

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100622\
 Data File : VX031946.D
 Acq On : 07 Oct 2022 02:16
 Operator : JC/MD
 Sample : N4883-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP092722

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Oct 07 08:10:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 14:28:46 2022
 Response via : Initial Calibration

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

Internal Standards						10/07/2022
1) Pentafluorobenzene	5.556	168	56566	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	95907	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	108651	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	73893	50.000	ug/l	0.00
System Monitoring Compounds						10/07/2022
33) 1,2-Dichloroethane-d4	5.958	65	63415	54.284	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	108.560%
35) Dibromofluoromethane	5.385	113	52644	48.492	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.980%
50) Toluene-d8	8.653	98	199326	51.025	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.060%
62) 4-Bromofluorobenzene	11.079	95	75660	54.785	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.580%
Target Compounds						Qvalue
11) Tert butyl alcohol	2.983	59	27188	187.059	ug/l	100
16) Acetone	2.386	43	16106	40.566	ug/l #	80
17) Carbon Disulfide	2.514	76	2891	1.562	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	100074	34.612	ug/l #	79
22) Diisopropyl ether	3.757	45	2479	0.899	ug/l #	86
25) 2-Butanone	4.568	43	8832	14.230	ug/l	94
31) Cyclohexane	5.477	56	41443	29.696	ug/l	96
39) Methylcyclohexane	7.379	83	59391	34.587	ug/l	94
40) Benzene	6.037	78	347835	82.515	ug/l	99
42) 1,2-Dichloroethane	6.086	62	8861	5.768	ug/l	87
52) Toluene	8.720	92	474859	172.290	ug/l	99
64) Tetrachloroethene	9.275	164	352	0.287	ug/l	91
67) Ethyl Benzene	10.201	91	3710497	666.235	ug/l	96
68) m/p-Xylenes	10.311	106	3284711	1484.137	ug/l	91
69) o-Xylene	10.646	106	925098	430.041	ug/l	98
73) Isopropylbenzene	10.963	105	83823	15.040	ug/l	98
78) n-propylbenzene	11.305	91	336703	53.116	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	1196161	258.782	ug/l	99
83) tert-Butylbenzene	11.713	119	59972	13.109	ug/l	88
84) 1,2,4-Trimethylbenzene	11.756	105	2153772	458.676	ug/l	98
86) p-Isopropyltoluene	12.012	119	5287m	1.109	ug/l	
95) Naphthalene	13.774	128	1074038	198.713	ug/l	100

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

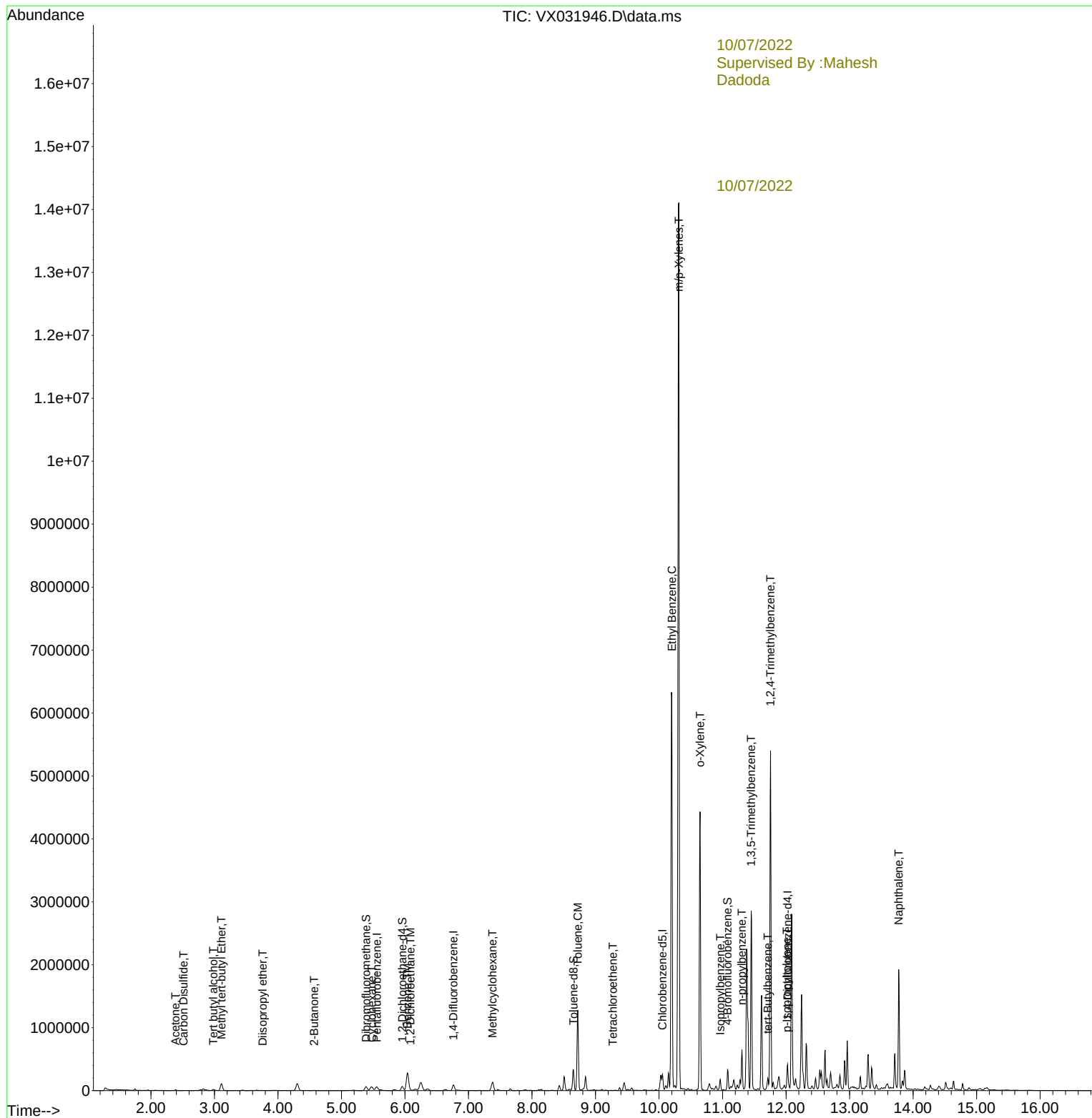
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100622\
Data File : VX031946.D
Acq On : 07 Oct 2022 02:16
Operator : JC/MD
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Misc : 5.0mL/MSVOA_X/WATER
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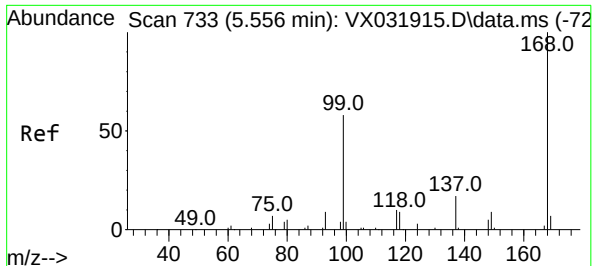
Instrument :
MSVOA_X
ClientSampleId :
DUP092722

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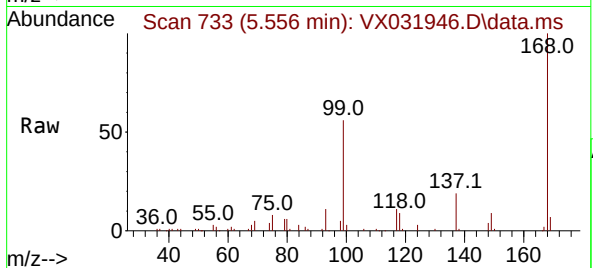
Quant Time: Oct 07 08:10:52 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 06 14:28:46 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX031946.D
Acq: 07 Oct 2022 02:16

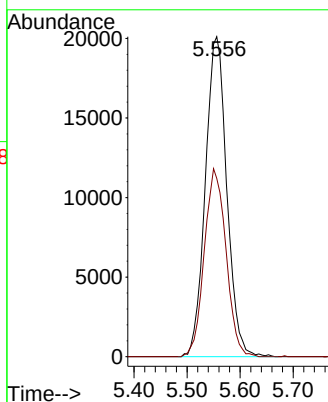
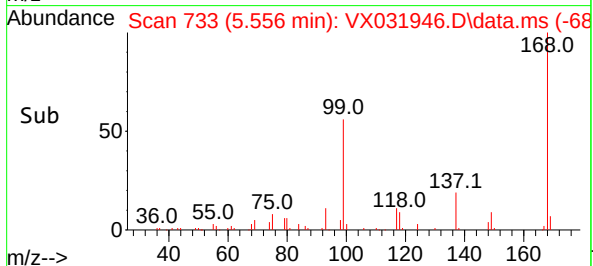
Instrument :
MSVOA_X
ClientSampleId :
DUP092722



Tgt Ion:168 Resp: 5656
Ion Ratio Lower Upper
168 100
99 55.7 48.8 73.2

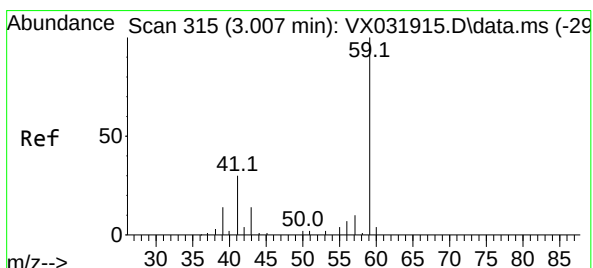
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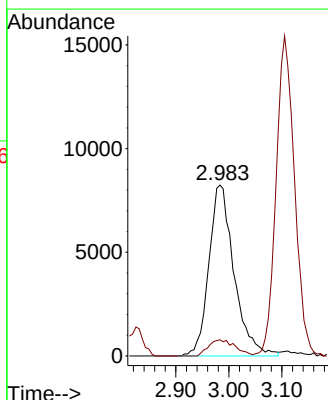
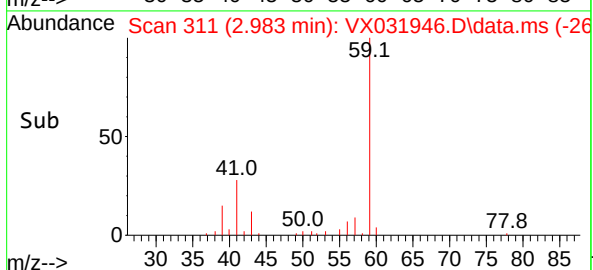
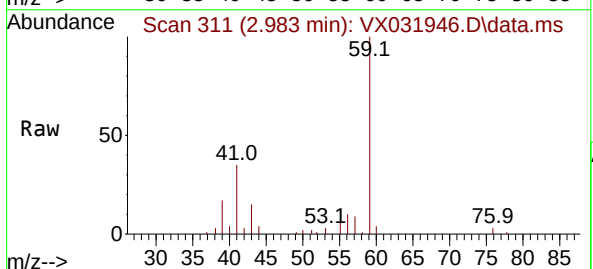
10/07/2022
Supervised By :Mahesh
Dadoda

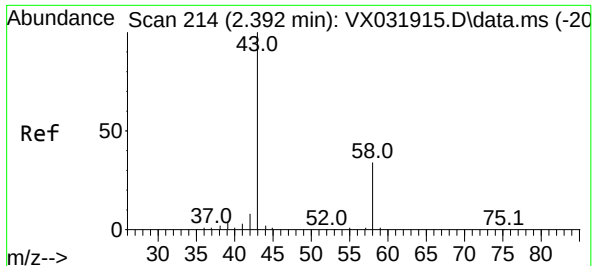
10/07/2022



#11
Tert butyl alcohol
Concen: 187.059 ug/l
RT: 2.983 min Scan# 311
Delta R.T. -0.024 min
Lab File: VX031946.D
Acq: 07 Oct 2022 02:16

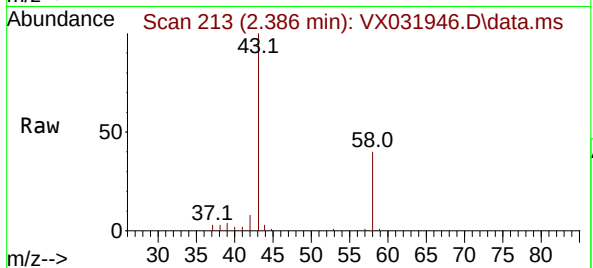
Tgt Ion: 59 Resp: 27188
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.2





#16
Acetone
Concen: 40.566 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX031946.D
Acq: 07 Oct 2022 02:16

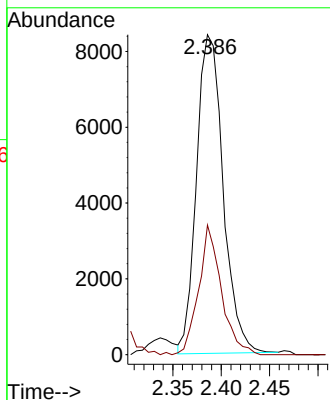
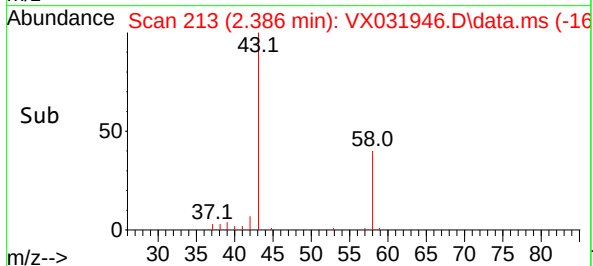
Instrument :
MSVOA_X
ClientSampleId :
DUP092722



Tgt Ion: 43 Resp: 16100
Ion Ratio Lower Upper
43 100
58 40.8 23.8 35.8

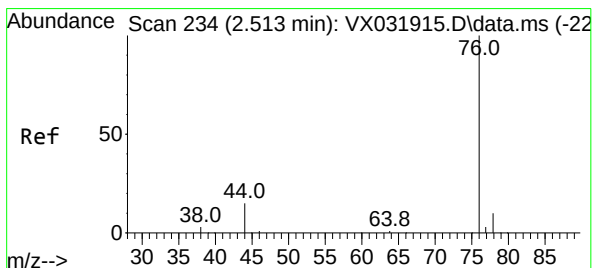
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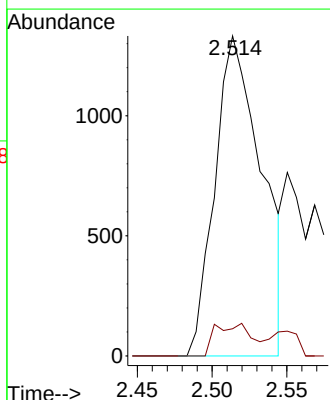
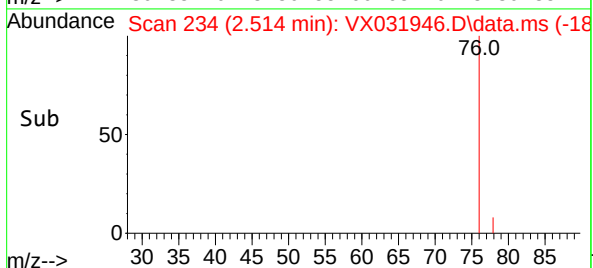
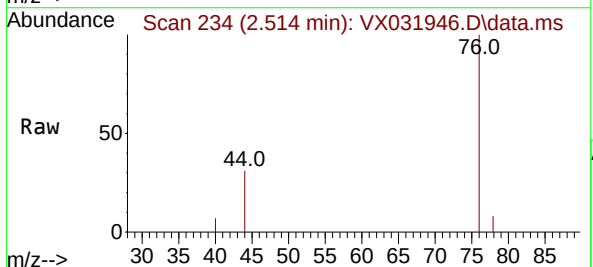
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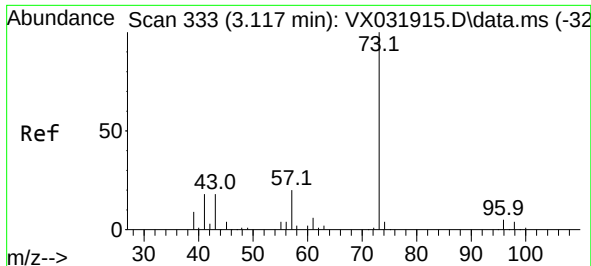
10/07/2022



#17
Carbon Disulfide
Concen: 1.562 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.001 min
Lab File: VX031946.D
Acq: 07 Oct 2022 02:16

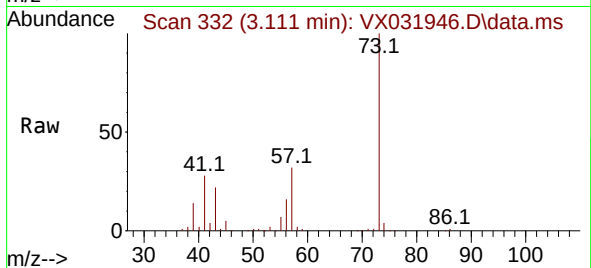
Tgt Ion: 76 Resp: 2891
Ion Ratio Lower Upper
76 100
78 8.5 7.2 10.8





#19
Methyl tert-butyl Ether
Concen: 34.612 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX031946.D
Acq: 07 Oct 2022 02:16

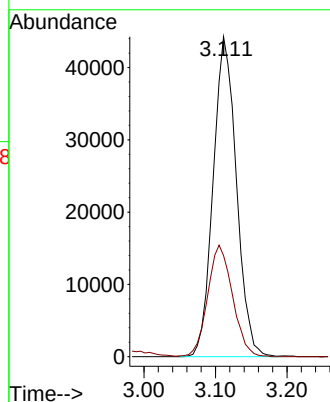
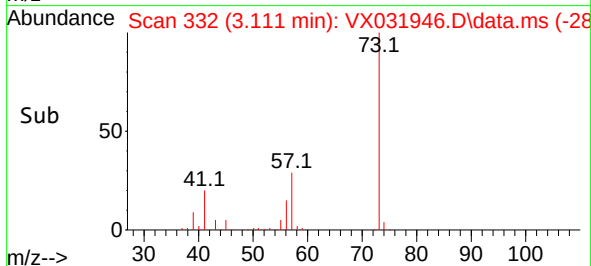
Instrument :
MSVOA_X
ClientSampleId :
DUP092722



Tgt Ion: 73 Resp: 100074
Ion Ratio Lower Upper
73 100
57 31.6 17.2 25.8

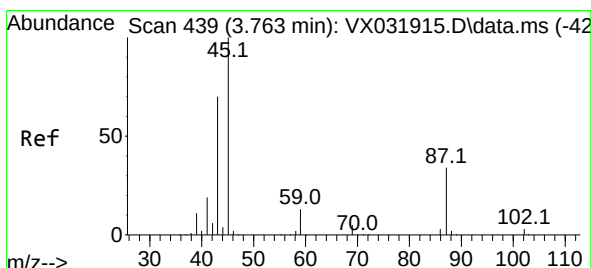
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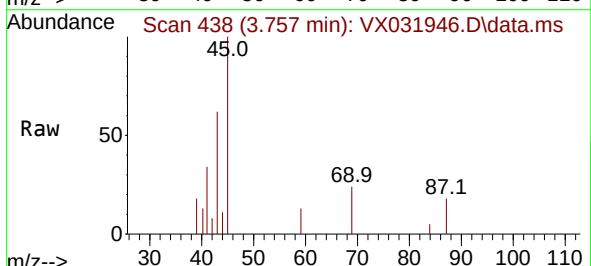


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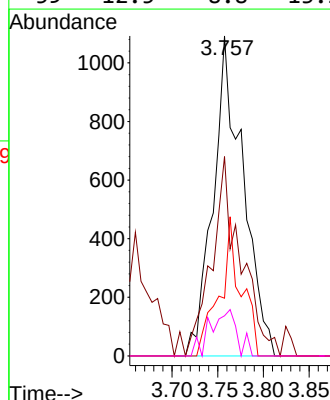
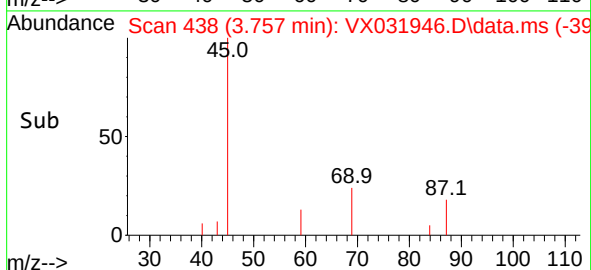
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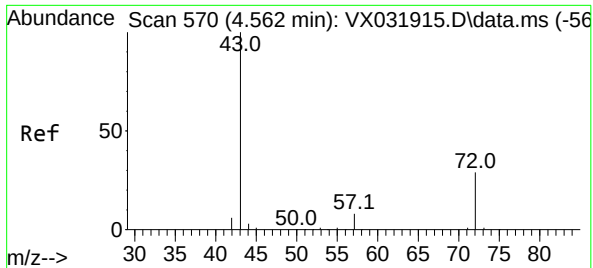


#22
Diisopropyl ether
Concen: 0.899 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX031946.D
Acq: 07 Oct 2022 02:16



Tgt Ion: 45 Resp: 2479
Ion Ratio Lower Upper
45 100
43 62.3 59.0 88.6
87 18.0 22.6 33.8
59 12.5 8.8 13.2





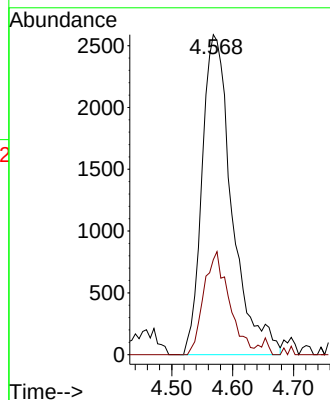
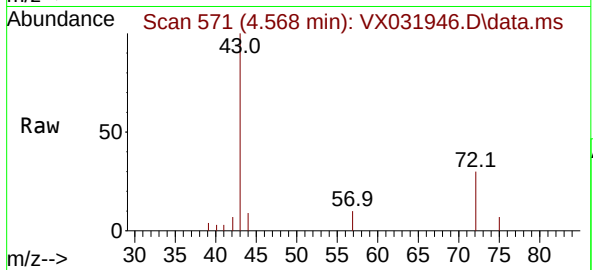
#25
2-Butanone
Concen: 14.230 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX031946.D
Acq: 07 Oct 2022 02:16

Instrument :
MSVOA_X
ClientSampleId :
DUP092722

Tgt Ion: 43 Resp: 883
Ion Ratio Lower Upper
43 100
72 29.7 21.1 31.7

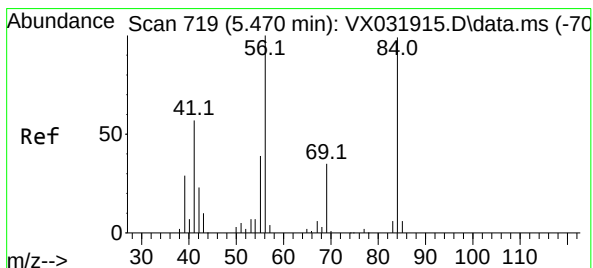
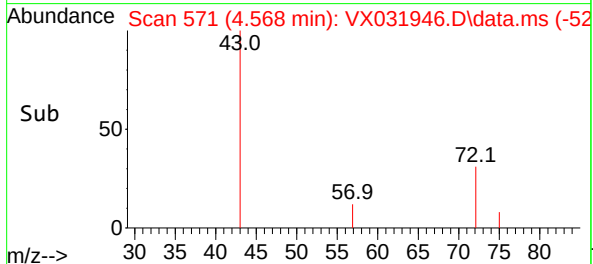
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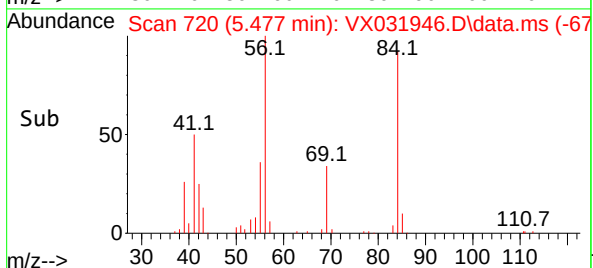
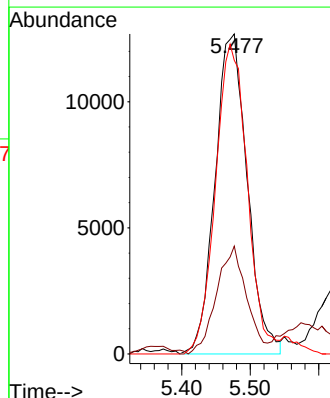
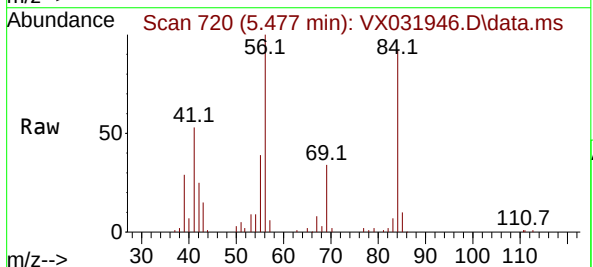
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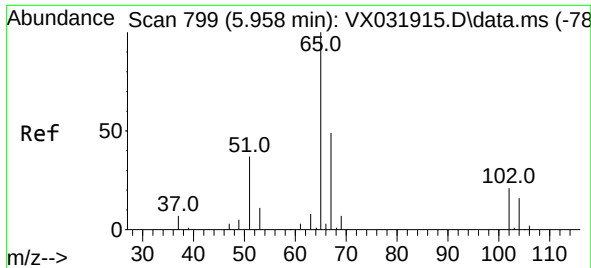
10/07/2022



#31
Cyclohexane
Concen: 29.696 ug/l
RT: 5.477 min Scan# 720
Delta R.T. 0.007 min
Lab File: VX031946.D
Acq: 07 Oct 2022 02:16

Tgt Ion: 56 Resp: 41443
Ion Ratio Lower Upper
56 100
69 32.5 25.1 37.7
84 91.8 70.2 105.4





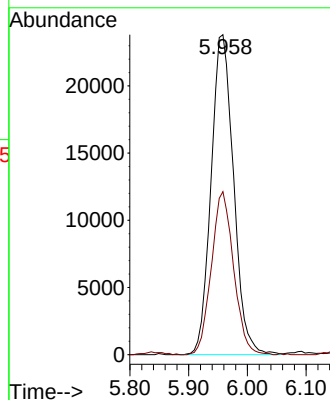
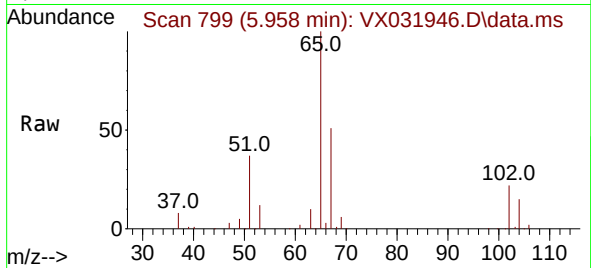
#33
1,2-Dichloroethane-d4
Concen: 54.284 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031946.D
Acq: 07 Oct 2022 02:16

Instrument :
MSVOA_X
Client Sample Id :
DUP092722

Tgt Ion: 65 Resp: 6341
Ion Ratio Lower Upper
65 100
67 50.3 0.0 102.4

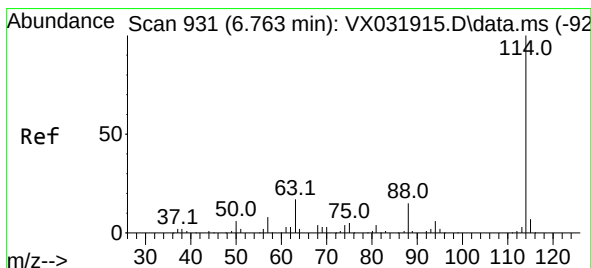
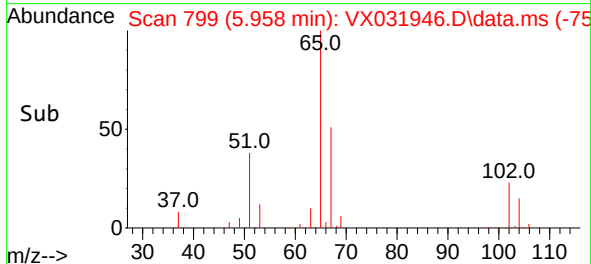
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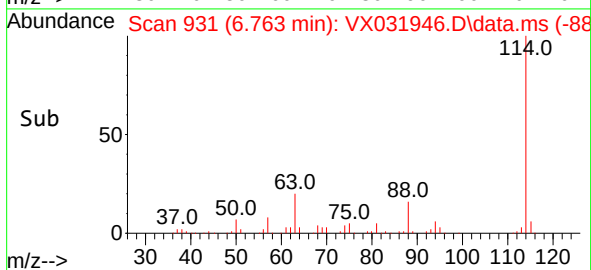
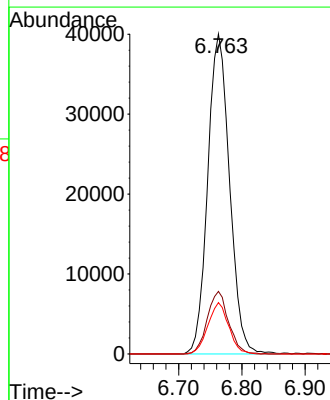
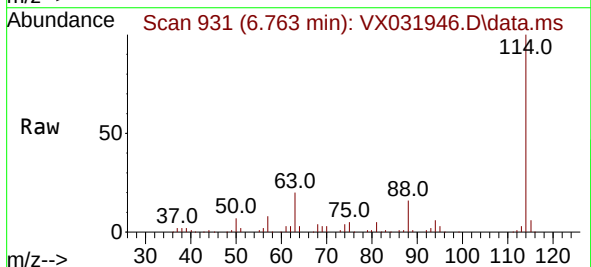
10/07/2022
Supervised By :Mahesh
Dadoda

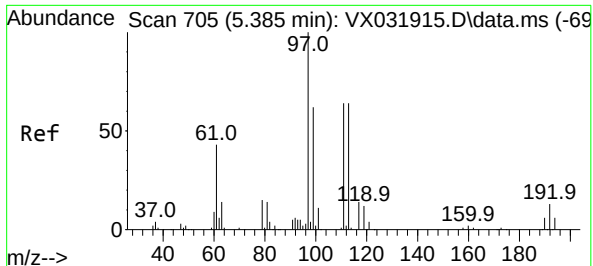
10/07/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX031946.D
Acq: 07 Oct 2022 02:16

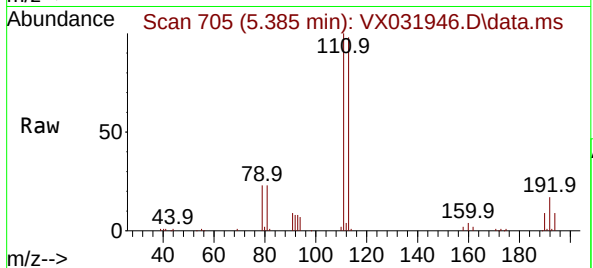
Tgt Ion:114 Resp: 95907
Ion Ratio Lower Upper
114 100
63 19.6 0.0 42.6
88 16.1 0.0 33.0





#35
Dibromofluoromethane
Concen: 48.492 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX031946.D
Acq: 07 Oct 2022 02:16

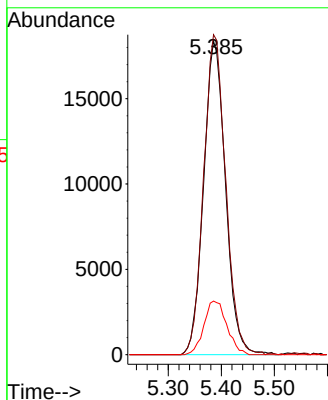
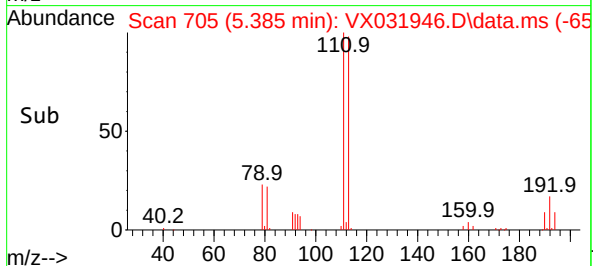
Instrument :
MSVOA_X
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DUP092722



Tgt Ion: 113 Resp: 52644
Ion Ratio Lower Upper
113 100
111 102.6 82.4 123.6
192 17.9 14.1 21.1

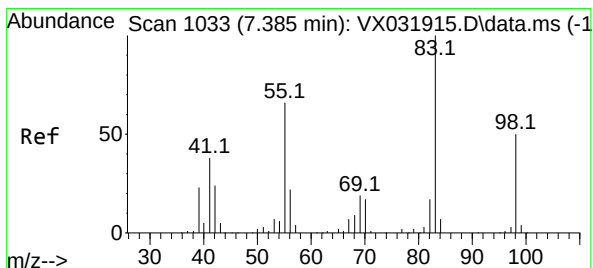
Manual Integrations
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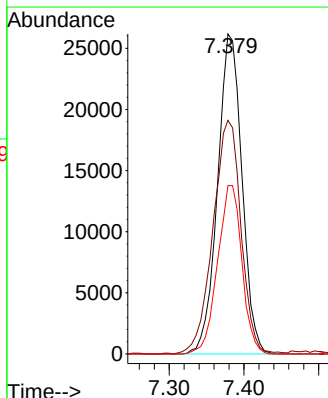
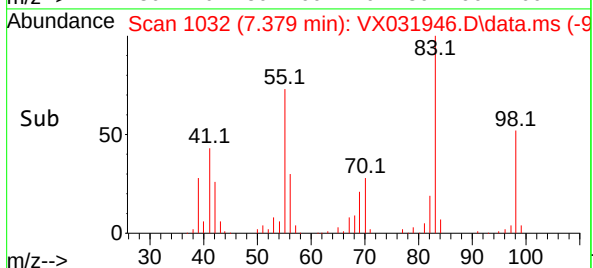
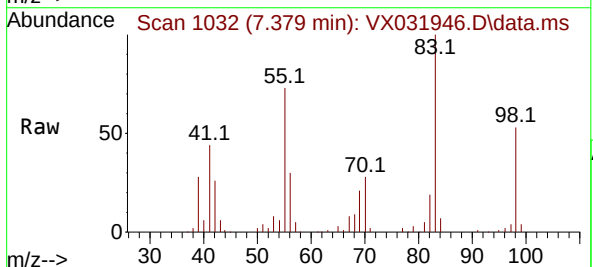
10/07/2022
Supervised By :Mahesh
Dadoda

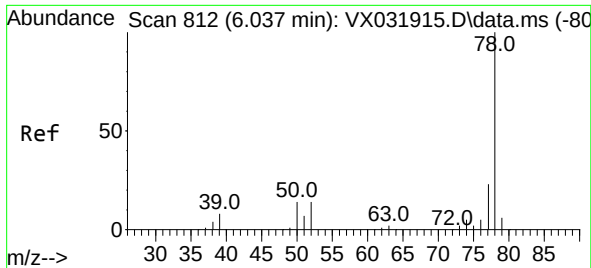
10/07/2022



#39
Methylcyclohexane
Concen: 34.587 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX031946.D
Acq: 07 Oct 2022 02:16

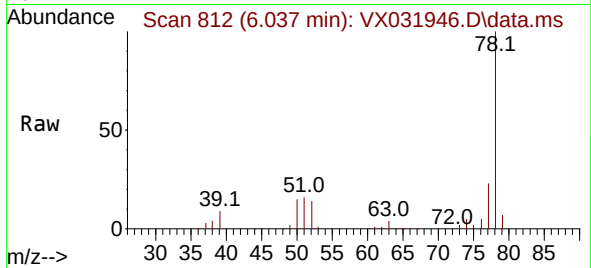
Tgt Ion: 83 Resp: 59391
Ion Ratio Lower Upper
83 100
55 72.6 61.0 91.4
98 52.6 37.7 56.5





#40
Benzene
Concen: 82.515 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX031946.D
Acq: 07 Oct 2022 02:16

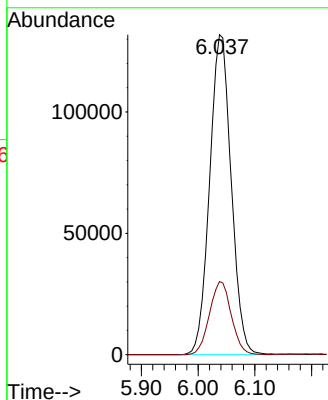
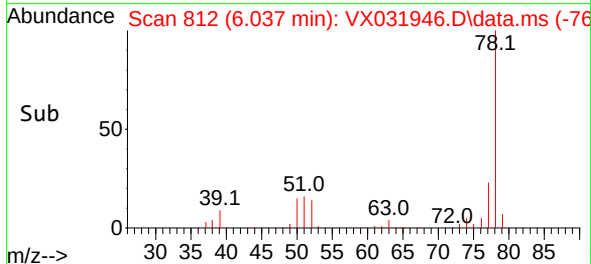
Instrument :
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DUP092722



Tgt Ion: 78 Resp: 347835
Ion Ratio Lower Upper
78 100
77 22.9 18.7 28.1

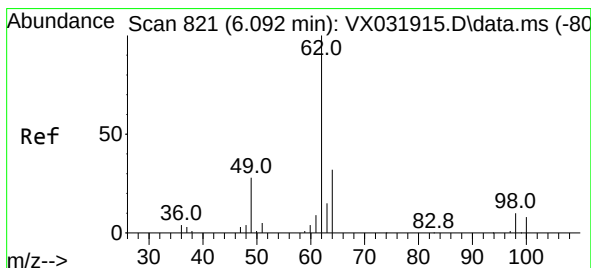
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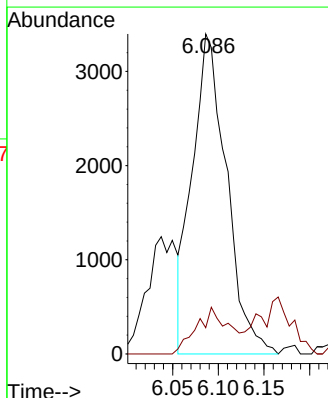
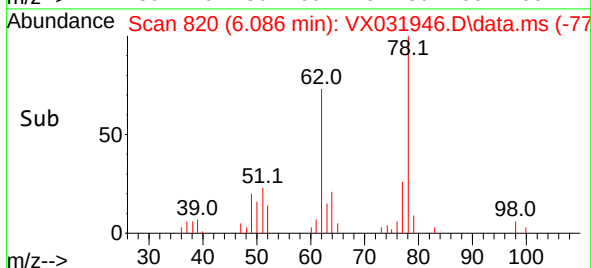
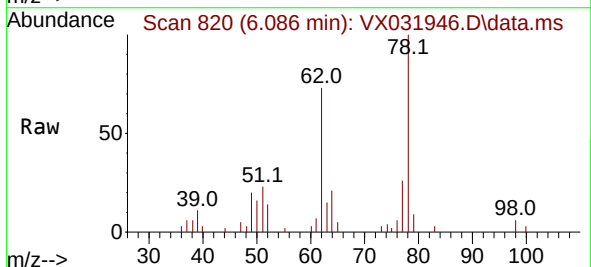
10/07/2022
Supervised By :Mahesh
Dadoda

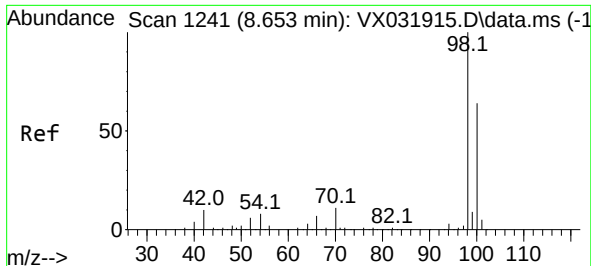
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#42
1,2-Dichloroethane
Concen: 5.768 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX031946.D
Acq: 07 Oct 2022 02:16

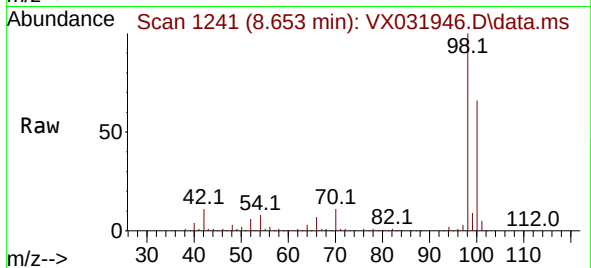
Tgt Ion: 62 Resp: 8861
Ion Ratio Lower Upper
62 100
98 13.6 0.0 17.8





#50
Toluene-d8
Concen: 51.025 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX031946.D
Acq: 07 Oct 2022 02:16

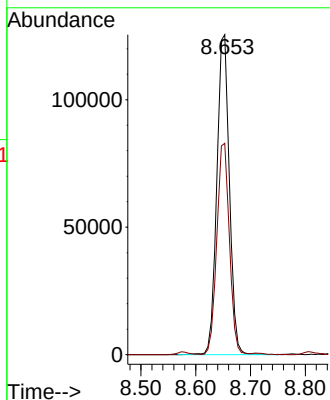
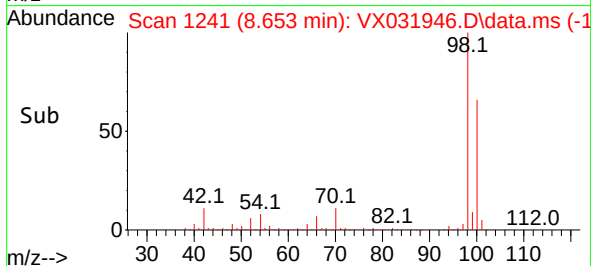
Instrument :
MSVOA_X
ClientSampleId :
DUP092722



Tgt Ion: 98 Resp: 199320
Ion Ratio Lower Upper
98 100
100 66.2 52.5 78.7

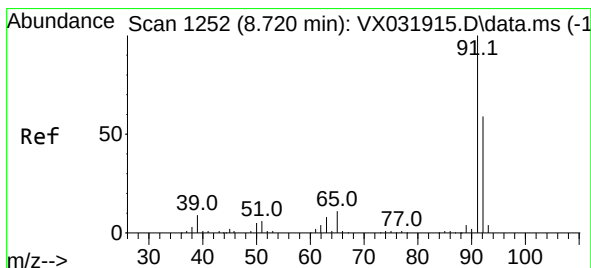
Manual Integrations
APPROVED

Reviewed By :John
Carlone



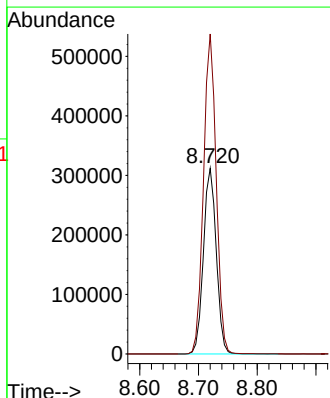
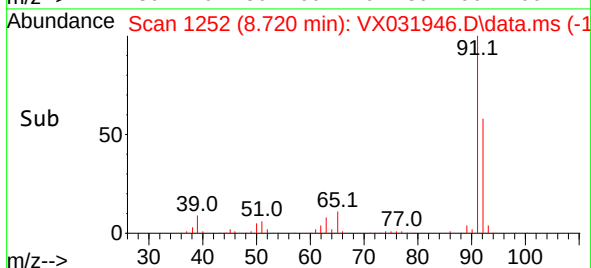
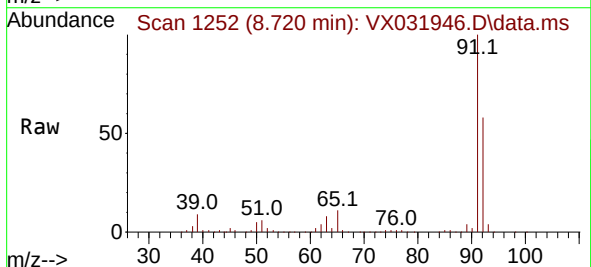
10/07/2022
Supervised By :Mahesh
Dadoda

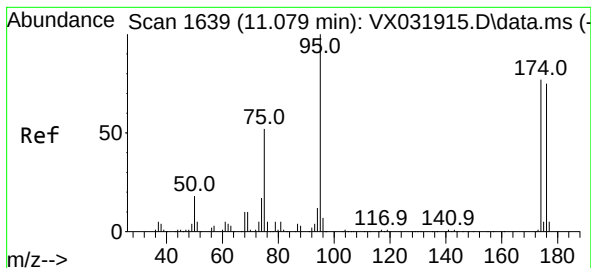
10/07/2022



#52
Toluene
Concen: 172.290 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX031946.D
Acq: 07 Oct 2022 02:16

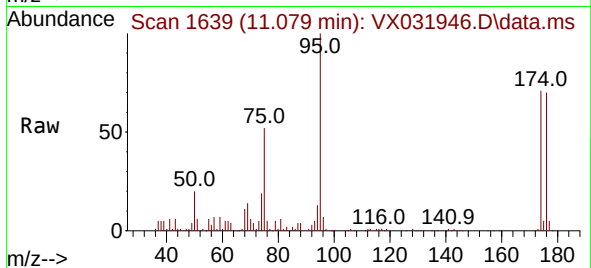
Tgt Ion: 92 Resp: 474859
Ion Ratio Lower Upper
92 100
91 170.4 137.1 205.7





#62
4-Bromofluorobenzene
Concen: 54.785 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031946.D
Acq: 07 Oct 2022 02:16

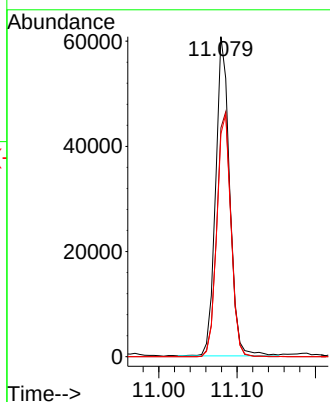
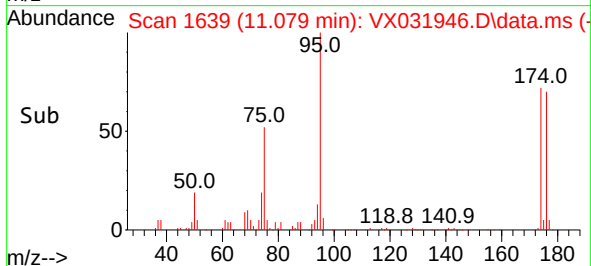
Instrument :
MSVOA_X
ClientSampleId :
DUP092722



Tgt Ion: 95 Resp: 75660
Ion Ratio Lower Upper
95 100
174 78.0 0.0 153.2
176 76.3 0.0 144.0

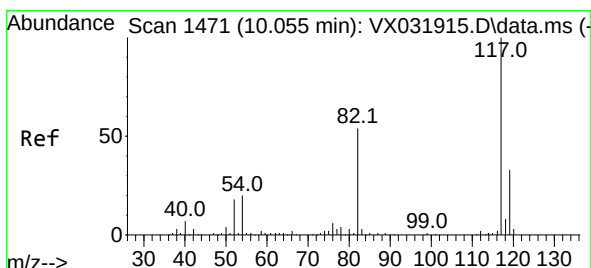
Manual Integrations
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Reviewed By :John
Carlone



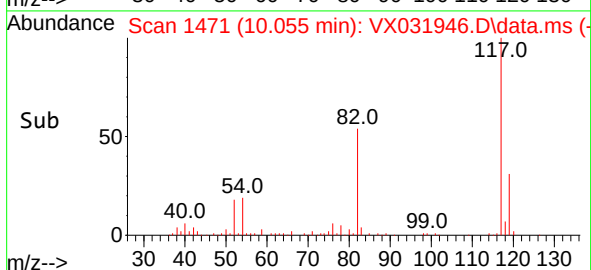
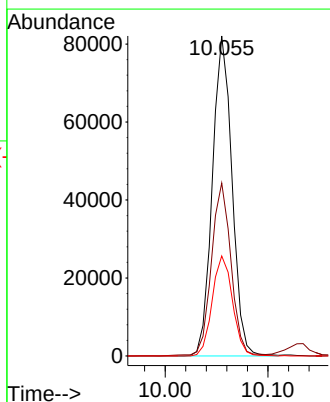
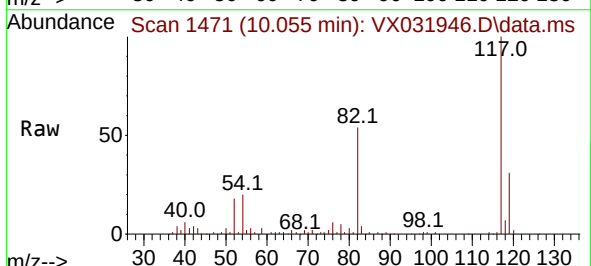
10/07/2022
Supervised By :Mahesh
Dadoda

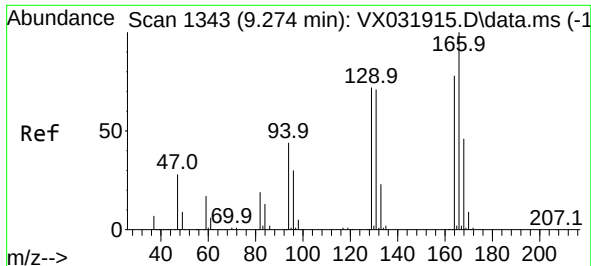
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031946.D
Acq: 07 Oct 2022 02:16

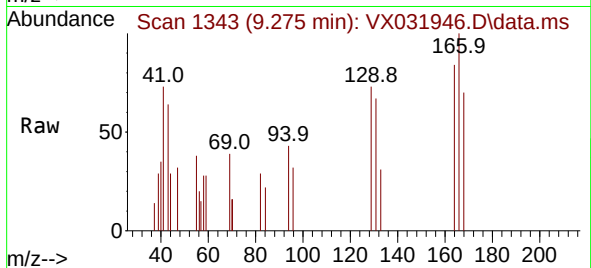
Tgt Ion:117 Resp: 108651
Ion Ratio Lower Upper
117 100
82 53.8 46.8 70.2
119 31.2 26.4 39.6





#64
Tetrachloroethene
Concen: 0.287 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX031946.D
Acq: 07 Oct 2022 02:16

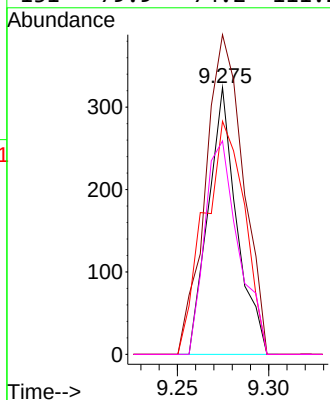
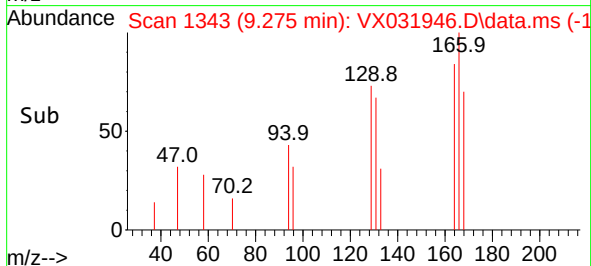
Instrument :
MSVOA_X
ClientSampleId :
DUP092722



Tgt Ion:164 Resp: 352
Ion Ratio Lower Upper
164 100
166 119.8 99.0 148.4
129 87.3 78.0 117.0
131 79.9 74.2 111.2

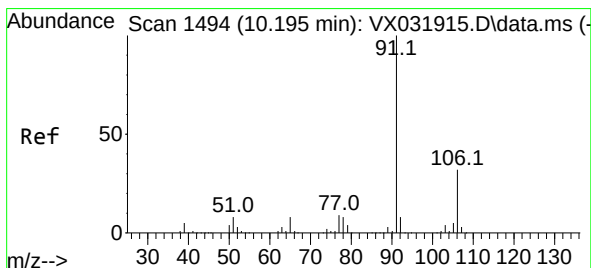
Manual Integrations
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Reviewed By :John
Carlone



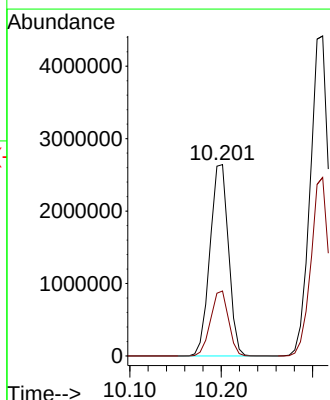
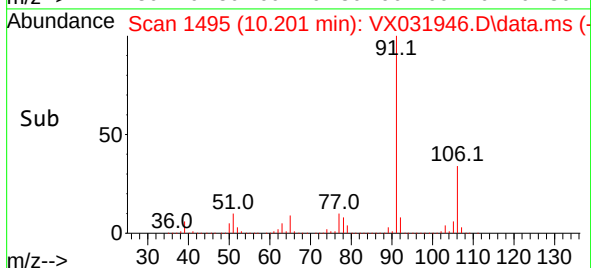
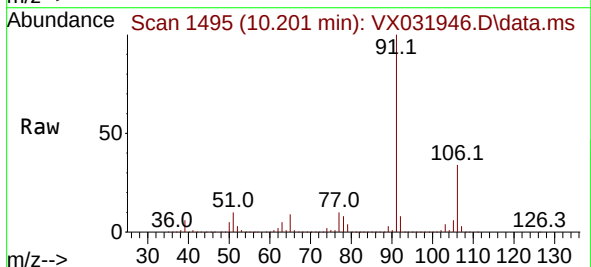
10/07/2022
Supervised By :Mahesh
Dadoda

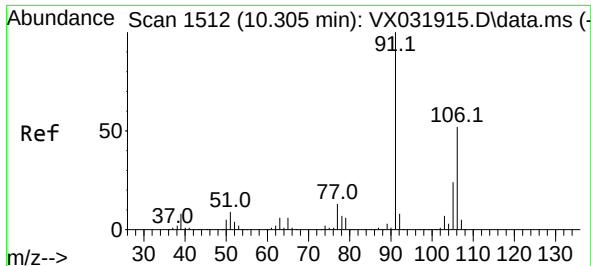
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#67
Ethyl Benzene
Concen: 666.235 ug/l
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX031946.D
Acq: 07 Oct 2022 02:16

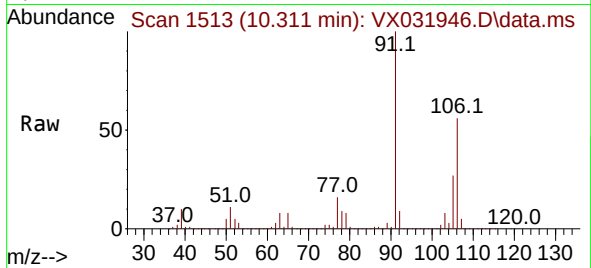
Tgt Ion: 91 Resp: 3710497
Ion Ratio Lower Upper
91 100
106 34.0 25.2 37.8





#68
m/p-Xylenes
Concen: 1484.137 ug/l
RT: 10.311 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX031946.D
Acq: 07 Oct 2022 02:16

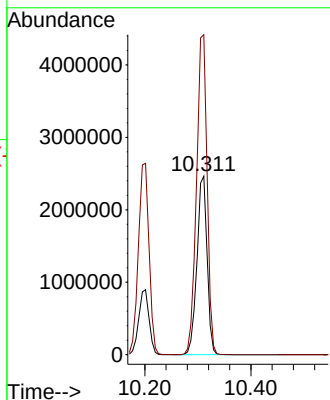
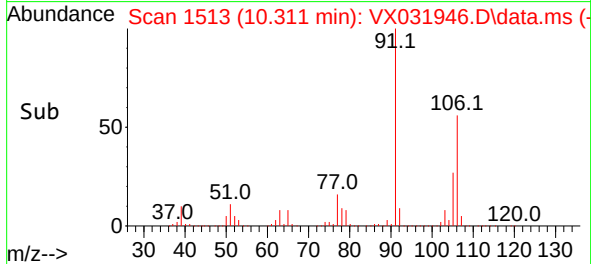
Instrument :
MSVOA_X
ClientSampleId :
DUP092722



Tgt Ion:106 Resp: 328471
Ion Ratio Lower Upper
106 100
91 187.4 161.0 241.4

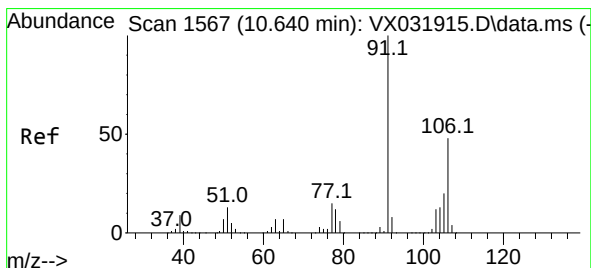
Manual Integrations
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Carlone



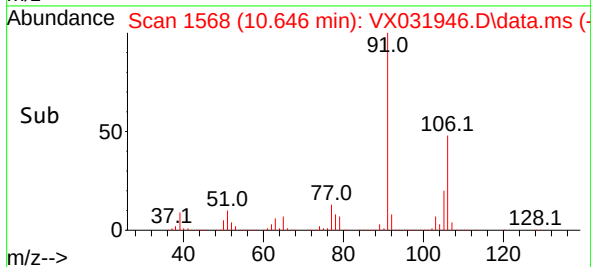
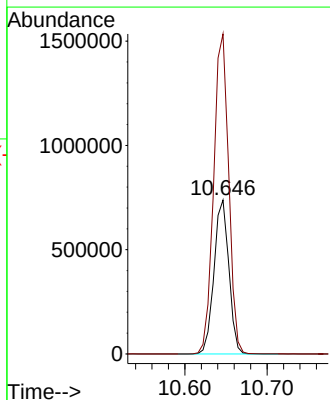
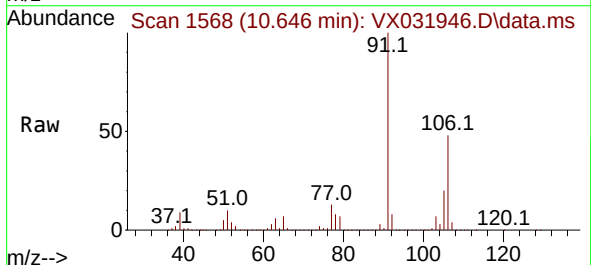
10/07/2022
Supervised By :Mahesh
Dadoda

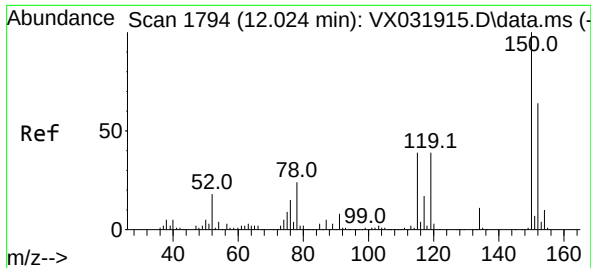
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#69
o-Xylene
Concen: 430.041 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX031946.D
Acq: 07 Oct 2022 02:16

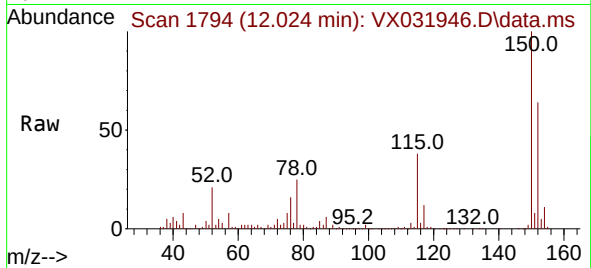
Tgt Ion:106 Resp: 925098
Ion Ratio Lower Upper
106 100
91 210.6 107.2 321.6





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031946.D
Acq: 07 Oct 2022 02:16

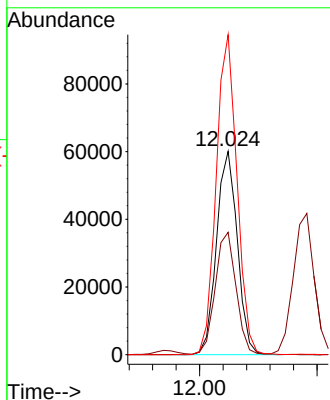
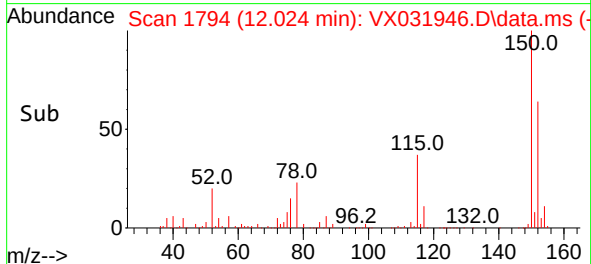
Instrument :
MSVOA_X
ClientSampleId :
DUP092722



Tgt Ion:152 Resp: 7389
Ion Ratio Lower Upper
152 100
115 59.6 43.4 130.1
150 157.0 0.0 346.8

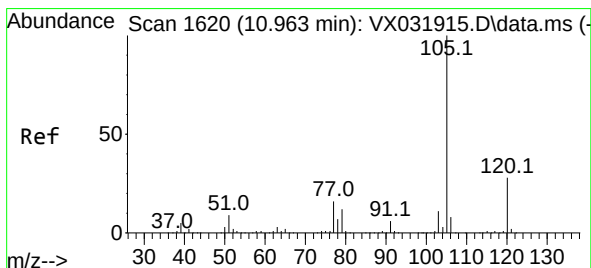
Manual Integrations
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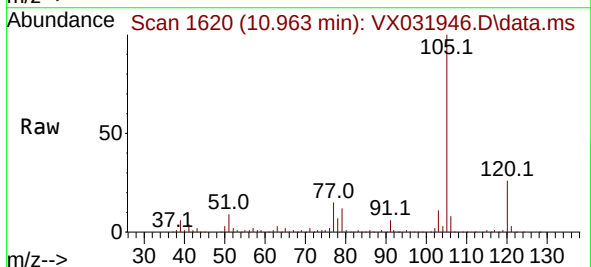


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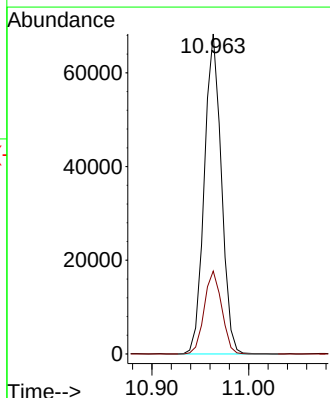
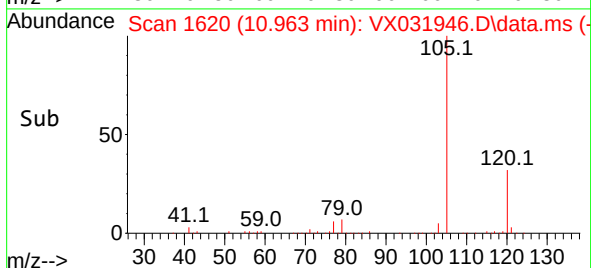
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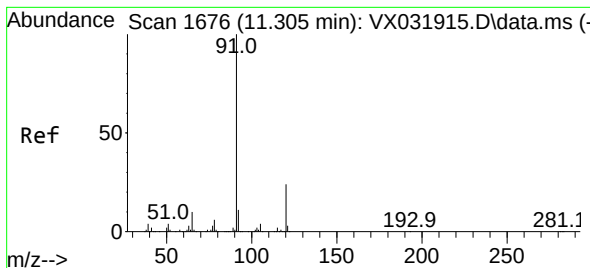


#73
Isopropylbenzene
Concen: 15.040 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX031946.D
Acq: 07 Oct 2022 02:16



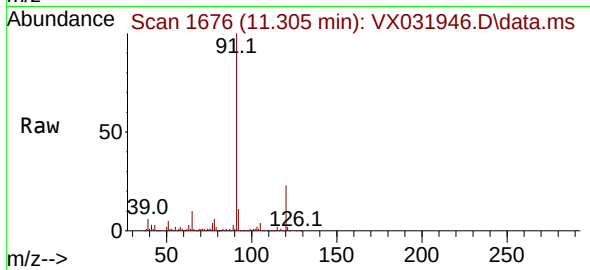
Tgt Ion:105 Resp: 83823
Ion Ratio Lower Upper
105 100
120 26.5 13.7 41.0





#78
n-propylbenzene
Concen: 53.116 ug/l
RT: 11.305 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX031946.D
Acq: 07 Oct 2022 02:16

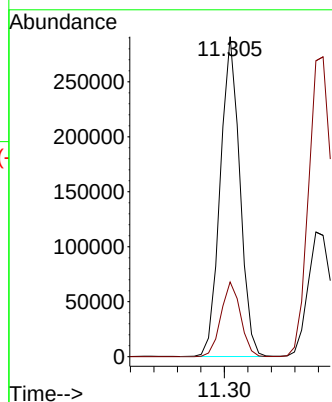
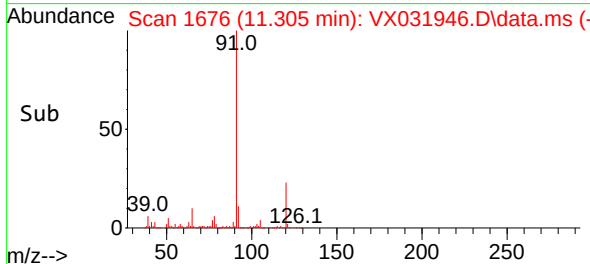
Instrument :
MSVOA_X
ClientSampleId :
DUP092722



Tgt Ion: 91 Resp: 336700
Ion Ratio Lower Upper
91 100
120 23.4 11.8 35.4

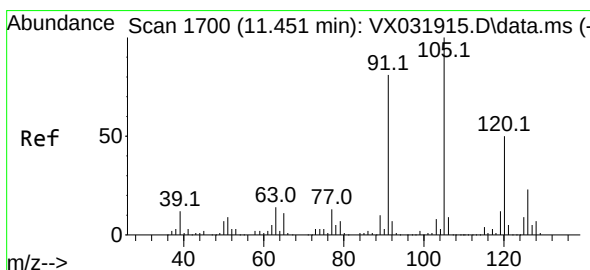
Manual Integrations
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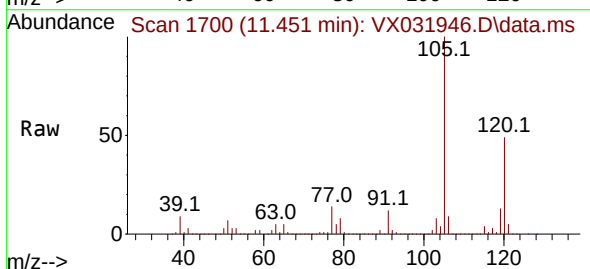


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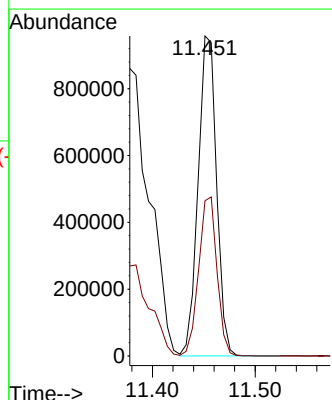
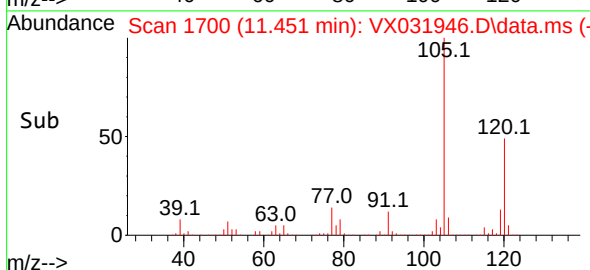
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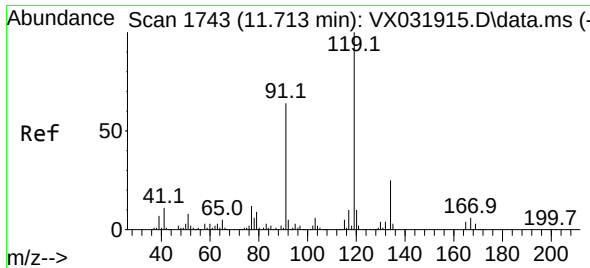


#80
1,3,5-Trimethylbenzene
Concen: 258.782 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX031946.D
Acq: 07 Oct 2022 02:16



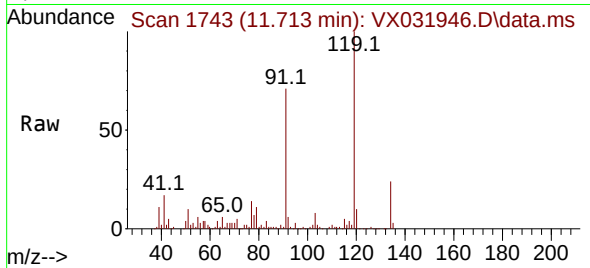
Tgt Ion:105 Resp: 1196161
Ion Ratio Lower Upper
105 100
120 49.4 24.5 73.5





#83
tert-Butylbenzene
Concen: 13.109 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX031946.D
Acq: 07 Oct 2022 02:16

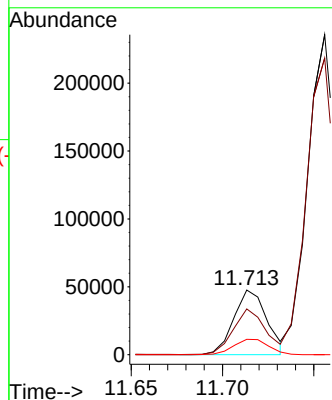
Instrument :
MSVOA_X
ClientSampleId :
DUP092722



Tgt Ion:119 Resp: 59972
Ion Ratio Lower Upper
119 100
91 69.3 29.2 87.6
134 25.3 11.6 34.8

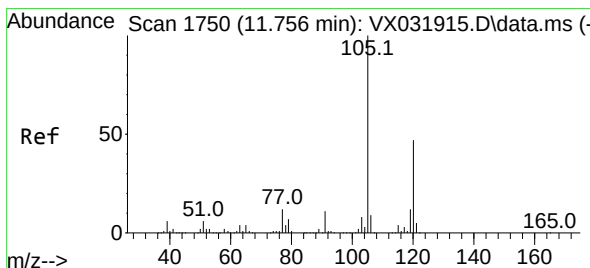
Manual Integrations
APPROVED

Reviewed By :John
Carlone



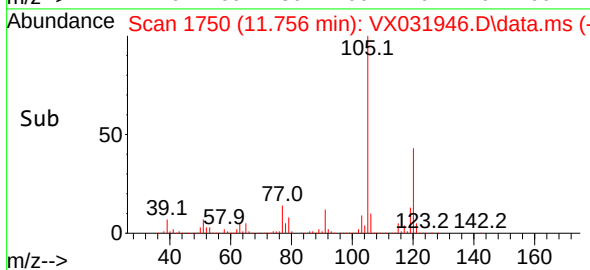
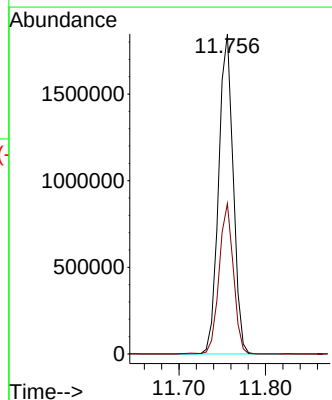
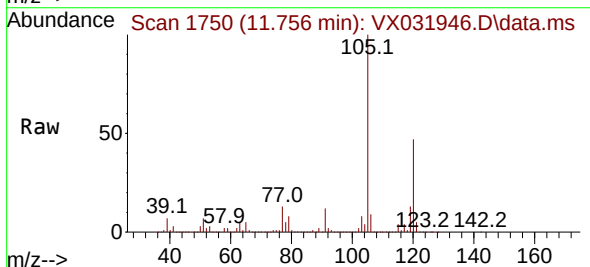
10/07/2022
Supervised By :Mahesh
Dadoda

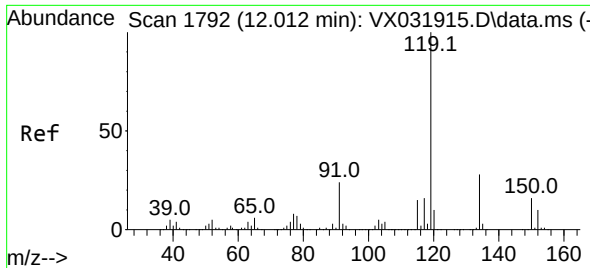
10/07/2022



#84
1,2,4-Trimethylbenzene
Concen: 458.676 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX031946.D
Acq: 07 Oct 2022 02:16

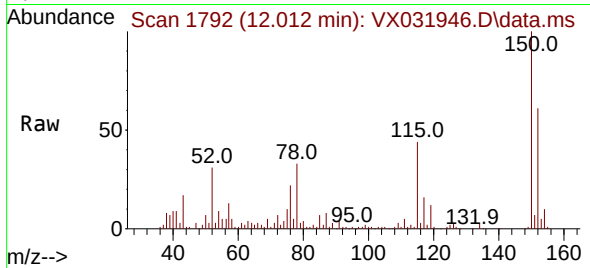
Tgt Ion:105 Resp: 2153772
Ion Ratio Lower Upper
105 100
120 46.3 22.6 67.8





#86
p-Isopropyltoluene
Concen: 1.109 ug/l m
RT: 12.012 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX031946.D
Acq: 07 Oct 2022 02:16

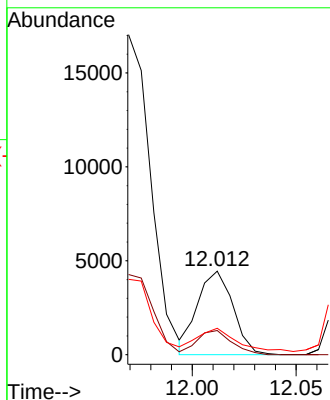
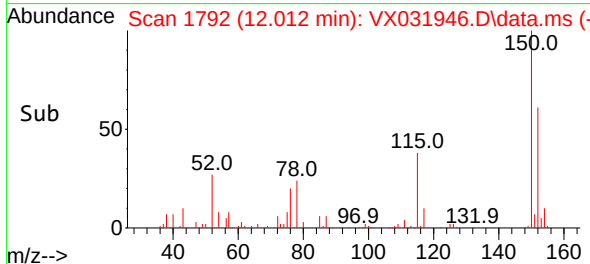
Instrument :
MSVOA_X
ClientSampleId :
DUP092722



Tgt Ion:119 Resp: 528
Ion Ratio Lower Upper
119 100
134 104.5 13.4 40.2
91 0.0 12.4 37.2

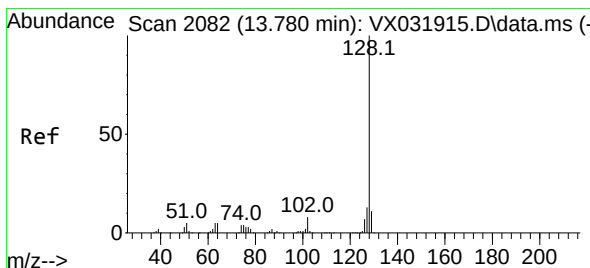
Manual Integrations
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#95
Naphthalene
Concen: 198.713 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX031946.D
Acq: 07 Oct 2022 02:16

Tgt Ion:128 Resp: 1074038
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 11.1 8.8 13.2

