

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070622\
 Data File : VX029945.D
 Acq On : 06 Jul 2022 15:50
 Operator : JC/MD
 Sample : N3599-01DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 INF0722DL

Manual Integrations
 APPROVED

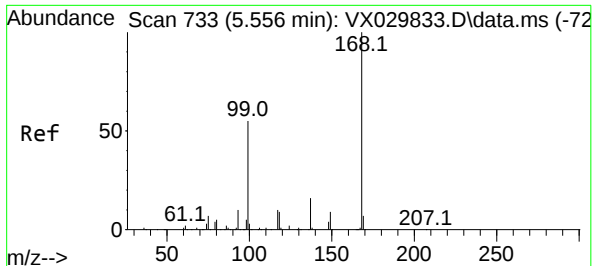
Reviewed By :John Carlone 07/07/2022
 Supervised By :Mahesh Dadoda 07/07/2022

Quant Time: Jul 07 02:37:41 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

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

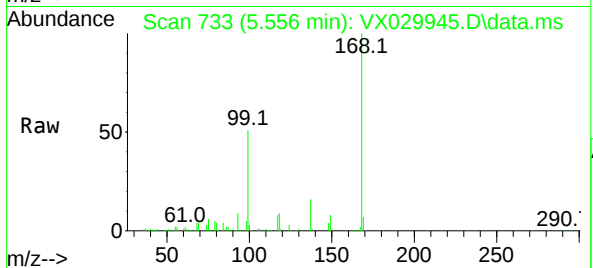
Internal Standards						
1) Pentafluorobenzene	5.556	168	204889	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	348410	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	294318	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	125171	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	108830	41.962	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	83.920%		
35) Dibromofluoromethane	5.385	113	100272	46.052	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.100%		
50) Toluene-d8	8.653	98	391427	47.920	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.840%		
62) 4-Bromofluorobenzene	11.079	95	126952	43.968	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	87.940%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.940	59	6755	9.959	ug/l #	74
16) Acetone	2.386	43	2451m	1.932	ug/l	
31) Cyclohexane	5.470	56	22394	6.193	ug/l #	86
39) Methylcyclohexane	7.379	83	10660	3.044	ug/l #	85
40) Benzene	6.043	78	363557	38.824	ug/l	99
52) Toluene	8.720	92	41346	7.317	ug/l	99
67) Ethyl Benzene	10.195	91	346458	33.715	ug/l	100
68) m/p-Xylenes	10.305	106	331080	84.005	ug/l	99
69) o-Xylene	10.640	106	43172	10.815	ug/l	98
73) Isopropylbenzene	10.963	105	36456	4.025	ug/l	97
78) n-propylbenzene	11.305	91	81099	7.592	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	55307	7.356	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	278463	36.970	ug/l	99
85) sec-Butylbenzene	11.890	105	2987m	0.318	ug/l	
89) n-Butylbenzene	12.335	91	2009m	0.285	ug/l	
95) Naphthalene	13.780	128	111820	11.060	ug/l	100

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029945.D
Acq: 06 Jul 2022 15:50

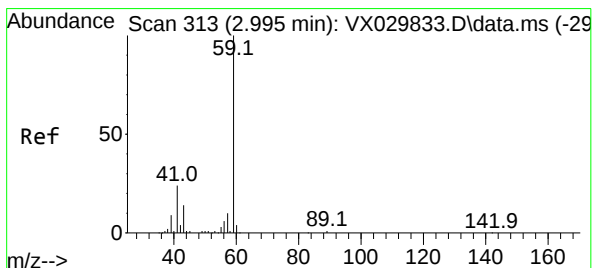
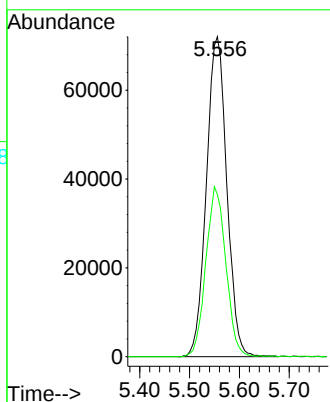
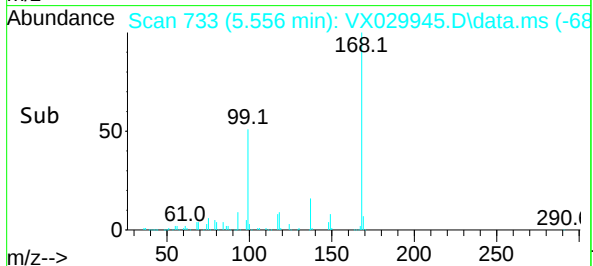
Instrument :
MSVOA_X
ClientSampleId :
INF0722DL



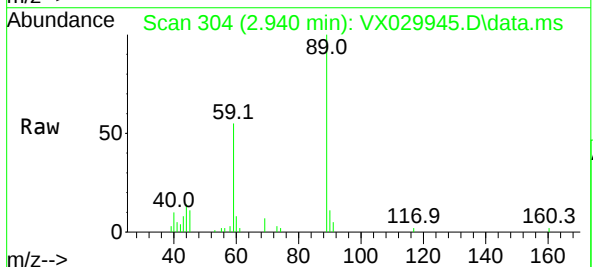
Tgt Ion:168 Resp: 204889
Ion Ratio Lower Upper
168 100
99 50.7 44.0 66.0

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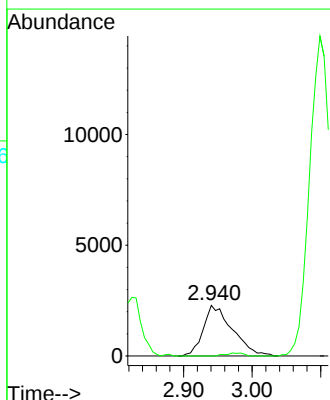
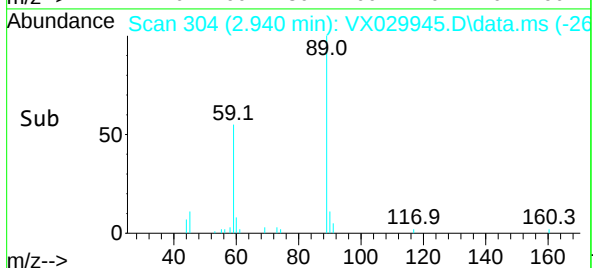
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

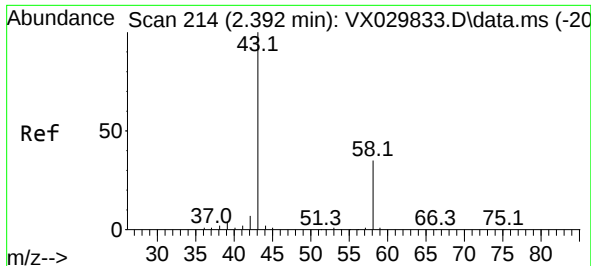


#11
Tert butyl alcohol
Concen: 9.959 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.055 min
Lab File: VX029945.D
Acq: 06 Jul 2022 15:50



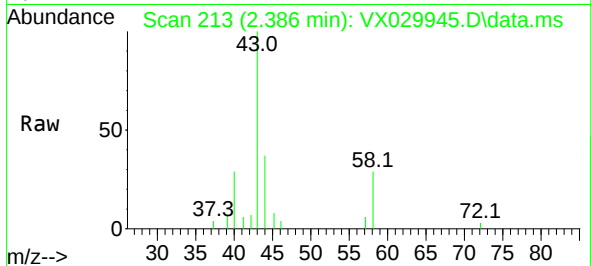
Tgt Ion: 59 Resp: 6755
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#





#16
Acetone
Concen: 1.932 ug/l m
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX029945.D
Acq: 06 Jul 2022 15:50

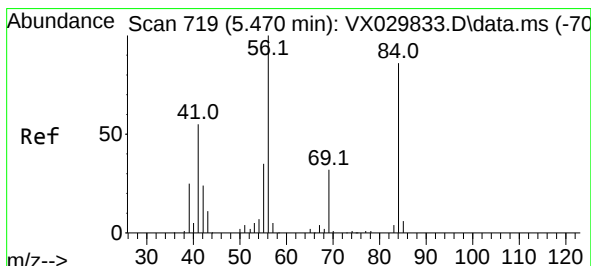
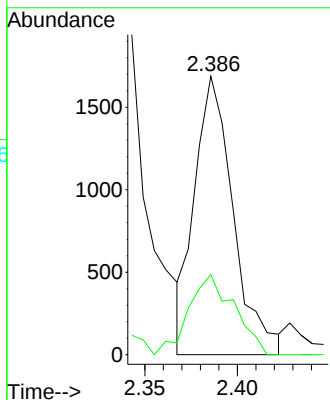
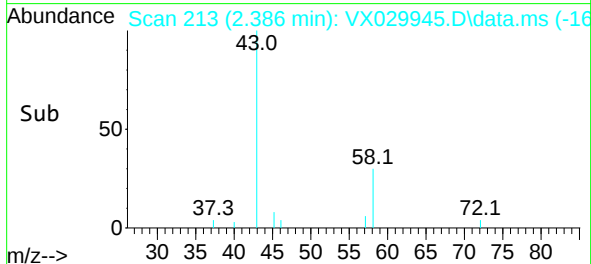
Instrument :
MSVOA_X
ClientSampleId :
INF0722DL



Tgt Ion: 43 Resp: 245
Ion Ratio Lower Upper
43 100
58 28.7 27.7 41.5

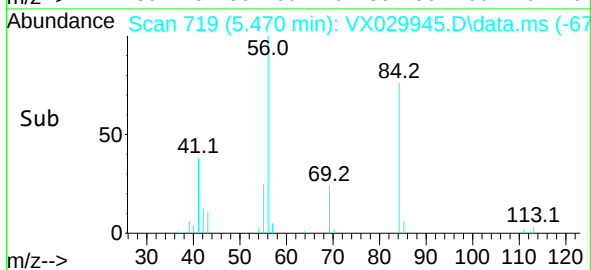
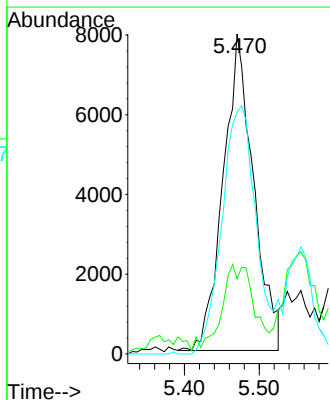
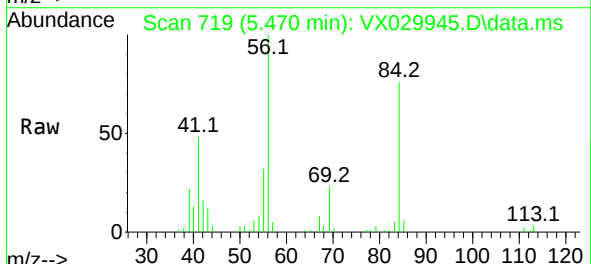
Manual Integrations
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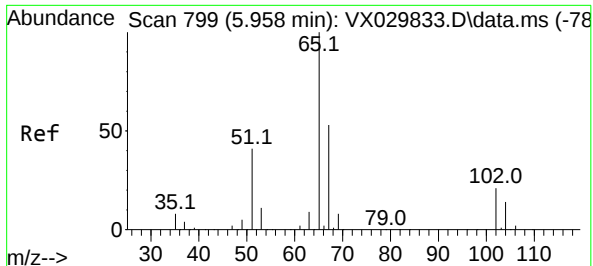
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#31
Cyclohexane
Concen: 6.193 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX029945.D
Acq: 06 Jul 2022 15:50

Tgt Ion: 56 Resp: 22394
Ion Ratio Lower Upper
56 100
69 18.4 25.4 38.0#
84 76.4 68.9 103.3





#33

1,2-Dichloroethane-d4

Concen: 41.962 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX029945.D

Acq: 06 Jul 2022 15:50

Instrument :

MSVOA_X

ClientSampleId :

INF0722DL

Tgt Ion: 65 Resp: 108830

Ion Ratio Lower Upper

65 100

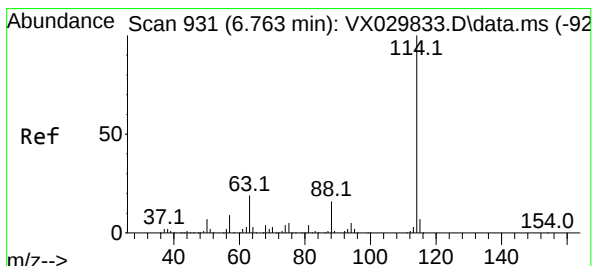
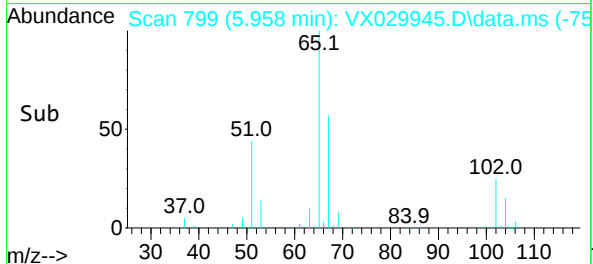
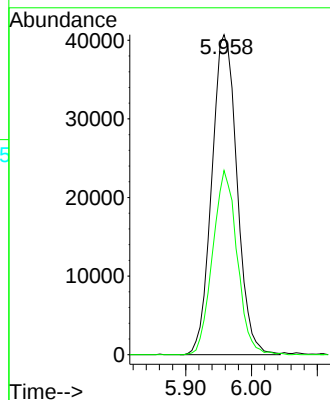
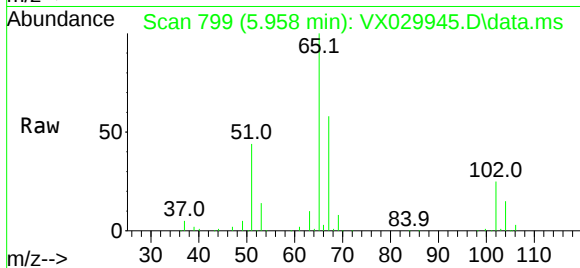
67 55.9 0.0 109.6

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: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX029945.D

Acq: 06 Jul 2022 15:50

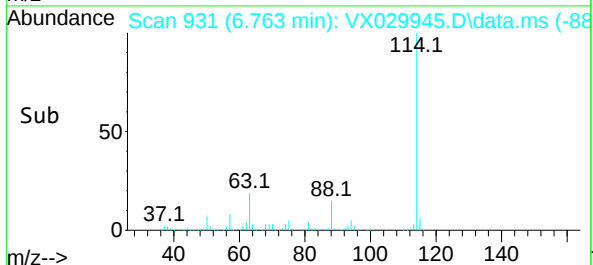
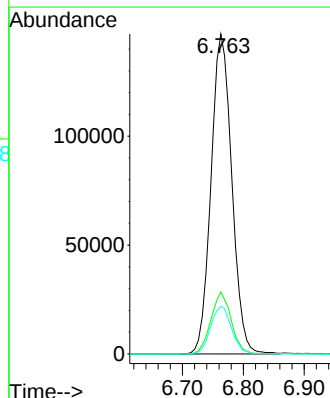
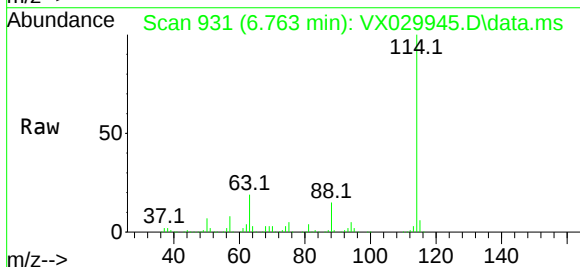
Tgt Ion:114 Resp: 348410

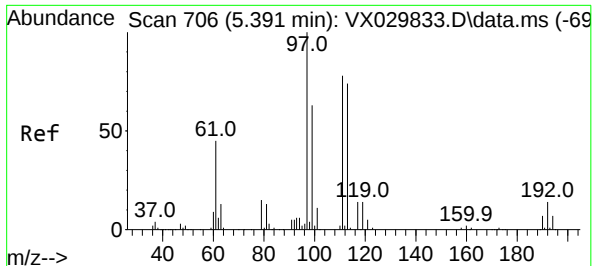
Ion Ratio Lower Upper

114 100

63 19.4 0.0 38.4

88 14.9 0.0 31.8





#35

Dibromofluoromethane

Concen: 46.052 ug/l

RT: 5.385 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX029945.D

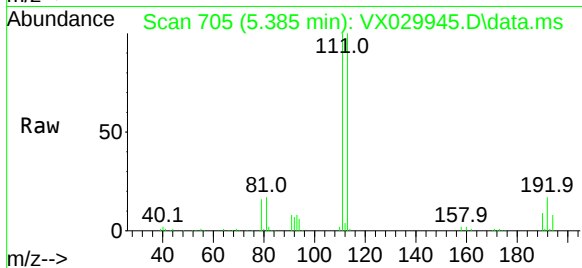
Acq: 06 Jul 2022 15:50

Instrument :

MSVOA_X

ClientSampleId :

INF0722DL



Tgt Ion: 113 Resp: 100272

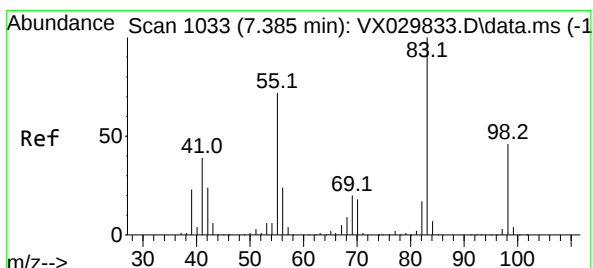
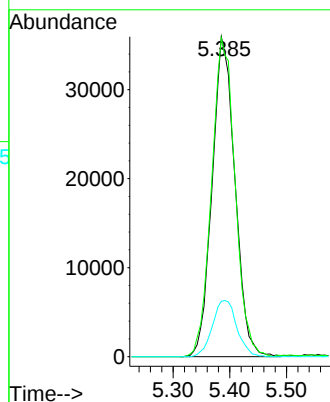
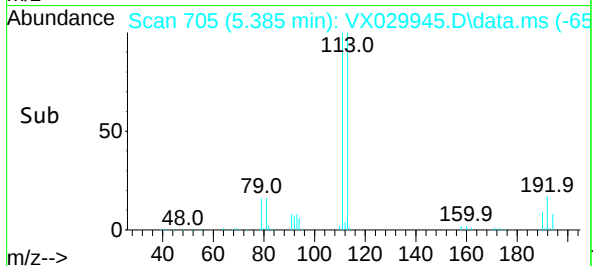
Ion	Ratio	Lower	Upper
113	100		
111	102.5	83.2	124.8
192	18.8	14.8	22.2

Manual Integrations

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Reviewed By :John Carlone 07/07/2022

Supervised By :Mahesh Dadoda 07/07/2022



#39

Methylcyclohexane

Concen: 3.044 ug/l

RT: 7.379 min Scan# 1032

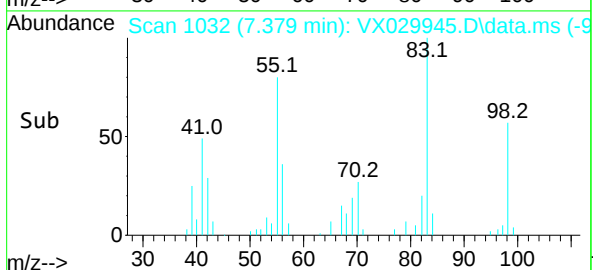
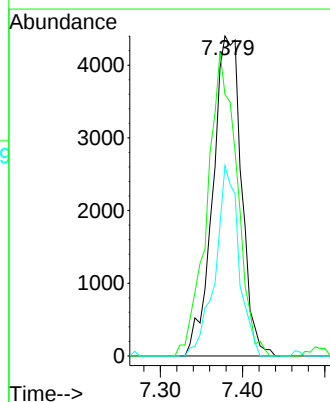
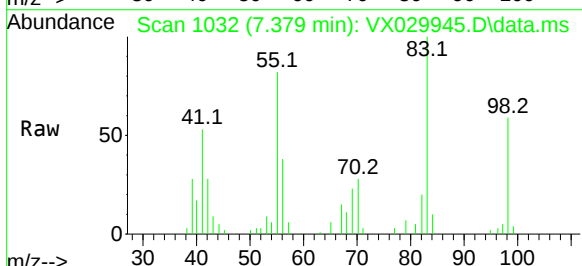
Delta R.T. -0.006 min

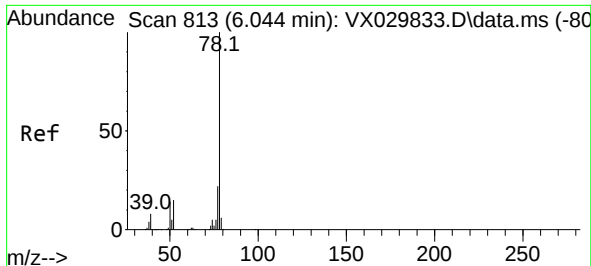
Lab File: VX029945.D

Acq: 06 Jul 2022 15:50

Tgt Ion: 83 Resp: 10660

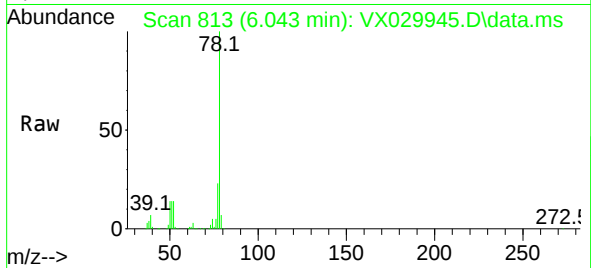
Ion	Ratio	Lower	Upper
83	100		
55	81.7	57.7	86.5
98	59.5	36.5	54.7





#40
Benzene
Concen: 38.824 ug/l
RT: 6.043 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX029945.D
Acq: 06 Jul 2022 15:50

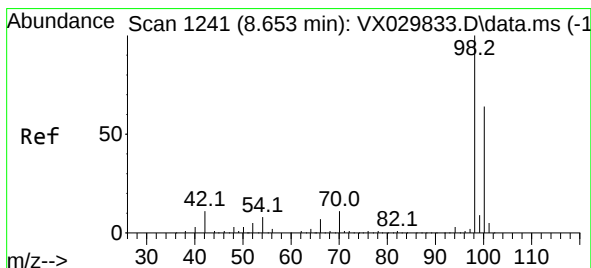
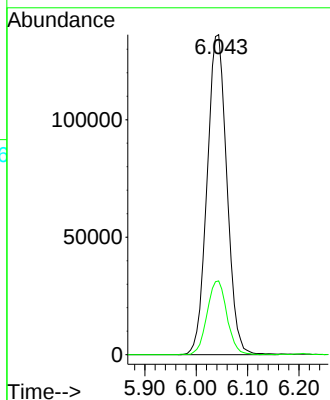
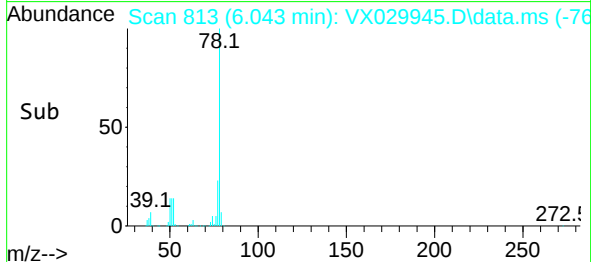
Instrument :
MSVOA_X
ClientSampleId :
INF0722DL



Tgt Ion: 78 Resp: 36355
Ion Ratio Lower Upper
78 100
77 23.1 18.0 27.0

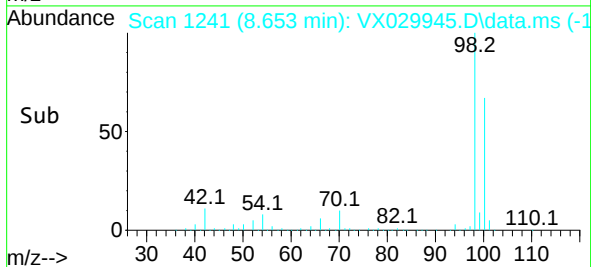
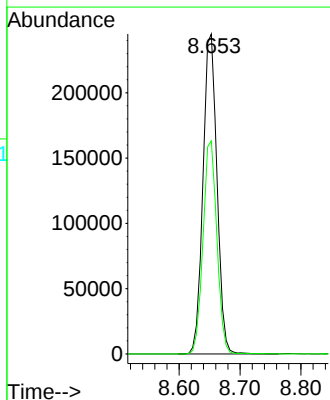
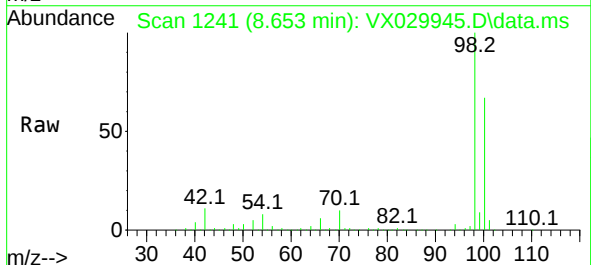
Manual Integrations
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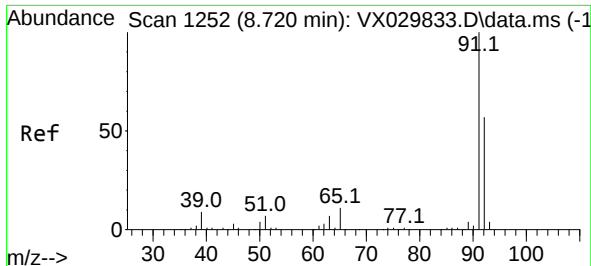
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#50
Toluene-d8
Concen: 47.920 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029945.D
Acq: 06 Jul 2022 15:50

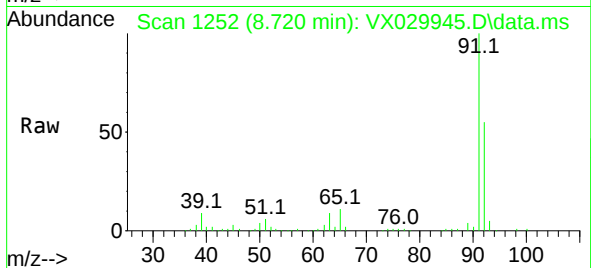
Tgt Ion: 98 Resp: 391427
Ion Ratio Lower Upper
98 100
100 66.0 52.3 78.5





#52
Toluene
Concen: 7.317 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX029945.D
Acq: 06 Jul 2022 15:50

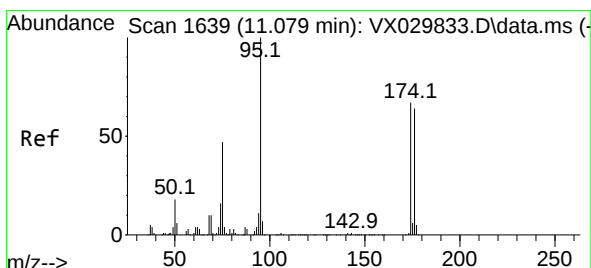
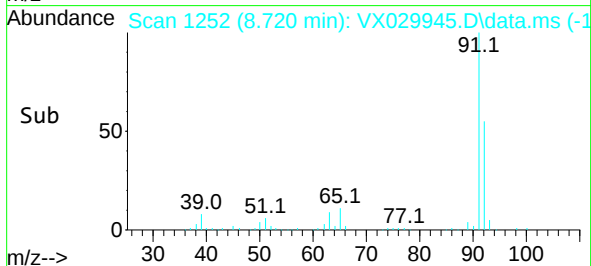
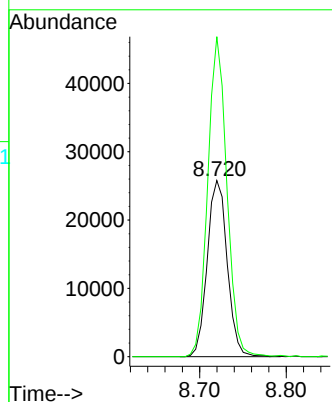
Instrument :
MSVOA_X
ClientSampleId :
INF0722DL



Tgt Ion: 92 Resp: 41340
Ion Ratio Lower Upper
92 100
91 173.3 139.2 208.8

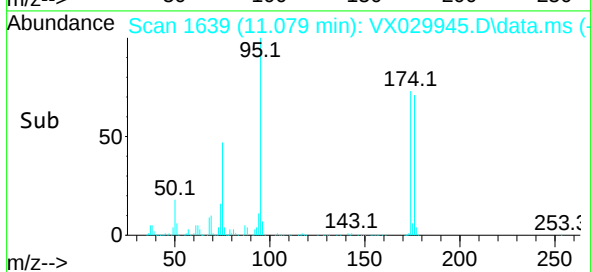
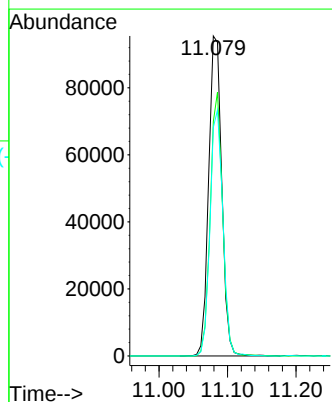
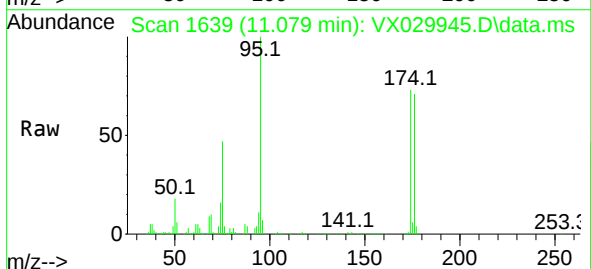
Manual Integrations
APPROVED

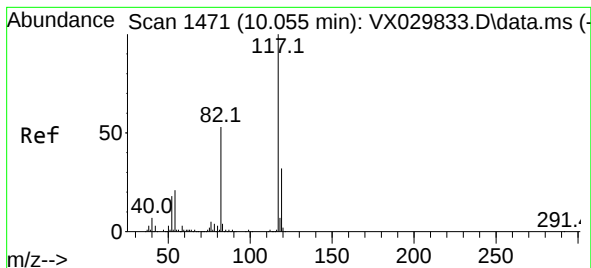
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#62
4-Bromofluorobenzene
Concen: 43.968 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX029945.D
Acq: 06 Jul 2022 15:50

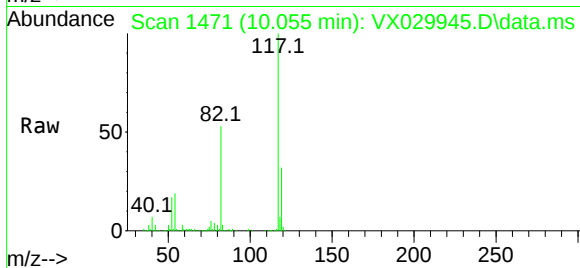
Tgt Ion: 95 Resp: 126952
Ion Ratio Lower Upper
95 100
174 77.9 0.0 149.0
176 75.6 0.0 146.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029945.D
Acq: 06 Jul 2022 15:50

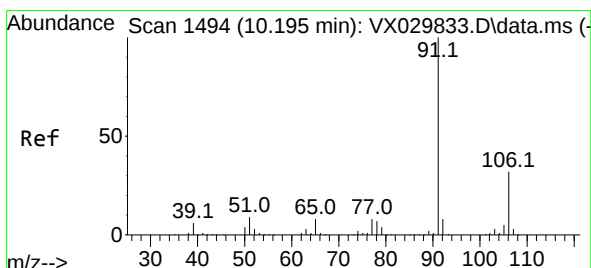
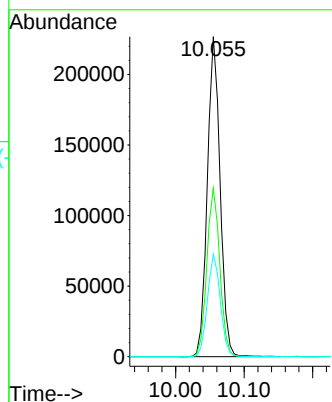
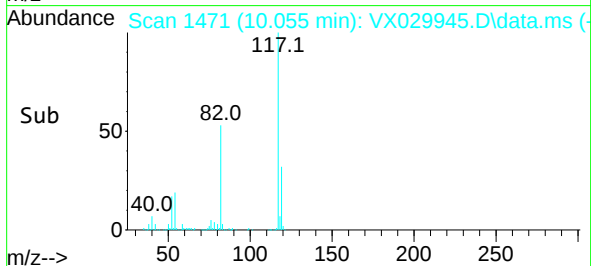
Instrument :
MSVOA_X
ClientSampleId :
INF0722DL



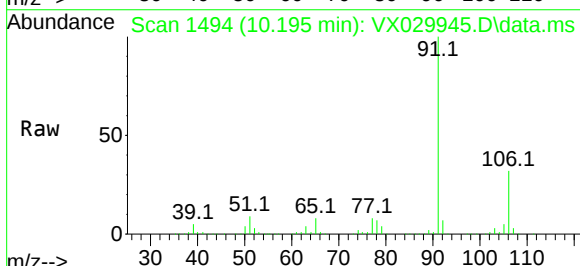
Tgt Ion:117 Resp: 294318
Ion Ratio Lower Upper
117 100
82 52.7 42.7 64.1
119 32.1 25.4 38.2

Manual Integrations
APPROVED

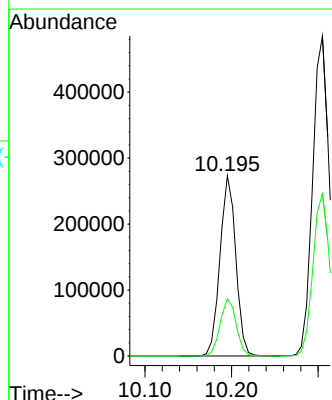
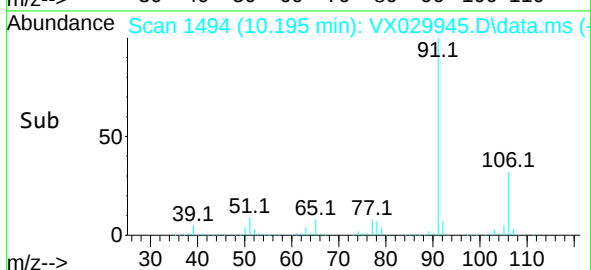
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

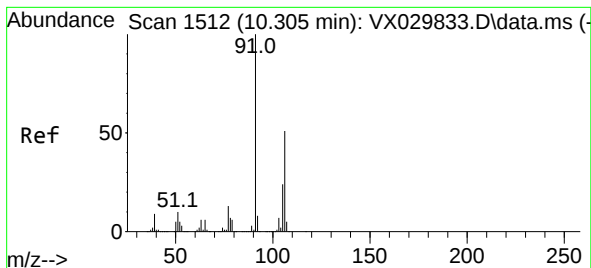


#67
Ethyl Benzene
Concen: 33.715 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX029945.D
Acq: 06 Jul 2022 15:50



Tgt Ion: 91 Resp: 346458
Ion Ratio Lower Upper
91 100
106 31.7 25.5 38.3





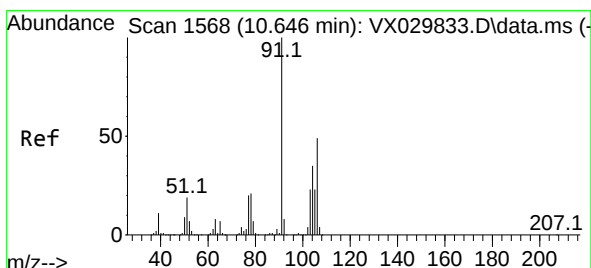
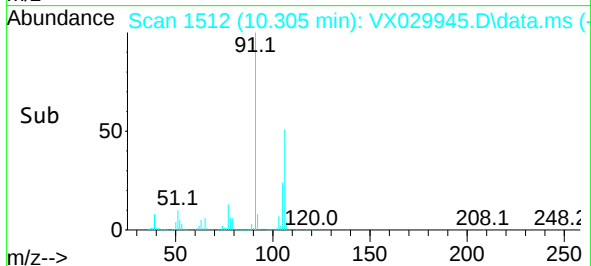
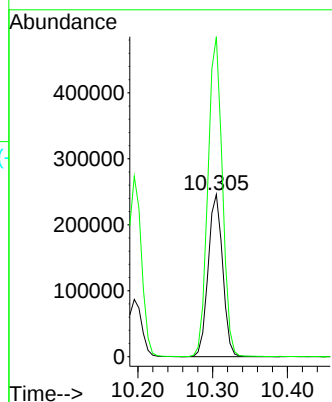
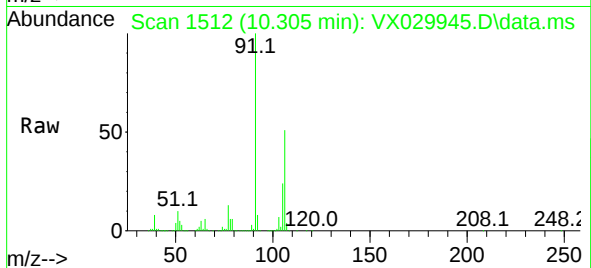
#68
m/p-Xylenes
Concen: 84.005 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX029945.D
Acq: 06 Jul 2022 15:50

Instrument :
MSVOA_X
ClientSampleId :
INF0722DL

Tgt Ion:106 Resp: 331080
Ion Ratio Lower Upper
106 100
91 196.6 158.2 237.4

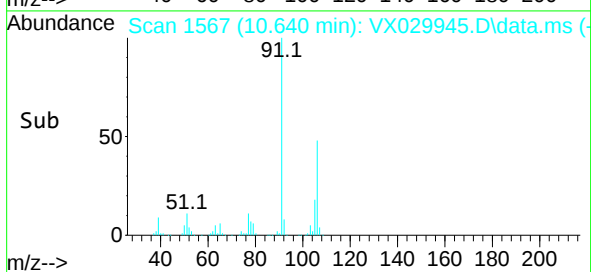
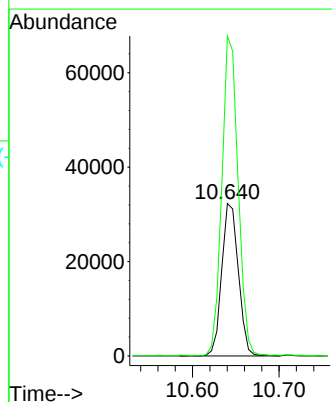
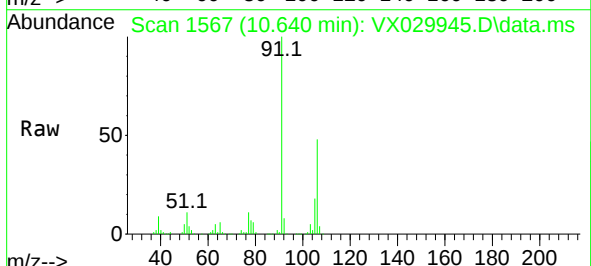
Manual Integrations
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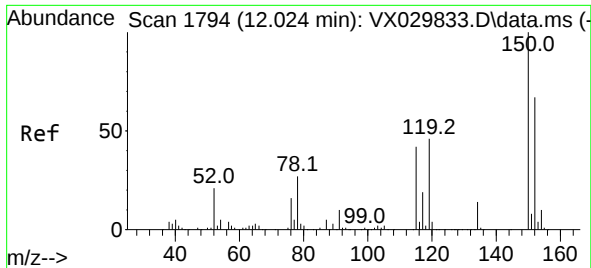
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#69
o-Xylene
Concen: 10.815 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VX029945.D
Acq: 06 Jul 2022 15:50

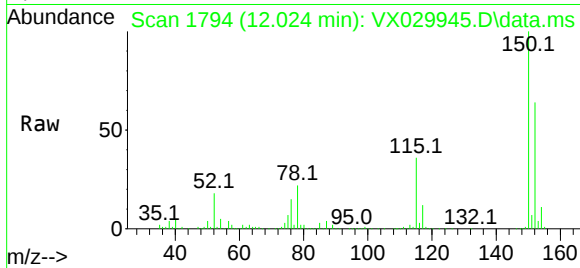
Tgt Ion:106 Resp: 43172
Ion Ratio Lower Upper
106 100
91 205.3 103.8 311.6





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX029945.D
Acq: 06 Jul 2022 15:50

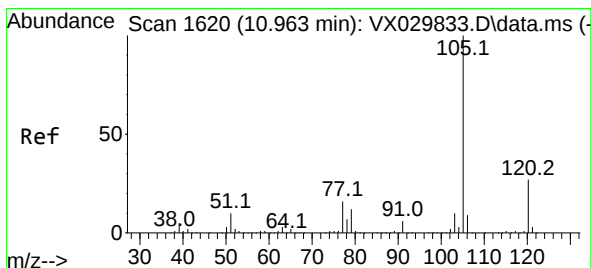
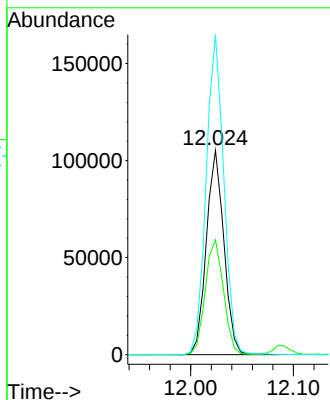
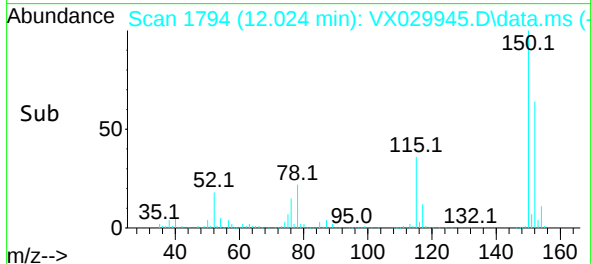
Instrument :
MSVOA_X
ClientSampleId :
INF0722DL



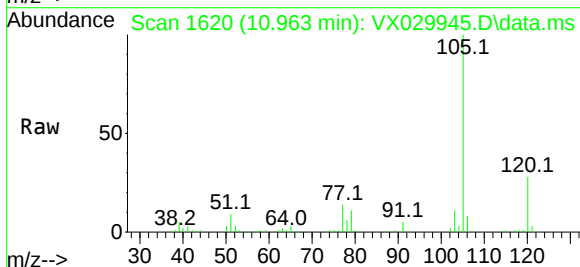
Tgt Ion:152 Resp: 12517
Ion Ratio Lower Upper
152 100
115 58.4 40.5 121.5
150 157.1 0.0 347.0

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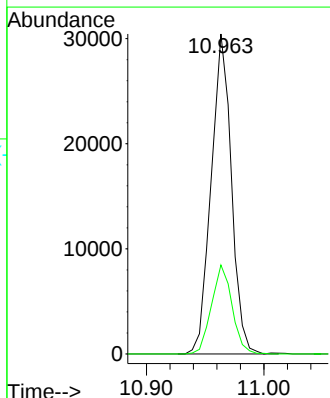
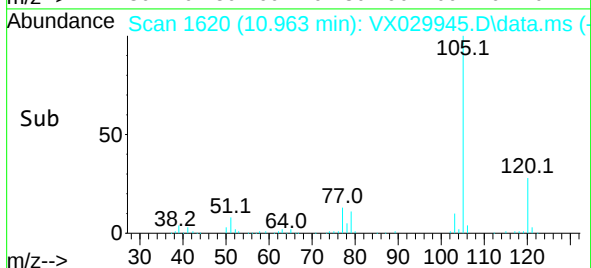
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

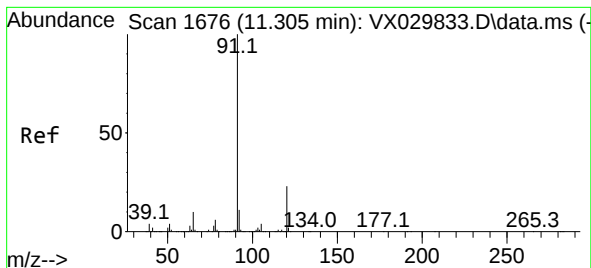


#73
Isopropylbenzene
Concen: 4.025 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX029945.D
Acq: 06 Jul 2022 15:50



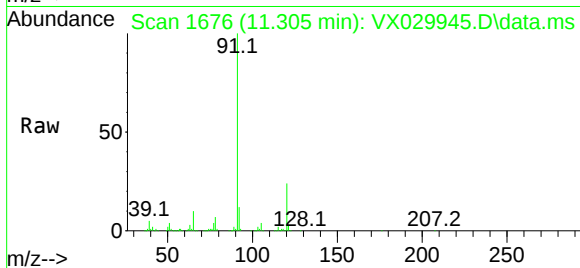
Tgt Ion:105 Resp: 36456
Ion Ratio Lower Upper
105 100
120 28.2 13.5 40.4





#78
n-propylbenzene
Concen: 7.592 ug/l
RT: 11.305 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VX029945.D
Acq: 06 Jul 2022 15:50

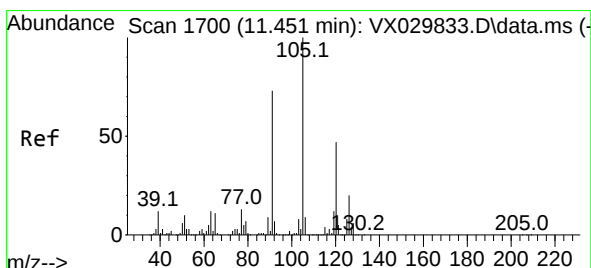
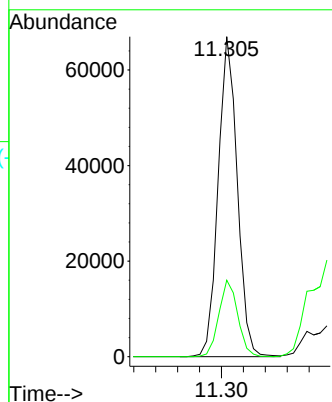
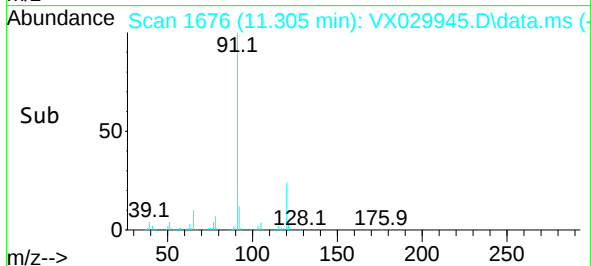
Instrument :
MSVOA_X
ClientSampleId :
INF0722DL



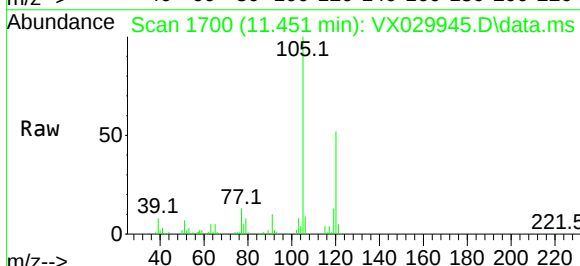
Tgt Ion: 91 Resp: 81099
Ion Ratio Lower Upper
91 100
120 23.7 11.6 34.8

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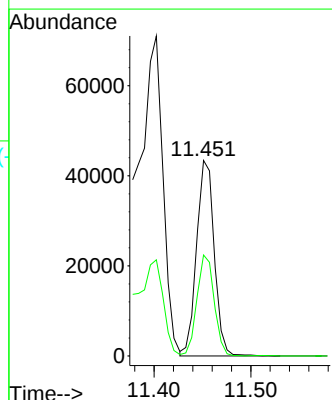
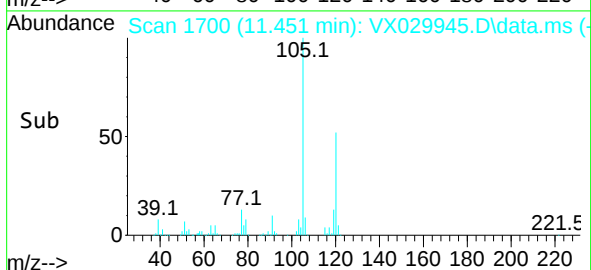
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

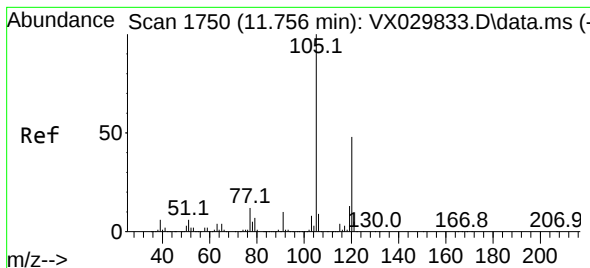


#80
1,3,5-Trimethylbenzene
Concen: 7.356 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX029945.D
Acq: 06 Jul 2022 15:50



Tgt Ion:105 Resp: 55307
Ion Ratio Lower Upper
105 100
120 50.3 24.4 73.2





#84

1,2,4-Trimethylbenzene

Concen: 36.970 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. -0.000 min

Lab File: VX029945.D

Acq: 06 Jul 2022 15:50

Instrument :

MSVOA_X

ClientSampleId :

INF0722DL

Tgt Ion:105 Resp: 27846

Ion Ratio Lower Upper

105 100

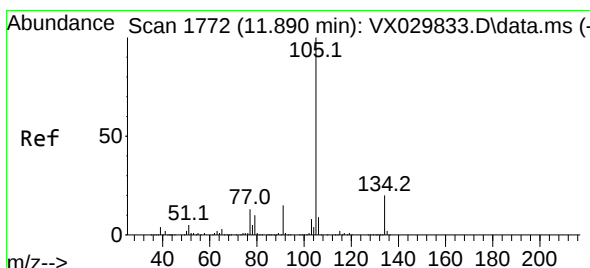
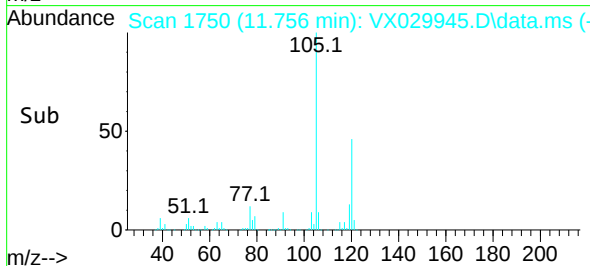
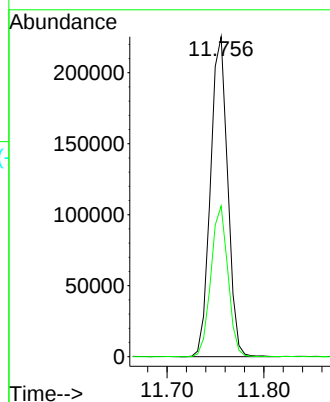
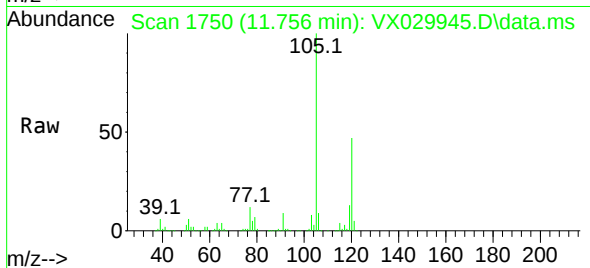
120 46.5 22.9 68.8

Manual Integrations

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Reviewed By :John Carlone 07/07/2022

Supervised By :Mahesh Dadoda 07/07/2022



#85

sec-Butylbenzene

Concen: 0.318 ug/l m

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX029945.D

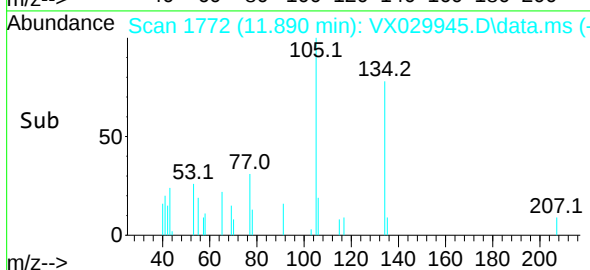
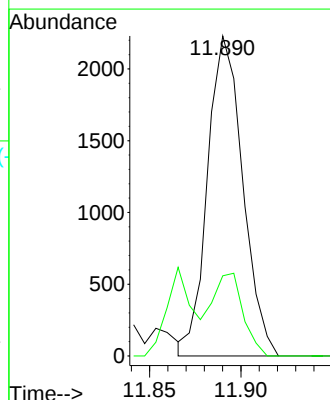
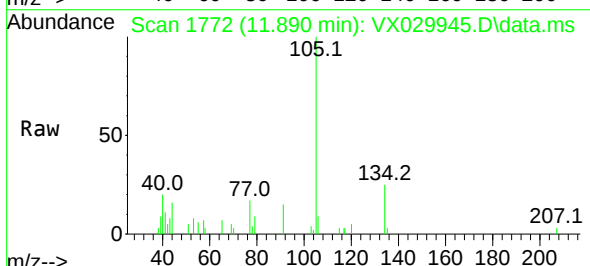
Acq: 06 Jul 2022 15:50

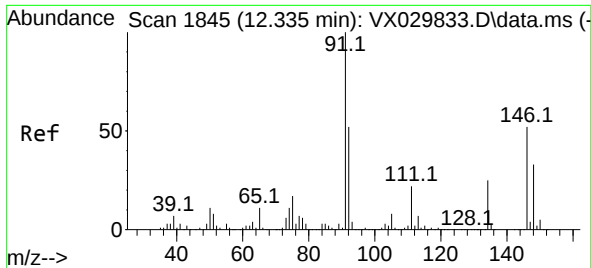
Tgt Ion:105 Resp: 2987

Ion Ratio Lower Upper

105 100

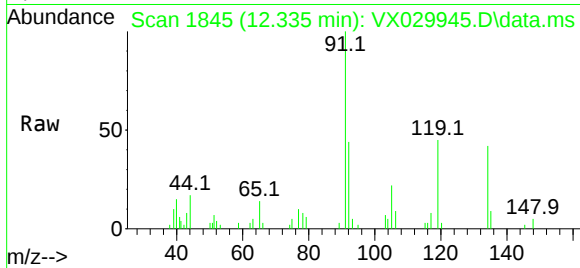
134 1.3 10.0 30.0#





#89
n-Butylbenzene
Concen: 0.285 ug/l m
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX029945.D
Acq: 06 Jul 2022 15:50

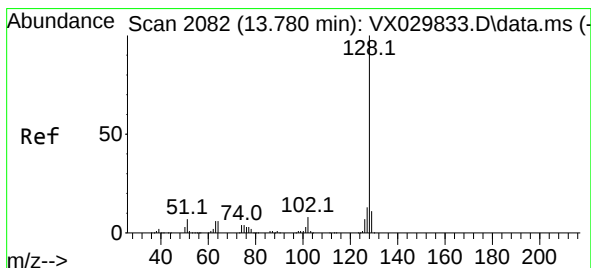
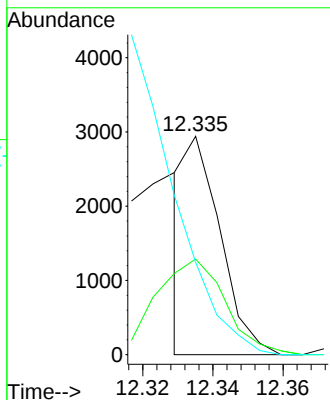
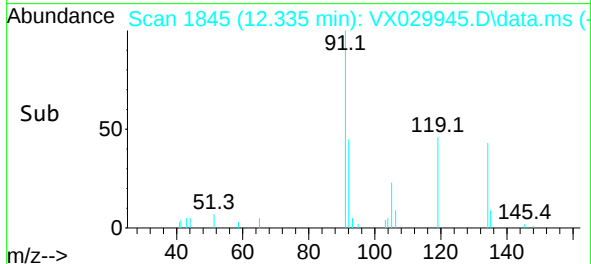
Instrument :
MSVOA_X
ClientSampleId :
INF0722DL



Tgt Ion: 91 Resp: 2009
Ion Ratio Lower Upper
91 100
92 97.0 26.2 78.5
134 304.6 12.6 37.8

Manual Integrations
APPROVED

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



#95
Naphthalene
Concen: 11.060 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX029945.D
Acq: 06 Jul 2022 15:50

Tgt Ion:128 Resp: 111820
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.2
129 10.8 8.6 13.0

