

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120321\
 Data File : VX025481.D
 Acq On : 03 Dec 2021 14:45
 Operator : JC/MD
 Sample : M4918-02DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-38DL

Quant Time: Dec 04 06:50:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 15:36:16 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/04/2021
 Supervised By : Mahesh Dadoda 12/06/2021

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	103282	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	173711	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	155057	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	69303	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	61804	56.771	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 113.540%			
35) Dibromofluoromethane	5.391	113	54112	50.770	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.540%			
50) Toluene-d8	8.653	98	200998	50.157	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.320%			
62) 4-Bromofluorobenzene	11.079	95	69117	45.591	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 91.180%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.965	59	15826	51.675	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	7748	2.323	ug/l #	82
22) Diisopropyl ether	3.764	45	1512	0.458	ug/l #	72
31) Cyclohexane	5.477	56	4418	2.626	ug/l	96
39) Methylcyclohexane	7.385	83	2475	1.273	ug/l	88
40) Benzene	6.044	78	345253	75.201	ug/l	100
52) Toluene	8.720	92	17219	5.745	ug/l	98
67) Ethyl Benzene	10.195	91	208541	38.191	ug/l	97
68) m/p-Xylenes	10.305	106	116145	52.075	ug/l	93
69) o-Xylene	10.646	106	71181	32.608	ug/l	92
73) Isopropylbenzene	10.963	105	12783	2.588	ug/l	97
78) n-propylbenzene	11.305	91	32784	5.913	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	28276	6.811	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	134087	32.677	ug/l	95
85) sec-Butylbenzene	11.896	105	1630m	0.318	ug/l	
89) n-Butylbenzene	12.329	91	2825	0.760	ug/l #	14
95) Naphthalene	13.780	128	53782	11.210	ug/l	99

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

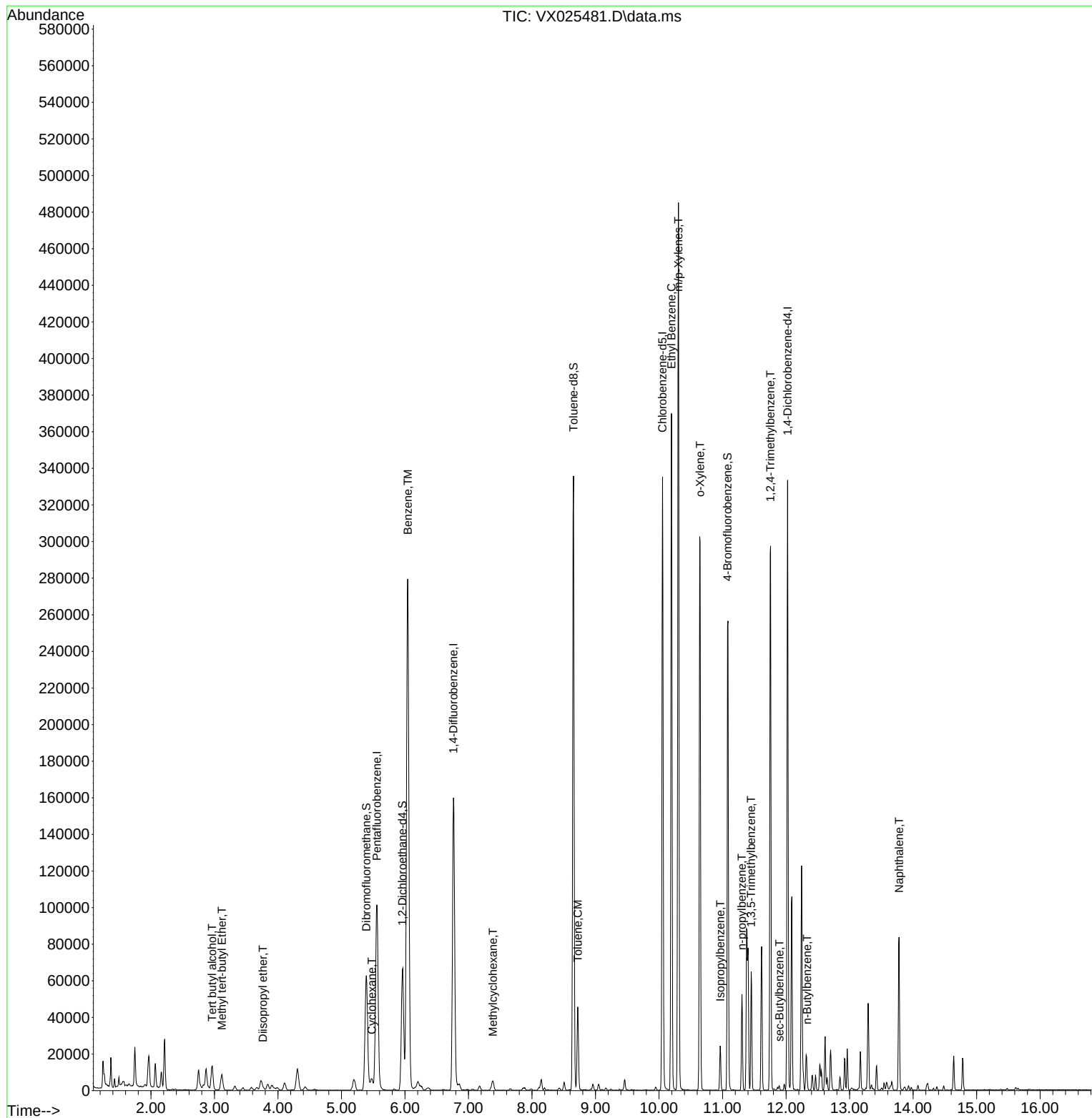
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120321\
Data File : VX025481.D
Acq On : 03 Dec 2021 14:45
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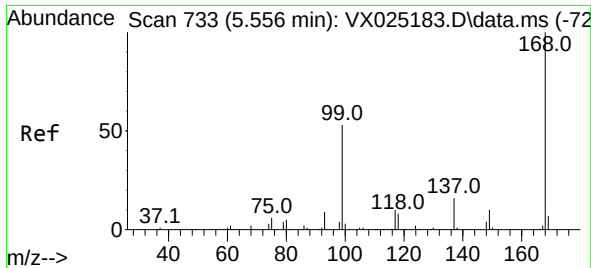
Instrument :
MSVOA_X
ClientSampleId :
MW-38DL

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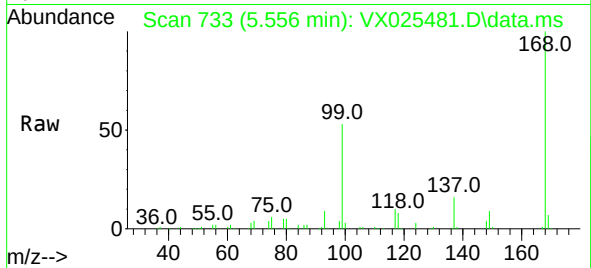
Quant Time: Dec 04 06:50:00 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 17 15:36:16 2021
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.000 min
Lab File: VX025481.D
Acq: 03 Dec 2021 14:45

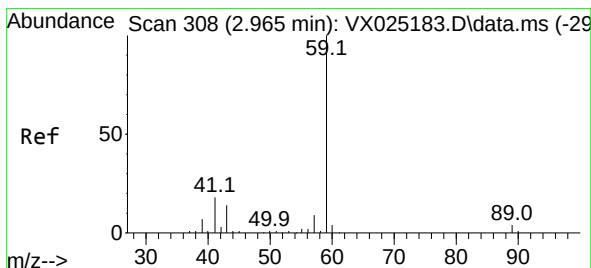
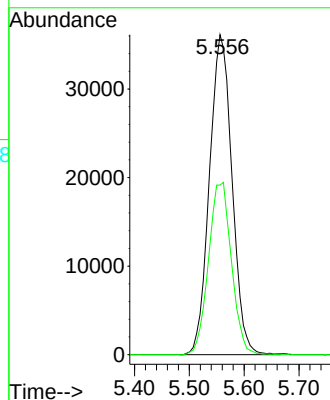
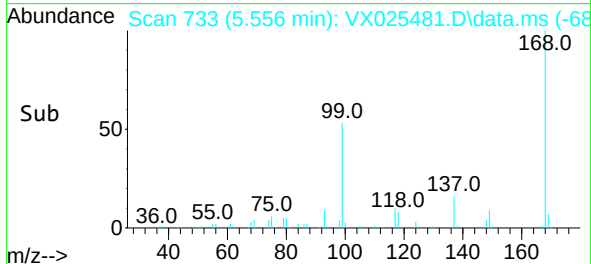
Instrument :
MSVOA_X
ClientSampleId :
MW-38DL



Tgt Ion:168 Resp: 10328
Ion Ratio Lower Upper
168 100
99 53.0 46.4 69.6

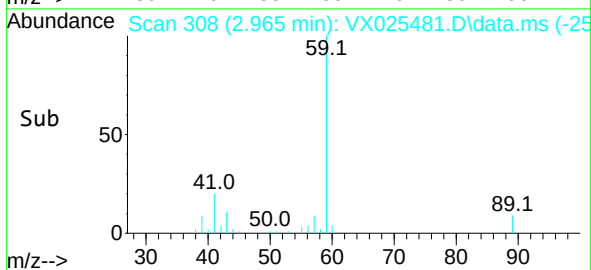
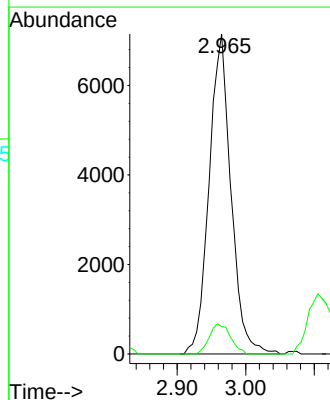
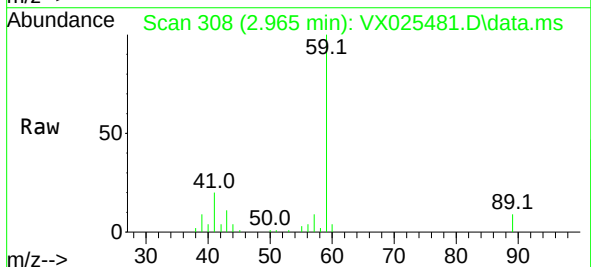
Manual Integrations
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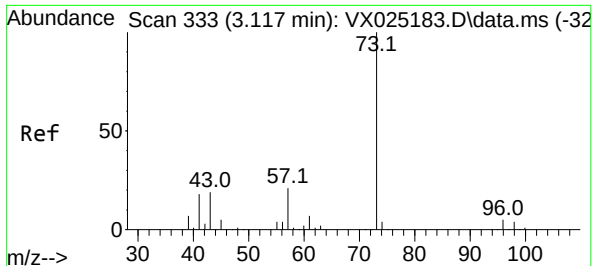
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#11
Tert butyl alcohol
Concen: 51.675 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.000 min
Lab File: VX025481.D
Acq: 03 Dec 2021 14:45

Tgt Ion: 59 Resp: 15826
Ion Ratio Lower Upper
59 100
57 9.1 8.5 12.7





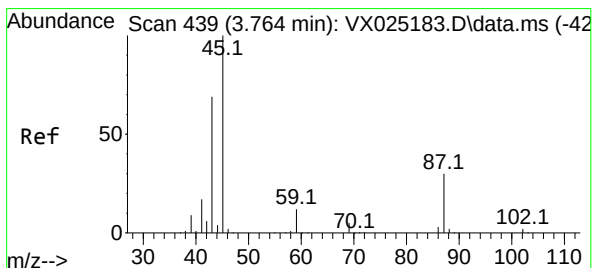
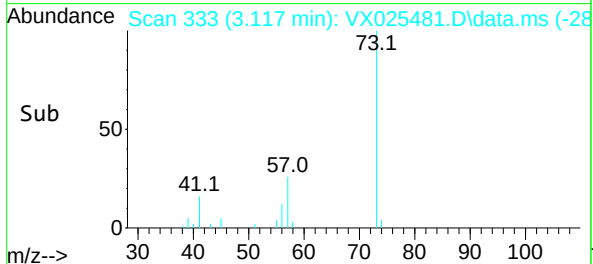
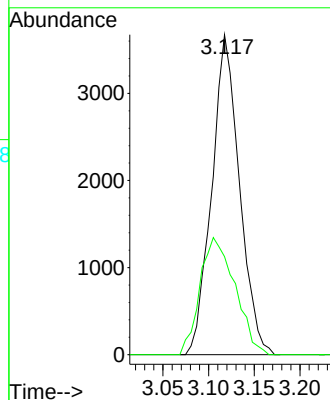
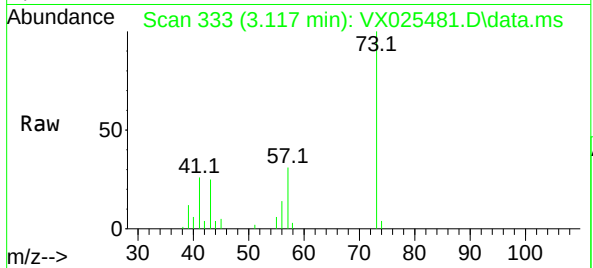
#19
Methyl tert-butyl Ether
Concen: 2.323 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX025481.D
Acq: 03 Dec 2021 14:45

Instrument :
MSVOA_X
ClientSampleId :
MW-38DL

Tgt Ion: 73 Resp: 7748
Ion Ratio Lower Upper
73 100
57 30.6 17.5 26.3

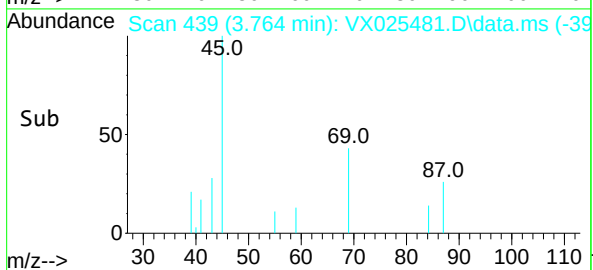
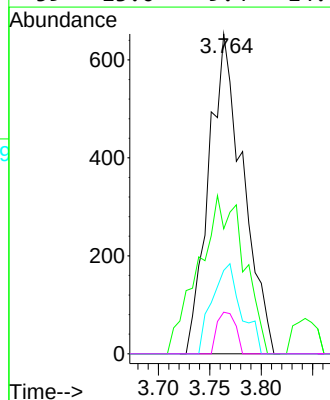
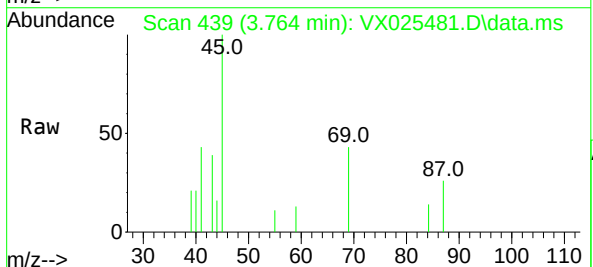
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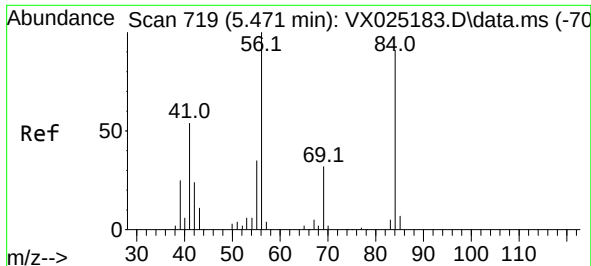
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#22
Diisopropyl ether
Concen: 0.458 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX025481.D
Acq: 03 Dec 2021 14:45

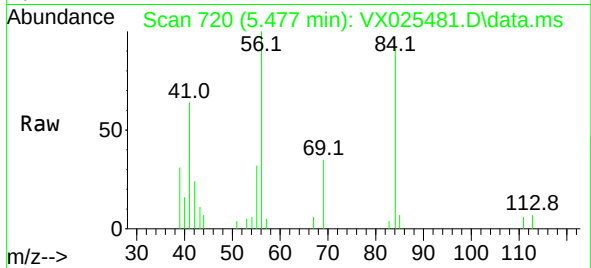
Tgt Ion: 45 Resp: 1512
Ion Ratio Lower Upper
45 100
43 39.1 58.3 87.5#
87 26.0 23.7 35.5
59 13.0 9.4 14.0





#31
Cyclohexane
Concen: 2.626 ug/l
RT: 5.477 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX025481.D
Acq: 03 Dec 2021 14:45

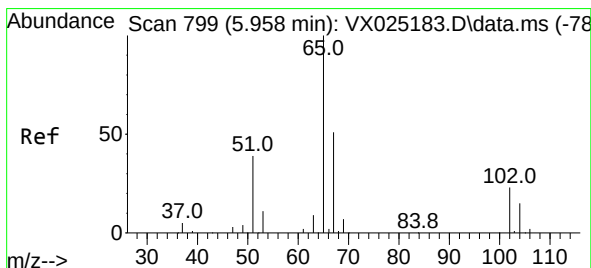
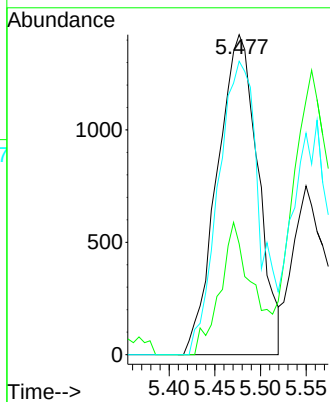
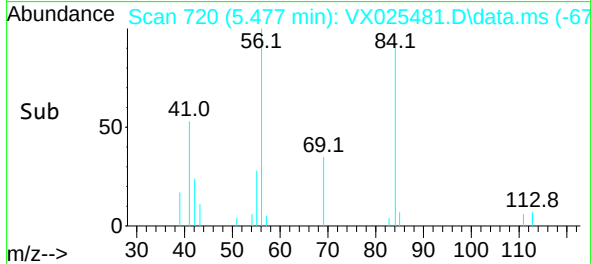
Instrument :
MSVOA_X
ClientSampleId :
MW-38DL



Tgt Ion: 56 Resp: 4418
Ion Ratio Lower Upper
56 100
69 34.6 24.2 36.2
84 91.7 71.5 107.3

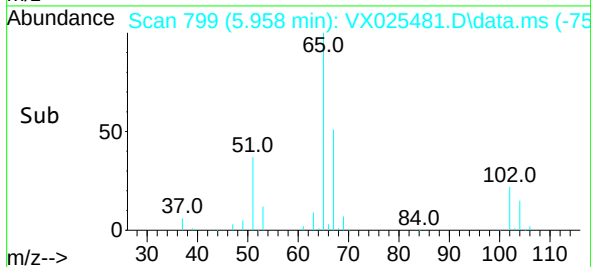
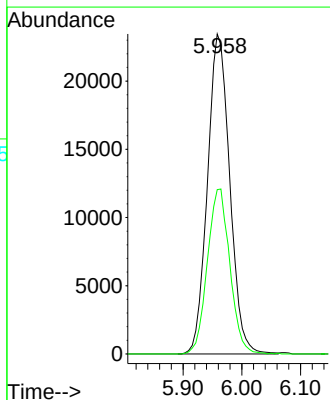
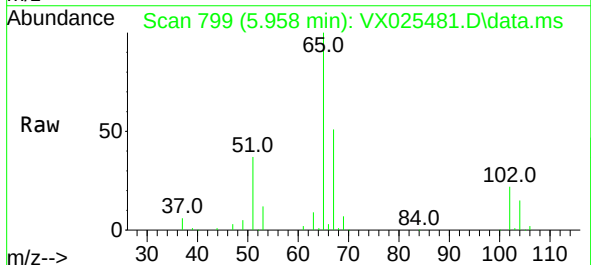
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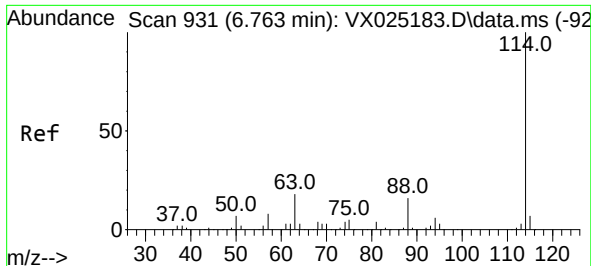
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#33
1,2-Dichloroethane-d4
Concen: 56.771 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX025481.D
Acq: 03 Dec 2021 14:45

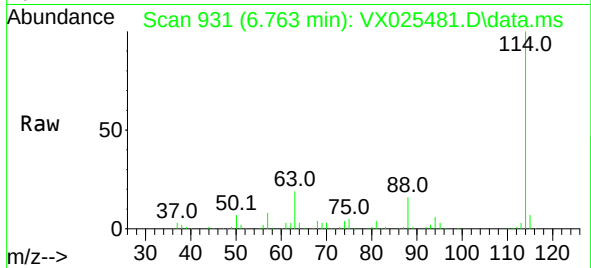
Tgt Ion: 65 Resp: 61804
Ion Ratio Lower Upper
65 100
67 51.9 0.0 101.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX025481.D
Acq: 03 Dec 2021 14:45

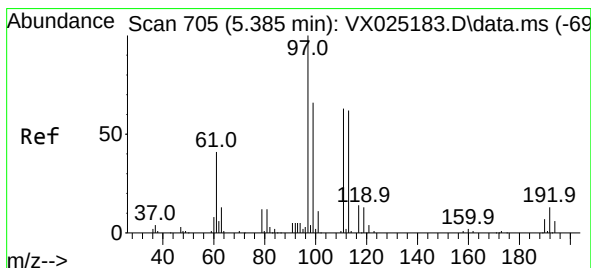
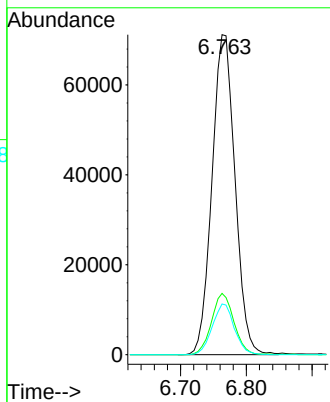
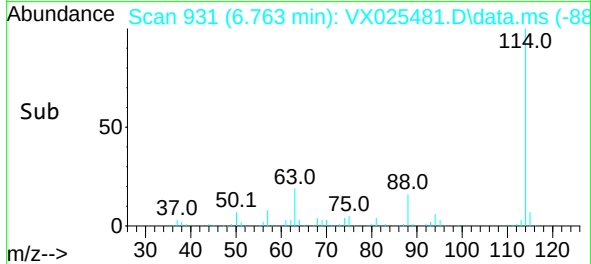
Instrument :
MSVOA_X
ClientSampleId :
MW-38DL



Tgt Ion:114 Resp: 17371
Ion Ratio Lower Upper
114 100
63 19.1 0.0 41.0
88 15.8 0.0 34.8

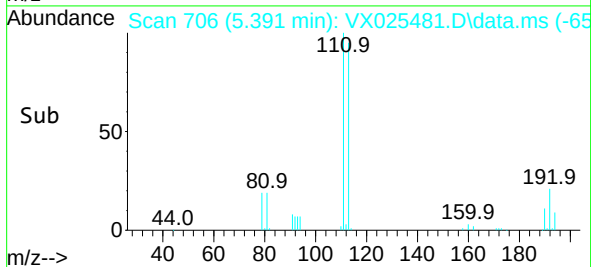
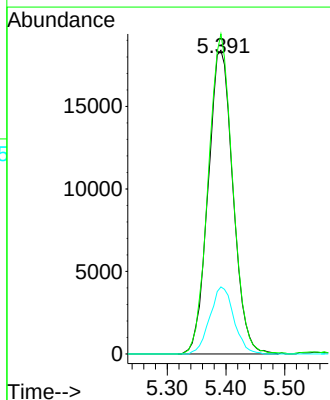
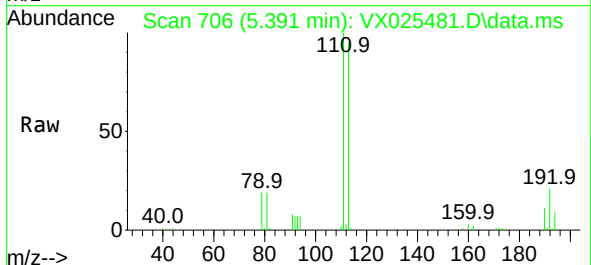
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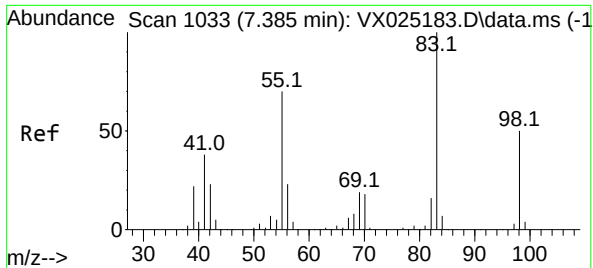
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#35
Dibromofluoromethane
Concen: 50.770 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX025481.D
Acq: 03 Dec 2021 14:45

Tgt Ion:113 Resp: 54112
Ion Ratio Lower Upper
113 100
111 103.0 82.1 123.1
192 21.3 15.6 23.4





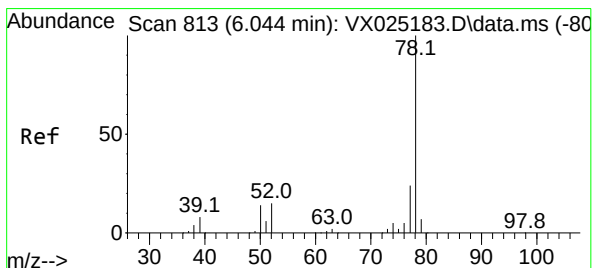
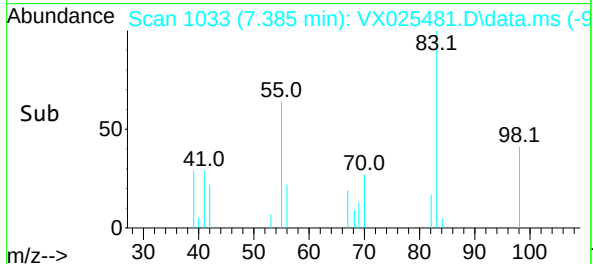
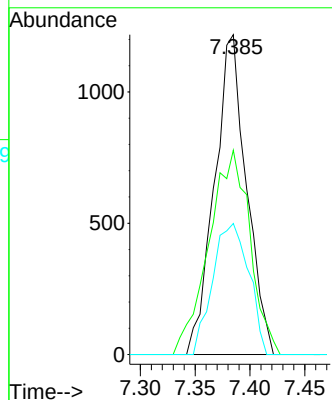
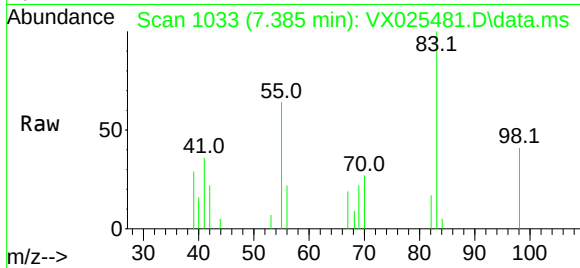
#39
Methylcyclohexane
Concen: 1.273 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX025481.D
Acq: 03 Dec 2021 14:45

Instrument :
MSVOA_X
ClientSampleId :
MW-38DL

Tgt Ion: 83 Resp: 247
Ion Ratio Lower Upper
83 100
55 63.9 60.8 91.2
98 41.0 37.0 55.4

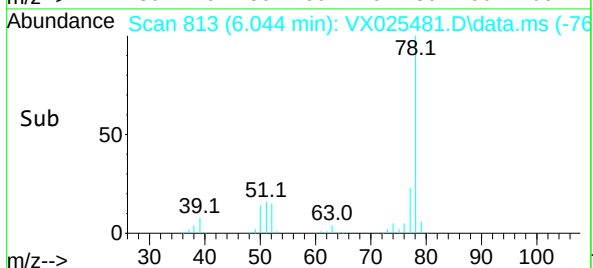
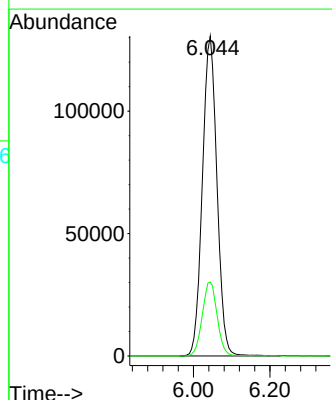
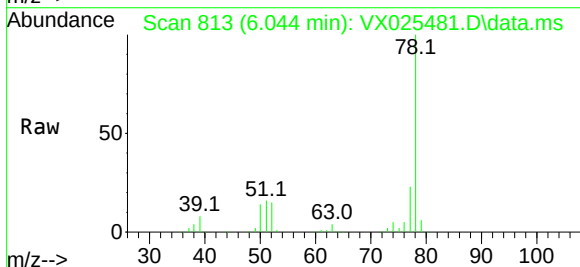
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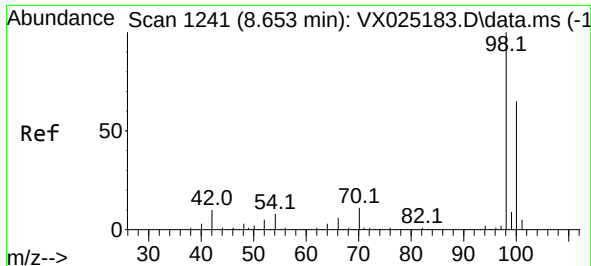
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#40
Benzene
Concen: 75.201 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX025481.D
Acq: 03 Dec 2021 14:45

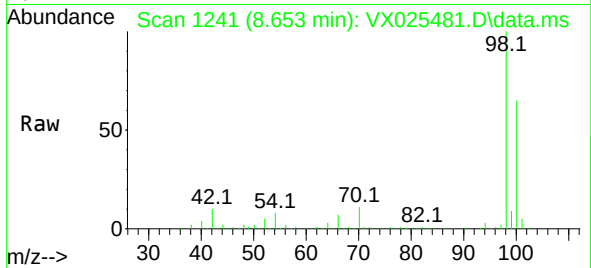
Tgt Ion: 78 Resp: 345253
Ion Ratio Lower Upper
78 100
77 23.1 18.3 27.5





#50
Toluene-d8
Concen: 50.157 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX025481.D
Acq: 03 Dec 2021 14:45

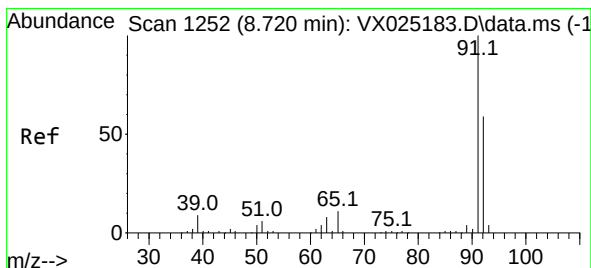
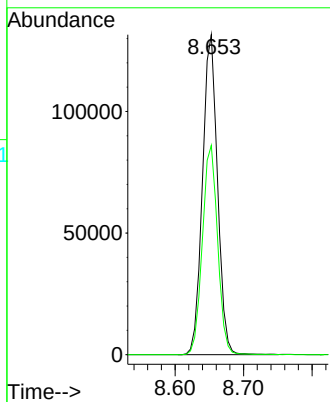
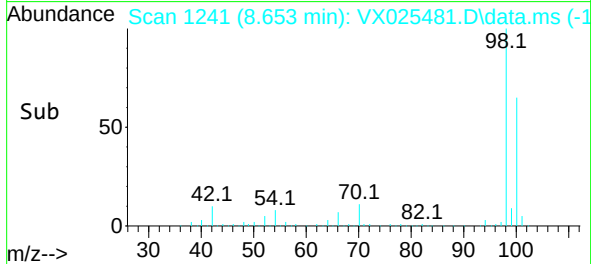
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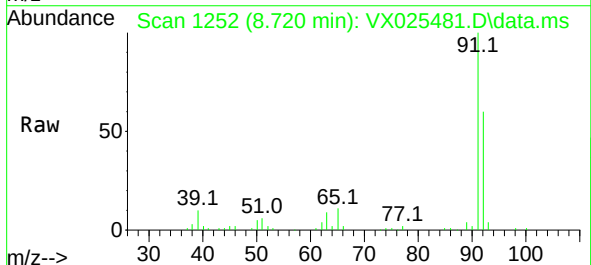
Tgt Ion: 98 Resp: 200998
Ion Ratio Lower Upper
98 100
100 66.4 51.4 77.0

Manual Integrations
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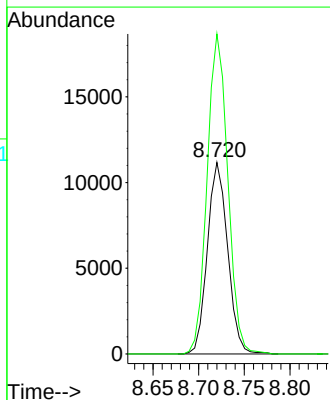
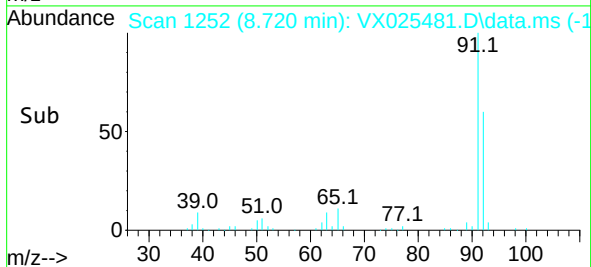
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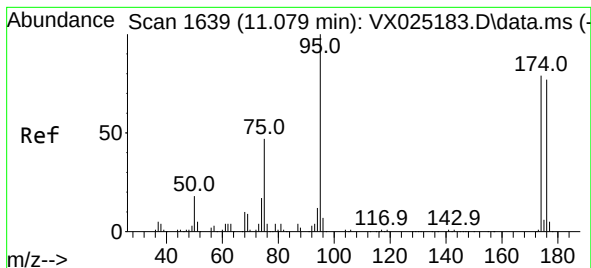


#52
Toluene
Concen: 5.745 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX025481.D
Acq: 03 Dec 2021 14:45



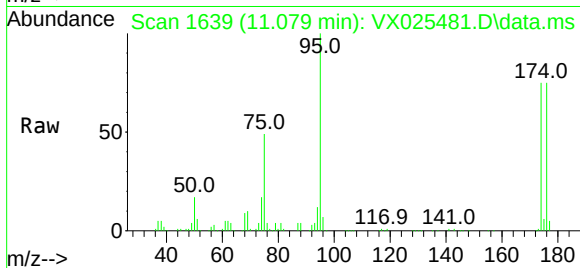
Tgt Ion: 92 Resp: 17219
Ion Ratio Lower Upper
92 100
91 170.3 138.6 208.0





#62
4-Bromofluorobenzene
Concen: 45.591 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX025481.D
Acq: 03 Dec 2021 14:45

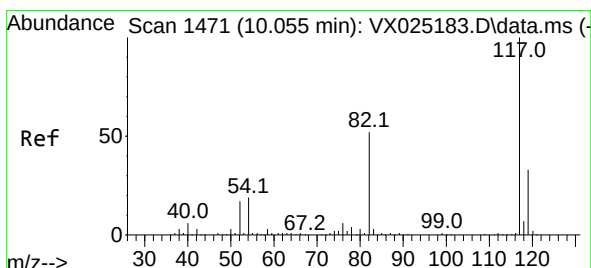
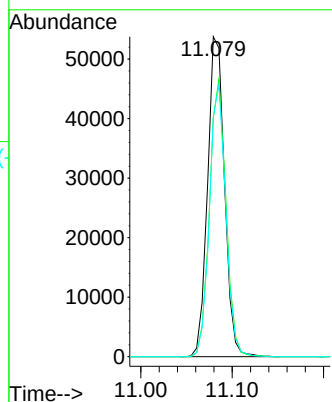
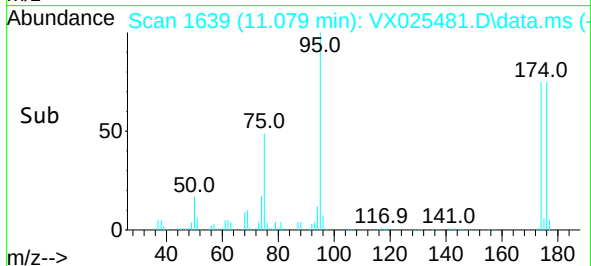
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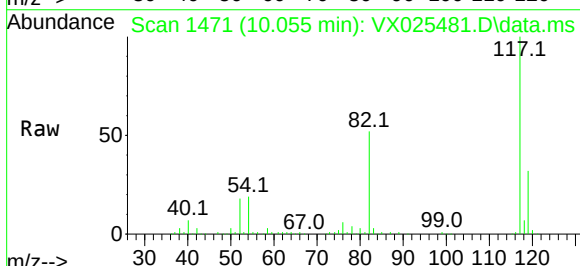
Tgt Ion: 95 Resp: 6911
Ion Ratio Lower Upper
95 100
174 84.5 0.0 158.0
176 82.1 0.0 153.6

Manual Integrations
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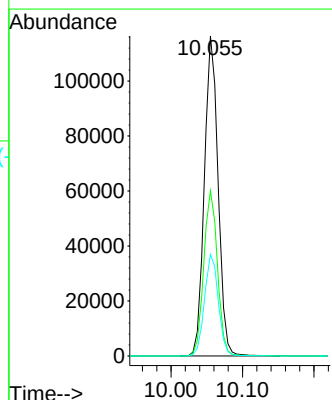
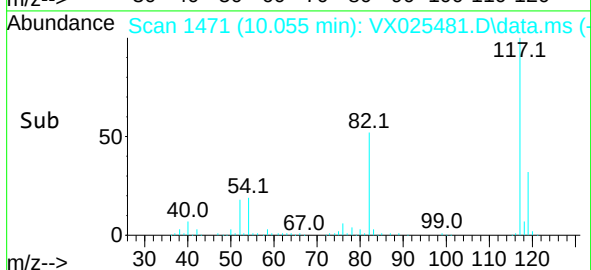
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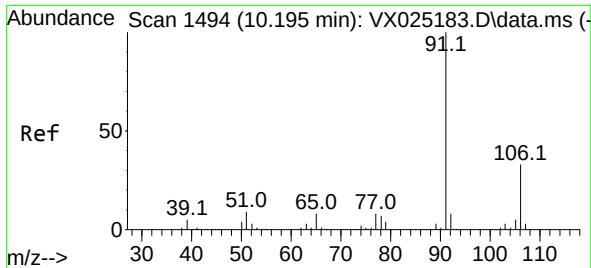


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX025481.D
Acq: 03 Dec 2021 14:45



Tgt Ion:117 Resp: 155057
Ion Ratio Lower Upper
117 100
82 51.7 44.6 67.0
119 31.7 24.8 37.2





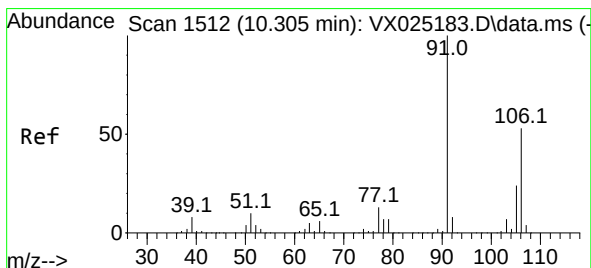
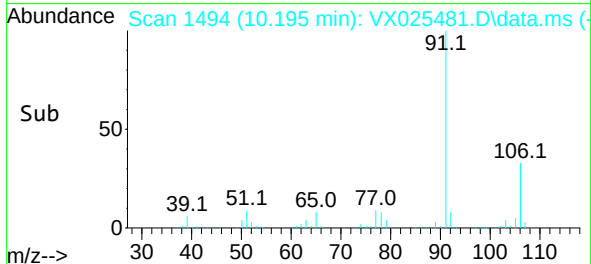
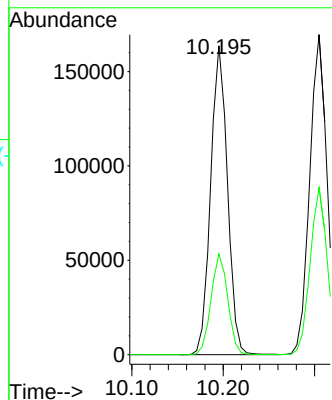
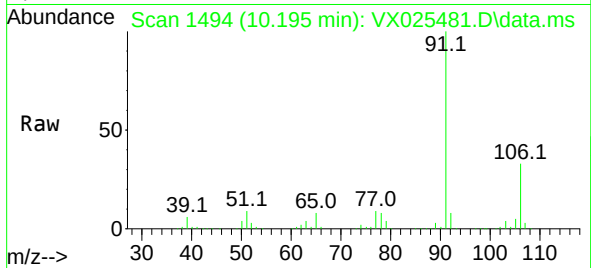
#67
Ethyl Benzene
Concen: 38.191 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX025481.D
Acq: 03 Dec 2021 14:45

Instrument :
MSVOA_X
ClientSampleId :
MW-38DL

Tgt Ion: 91 Resp: 20854
Ion Ratio Lower Upper
91 100
106 32.7 24.7 37.1

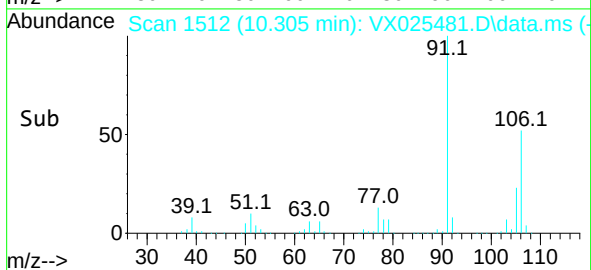
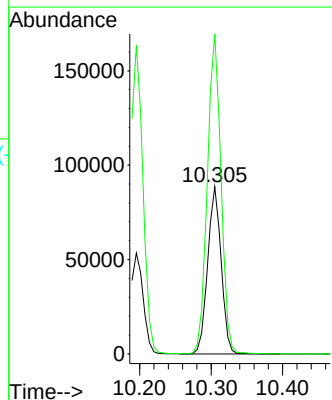
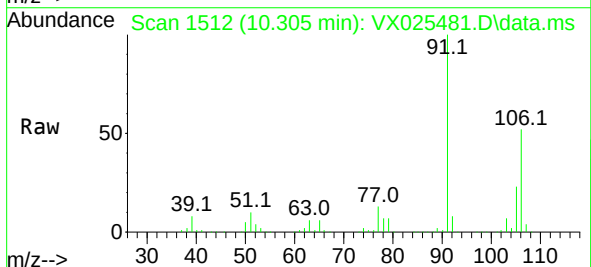
Manual Integrations
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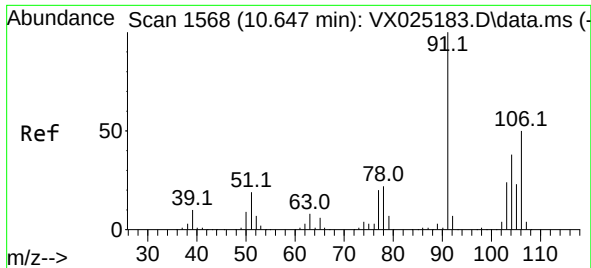
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#68
m/p-Xylenes
Concen: 52.075 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX025481.D
Acq: 03 Dec 2021 14:45

Tgt Ion:106 Resp: 116145
Ion Ratio Lower Upper
106 100
91 193.8 163.4 245.0





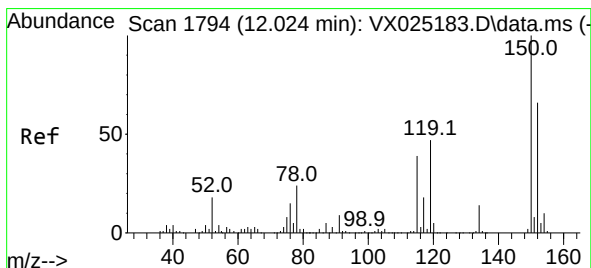
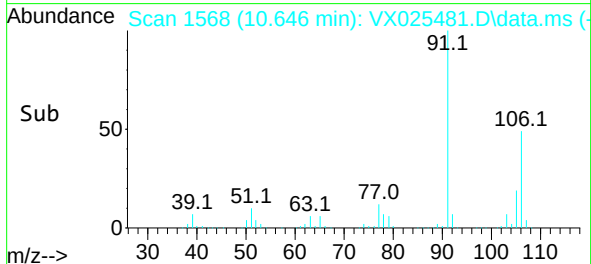
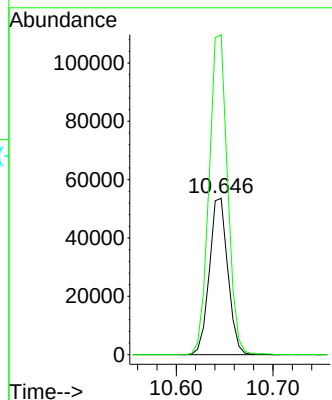
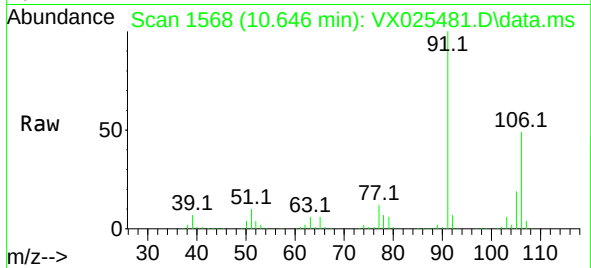
#69
o-Xylene
Concen: 32.608 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. -0.001 min
Lab File: VX025481.D
Acq: 03 Dec 2021 14:45

Instrument :
MSVOA_X
ClientSampleId :
MW-38DL

Tgt Ion:106 Resp: 7118
Ion Ratio Lower Upper
106 100
91 205.7 109.5 328.4

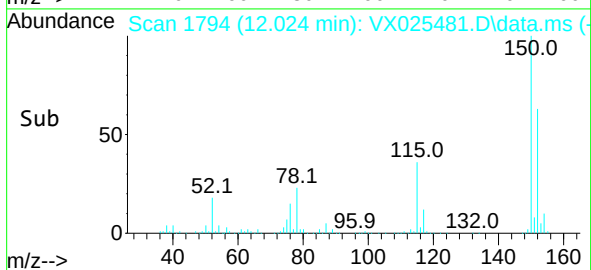
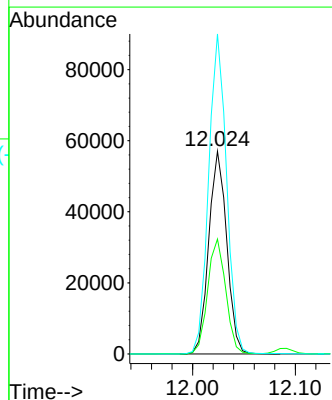
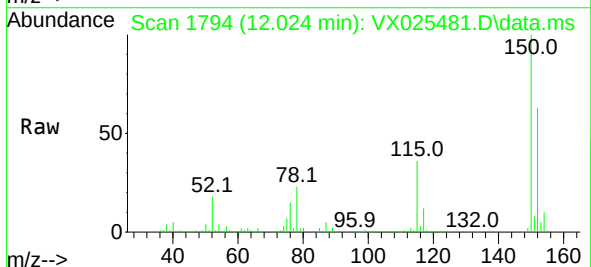
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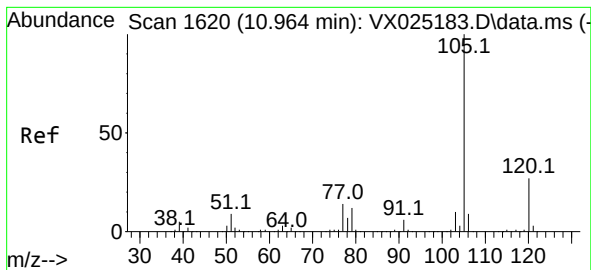
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX025481.D
Acq: 03 Dec 2021 14:45

Tgt Ion:152 Resp: 69303
Ion Ratio Lower Upper
152 100
115 57.1 43.3 129.8
150 157.3 0.0 351.2





#73

Isopropylbenzene

Concen: 2.588 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. -0.001 min

Lab File: VX025481.D

Acq: 03 Dec 2021 14:45

Instrument :

MSVOA_X

ClientSampleId :

MW-38DL

Tgt Ion:105 Resp: 1278

Ion Ratio Lower Upper

105 100

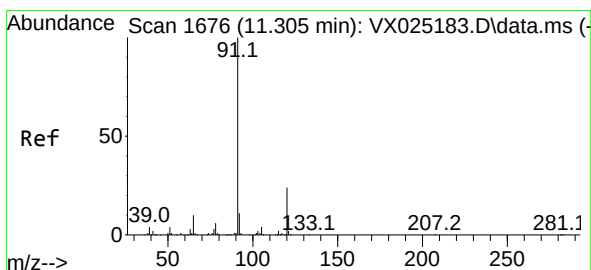
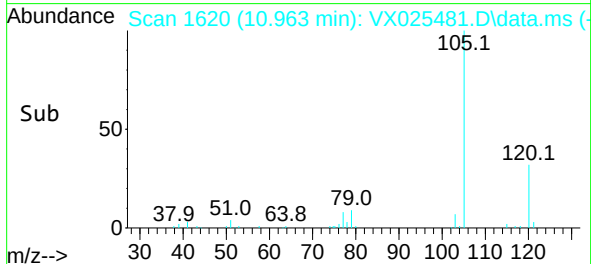
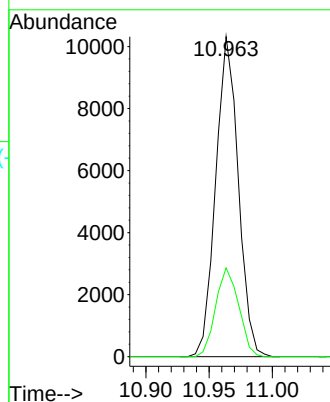
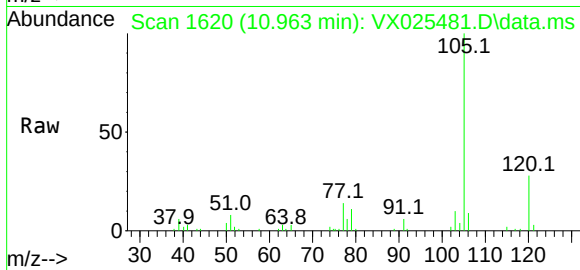
120 28.2 13.3 39.8

Manual Integrations

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Reviewed By :John Carlone 12/04/2021

Supervised By :Mahesh Dadoda 12/06/2021



#78

n-propylbenzene

Concen: 5.913 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX025481.D

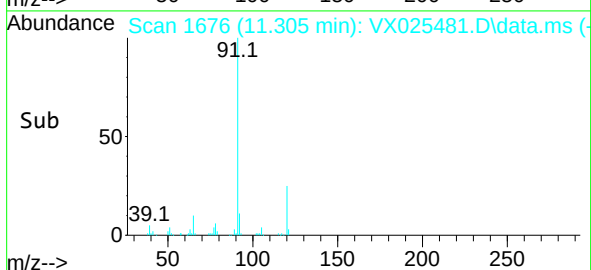
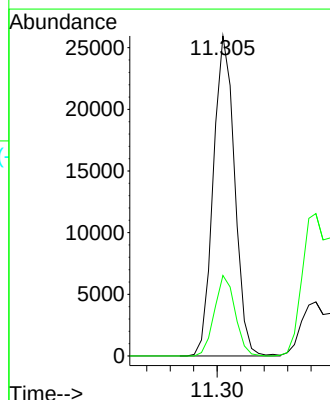
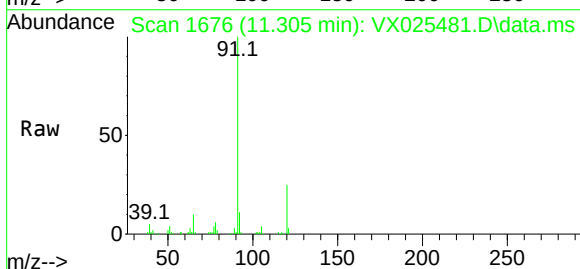
Acq: 03 Dec 2021 14:45

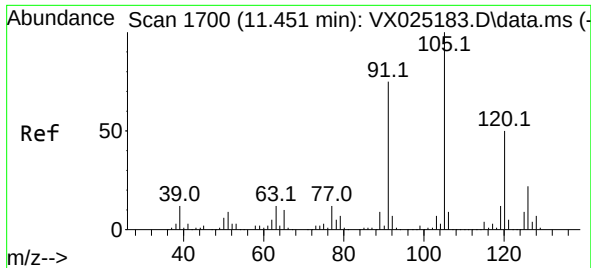
Tgt Ion: 91 Resp: 32784

Ion Ratio Lower Upper

91 100

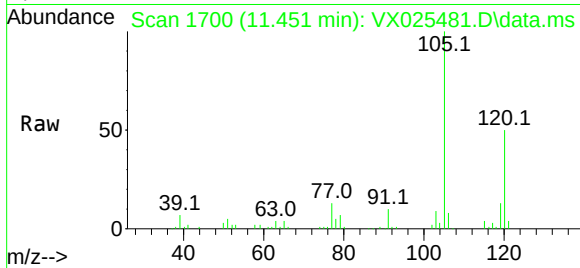
120 24.3 11.7 35.0





#80
1,3,5-Trimethylbenzene
Concen: 6.811 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX025481.D
Acq: 03 Dec 2021 14:45

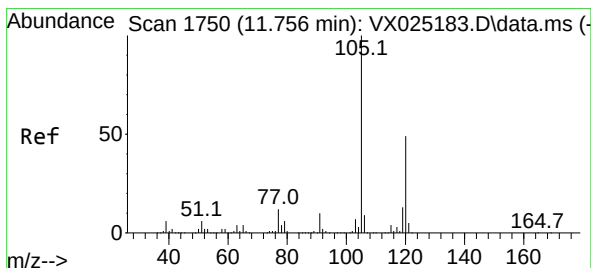
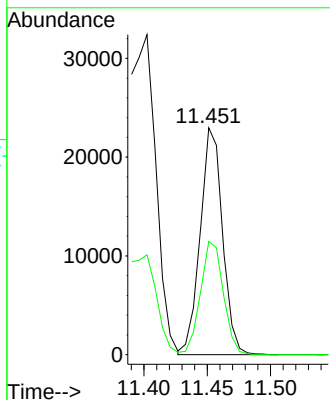
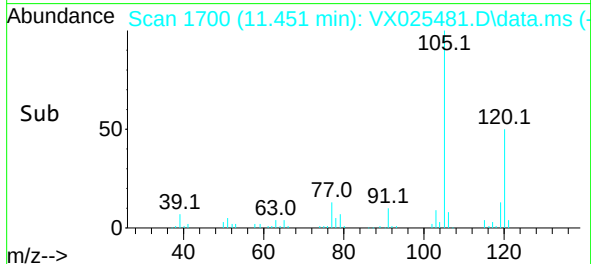
Instrument :
MSVOA_X
ClientSampleId :
MW-38DL



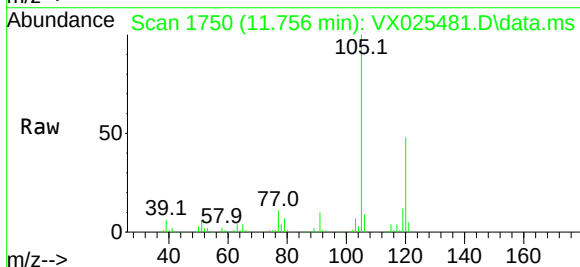
Tgt Ion:105 Resp: 28270
Ion Ratio Lower Upper
105 100
120 51.2 23.8 71.5

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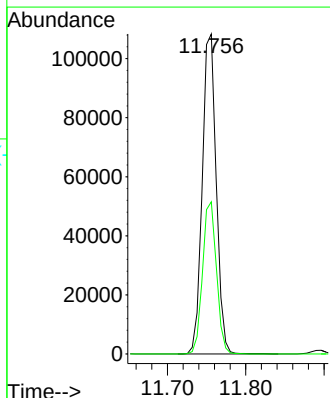
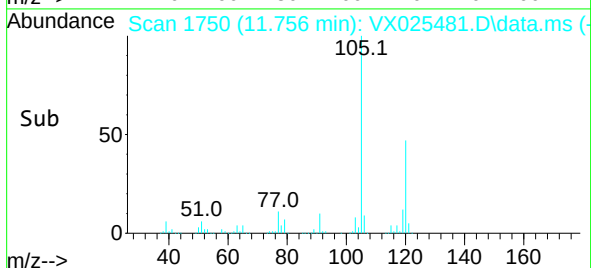
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

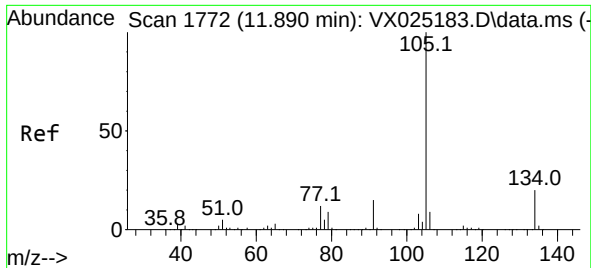


#84
1,2,4-Trimethylbenzene
Concen: 32.677 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX025481.D
Acq: 03 Dec 2021 14:45



Tgt Ion:105 Resp: 134087
Ion Ratio Lower Upper
105 100
120 47.4 22.1 66.3





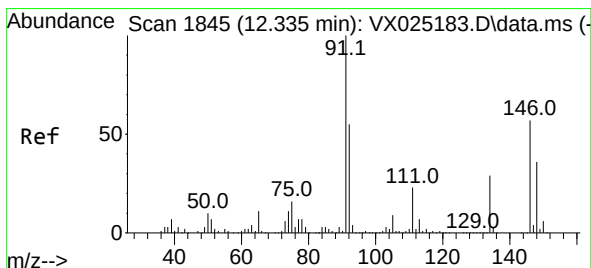
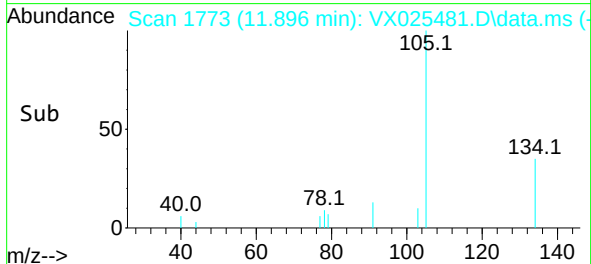
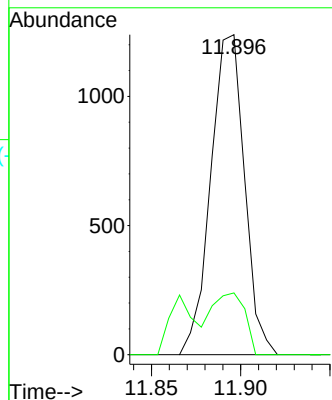
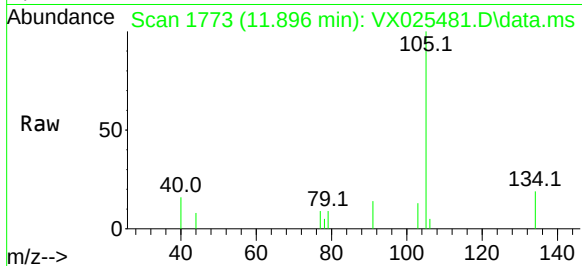
#85
 sec-Butylbenzene
 Concen: 0.318 ug/l m
 RT: 11.896 min Scan# 1
 Delta R.T. 0.006 min
 Lab File: VX025481.D
 Acq: 03 Dec 2021 14:45

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-38DL

Tgt Ion:105 Resp: 1630
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.2 30.4

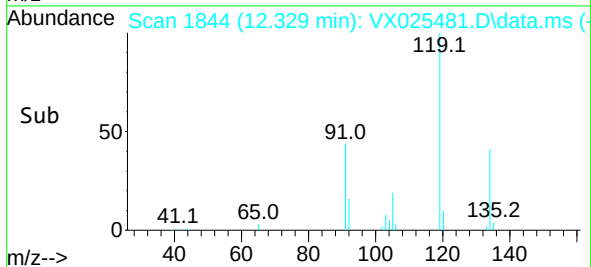
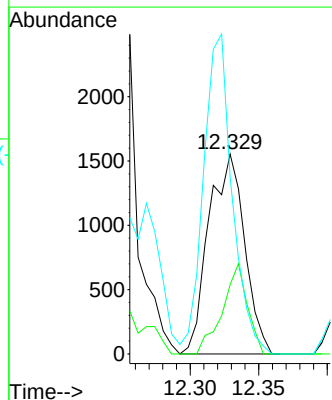
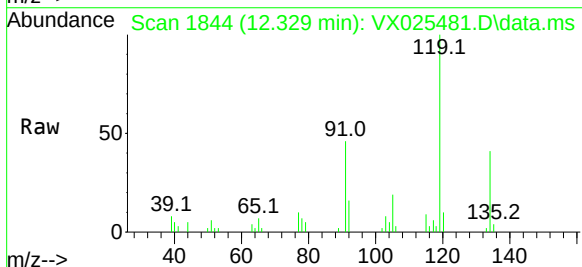
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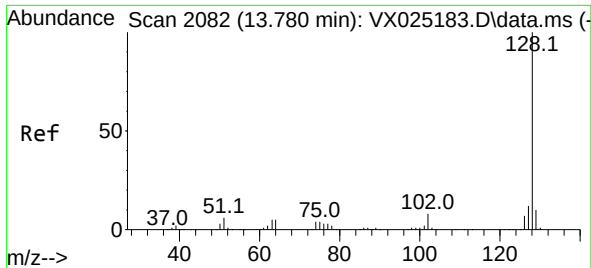
Reviewed By :John Carlone 12/04/2021
 Supervised By :Mahesh Dadoda 12/06/2021



#89
 n-Butylbenzene
 Concen: 0.760 ug/l
 RT: 12.329 min Scan# 1844
 Delta R.T. -0.006 min
 Lab File: VX025481.D
 Acq: 03 Dec 2021 14:45

Tgt Ion: 91 Resp: 2825
 Ion Ratio Lower Upper
 91 100
 92 31.3 26.3 78.8
 134 128.0 13.0 38.9





#95

Naphthalene

Concen: 11.210 ug/l

RT: 13.780 min Scan# 20

Delta R.T. 0.000 min

Lab File: VX025481.D

Acq: 03 Dec 2021 14:45

Instrument :

MSVOA_X

ClientSampleId :

MW-38DL

Tgt Ion:128 Resp: 5378

Ion Ratio Lower Upper

128 100

127 12.5 10.3 15.5

129 11.0 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2021

Supervised By :Mahesh Dadoda 12/06/2021

