

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100422\
 Data File : VX031872.D
 Acq On : 04 Oct 2022 16:19
 Operator : JC/MD
 Sample : N4762-06
 Misc : 7.08g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 D22017-(6-6.5)

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/05/2022
 Supervised By : Mahesh Dadoda 10/05/2022

Quant Time: Oct 05 07:03:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100322W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 06:59:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	152149	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	203868	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	205814	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	154494	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	103799	38.080	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	76.160%		
35) Dibromofluoromethane	5.385	113	101267	41.808	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	83.620%		
50) Toluene-d8	8.647	98	391903	45.229	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	90.460%		
62) 4-Bromofluorobenzene	11.085	95	130833	41.930	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	83.860%		
Target Compounds						
						Qvalue
31) Cyclohexane	5.464	56	556075	171.288	ug/l	# 83
39) Methylcyclohexane	7.379	83	963437	261.486	ug/l	87
40) Benzene	6.031	78	415462	47.885	ug/l	99
52) Toluene	8.720	92	76785	12.624	ug/l	97
67) Ethyl Benzene	10.195	91	5207544	506.943	ug/l	89
68) m/p-Xylenes	10.305	106	4699042	1108.017	ug/l	79
69) o-Xylene	10.646	106	121670	29.779	ug/l	92
73) Isopropylbenzene	10.963	105	655008	60.022	ug/l	97
78) n-propylbenzene	11.305	91	2458026	206.080	ug/l	93
80) 1,3,5-Trimethylbenzene	11.457	105	3269589	358.796	ug/l	94
84) 1,2,4-Trimethylbenzene	11.762	105	9910716	1092.760	ug/l	79
86) p-Isopropyltoluene	12.012	119	156566m	16.180	ug/l	
89) n-Butylbenzene	12.335	91	930209	121.702	ug/l	# 22
95) Naphthalene	13.780	128	3013459	290.625	ug/l	98

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

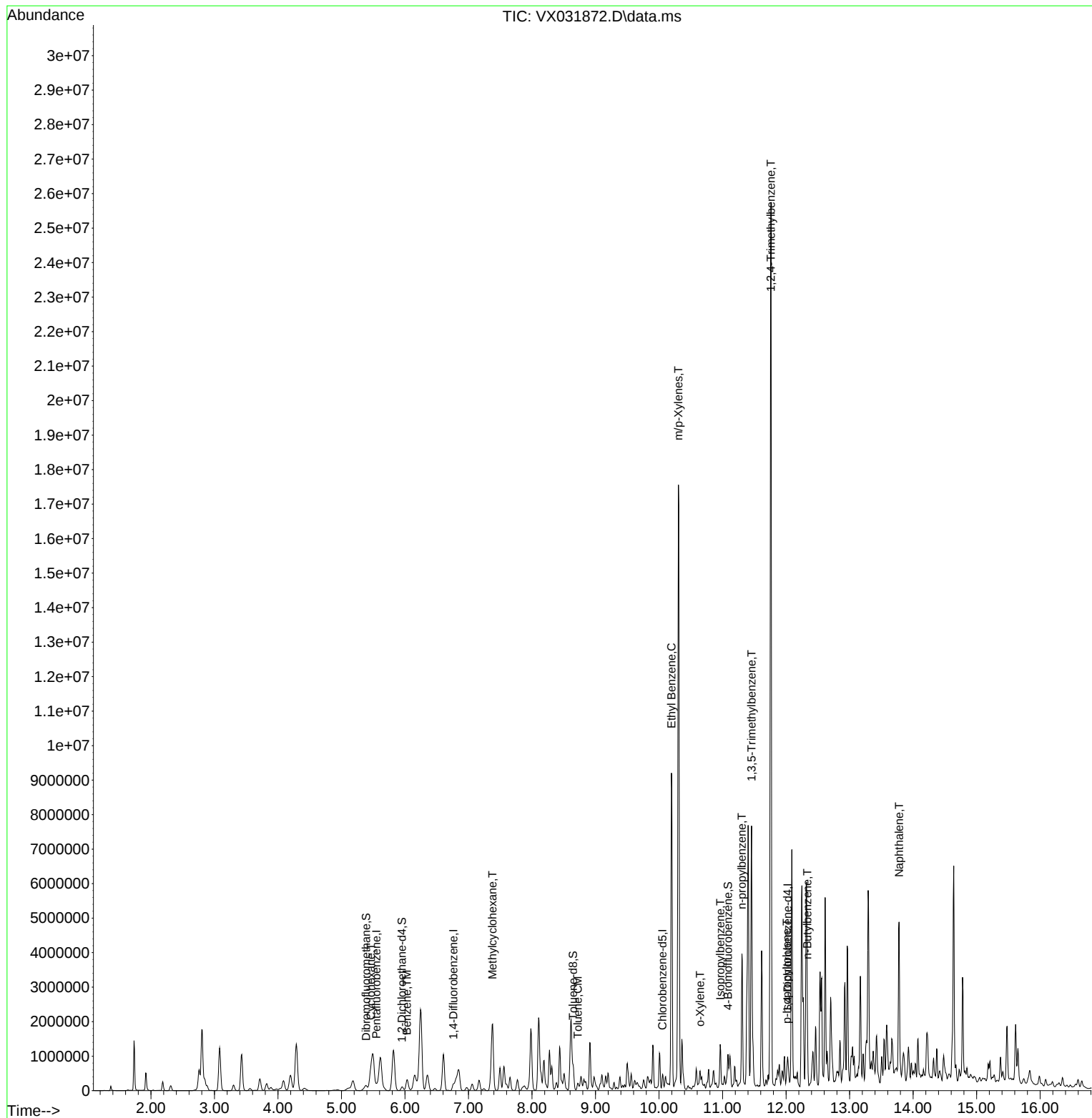
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100422\
Data File : VX031872.D
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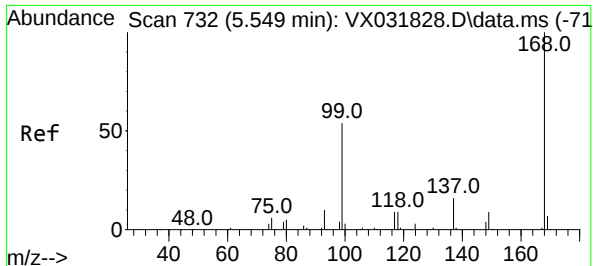
Instrument :
MSVOA_X
ClientSampleId :
D22017-(6-6.5)

Quant Time: Oct 05 07:03:28 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100322W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 04 06:59:30 2022
Response via : Initial Calibration

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APPROVED

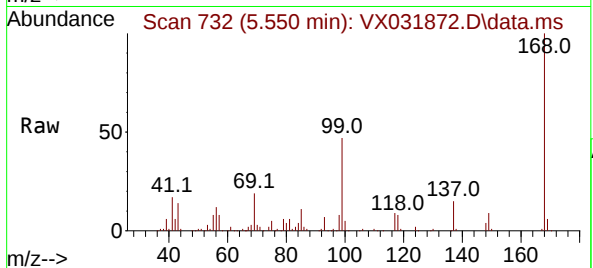
Reviewed By : John Carlone 10/05/2022
Supervised By : Mahesh Dadoda 10/05/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX031872.D
Acq: 04 Oct 2022 16:19

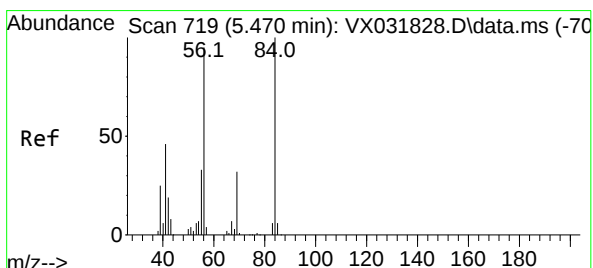
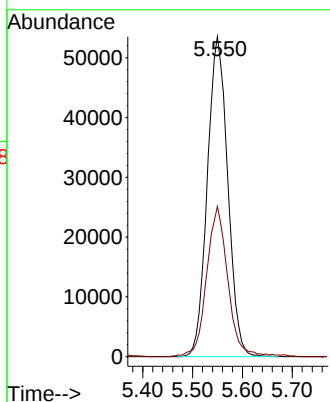
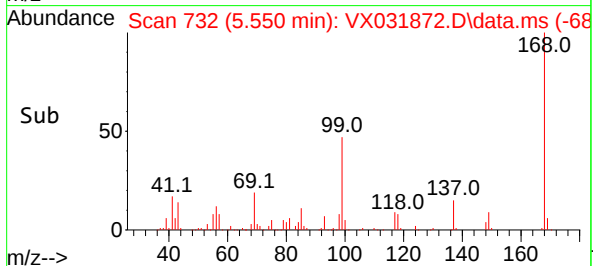
Instrument :
MSVOA_X
ClientSampleId :
D22017-(6-6.5)



Tgt Ion:168 Resp: 152149
Ion Ratio Lower Upper
168 100
99 46.5 48.8 73.2

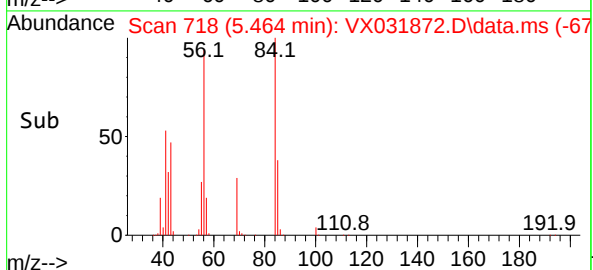
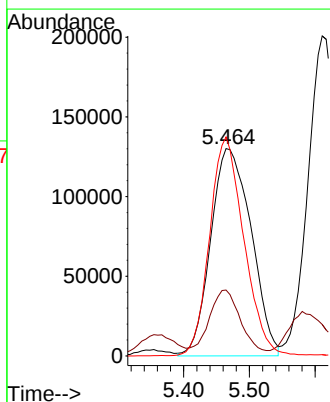
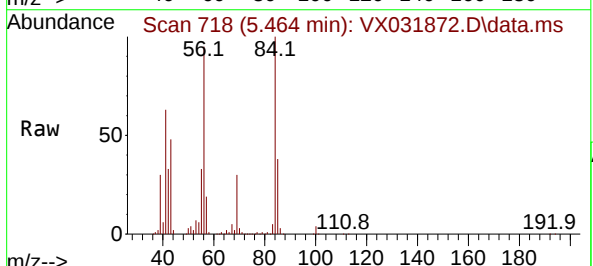
Manual Integrations
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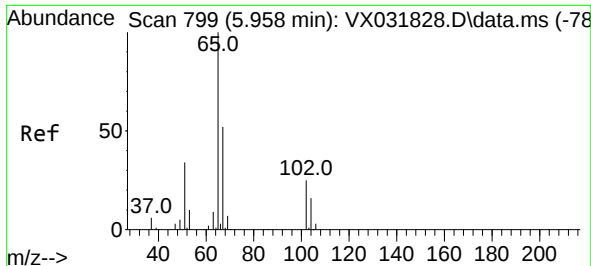
Reviewed By :John Carlone 10/05/2022
Supervised By :Mahesh Dadoda 10/05/2022



#31
Cyclohexane
Concen: 171.288 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX031872.D
Acq: 04 Oct 2022 16:19

Tgt Ion: 56 Resp: 556075
Ion Ratio Lower Upper
56 100
69 27.2 25.1 37.7
84 106.5 70.2 105.4





#33

1,2-Dichloroethane-d4

Concen: 38.080 ug/l

RT: 5.952 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031872.D

Acq: 04 Oct 2022 16:19

Instrument :

MSVOA_X

ClientSampleId :

D22017-(6-6.5)

Tgt Ion: 65 Resp: 103799

Ion Ratio Lower Upper

65 100

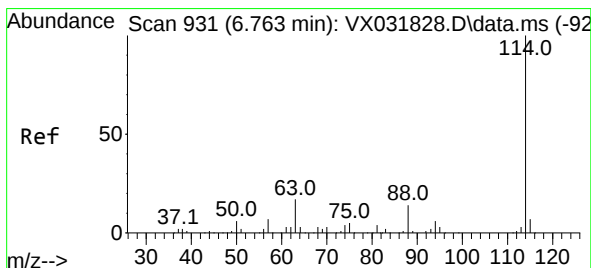
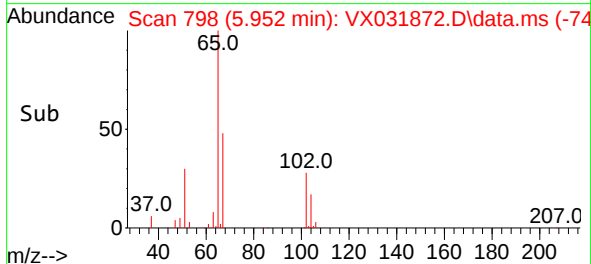
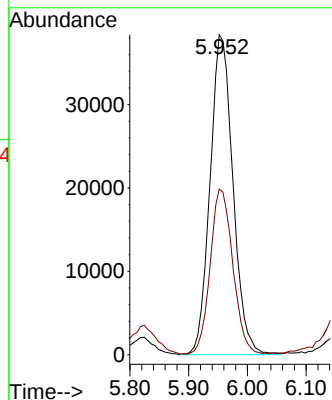
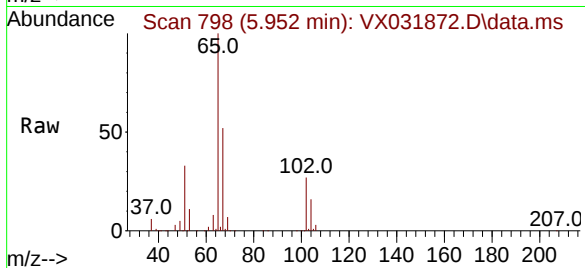
67 50.9 0.0 102.4

Manual Integrations

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Supervised By :Mahesh Dadoda 10/05/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX031872.D

Acq: 04 Oct 2022 16:19

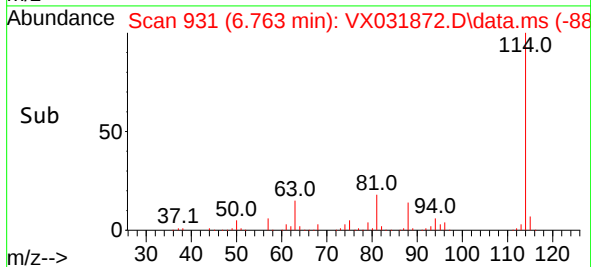
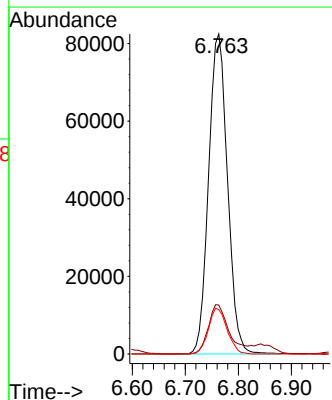
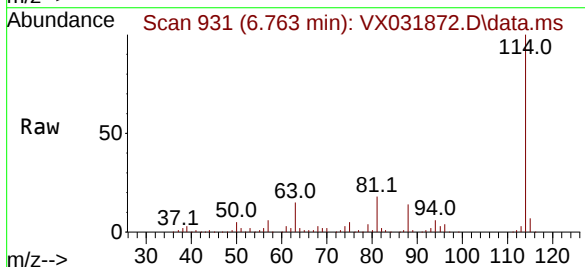
Tgt Ion:114 Resp: 203868

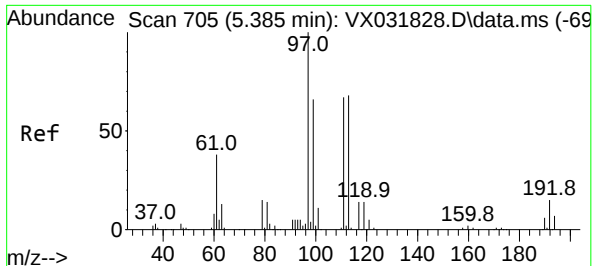
Ion Ratio Lower Upper

114 100

63 15.2 0.0 42.6

88 13.9 0.0 33.0





#35

Dibromofluoromethane

Concen: 41.808 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX031872.D

Acq: 04 Oct 2022 16:19

Instrument :

MSVOA_X

ClientSampleId :

D22017-(6-6.5)

Tgt Ion:113 Resp: 10126

Ion Ratio Lower Upper

113 100

111 100.5 82.4 123.6

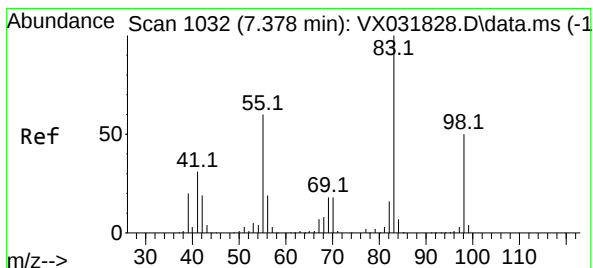
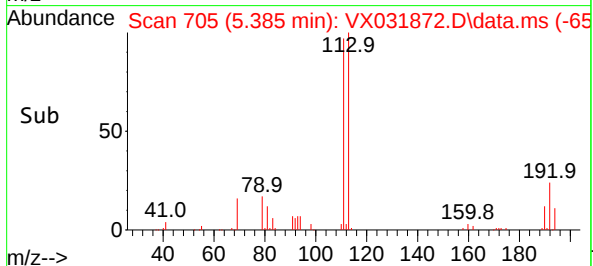
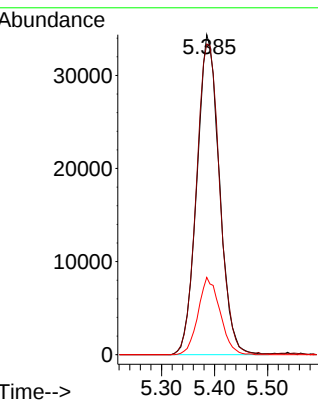
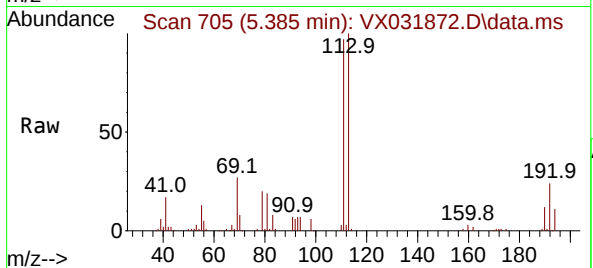
192 23.5 14.1 21.1

Manual Integrations

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Reviewed By :John Carlone 10/05/2022

Supervised By :Mahesh Dadoda 10/05/2022



#39

Methylcyclohexane

Concen: 261.486 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX031872.D

Acq: 04 Oct 2022 16:19

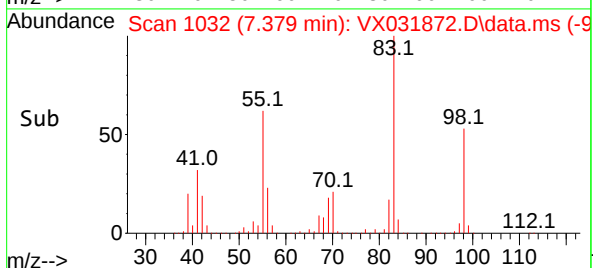
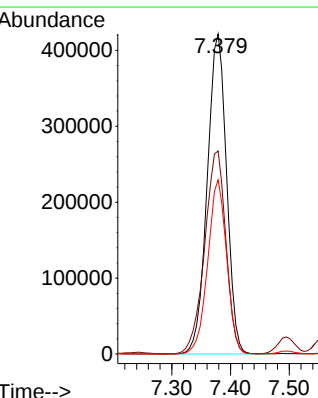
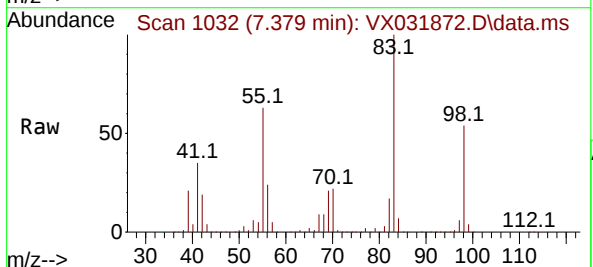
Tgt Ion: 83 Resp: 963437

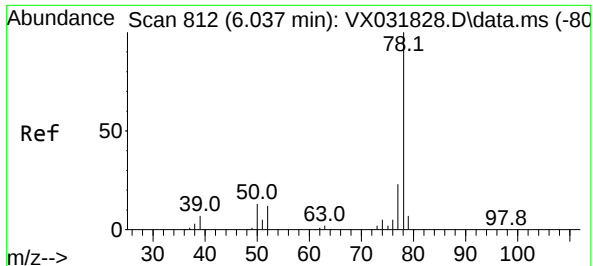
Ion Ratio Lower Upper

83 100

55 63.4 61.0 91.4

98 54.4 37.7 56.5





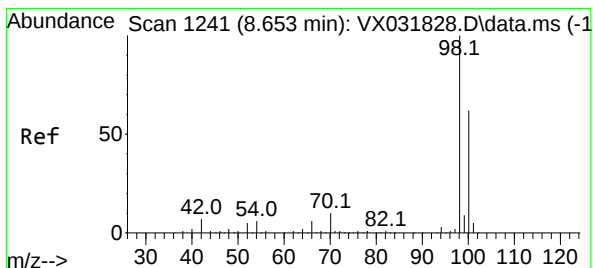
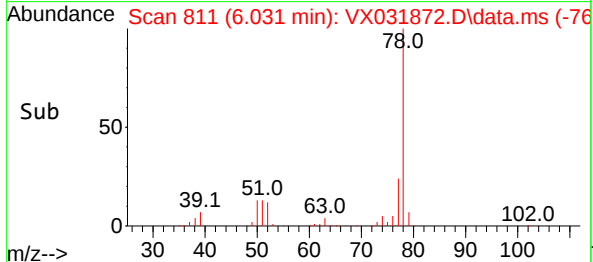
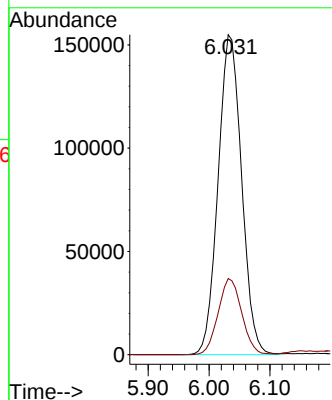
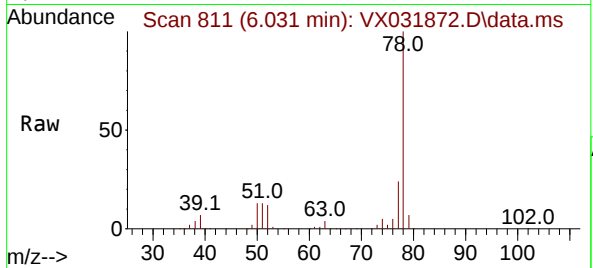
#40
Benzene
Concen: 47.885 ug/l
RT: 6.031 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX031872.D
Acq: 04 Oct 2022 16:19

Instrument :
MSVOA_X
ClientSampleId :
D22017-(6-6.5)

Tgt Ion: 78 Resp: 415462
Ion Ratio Lower Upper
78 100
77 23.8 18.7 28.1

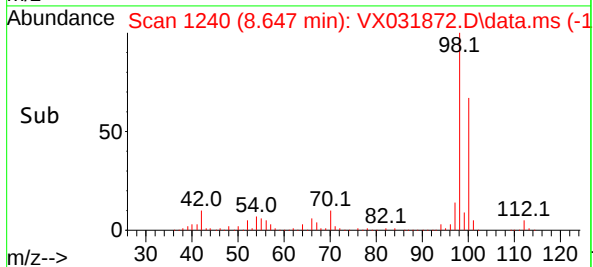
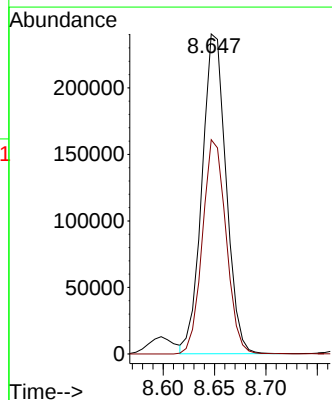
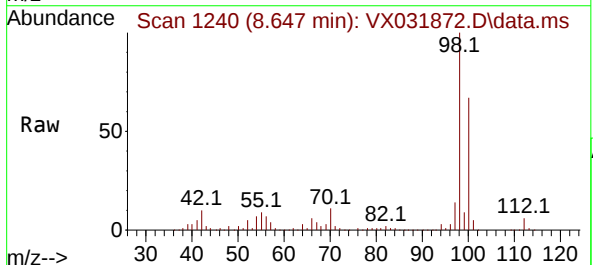
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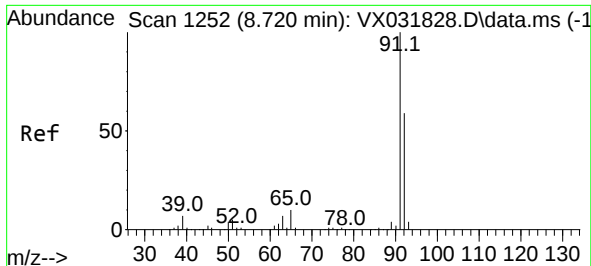
Reviewed By :John Carlone 10/05/2022
Supervised By :Mahesh Dadoda 10/05/2022



#50
Toluene-d8
Concen: 45.229 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX031872.D
Acq: 04 Oct 2022 16:19

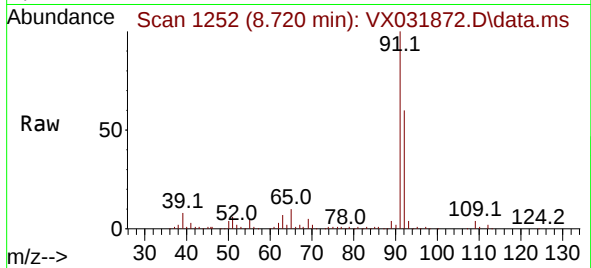
Tgt Ion: 98 Resp: 391903
Ion Ratio Lower Upper
98 100
100 65.8 52.5 78.7





#52
Toluene
Concen: 12.624 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031872.D
Acq: 04 Oct 2022 16:19

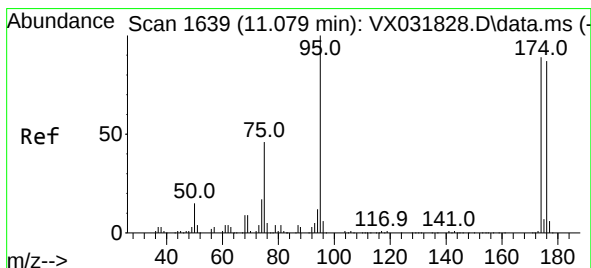
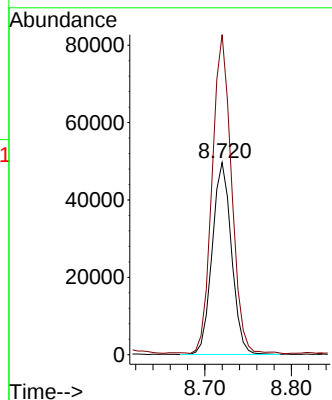
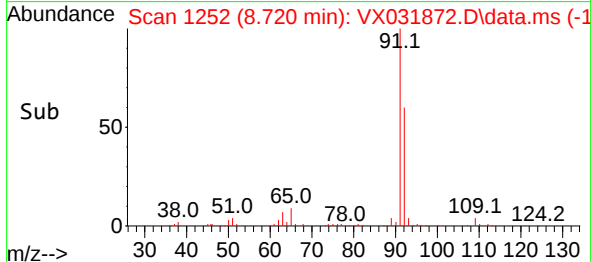
Instrument :
MSVOA_X
ClientSampleId :
D22017-(6-6.5)



Tgt Ion: 92 Resp: 76785
Ion Ratio Lower Upper
92 100
91 167.3 137.1 205.7

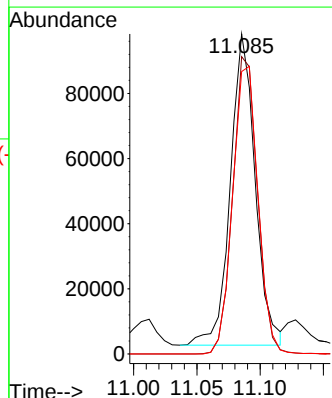
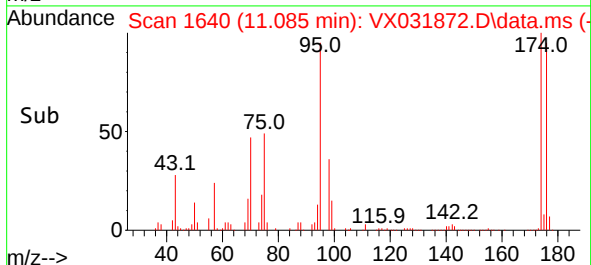
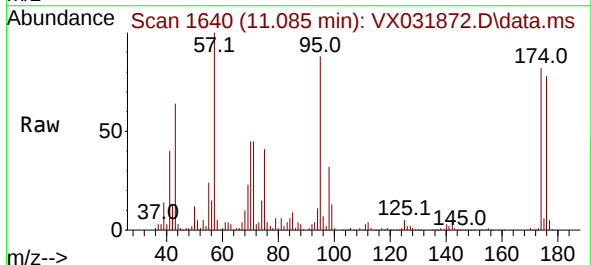
Manual Integrations
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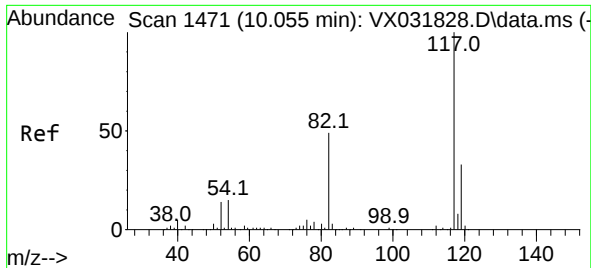
Reviewed By :John Carlone 10/05/2022
Supervised By :Mahesh Dadoda 10/05/2022



#62
4-Bromofluorobenzene
Concen: 41.930 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX031872.D
Acq: 04 Oct 2022 16:19

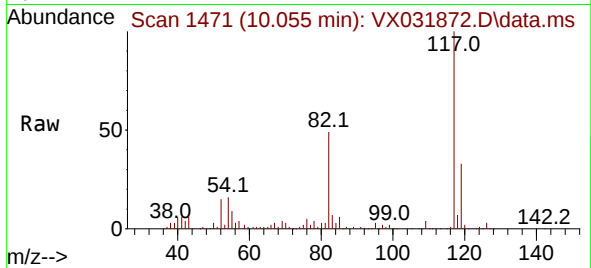
Tgt Ion: 95 Resp: 130833
Ion Ratio Lower Upper
95 100
174 95.1 0.0 153.2
176 94.3 0.0 144.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031872.D
Acq: 04 Oct 2022 16:19

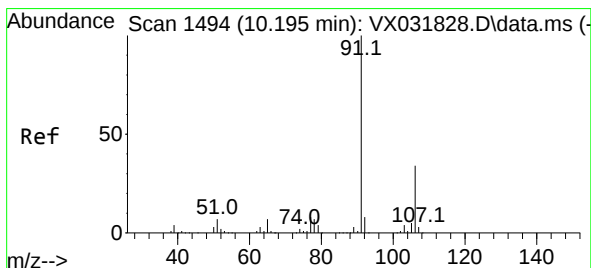
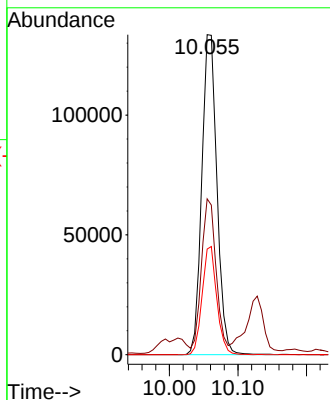
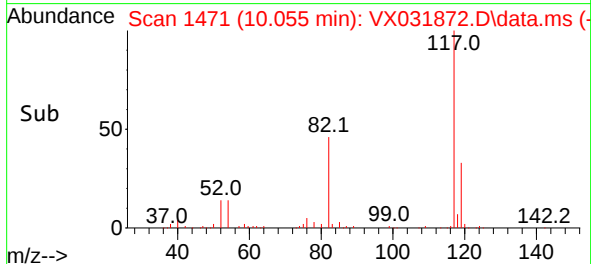
Instrument :
MSVOA_X
ClientSampleId :
D22017-(6-6.5)



Tgt Ion:117 Resp: 205814
Ion Ratio Lower Upper
117 100
82 47.4 46.8 70.2
119 33.0 26.4 39.6

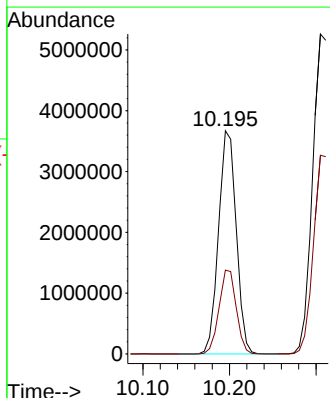
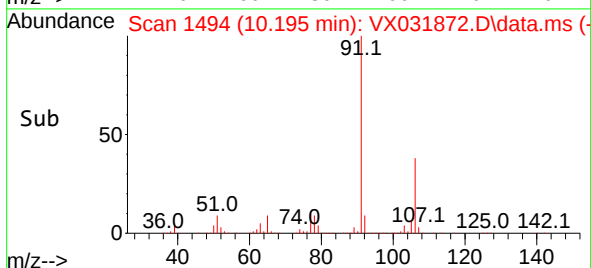
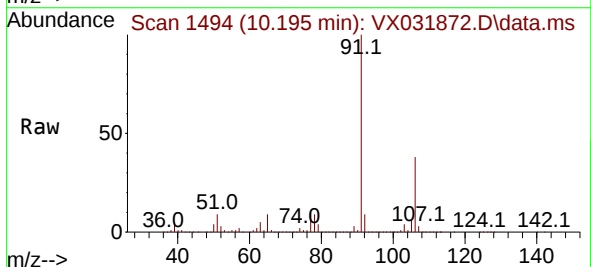
Manual Integrations
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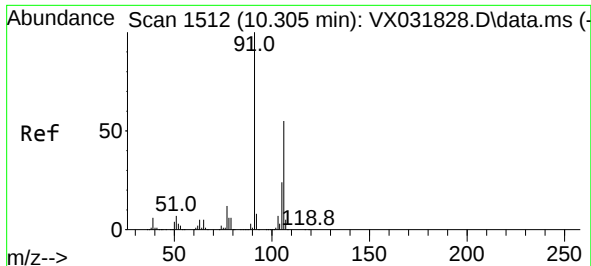
Reviewed By :John Carlone 10/05/2022
Supervised By :Mahesh Dadoda 10/05/2022



#67
Ethyl Benzene
Concen: 506.943 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX031872.D
Acq: 04 Oct 2022 16:19

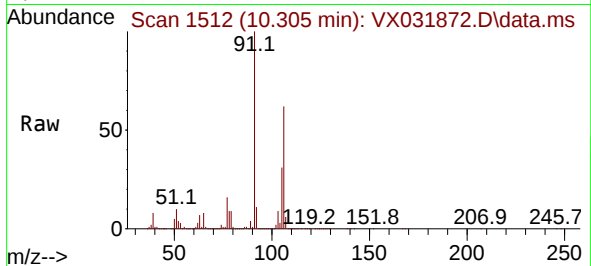
Tgt Ion: 91 Resp: 5207544
Ion Ratio Lower Upper
91 100
106 37.5 25.2 37.8





#68
m/p-Xylenes
Concen: 1108.017 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX031872.D
Acq: 04 Oct 2022 16:19

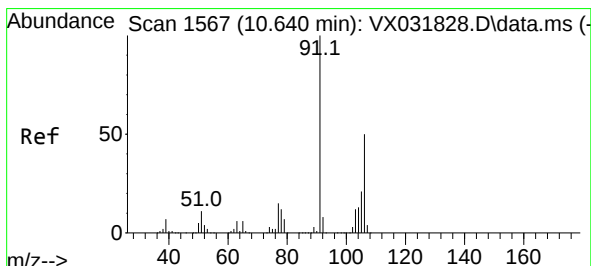
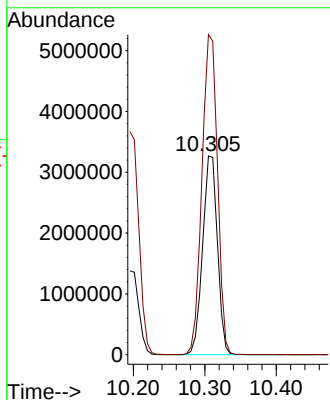
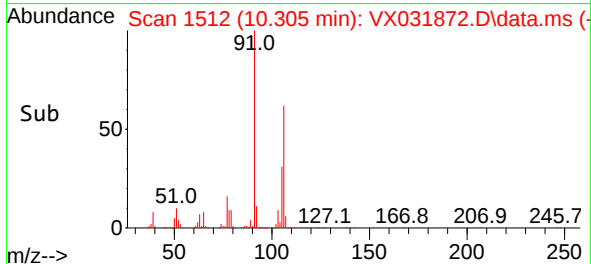
Instrument :
MSVOA_X
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D22017-(6-6.5)



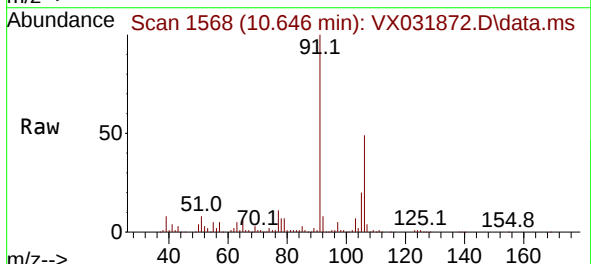
Tgt Ion:106 Resp: 469904
Ion Ratio Lower Upper
106 100
91 169.3 161.0 241.4

Manual Integrations
APPROVED

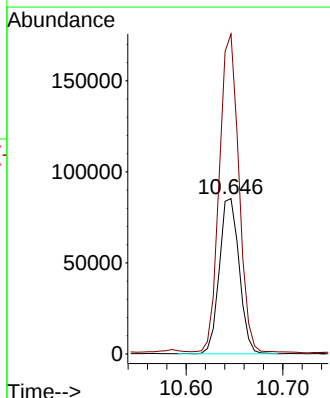
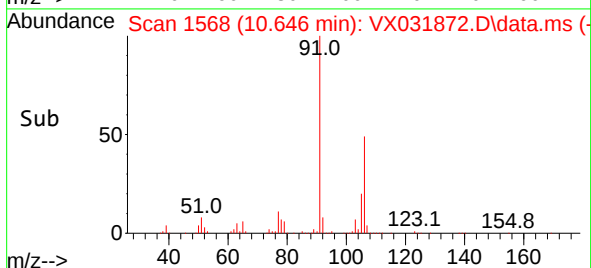
Reviewed By :John Carlone 10/05/2022
Supervised By :Mahesh Dadoda 10/05/2022

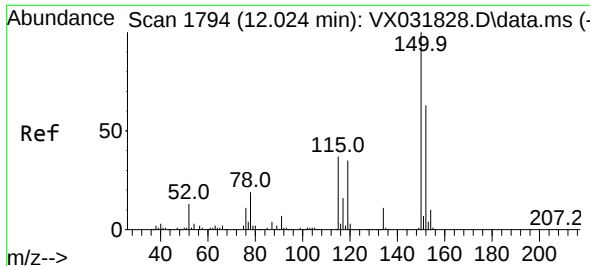


#69
o-Xylene
Concen: 29.779 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX031872.D
Acq: 04 Oct 2022 16:19



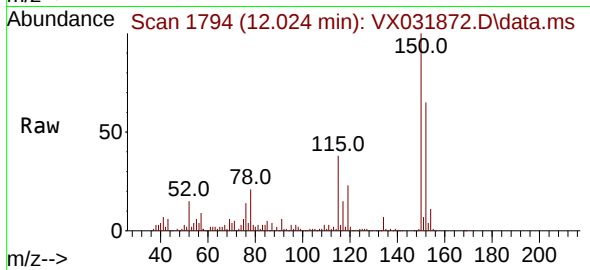
Tgt Ion:106 Resp: 121670
Ion Ratio Lower Upper
106 100
91 202.3 107.2 321.6





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031872.D
Acq: 04 Oct 2022 16:19

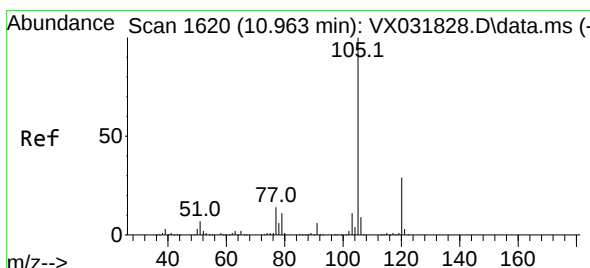
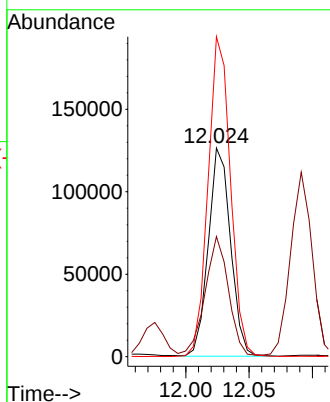
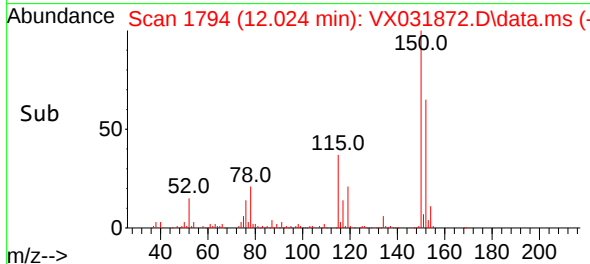
Instrument :
MSVOA_X
ClientSampleId :
D22017-(6-6.5)



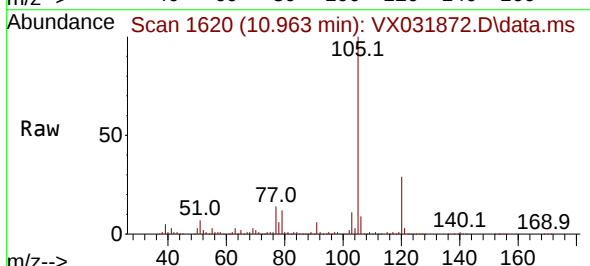
Tgt Ion:152 Resp: 154494
Ion Ratio Lower Upper
152 100
115 59.4 43.4 130.1
150 154.4 0.0 346.8

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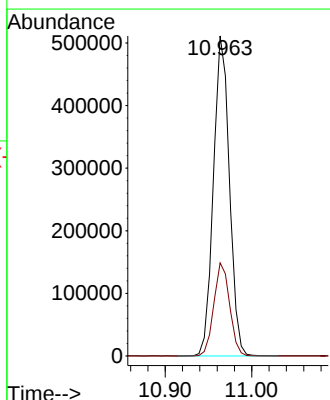
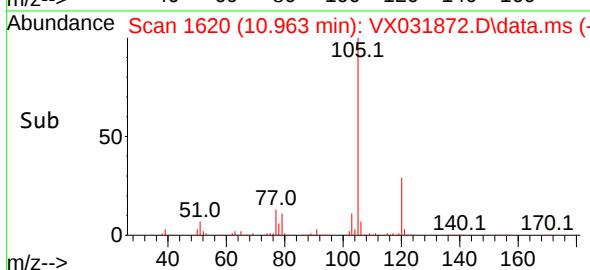
Reviewed By :John Carlone 10/05/2022
Supervised By :Mahesh Dadoda 10/05/2022

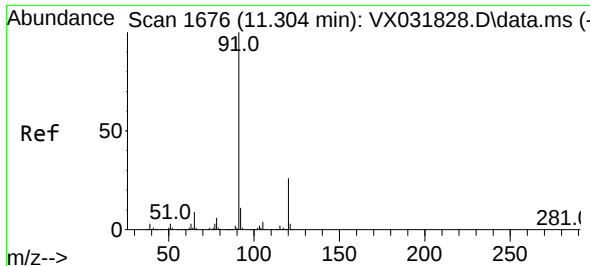


#73
Isopropylbenzene
Concen: 60.022 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX031872.D
Acq: 04 Oct 2022 16:19



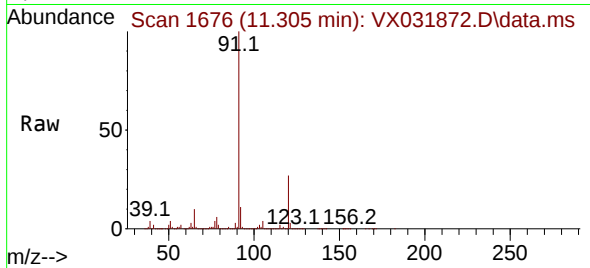
Tgt Ion:105 Resp: 655008
Ion Ratio Lower Upper
105 100
120 28.8 13.7 41.0





#78
n-propylbenzene
Concen: 206.080 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX031872.D
Acq: 04 Oct 2022 16:19

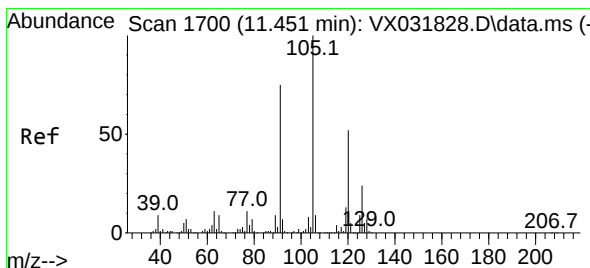
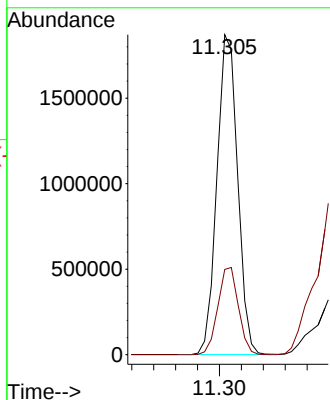
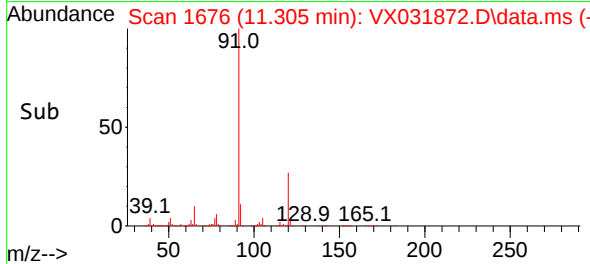
Instrument :
MSVOA_X
ClientSampleId :
D22017-(6-6.5)



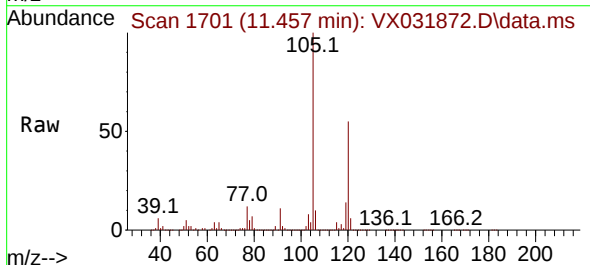
Tgt Ion: 91 Resp: 2458020
Ion Ratio Lower Upper
91 100
120 27.1 11.8 35.4

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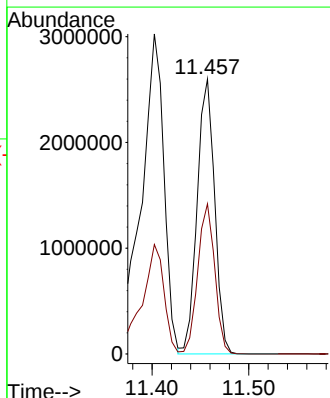
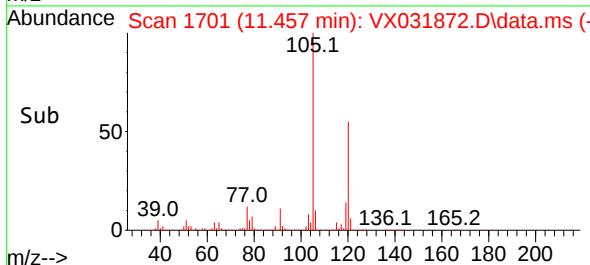
Reviewed By :John Carlone 10/05/2022
Supervised By :Mahesh Dadoda 10/05/2022

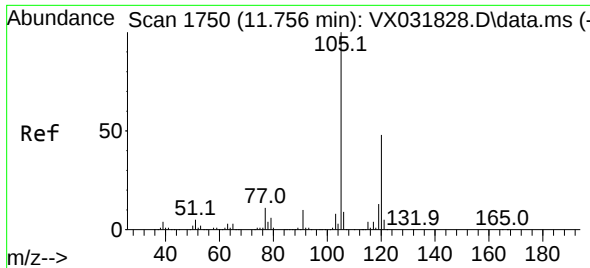


#80
1,3,5-Trimethylbenzene
Concen: 358.796 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX031872.D
Acq: 04 Oct 2022 16:19



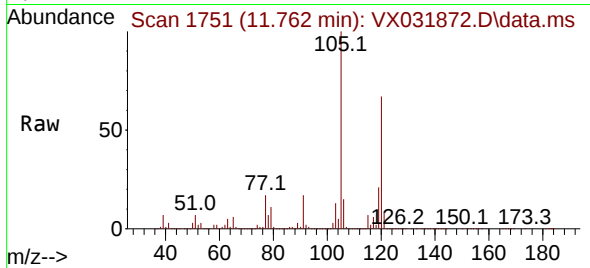
Tgt Ion:105 Resp: 3269589
Ion Ratio Lower Upper
105 100
120 53.3 24.5 73.5





#84
 1,2,4-Trimethylbenzene
 Concen: 1092.760 ug/l
 RT: 11.762 min Scan# 1751
 Delta R.T. 0.012 min
 Lab File: VX031872.D
 Acq: 04 Oct 2022 16:19

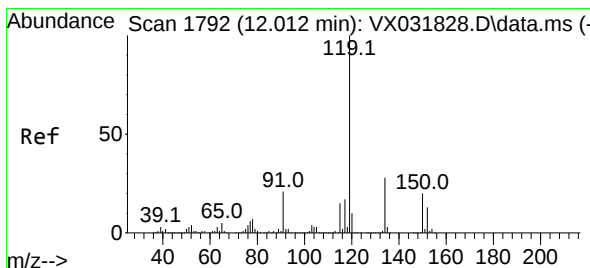
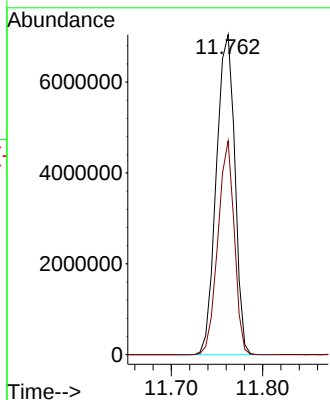
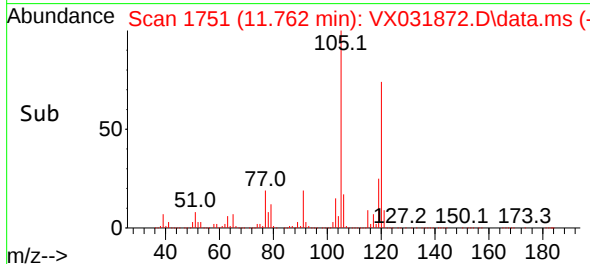
Instrument :
 MSVOA_X
 ClientSampleId :
 D22017-(6-6.5)



Tgt Ion:105 Resp: 9910710
 Ion Ratio Lower Upper
 105 100
 120 59.2 22.6 67.8

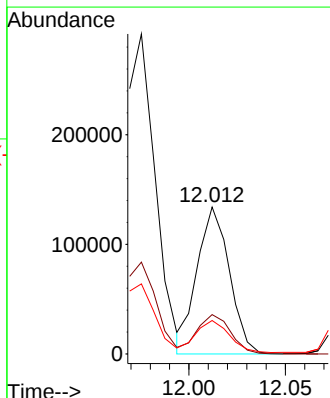
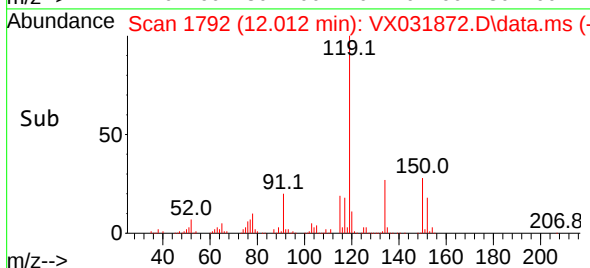
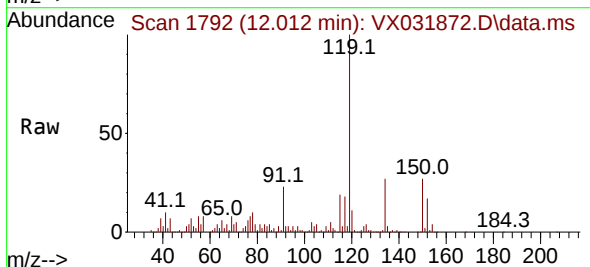
Manual Integrations
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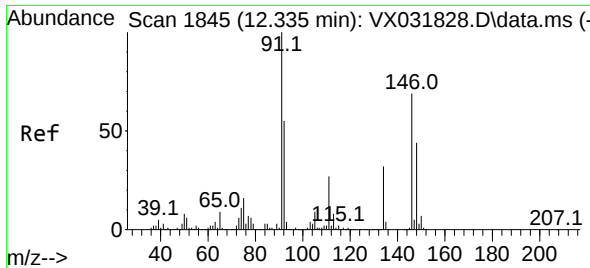
Reviewed By :John Carlone 10/05/2022
 Supervised By :Mahesh Dadoda 10/05/2022



#86
 p-Isopropyltoluene
 Concen: 16.180 ug/l m
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX031872.D
 Acq: 04 Oct 2022 16:19

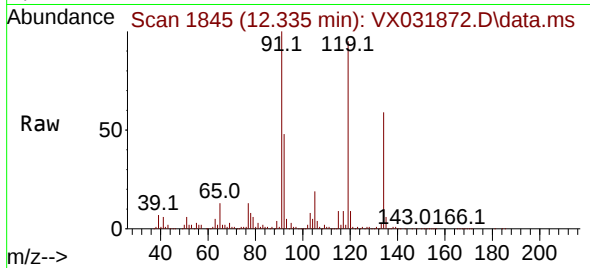
Tgt Ion:119 Resp: 156566
 Ion Ratio Lower Upper
 119 100
 134 64.8 13.4 40.2#
 91 49.0 12.4 37.2#





#89
n-Butylbenzene
Concen: 121.702 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX031872.D
Acq: 04 Oct 2022 16:19

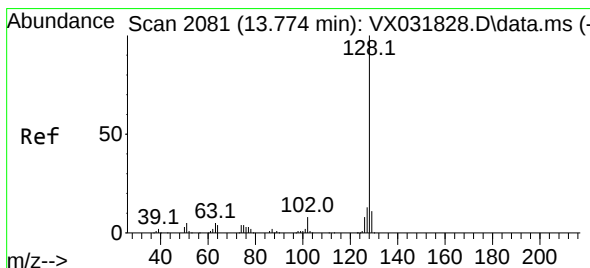
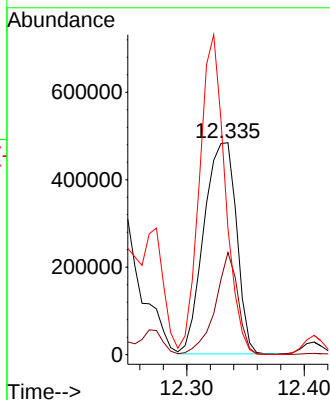
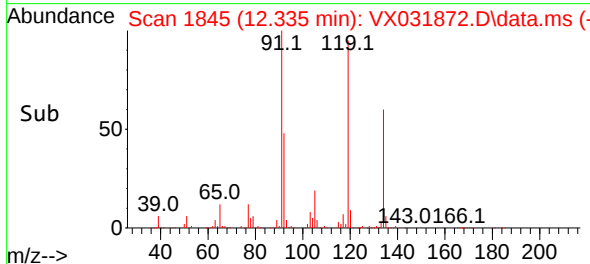
Instrument :
MSVOA_X
ClientSampleId :
D22017-(6-6.5)



Tgt Ion: 91 Resp: 930209
Ion Ratio Lower Upper
91 100
92 33.8 27.0 81.0
134 119.1 13.3 39.9

Manual Integrations
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Reviewed By :John Carlone 10/05/2022
Supervised By :Mahesh Dadoda 10/05/2022



#95
Naphthalene
Concen: 290.625 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX031872.D
Acq: 04 Oct 2022 16:19

Tgt Ion:128 Resp: 3013459
Ion Ratio Lower Upper
128 100
127 13.5 10.4 15.6
129 12.1 8.8 13.2

