

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010522\
 Data File : VX026322.D
 Acq On : 05 Jan 2022 15:14
 Operator : JC/MD
 Sample : M5336-15DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 40568DL

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/06/2022
 Supervised By : Mahesh Dadoda 01/07/2022

Quant Time: Jan 06 03:09:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 30 08:02:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	144386	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	242449	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	214662	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	104976	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	104516	50.035	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.080%			
35) Dibromofluoromethane	5.391	113	79166	50.225	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.440%			
50) Toluene-d8	8.653	98	284917	48.596	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.200%			
62) 4-Bromofluorobenzene	11.085	95	114787	54.997	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.000%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.971	59	116854m	280.084	ug/l	
16) Acetone	2.386	43	148202	130.948	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	310203	55.546	ug/l	99
20) Methylene Chloride	2.794	84	4969	1.835	ug/l	93
25) 2-Butanone	4.568	43	27254	17.287	ug/l	100
31) Cyclohexane	5.470	56	1844	0.620	ug/l #	66
39) Methylcyclohexane	7.385	83	2389	0.833	ug/l #	89
40) Benzene	6.043	78	349348	48.148	ug/l	97
52) Toluene	8.720	92	1365172	305.624	ug/l	98
67) Ethyl Benzene	10.195	91	57420	6.810	ug/l	95
68) m/p-Xylenes	10.305	106	68934	21.896	ug/l	93
69) o-Xylene	10.646	106	24660	8.006	ug/l	86
84) 1,2,4-Trimethylbenzene	11.756	105	1751	0.259	ug/l	66

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

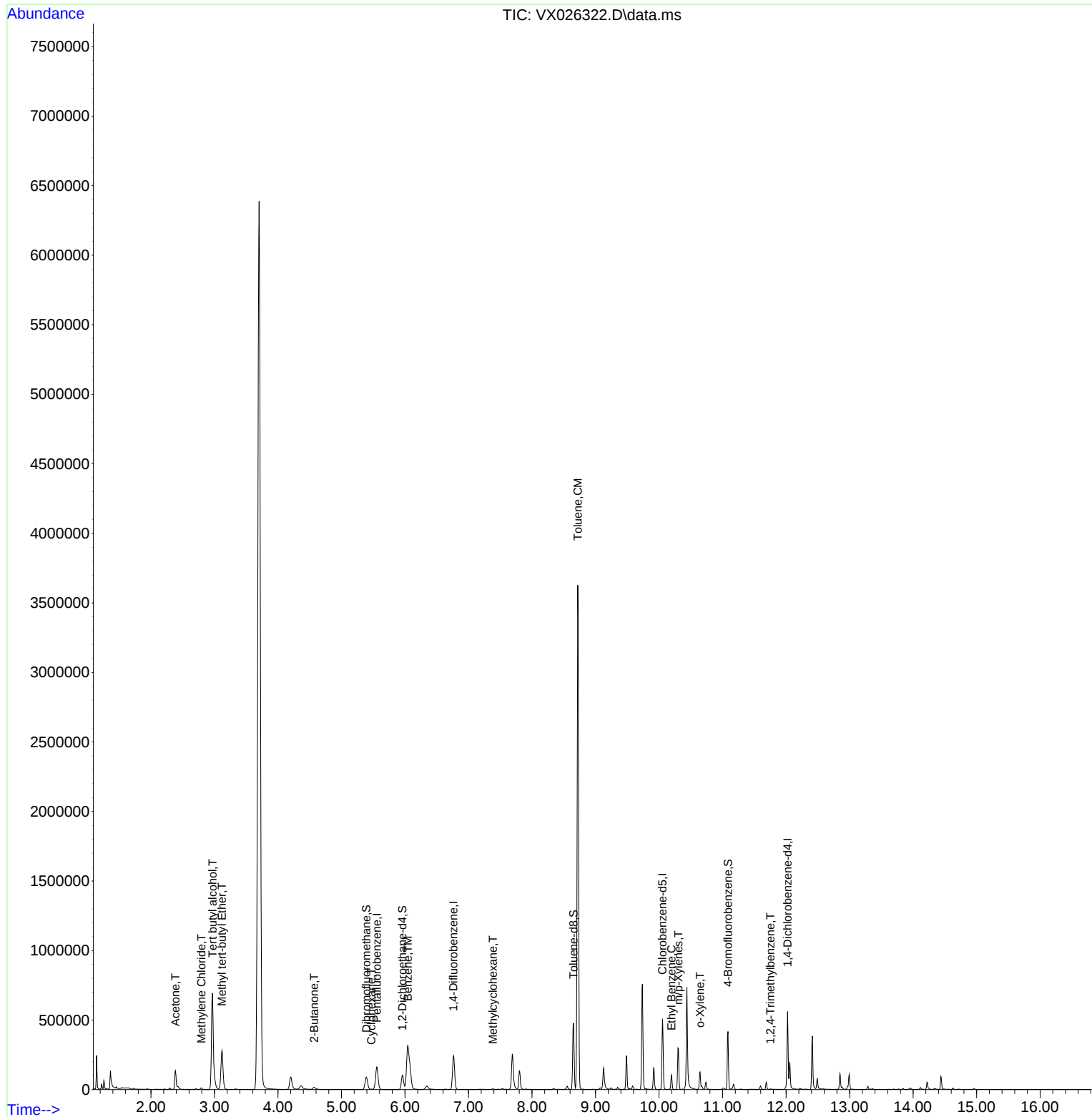
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010522\
Data File : VX026322.D
Acq On : 05 Jan 2022 15:14
Operator : JC/MD
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ALS Vial : 10 Sample Multiplier: 1

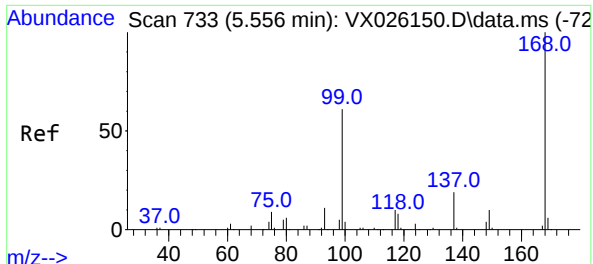
Instrument :
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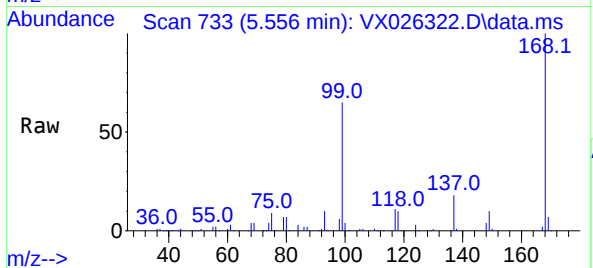
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 30 08:02:21 2021
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026322.D
Acq: 05 Jan 2022 15:14

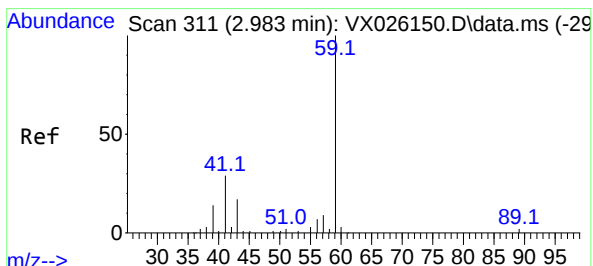
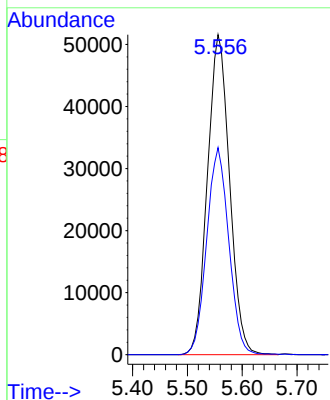
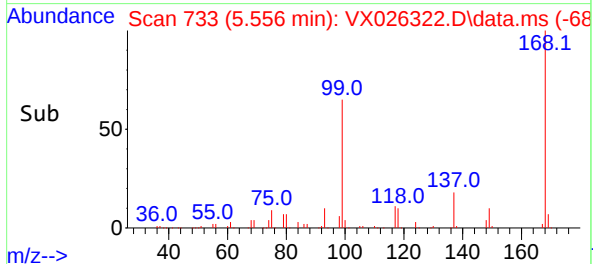
Instrument :
MSVOA_X
ClientSampleId :
40568DL



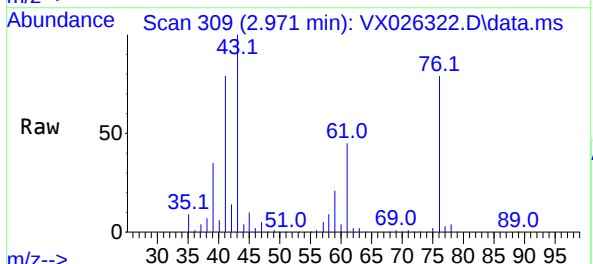
Tgt Ion:168 Resp: 144386
Ion Ratio Lower Upper
168 100
99 64.7 45.8 68.8

Manual Integrations
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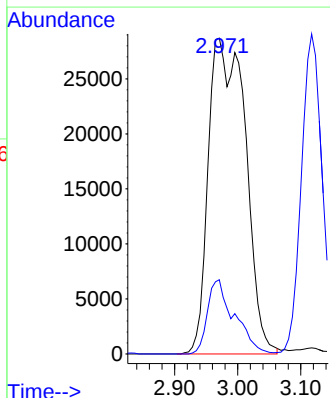
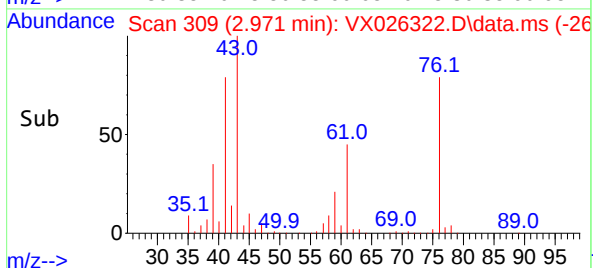
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/07/2022

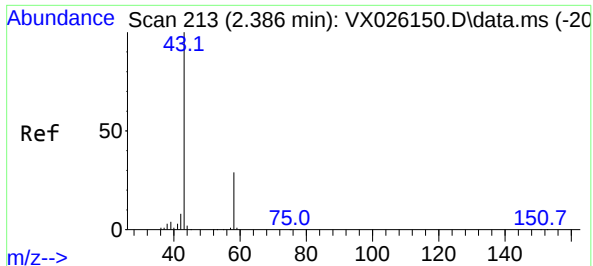


#11
Tert butyl alcohol
Concen: 280.084 ug/l m
RT: 2.971 min Scan# 309
Delta R.T. -0.012 min
Lab File: VX026322.D
Acq: 05 Jan 2022 15:14



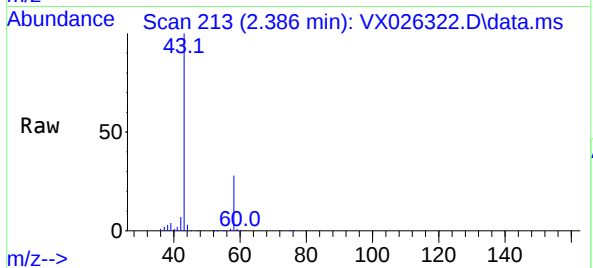
Tgt Ion: 59 Resp: 116854
Ion Ratio Lower Upper
59 100
57 17.1 8.2 12.2#





#16
Acetone
Concen: 130.948 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX026322.D
Acq: 05 Jan 2022 15:14

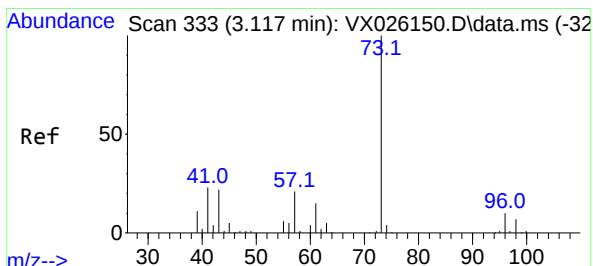
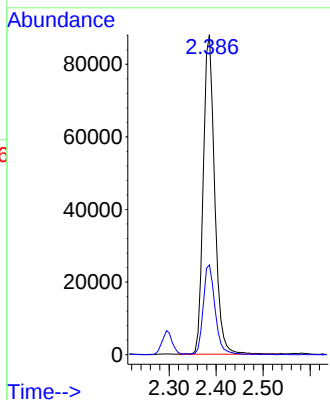
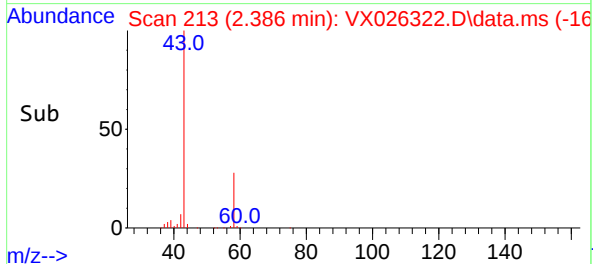
Instrument :
MSVOA_X
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Tgt Ion: 43 Resp: 14820
Ion Ratio Lower Upper
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58 28.1 24.8 37.2

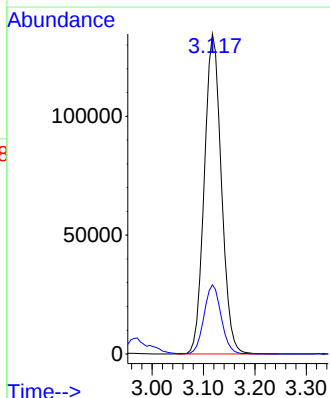
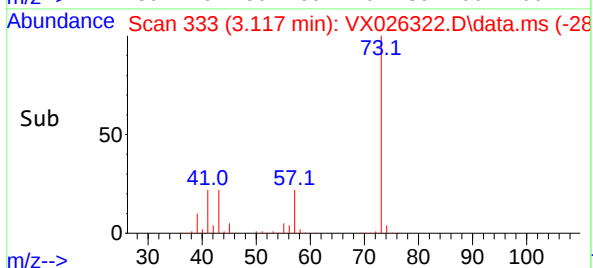
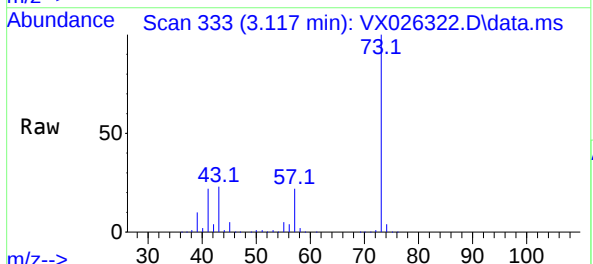
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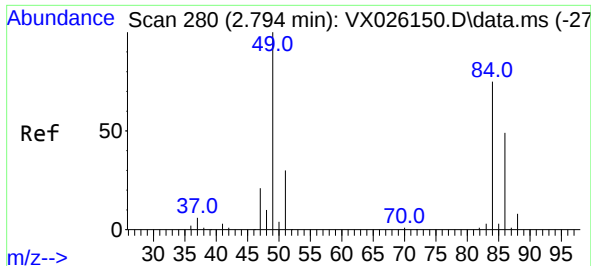
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/07/2022



#19
Methyl tert-butyl Ether
Concen: 55.546 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX026322.D
Acq: 05 Jan 2022 15:14

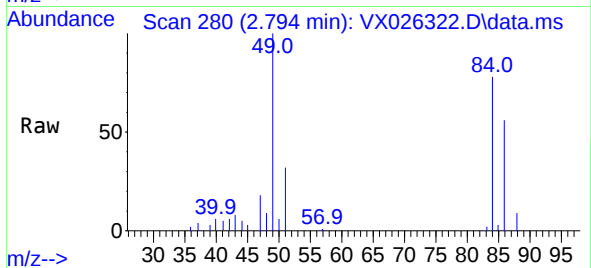
Tgt Ion: 73 Resp: 310203
Ion Ratio Lower Upper
73 100
57 21.6 17.0 25.6





#20
Methylene Chloride
Concen: 1.835 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX026322.D
Acq: 05 Jan 2022 15:14

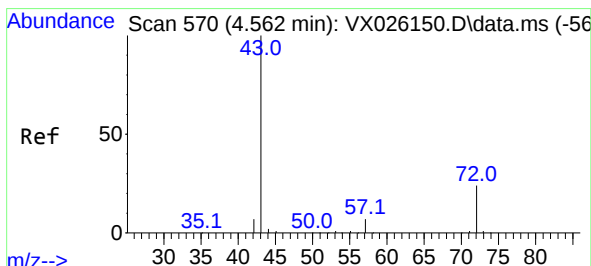
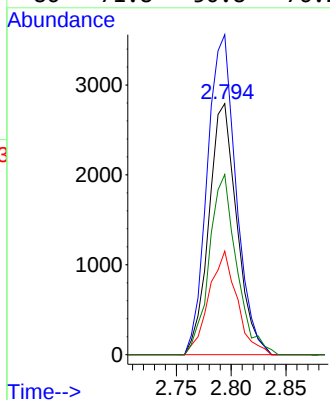
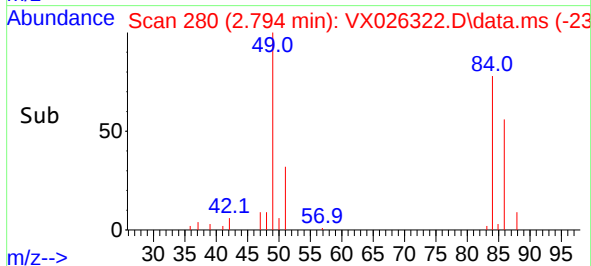
Instrument :
MSVOA_X
ClientSampleId :
40568DL



Tgt Ion: 84 Resp: 4969
Ion Ratio Lower Upper
84 100
49 127.5 97.1 145.7
51 41.2 29.3 43.9
86 71.8 50.8 76.2

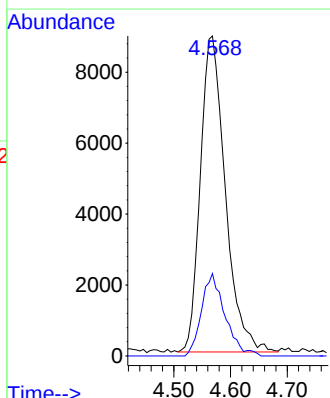
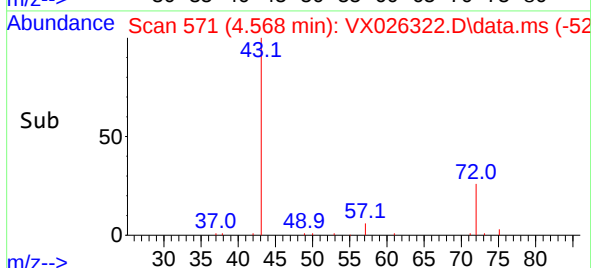
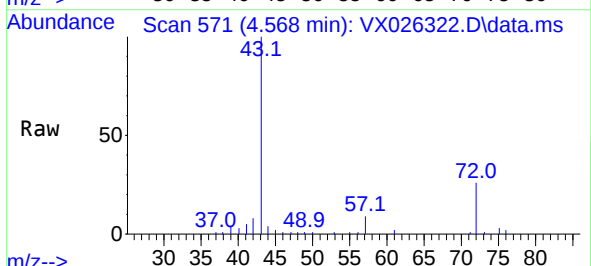
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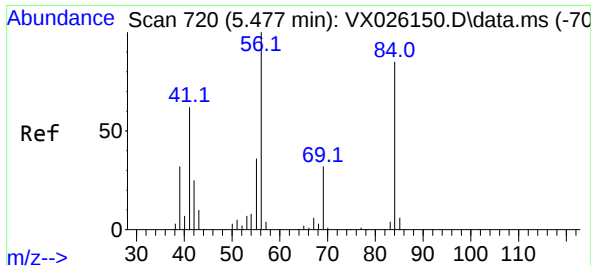
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/07/2022



#25
2-Butanone
Concen: 17.287 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.006 min
Lab File: VX026322.D
Acq: 05 Jan 2022 15:14

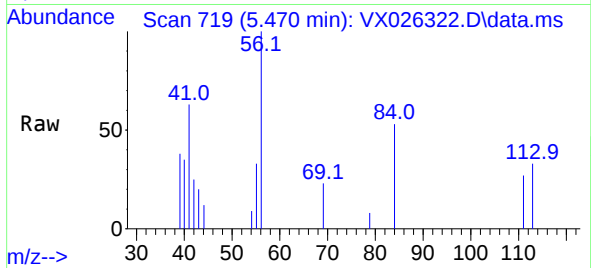
Tgt Ion: 43 Resp: 27254
Ion Ratio Lower Upper
43 100
72 26.1 21.0 31.4





#31
Cyclohexane
Concen: 0.620 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.007 min
Lab File: VX026322.D
Acq: 05 Jan 2022 15:14

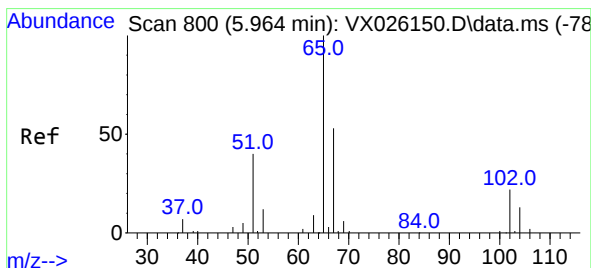
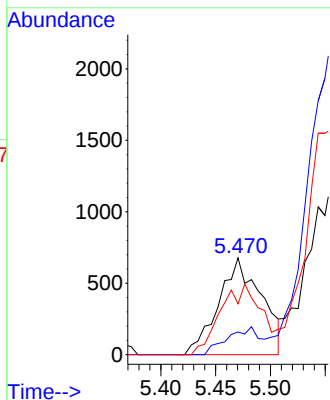
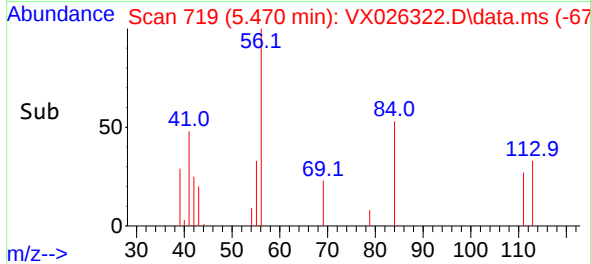
Instrument :
MSVOA_X
ClientSampleId :
40568DL



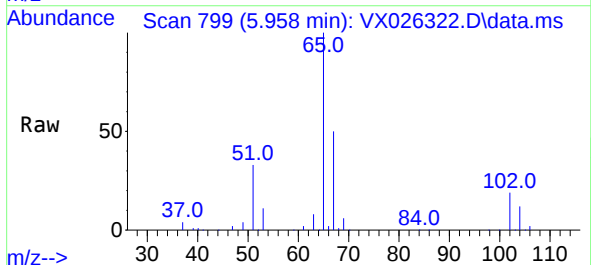
Tgt Ion: 56 Resp: 1844
Ion Ratio Lower Upper
56 100
69 23.5 23.9 35.9
84 52.5 73.2 109.8

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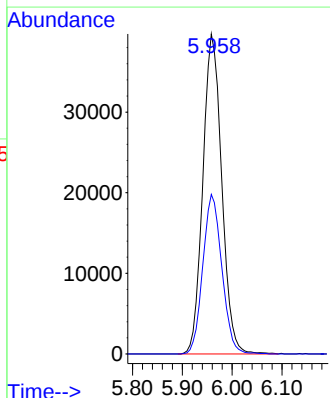
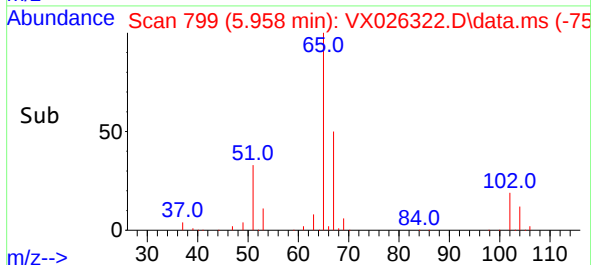
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/07/2022

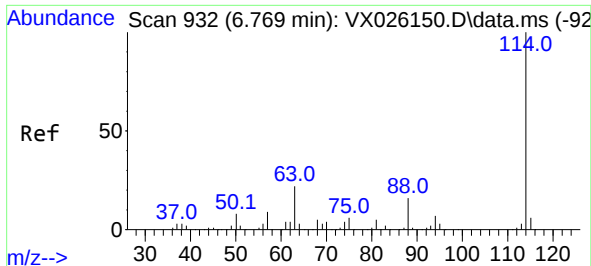


#33
1,2-Dichloroethane-d4
Concen: 50.035 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX026322.D
Acq: 05 Jan 2022 15:14



Tgt Ion: 65 Resp: 104516
Ion Ratio Lower Upper
65 100
67 50.2 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. -0.006 min

Lab File: VX026322.D

Acq: 05 Jan 2022 15:14

Instrument :

MSVOA_X

ClientSampleId :

40568DL

Tgt Ion:114 Resp: 242449

Ion Ratio Lower Upper

114 100

63 22.1 0.0 40.0

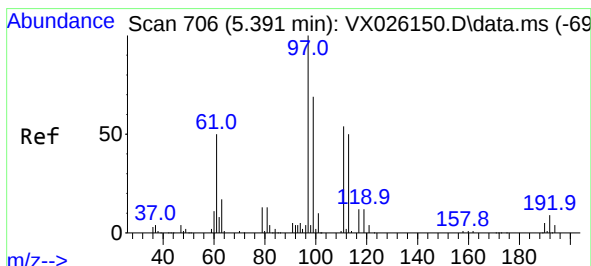
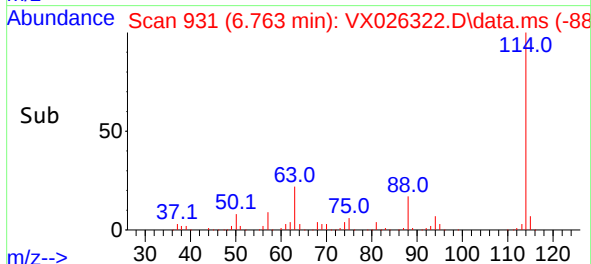
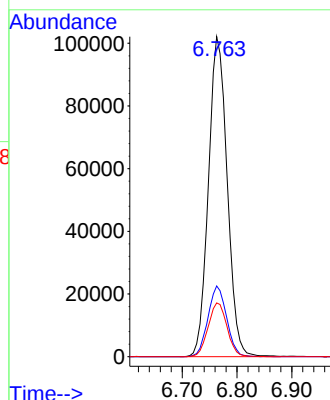
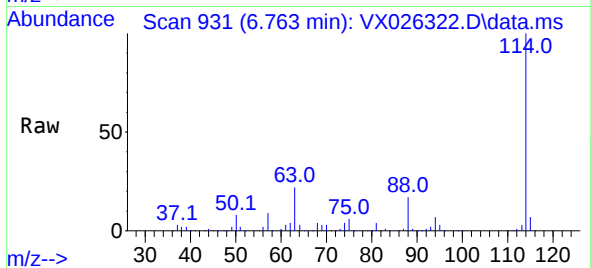
88 16.8 0.0 30.6

Manual Integrations

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#35

Dibromofluoromethane

Concen: 50.225 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX026322.D

Acq: 05 Jan 2022 15:14

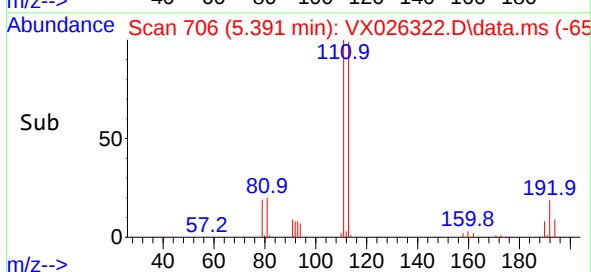
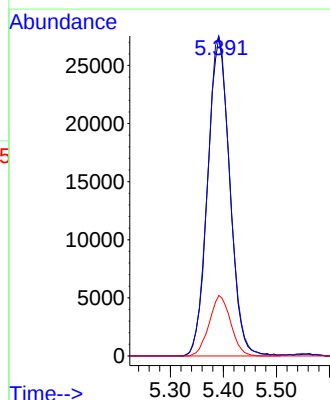
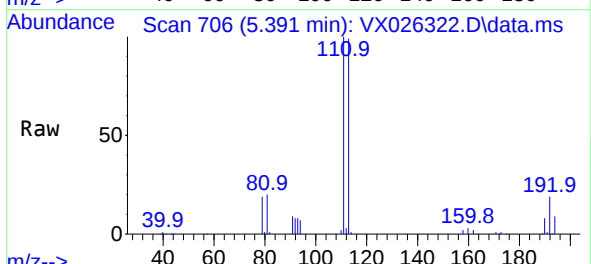
Tgt Ion:113 Resp: 79166

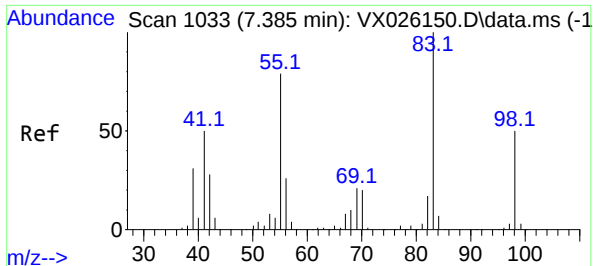
Ion Ratio Lower Upper

113 100

111 101.5 81.8 122.8

192 18.5 15.0 22.4





#39

Methylcyclohexane

Concen: 0.833 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX026322.D

Acq: 05 Jan 2022 15:14

Instrument :

MSVOA_X

ClientSampleId :

40568DL

Tgt Ion: 83 Resp: 2389

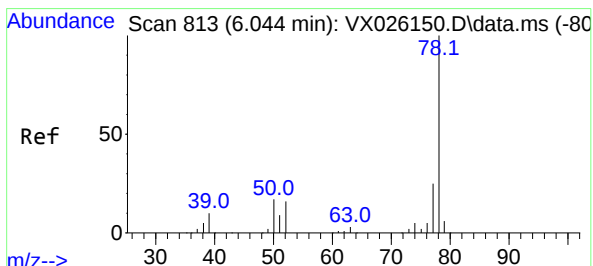
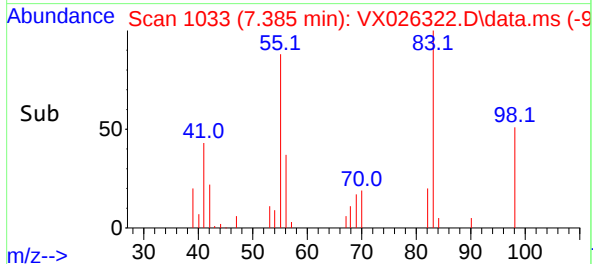
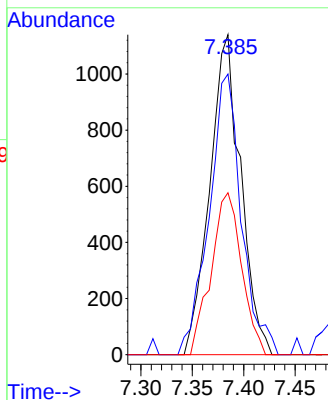
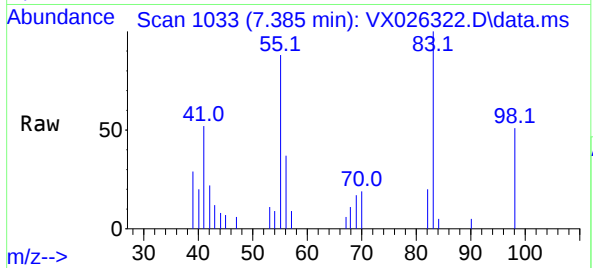
Ion	Ratio	Lower	Upper
83	100		
55	87.7	57.8	86.8
98	50.6	40.5	60.7

Manual Integrations

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Supervised By :Mahesh Dadoda 01/07/2022



#40

Benzene

Concen: 48.148 ug/l

RT: 6.043 min Scan# 813

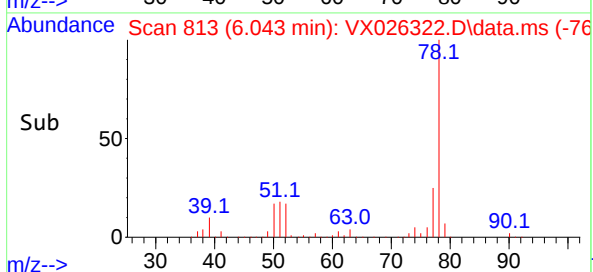
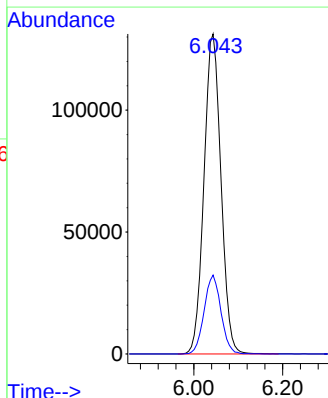
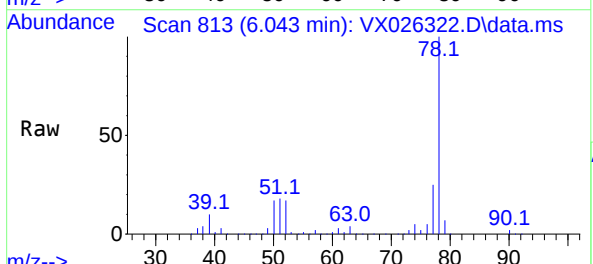
Delta R.T. -0.000 min

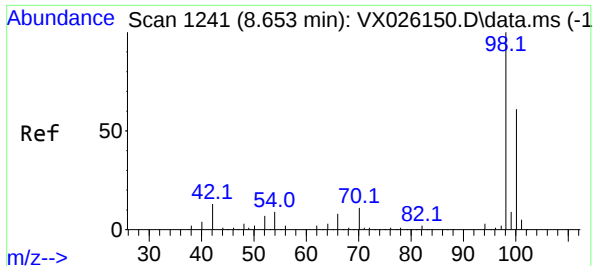
Lab File: VX026322.D

Acq: 05 Jan 2022 15:14

Tgt Ion: 78 Resp: 349348

Ion	Ratio	Lower	Upper
78	100		
77	24.7	18.6	27.8





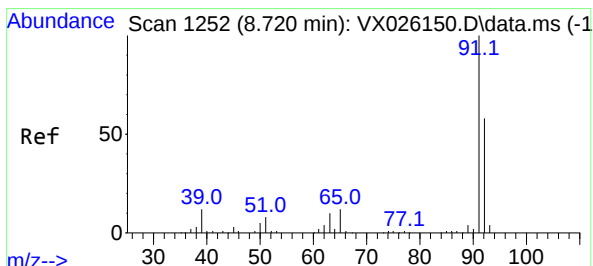
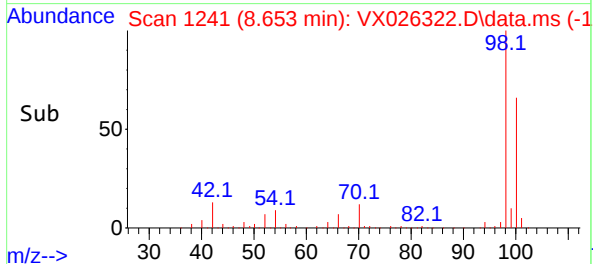
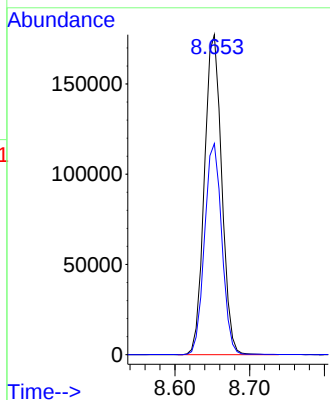
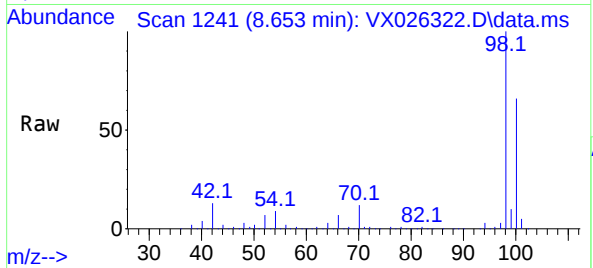
#50
Toluene-d8
Concen: 48.596 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX026322.D
Acq: 05 Jan 2022 15:14

Instrument :
MSVOA_X
ClientSampleId :
40568DL

Tgt Ion: 98 Resp: 284917
Ion Ratio Lower Upper
98 100
100 65.9 52.6 78.8

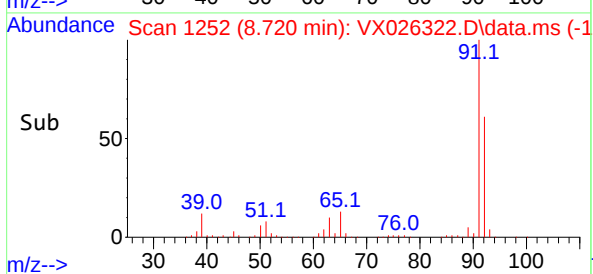
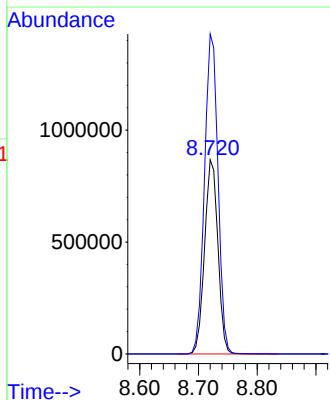
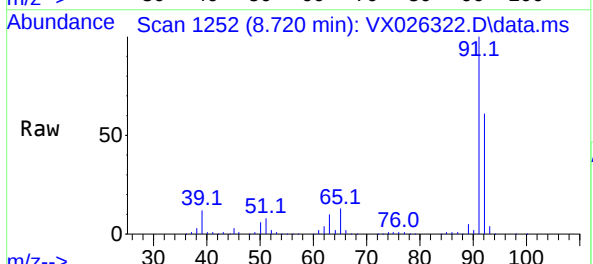
Manual Integrations
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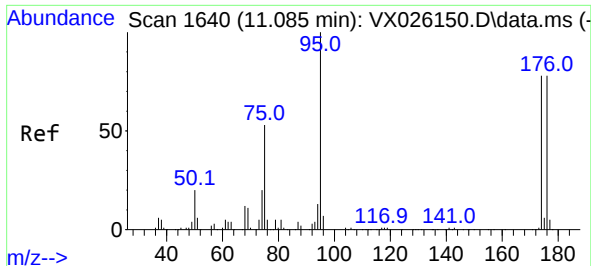
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/07/2022



#52
Toluene
Concen: 305.624 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX026322.D
Acq: 05 Jan 2022 15:14

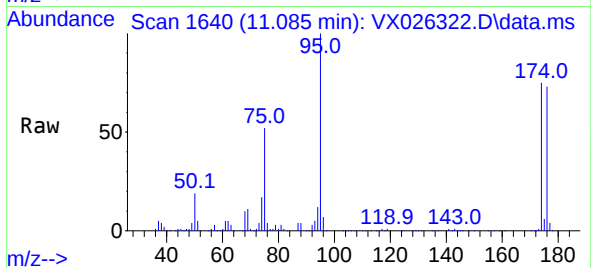
Tgt Ion: 92 Resp: 1365172
Ion Ratio Lower Upper
92 100
91 167.2 136.0 204.0





#62
4-Bromofluorobenzene
Concen: 54.997 ug/l
RT: 11.085 min Scan# 1107
Delta R.T. 0.000 min
Lab File: VX026322.D
Acq: 05 Jan 2022 15:14

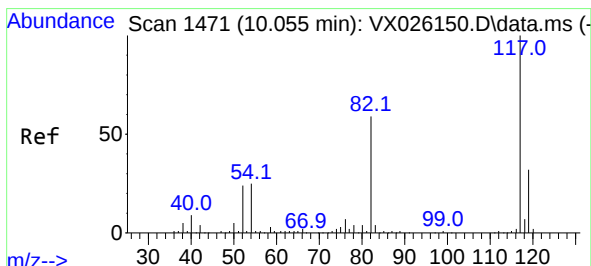
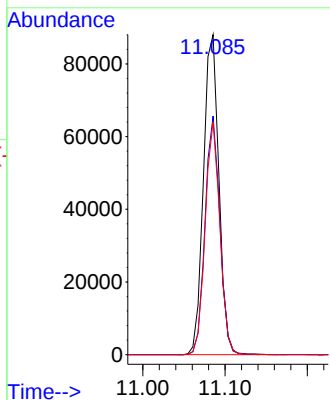
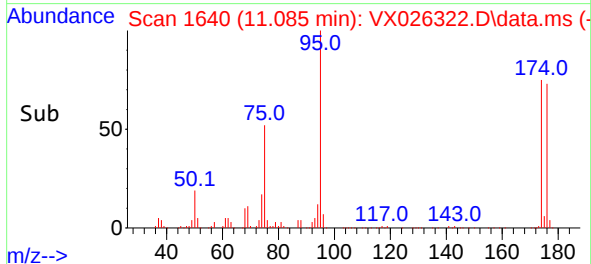
Instrument :
MSVOA_X
ClientSampleId :
40568DL



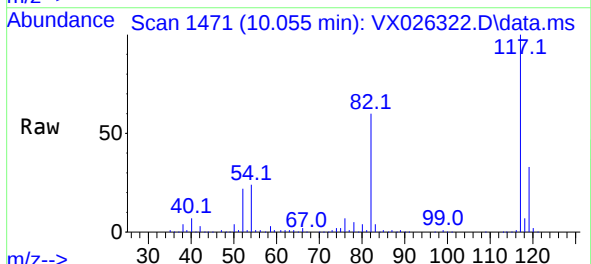
Tgt Ion: 95 Resp: 11478
Ion Ratio Lower Upper
95 100
174 71.9 0.0 157.4
176 69.1 0.0 154.6

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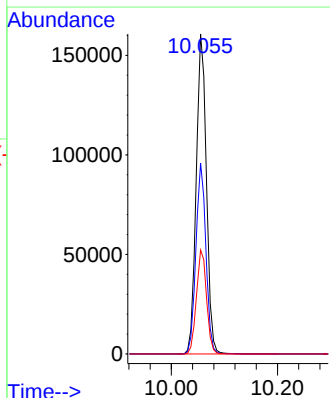
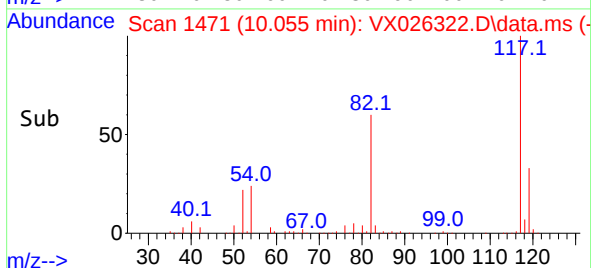
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/07/2022

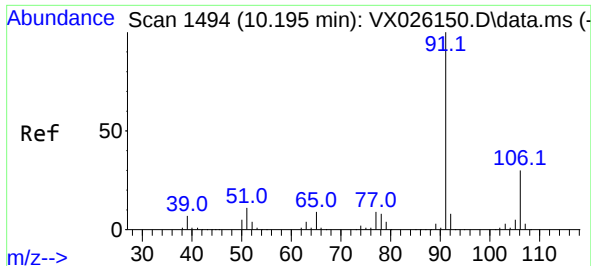


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX026322.D
Acq: 05 Jan 2022 15:14



Tgt Ion:117 Resp: 214662
Ion Ratio Lower Upper
117 100
82 59.7 43.8 65.6
119 32.5 25.2 37.8





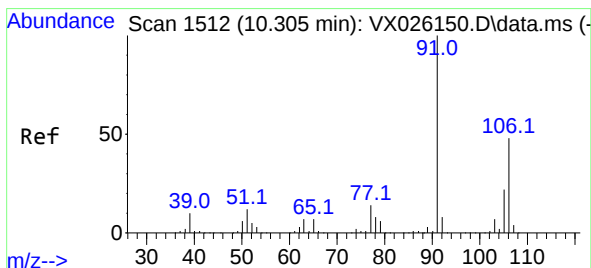
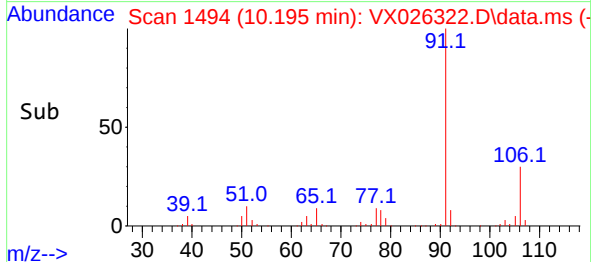
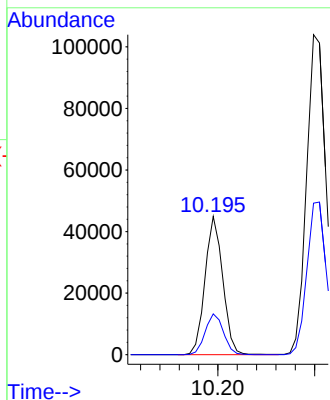
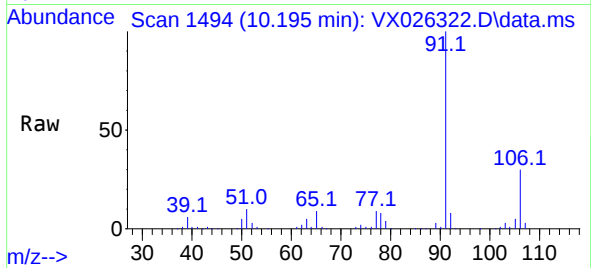
#67
Ethyl Benzene
Concen: 6.810 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX026322.D
Acq: 05 Jan 2022 15:14

Instrument :
MSVOA_X
ClientSampleId :
40568DL

Tgt Ion: 91 Resp: 57420
Ion Ratio Lower Upper
91 100
106 29.5 25.7 38.5

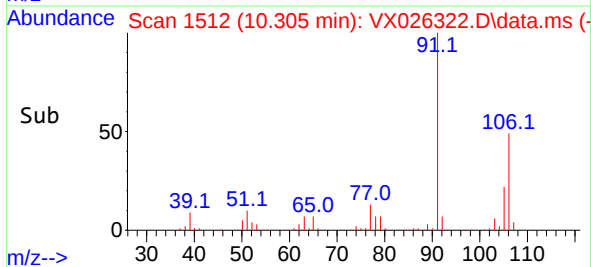
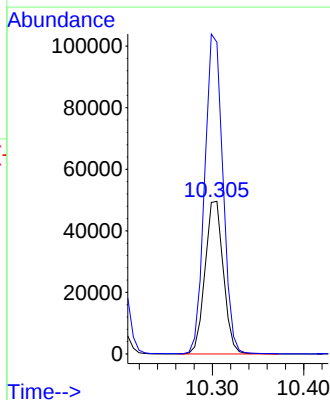
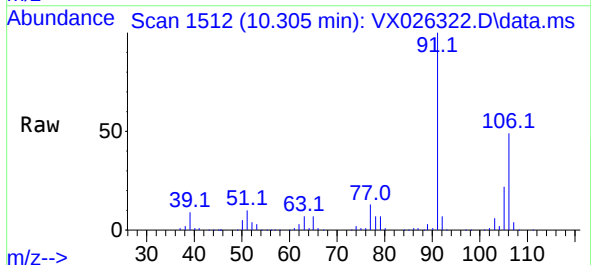
Manual Integrations
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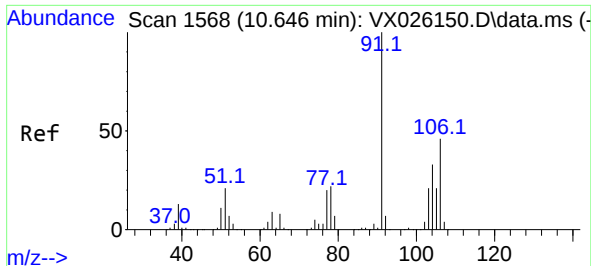
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/07/2022



#68
m/p-Xylenes
Concen: 21.896 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX026322.D
Acq: 05 Jan 2022 15:14

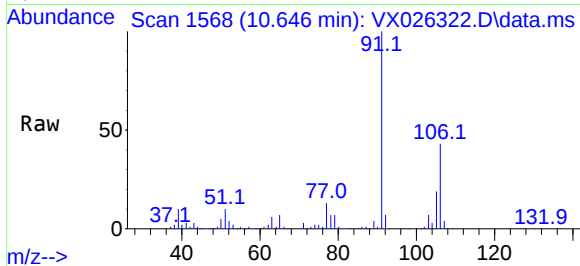
Tgt Ion:106 Resp: 68934
Ion Ratio Lower Upper
106 100
91 208.6 158.6 238.0





#69
o-Xylene
Concen: 8.006 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026322.D
Acq: 05 Jan 2022 15:14

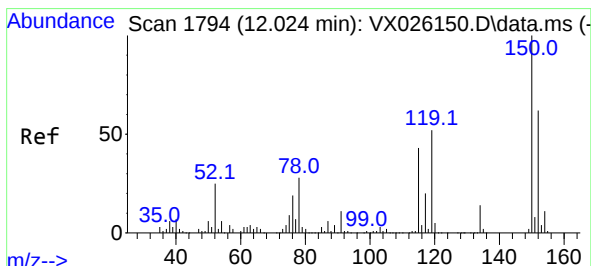
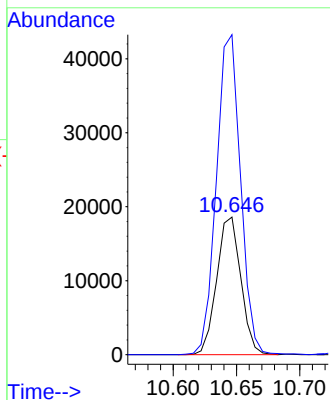
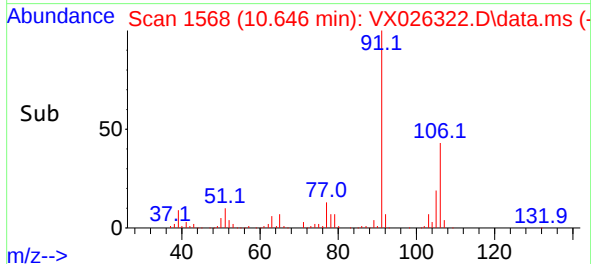
Instrument :
MSVOA_X
ClientSampleId :
40568DL



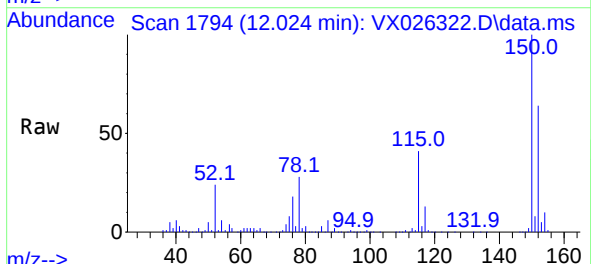
Tgt Ion:106 Resp: 24660
Ion Ratio Lower Upper
106 100
91 232.9 105.5 316.4

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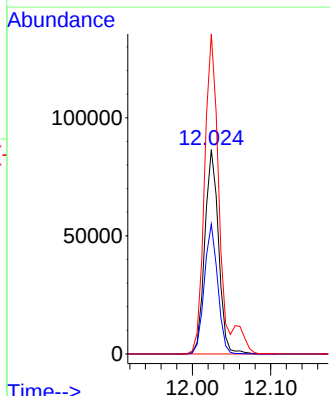
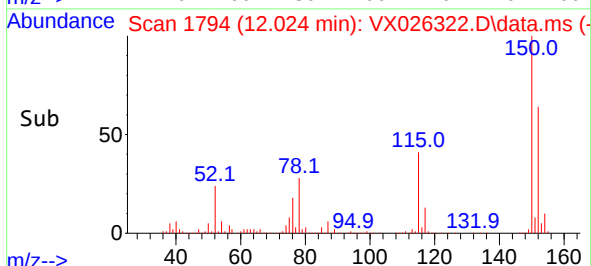
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/07/2022

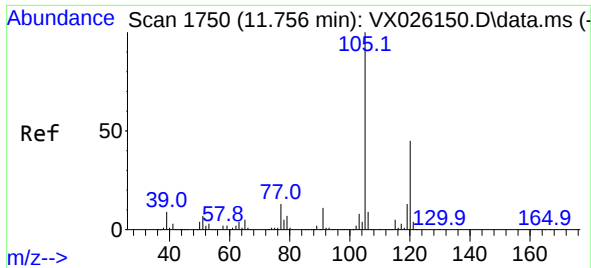


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026322.D
Acq: 05 Jan 2022 15:14



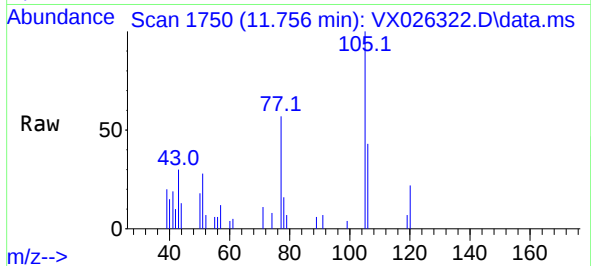
Tgt Ion:152 Resp: 104976
Ion Ratio Lower Upper
152 100
115 61.6 41.3 123.9
150 157.9 0.0 351.8





#84
 1,2,4-Trimethylbenzene
 Concen: 0.259 ug/l
 RT: 11.756 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX026322.D
 Acq: 05 Jan 2022 15:14

Instrument :
 MSVOA_X
 ClientSampleId :
 40568DL



Tgt Ion:105 Resp: 175
 Ion Ratio Lower Upper
 105 100
 120 23.4 22.9 68.7

Manual Integrations
 APPROVED

Reviewed By :John Carlone 01/06/2022
 Supervised By :Mahesh Dadoda 01/07/2022

