

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120822\
 Data File : VX033331.D
 Acq On : 08 Dec 2022 18:13
 Operator : JC/MD
 Sample : N5906-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 H-1R

Quant Time: Dec 09 00:52:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 07 12:43:54 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/09/2022
 Supervised By : Mahesh Dadoda 12/09/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	148147	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	235029	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	213415	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	108101	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	45524	47.899	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.800%		
35) Dibromofluoromethane	5.385	113	50673	47.935	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.880%		
50) Toluene-d8	8.647	98	113686	51.408	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	102.820%		
62) 4-Bromofluorobenzene	11.079	95	91791	54.286	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	108.580%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.983	59	340416	1171.536	ug/l	100
16) Acetone	2.392	43	2821	4.011	ug/l	90
19) Methyl tert-butyl Ether	3.111	73	58846	12.649	ug/l #	1
22) Diisopropyl ether	3.757	45	93619	20.373	ug/l #	86
31) Cyclohexane	5.470	56	28809	12.755	ug/l #	90
39) Methylcyclohexane	7.379	83	20756	8.997	ug/l #	66
40) Benzene	6.037	78	286274	47.639	ug/l	100
52) Toluene	8.720	92	4908	1.263	ug/l	89
67) Ethyl Benzene	10.195	91	117629	15.623	ug/l	97
68) m/p-Xylenes	10.305	106	15772	5.384	ug/l	98
69) o-Xylene	10.640	106	9582	3.309	ug/l	95
73) Isopropylbenzene	10.963	105	314691	40.163	ug/l	100
78) n-propylbenzene	11.305	91	396299	45.298	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	26104	4.002	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	592028	90.935	ug/l	99
85) sec-Butylbenzene	11.890	105	83175	10.961	ug/l	96
86) p-Isopropyltoluene	12.012	119	4054m	0.620	ug/l	
89) n-Butylbenzene	12.329	91	39375	7.348	ug/l #	48
95) Naphthalene	13.774	128	331622	45.940	ug/l	99

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

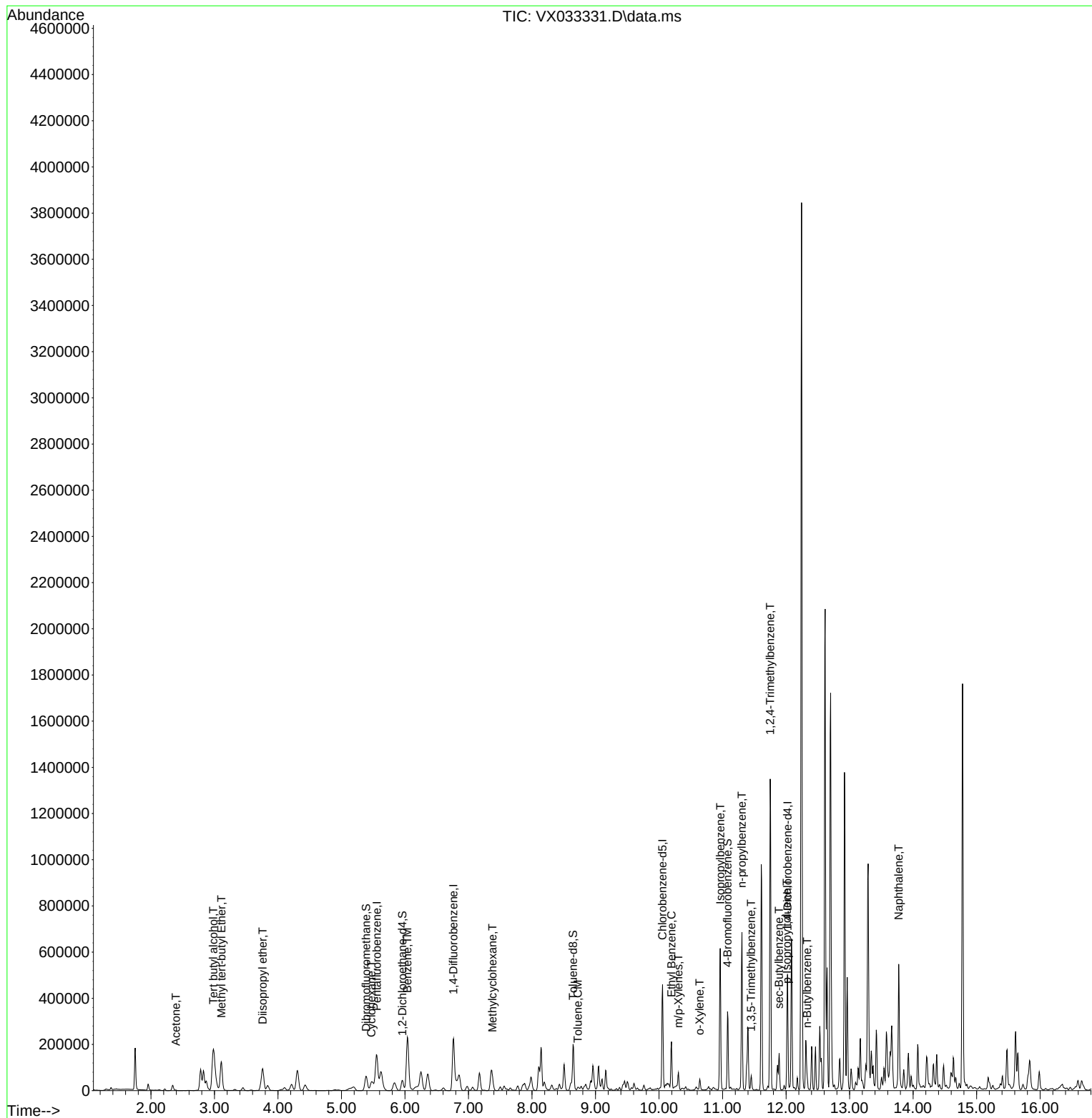
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120822\
Data File : VX033331.D
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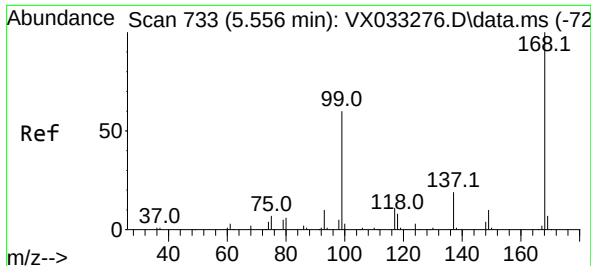
Instrument :
MSVOA_X
ClientSampleId :
H-1R

Quant Time: Dec 09 00:52:38 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 07 12:43:54 2022
Response via : Initial Calibration

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APPROVED

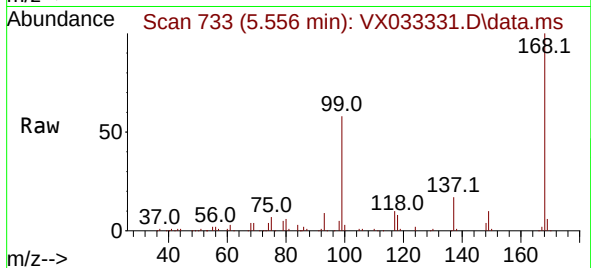
Reviewed By : John Carlone 12/09/2022
Supervised By : Mahesh Dadoda 12/09/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX033331.D
Acq: 08 Dec 2022 18:13

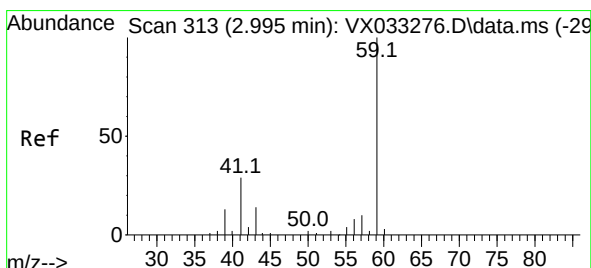
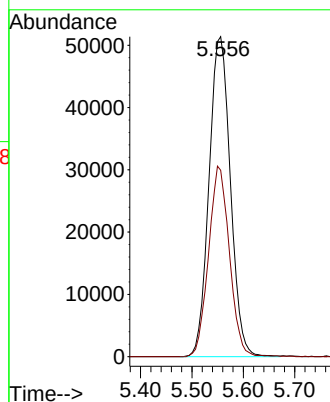
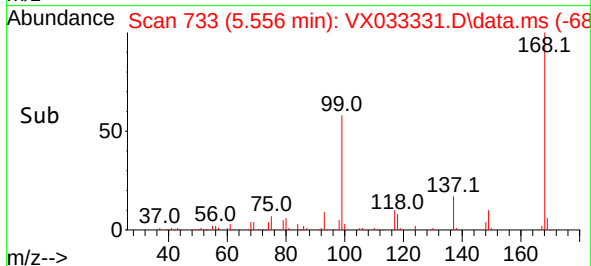
Instrument :
MSVOA_X
ClientSampleId :
H-1R



Tgt Ion:168 Resp: 14814
Ion Ratio Lower Upper
168 100
99 58.2 46.1 69.1

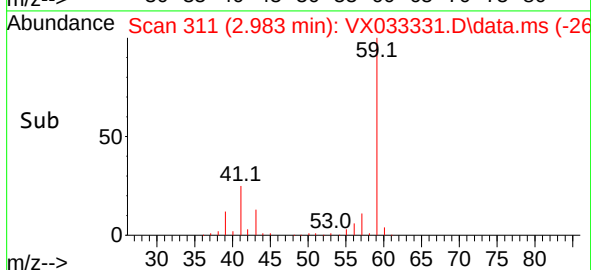
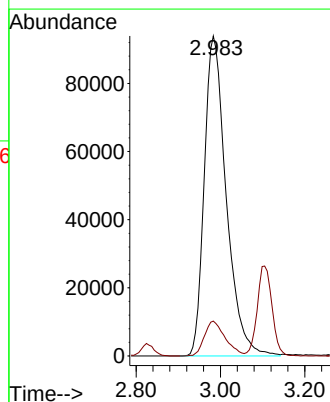
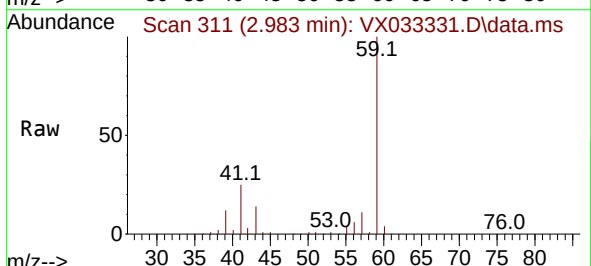
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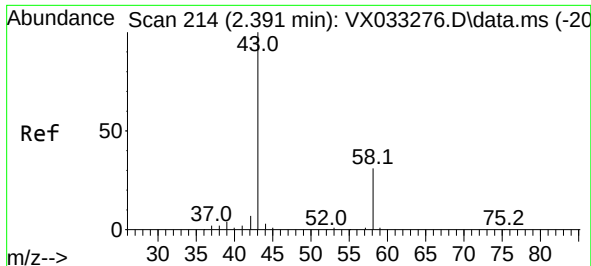
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#11
Tert butyl alcohol
Concen: 1171.536 ug/l
RT: 2.983 min Scan# 311
Delta R.T. -0.012 min
Lab File: VX033331.D
Acq: 08 Dec 2022 18:13

Tgt Ion: 59 Resp: 340416
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.4





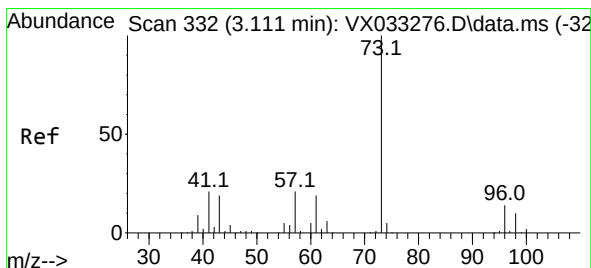
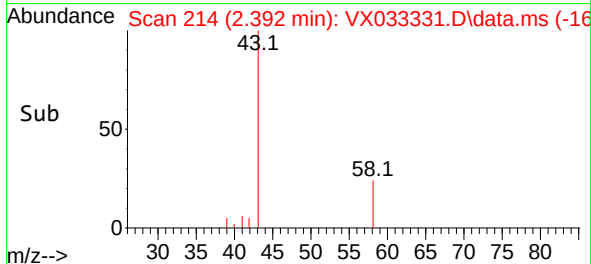
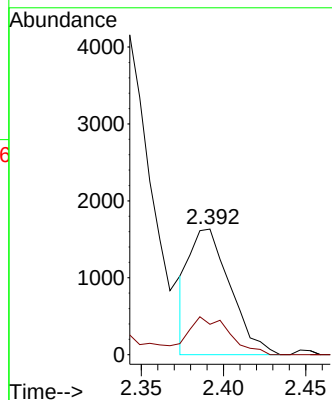
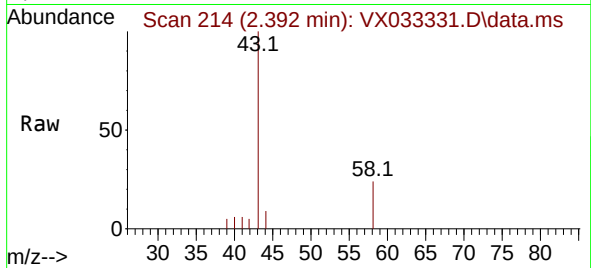
#16
Acetone
Concen: 4.011 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX033331.D
Acq: 08 Dec 2022 18:13

Instrument :
MSVOA_X
ClientSampleId :
H-1R

Tgt Ion: 43 Resp: 282
Ion Ratio Lower Upper
43 100
58 24.2 23.8 35.8

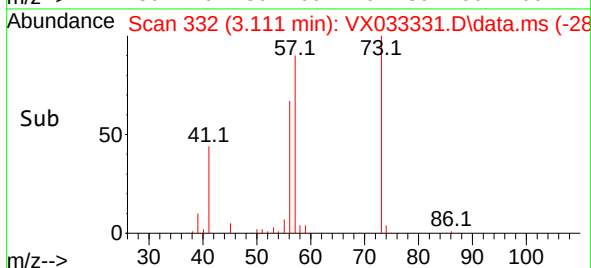
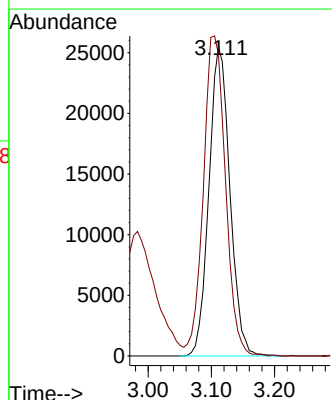
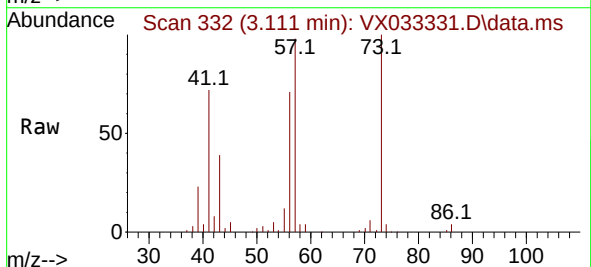
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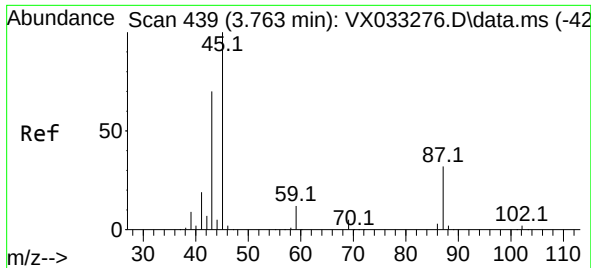
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#19
Methyl tert-butyl Ether
Concen: 12.649 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX033331.D
Acq: 08 Dec 2022 18:13

Tgt Ion: 73 Resp: 58846
Ion Ratio Lower Upper
73 100
57 97.7 16.6 25.0#





#22

Diisopropyl ether

Concen: 20.373 ug/l

RT: 3.757 min Scan# 438

Delta R.T. -0.006 min

Lab File: VX033331.D

Acq: 08 Dec 2022 18:13

Instrument :

MSVOA_X

ClientSampleId :

H-1R

Tgt Ion: 45 Resp: 93619

Ion Ratio Lower Upper

45 100

43 52.7 56.4 84.6

87 30.6 24.4 36.6

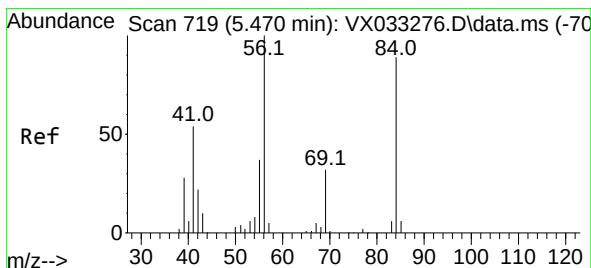
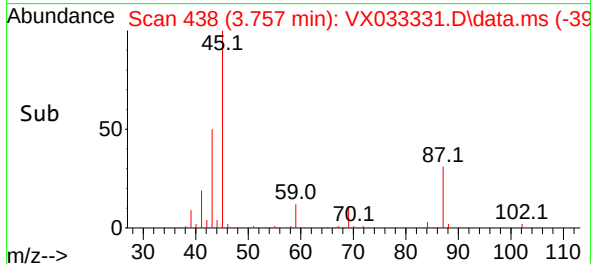
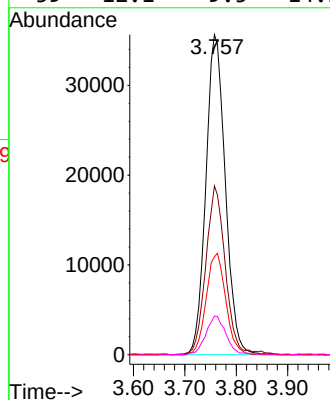
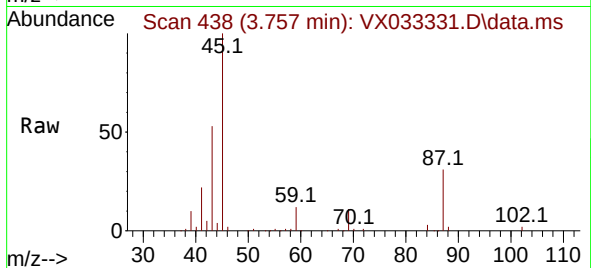
59 12.1 9.5 14.3

Manual Integrations

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Reviewed By :John Carlone 12/09/2022

Supervised By :Mahesh Dadoda 12/09/2022



#31

Cyclohexane

Concen: 12.755 ug/l

RT: 5.470 min Scan# 719

Delta R.T. 0.000 min

Lab File: VX033331.D

Acq: 08 Dec 2022 18:13

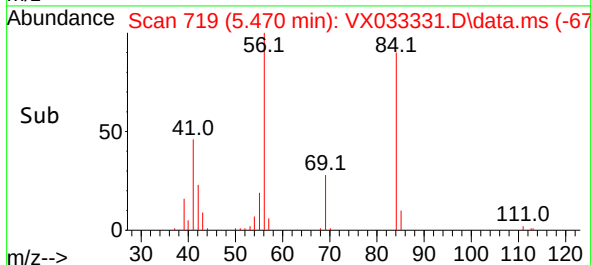
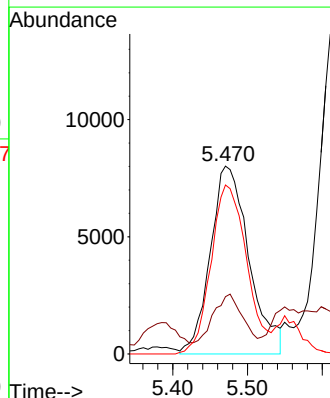
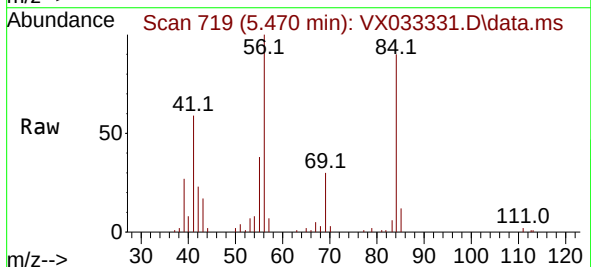
Tgt Ion: 56 Resp: 28809

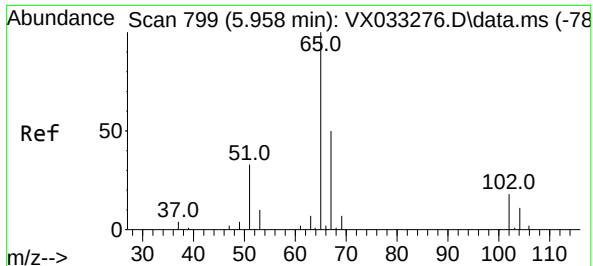
Ion Ratio Lower Upper

56 100

69 21.7 24.1 36.1

84 90.5 66.9 100.3





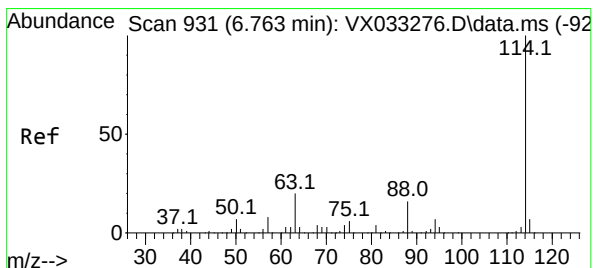
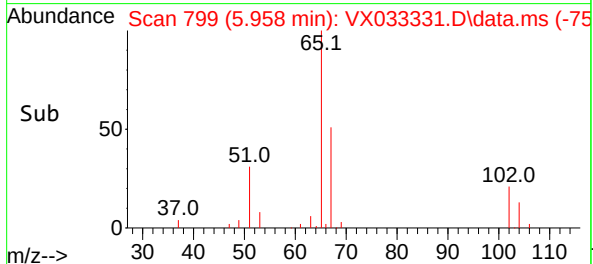
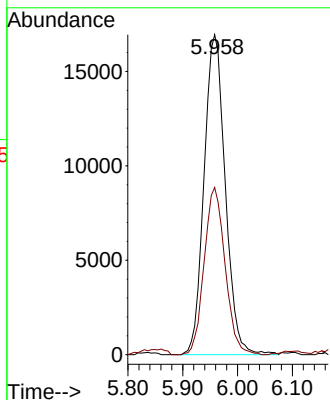
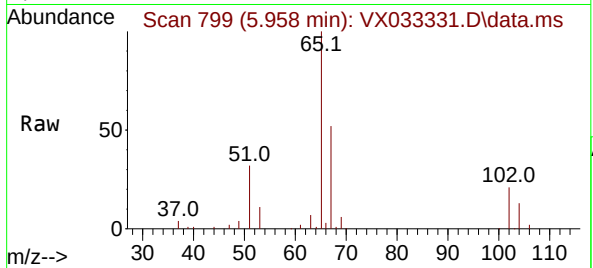
#33
1,2-Dichloroethane-d4
Concen: 47.899 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033331.D
Acq: 08 Dec 2022 18:13

Instrument :
MSVOA_X
ClientSampleId :
H-1R

Tgt Ion: 65 Resp: 45524
Ion Ratio Lower Upper
65 100
67 51.6 0.0 101.8

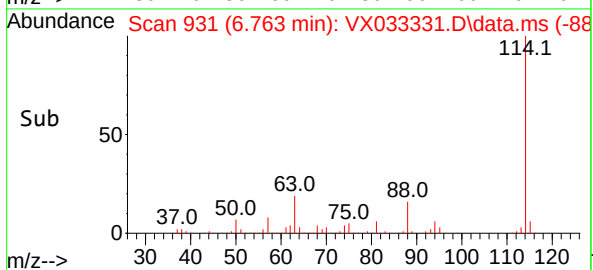
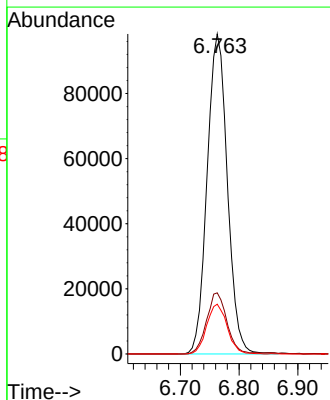
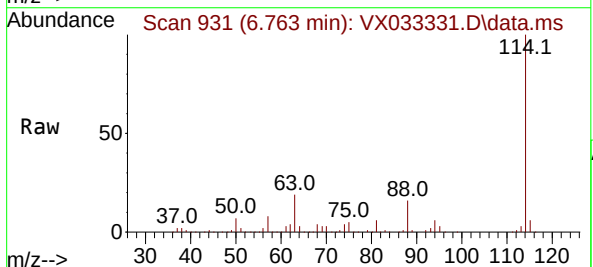
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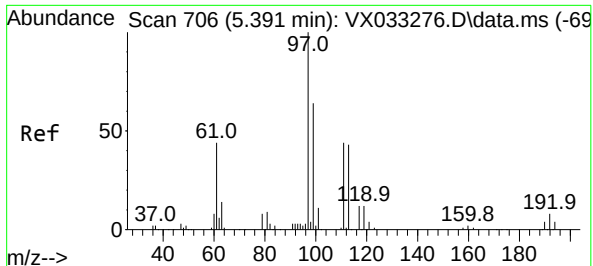
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX033331.D
Acq: 08 Dec 2022 18:13

Tgt Ion:114 Resp: 235029
Ion Ratio Lower Upper
114 100
63 19.1 0.0 41.6
88 15.6 0.0 33.4





#35

Dibromofluoromethane

Concen: 47.935 ug/l

RT: 5.385 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX033331.D

Acq: 08 Dec 2022 18:13

Instrument :

MSVOA_X

ClientSampleId :

H-1R

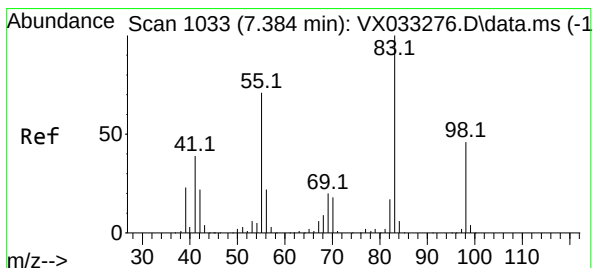
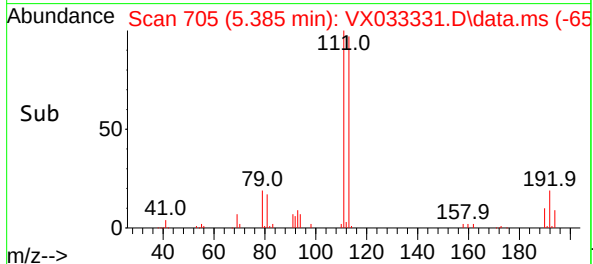
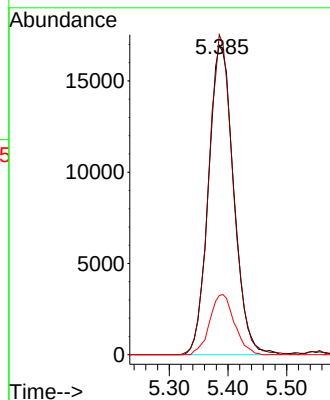
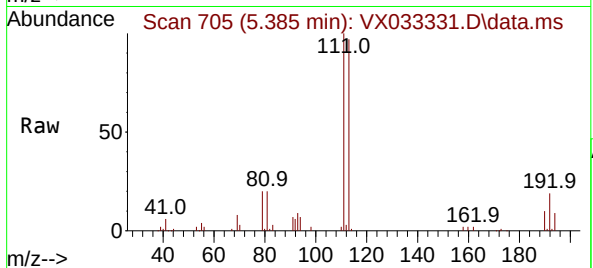
Tgt Ion:	113	Resp:	5067
Ion	Ratio	Lower	Upper
113	100		
111	100.4	82.4	123.6
192	19.0	15.4	23.2

Manual Integrations

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Supervised By :Mahesh Dadoda 12/09/2022



#39

Methylcyclohexane

Concen: 8.997 ug/l

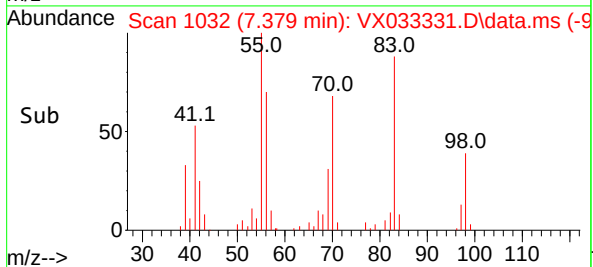
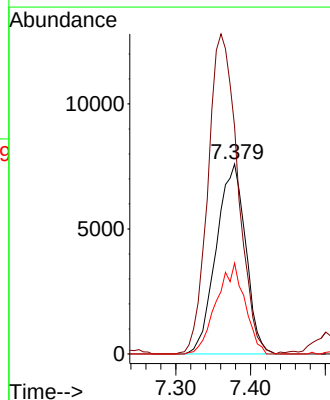
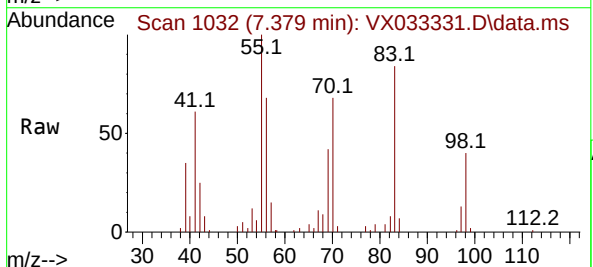
RT: 7.379 min Scan# 1032

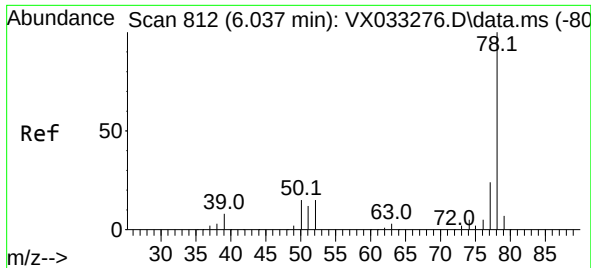
Delta R.T. -0.006 min

Lab File: VX033331.D

Acq: 08 Dec 2022 18:13

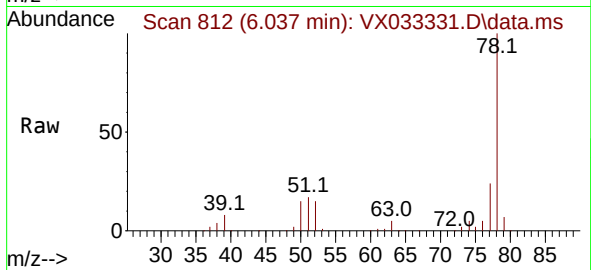
Tgt Ion:	83	Resp:	20756
Ion	Ratio	Lower	Upper
83	100		
55	118.9	58.4	87.6
98	47.9	37.2	55.8





#40
Benzene
Concen: 47.639 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX033331.D
Acq: 08 Dec 2022 18:13

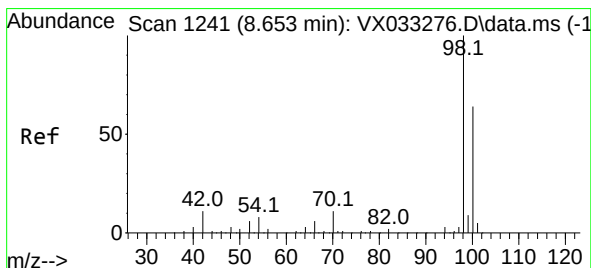
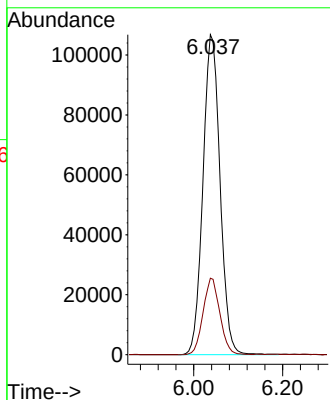
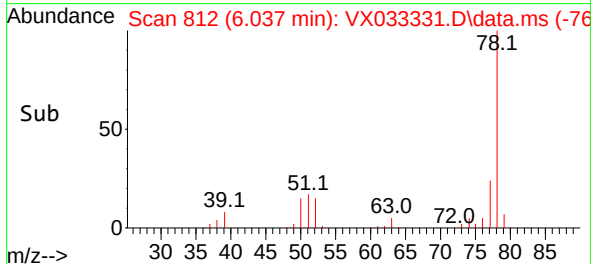
Instrument :
MSVOA_X
ClientSampleId :
H-1R



Tgt Ion: 78 Resp: 286274
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.4

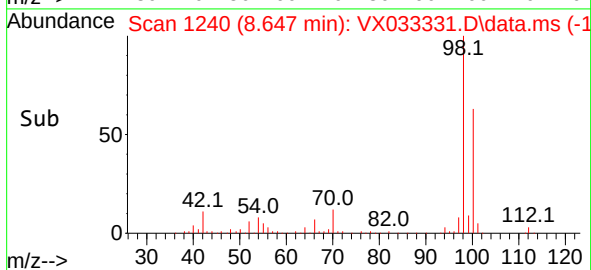
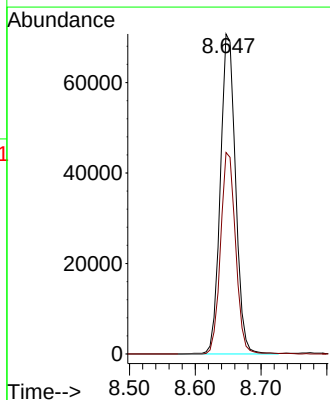
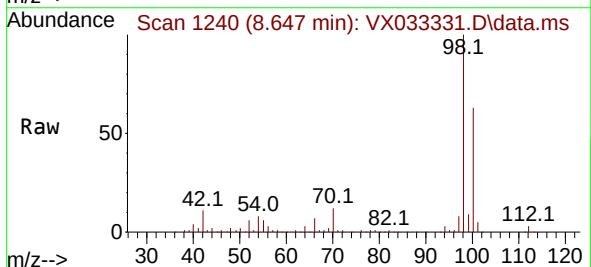
Manual Integrations
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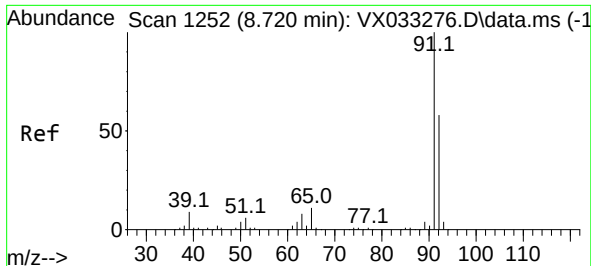
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#50
Toluene-d8
Concen: 51.408 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX033331.D
Acq: 08 Dec 2022 18:13

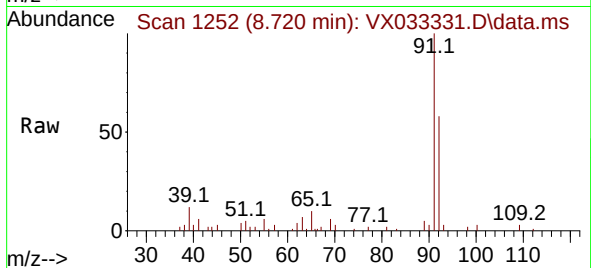
Tgt Ion: 98 Resp: 113686
Ion Ratio Lower Upper
98 100
100 62.4 50.9 76.3





#52
Toluene
Concen: 1.263 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033331.D
Acq: 08 Dec 2022 18:13

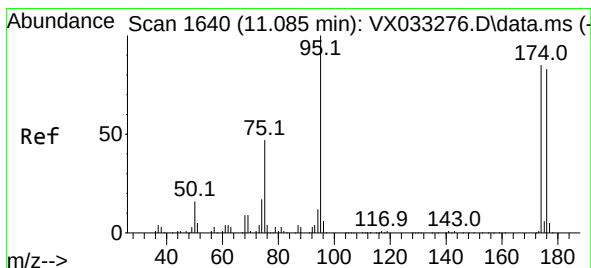
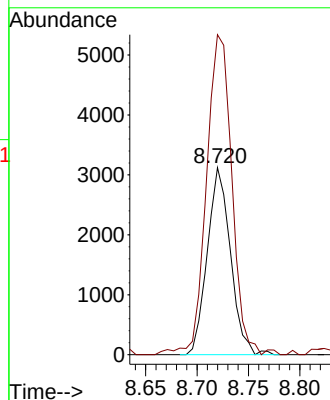
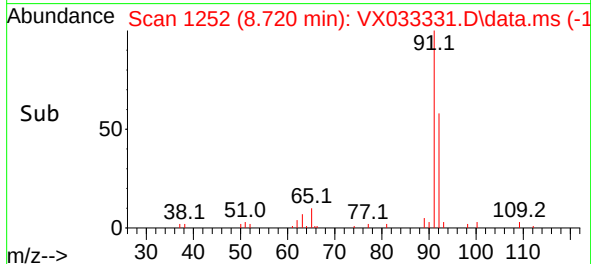
Instrument :
MSVOA_X
ClientSampleId :
H-1R



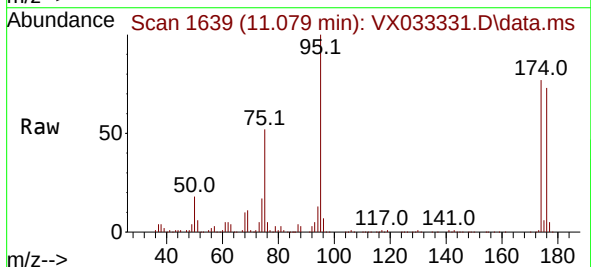
Tgt Ion: 92 Resp: 4908
Ion Ratio Lower Upper
92 100
91 188.2 138.3 207.5

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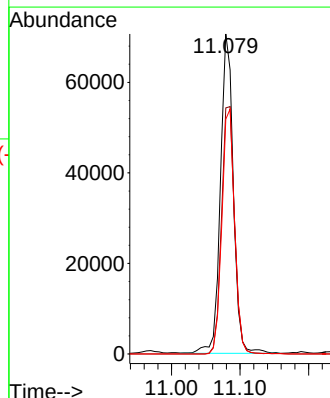
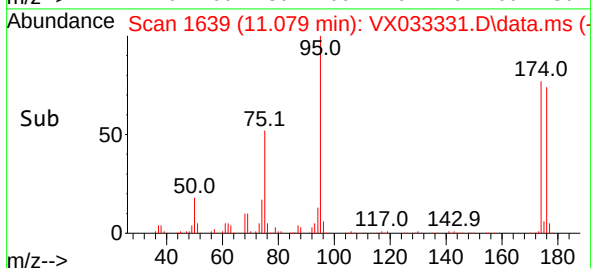
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022

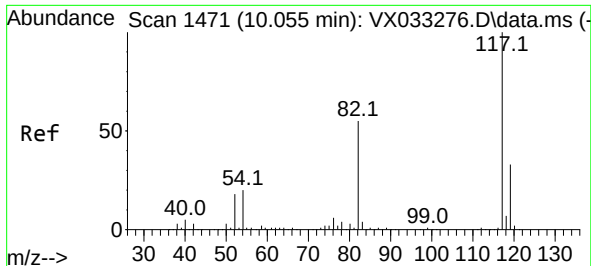


#62
4-Bromofluorobenzene
Concen: 54.286 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX033331.D
Acq: 08 Dec 2022 18:13



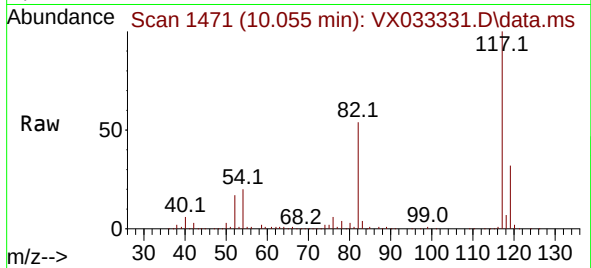
Tgt Ion: 95 Resp: 91791
Ion Ratio Lower Upper
95 100
174 78.3 0.0 164.0
176 75.6 0.0 154.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033331.D
Acq: 08 Dec 2022 18:13

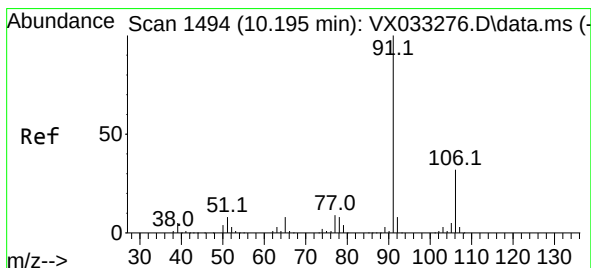
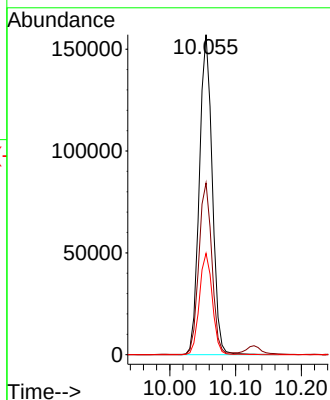
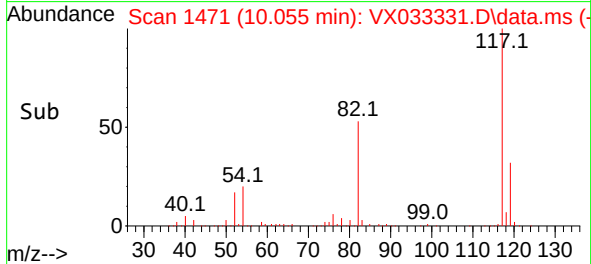
Instrument :
MSVOA_X
ClientSampleId :
H-1R



Tgt Ion:117 Resp: 21341
Ion Ratio Lower Upper
117 100
82 53.5 44.3 66.5
119 31.7 25.7 38.5

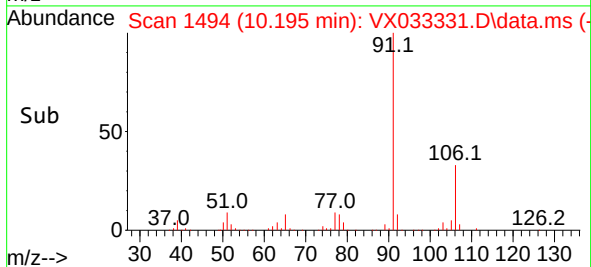
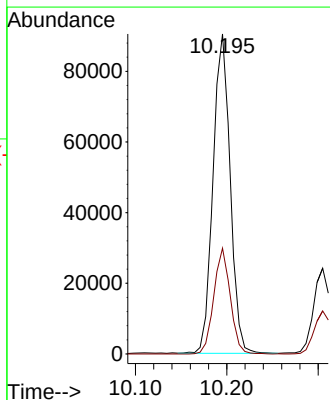
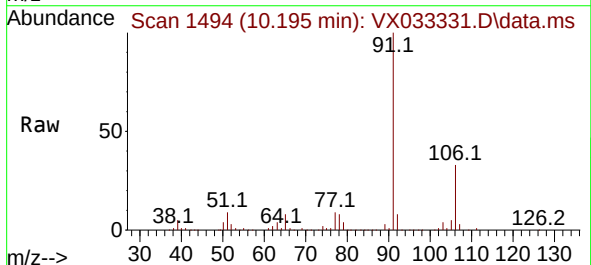
Manual Integrations
APPROVED

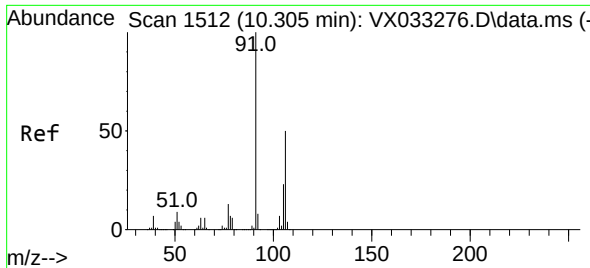
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#67
Ethyl Benzene
Concen: 15.623 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033331.D
Acq: 08 Dec 2022 18:13

Tgt Ion: 91 Resp: 117629
Ion Ratio Lower Upper
91 100
106 33.1 25.0 37.6





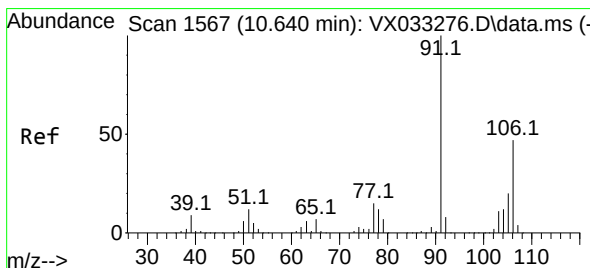
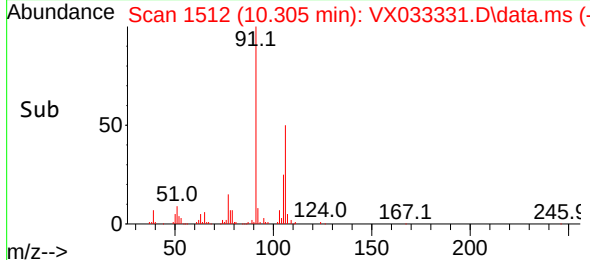
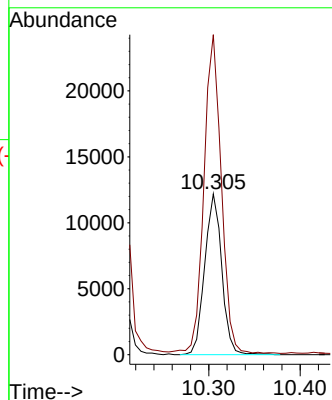
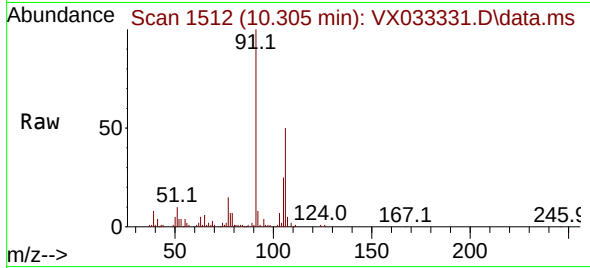
#68
m/p-Xylenes
Concen: 5.384 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX033331.D
Acq: 08 Dec 2022 18:13

Instrument :
MSVOA_X
ClientSampleId :
H-1R

Tgt Ion:106 Resp: 15772
Ion Ratio Lower Upper
106 100
91 201.9 164.5 246.7

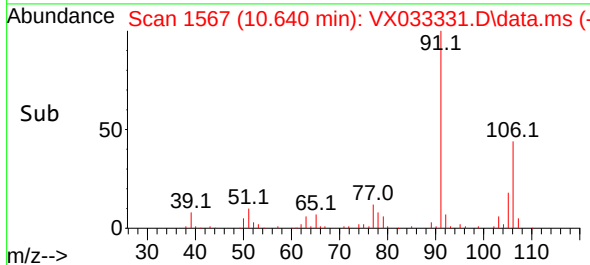
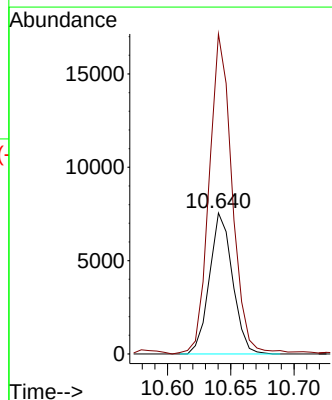
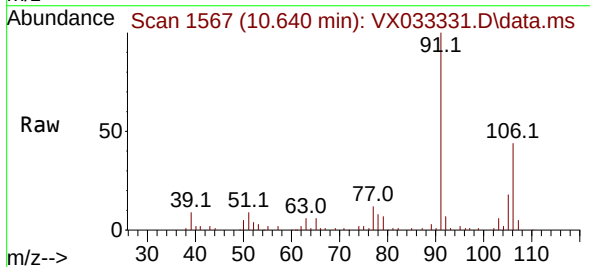
Manual Integrations
APPROVED

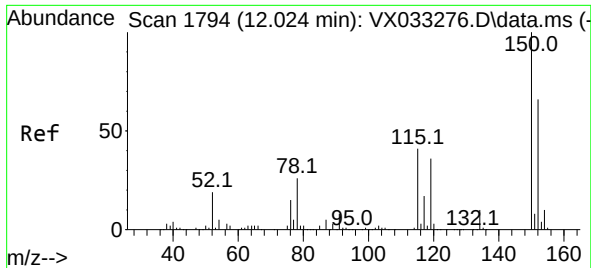
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#69
o-Xylene
Concen: 3.309 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX033331.D
Acq: 08 Dec 2022 18:13

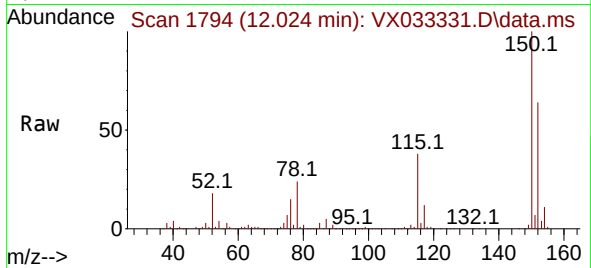
Tgt Ion:106 Resp: 9582
Ion Ratio Lower Upper
106 100
91 226.6 109.2 327.6





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033331.D
Acq: 08 Dec 2022 18:13

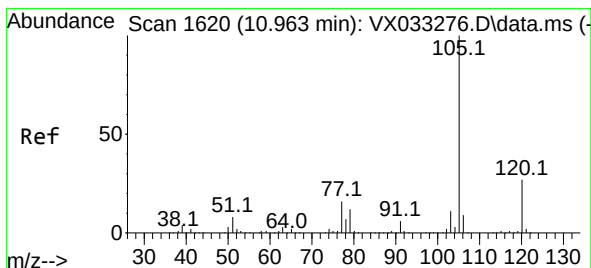
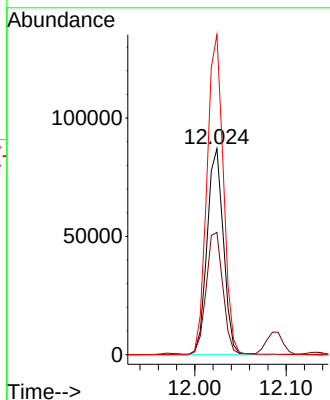
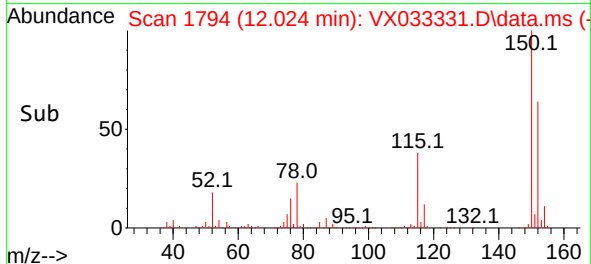
Instrument :
MSVOA_X
ClientSampleId :
H-1R



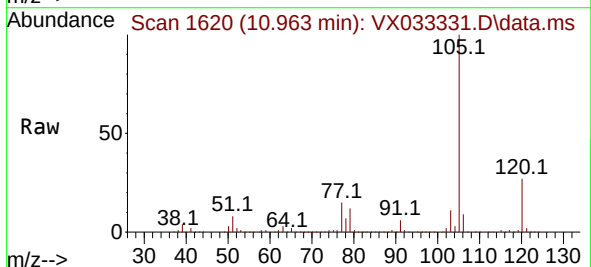
Tgt Ion:152 Resp: 10810
Ion Ratio Lower Upper
152 100
115 60.6 44.0 132.0
150 156.2 0.0 351.8

Manual Integrations
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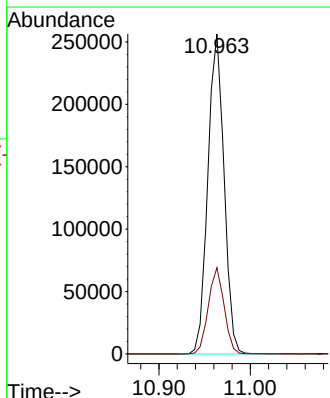
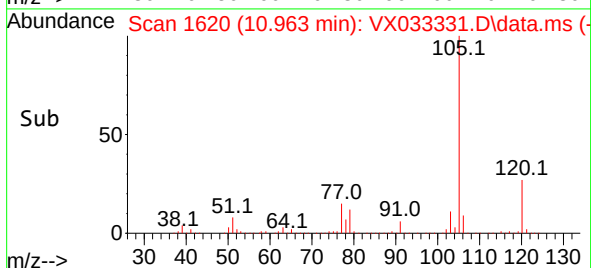
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022

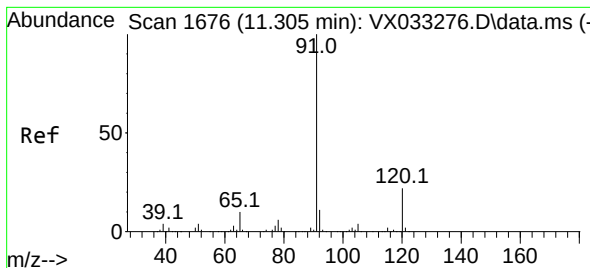


#73
Isopropylbenzene
Concen: 40.163 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX033331.D
Acq: 08 Dec 2022 18:13



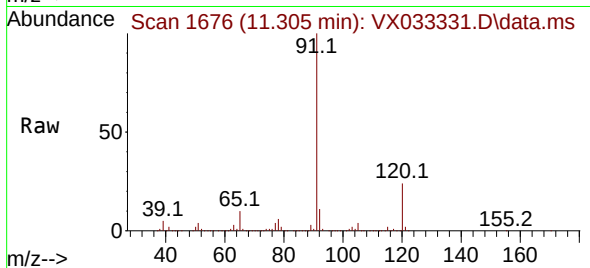
Tgt Ion:105 Resp: 314691
Ion Ratio Lower Upper
105 100
120 26.3 13.1 39.3





#78
n-propylbenzene
Concen: 45.298 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX033331.D
Acq: 08 Dec 2022 18:13

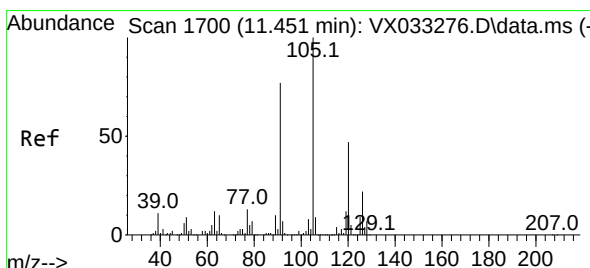
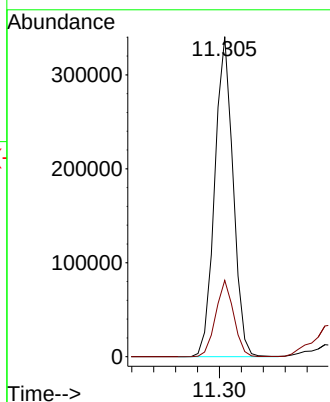
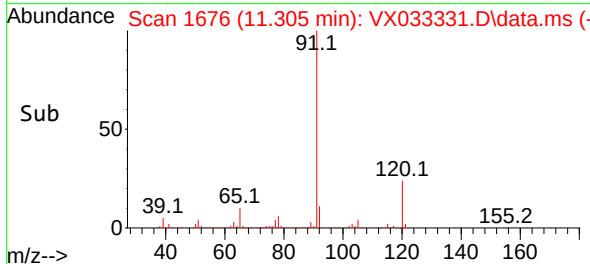
Instrument :
MSVOA_X
ClientSampleId :
H-1R



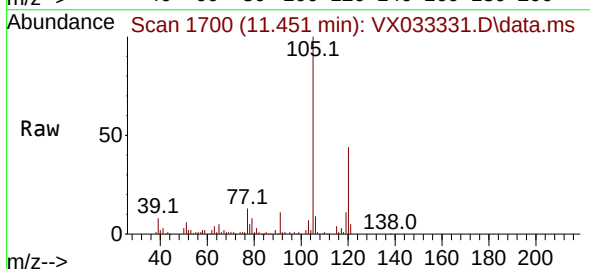
Tgt Ion: 91 Resp: 396299
Ion Ratio Lower Upper
91 100
120 23.4 11.6 34.8

Manual Integrations
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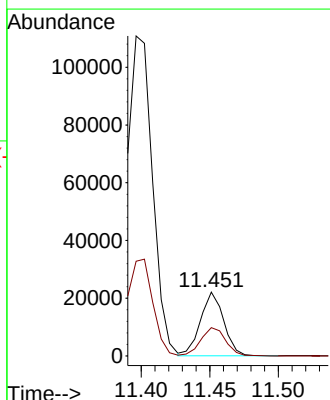
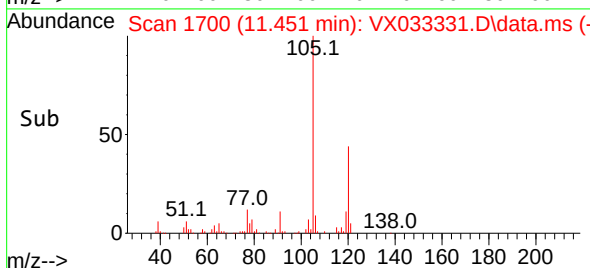
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022

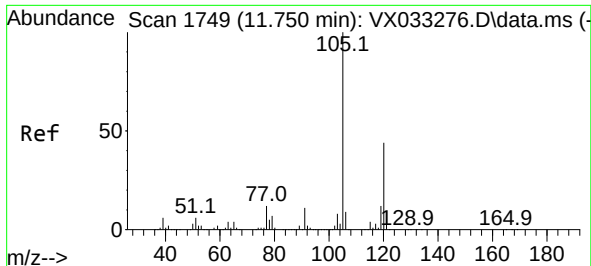


#80
1,3,5-Trimethylbenzene
Concen: 4.002 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX033331.D
Acq: 08 Dec 2022 18:13



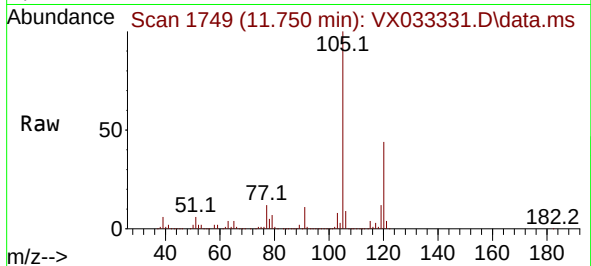
Tgt Ion:105 Resp: 26104
Ion Ratio Lower Upper
105 100
120 47.8 23.6 71.0





#84
1,2,4-Trimethylbenzene
Concen: 90.935 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX033331.D
Acq: 08 Dec 2022 18:13

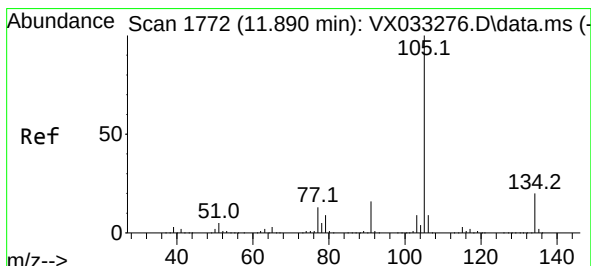
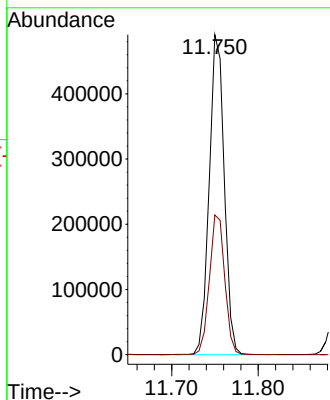
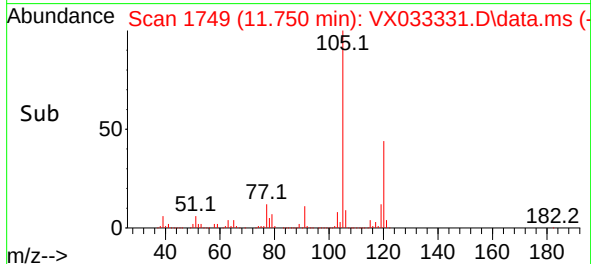
Instrument :
MSVOA_X
ClientSampleId :
H-1R



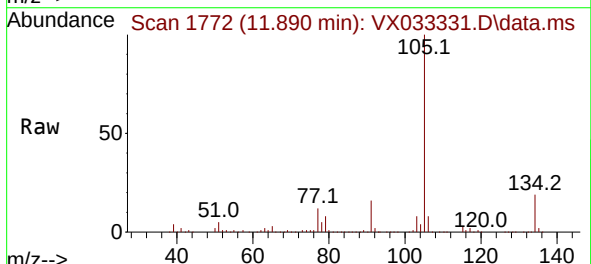
Tgt Ion:105 Resp: 592028
Ion Ratio Lower Upper
105 100
120 44.6 21.9 65.5

Manual Integrations
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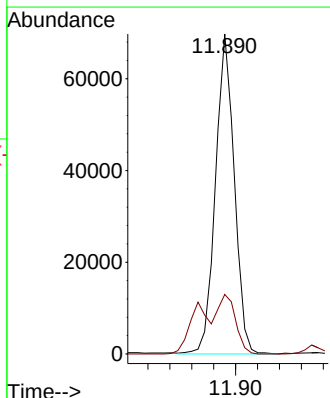
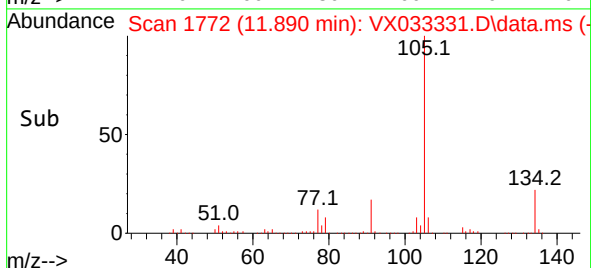
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022

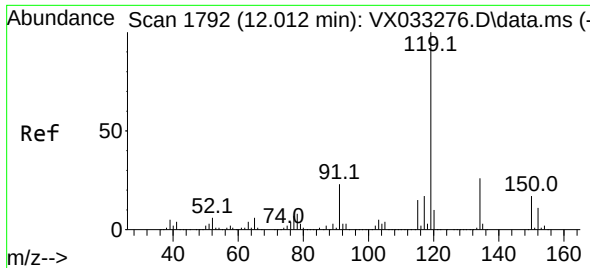


#85
sec-Butylbenzene
Concen: 10.961 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX033331.D
Acq: 08 Dec 2022 18:13



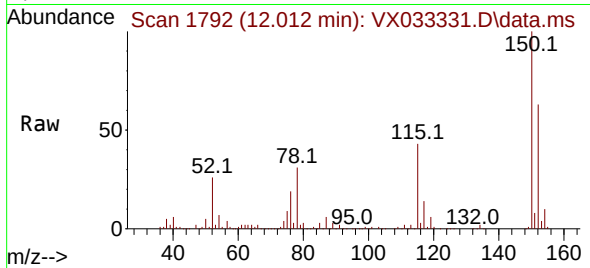
Tgt Ion:105 Resp: 83175
Ion Ratio Lower Upper
105 100
134 18.0 9.9 29.7





#86
p-Isopropyltoluene
Concen: 0.620 ug/l m
RT: 12.012 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033331.D
Acq: 08 Dec 2022 18:13

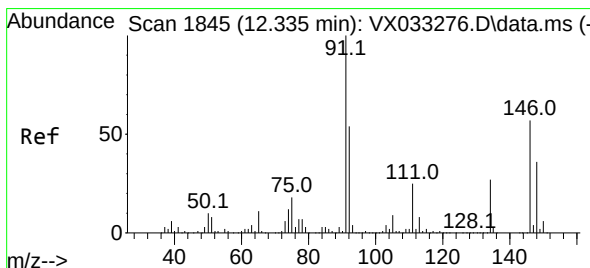
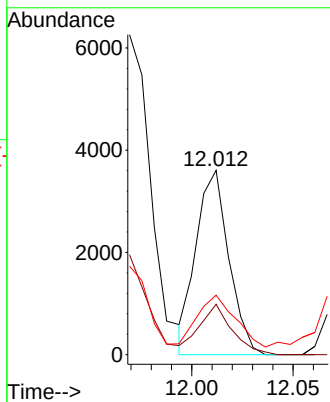
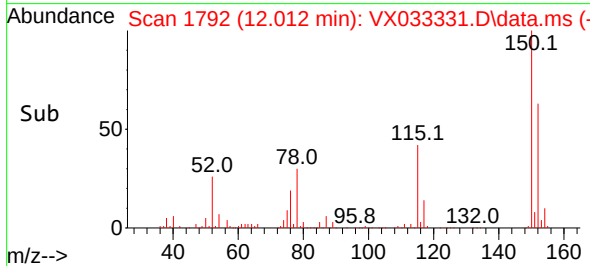
Instrument :
MSVOA_X
ClientSampleId :
H-1R



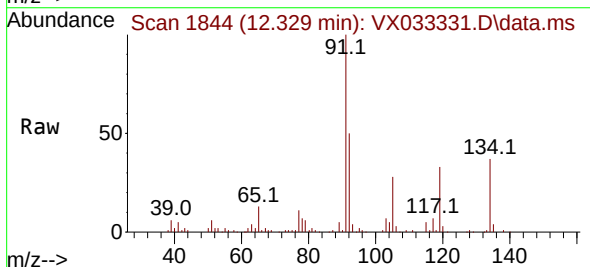
Tgt Ion: 119 Resp: 4054
Ion Ratio Lower Upper
119 100
134 0.0 12.9 38.7
91 0.0 12.5 37.5

Manual Integrations
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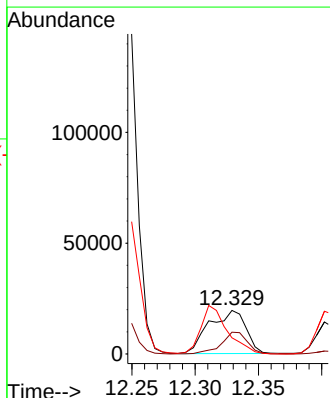
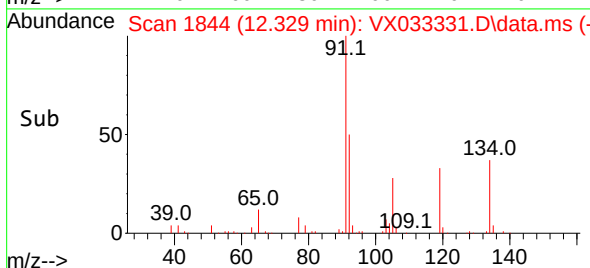
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022

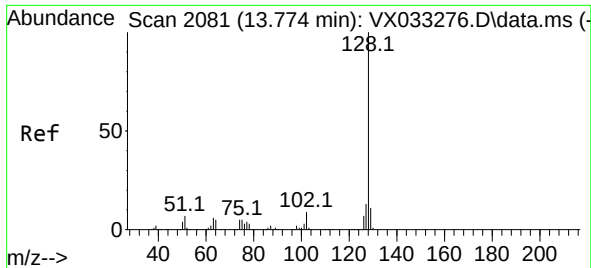


#89
n-Butylbenzene
Concen: 7.348 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX033331.D
Acq: 08 Dec 2022 18:13



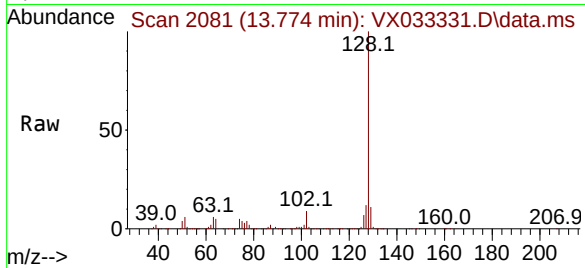
Tgt Ion: 91 Resp: 39375
Ion Ratio Lower Upper
91 100
92 35.9 26.2 78.6
134 81.0 12.9 38.6





#95
Naphthalene
Concen: 45.940 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX033331.D
Acq: 08 Dec 2022 18:13

Instrument :
MSVOA_X
ClientSampleId :
H-1R



Tgt Ion:128 Resp: 331622
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 11.8 8.9 13.3

Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 12/09/2022

