

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100522\
 Data File : VX031907.D
 Acq On : 05 Oct 2022 19:59
 Operator : JC/MD
 Sample : N4910-04 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3DL

Quant Time: Oct 06 06:49:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100522W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 05 12:20:53 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 10/06/2022
 Supervised By :Mahesh Dadoda 10/06/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	107918	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	158114	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	169189	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	115325	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	88484	54.437	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.880%			
35) Dibromofluoromethane	5.385	113	85281	49.298	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.600%			
50) Toluene-d8	8.647	98	309126	50.447	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.900%			
62) 4-Bromofluorobenzene	11.079	95	106722	48.418	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.840%			
Target Compounds						
						Qvalue
31) Cyclohexane	5.471	56	13245	7.054	ug/l	# 76
39) Methylcyclohexane	7.379	83	33418	12.989	ug/l	86
40) Benzene	6.038	78	63951	10.591	ug/l	97
44) Trichloroethene	7.129	130	3902	1.899	ug/l	74
52) Toluene	8.726	92	1710	0.400	ug/l	88
67) Ethyl Benzene	10.195	91	8812	1.144	ug/l	100
68) m/p-Xylenes	10.305	106	14638	4.509	ug/l	96
73) Isopropylbenzene	10.964	105	4208	0.549	ug/l	92
78) n-propylbenzene	11.305	91	4956	0.607	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	13015	2.053	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	28839	4.554	ug/l	97
85) sec-Butylbenzene	11.890	105	2553	0.331	ug/l	# 75
86) p-Isopropyltoluene	12.012	119	2149m	0.315	ug/l	
89) n-Butylbenzene	12.335	91	2823	0.556	ug/l	# 17

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

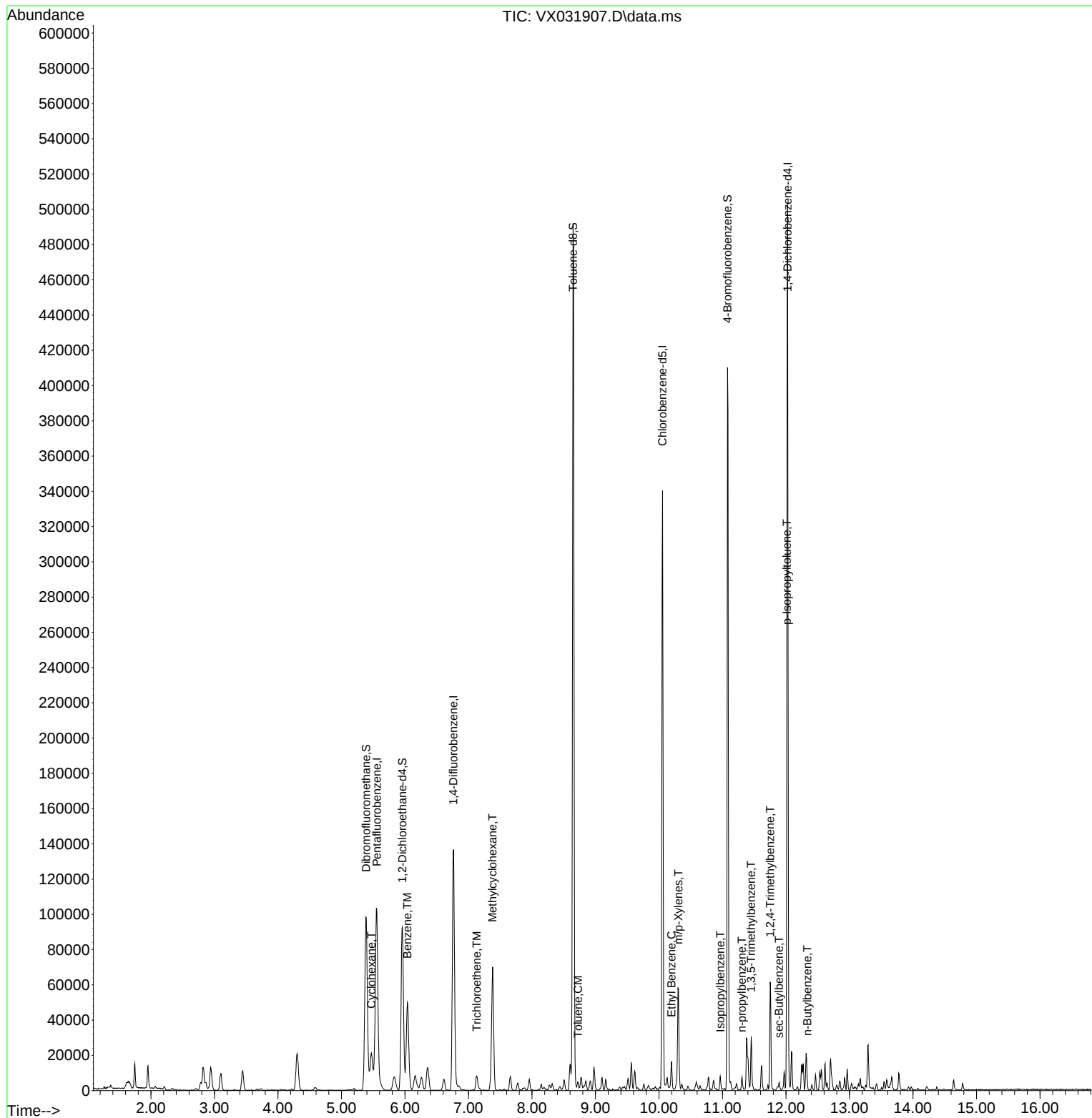
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100522\
Data File : VX031907.D
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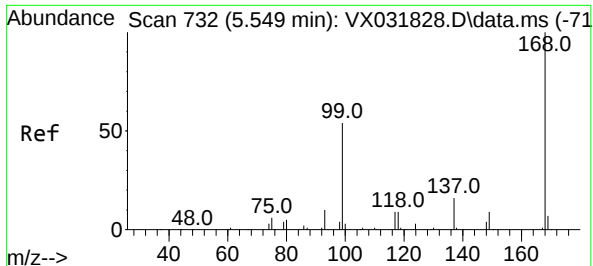
Instrument :
MSVOA_X
ClientSampleId :
MW-3DL

Quant Time: Oct 06 06:49:53 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100522W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 05 12:20:53 2022
Response via : Initial Calibration

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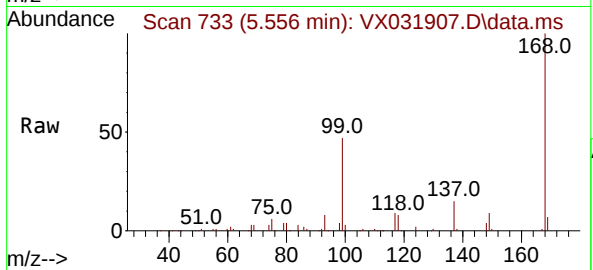
Reviewed By : John Carlone 10/06/2022
Supervised By : Mahesh Dadoda 10/06/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX031907.D
Acq: 05 Oct 2022 19:59

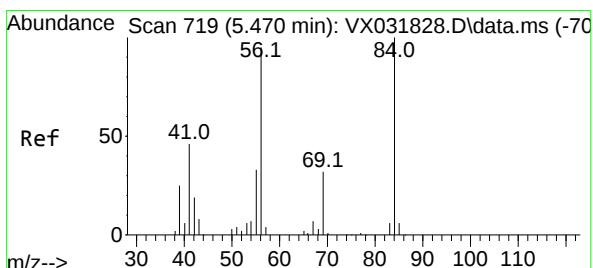
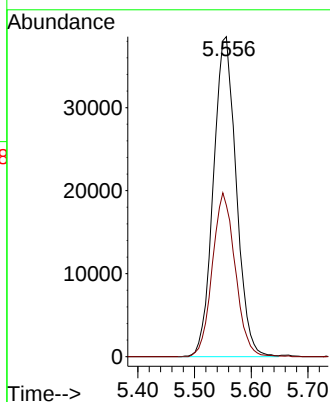
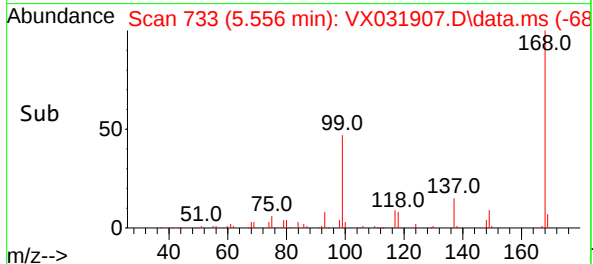
Instrument :
MSVOA_X
Client SampleId :
MW-3DL



Tgt Ion:168 Resp: 107918
Ion Ratio Lower Upper
168 100
99 47.3 48.8 73.2

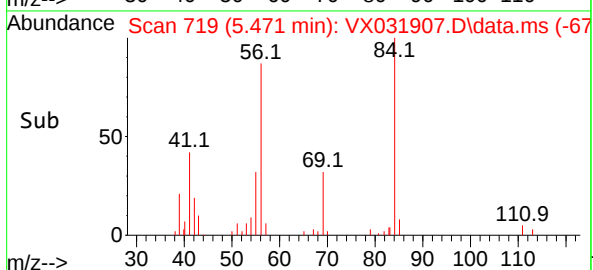
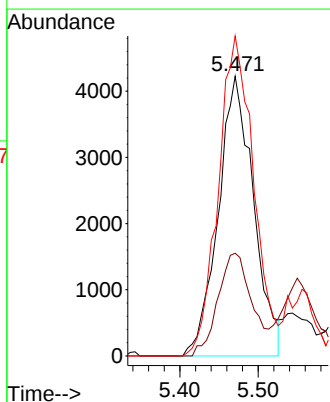
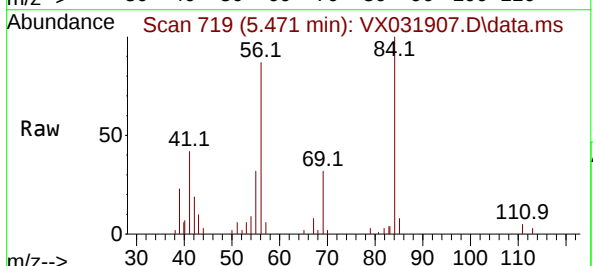
Manual Integrations
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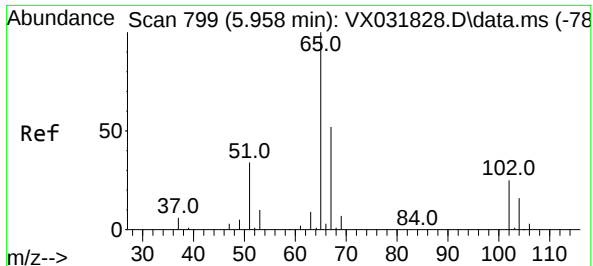
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#31
Cyclohexane
Concen: 7.054 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.001 min
Lab File: VX031907.D
Acq: 05 Oct 2022 19:59

Tgt Ion: 56 Resp: 13245
Ion Ratio Lower Upper
56 100
69 36.7 25.1 37.7
84 114.4 70.2 105.4





#33

1,2-Dichloroethane-d4

Concen: 54.437 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.006 min

Lab File: VX031907.D

Acq: 05 Oct 2022 19:59

Instrument :

MSVOA_X

ClientSampleId :

MW-3DL

Tgt Ion: 65 Resp: 88484

Ion Ratio Lower Upper

65 100

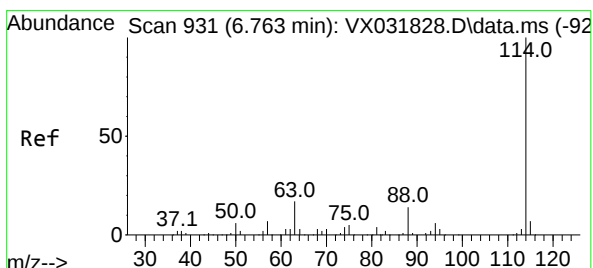
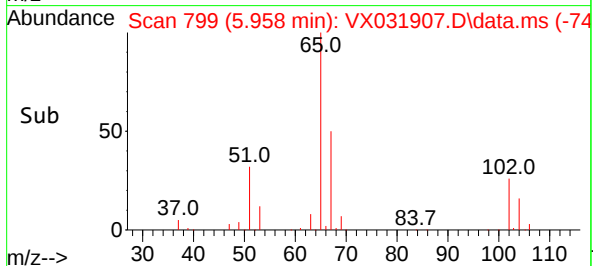
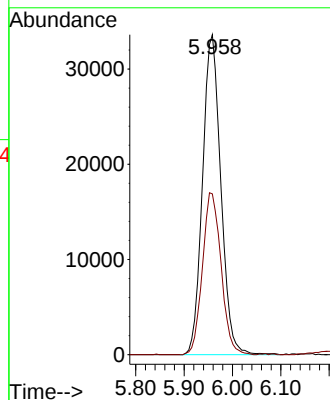
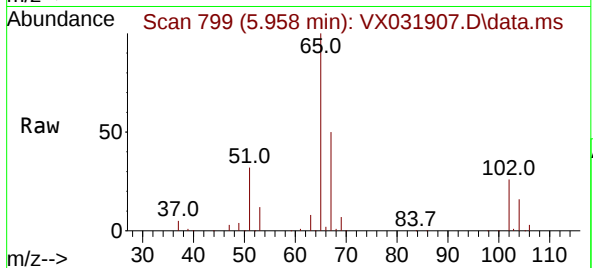
67 51.4 0.0 102.4

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX031907.D

Acq: 05 Oct 2022 19:59

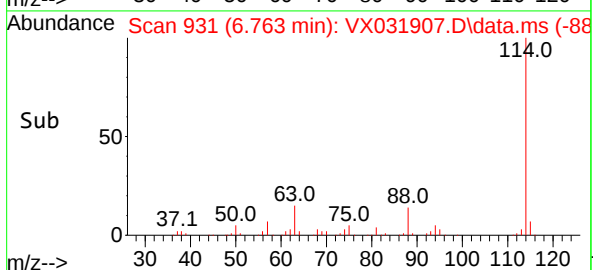
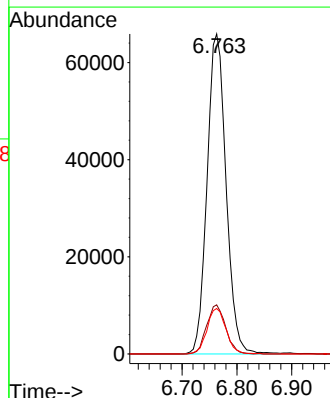
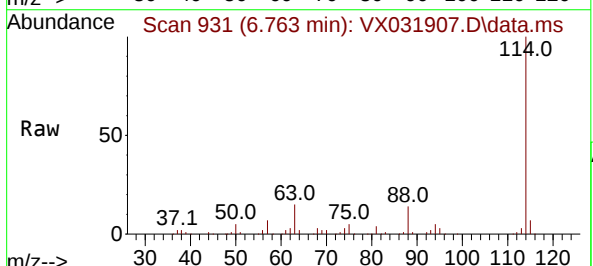
Tgt Ion:114 Resp: 158114

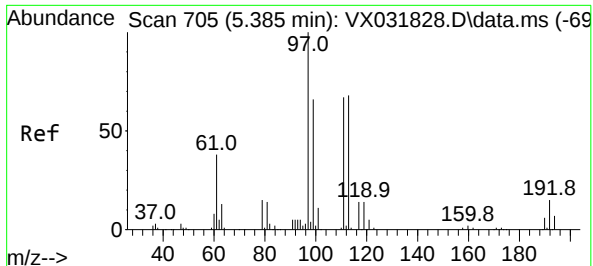
Ion Ratio Lower Upper

114 100

63 15.4 0.0 42.6

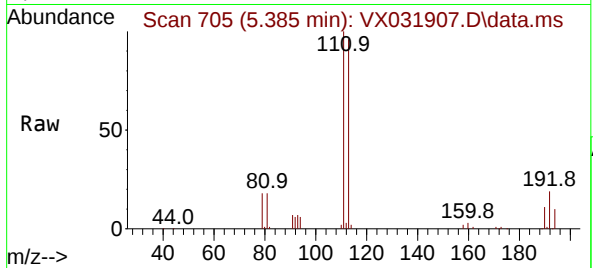
88 14.2 0.0 33.0





#35
Dibromofluoromethane
Concen: 49.298 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX031907.D
Acq: 05 Oct 2022 19:59

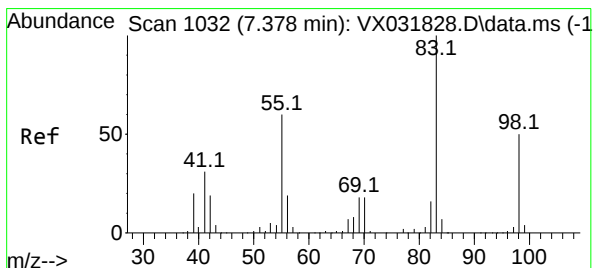
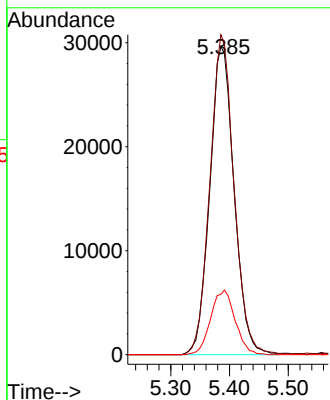
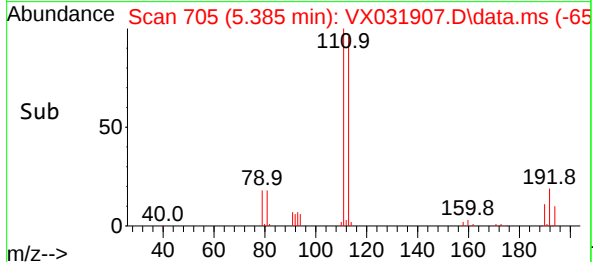
Instrument :
MSVOA_X
ClientSampleId :
MW-3DL



Tgt Ion: 113 Resp: 8528
Ion Ratio Lower Upper
113 100
111 102.6 82.4 123.6
192 21.1 14.1 21.1

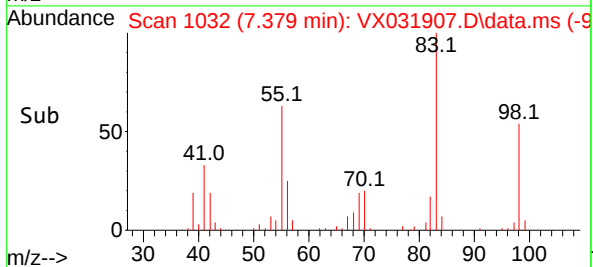
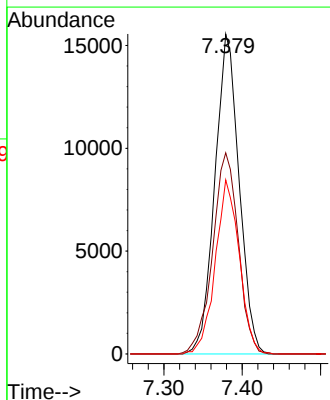
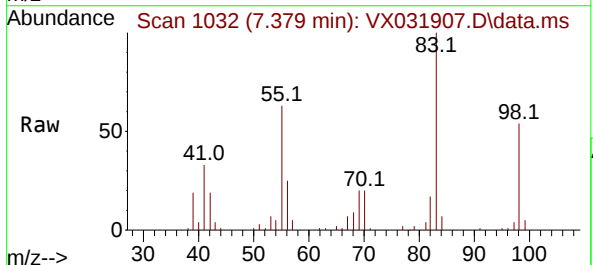
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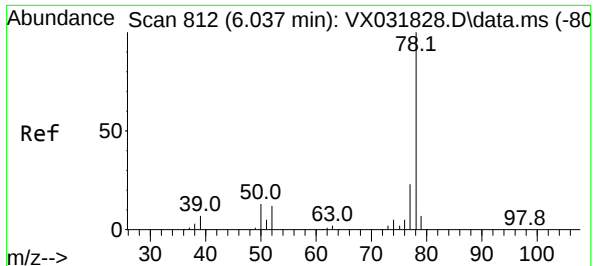
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#39
Methylcyclohexane
Concen: 12.989 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX031907.D
Acq: 05 Oct 2022 19:59

Tgt Ion: 83 Resp: 33418
Ion Ratio Lower Upper
83 100
55 62.9 61.0 91.4
98 54.4 37.7 56.5





#40

Benzene

Concen: 10.591 ug/l

RT: 6.038 min Scan# 812

Delta R.T. 0.001 min

Lab File: VX031907.D

Acq: 05 Oct 2022 19:59

Instrument :

MSVOA_X

ClientSampleId :

MW-3DL

Tgt Ion: 78 Resp: 6395

Ion Ratio Lower Upper

78 100

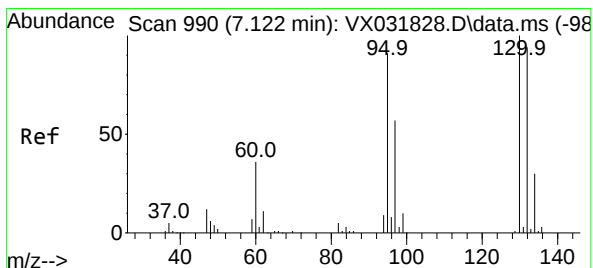
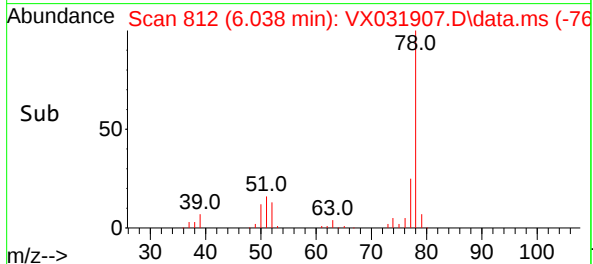
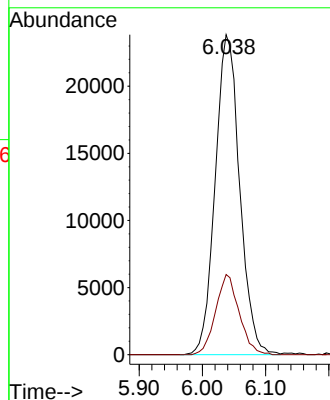
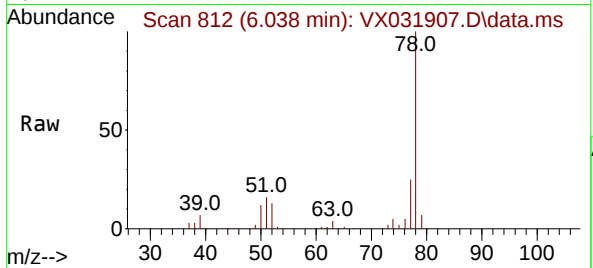
77 25.1 18.7 28.1

Manual Integrations

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Reviewed By :John Carlone 10/06/2022

Supervised By :Mahesh Dadoda 10/06/2022



#44

Trichloroethene

Concen: 1.899 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX031907.D

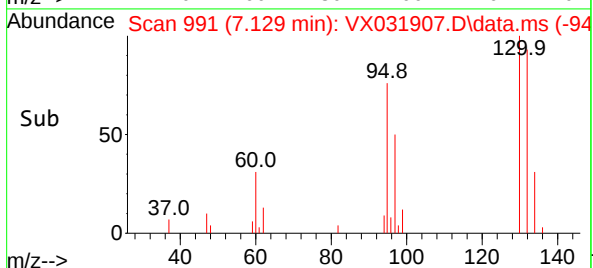
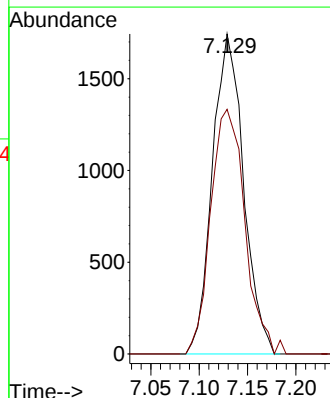
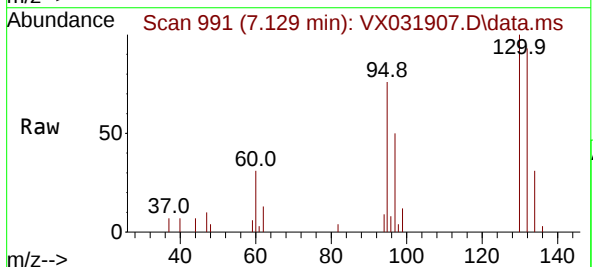
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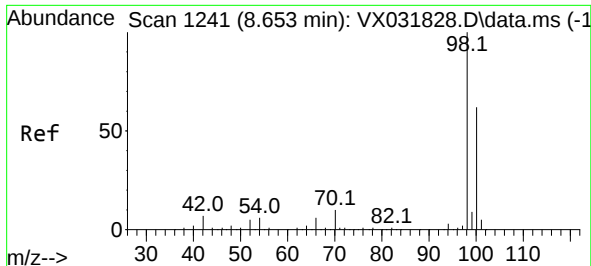
Tgt Ion:130 Resp: 3902

Ion Ratio Lower Upper

130 100

95 76.4 0.0 206.8





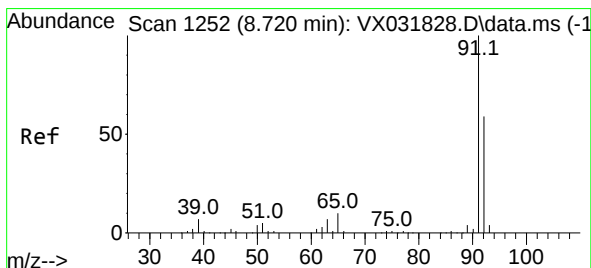
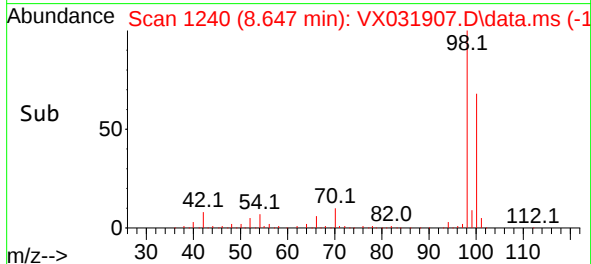
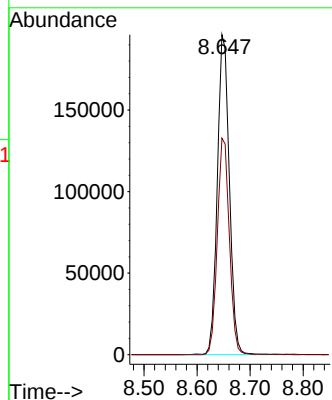
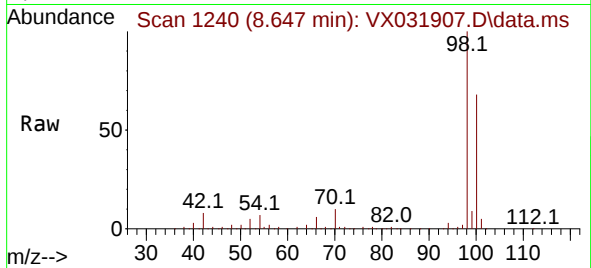
#50
Toluene-d8
Concen: 50.447 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX031907.D
Acq: 05 Oct 2022 19:59

Instrument :
MSVOA_X
ClientSampleId :
MW-3DL

Tgt Ion: 98 Resp: 309120
Ion Ratio Lower Upper
98 100
100 67.7 52.5 78.7

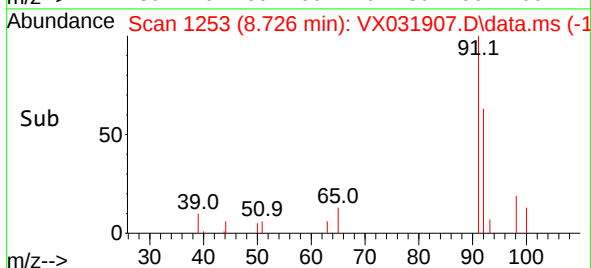
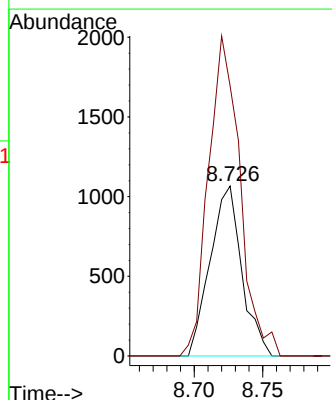
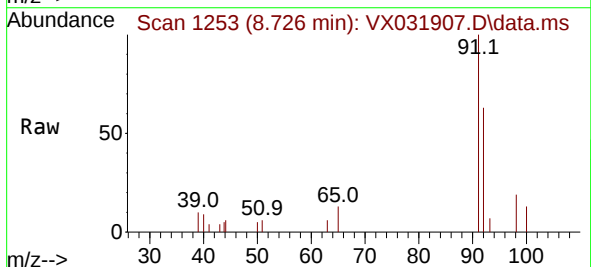
Manual Integrations
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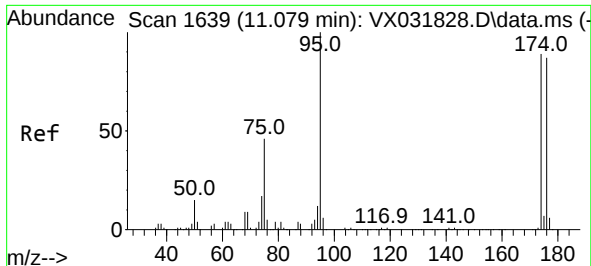
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#52
Toluene
Concen: 0.400 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX031907.D
Acq: 05 Oct 2022 19:59

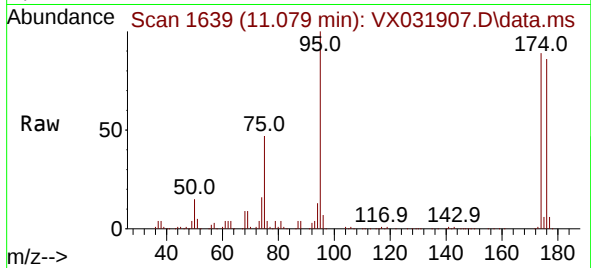
Tgt Ion: 92 Resp: 1710
Ion Ratio Lower Upper
92 100
91 187.8 137.1 205.7





#62
4-Bromofluorobenzene
Concen: 48.418 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031907.D
Acq: 05 Oct 2022 19:59

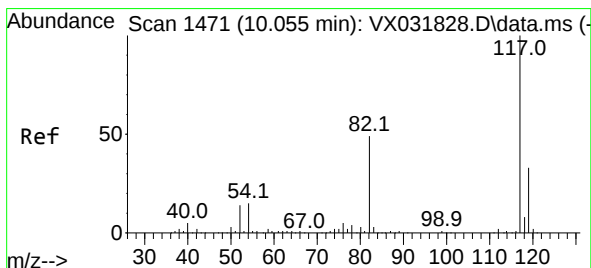
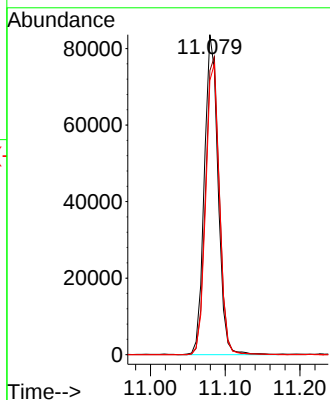
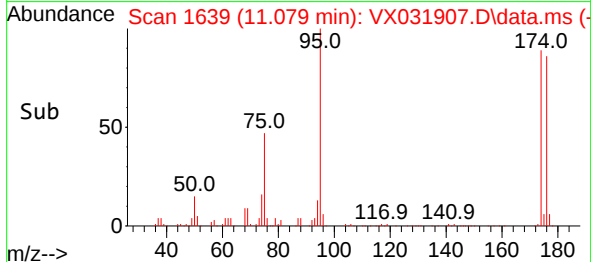
Instrument :
MSVOA_X
ClientSampleId :
MW-3DL



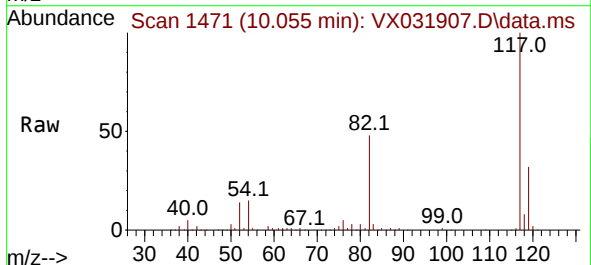
Tgt Ion: 95 Resp: 10672
Ion Ratio Lower Upper
95 100
174 94.0 0.0 153.2
176 90.5 0.0 144.0

Manual Integrations
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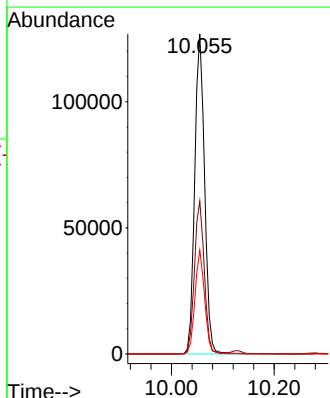
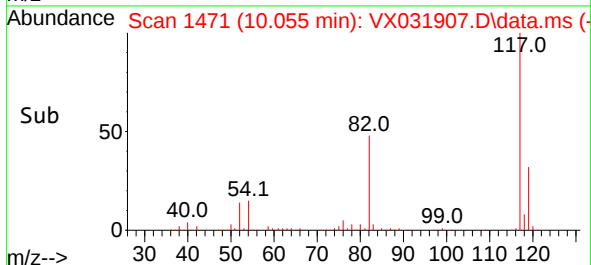
Reviewed By :John Carlone 10/06/2022
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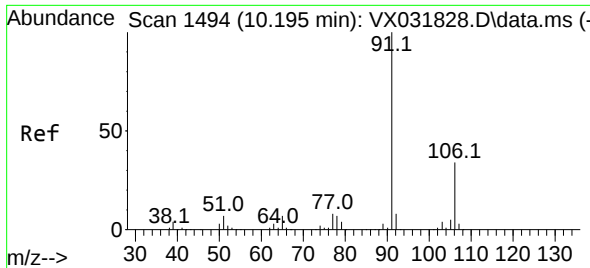


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031907.D
Acq: 05 Oct 2022 19:59



Tgt Ion:117 Resp: 169189
Ion Ratio Lower Upper
117 100
82 47.7 46.8 70.2
119 32.5 26.4 39.6





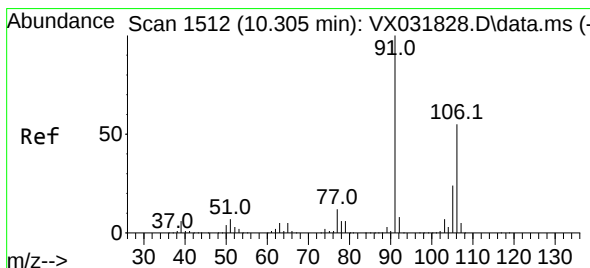
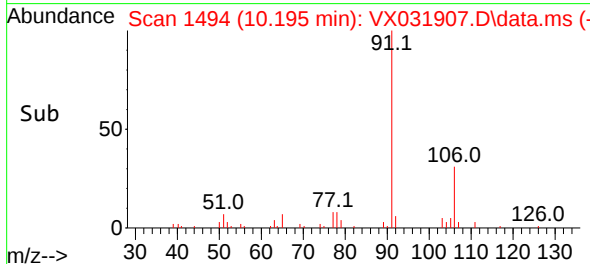
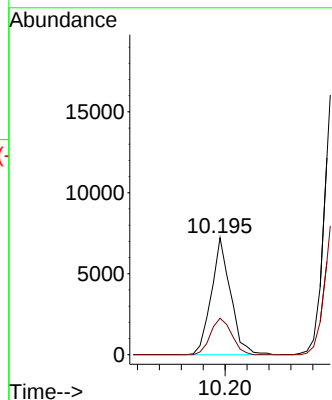
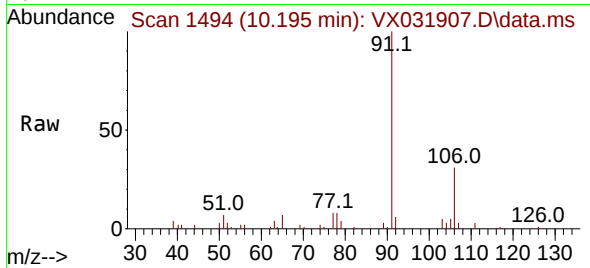
#67
Ethyl Benzene
Concen: 1.144 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX031907.D
Acq: 05 Oct 2022 19:59

Instrument :
MSVOA_X
ClientSampleId :
MW-3DL

Tgt Ion: 91 Resp: 881
Ion Ratio Lower Upper
91 100
106 31.2 25.2 37.8

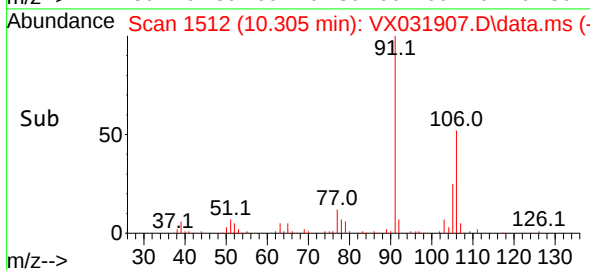
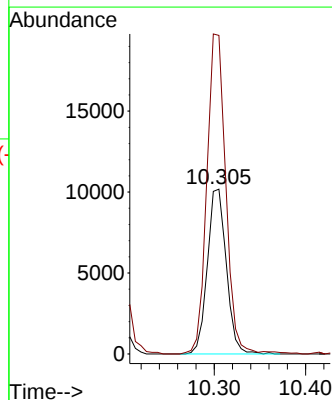
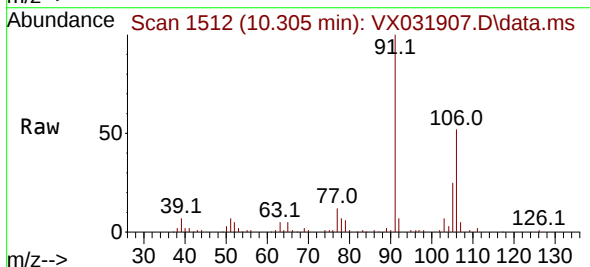
Manual Integrations
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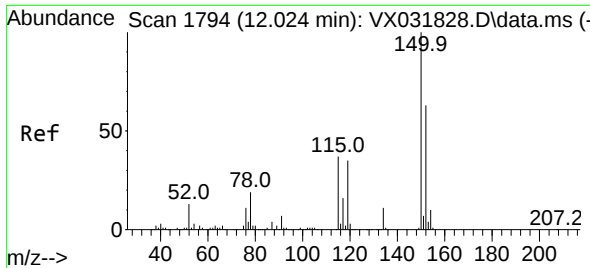
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#68
m/p-Xylenes
Concen: 4.509 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX031907.D
Acq: 05 Oct 2022 19:59

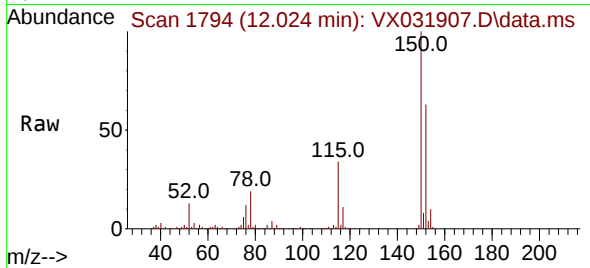
Tgt Ion:106 Resp: 14638
Ion Ratio Lower Upper
106 100
91 194.7 161.0 241.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11532
Delta R.T. 0.000 min
Lab File: VX031907.D
Acq: 05 Oct 2022 19:59

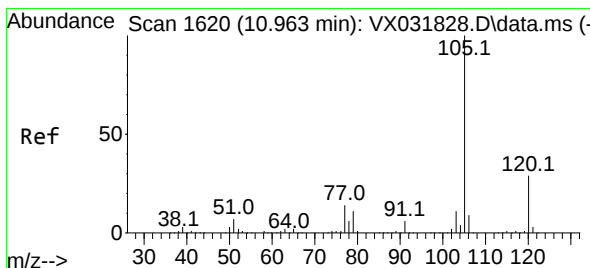
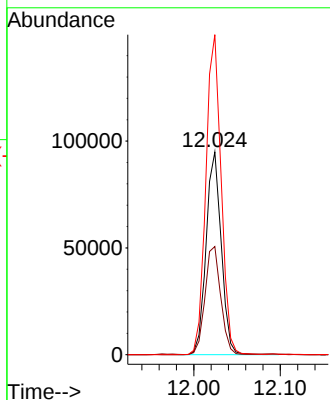
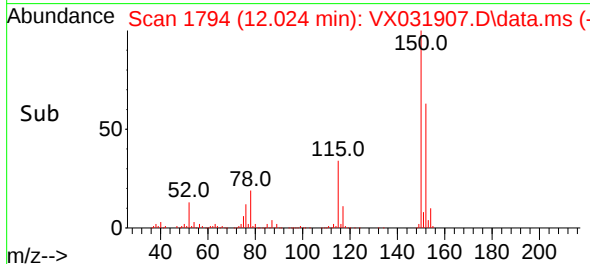
Instrument :
MSVOA_X
ClientSampleId :
MW-3DL



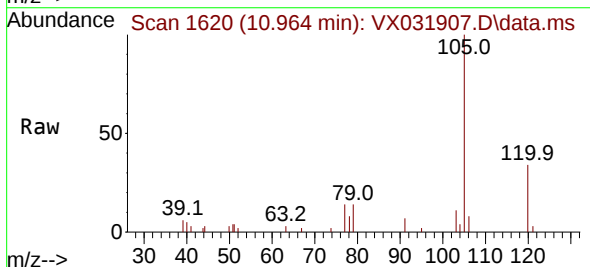
Tgt Ion:152 Resp: 11532
Ion Ratio Lower Upper
152 100
115 55.2 43.4 130.1
150 159.1 0.0 346.8

Manual Integrations
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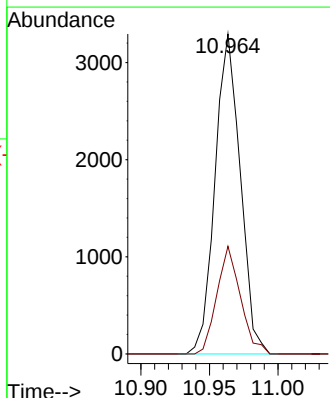
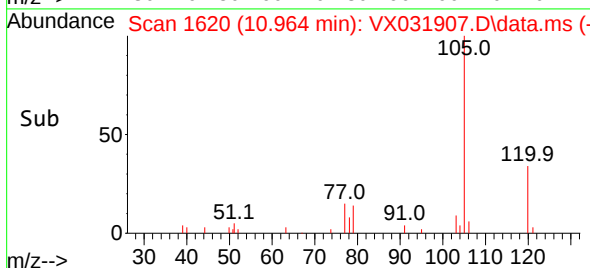
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022

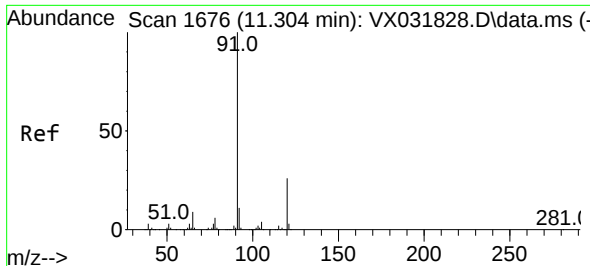


#73
Isopropylbenzene
Concen: 0.549 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX031907.D
Acq: 05 Oct 2022 19:59



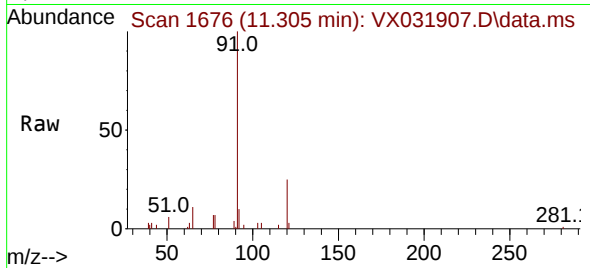
Tgt Ion:105 Resp: 4208
Ion Ratio Lower Upper
105 100
120 31.5 13.7 41.0





#78
n-propylbenzene
Concen: 0.607 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX031907.D
Acq: 05 Oct 2022 19:59

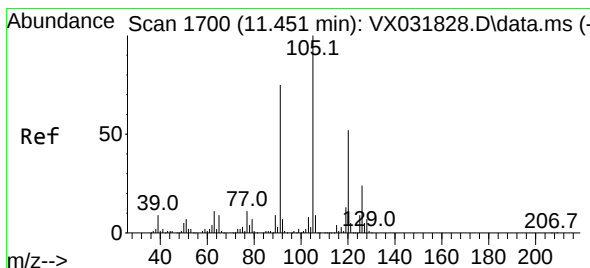
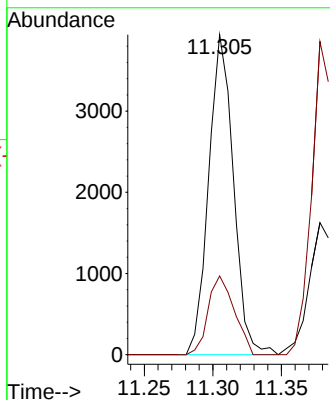
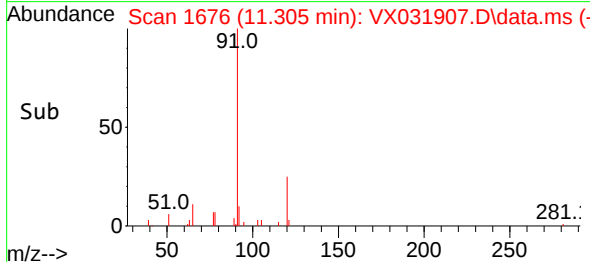
Instrument :
MSVOA_X
ClientSampleId :
MW-3DL



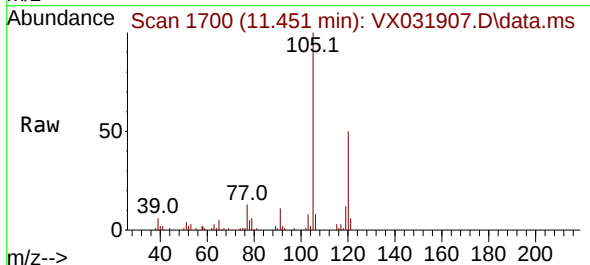
Tgt Ion: 91 Resp: 4950
Ion Ratio Lower Upper
91 100
120 25.9 11.8 35.4

Manual Integrations
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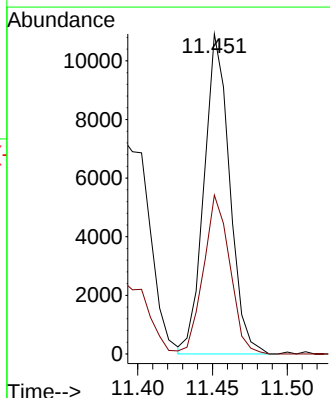
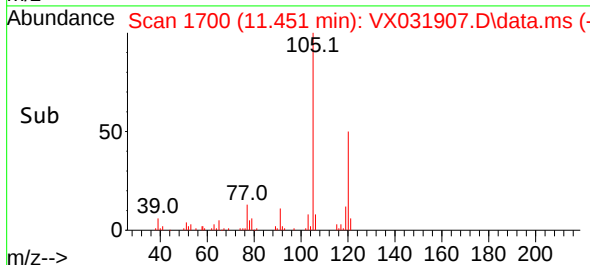
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022

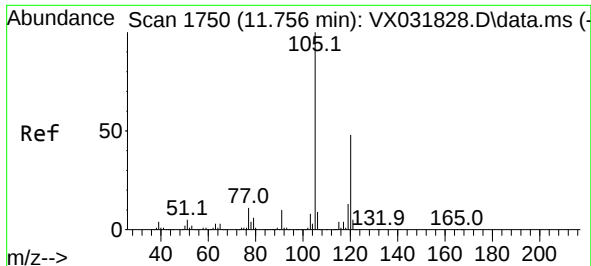


#80
1,3,5-Trimethylbenzene
Concen: 2.053 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX031907.D
Acq: 05 Oct 2022 19:59



Tgt Ion:105 Resp: 13015
Ion Ratio Lower Upper
105 100
120 50.9 24.5 73.5





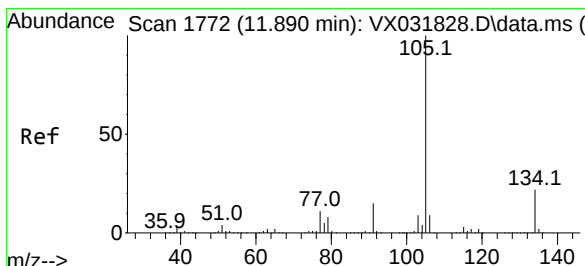
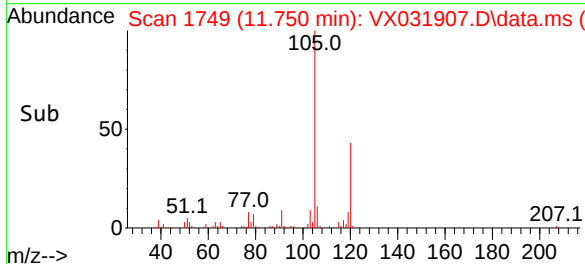
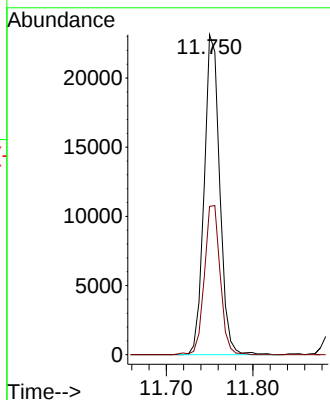
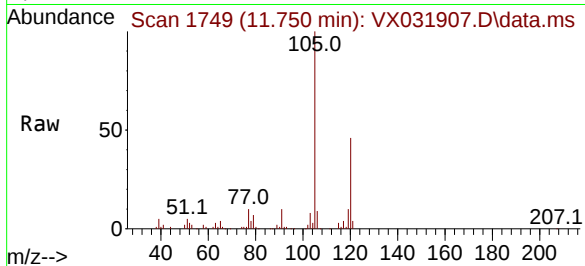
#84
1,2,4-Trimethylbenzene
Concen: 4.554 ug/l
RT: 11.750 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX031907.D
Acq: 05 Oct 2022 19:59

Instrument :
MSVOA_X
ClientSampleId :
MW-3DL

Tgt Ion:105 Resp: 28839
Ion Ratio Lower Upper
105 100
120 47.4 22.6 67.8

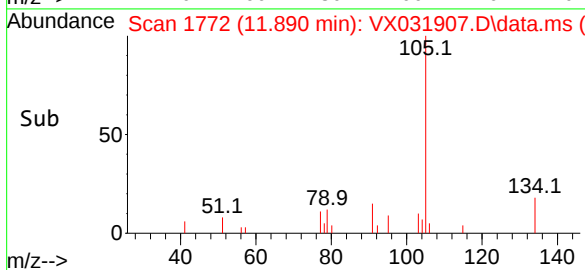
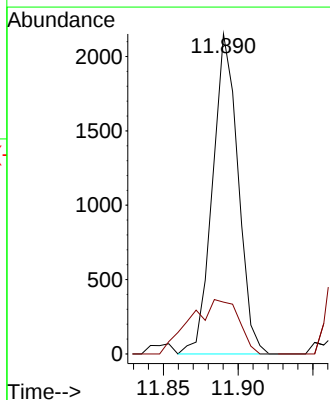
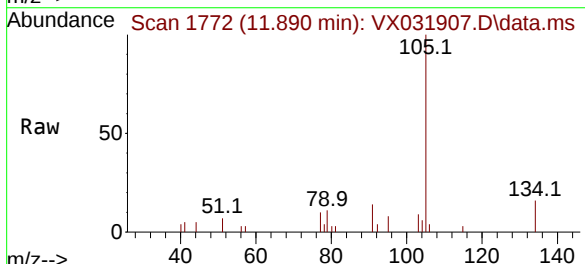
Manual Integrations
APPROVED

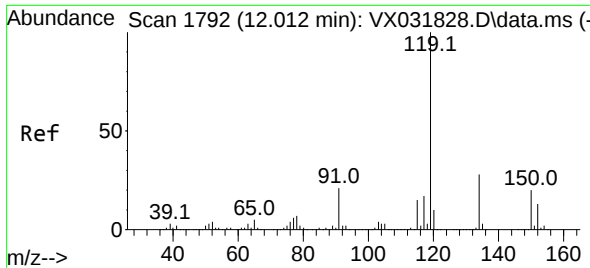
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#85
sec-Butylbenzene
Concen: 0.331 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX031907.D
Acq: 05 Oct 2022 19:59

Tgt Ion:105 Resp: 2553
Ion Ratio Lower Upper
105 100
134 32.3 10.4 31.1#





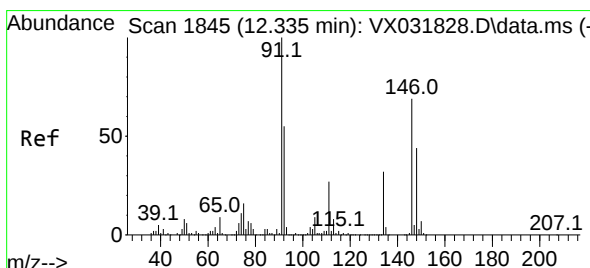
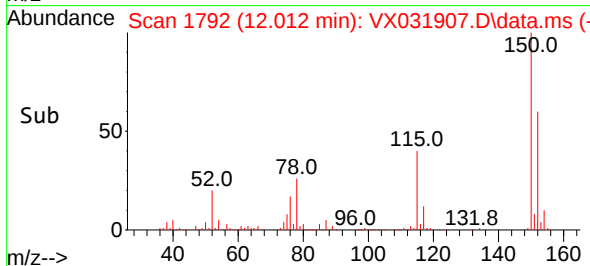
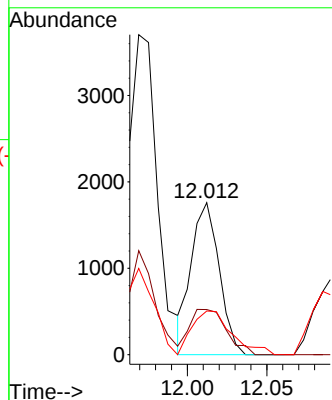
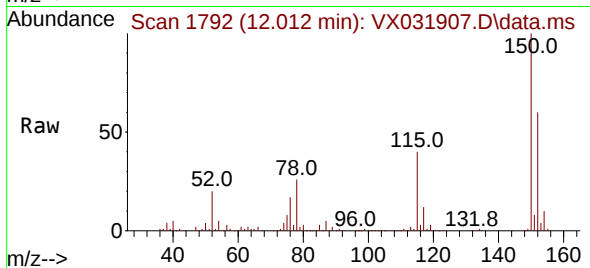
#86
p-Isopropyltoluene
Concen: 0.315 ug/l m
RT: 12.012 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VX031907.D
Acq: 05 Oct 2022 19:59

Instrument :
MSVOA_X
ClientSampleId :
MW-3DL

Tgt Ion: 119 Resp: 2149
Ion Ratio Lower Upper
119 100
134 65.0 13.4 40.2
91 58.3 12.4 37.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#89
n-Butylbenzene
Concen: 0.556 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX031907.D
Acq: 05 Oct 2022 19:59

Tgt Ion: 91 Resp: 2823
Ion Ratio Lower Upper
91 100
92 29.9 27.0 81.0
134 120.7 13.3 39.9

