

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072922\
 Data File : VX030309.D
 Acq On : 29 Jul 2022 17:43
 Operator : JC/MD
 Sample : N3861-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-19R

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/01/2022
 Supervised By : Mahesh Dadoda 08/01/2022

Quant Time: Aug 01 05:16:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 25 16:49:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	142271	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	253928	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	260846	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	149197	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	156825	54.842	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.680%			
35) Dibromofluoromethane	5.391	113	123447	50.855	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.720%			
50) Toluene-d8	8.653	98	474802	50.508	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.020%			
62) 4-Bromofluorobenzene	11.085	95	174952	50.147	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.300%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.965	59	147160	210.974	ug/l	97
16) Acetone	2.386	43	5301	3.621	ug/l #	83
19) Methyl tert-butyl Ether	3.117	73	31539	4.143	ug/l #	44
22) Diisopropyl ether	3.763	45	19631	2.262	ug/l #	71
31) Cyclohexane	5.477	56	51093	12.306	ug/l	90
39) Methylcyclohexane	7.385	83	27288	6.052	ug/l #	81
40) Benzene	6.044	78	56848	5.172	ug/l	98
52) Toluene	8.726	92	5167	0.771	ug/l	91
68) m/p-Xylenes	10.305	106	8179	1.704	ug/l	87
69) o-Xylene	10.640	106	1927	0.407	ug/l	85
73) Isopropylbenzene	10.963	105	159983	13.736	ug/l	99
78) n-propylbenzene	11.305	91	135629	9.757	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	3995	0.410	ug/l	84
83) tert-Butylbenzene	11.719	119	2903	0.321	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	3513	0.361	ug/l	100
85) sec-Butylbenzene	11.890	105	48032	3.882	ug/l	92
86) p-Isopropyltoluene	12.012	119	3806m	0.384	ug/l	
89) n-Butylbenzene	12.335	91	6736m	0.731	ug/l	

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

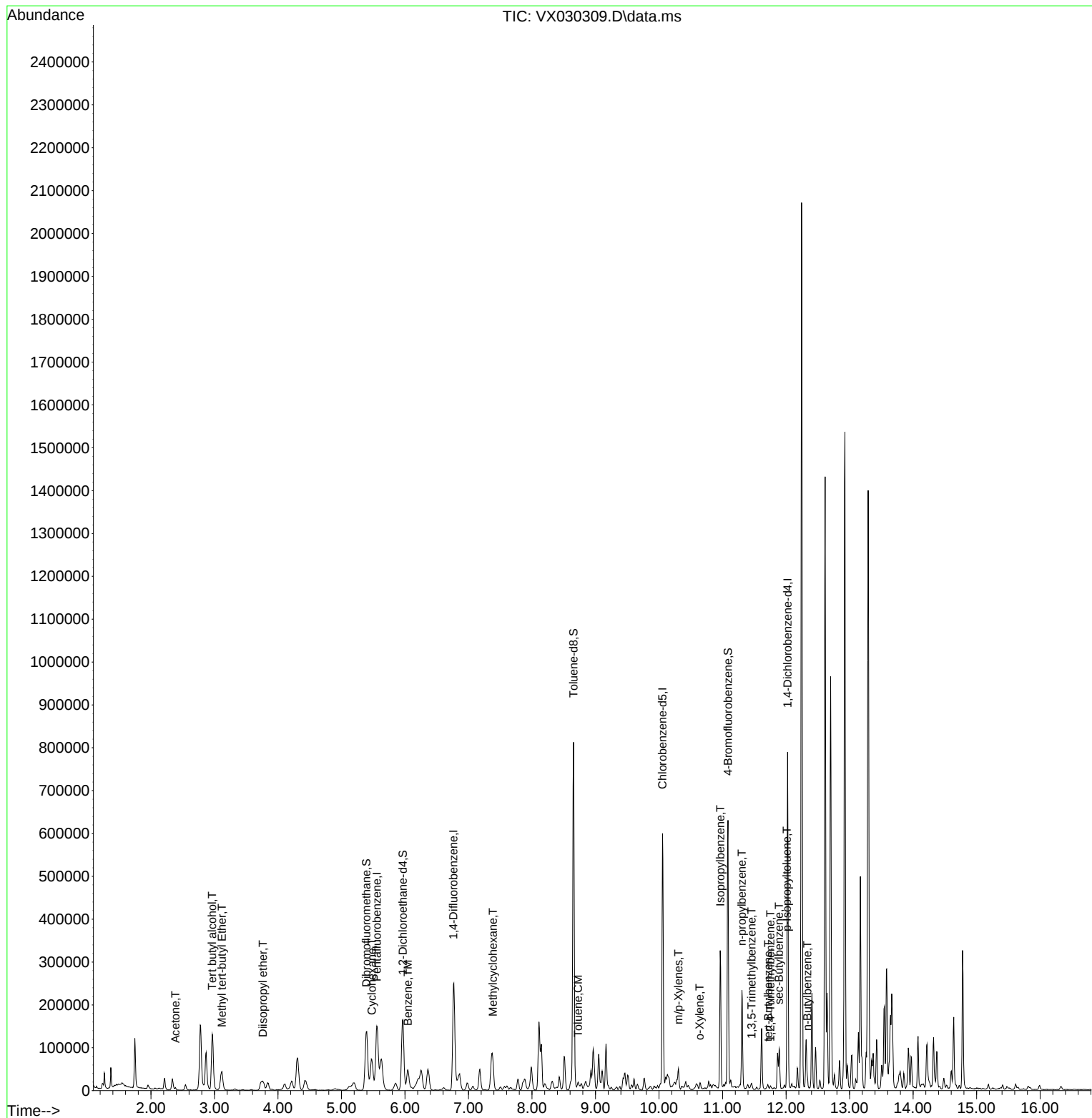
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072922\
Data File : VX030309.D
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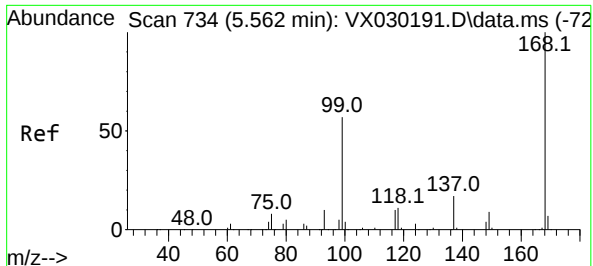
Instrument :
MSVOA_X
ClientSampleId :
MW-19R

Quant Time: Aug 01 05:16:20 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 25 16:49:17 2022
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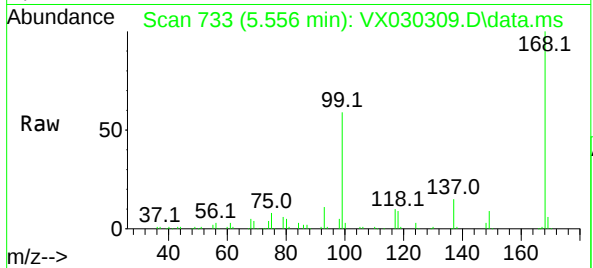
Reviewed By : John Carlone 08/01/2022
Supervised By : Mahesh Dadoda 08/01/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX030309.D
Acq: 29 Jul 2022 17:43

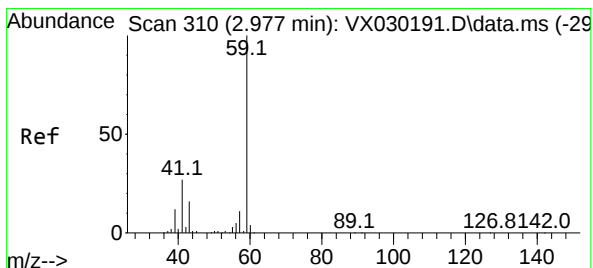
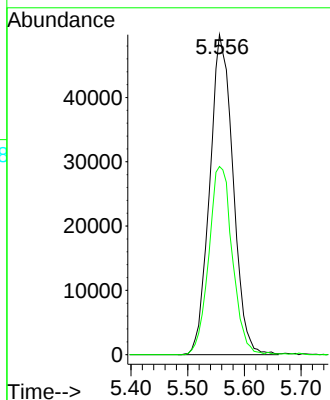
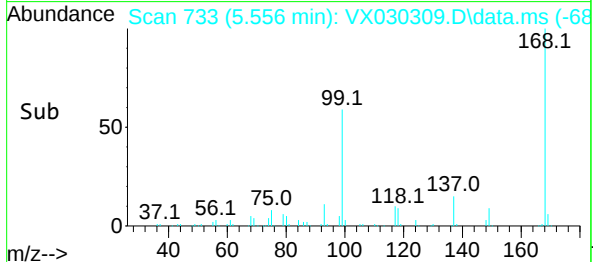
Instrument :
MSVOA_X
ClientSampleId :
MW-19R



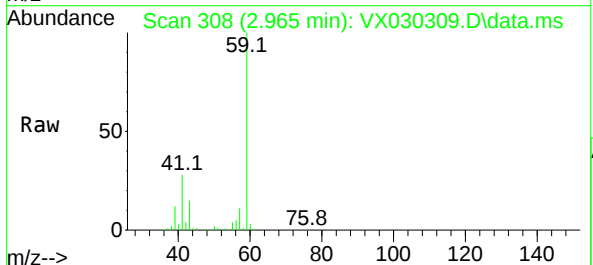
Tgt Ion:168 Resp: 14227
Ion Ratio Lower Upper
168 100
99 58.8 44.0 66.0

Manual Integrations
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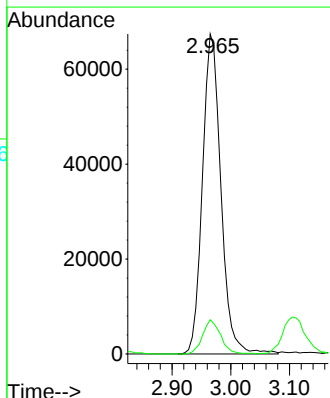
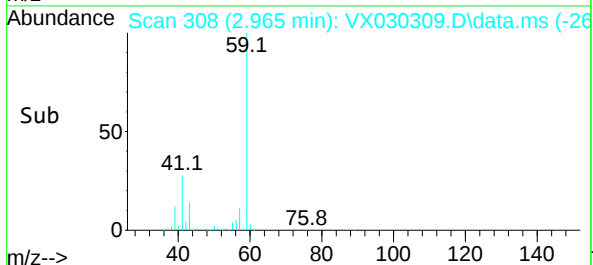
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022

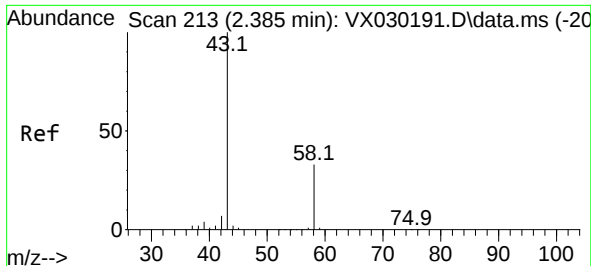


#11
Tert butyl alcohol
Concen: 210.974 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.012 min
Lab File: VX030309.D
Acq: 29 Jul 2022 17:43



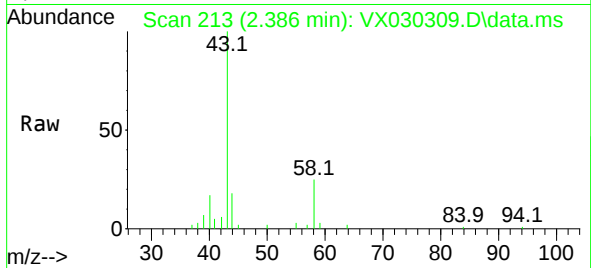
Tgt Ion: 59 Resp: 147160
Ion Ratio Lower Upper
59 100
57 10.4 7.4 11.2





#16
Acetone
Concen: 3.621 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.001 min
Lab File: VX030309.D
Acq: 29 Jul 2022 17:43

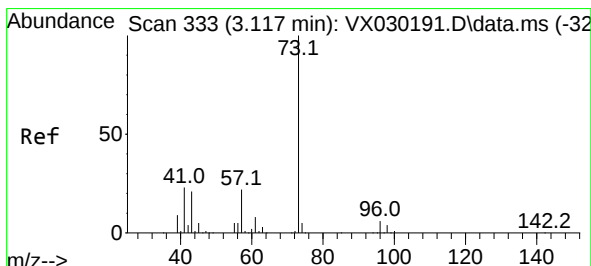
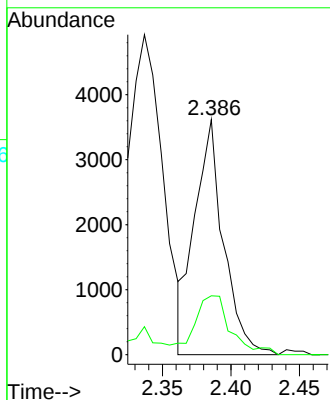
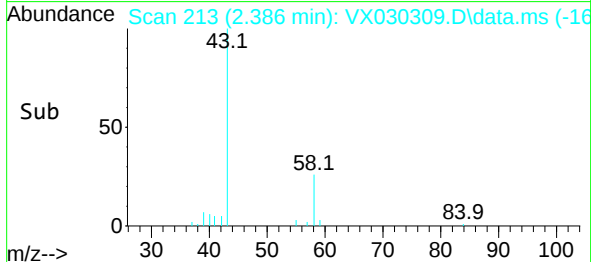
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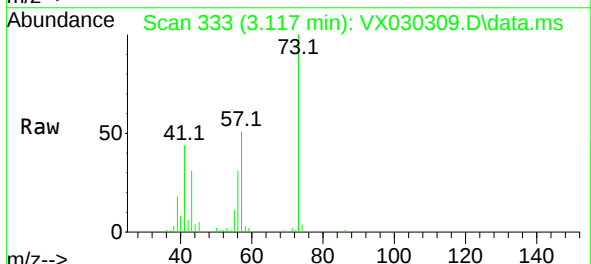
Tgt Ion: 43 Resp: 530
Ion Ratio Lower Upper
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58 25.0 27.7 41.5

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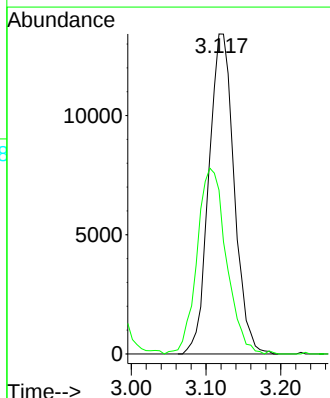
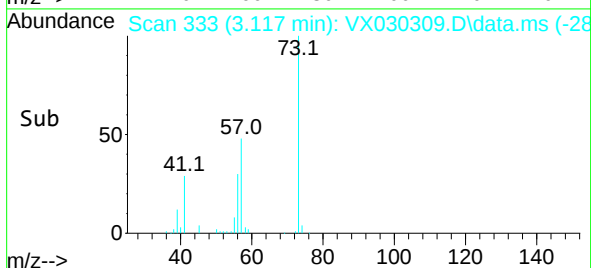
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022

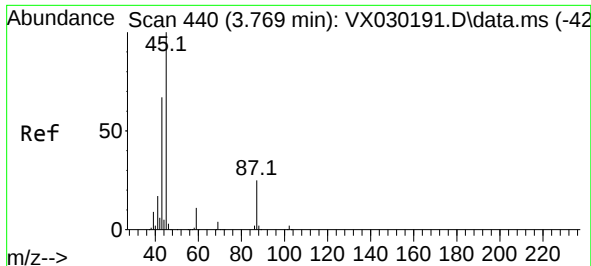


#19
Methyl tert-butyl Ether
Concen: 4.143 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX030309.D
Acq: 29 Jul 2022 17:43



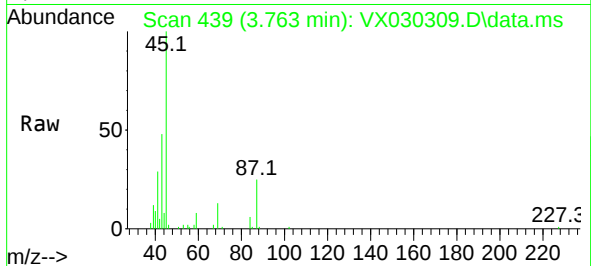
Tgt Ion: 73 Resp: 31539
Ion Ratio Lower Upper
73 100
57 51.2 19.0 28.6





#22
Diisopropyl ether
Concen: 2.262 ug/l
RT: 3.763 min Scan# 41
Delta R.T. -0.006 min
Lab File: VX030309.D
Acq: 29 Jul 2022 17:43

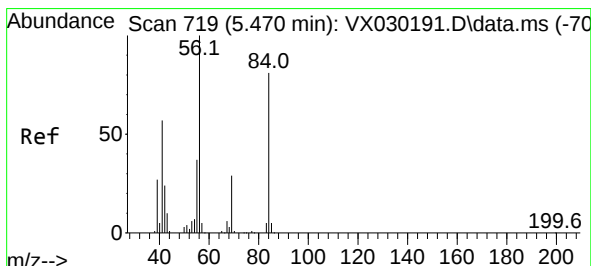
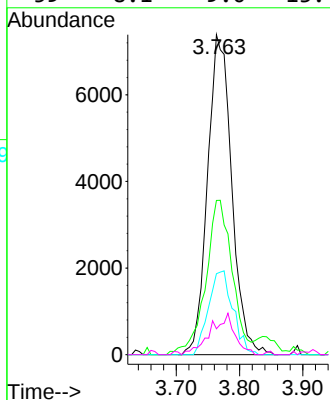
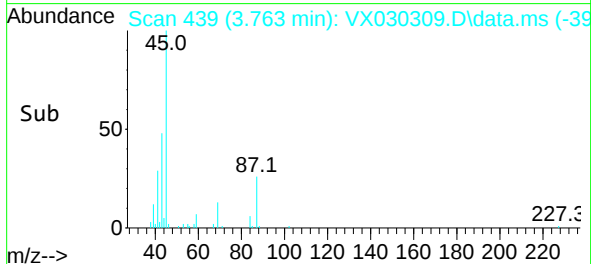
Instrument :
MSVOA_X
ClientSampleId :
MW-19R



Tgt Ion: 45	Resp: 1963
Ion Ratio	Lower Upper
45 100	
43 46.1	65.4 98.0
87 25.3	22.3 33.5
59 8.1	9.0 13.4

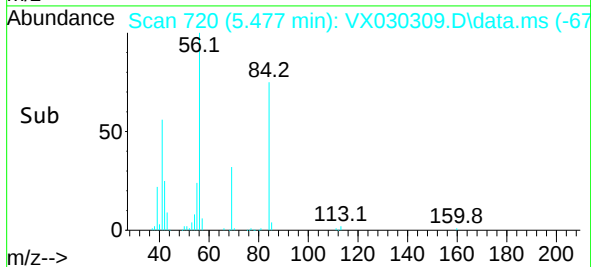
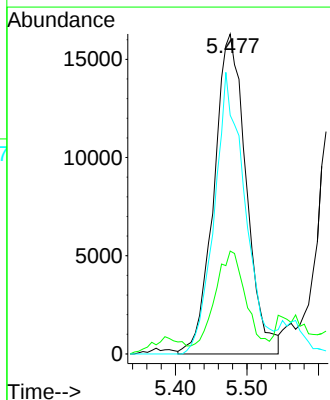
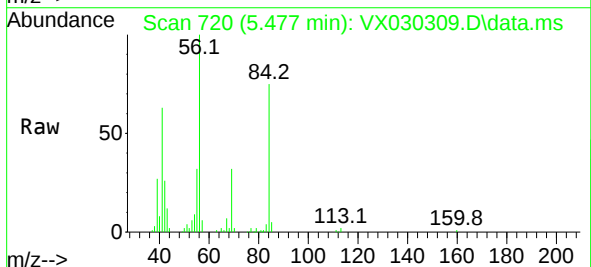
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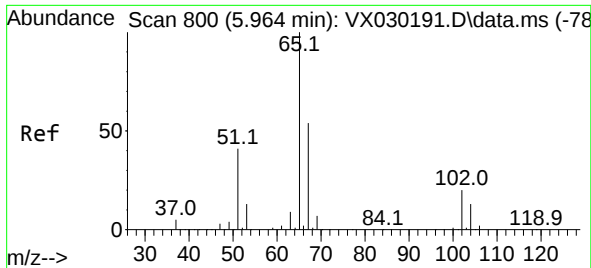
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022



#31
Cyclohexane
Concen: 12.306 ug/l
RT: 5.477 min Scan# 720
Delta R.T. 0.007 min
Lab File: VX030309.D
Acq: 29 Jul 2022 17:43

Tgt Ion: 56	Resp: 51093
Ion Ratio	Lower Upper
56 100	
69 28.6	25.4 38.0
84 75.2	68.9 103.3





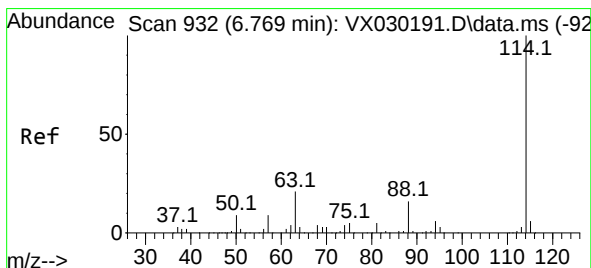
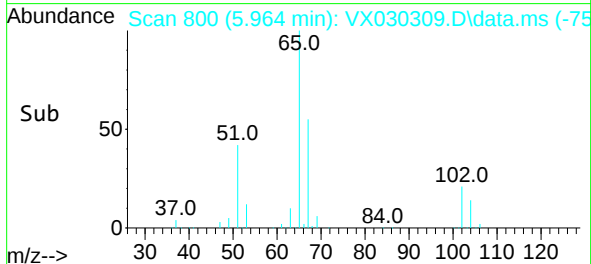
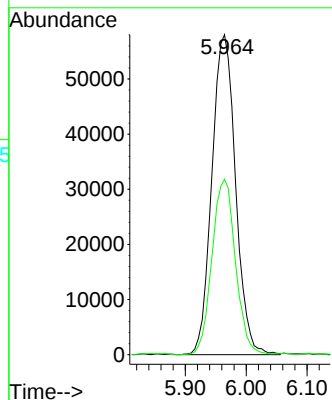
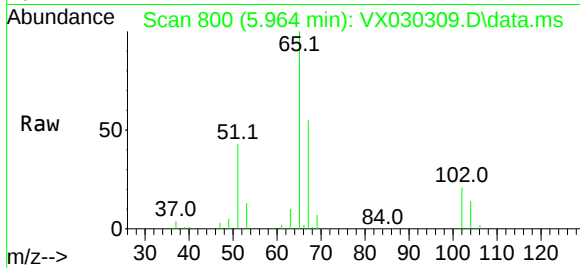
#33
1,2-Dichloroethane-d4
Concen: 54.842 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX030309.D
Acq: 29 Jul 2022 17:43

Instrument :
MSVOA_X
ClientSampleId :
MW-19R

Tgt Ion: 65 Resp: 156829
Ion Ratio Lower Upper
65 100
67 54.4 0.0 109.6

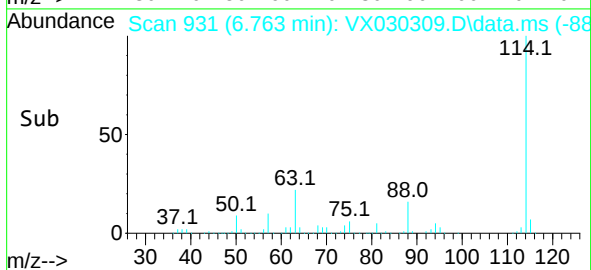
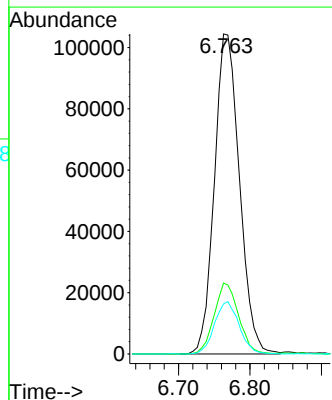
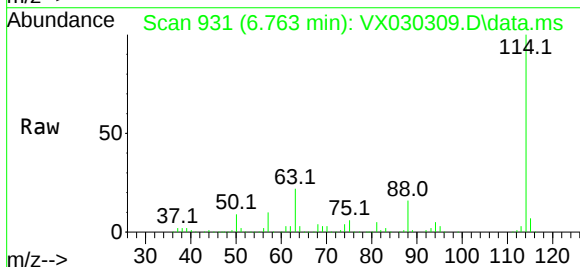
Manual Integrations
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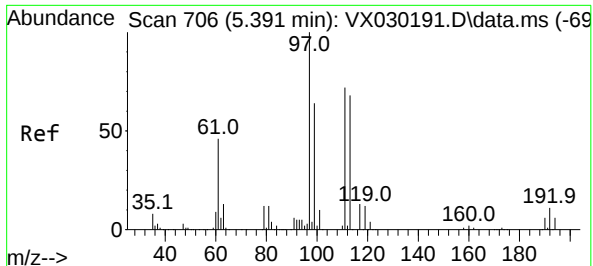
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.006 min
Lab File: VX030309.D
Acq: 29 Jul 2022 17:43

Tgt Ion:114 Resp: 253928
Ion Ratio Lower Upper
114 100
63 22.1 0.0 38.4
88 15.6 0.0 31.8





#35

Dibromofluoromethane

Concen: 50.855 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX030309.D

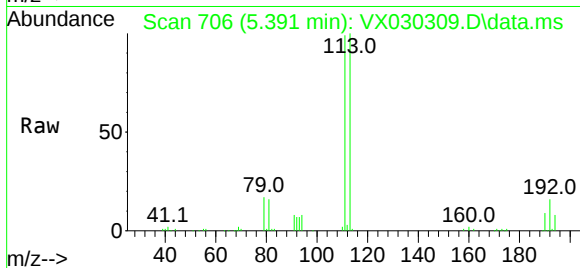
Acq: 29 Jul 2022 17:43

Instrument :

MSVOA_X

ClientSampleId :

MW-19R



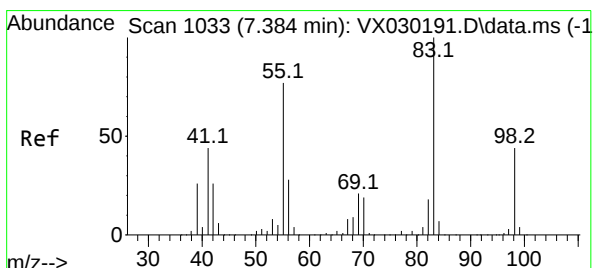
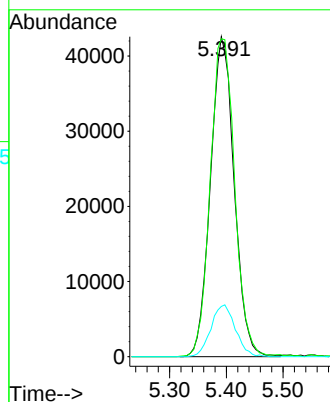
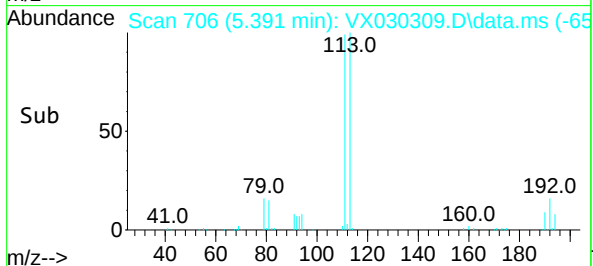
Tgt Ion:	113	Resp:	12344
Ion	Ratio	Lower	Upper
113	100		
111	102.5	83.2	124.8
192	16.7	14.8	22.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2022

Supervised By :Mahesh Dadoda 08/01/2022



#39

Methylcyclohexane

Concen: 6.052 ug/l

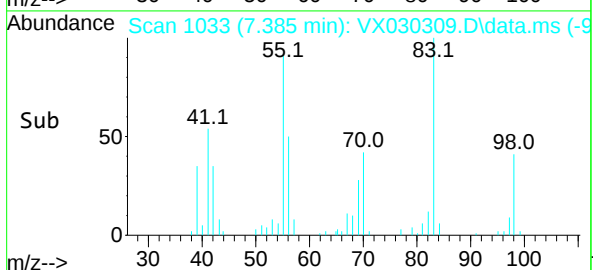
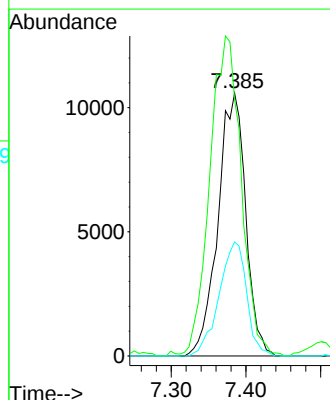
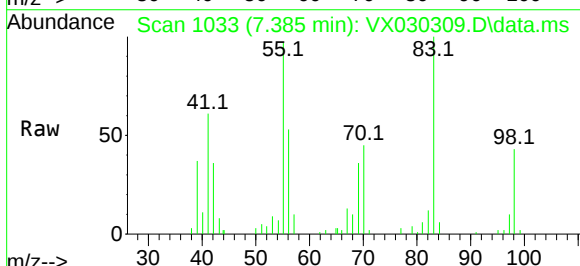
RT: 7.385 min Scan# 1033

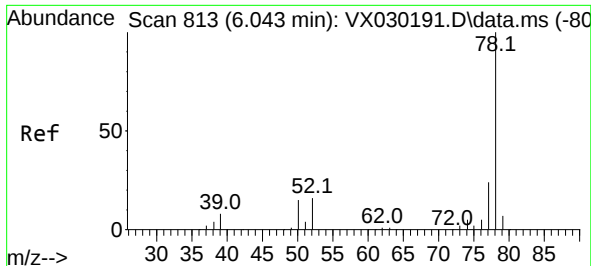
Delta R.T. 0.001 min

Lab File: VX030309.D

Acq: 29 Jul 2022 17:43

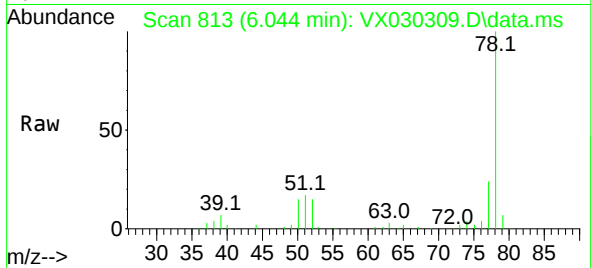
Tgt Ion:	83	Resp:	27288
Ion	Ratio	Lower	Upper
83	100		
55	96.7	57.7	86.5#
98	43.4	36.5	54.7





#40
Benzene
Concen: 5.172 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.001 min
Lab File: VX030309.D
Acq: 29 Jul 2022 17:43

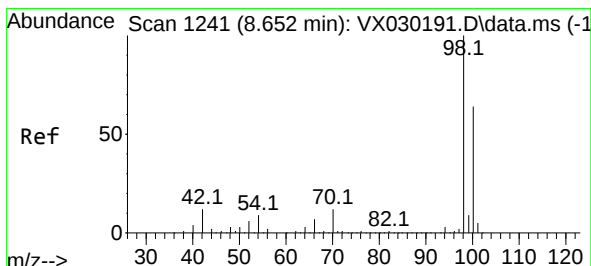
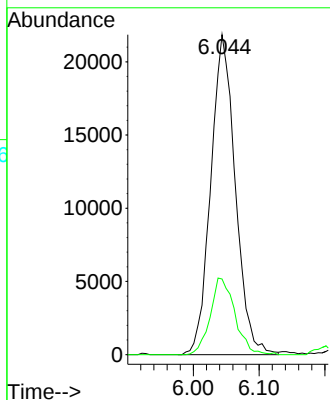
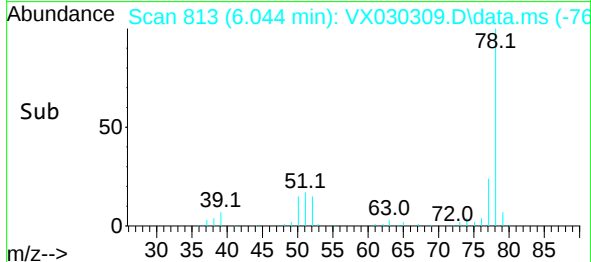
Instrument :
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MW-19R



Tgt Ion: 78 Resp: 5684
Ion Ratio Lower Upper
78 100
77 23.7 18.0 27.0

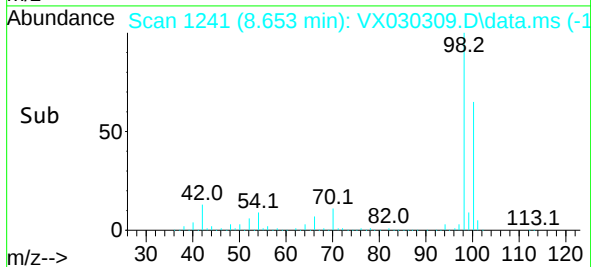
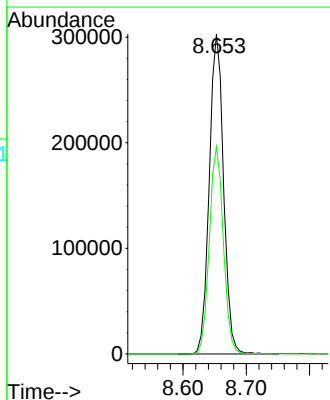
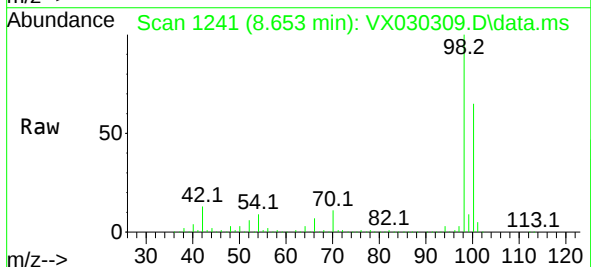
Manual Integrations
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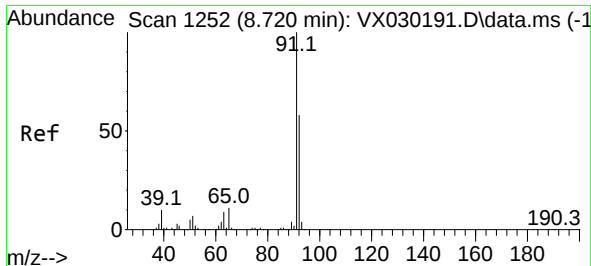
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022



#50
Toluene-d8
Concen: 50.508 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.001 min
Lab File: VX030309.D
Acq: 29 Jul 2022 17:43

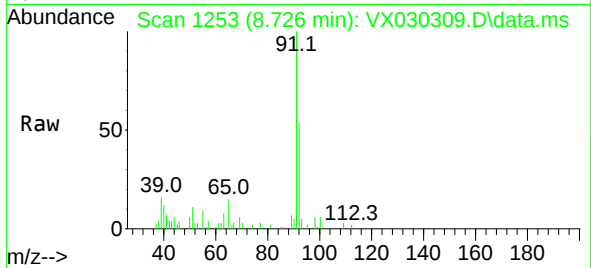
Tgt Ion: 98 Resp: 474802
Ion Ratio Lower Upper
98 100
100 63.9 52.3 78.5





#52
Toluene
Concen: 0.771 ug/l
RT: 8.726 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX030309.D
Acq: 29 Jul 2022 17:43

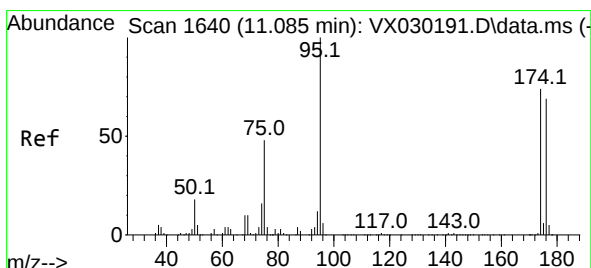
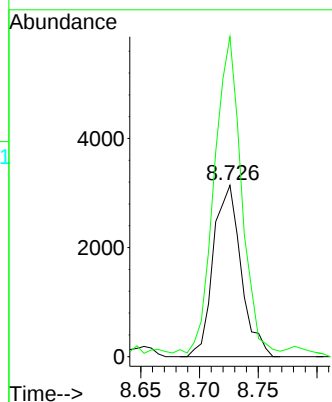
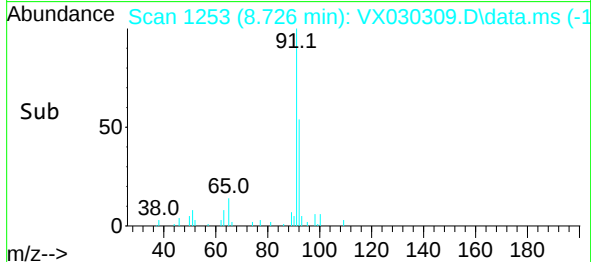
Instrument :
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Tgt Ion: 92 Resp: 516
Ion Ratio Lower Upper
92 100
91 186.8 139.2 208.8

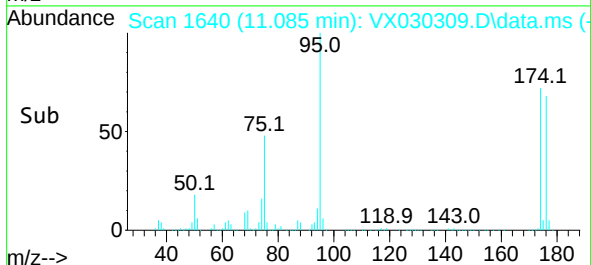
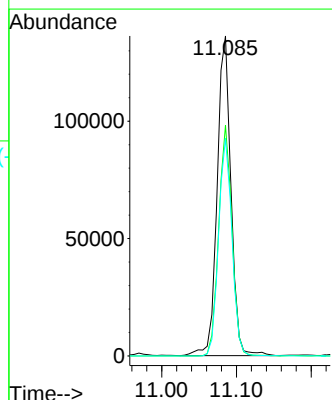
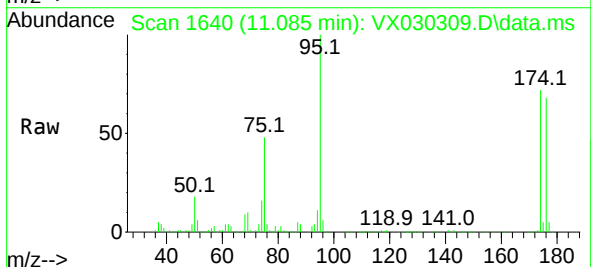
Manual Integrations
APPROVED

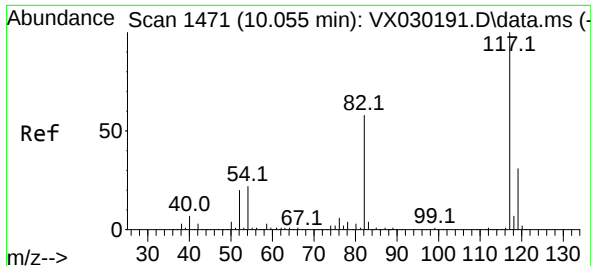
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022



#62
4-Bromofluorobenzene
Concen: 50.147 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX030309.D
Acq: 29 Jul 2022 17:43

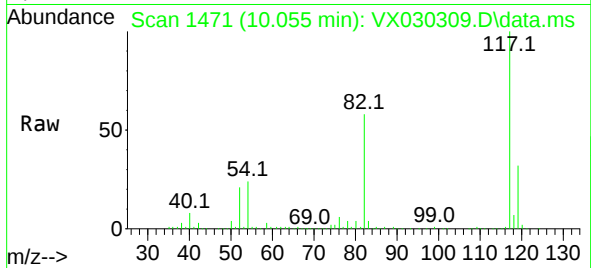
Tgt Ion: 95 Resp: 174952
Ion Ratio Lower Upper
95 100
174 69.3 0.0 149.0
176 65.7 0.0 146.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030309.D
Acq: 29 Jul 2022 17:43

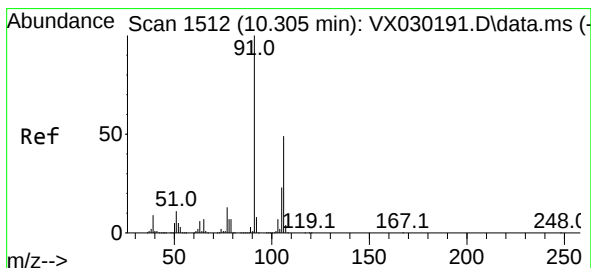
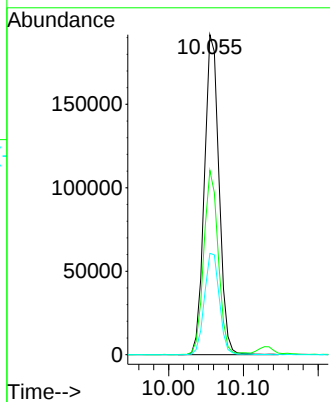
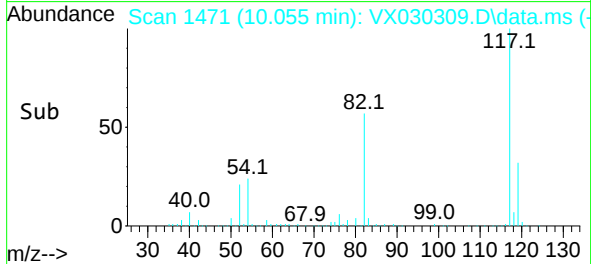
Instrument :
MSVOA_X
ClientSampleId :
MW-19R



Tgt Ion:117 Resp: 260840
Ion Ratio Lower Upper
117 100
82 57.5 42.7 64.1
119 31.7 25.4 38.2

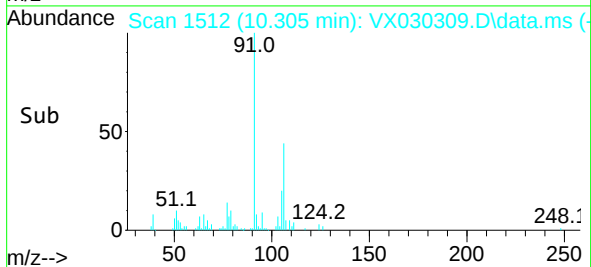
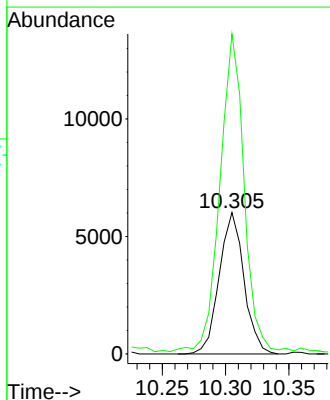
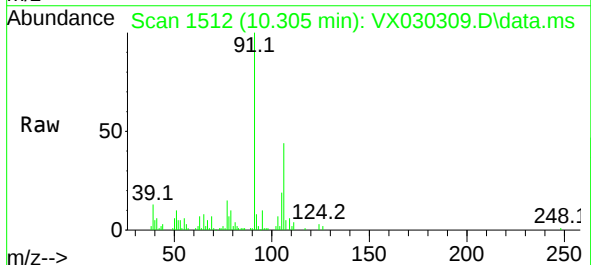
Manual Integrations
APPROVED

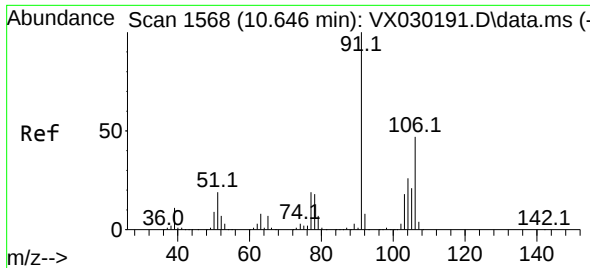
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022



#68
m/p-Xylenes
Concen: 1.704 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX030309.D
Acq: 29 Jul 2022 17:43

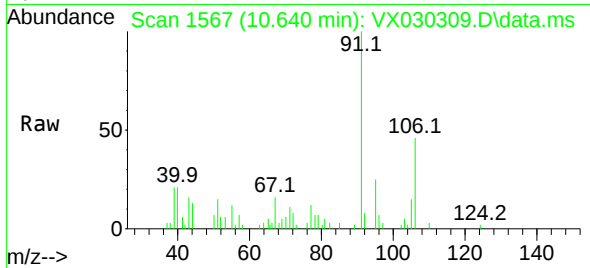
Tgt Ion:106 Resp: 8179
Ion Ratio Lower Upper
106 100
91 217.6 158.2 237.4





#69
o-Xylene
Concen: 0.407 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX030309.D
Acq: 29 Jul 2022 17:43

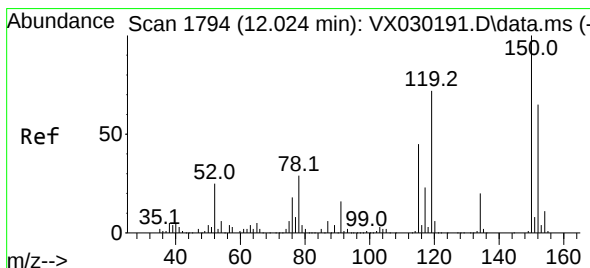
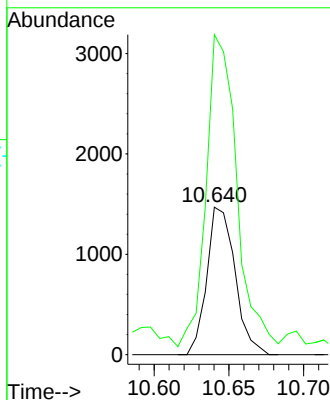
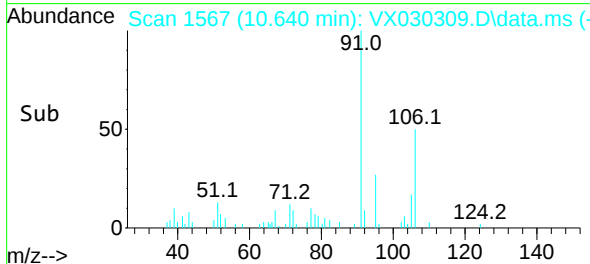
Instrument :
MSVOA_X
ClientSampleId :
MW-19R



Tgt Ion:106 Resp: 192
Ion Ratio Lower Upper
106 100
91 231.4 103.8 311.6

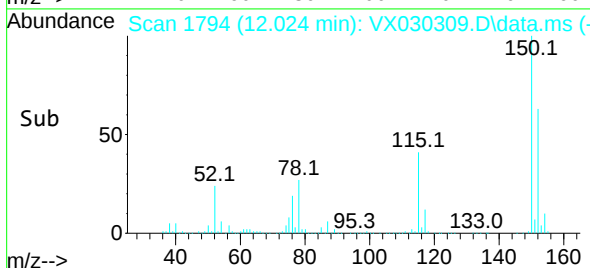
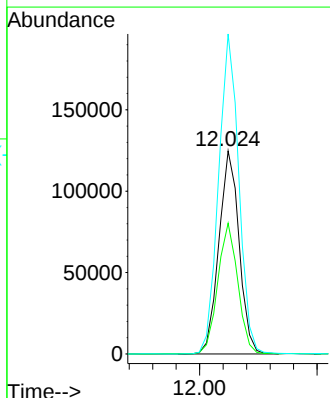
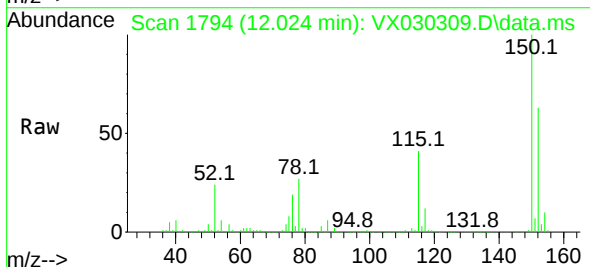
Manual Integrations
APPROVED

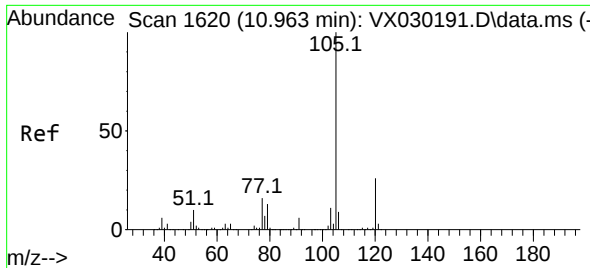
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030309.D
Acq: 29 Jul 2022 17:43

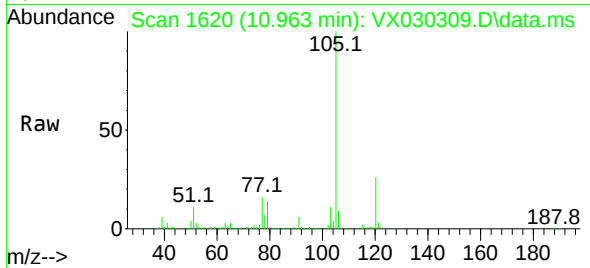
Tgt Ion:152 Resp: 149197
Ion Ratio Lower Upper
152 100
115 63.4 40.5 121.5
150 157.6 0.0 347.0





#73
Isopropylbenzene
Concen: 13.736 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX030309.D
Acq: 29 Jul 2022 17:43

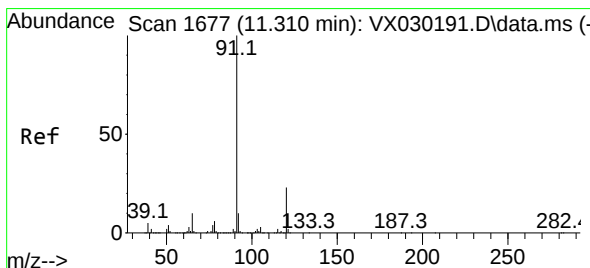
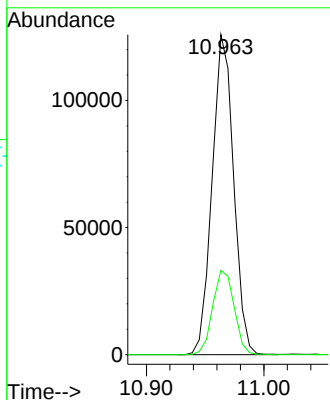
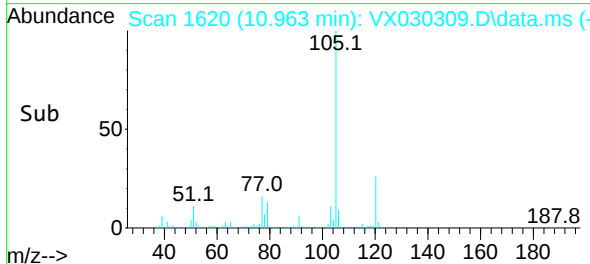
Instrument :
MSVOA_X
ClientSampleId :
MW-19R



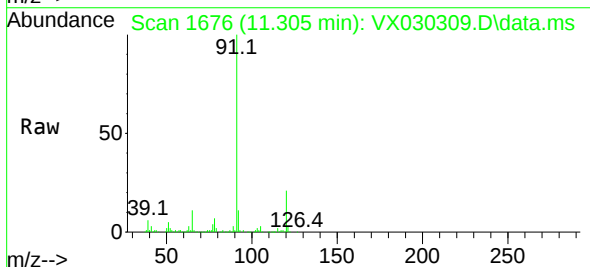
Tgt Ion:105 Resp: 15998
Ion Ratio Lower Upper
105 100
120 26.3 13.5 40.4

Manual Integrations
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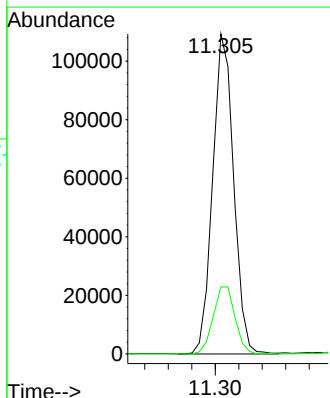
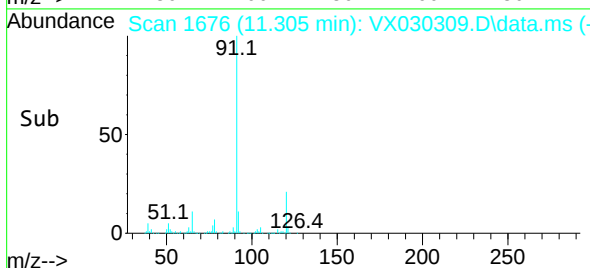
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022

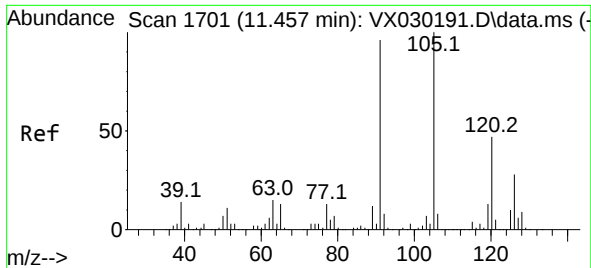


#78
n-propylbenzene
Concen: 9.757 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.005 min
Lab File: VX030309.D
Acq: 29 Jul 2022 17:43



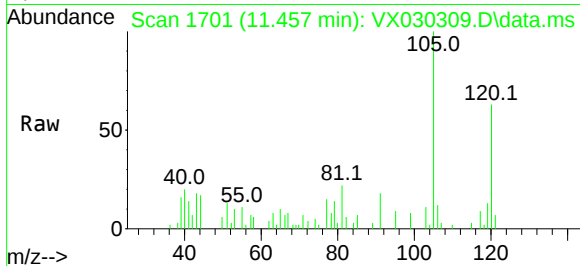
Tgt Ion: 91 Resp: 135629
Ion Ratio Lower Upper
91 100
120 22.0 11.6 34.8





#80
1,3,5-Trimethylbenzene
Concen: 0.410 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX030309.D
Acq: 29 Jul 2022 17:43

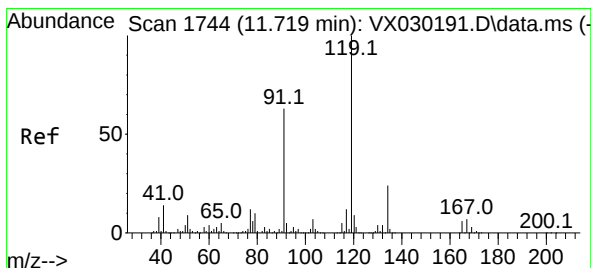
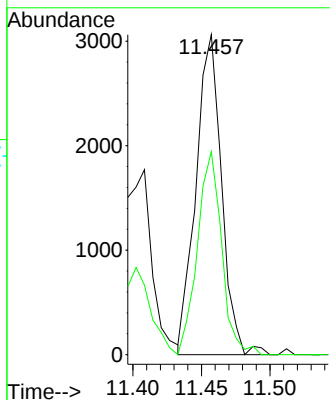
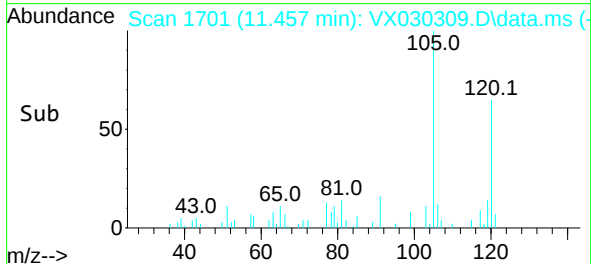
Instrument :
MSVOA_X
ClientSampleId :
MW-19R



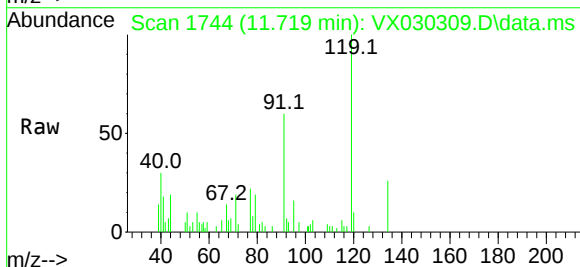
Tgt Ion:105 Resp: 399
Ion Ratio Lower Upper
105 100
120 60.0 24.4 73.2

Manual Integrations
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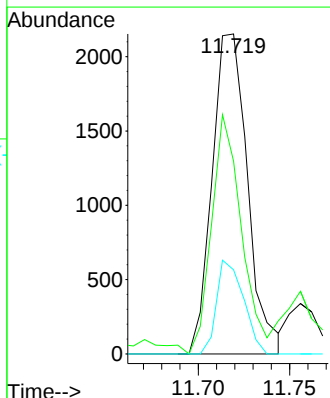
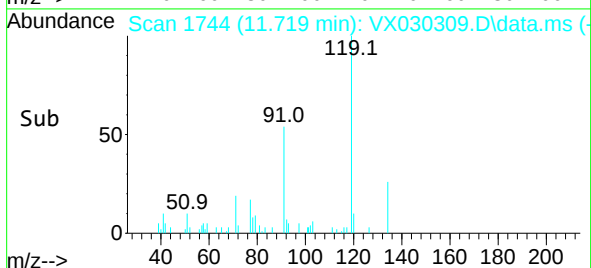
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022

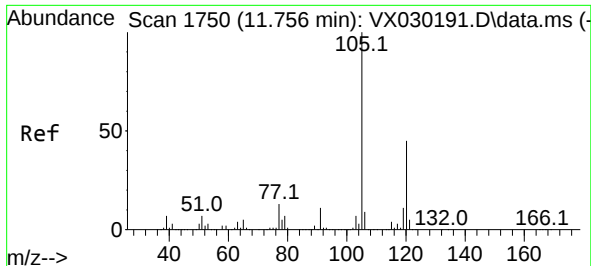


#83
tert-Butylbenzene
Concen: 0.321 ug/l
RT: 11.719 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VX030309.D
Acq: 29 Jul 2022 17:43



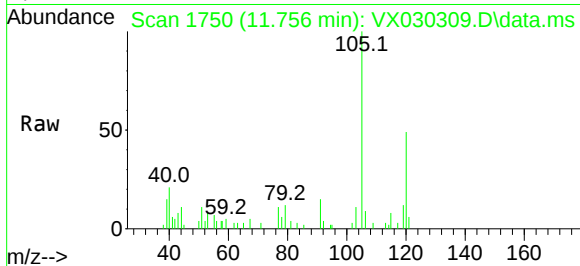
Tgt Ion:119 Resp: 2903
Ion Ratio Lower Upper
119 100
91 62.7 28.3 84.9
134 22.2 11.2 33.5





#84
1,2,4-Trimethylbenzene
Concen: 0.361 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX030309.D
Acq: 29 Jul 2022 17:43

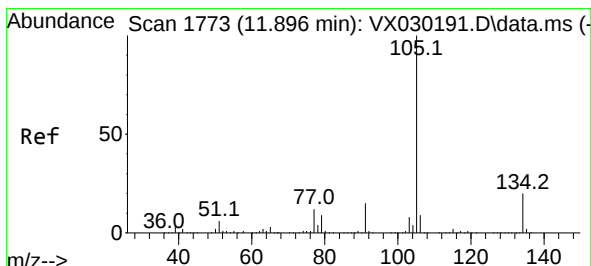
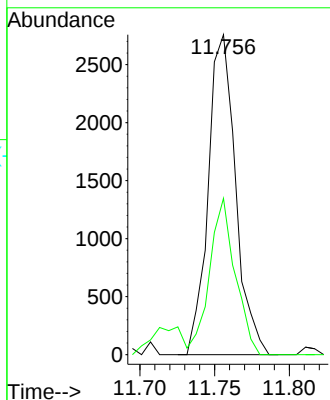
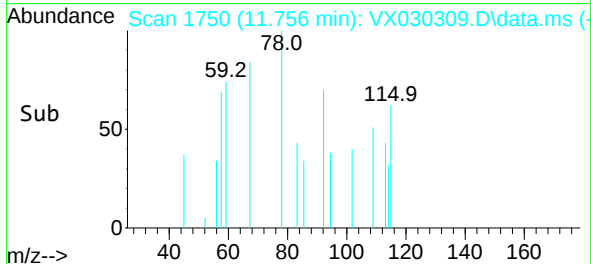
Instrument :
MSVOA_X
ClientSampleId :
MW-19R



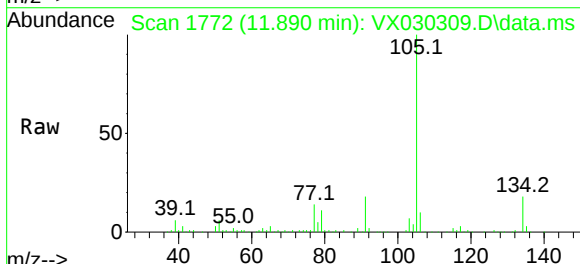
Tgt Ion:105 Resp: 351
Ion Ratio Lower Upper
105 100
120 45.6 22.9 68.8

Manual Integrations
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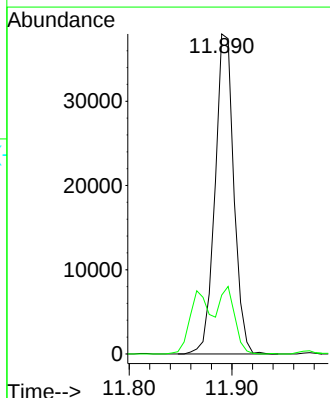
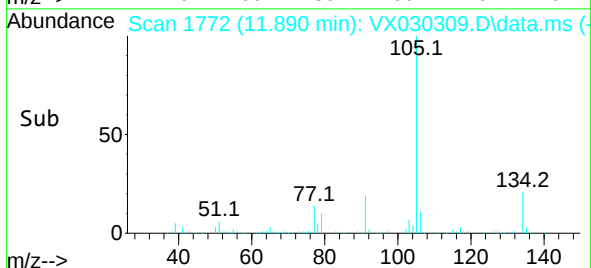
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022

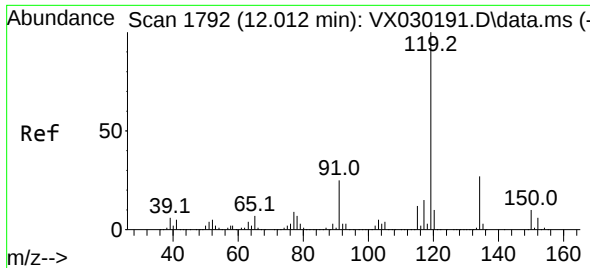


#85
sec-Butylbenzene
Concen: 3.882 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.006 min
Lab File: VX030309.D
Acq: 29 Jul 2022 17:43



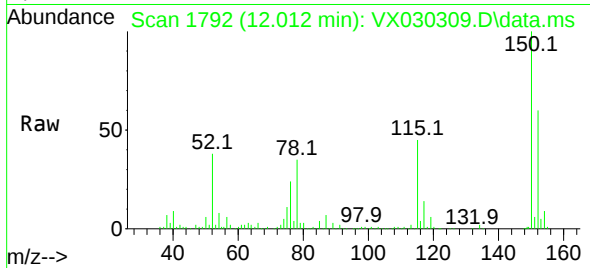
Tgt Ion:105 Resp: 48032
Ion Ratio Lower Upper
105 100
134 16.4 10.0 30.0





#86
p-Isopropyltoluene
Concen: 0.384 ug/l m
RT: 12.012 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VX030309.D
Acq: 29 Jul 2022 17:43

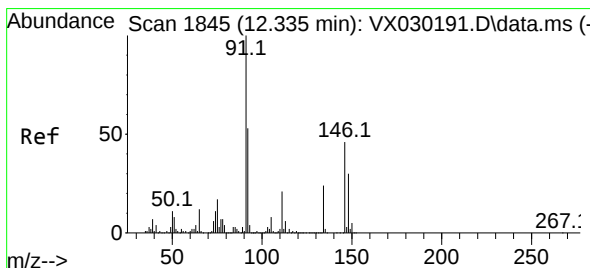
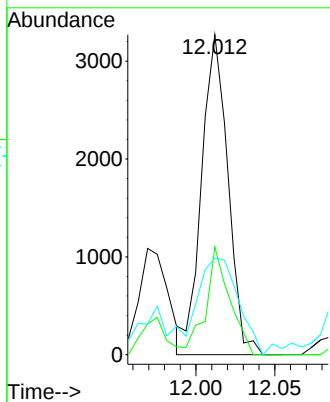
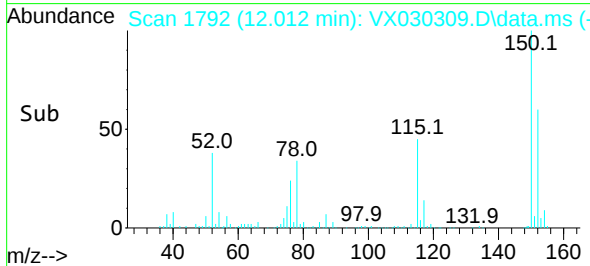
Instrument :
MSVOA_X
ClientSampleId :
MW-19R



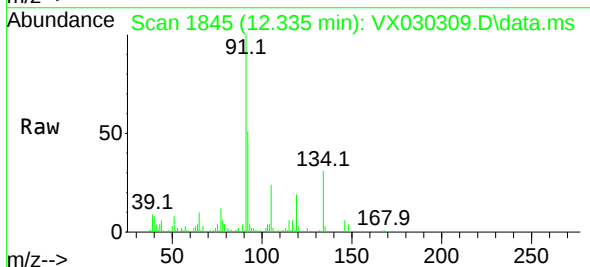
Tgt Ion: 119 Resp: 3800
Ion Ratio Lower Upper
119 100
134 153.2 13.9 41.6#
91 148.1 11.8 35.3#

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022



#89
n-Butylbenzene
Concen: 0.731 ug/l m
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX030309.D
Acq: 29 Jul 2022 17:43



Tgt Ion: 91 Resp: 6736
Ion Ratio Lower Upper
91 100
92 86.9 26.2 78.5#
134 235.0 12.6 37.8#

