

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110222\
 Data File : VX032540.D
 Acq On : 02 Nov 2022 16:03
 Operator : JC/MD
 Sample : N5424-03DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 INF1122DL

Manual Integrations
 APPROVED

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

Quant Time: Nov 03 03:13:56 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	5.550	168	121423	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	200266	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	178351	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	88572	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	82977	49.182	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.360%		
35) Dibromofluoromethane	5.385	113	64826	45.380	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.760%		
50) Toluene-d8	8.647	98	239688	48.253	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.500%		
62) 4-Bromofluorobenzene	11.079	95	93897	48.392	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.780%		
Target Compounds					Qvalue	
20) Methylene Chloride	2.788	84	820	0.583	ug/l #	79
31) Cyclohexane	5.477	56	7845	3.835	ug/l #	95
39) Methylcyclohexane	7.379	83	3646	1.549	ug/l	93
40) Benzene	6.037	78	178596	31.726	ug/l	100
52) Toluene	8.720	92	17944m	4.886	ug/l	
67) Ethyl Benzene	10.195	91	116818	16.351	ug/l	99
68) m/p-Xylenes	10.305	106	144614	52.129	ug/l	99
69) o-Xylene	10.640	106	17957	6.658	ug/l	99
73) Isopropylbenzene	10.963	105	16734	2.384	ug/l	99
78) n-propylbenzene	11.305	91	32398	4.006	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	30012	5.003	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	104349	17.490	ug/l	98
89) n-Butylbenzene	12.317	91	2737	0.515	ug/l #	36
95) Naphthalene	13.774	128	49219	7.078	ug/l	99

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

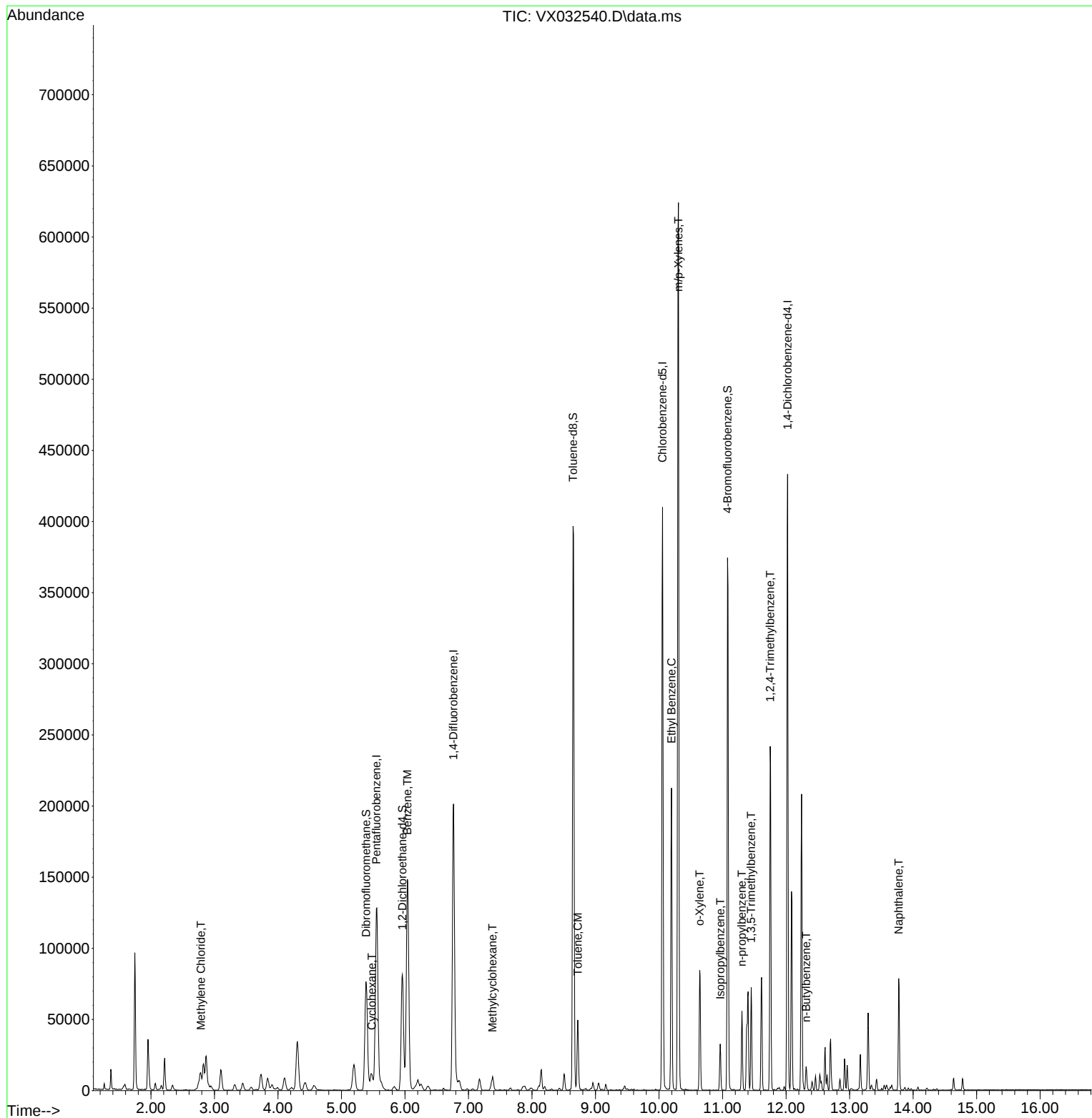
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110222\
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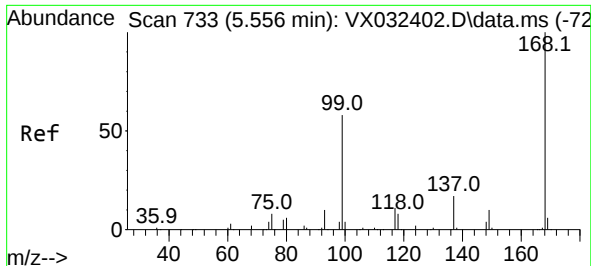
Instrument :
MSVOA_X
ClientSampleId :
INF1122DL

Quant Time: Nov 03 03:13:56 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
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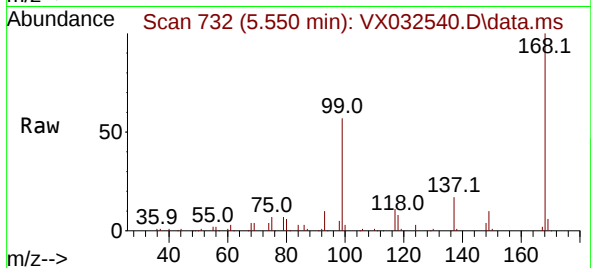
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 733
Delta R.T. -0.006 min
Lab File: VX032540.D
Acq: 02 Nov 2022 16:03

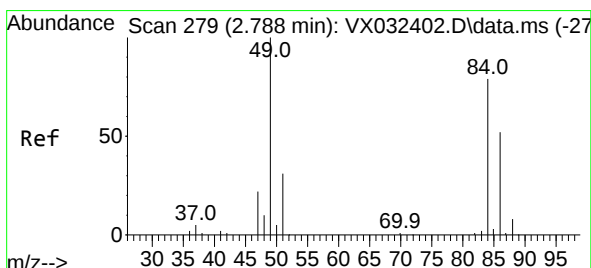
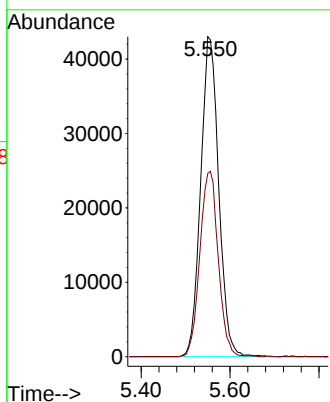
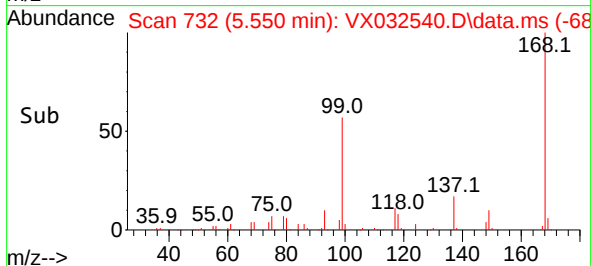
Instrument :
MSVOA_X
ClientSampleId :
INF1122DL



Tgt Ion:168 Resp: 12142
Ion Ratio Lower Upper
168 100
99 57.3 46.1 69.1

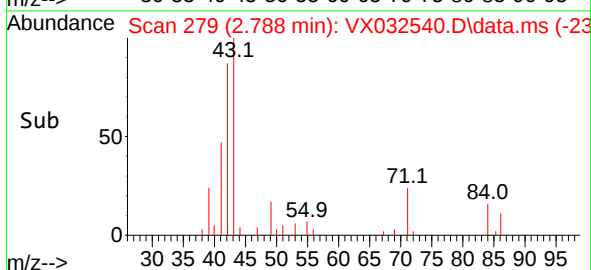
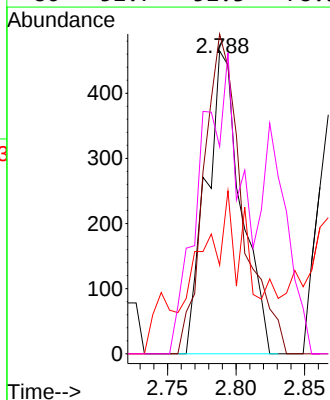
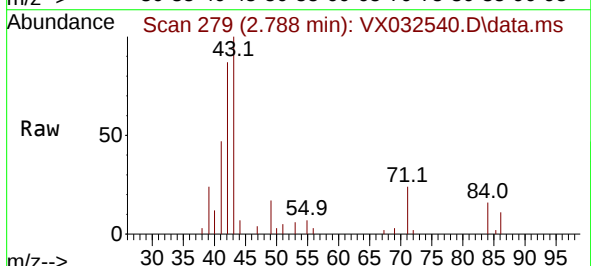
Manual Integrations
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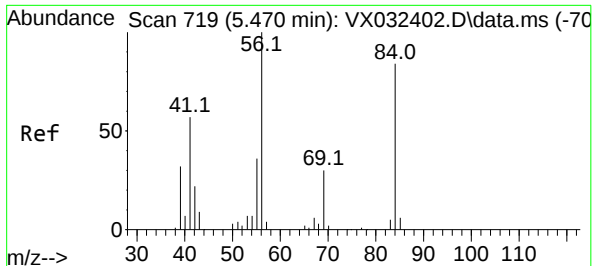
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#20
Methylene Chloride
Concen: 0.583 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX032540.D
Acq: 02 Nov 2022 16:03

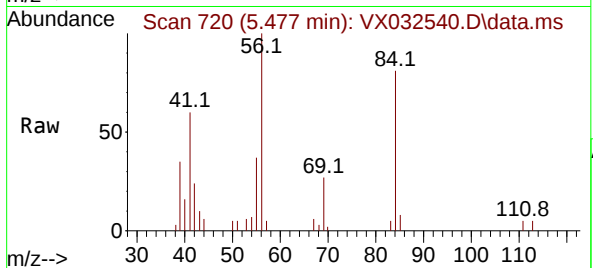
Tgt Ion: 84 Resp: 820
Ion Ratio Lower Upper
84 100
49 105.6 101.0 151.6
51 15.7 31.1 46.7#
86 52.7 52.3 78.5





#31
Cyclohexane
Concen: 3.835 ug/l
RT: 5.477 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX032540.D
Acq: 02 Nov 2022 16:03

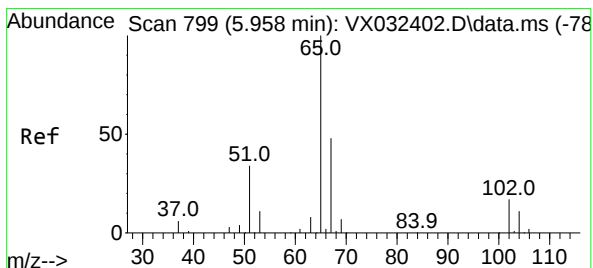
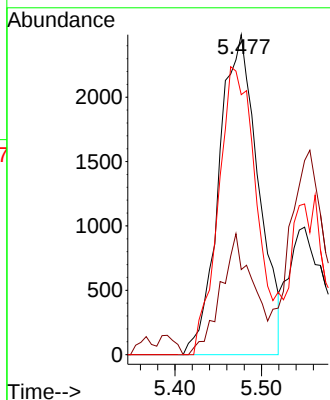
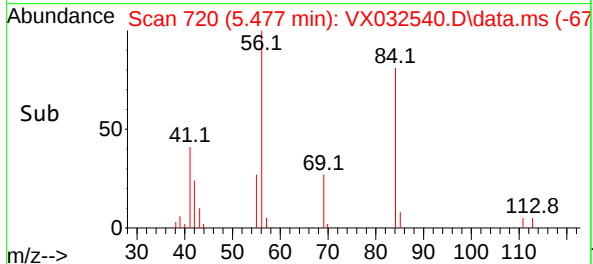
Instrument :
MSVOA_X
ClientSampleId :
INF1122DL



Tgt Ion: 56 Resp: 7849
Ion Ratio Lower Upper
56 100
69 23.4 24.1 36.1
84 81.3 66.9 100.3

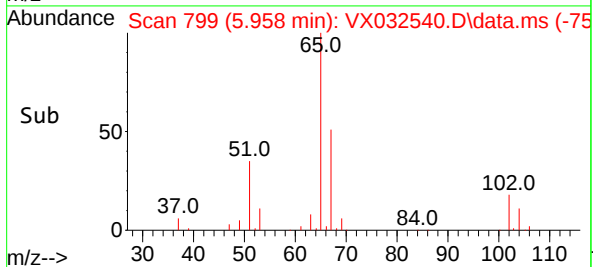
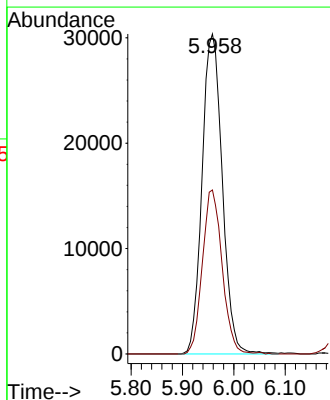
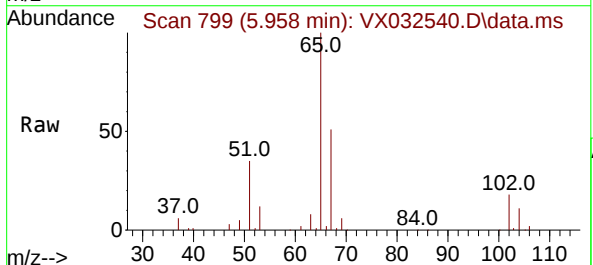
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#33
1,2-Dichloroethane-d4
Concen: 49.182 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX032540.D
Acq: 02 Nov 2022 16:03

Tgt Ion: 65 Resp: 82977
Ion Ratio Lower Upper
65 100
67 49.9 0.0 101.8





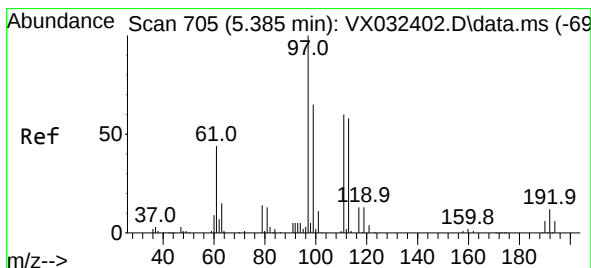
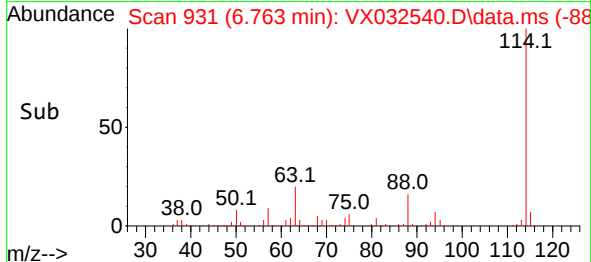
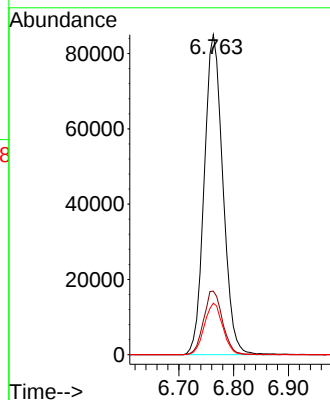
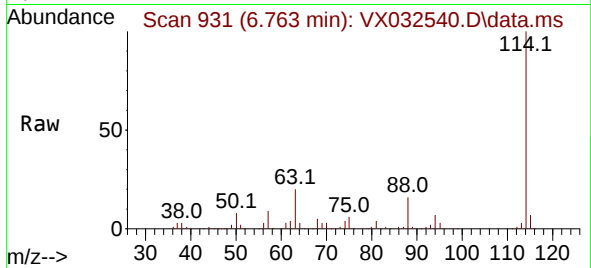
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX032540.D
Acq: 02 Nov 2022 16:03

Instrument :
MSVOA_X
ClientSampleId :
INF1122DL

Tgt Ion:114 Resp: 200260
Ion Ratio Lower Upper
114 100
63 19.9 0.0 41.6
88 16.1 0.0 33.4

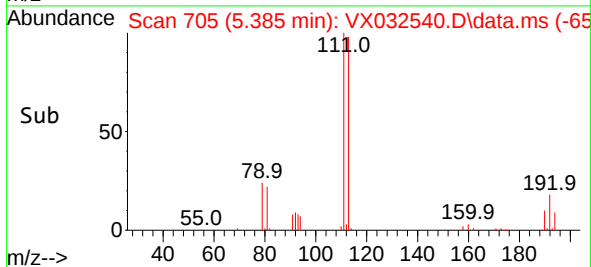
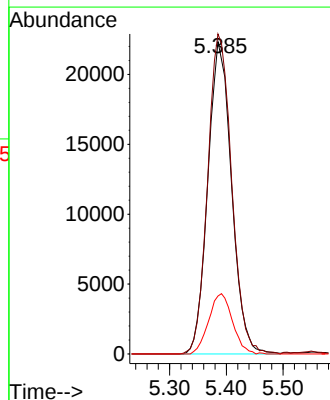
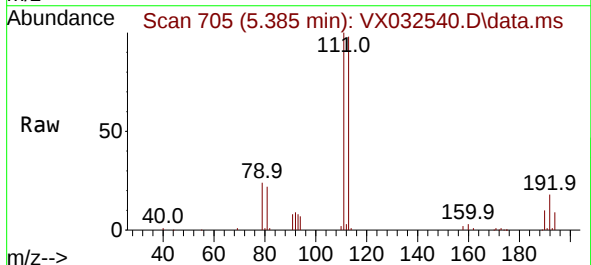
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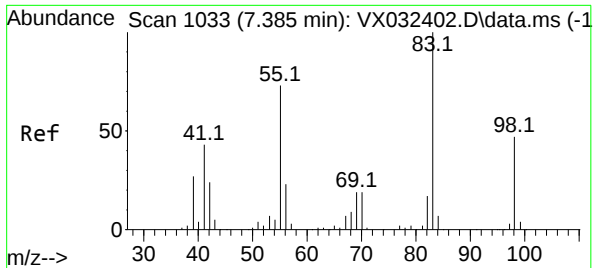
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#35
Dibromofluoromethane
Concen: 45.380 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX032540.D
Acq: 02 Nov 2022 16:03

Tgt Ion:113 Resp: 64826
Ion Ratio Lower Upper
113 100
111 103.6 82.4 123.6
192 19.4 15.4 23.2





#39

Methylcyclohexane

Concen: 1.549 ug/l

RT: 7.379 min Scan# 1033

Delta R.T. -0.006 min

Lab File: VX032540.D

Acq: 02 Nov 2022 16:03

Instrument :

MSVOA_X

ClientSampleId :

INF1122DL

Tgt Ion: 83 Resp: 3640

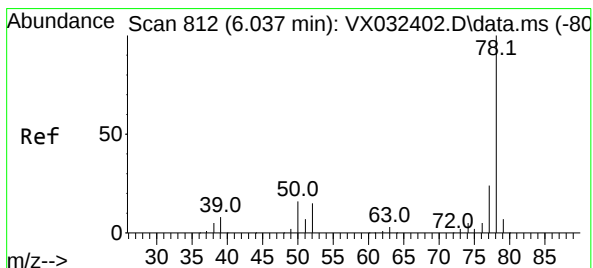
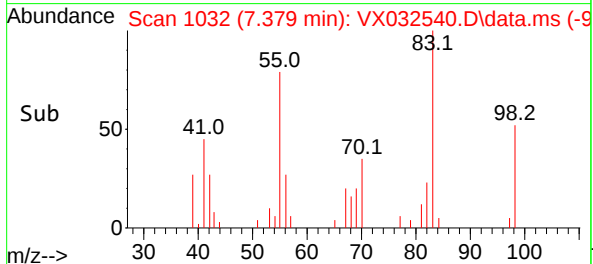
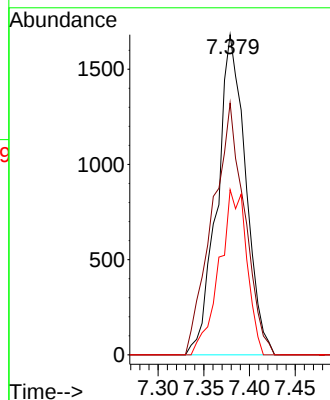
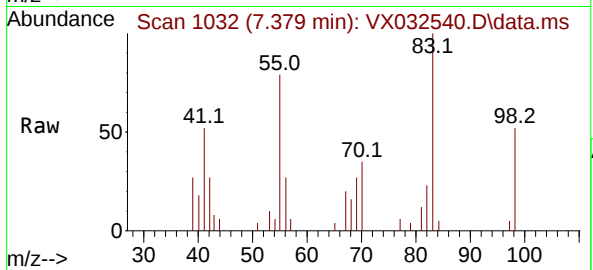
Ion	Ratio	Lower	Upper
83	100		
55	78.7	58.4	87.6
98	51.5	37.2	55.8

Manual Integrations

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Supervised By :Mahesh Dadoda 11/03/2022



#40

Benzene

Concen: 31.726 ug/l

RT: 6.037 min Scan# 812

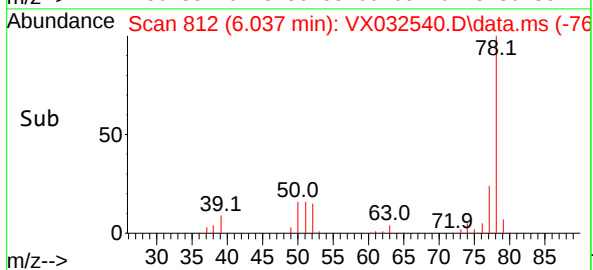
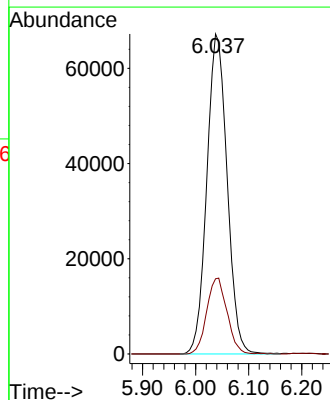
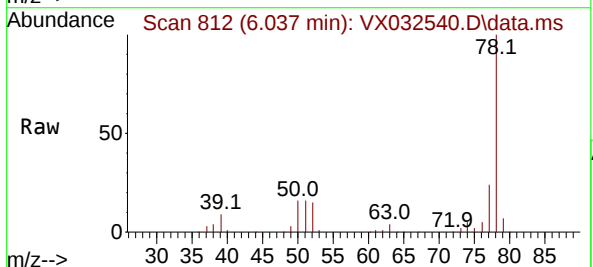
Delta R.T. -0.000 min

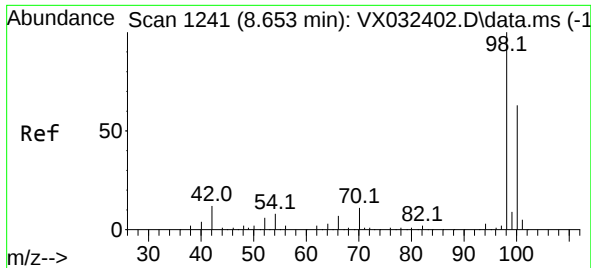
Lab File: VX032540.D

Acq: 02 Nov 2022 16:03

Tgt Ion: 78 Resp: 178596

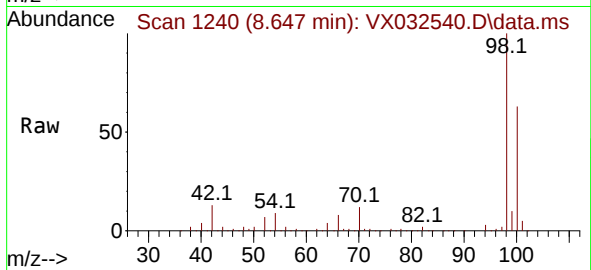
Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.0	28.4





#50
Toluene-d8
Concen: 48.253 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032540.D
Acq: 02 Nov 2022 16:03

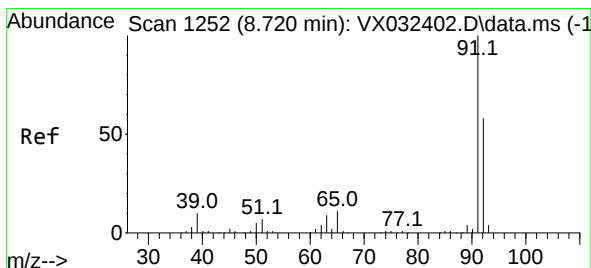
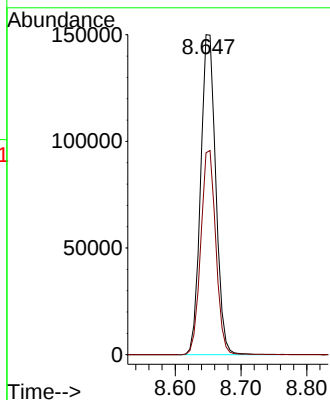
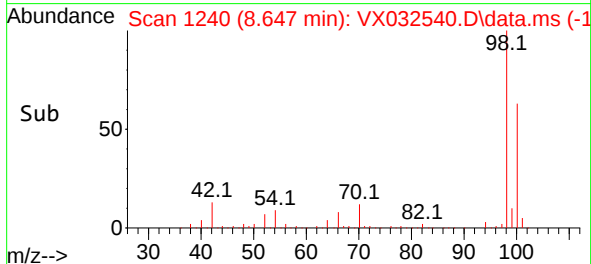
Instrument :
MSVOA_X
ClientSampleId :
INF1122DL



Tgt Ion: 98 Resp: 239688
Ion Ratio Lower Upper
98 100
100 63.6 50.9 76.3

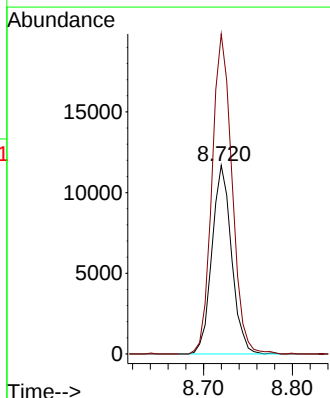
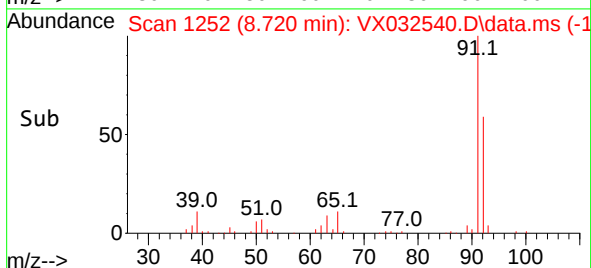
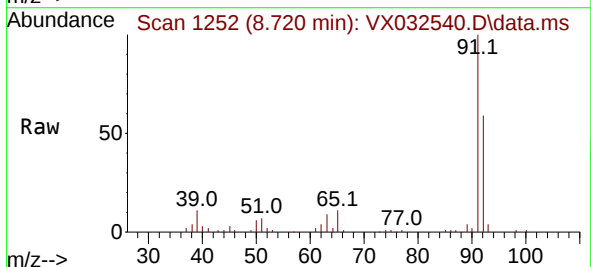
Manual Integrations
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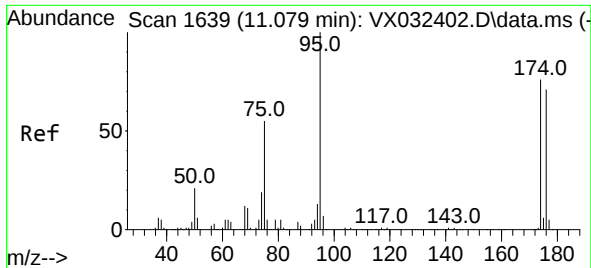
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#52
Toluene
Concen: 4.886 ug/l m
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX032540.D
Acq: 02 Nov 2022 16:03

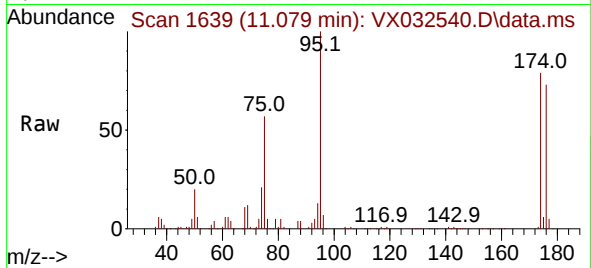
Tgt Ion: 92 Resp: 17944
Ion Ratio Lower Upper
92 100
91 0.0 138.3 207.5#





#62
4-Bromofluorobenzene
Concen: 48.392 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX032540.D
Acq: 02 Nov 2022 16:03

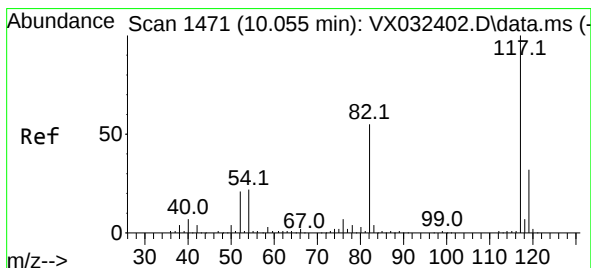
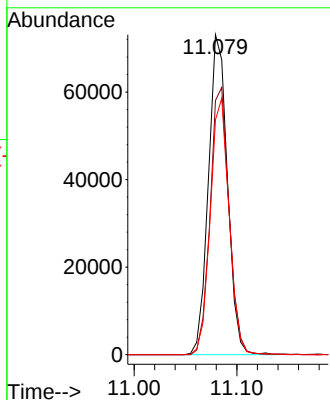
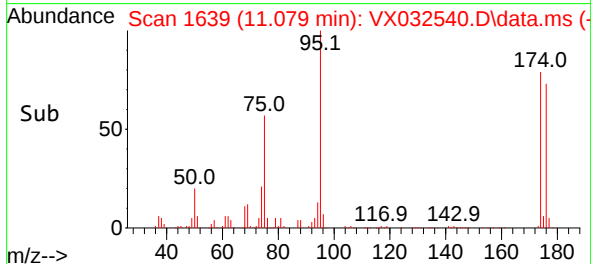
Instrument :
MSVOA_X
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INF1122DL



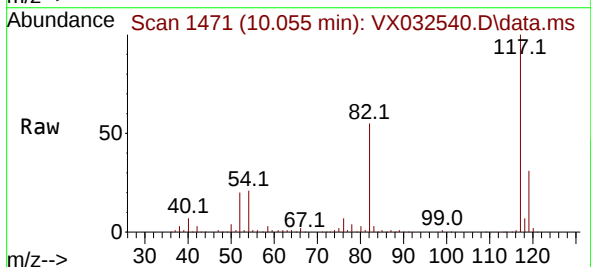
Tgt Ion: 95 Resp: 9389
Ion Ratio Lower Upper
95 100
174 83.1 0.0 164.0
176 79.6 0.0 154.4

Manual Integrations
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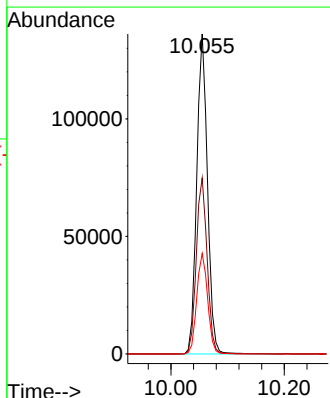
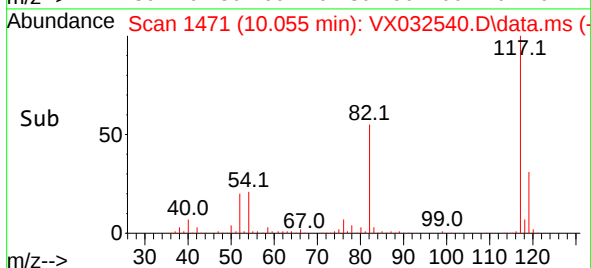
Reviewed By :John Carlone 11/03/2022
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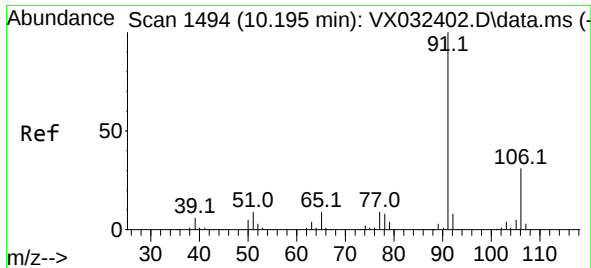


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032540.D
Acq: 02 Nov 2022 16:03



Tgt Ion:117 Resp: 178351
Ion Ratio Lower Upper
117 100
82 55.0 44.3 66.5
119 31.4 25.7 38.5





#67

Ethyl Benzene

Concen: 16.351 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX032540.D

Acq: 02 Nov 2022 16:03

Instrument :

MSVOA_X

ClientSampleId :

INF1122DL

Tgt Ion: 91 Resp: 116818

Ion Ratio Lower Upper

91 100

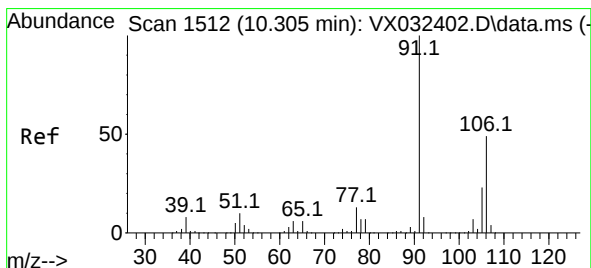
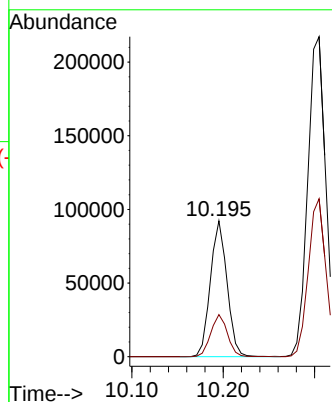
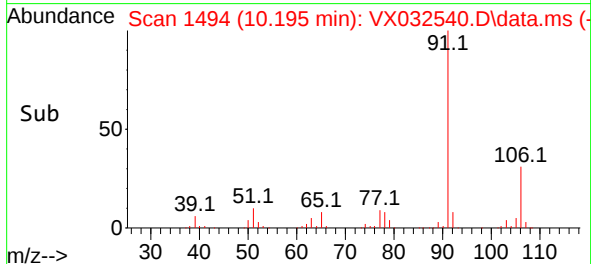
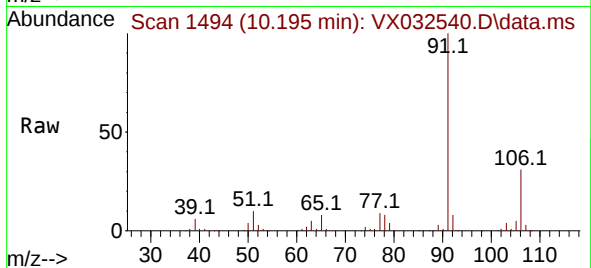
106 31.0 25.0 37.6

Manual Integrations

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Supervised By :Mahesh Dadoda 11/03/2022



#68

m/p-Xylenes

Concen: 52.129 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. -0.000 min

Lab File: VX032540.D

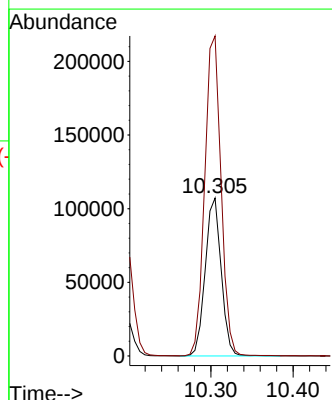
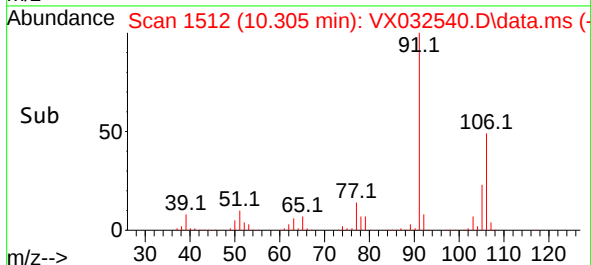
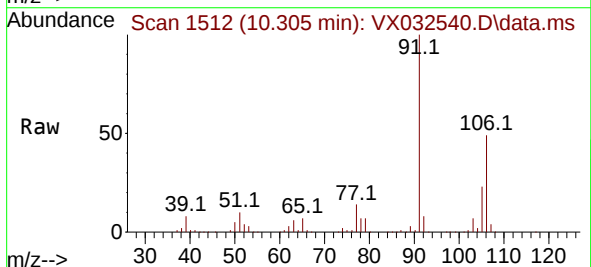
Acq: 02 Nov 2022 16:03

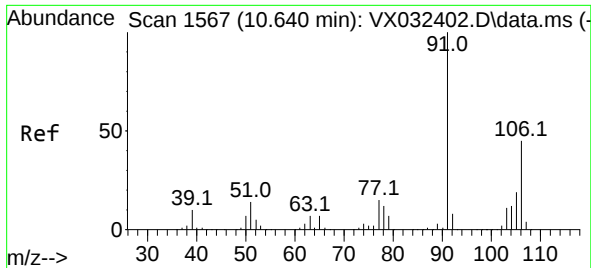
Tgt Ion:106 Resp: 144614

Ion Ratio Lower Upper

106 100

91 207.2 164.5 246.7





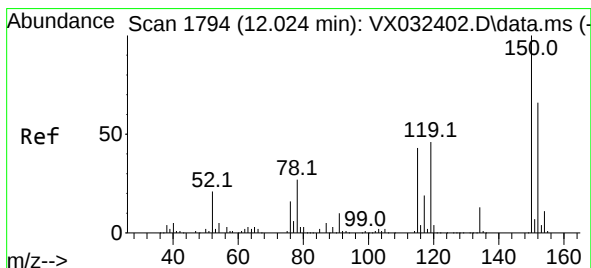
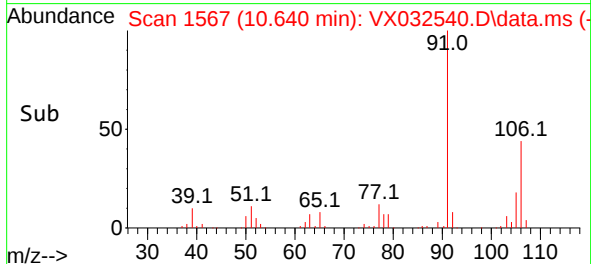
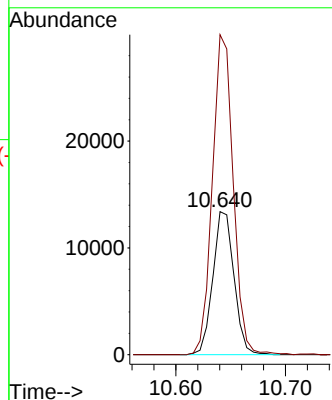
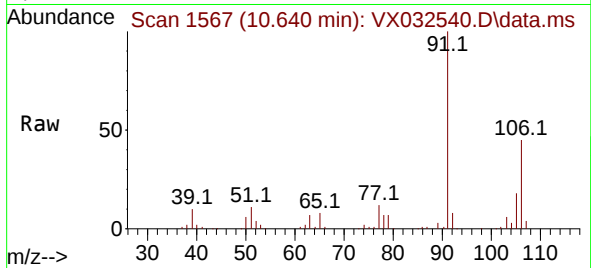
#69
o-Xylene
Concen: 6.658 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032540.D
Acq: 02 Nov 2022 16:03

Instrument :
MSVOA_X
ClientSampleId :
INF1122DL

Tgt Ion:106 Resp: 1795
Ion Ratio Lower Upper
106 100
91 220.6 109.2 327.6

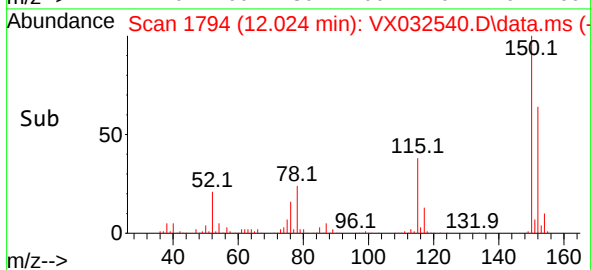
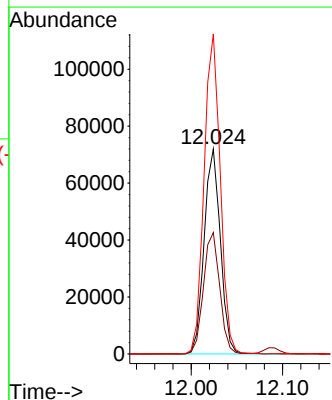
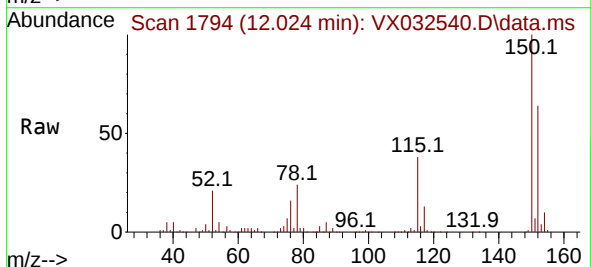
Manual Integrations
APPROVED

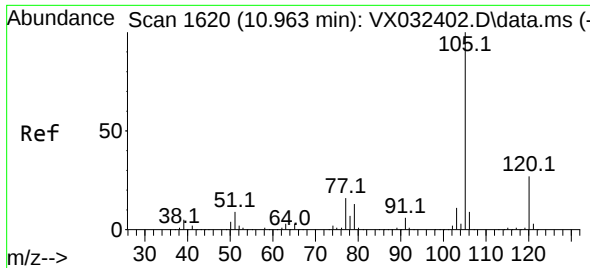
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX032540.D
Acq: 02 Nov 2022 16:03

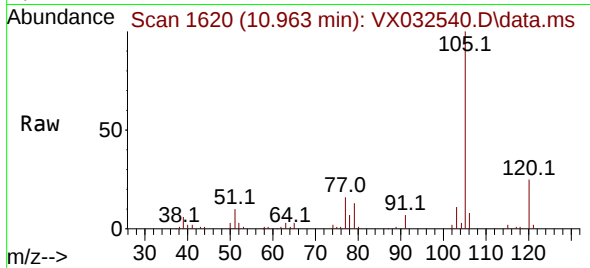
Tgt Ion:152 Resp: 88572
Ion Ratio Lower Upper
152 100
115 59.5 44.0 132.0
150 155.6 0.0 351.8





#73
Isopropylbenzene
Concen: 2.384 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX032540.D
Acq: 02 Nov 2022 16:03

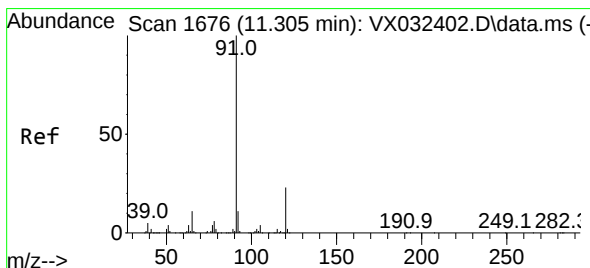
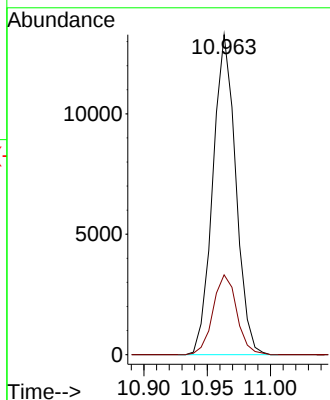
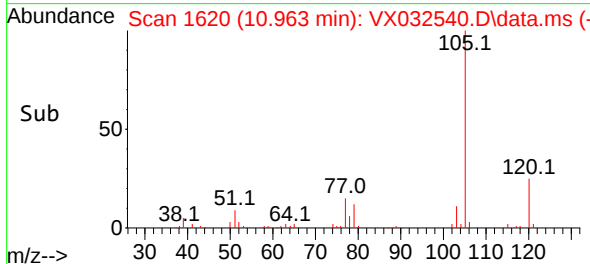
Instrument :
MSVOA_X
ClientSampleId :
INF1122DL



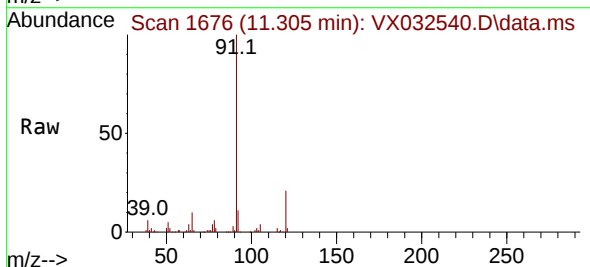
Tgt Ion:105 Resp: 16734
Ion Ratio Lower Upper
105 100
120 25.8 13.1 39.3

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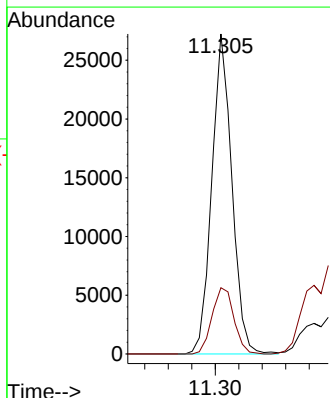
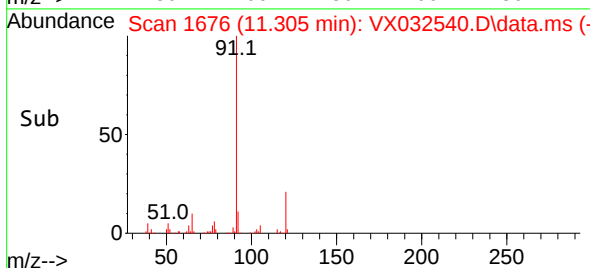
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022

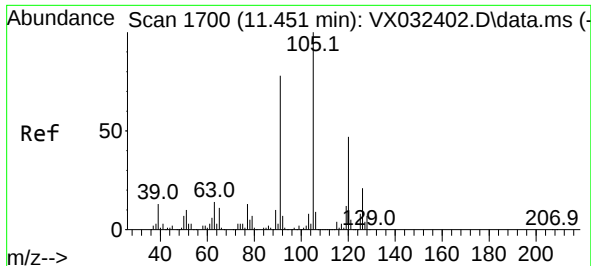


#78
n-propylbenzene
Concen: 4.006 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX032540.D
Acq: 02 Nov 2022 16:03



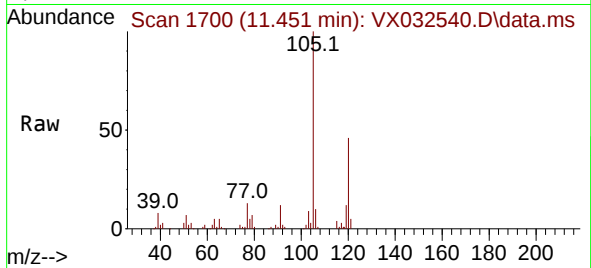
Tgt Ion: 91 Resp: 32398
Ion Ratio Lower Upper
91 100
120 22.5 11.6 34.8





#80
1,3,5-Trimethylbenzene
Concen: 5.003 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX032540.D
Acq: 02 Nov 2022 16:03

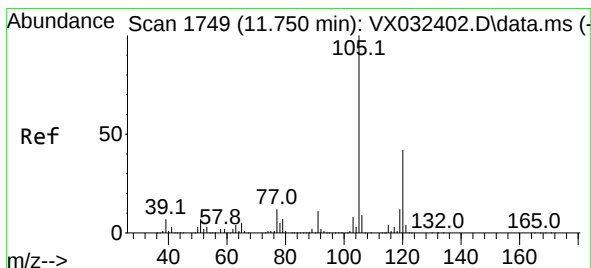
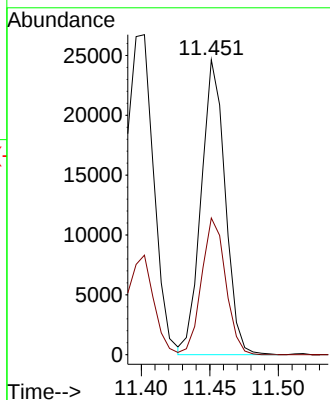
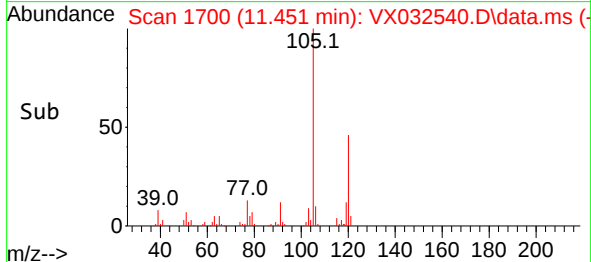
Instrument :
MSVOA_X
ClientSampleId :
INF1122DL



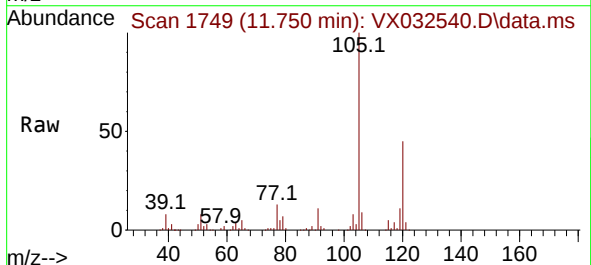
Tgt Ion:105 Resp: 3001
Ion Ratio Lower Upper
105 100
120 46.5 23.6 71.0

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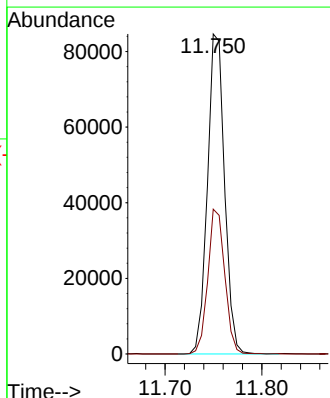
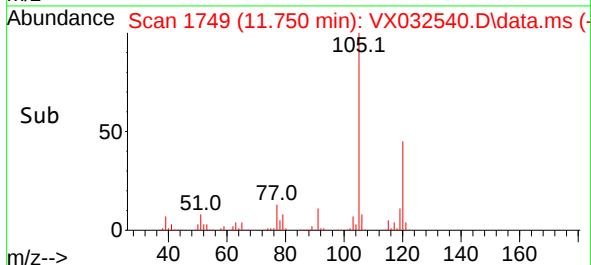
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022

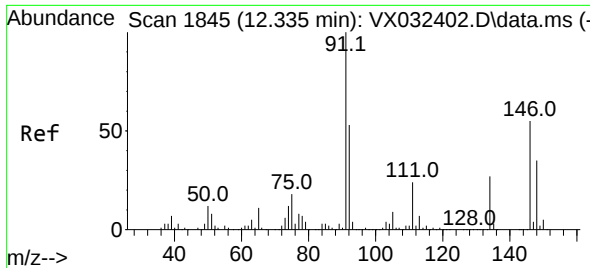


#84
1,2,4-Trimethylbenzene
Concen: 17.490 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX032540.D
Acq: 02 Nov 2022 16:03



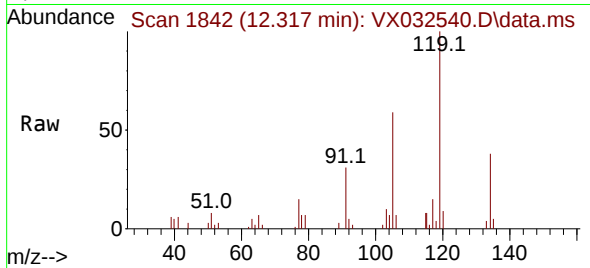
Tgt Ion:105 Resp: 104349
Ion Ratio Lower Upper
105 100
120 44.8 21.9 65.5





#89
n-Butylbenzene
Concen: 0.515 ug/l
RT: 12.317 min Scan# 1845
Delta R.T. -0.018 min
Lab File: VX032540.D
Acq: 02 Nov 2022 16:03

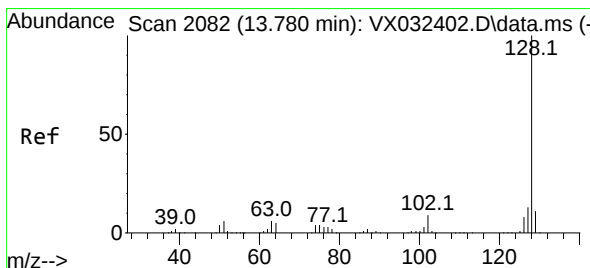
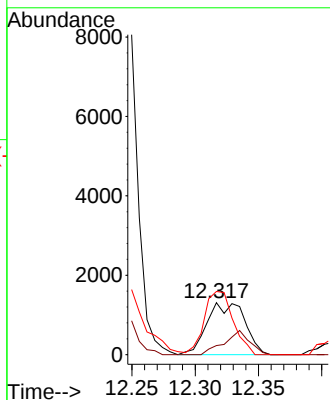
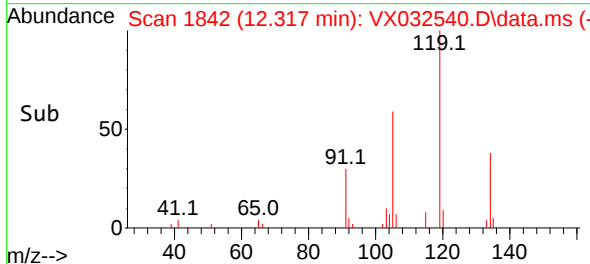
Instrument :
MSVOA_X
ClientSampleId :
INF1122DL



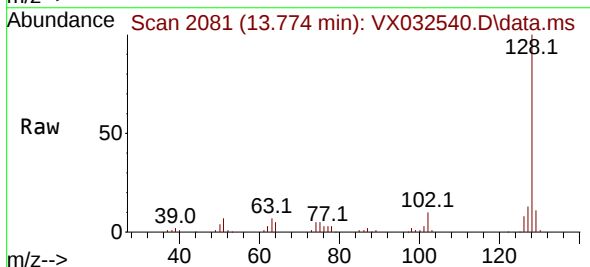
Tgt Ion: 91 Resp: 273
Ion Ratio Lower Upper
91 100
92 31.0 26.2 78.6
134 92.7 12.9 38.6

Manual Integrations
APPROVED

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



#95
Naphthalene
Concen: 7.078 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX032540.D
Acq: 02 Nov 2022 16:03



Tgt Ion:128 Resp: 49219
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 10.5 8.9 13.3

