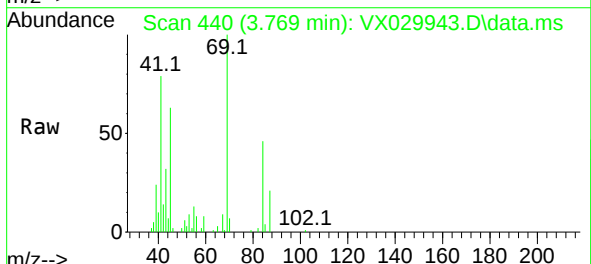
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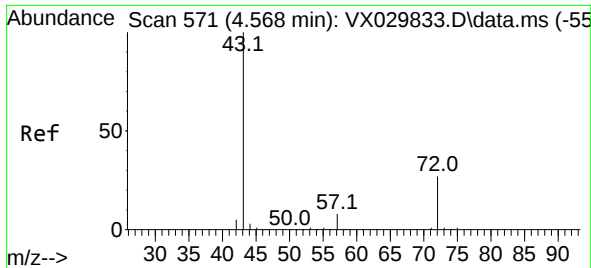
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#22
Diisopropyl ether
Concen: 1.330 ug/l
RT: 3.769 min Scan# 440
Delta R.T. 0.006 min
Lab File: VX029943.D
Acq: 06 Jul 2022 14:54

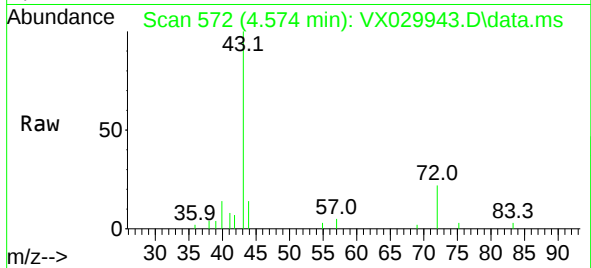
Tgt Ion: 45 Resp: 10540
Ion Ratio Lower Upper
45 100
43 38.3 65.4 98.0#
87 32.6 22.3 33.5
59 12.7 9.0 13.4





#25
2-Butanone
Concen: 4.394 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX029943.D
Acq: 06 Jul 2022 14:54

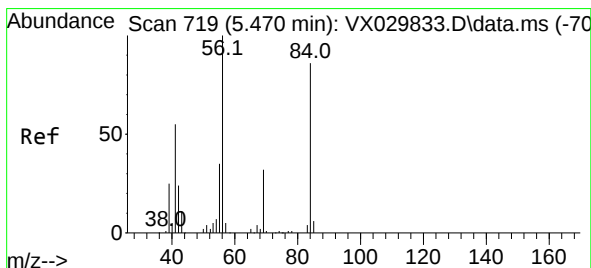
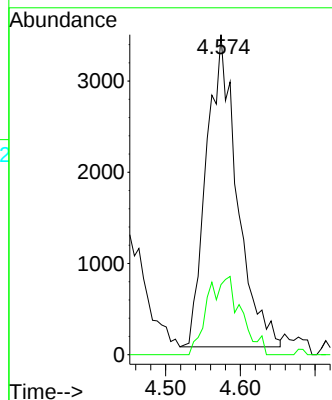
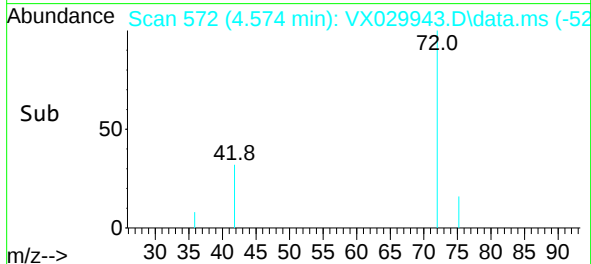
Instrument :
MSVOA_X
ClientSampleId :
INF0722



Tgt Ion: 43 Resp: 974
Ion Ratio Lower Upper
43 100
72 22.5 21.7 32.5

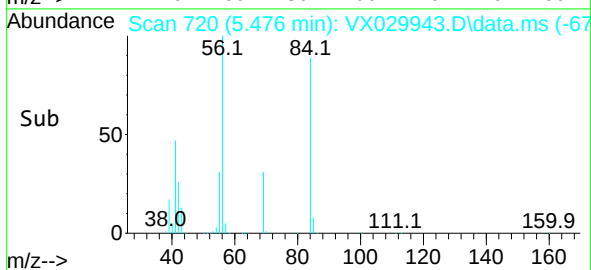
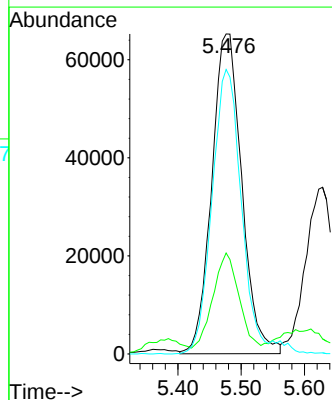
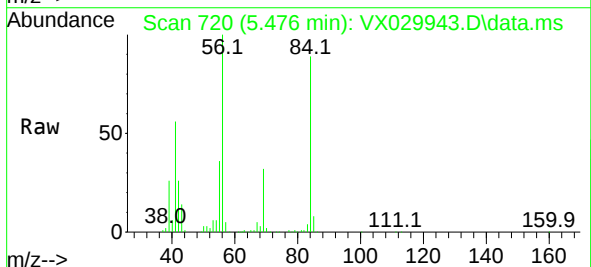
Manual Integrations
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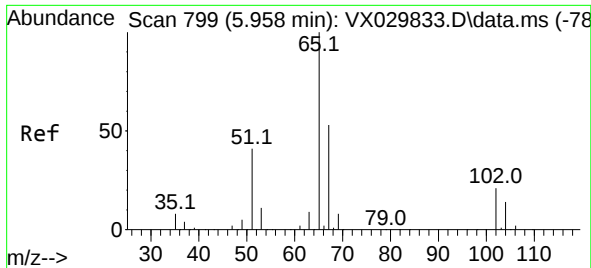
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#31
Cyclohexane
Concen: 59.159 ug/l
RT: 5.476 min Scan# 720
Delta R.T. 0.006 min
Lab File: VX029943.D
Acq: 06 Jul 2022 14:54

Tgt Ion: 56 Resp: 215471
Ion Ratio Lower Upper
56 100
69 28.7 25.4 38.0
84 89.4 68.9 103.3





#33

1,2-Dichloroethane-d4

Concen: 42.003 ug/l

RT: 5.964 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX029943.D

Acq: 06 Jul 2022 14:54

Instrument :

MSVOA_X

ClientSampleId :

INF0722

Tgt Ion: 65 Resp: 10972

Ion Ratio Lower Upper

65 100

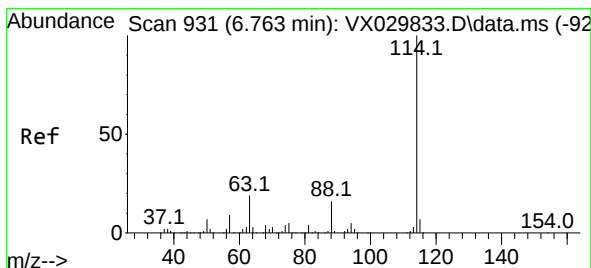
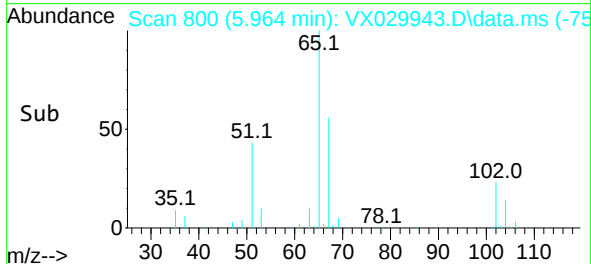
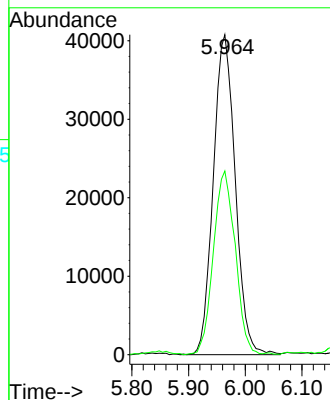
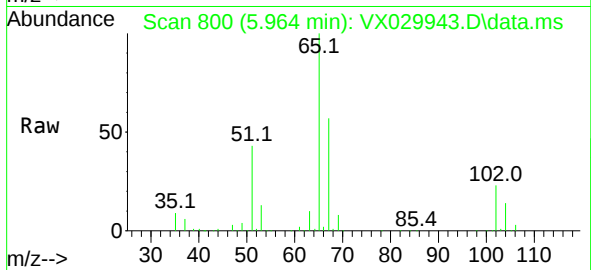
67 57.2 0.0 109.6

Manual Integrations

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Reviewed By :John Carlone 07/07/2022

Supervised By :Mahesh Dadoda 07/07/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.006 min

Lab File: VX029943.D

Acq: 06 Jul 2022 14:54

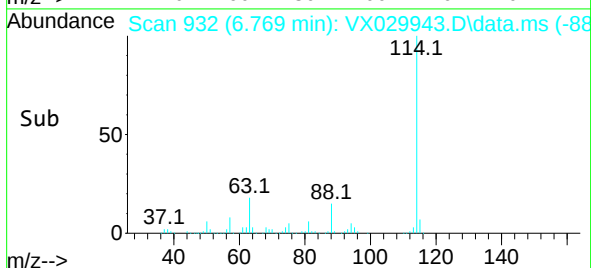
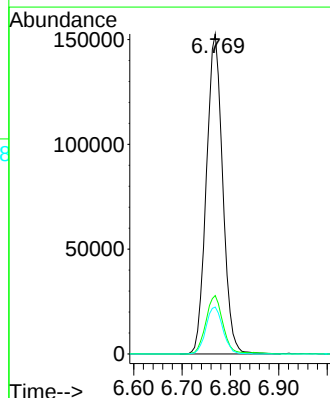
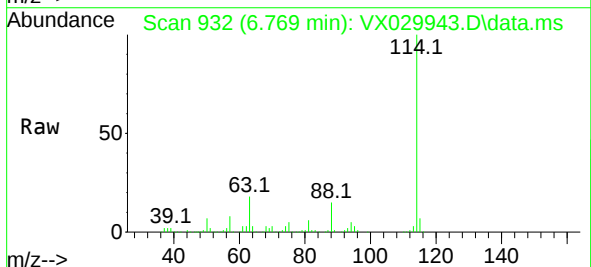
Tgt Ion:114 Resp: 357647

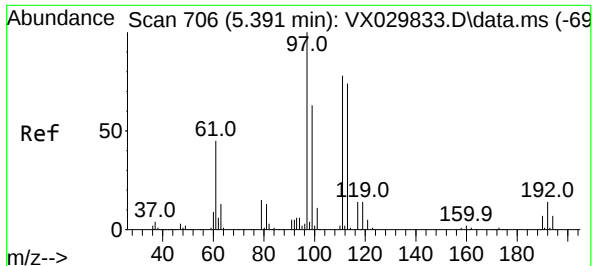
Ion Ratio Lower Upper

114 100

63 18.3 0.0 38.4

88 14.7 0.0 31.8





#35

Dibromofluoromethane

Concen: 44.828 ug/l

RT: 5.397 min Scan# 706

Delta R.T. 0.006 min

Lab File: VX029943.D

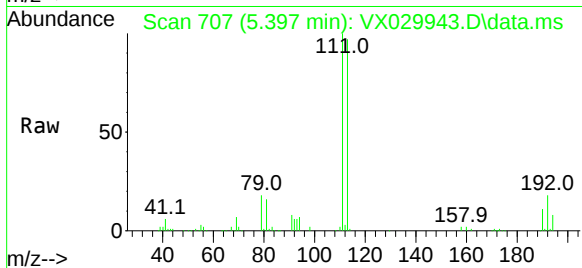
Acq: 06 Jul 2022 14:54

Instrument :

MSVOA_X

ClientSampleId :

INF0722



Tgt Ion:113 Resp: 100190

Ion Ratio Lower Upper

113 100

111 105.2 83.2 124.8

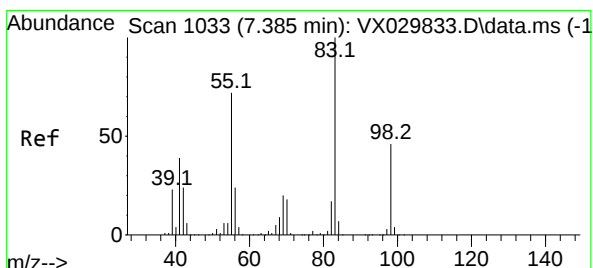
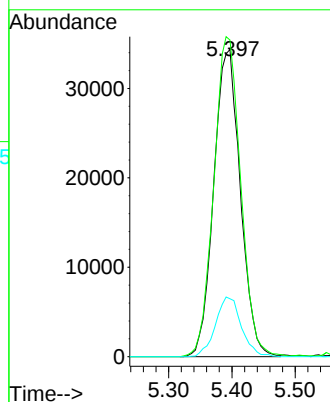
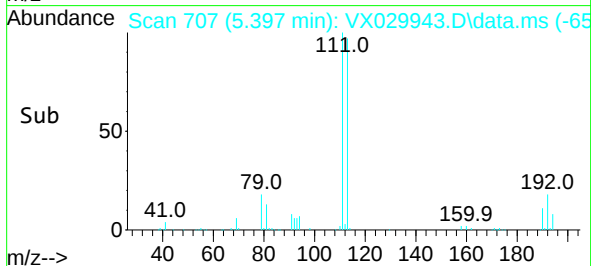
192 18.9 14.8 22.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/07/2022

Supervised By :Mahesh Dadoda 07/07/2022



#39

Methylcyclohexane

Concen: 29.807 ug/l

RT: 7.384 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX029943.D

Acq: 06 Jul 2022 14:54

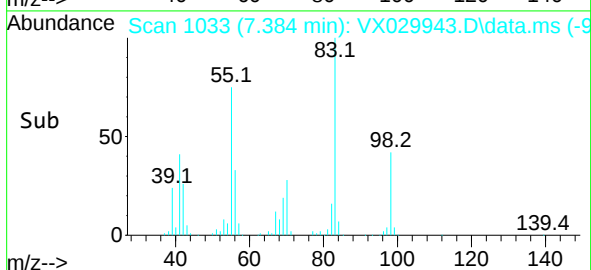
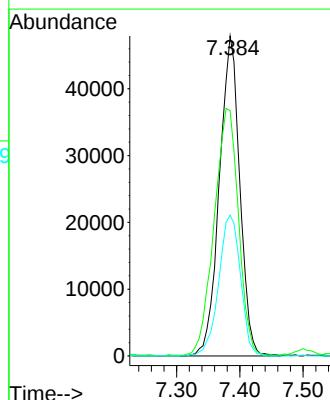
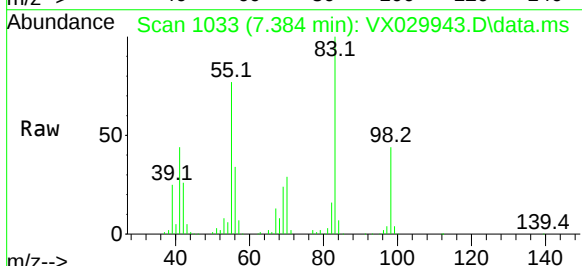
Tgt Ion: 83 Resp: 107136

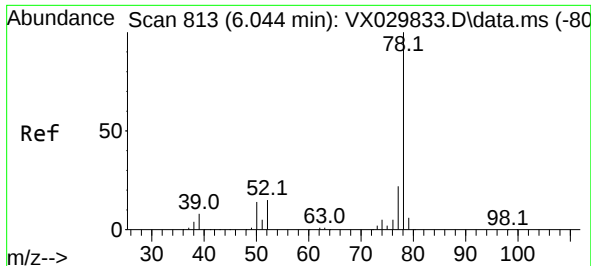
Ion Ratio Lower Upper

83 100

55 76.5 57.7 86.5

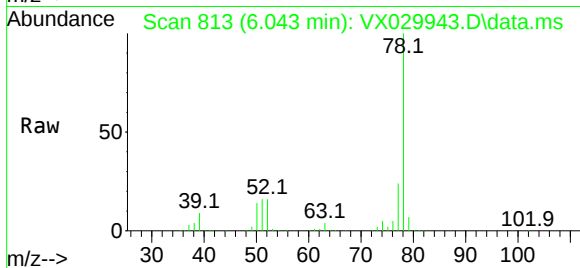
98 44.0 36.5 54.7





#40
Benzene
Concen: 344.206 ug/l
RT: 6.043 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX029943.D
Acq: 06 Jul 2022 14:54

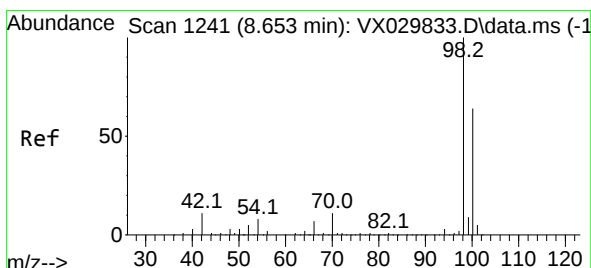
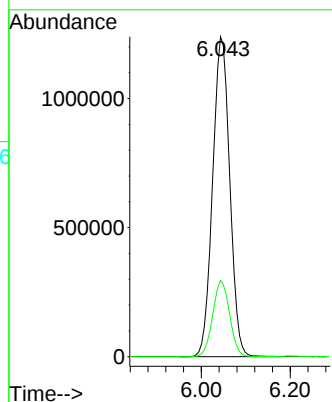
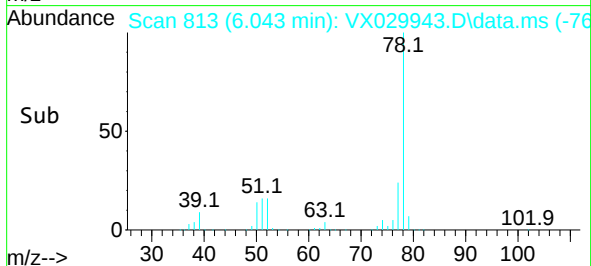
Instrument :
MSVOA_X
ClientSampleId :
INF0722



Tgt Ion: 78 Resp: 330865
Ion Ratio Lower Upper
78 100
77 23.8 18.0 27.0

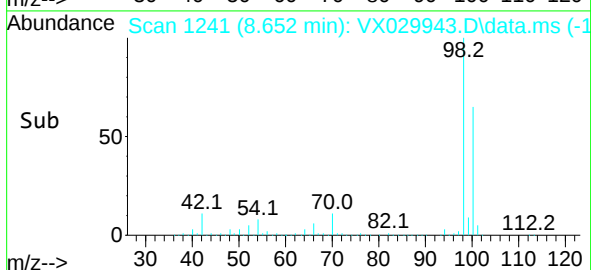
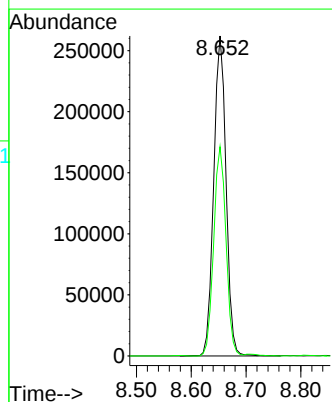
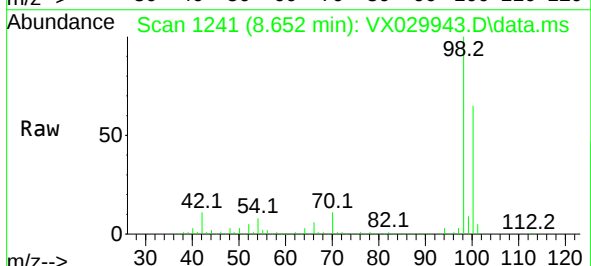
Manual Integrations
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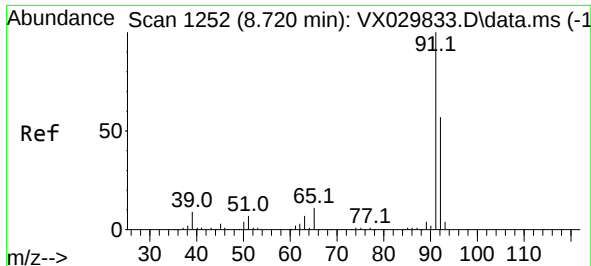
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#50
Toluene-d8
Concen: 48.796 ug/l
RT: 8.652 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029943.D
Acq: 06 Jul 2022 14:54

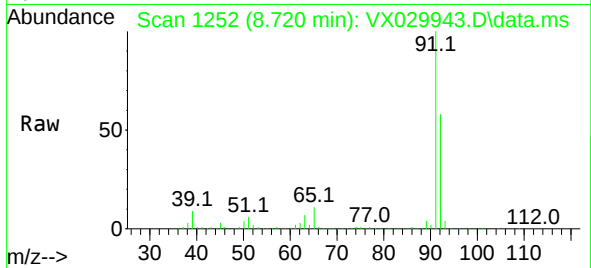
Tgt Ion: 98 Resp: 409154
Ion Ratio Lower Upper
98 100
100 65.2 52.3 78.5





#52
Toluene
Concen: 67.429 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029943.D
Acq: 06 Jul 2022 14:54

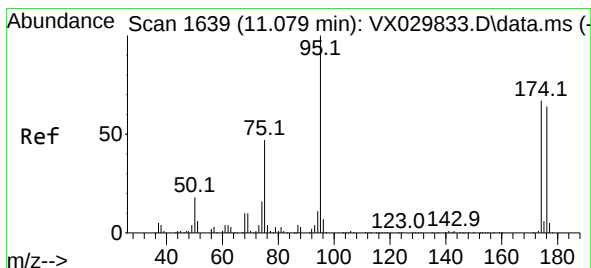
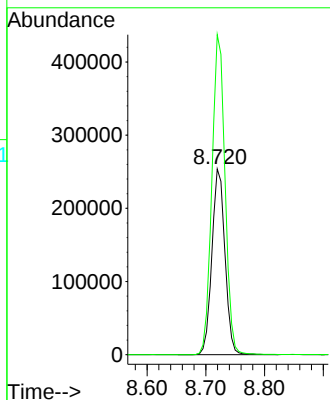
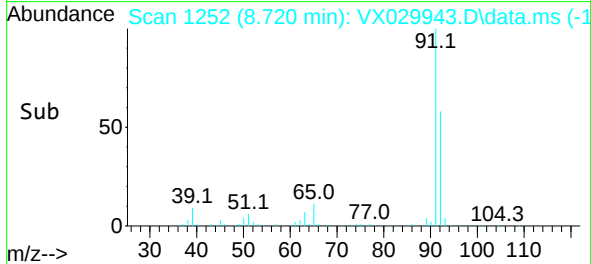
Instrument :
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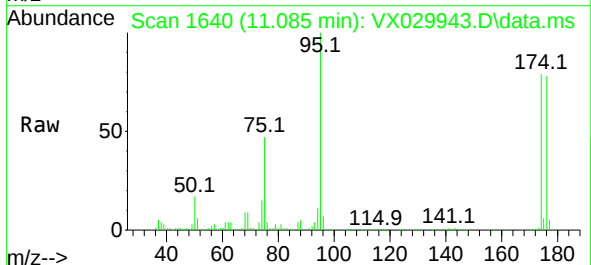
Tgt Ion: 92 Resp: 39111
Ion Ratio Lower Upper
92 100
91 173.6 139.2 208.8

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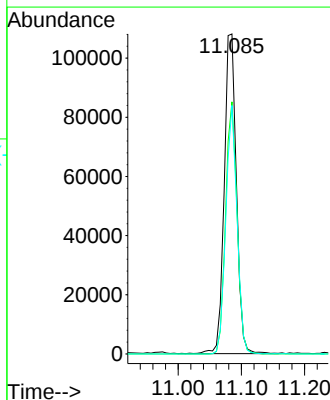
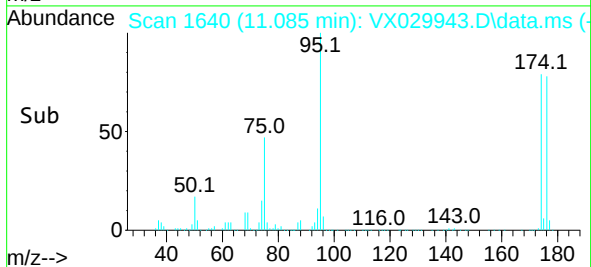
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

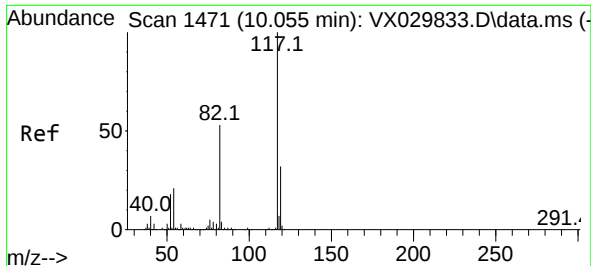


#62
4-Bromofluorobenzene
Concen: 48.384 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX029943.D
Acq: 06 Jul 2022 14:54



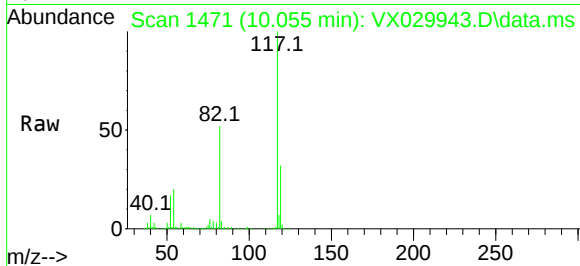
Tgt Ion: 95 Resp: 143408
Ion Ratio Lower Upper
95 100
174 74.2 0.0 149.0
176 71.7 0.0 146.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029943.D
Acq: 06 Jul 2022 14:54

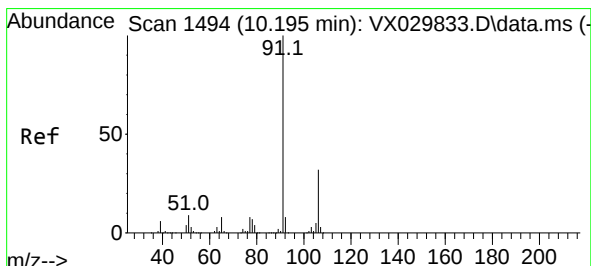
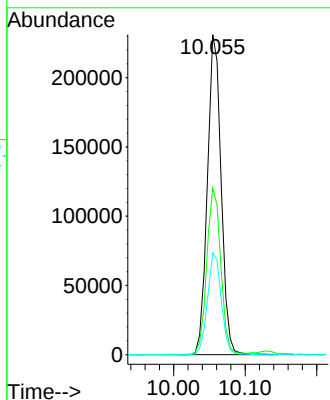
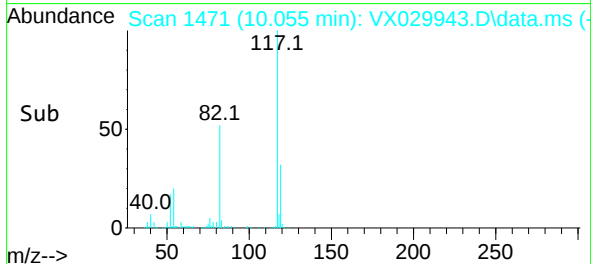
Instrument :
MSVOA_X
ClientSampleId :
INF0722



Tgt Ion:117 Resp: 307770
Ion Ratio Lower Upper
117 100
82 52.0 42.7 64.1
119 31.8 25.4 38.2

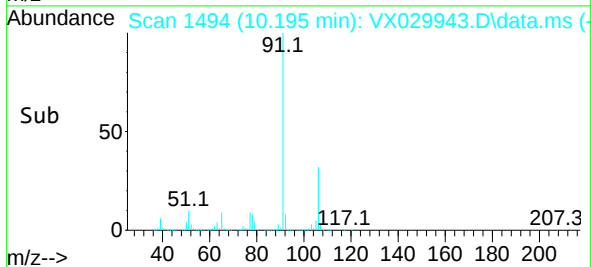
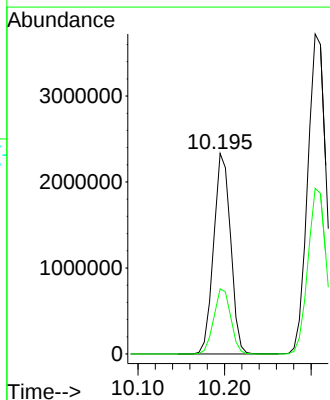
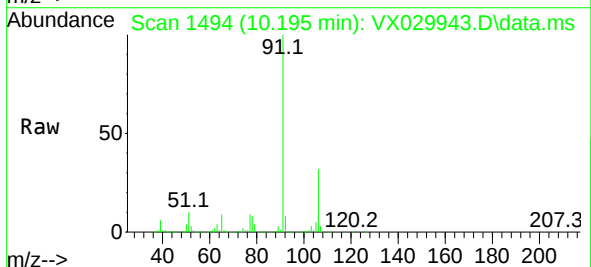
Manual Integrations
APPROVED

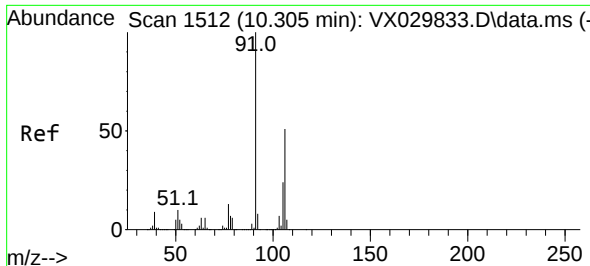
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#67
Ethyl Benzene
Concen: 294.551 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX029943.D
Acq: 06 Jul 2022 14:54

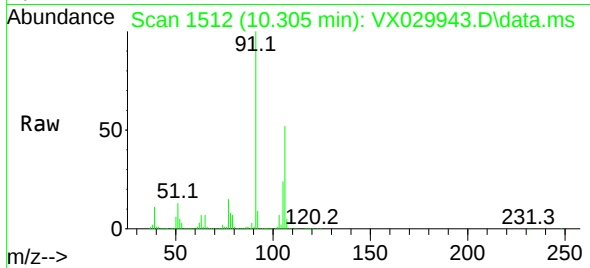
Tgt Ion: 91 Resp: 3165259
Ion Ratio Lower Upper
91 100
106 32.5 25.5 38.3





#68
m/p-Xylenes
Concen: 677.827 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX029943.D
Acq: 06 Jul 2022 14:54

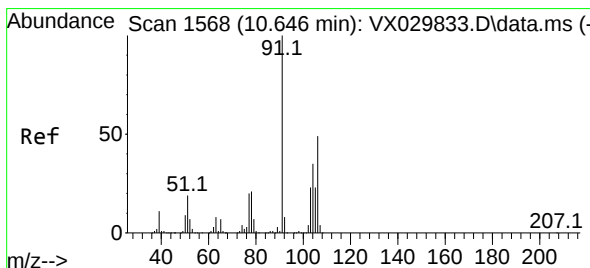
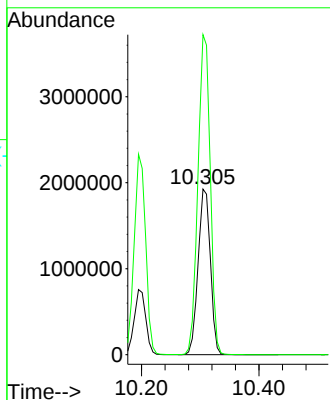
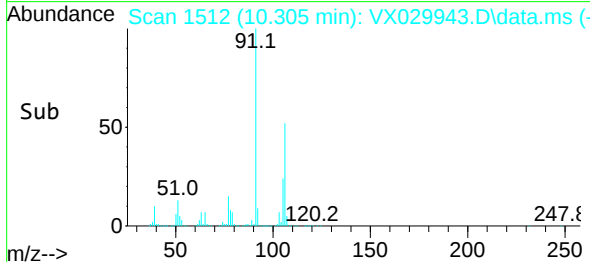
Instrument :
MSVOA_X
ClientSampleId :
INF0722



Tgt Ion:106 Resp: 2793619
Ion Ratio Lower Upper
106 100
91 194.2 158.2 237.4

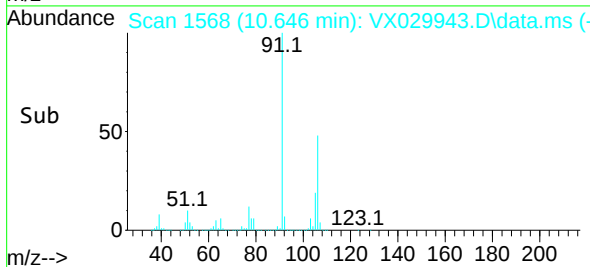
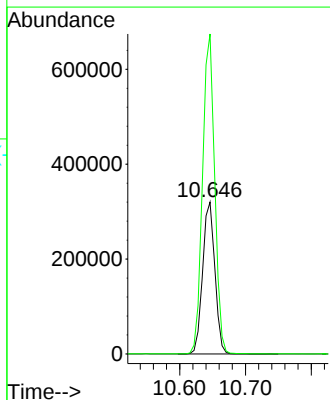
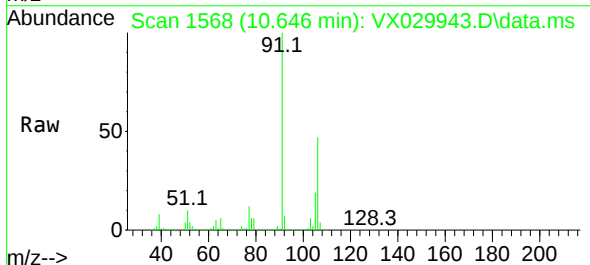
Manual Integrations
APPROVED

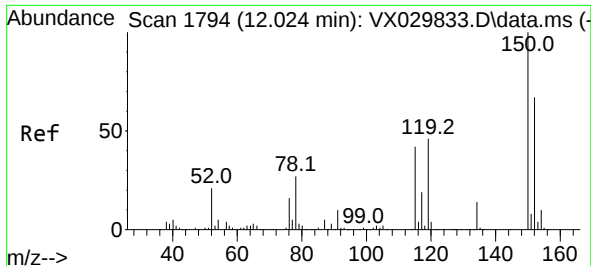
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#69
o-Xylene
Concen: 99.388 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VX029943.D
Acq: 06 Jul 2022 14:54

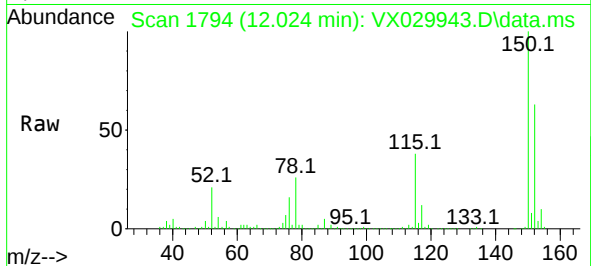
Tgt Ion:106 Resp: 414902
Ion Ratio Lower Upper
106 100
91 209.2 103.8 311.6





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX029943.D
Acq: 06 Jul 2022 14:54

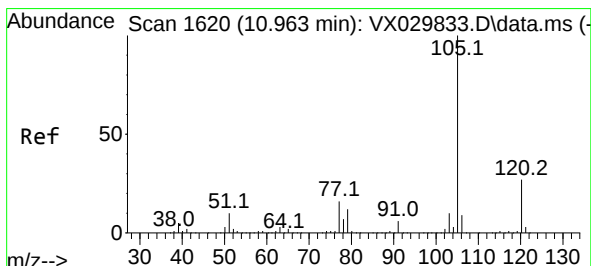
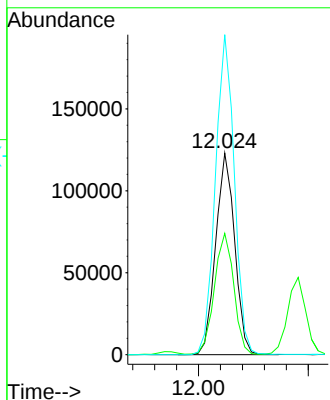
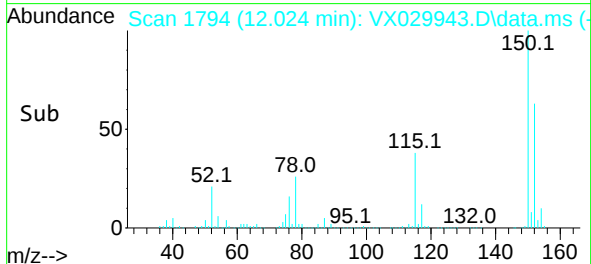
Instrument :
MSVOA_X
ClientSampleId :
INF0722



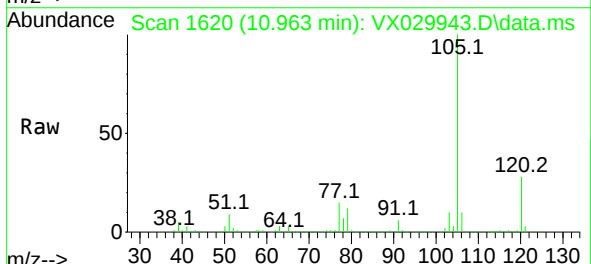
Tgt Ion:152 Resp: 148430
Ion Ratio Lower Upper
152 100
115 60.8 40.5 121.5
150 158.1 0.0 347.0

Manual Integrations
APPROVED

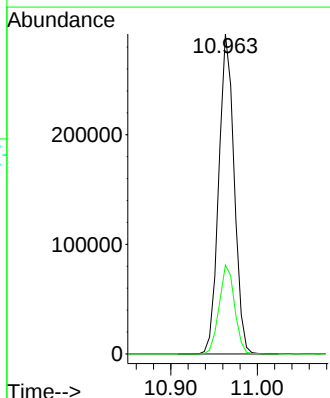
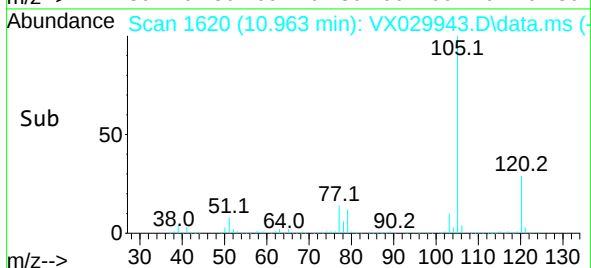
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

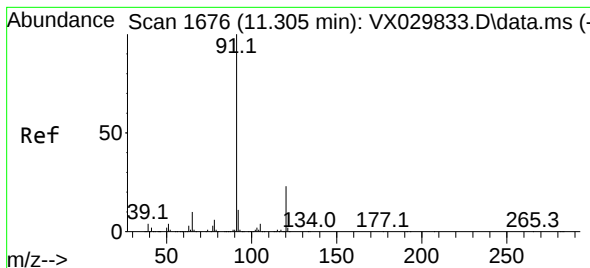


#73
Isopropylbenzene
Concen: 33.544 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX029943.D
Acq: 06 Jul 2022 14:54



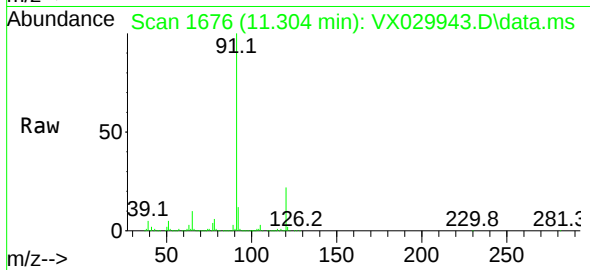
Tgt Ion:105 Resp: 360273
Ion Ratio Lower Upper
105 100
120 27.8 13.5 40.4





#78
n-propylbenzene
Concen: 65.873 ug/l
RT: 11.304 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX029943.D
Acq: 06 Jul 2022 14:54

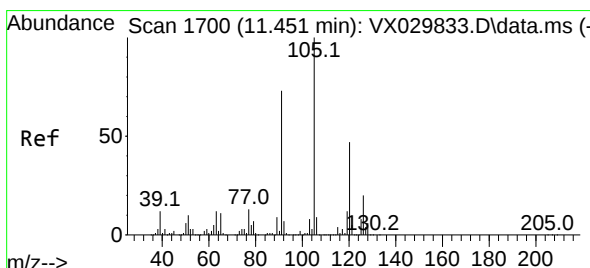
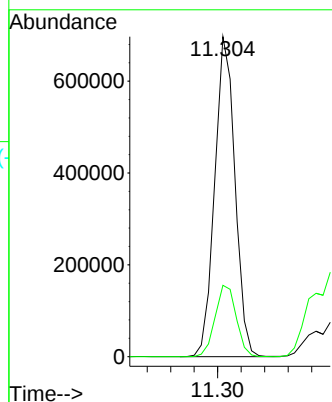
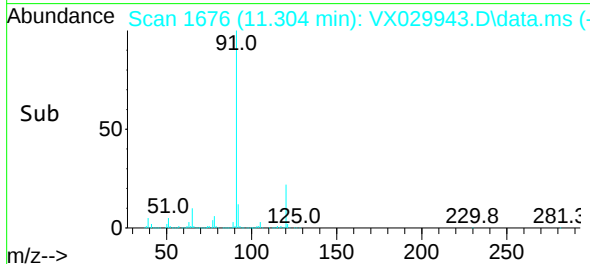
Instrument :
MSVOA_X
ClientSampleId :
INF0722



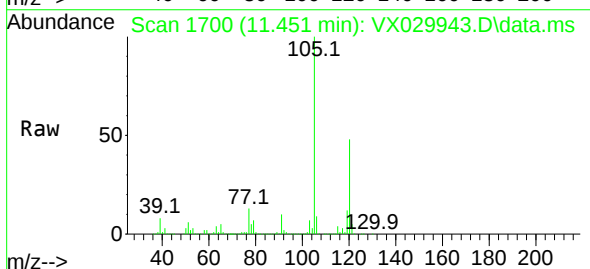
Tgt Ion: 91 Resp: 834424
Ion Ratio Lower Upper
91 100
120 23.3 11.6 34.8

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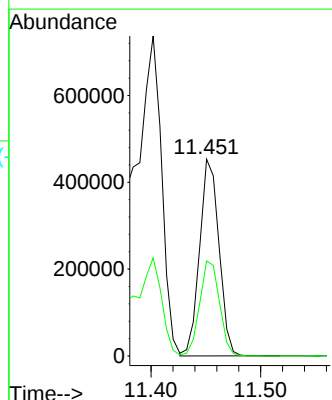
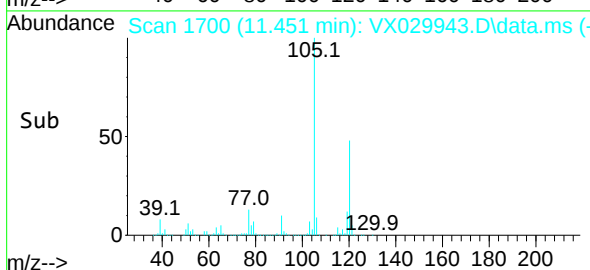
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

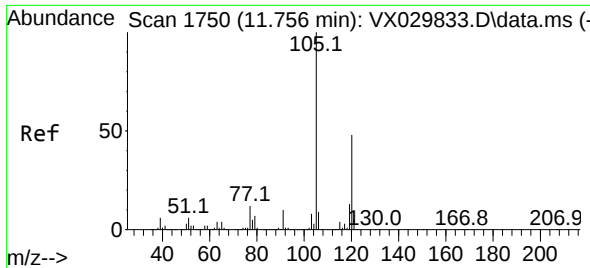


#80
1,3,5-Trimethylbenzene
Concen: 62.424 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX029943.D
Acq: 06 Jul 2022 14:54



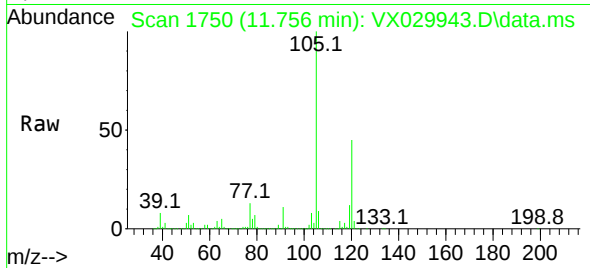
Tgt Ion:105 Resp: 556586
Ion Ratio Lower Upper
105 100
120 49.5 24.4 73.2





#84
1,2,4-Trimethylbenzene
Concen: 304.747 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX029943.D
Acq: 06 Jul 2022 14:54

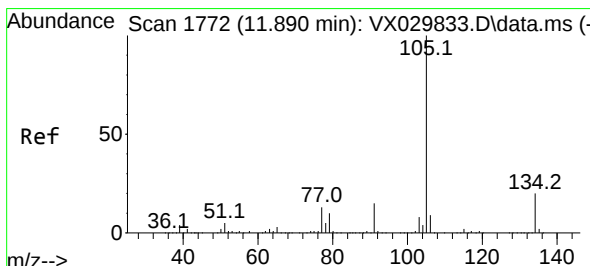
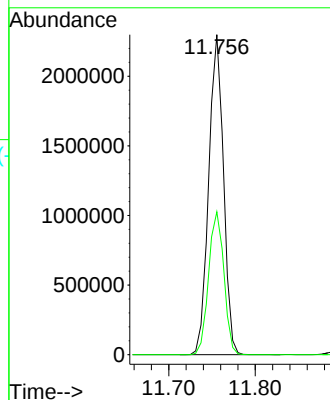
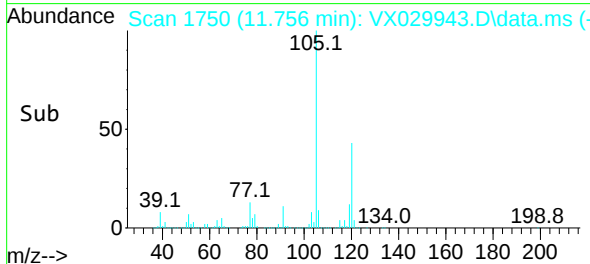
Instrument :
MSVOA_X
ClientSampleId :
INF0722



Tgt Ion:105 Resp: 272191
Ion Ratio Lower Upper
105 100
120 46.1 22.9 68.8

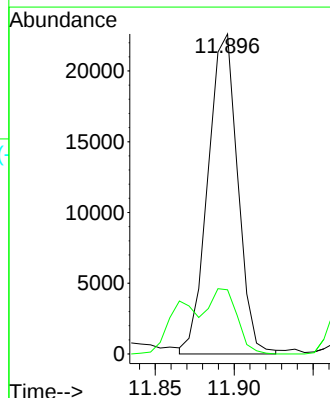
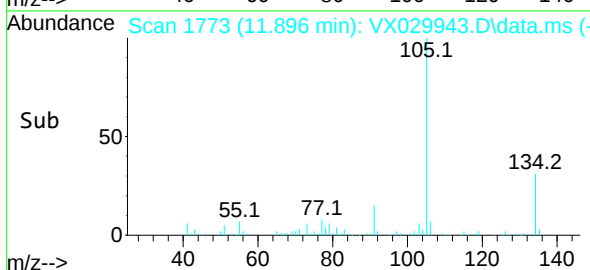
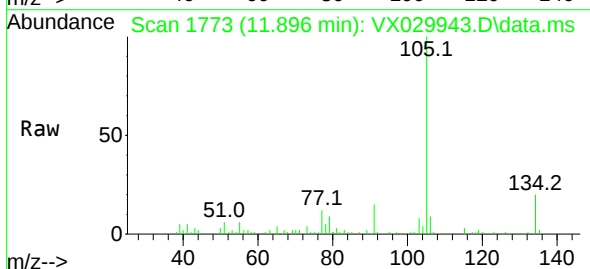
Manual Integrations
APPROVED

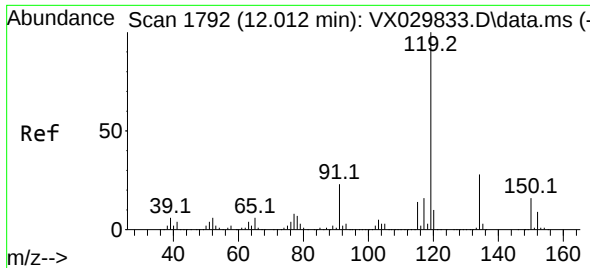
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#85
sec-Butylbenzene
Concen: 2.672 ug/l m
RT: 11.896 min Scan# 1773
Delta R.T. 0.006 min
Lab File: VX029943.D
Acq: 06 Jul 2022 14:54

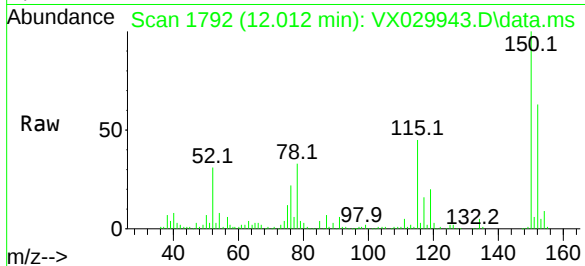
Tgt Ion:105 Resp: 29758
Ion Ratio Lower Upper
105 100
134 0.0 10.0 30.0#





#86
p-Isopropyltoluene
Concen: 1.474 ug/l
RT: 12.012 min Scan# 119
Delta R.T. -0.000 min
Lab File: VX029943.D
Acq: 06 Jul 2022 14:54

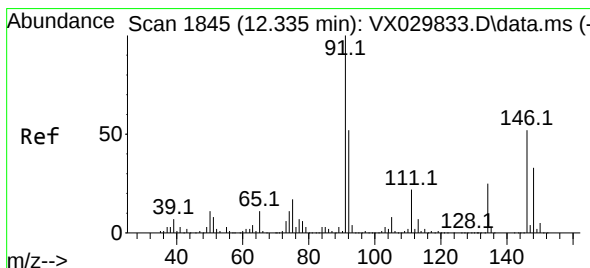
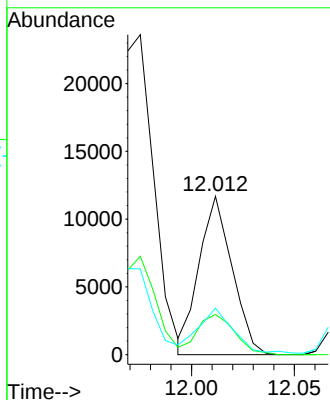
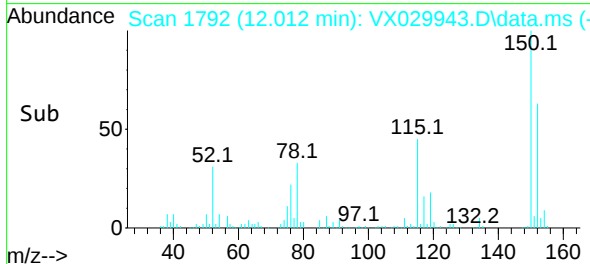
Instrument :
MSVOA_X
ClientSampleId :
INF0722



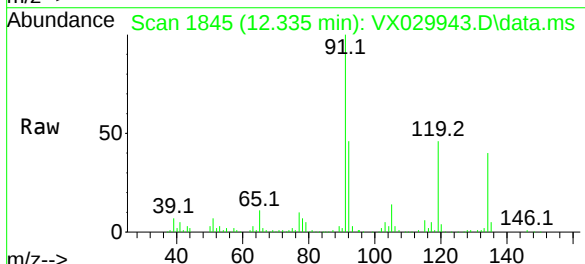
Tgt Ion:119 Resp: 1310
Ion Ratio Lower Upper
119 100
134 28.7 13.9 41.6
91 0.0 11.8 35.3

Manual Integrations
APPROVED

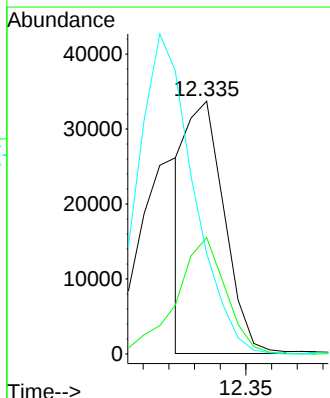
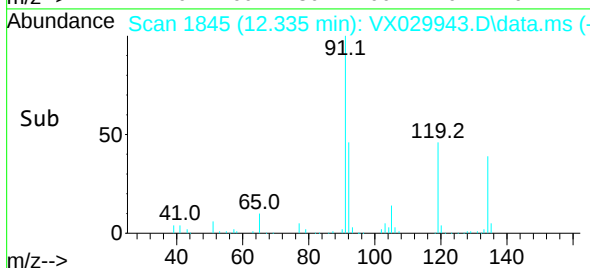
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

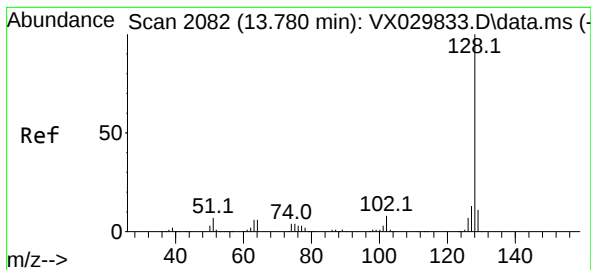


#89
n-Butylbenzene
Concen: 4.149 ug/l m
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX029943.D
Acq: 06 Jul 2022 14:54



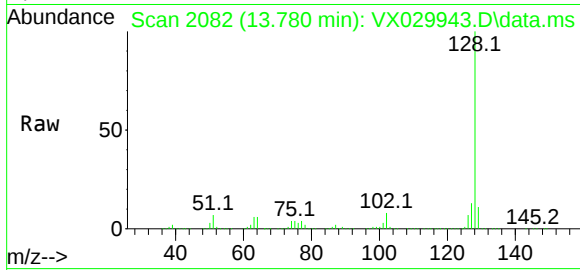
Tgt Ion: 91 Resp: 34664
Ion Ratio Lower Upper
91 100
92 61.0 26.2 78.5
134 185.9 12.6 37.8





#95
Naphthalene
Concen: 105.447 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX029943.D
Acq: 06 Jul 2022 14:54

Instrument :
MSVOA_X
ClientSampleId :
INF0722



Tgt Ion:128 Resp: 126414
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 11.1 8.6 13.0

Manual Integrations
APPROVED

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

