

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050422\
 Data File : VX028524.D
 Acq On : 04 May 2022 16:15
 Operator : JC/MD
 Sample : N2695-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 INF0522

Manual Integrations
 APPROVED

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

Quant Time: May 05 03:19:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:38:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	413866	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	694296	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	682649	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	359859	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	271900	50.386	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.780%			
35) Dibromofluoromethane	5.391	113	262014	53.812	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 107.620%			
50) Toluene-d8	8.653	98	949491	50.772	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.540%			
62) 4-Bromofluorobenzene	11.079	95	373853	52.284	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 104.560%			
Target Compounds					Qvalue	
22) Diisopropyl ether	3.763	45	13680	1.125	ug/l	95
25) 2-Butanone	4.568	43	2844	0.890	ug/l #	88
31) Cyclohexane	5.477	56	237503	36.125	ug/l	93
39) Methylcyclohexane	7.385	83	126674	15.807	ug/l	97
40) Benzene	6.043	78	5056717	271.992	ug/l	98
52) Toluene	8.720	92	987347	76.442	ug/l	97
67) Ethyl Benzene	10.195	91	5928233	242.905	ug/l #	89
68) m/p-Xylenes	10.305	106	6089778	613.093	ug/l	76
69) o-Xylene	10.646	106	981609	99.120	ug/l	95
73) Isopropylbenzene	10.963	105	600263	24.268	ug/l	100
78) n-propylbenzene	11.305	91	1282230	46.751	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	1010451	48.126	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	4694326	224.922	ug/l	93
85) sec-Butylbenzene	11.890	105	44710m	1.729	ug/l	
86) p-Isopropyltoluene	12.012	119	21506	0.964	ug/l #	75
95) Naphthalene	13.780	128	1905860	79.998	ug/l	99

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

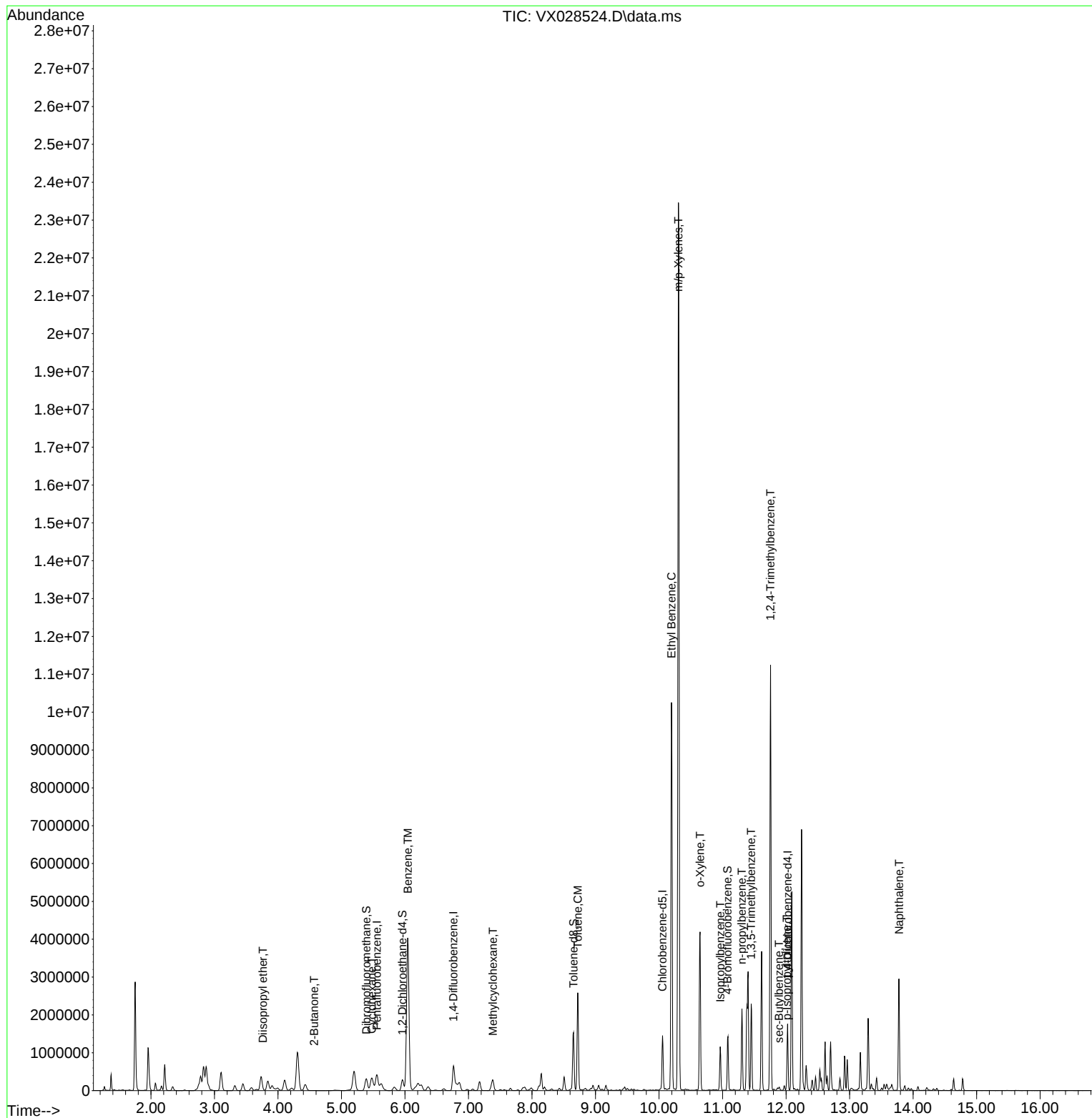
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050422\
Data File : VX028524.D
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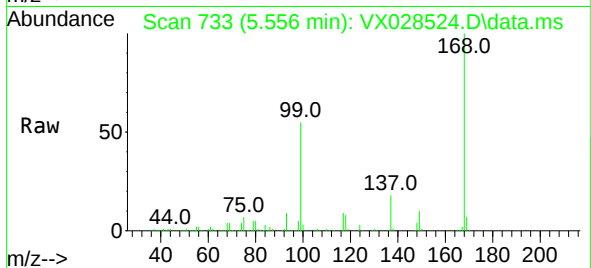
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX028524.D
Acq: 04 May 2022 16:15

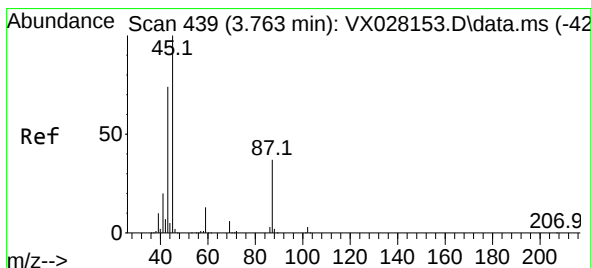
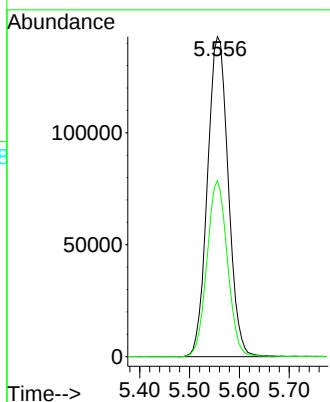
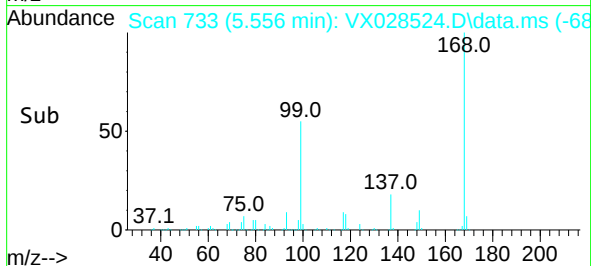
Instrument :
MSVOA_X
ClientSampleId :
INF0522



Tgt Ion:168 Resp: 413860
Ion Ratio Lower Upper
168 100
99 55.0 41.7 62.5

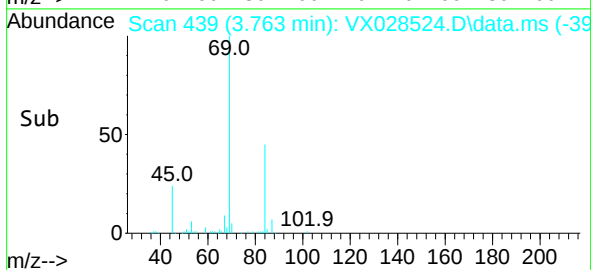
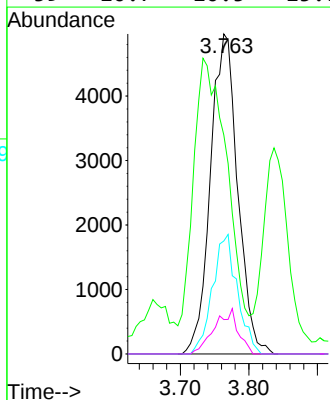
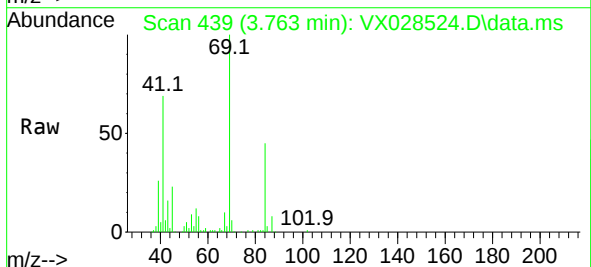
Manual Integrations
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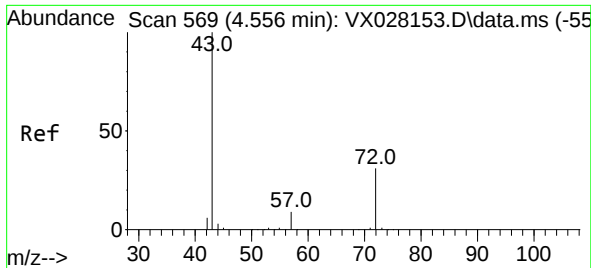
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022



#22
Diisopropyl ether
Concen: 1.125 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX028524.D
Acq: 04 May 2022 16:15

Tgt Ion: 45 Resp: 13680
Ion Ratio Lower Upper
45 100
43 59.6 50.8 76.2
87 35.3 26.6 39.8
59 10.7 10.5 15.7





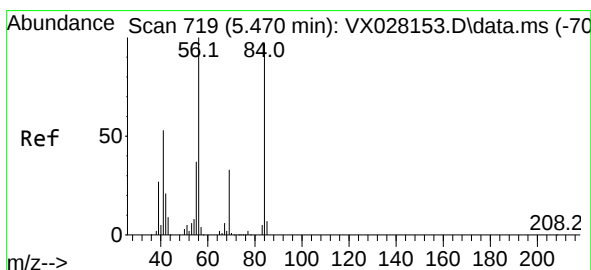
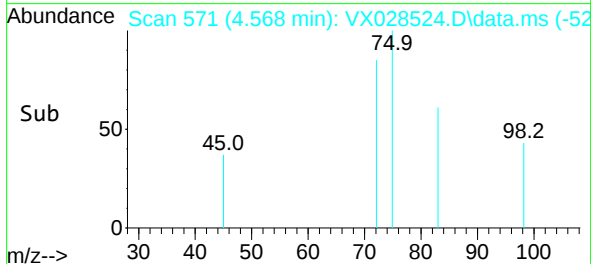
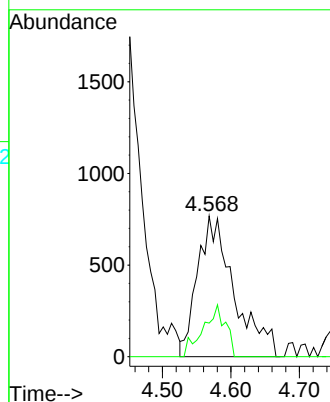
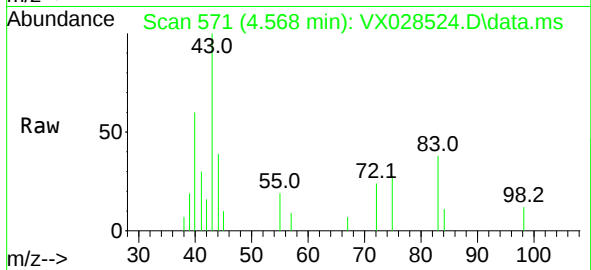
#25
2-Butanone
Concen: 0.890 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX028524.D
Acq: 04 May 2022 16:15

Instrument :
MSVOA_X
ClientSampleId :
INF0522

Tgt Ion: 43 Resp: 2844
Ion Ratio Lower Upper
43 100
72 24.0 24.4 36.6

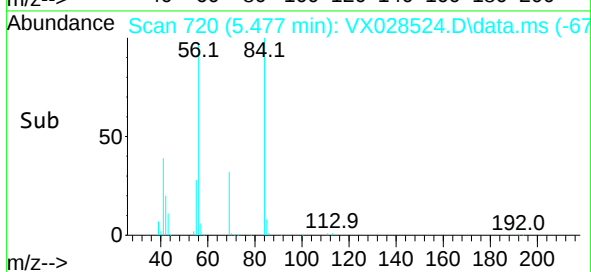
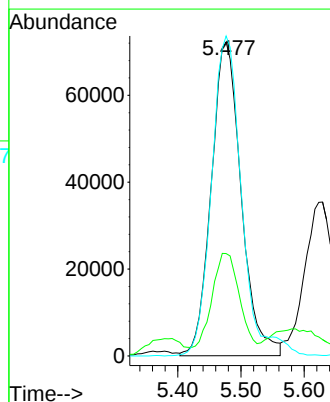
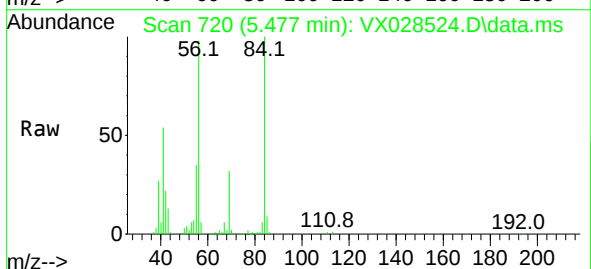
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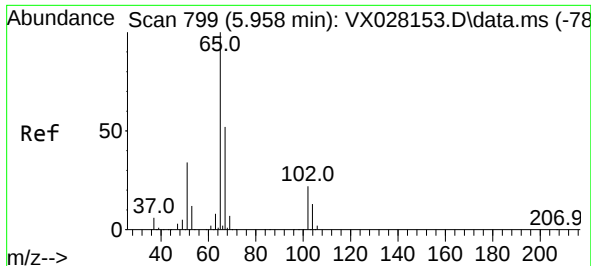
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022



#31
Cyclohexane
Concen: 36.125 ug/l
RT: 5.477 min Scan# 720
Delta R.T. 0.007 min
Lab File: VX028524.D
Acq: 04 May 2022 16:15

Tgt Ion: 56 Resp: 237503
Ion Ratio Lower Upper
56 100
69 28.5 26.7 40.1
84 102.4 77.2 115.8





#33

1,2-Dichloroethane-d4

Concen: 50.386 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028524.D

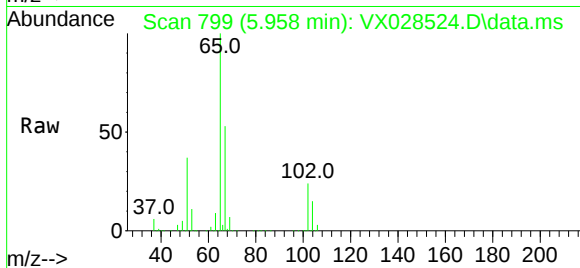
Acq: 04 May 2022 16:15

Instrument :

MSVOA_X

ClientSampleId :

INF0522



Tgt Ion: 65 Resp: 271900

Ion Ratio Lower Upper

65 100

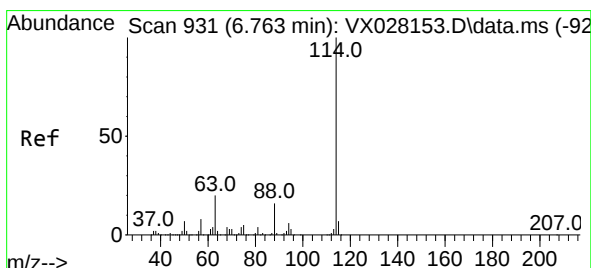
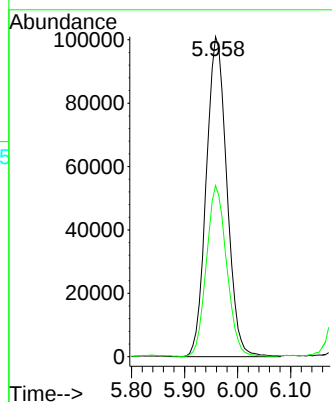
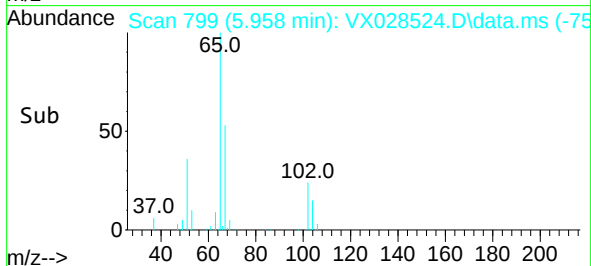
67 52.4 0.0 107.4

Manual Integrations

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Supervised By :Mahesh Dadoda 05/05/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX028524.D

Acq: 04 May 2022 16:15

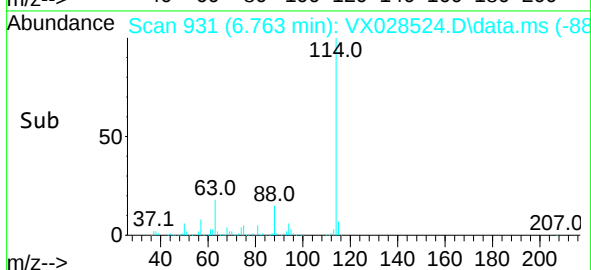
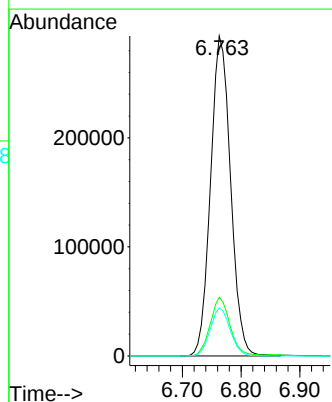
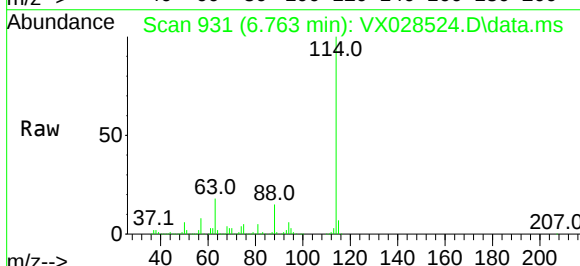
Tgt Ion:114 Resp: 694296

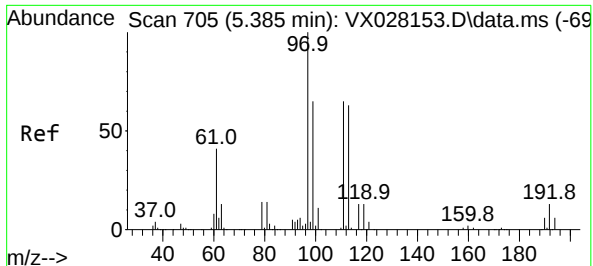
Ion Ratio Lower Upper

114 100

63 18.3 0.0 36.8

88 15.0 0.0 32.4





#35

Dibromofluoromethane

Concen: 53.812 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX028524.D

Acq: 04 May 2022 16:15

Instrument :

MSVOA_X

ClientSampleId :

INF0522

Tgt Ion:113 Resp: 262014

Ion Ratio Lower Upper

113 100

111 101.0 82.8 124.2

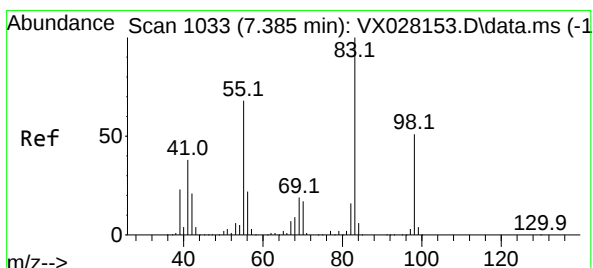
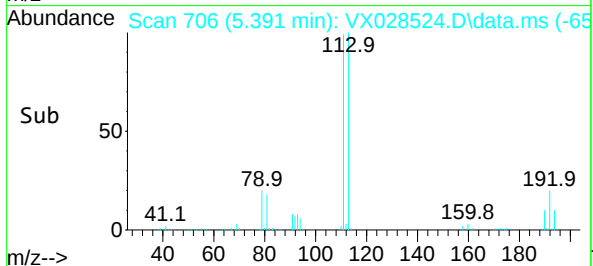
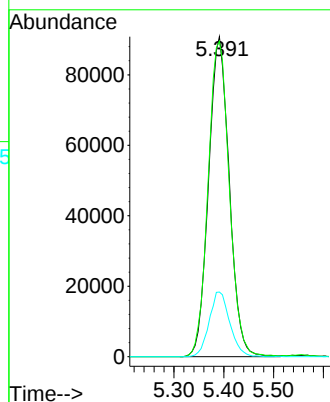
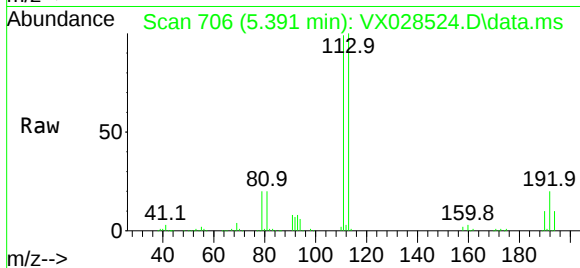
192 20.1 16.9 25.3

Manual Integrations

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Reviewed By :John Carlone 05/05/2022

Supervised By :Mahesh Dadoda 05/05/2022



#39

Methylcyclohexane

Concen: 15.807 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX028524.D

Acq: 04 May 2022 16:15

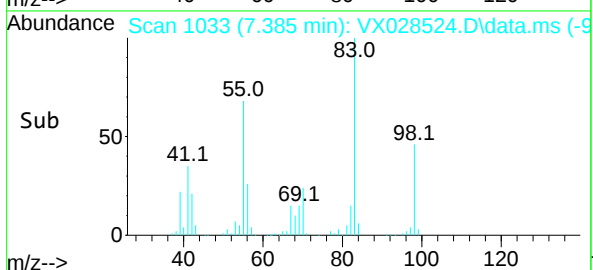
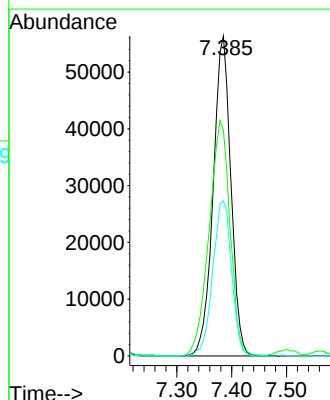
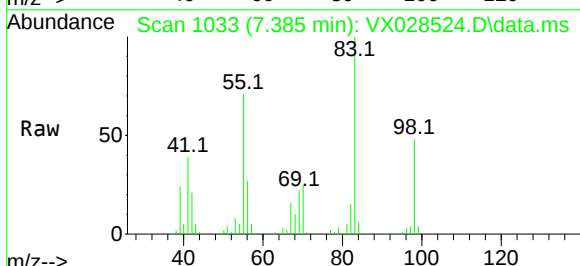
Tgt Ion: 83 Resp: 126674

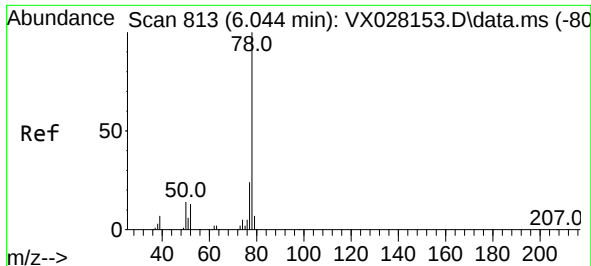
Ion Ratio Lower Upper

83 100

55 70.4 54.6 81.8

98 48.5 37.4 56.2





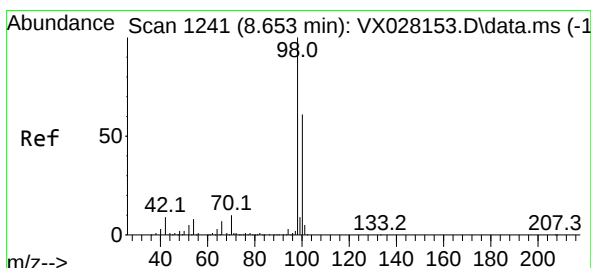
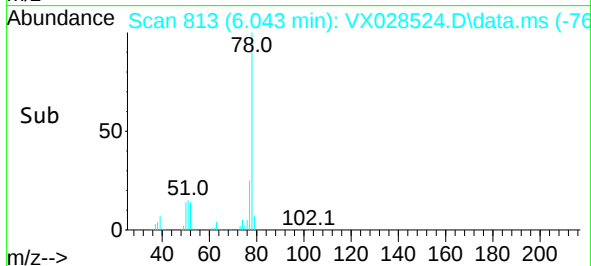
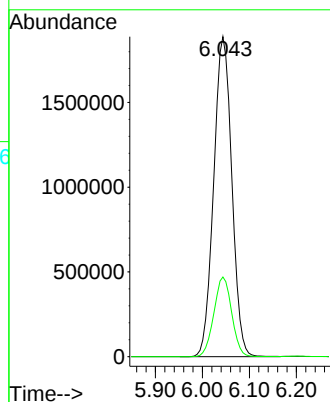
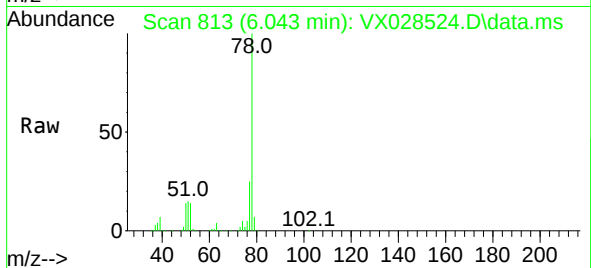
#40
Benzene
Concen: 271.992 ug/l
RT: 6.043 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX028524.D
Acq: 04 May 2022 16:15

Instrument :
MSVOA_X
ClientSampleId :
INF0522

Tgt Ion: 78 Resp: 505671
Ion Ratio Lower Upper
78 100
77 24.9 19.3 28.9

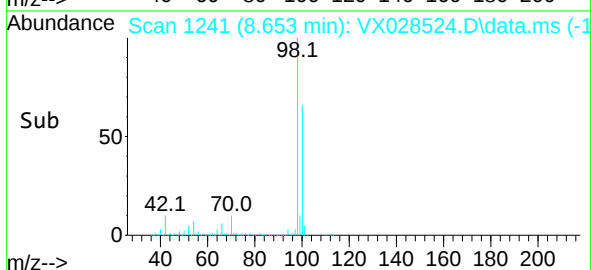
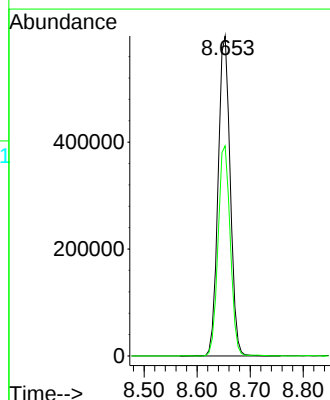
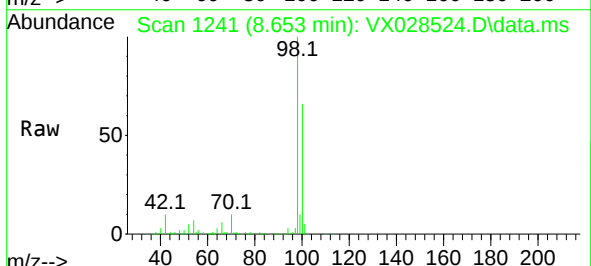
Manual Integrations
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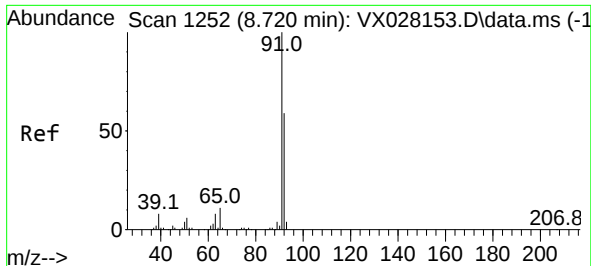
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022



#50
Toluene-d8
Concen: 50.772 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX028524.D
Acq: 04 May 2022 16:15

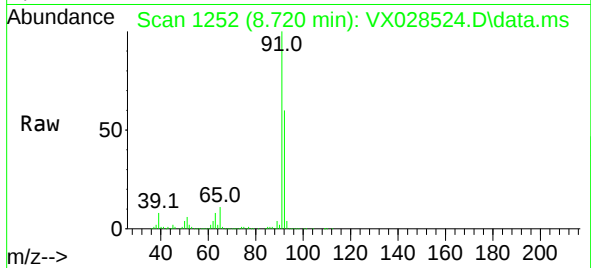
Tgt Ion: 98 Resp: 949491
Ion Ratio Lower Upper
98 100
100 65.9 52.6 78.8





#52
Toluene
Concen: 76.442 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX028524.D
Acq: 04 May 2022 16:15

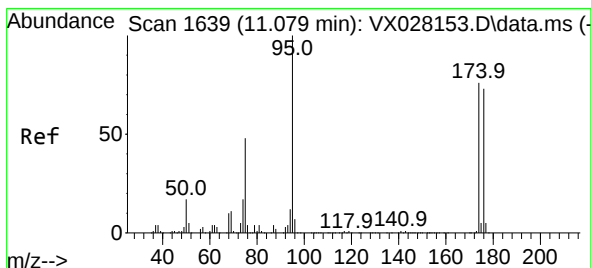
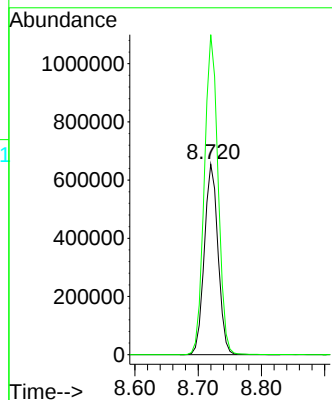
Instrument :
MSVOA_X
ClientSampleId :
INF0522



Tgt Ion: 92 Resp: 98734
Ion Ratio Lower Upper
92 100
91 168.4 137.5 206.3

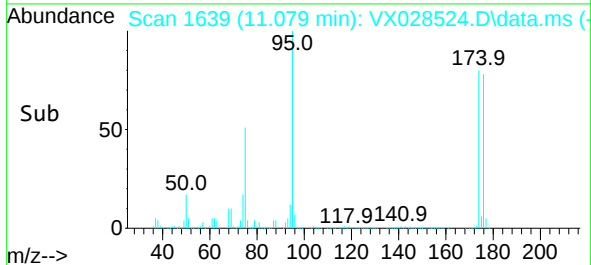
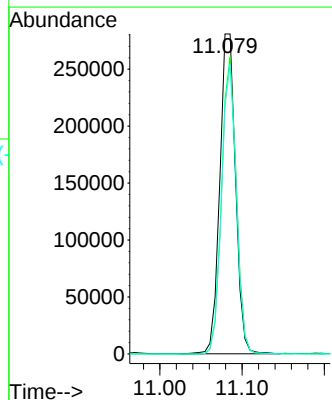
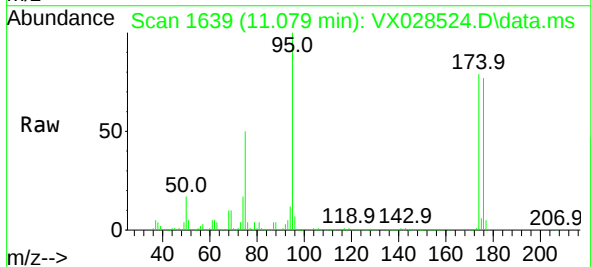
Manual Integrations
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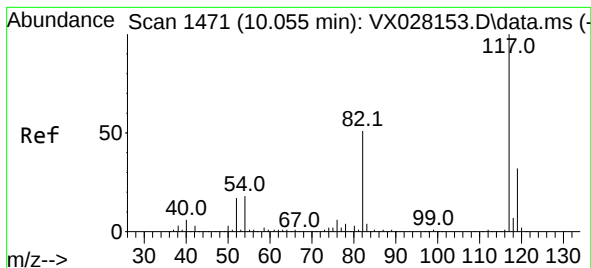
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022



#62
4-Bromofluorobenzene
Concen: 52.284 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX028524.D
Acq: 04 May 2022 16:15

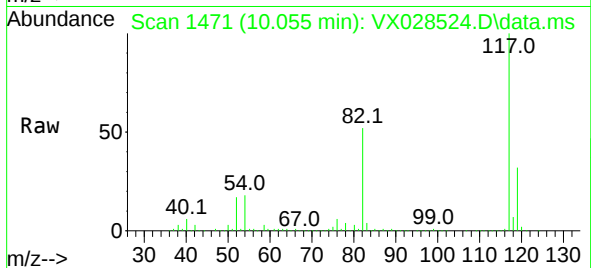
Tgt Ion: 95 Resp: 373853
Ion Ratio Lower Upper
95 100
174 87.4 0.0 163.0
176 85.1 0.0 155.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028524.D
Acq: 04 May 2022 16:15

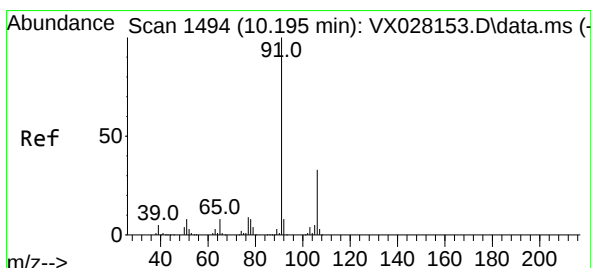
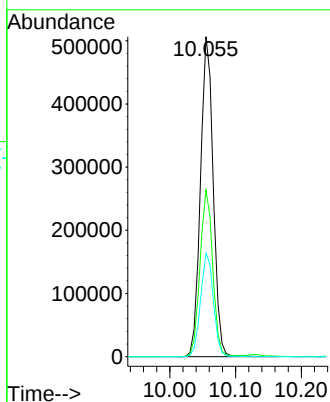
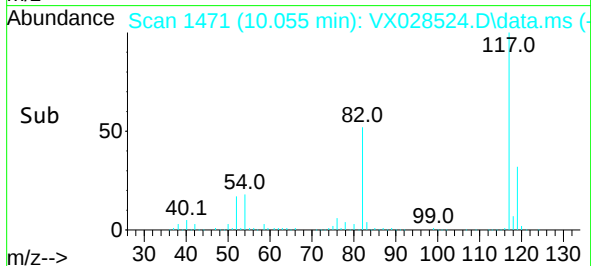
Instrument :
MSVOA_X
ClientSampleId :
INF0522



Tgt Ion:117 Resp: 682649
Ion Ratio Lower Upper
117 100
82 52.0 41.8 62.8
119 32.3 24.8 37.2

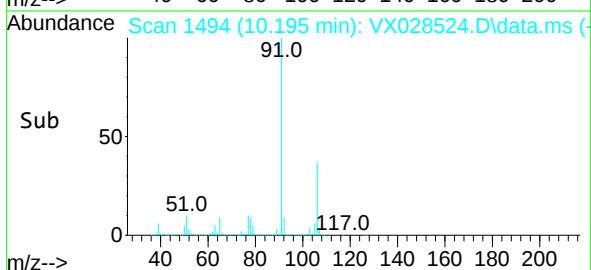
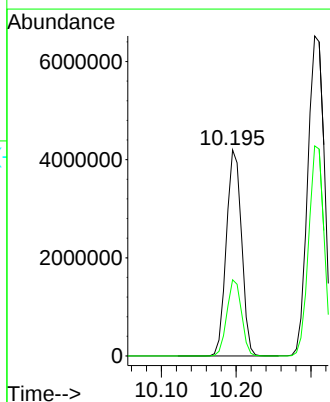
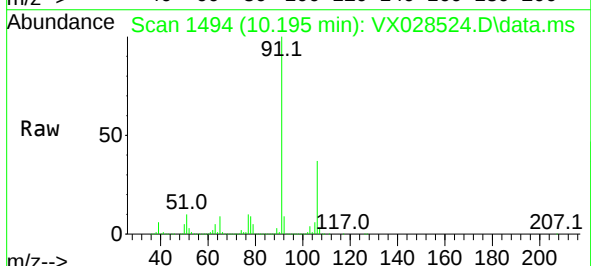
Manual Integrations
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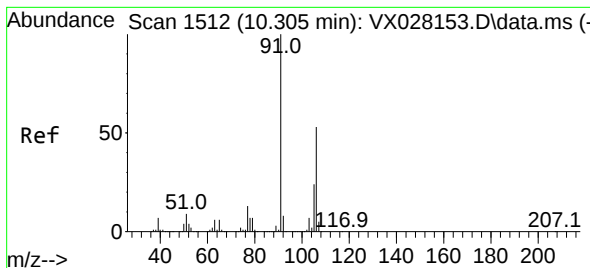
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022



#67
Ethyl Benzene
Concen: 242.905 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX028524.D
Acq: 04 May 2022 16:15

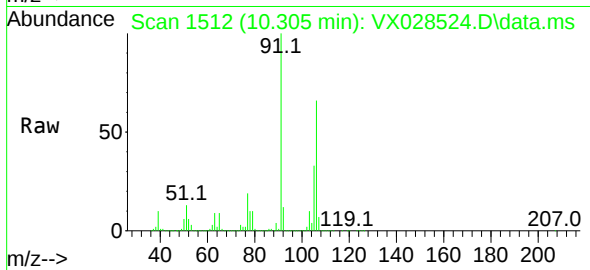
Tgt Ion: 91 Resp: 5928233
Ion Ratio Lower Upper
91 100
106 36.9 24.6 36.8#





#68
m/p-Xylenes
Concen: 613.093 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX028524.D
Acq: 04 May 2022 16:15

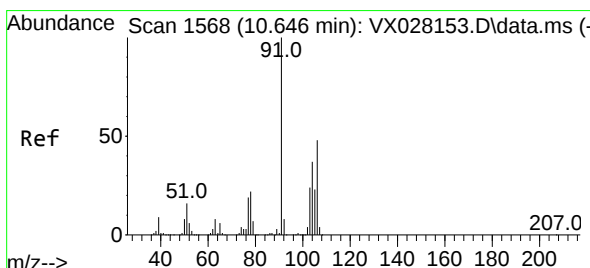
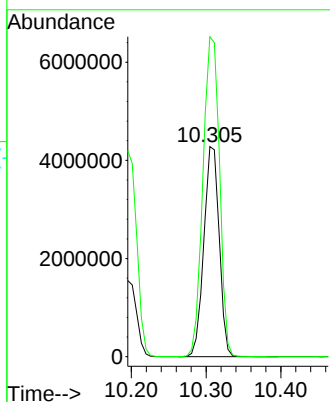
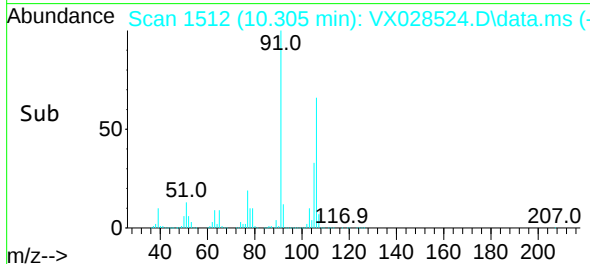
Instrument :
MSVOA_X
ClientSampleId :
INF0522



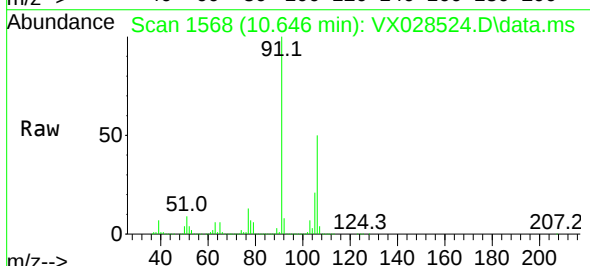
Tgt Ion:106 Resp: 6089778
Ion Ratio Lower Upper
106 100
91 164.6 160.4 240.6

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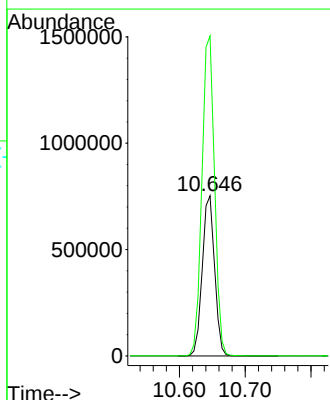
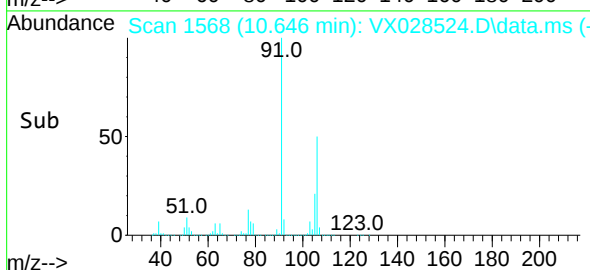
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022

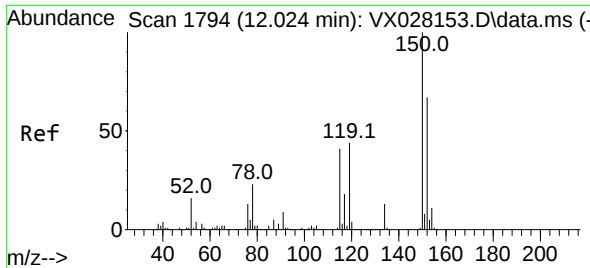


#69
o-Xylene
Concen: 99.120 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX028524.D
Acq: 04 May 2022 16:15



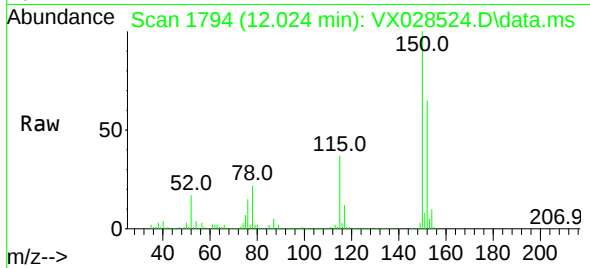
Tgt Ion:106 Resp: 981609
Ion Ratio Lower Upper
106 100
91 204.3 106.1 318.1





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028524.D
Acq: 04 May 2022 16:15

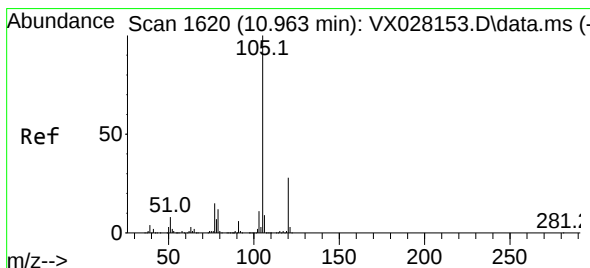
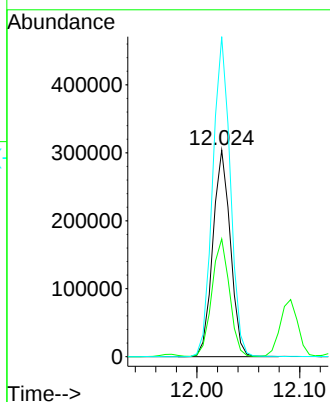
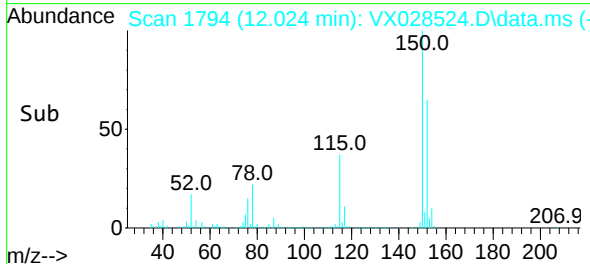
Instrument :
MSVOA_X
ClientSampleId :
INF0522



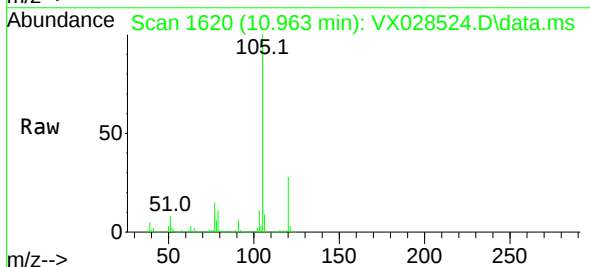
Tgt Ion:152 Resp: 359859
Ion Ratio Lower Upper
152 100
115 56.9 37.5 112.7
150 155.6 0.0 338.2

Manual Integrations
APPROVED

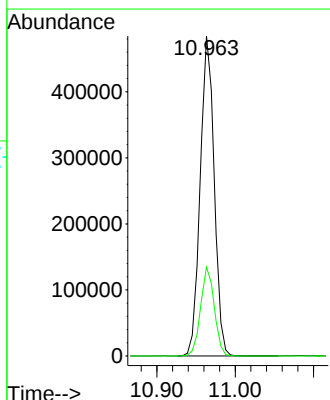
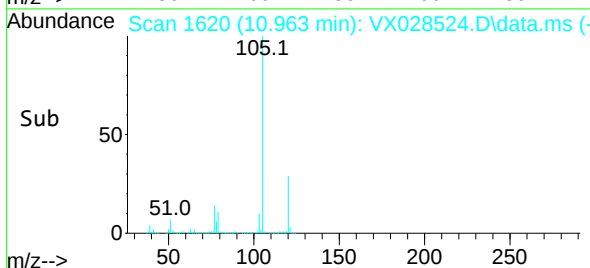
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022

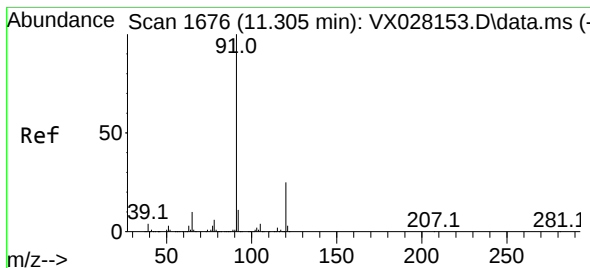


#73
Isopropylbenzene
Concen: 24.268 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX028524.D
Acq: 04 May 2022 16:15



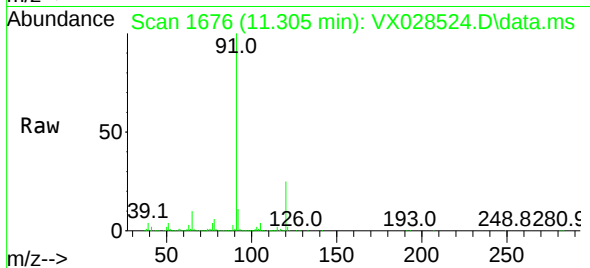
Tgt Ion:105 Resp: 600263
Ion Ratio Lower Upper
105 100
120 27.2 13.5 40.5





#78
n-propylbenzene
Concen: 46.751 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX028524.D
Acq: 04 May 2022 16:15

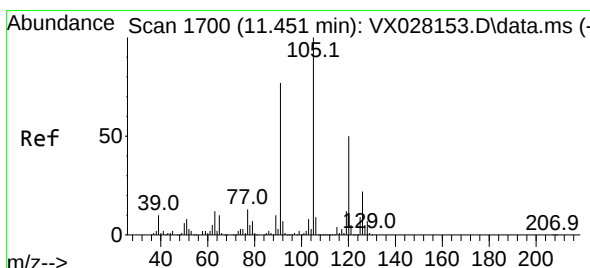
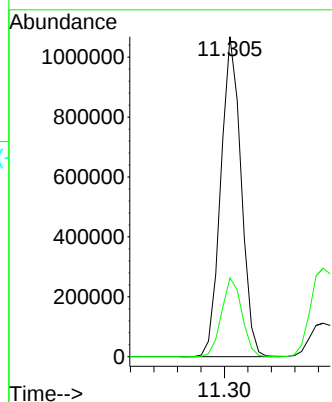
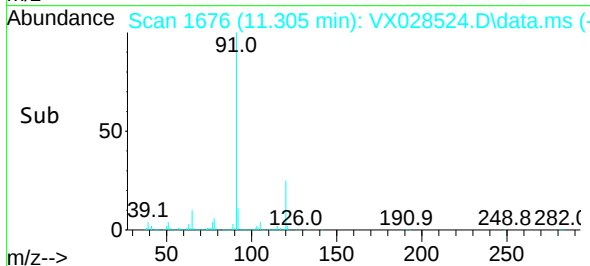
Instrument :
MSVOA_X
ClientSampleId :
INF0522



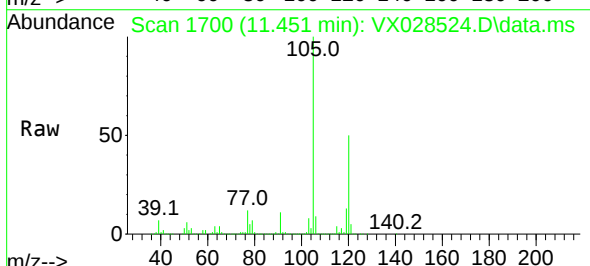
Tgt Ion: 91 Resp: 1282230
Ion Ratio Lower Upper
91 100
120 24.7 11.6 34.8

Manual Integrations
APPROVED

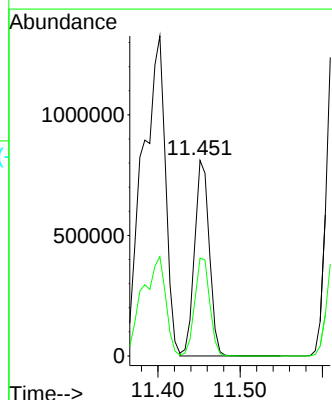
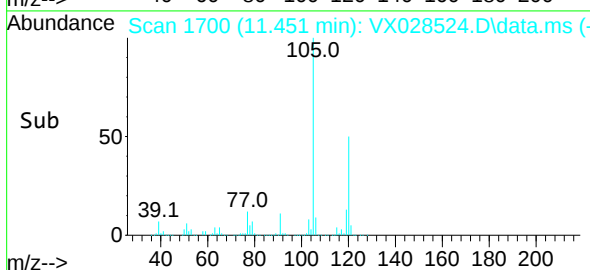
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022

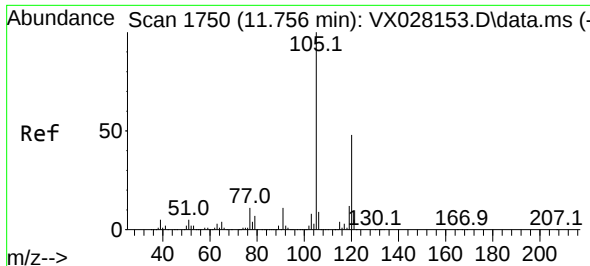


#80
1,3,5-Trimethylbenzene
Concen: 48.126 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX028524.D
Acq: 04 May 2022 16:15



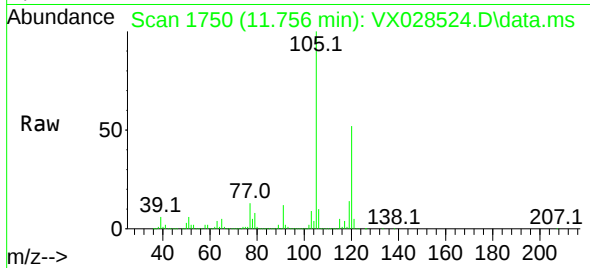
Tgt Ion:105 Resp: 1010451
Ion Ratio Lower Upper
105 100
120 50.9 24.3 72.9





#84
1,2,4-Trimethylbenzene
Concen: 224.922 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX028524.D
Acq: 04 May 2022 16:15

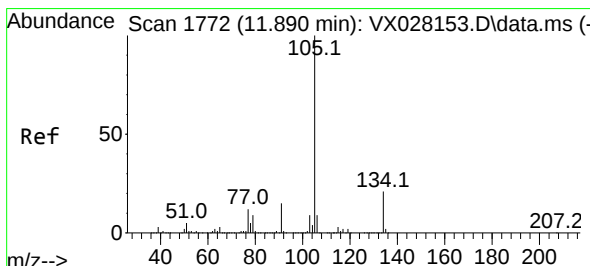
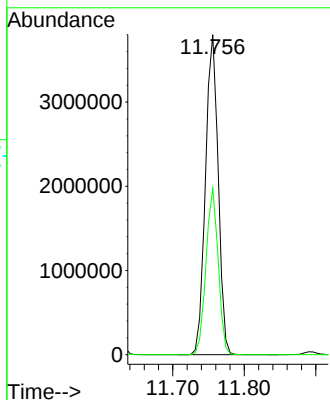
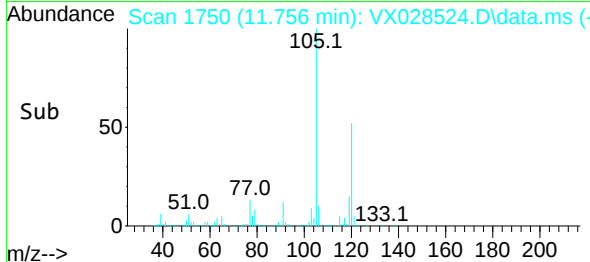
Instrument :
MSVOA_X
ClientSampleId :
INF0522



Tgt Ion:105 Resp: 4694320
Ion Ratio Lower Upper
105 100
120 49.9 22.6 67.8

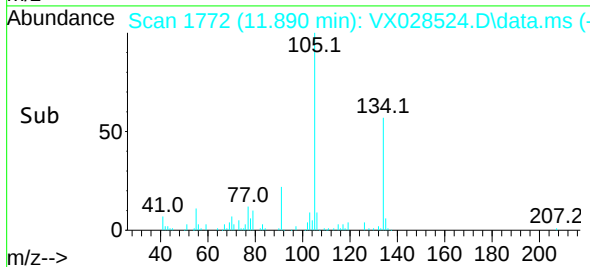
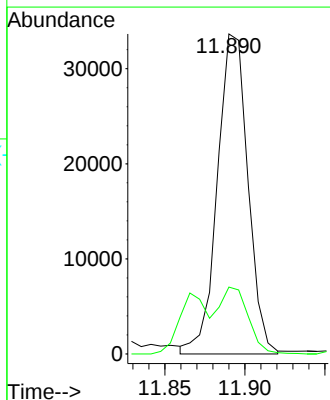
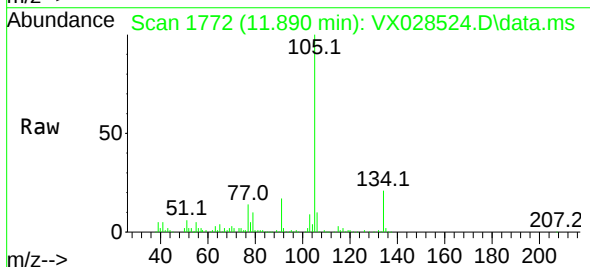
Manual Integrations
APPROVED

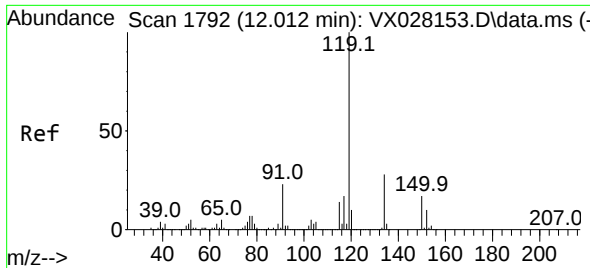
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022



#85
sec-Butylbenzene
Concen: 1.729 ug/l m
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX028524.D
Acq: 04 May 2022 16:15

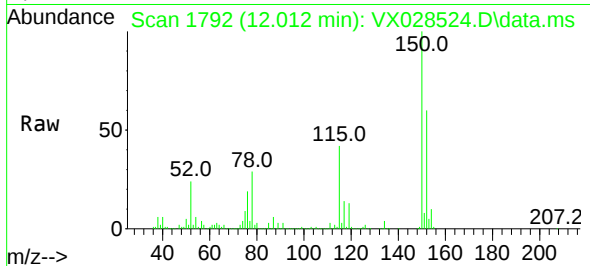
Tgt Ion:105 Resp: 44710
Ion Ratio Lower Upper
105 100
134 0.0 10.2 30.4#





#86
p-Isopropyltoluene
Concen: 0.964 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VX028524.D
Acq: 04 May 2022 16:15

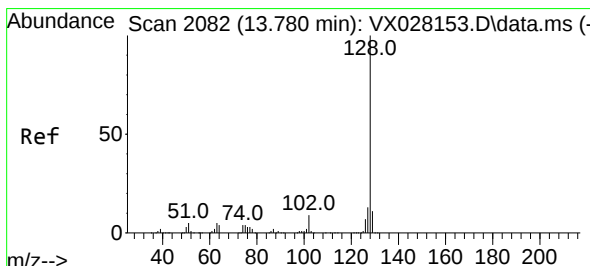
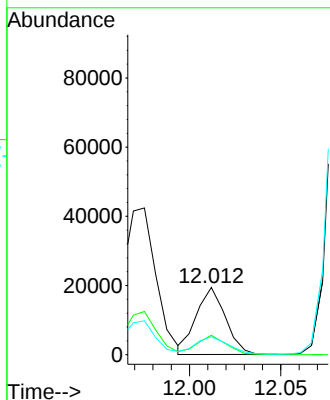
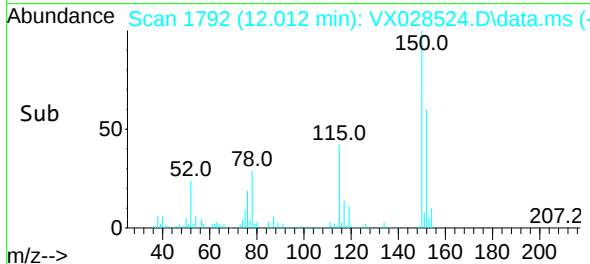
Instrument :
MSVOA_X
ClientSampleId :
INF0522



Tgt Ion:119 Resp: 21500
Ion Ratio Lower Upper
119 100
134 29.0 13.0 39.0
91 0.0 11.3 33.9

Manual Integrations
APPROVED

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



#95
Naphthalene
Concen: 79.998 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX028524.D
Acq: 04 May 2022 16:15

Tgt Ion:128 Resp: 1905860
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.4
129 11.3 8.7 13.1

