

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112822\
 Data File : VX033086.D
 Acq On : 28 Nov 2022 12:51
 Operator : JC/MD
 Sample : N5747-07DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP112122DL

Quant Time: Nov 29 01:43:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/29/2022
 Supervised By : Mahesh Dadoda 11/29/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	143443	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	226641	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	201622	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	97906	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	74066	53.032	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.060%			
35) Dibromofluoromethane	5.385	113	58526	45.805	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 91.620%			
50) Toluene-d8	8.647	98	198855	51.804	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.600%			
62) 4-Bromofluorobenzene	11.079	95	75134	44.765	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 89.520%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	3.007	59	7535m	34.027	ug/l	
19) Methyl tert-butyl Ether	3.123	73	4838	1.114	ug/l #	77
31) Cyclohexane	5.470	56	4144	1.831	ug/l #	92
39) Methylcyclohexane	7.373	83	2794	1.199	ug/l #	93
40) Benzene	6.044	78	220111	38.426	ug/l	99
52) Toluene	8.720	92	10573	2.806	ug/l	99
67) Ethyl Benzene	10.195	91	183009	25.665	ug/l	99
68) m/p-Xylenes	10.305	106	72736	26.049	ug/l	99
69) o-Xylene	10.640	106	43313	16.032	ug/l	98
73) Isopropylbenzene	10.963	105	12971	1.854	ug/l	99
78) n-propylbenzene	11.305	91	35137	4.393	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	24304	4.135	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	123107	21.007	ug/l	99
89) n-Butylbenzene	12.323	91	3629	0.710	ug/l #	33
95) Naphthalene	13.774	128	58502	9.345	ug/l	100

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

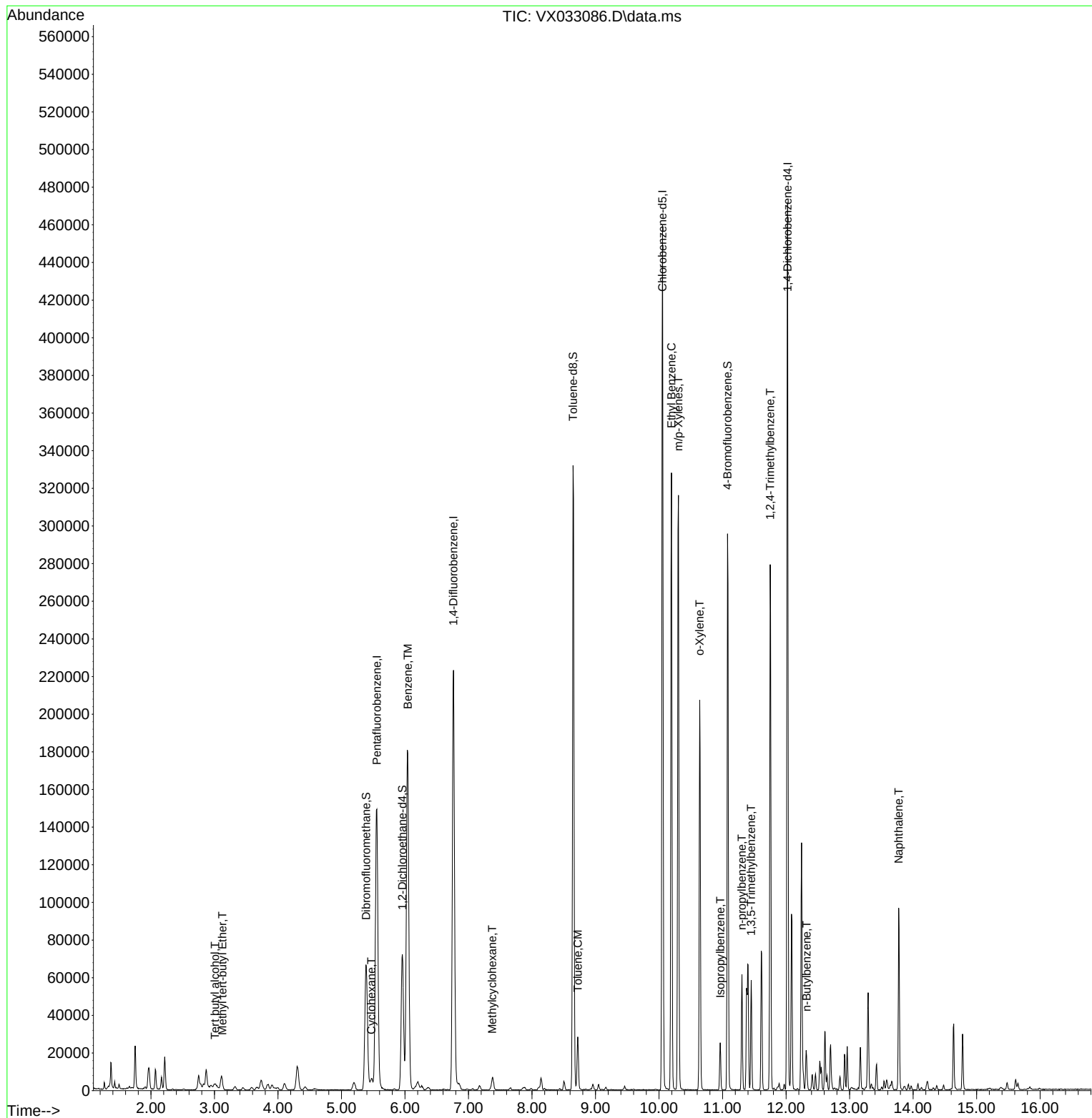
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112822\
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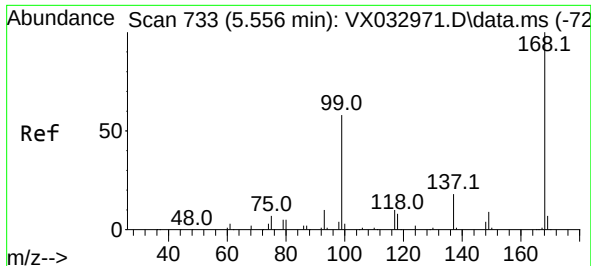
Instrument :
MSVOA_X
ClientSampleId :
DUP112122DL

Quant Time: Nov 29 01:43:16 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
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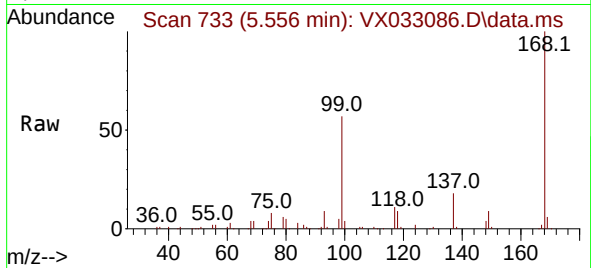
Reviewed By : John Carlone 11/29/2022
Supervised By : Mahesh Dadoda 11/29/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033086.D
Acq: 28 Nov 2022 12:51

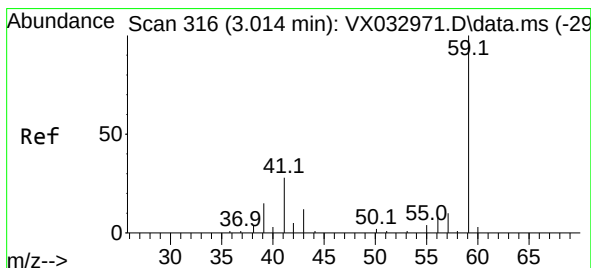
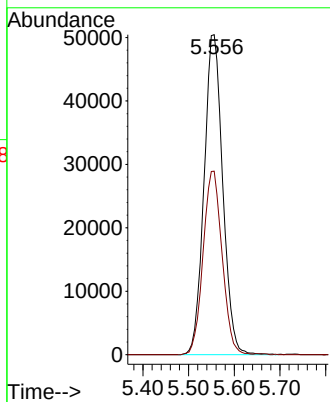
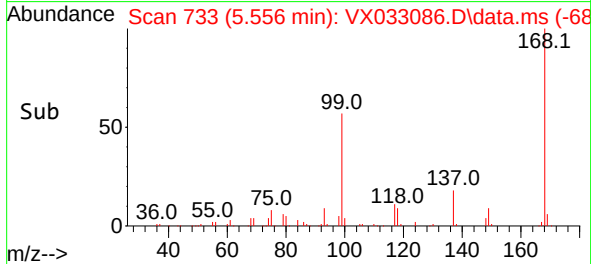
Instrument :
MSVOA_X
ClientSampleId :
DUP112122DL



Tgt Ion:168 Resp: 14344
Ion Ratio Lower Upper
168 100
99 57.4 46.1 69.1

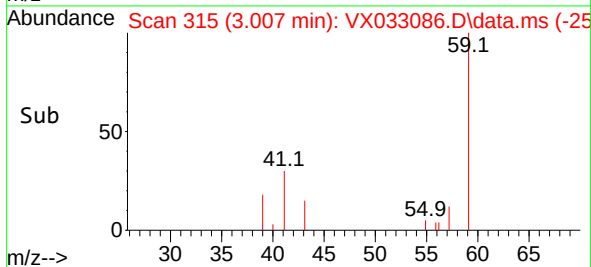
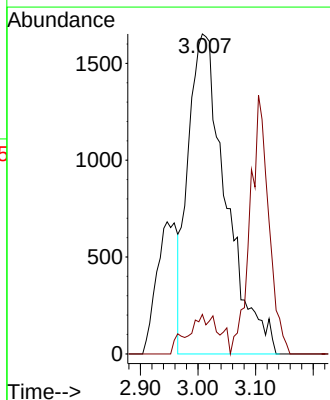
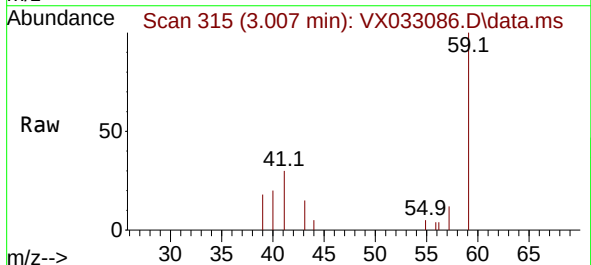
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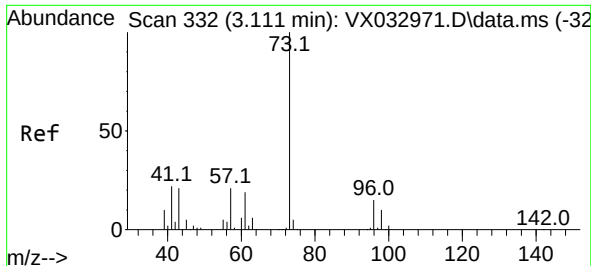
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#11
Tert butyl alcohol
Concen: 34.027 ug/l m
RT: 3.007 min Scan# 315
Delta R.T. 0.042 min
Lab File: VX033086.D
Acq: 28 Nov 2022 12:51

Tgt Ion: 59 Resp: 7535
Ion Ratio Lower Upper
59 100
57 1.7 8.2 12.4#





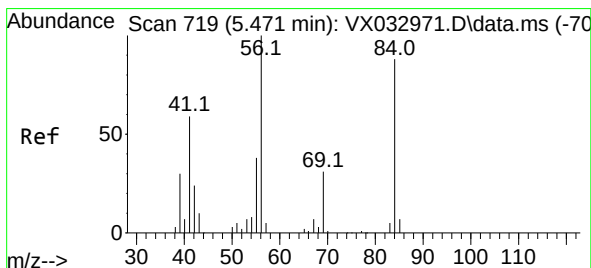
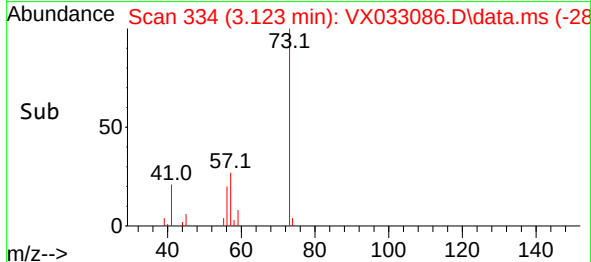
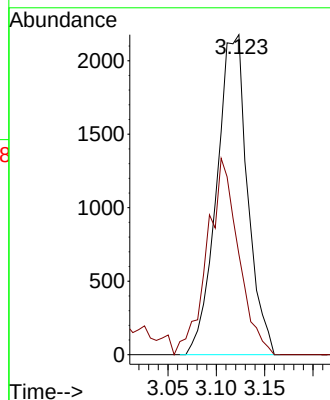
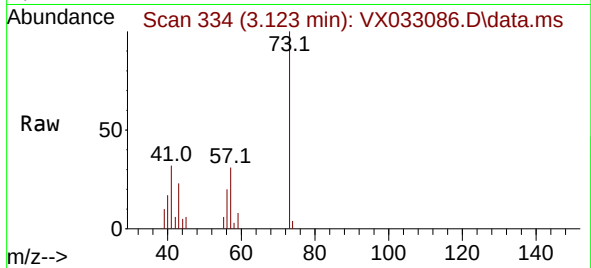
#19
Methyl tert-butyl Ether
Concen: 1.114 ug/l
RT: 3.123 min Scan# 31
Delta R.T. 0.012 min
Lab File: VX033086.D
Acq: 28 Nov 2022 12:51

Instrument :
MSVOA_X
ClientSampleId :
DUP112122DL

Tgt Ion: 73 Resp: 4838
Ion Ratio Lower Upper
73 100
57 31.4 16.6 25.0

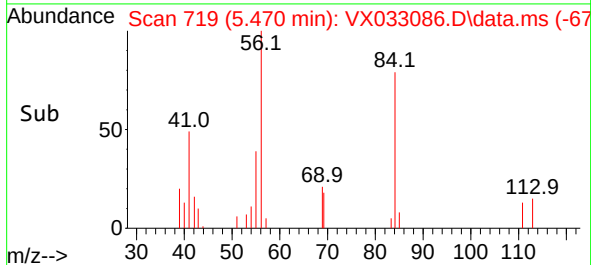
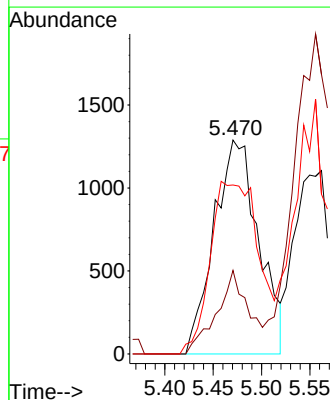
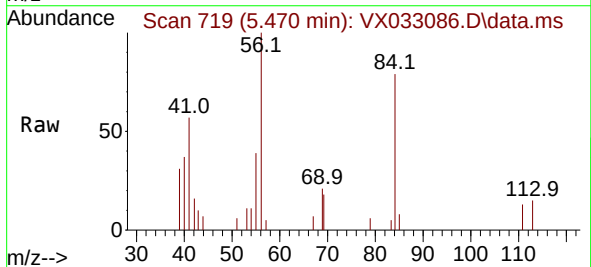
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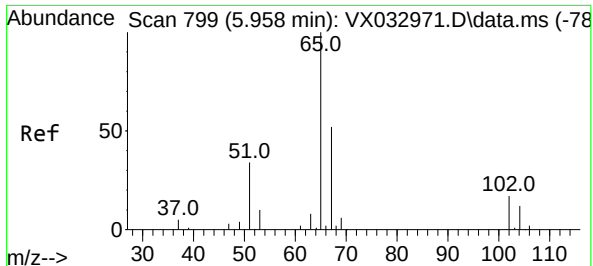
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#31
Cyclohexane
Concen: 1.831 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX033086.D
Acq: 28 Nov 2022 12:51

Tgt Ion: 56 Resp: 4144
Ion Ratio Lower Upper
56 100
69 39.0 24.1 36.1
84 79.0 66.9 100.3





#33

1,2-Dichloroethane-d4

Concen: 53.032 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033086.D

Acq: 28 Nov 2022 12:51

Instrument :

MSVOA_X

ClientSampleId :

DUP112122DL

Tgt Ion: 65 Resp: 7406

Ion Ratio Lower Upper

65 100

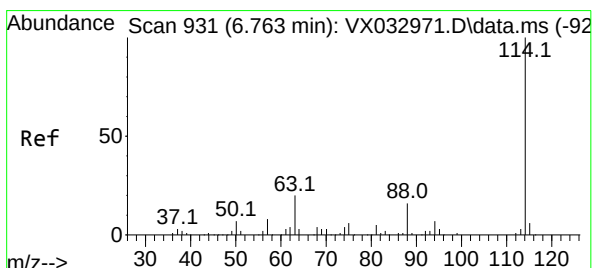
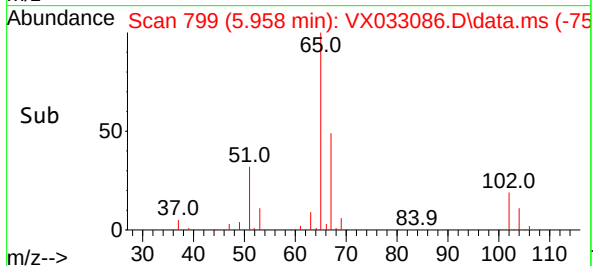
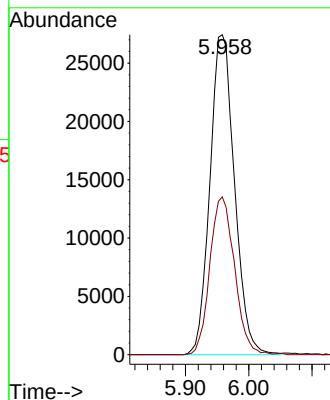
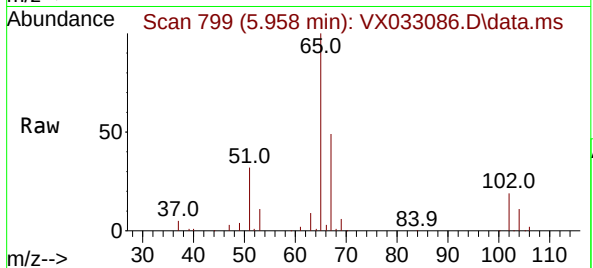
67 49.5 0.0 101.8

Manual Integrations

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Supervised By :Mahesh Dadoda 11/29/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX033086.D

Acq: 28 Nov 2022 12:51

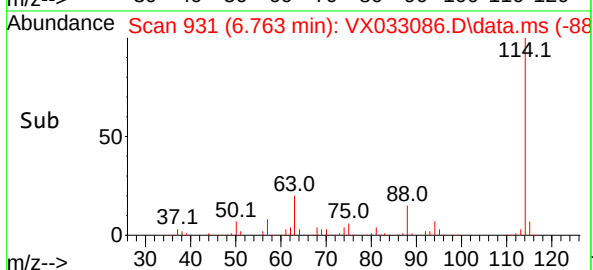
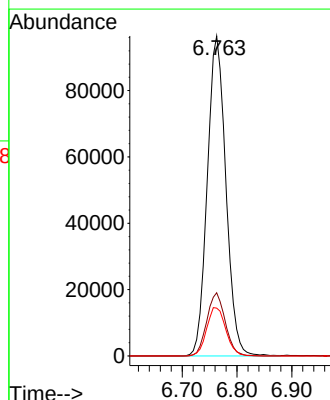
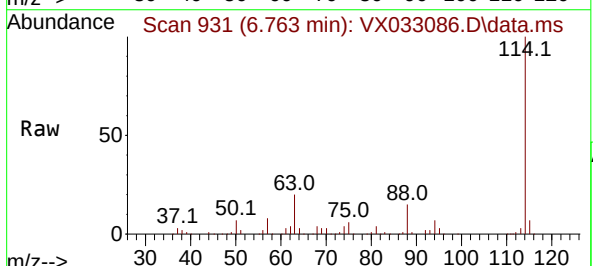
Tgt Ion:114 Resp: 226641

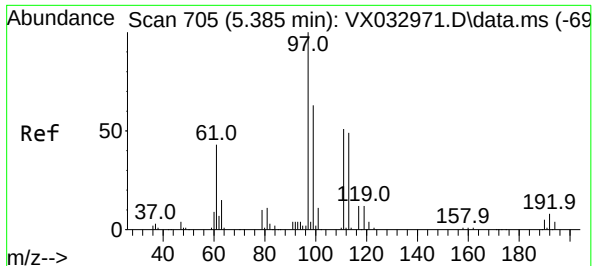
Ion Ratio Lower Upper

114 100

63 19.7 0.0 41.6

88 14.9 0.0 33.4





#35

Dibromofluoromethane

Concen: 45.805 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX033086.D

Acq: 28 Nov 2022 12:51

Instrument :

MSVOA_X

ClientSampleId :

DUP112122DL

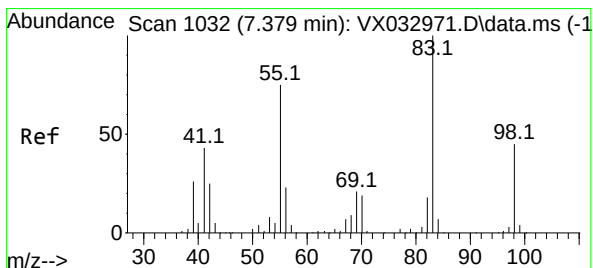
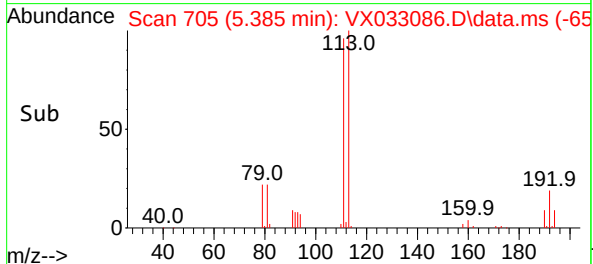
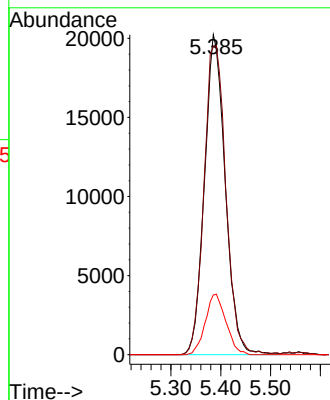
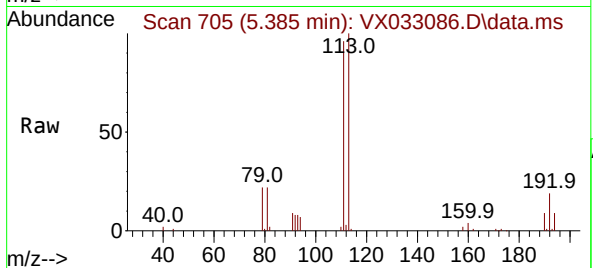
Tgt Ion:	113	Resp:	58520
Ion Ratio	Lower	Upper	
113	100		
111	101.8	82.4	123.6
192	18.8	15.4	23.2

Manual Integrations

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Reviewed By :John Carlone 11/29/2022

Supervised By :Mahesh Dadoda 11/29/2022



#39

Methylcyclohexane

Concen: 1.199 ug/l

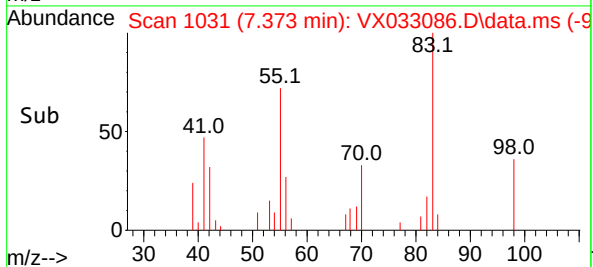
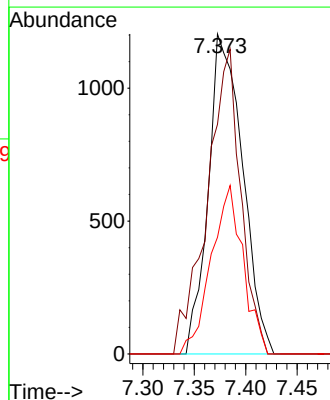
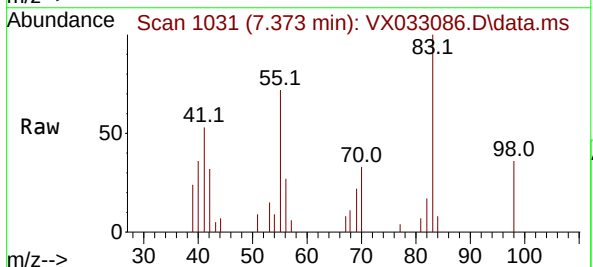
RT: 7.373 min Scan# 1031

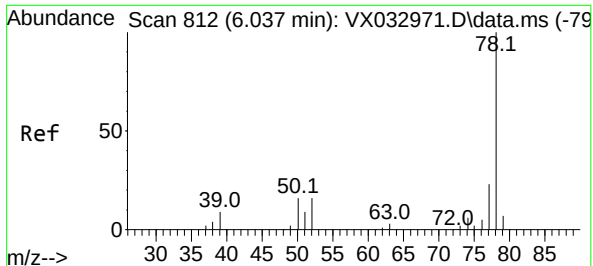
Delta R.T. -0.012 min

Lab File: VX033086.D

Acq: 28 Nov 2022 12:51

Tgt Ion:	83	Resp:	2794
Ion Ratio	Lower	Upper	
83	100		
55	71.8	58.4	87.6
98	36.5	37.2	55.8





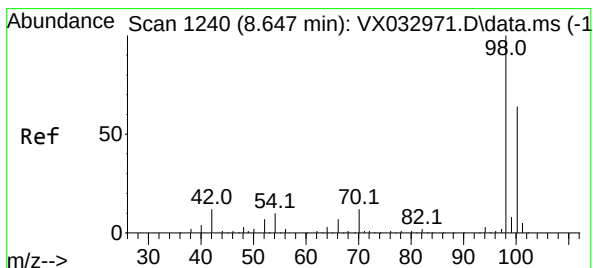
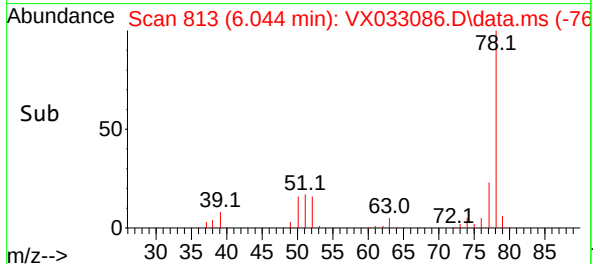
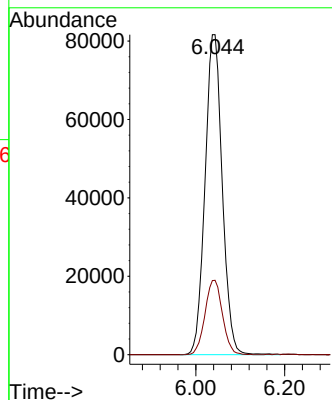
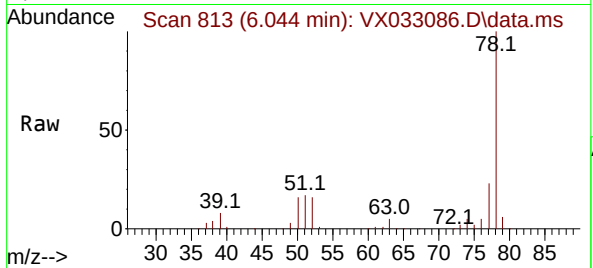
#40
Benzene
Concen: 38.426 ug/l
RT: 6.044 min Scan# 812
Delta R.T. 0.007 min
Lab File: VX033086.D
Acq: 28 Nov 2022 12:51

Instrument :
MSVOA_X
ClientSampleId :
DUP112122DL

Tgt Ion: 78 Resp: 22011
Ion Ratio Lower Upper
78 100
77 23.2 19.0 28.4

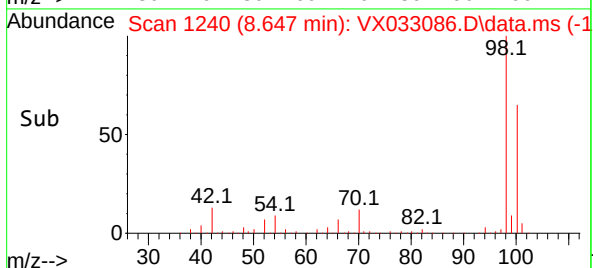
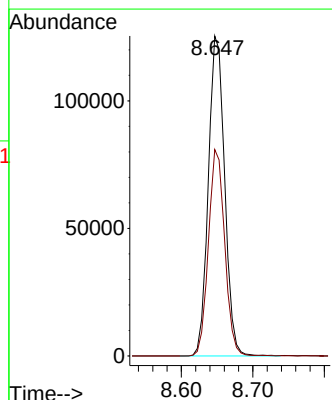
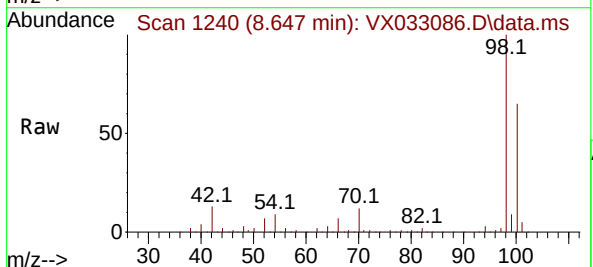
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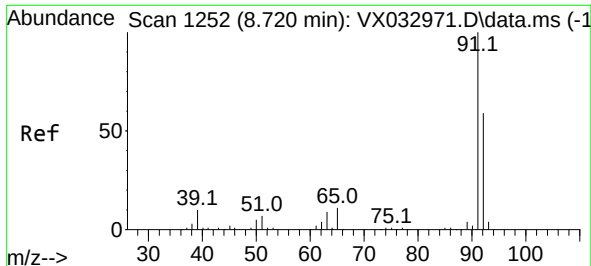
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#50
Toluene-d8
Concen: 51.804 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX033086.D
Acq: 28 Nov 2022 12:51

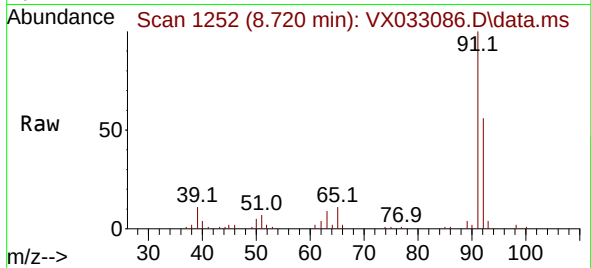
Tgt Ion: 98 Resp: 198855
Ion Ratio Lower Upper
98 100
100 64.3 50.9 76.3





#52
Toluene
Concen: 2.806 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033086.D
Acq: 28 Nov 2022 12:51

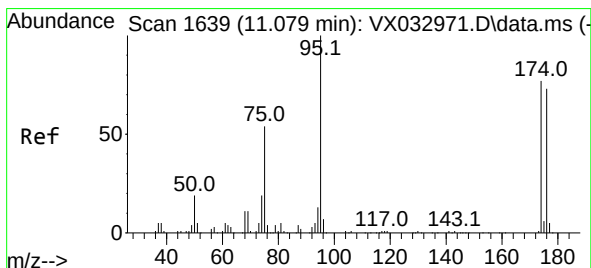
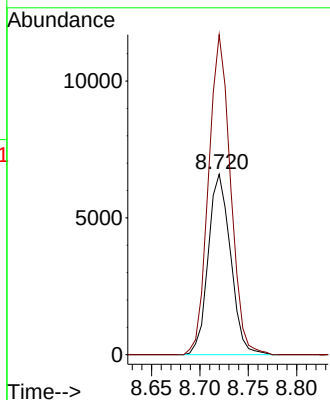
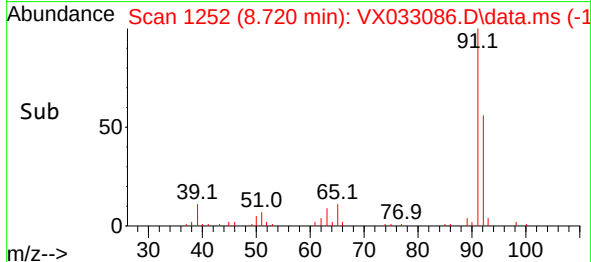
Instrument :
MSVOA_X
ClientSampleId :
DUP112122DL



Tgt Ion: 92 Resp: 1057
Ion Ratio Lower Upper
92 100
91 174.8 138.3 207.5

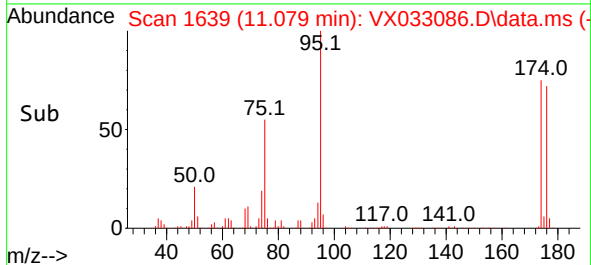
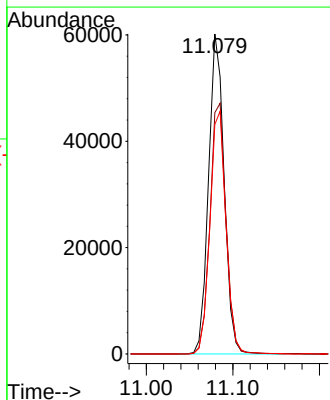
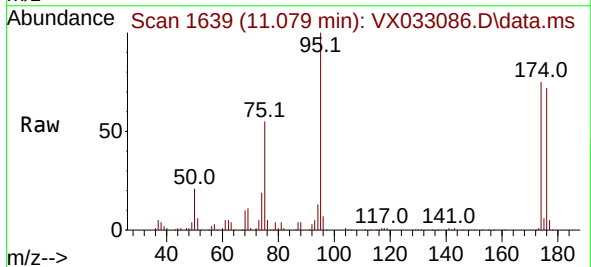
Manual Integrations
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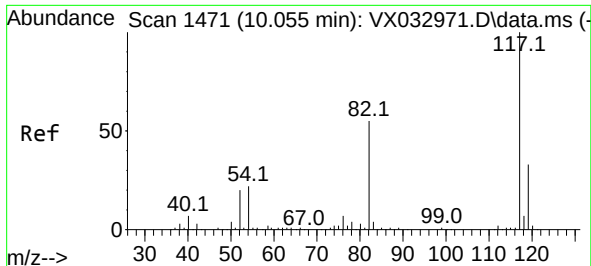
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#62
4-Bromofluorobenzene
Concen: 44.765 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033086.D
Acq: 28 Nov 2022 12:51

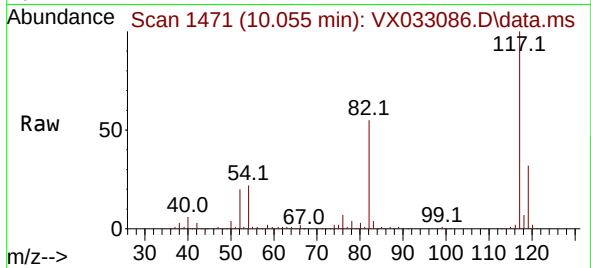
Tgt Ion: 95 Resp: 75134
Ion Ratio Lower Upper
95 100
174 81.0 0.0 164.0
176 78.3 0.0 154.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033086.D
Acq: 28 Nov 2022 12:51

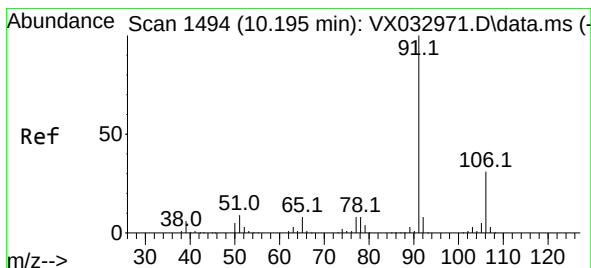
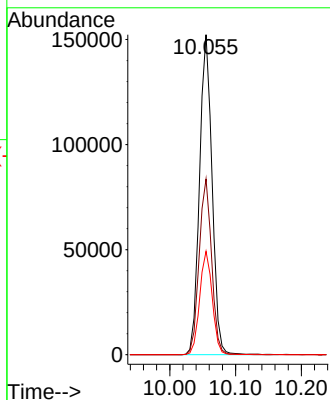
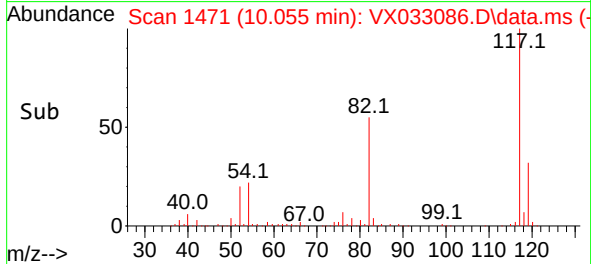
Instrument :
MSVOA_X
ClientSampleId :
DUP112122DL



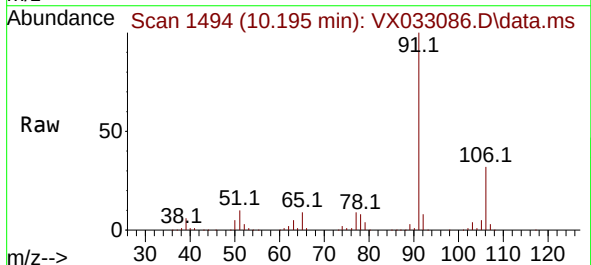
Tgt Ion: 117 Resp: 20162
Ion Ratio Lower Upper
117 100
82 54.9 44.3 66.5
119 32.3 25.7 38.5

Manual Integrations
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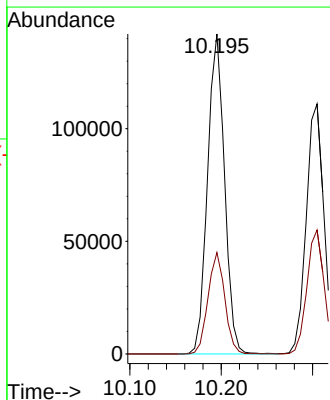
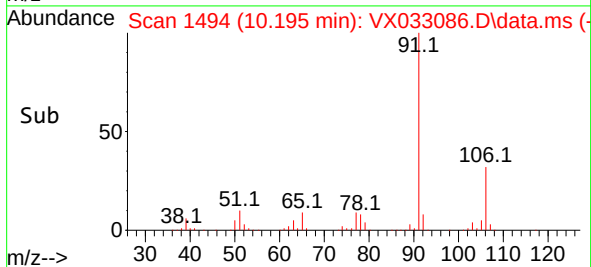
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022

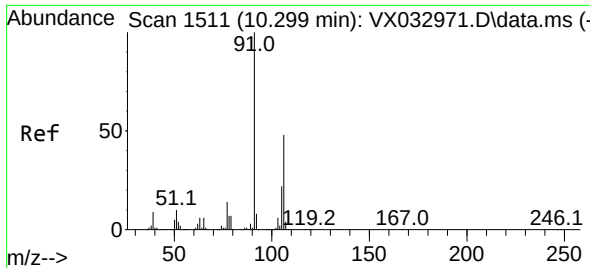


#67
Ethyl Benzene
Concen: 25.665 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033086.D
Acq: 28 Nov 2022 12:51



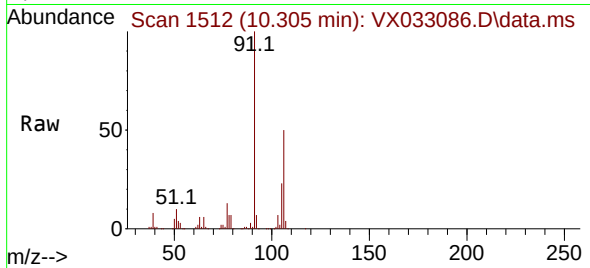
Tgt Ion: 91 Resp: 183009
Ion Ratio Lower Upper
91 100
106 31.7 25.0 37.6





#68
m/p-Xylenes
Concen: 26.049 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX033086.D
Acq: 28 Nov 2022 12:51

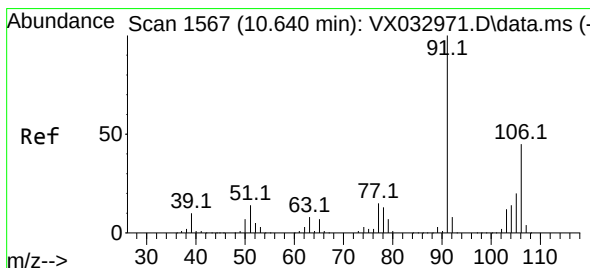
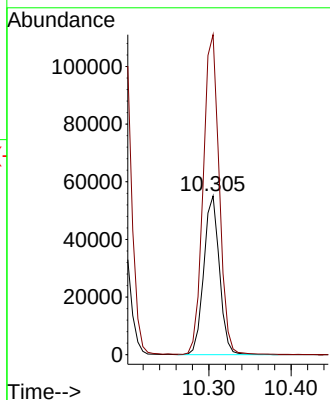
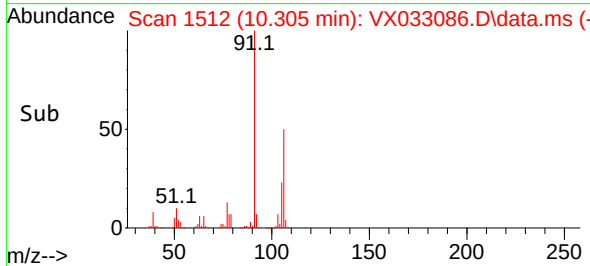
Instrument :
MSVOA_X
ClientSampleId :
DUP112122DL



Tgt Ion:106 Resp: 72730
Ion Ratio Lower Upper
106 100
91 207.3 164.5 246.7

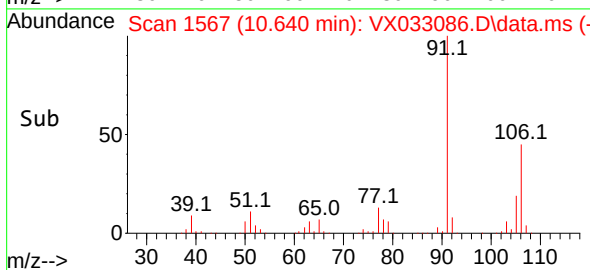
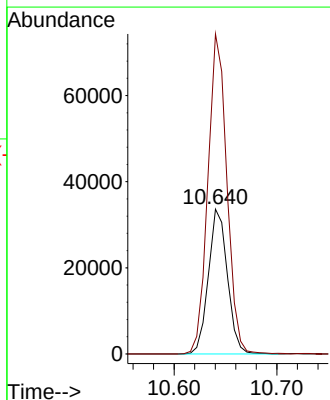
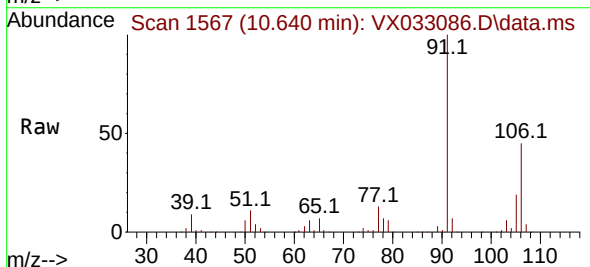
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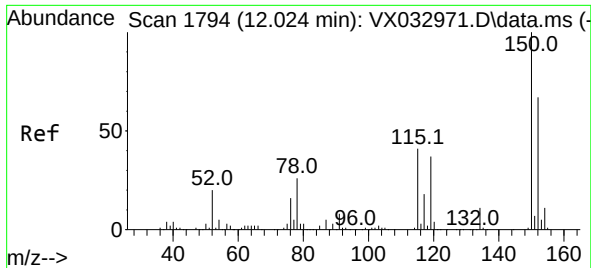
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#69
o-Xylene
Concen: 16.032 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX033086.D
Acq: 28 Nov 2022 12:51

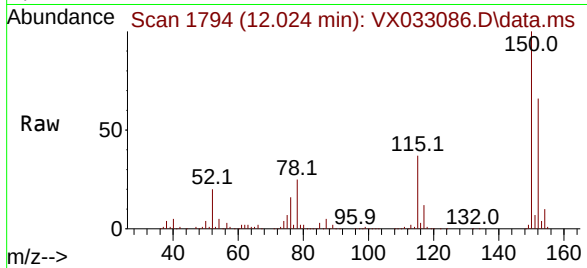
Tgt Ion:106 Resp: 43313
Ion Ratio Lower Upper
106 100
91 220.8 109.2 327.6





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033086.D
Acq: 28 Nov 2022 12:51

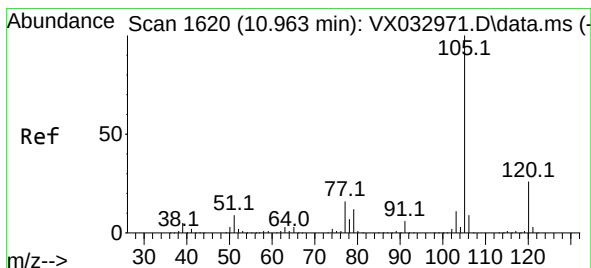
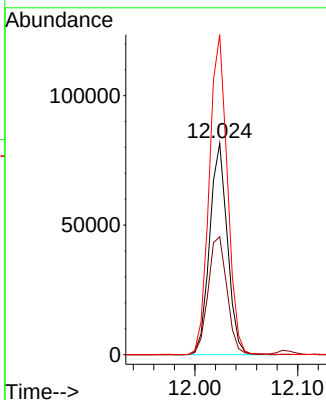
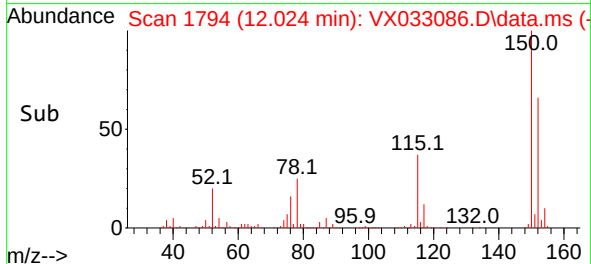
Instrument :
MSVOA_X
ClientSampleId :
DUP112122DL



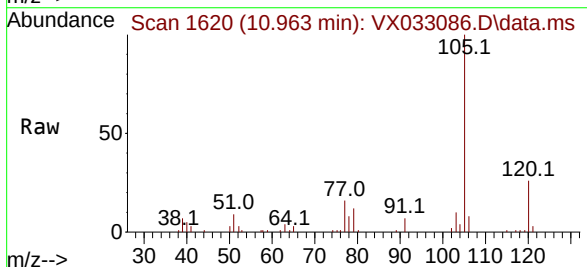
Tgt Ion:152 Resp: 97900
Ion Ratio Lower Upper
152 100
115 59.5 44.0 132.0
150 154.7 0.0 351.8

Manual Integrations
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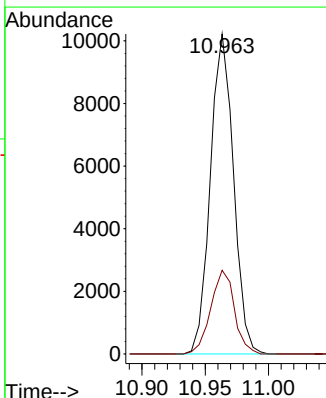
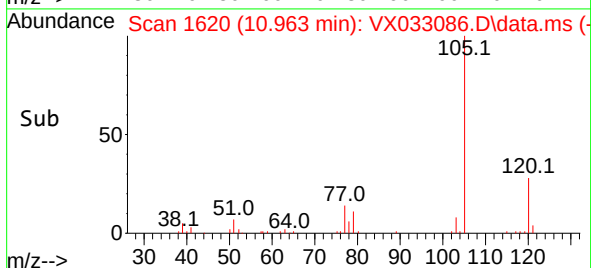
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022

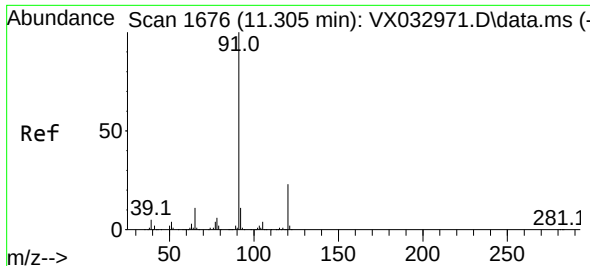


#73
Isopropylbenzene
Concen: 1.854 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX033086.D
Acq: 28 Nov 2022 12:51



Tgt Ion:105 Resp: 12971
Ion Ratio Lower Upper
105 100
120 26.7 13.1 39.3





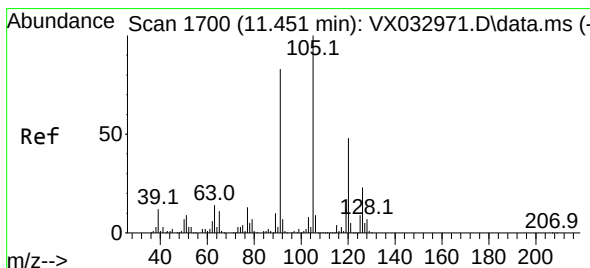
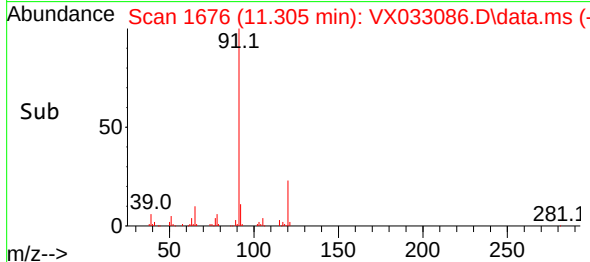
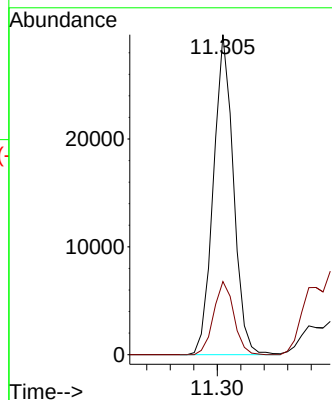
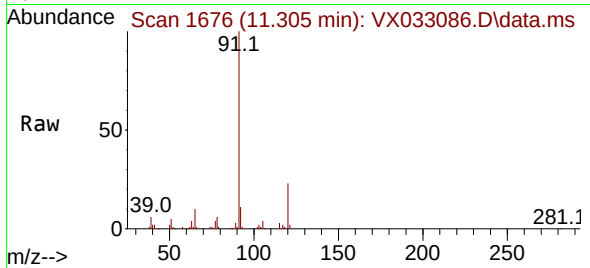
#78
n-propylbenzene
Concen: 4.393 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX033086.D
Acq: 28 Nov 2022 12:51

Instrument :
MSVOA_X
ClientSampleId :
DUP112122DL

Tgt Ion: 91 Resp: 3513
Ion Ratio Lower Upper
91 100
120 23.0 11.6 34.8

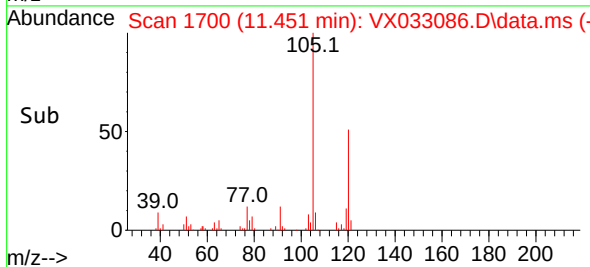
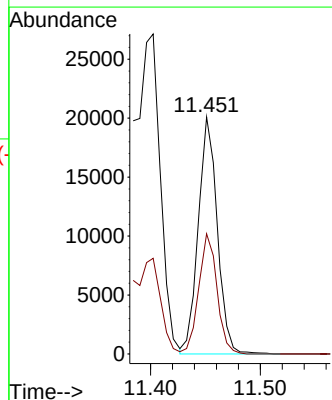
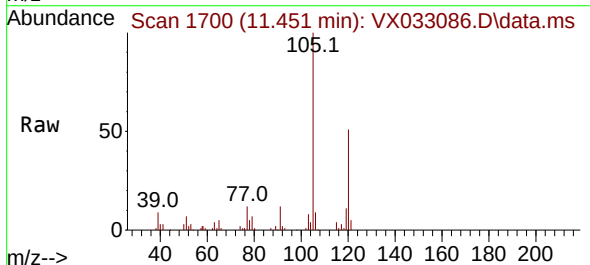
Manual Integrations
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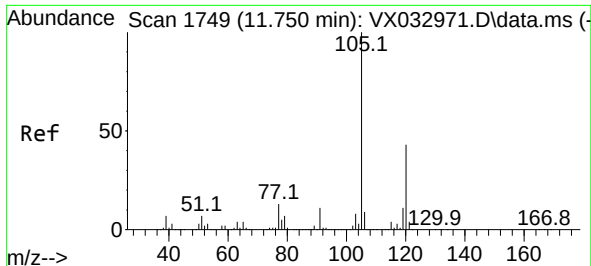
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#80
1,3,5-Trimethylbenzene
Concen: 4.135 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX033086.D
Acq: 28 Nov 2022 12:51

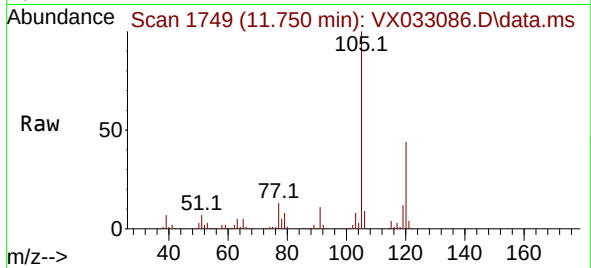
Tgt Ion:105 Resp: 24304
Ion Ratio Lower Upper
105 100
120 48.6 23.6 71.0





#84
1,2,4-Trimethylbenzene
Concen: 21.007 ug/l
RT: 11.750 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033086.D
Acq: 28 Nov 2022 12:51

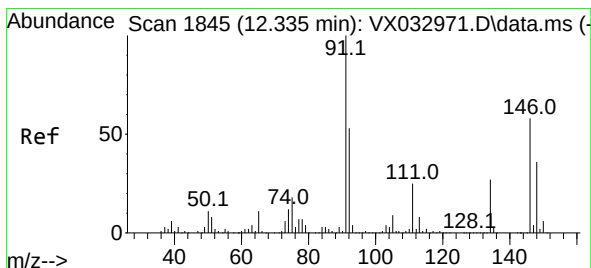
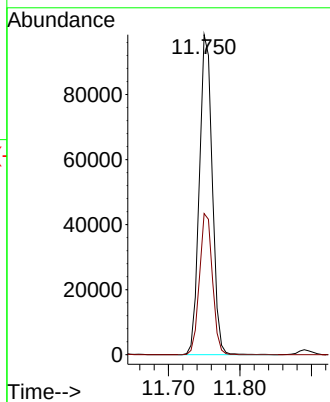
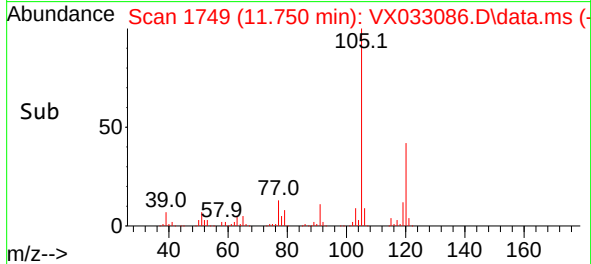
Instrument :
MSVOA_X
ClientSampleId :
DUP112122DL



Tgt Ion:105 Resp: 12310
Ion Ratio Lower Upper
105 100
120 44.4 21.9 65.5

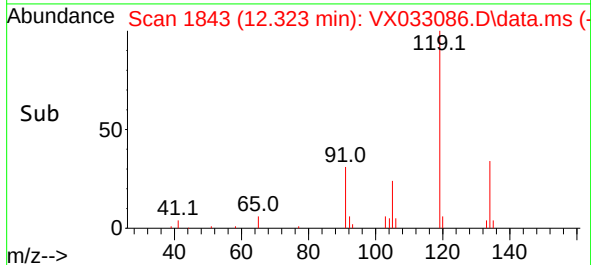
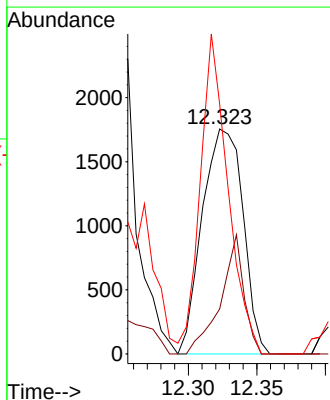
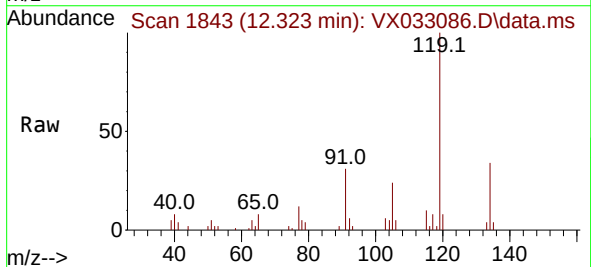
Manual Integrations
APPROVED

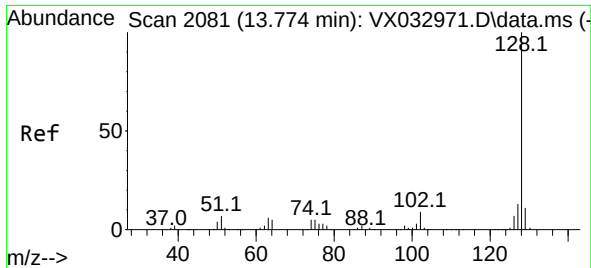
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#89
n-Butylbenzene
Concen: 0.710 ug/l
RT: 12.323 min Scan# 1843
Delta R.T. -0.012 min
Lab File: VX033086.D
Acq: 28 Nov 2022 12:51

Tgt Ion: 91 Resp: 3629
Ion Ratio Lower Upper
91 100
92 30.3 26.2 78.6
134 96.6 12.9 38.6#





#95

Naphthalene

Concen: 9.345 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.006 min

Lab File: VX033086.D

Acq: 28 Nov 2022 12:51

Instrument :

MSVOA_X

ClientSampleId :

DUP112122DL

Tgt Ion:128 Resp: 58502

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

129 10.9 8.9 13.3

Manual Integrations

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Reviewed By :John Carlone 11/29/2022

Supervised By :Mahesh Dadoda 11/29/2022

