

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083122\
 Data File : VX030999.D
 Acq On : 01 Sep 2022 00:33
 Operator : JC/MD
 Sample : N4380-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-11

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/01/2022
 Supervised By :Mahesh Dadoda 09/01/2022

Quant Time: Sep 01 02:23:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X083022W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 30 14:24:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	228783	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	379593	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	336570	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	158341	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	143994	43.882	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	87.760%		
35) Dibromofluoromethane	5.391	113	132229	47.256	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.520%		
50) Toluene-d8	8.653	98	506107	48.840	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.680%		
62) 4-Bromofluorobenzene	11.085	95	177873	48.202	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.400%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.977	59	17543	22.565	ug/l #	74
16) Acetone	2.386	43	12545	8.471	ug/l	99
25) 2-Butanone	4.574	43	6330	2.640	ug/l	99
31) Cyclohexane	5.476	56	41521	8.549	ug/l	98
39) Methylcyclohexane	7.385	83	76973	15.131	ug/l	96
40) Benzene	6.043	78	47553	3.967	ug/l #	88
51) 4-Methyl-2-Pentanone	8.580	43	3519	0.786	ug/l	94
52) Toluene	8.720	92	8286	1.131	ug/l	95
67) Ethyl Benzene	10.195	91	12879	0.912	ug/l	99
68) m/p-Xylenes	10.305	106	17447	3.263	ug/l	95
69) o-Xylene	10.646	106	27606	5.275	ug/l	98
73) Isopropylbenzene	10.963	105	74117	5.917	ug/l	99
78) n-propylbenzene	11.305	91	20584	1.402	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	50697	4.692	ug/l	99
85) sec-Butylbenzene	11.890	105	60997	4.535	ug/l	97
86) p-Isopropyltoluene	12.012	119	9221m	0.826	ug/l	
89) n-Butylbenzene	12.335	91	12139m	1.162	ug/l	
95) Naphthalene	13.780	128	83449	6.012	ug/l #	96

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

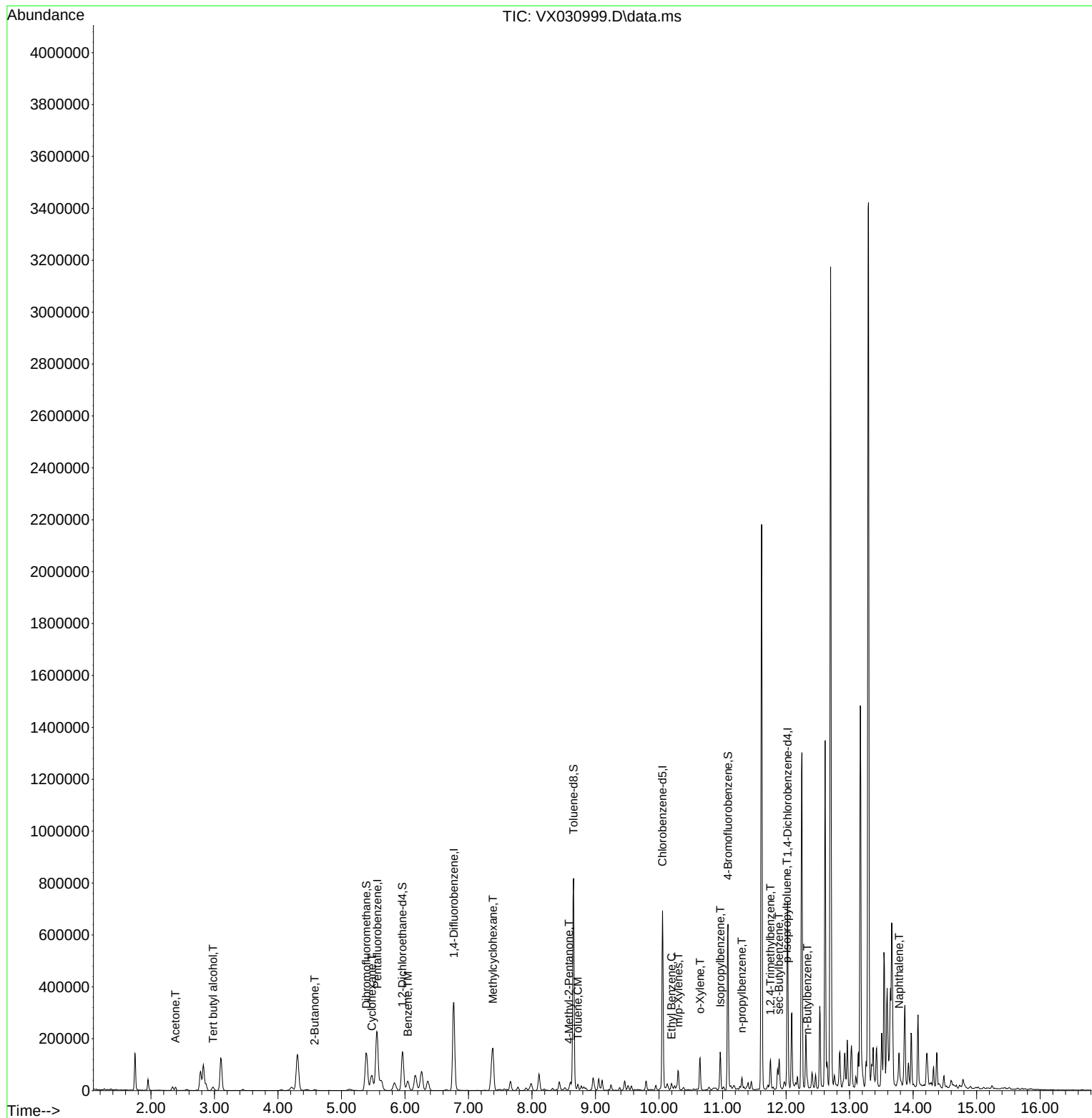
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083122\
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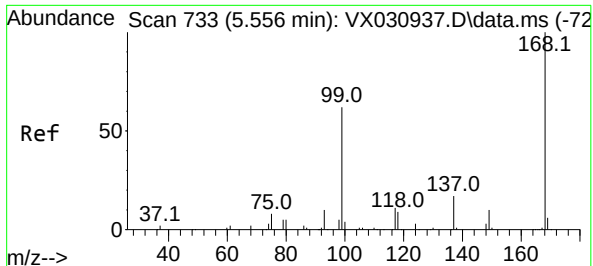
Instrument :
MSVOA_X
ClientSampleId :
MW-11

Quant Time: Sep 01 02:23:53 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X083022W.M
Quant Title : SW846 8260
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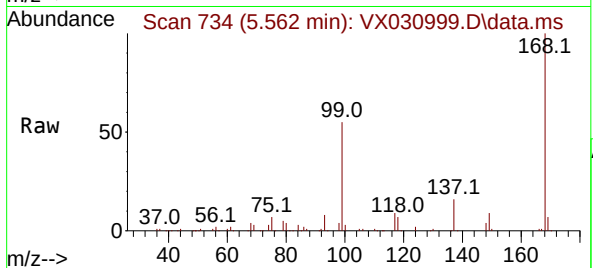
Reviewed By :Krupa Patel 09/01/2022
Supervised By :Mahesh Dadoda 09/01/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX030999.D
Acq: 01 Sep 2022 00:33

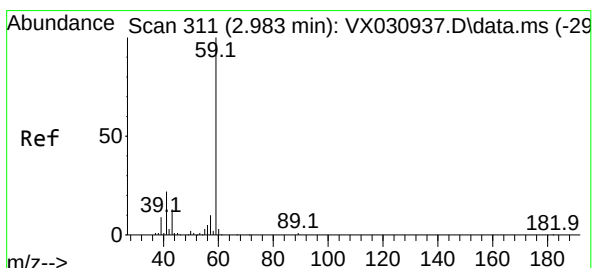
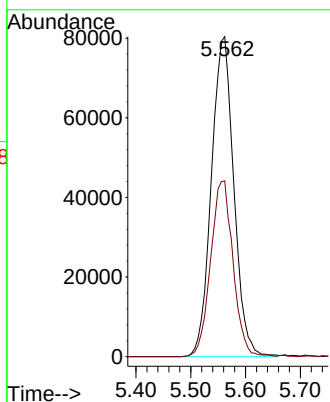
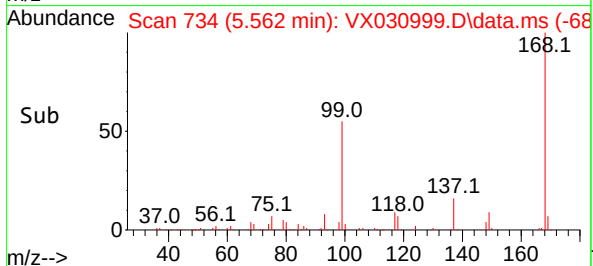
Instrument :
MSVOA_X
ClientSampleId :
MW-11



Tgt Ion:168 Resp: 22878
Ion Ratio Lower Upper
168 100
99 55.0 44.0 66.0

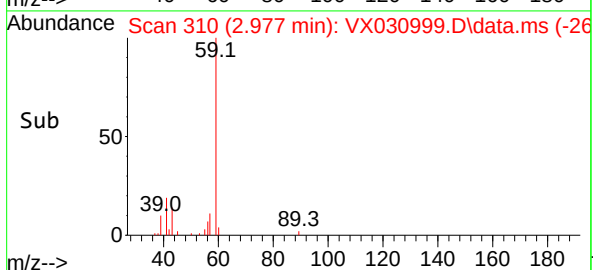
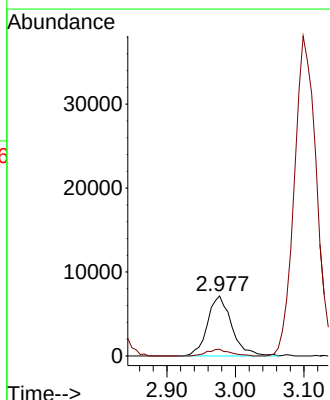
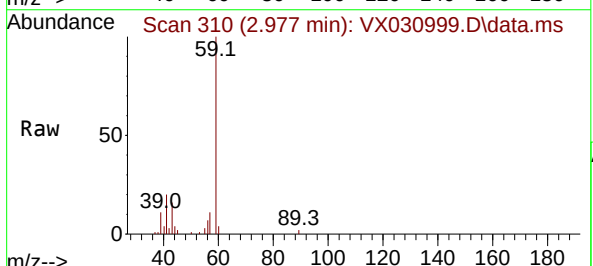
Manual Integrations
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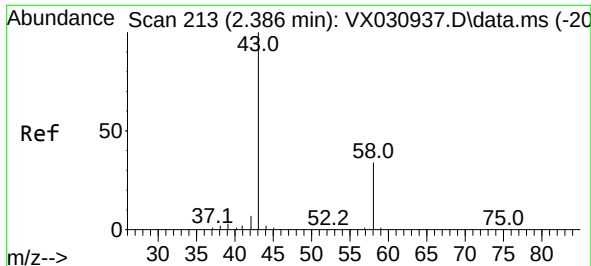
Reviewed By :Krupa Patel 09/01/2022
Supervised By :Mahesh Dadoda 09/01/2022



#11
Tert butyl alcohol
Concen: 22.565 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.012 min
Lab File: VX030999.D
Acq: 01 Sep 2022 00:33

Tgt Ion: 59 Resp: 17543
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#





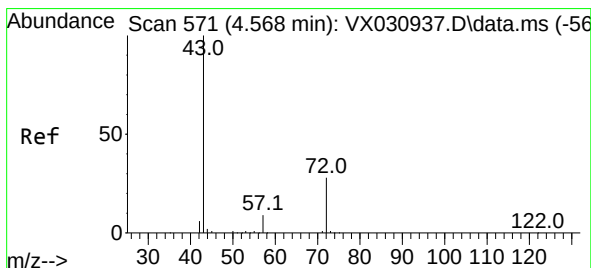
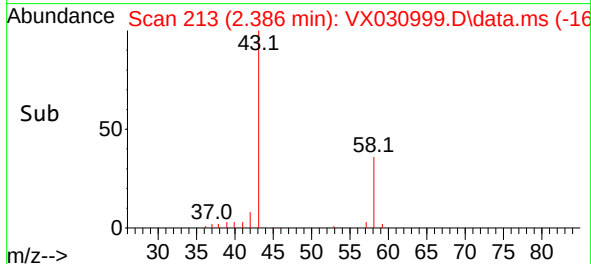
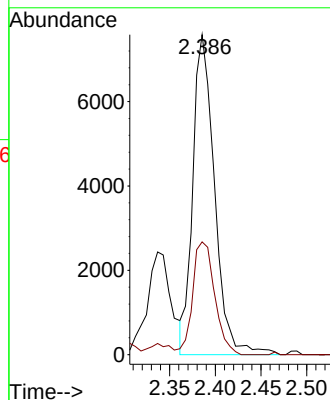
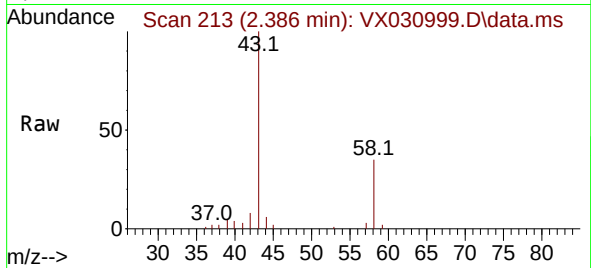
#16
Acetone
Concen: 8.471 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX030999.D
Acq: 01 Sep 2022 00:33

Instrument :
MSVOA_X
ClientSampleId :
MW-11

Tgt Ion: 43 Resp: 12549
Ion Ratio Lower Upper
43 100
58 35.2 27.7 41.5

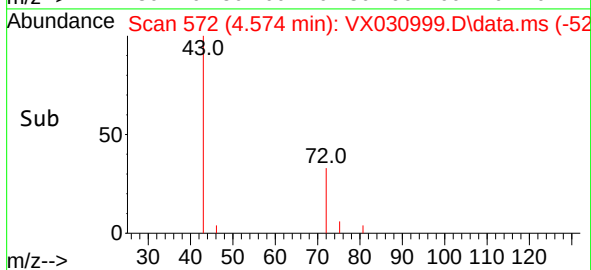
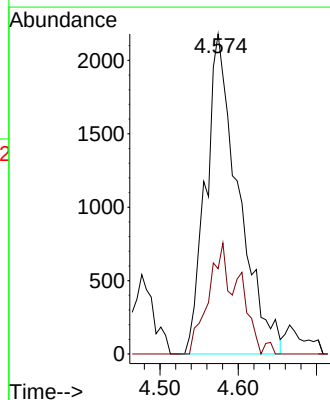
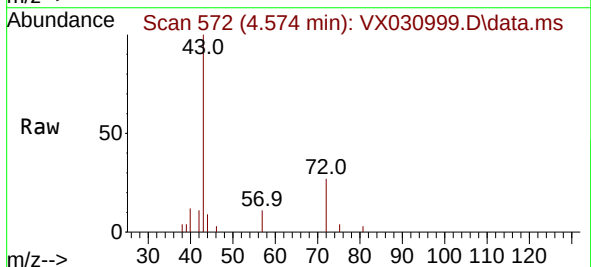
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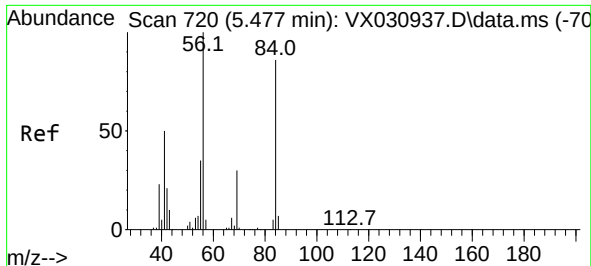
Reviewed By :Krupa Patel 09/01/2022
Supervised By :Mahesh Dadoda 09/01/2022



#25
2-Butanone
Concen: 2.640 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX030999.D
Acq: 01 Sep 2022 00:33

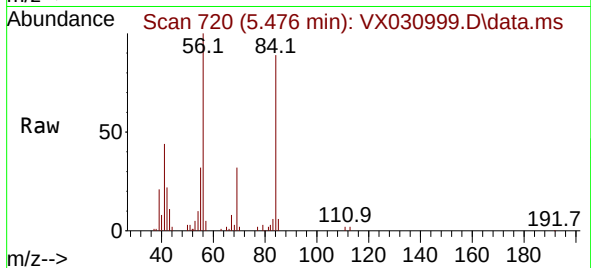
Tgt Ion: 43 Resp: 6330
Ion Ratio Lower Upper
43 100
72 26.7 21.7 32.5





#31
Cyclohexane
Concen: 8.549 ug/l
RT: 5.476 min Scan# 712
Delta R.T. -0.001 min
Lab File: VX030999.D
Acq: 01 Sep 2022 00:33

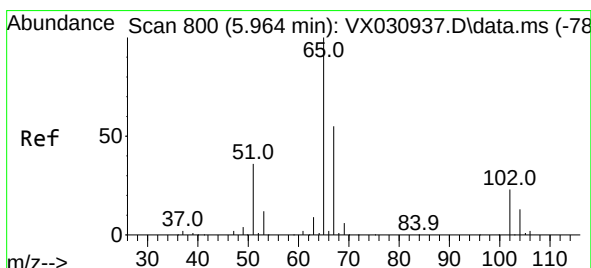
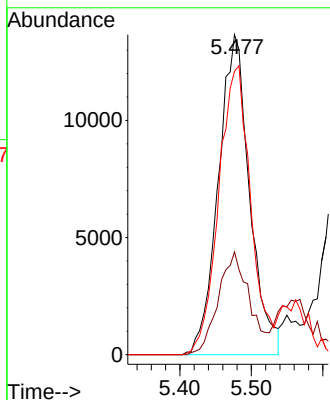
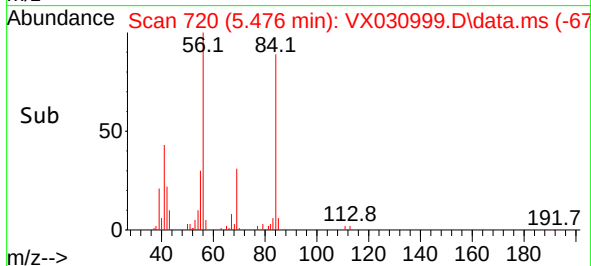
Instrument :
MSVOA_X
ClientSampleId :
MW-11



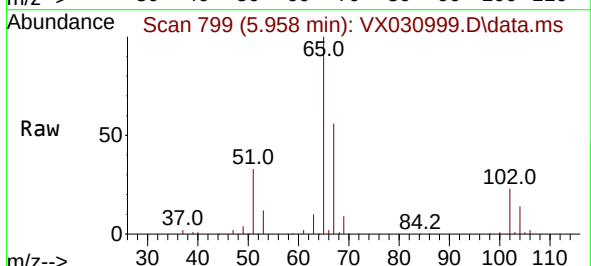
Tgt Ion: 56 Resp: 4152
Ion Ratio Lower Upper
56 100
69 32.2 25.4 38.0
84 88.6 68.9 103.3

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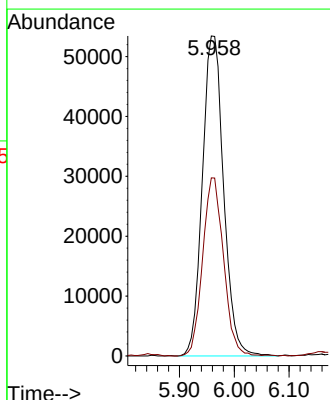
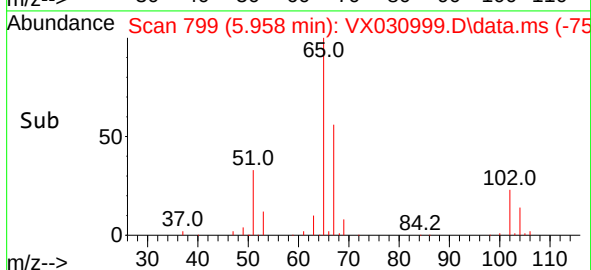
Reviewed By :Krupa Patel 09/01/2022
Supervised By :Mahesh Dadoda 09/01/2022

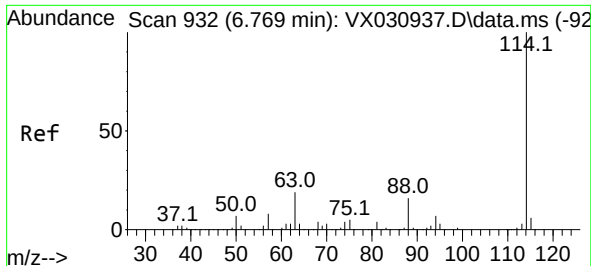


#33
1,2-Dichloroethane-d4
Concen: 43.882 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX030999.D
Acq: 01 Sep 2022 00:33



Tgt Ion: 65 Resp: 143994
Ion Ratio Lower Upper
65 100
67 54.6 0.0 109.6





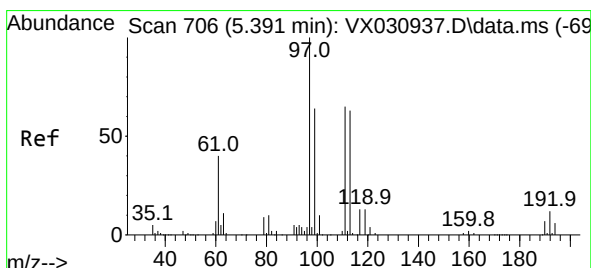
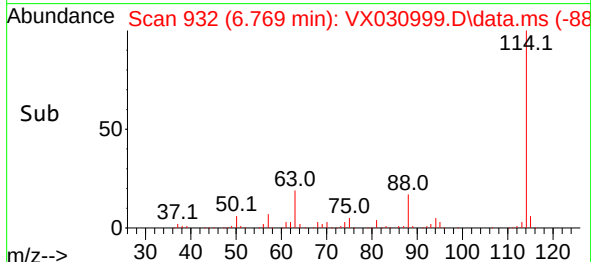
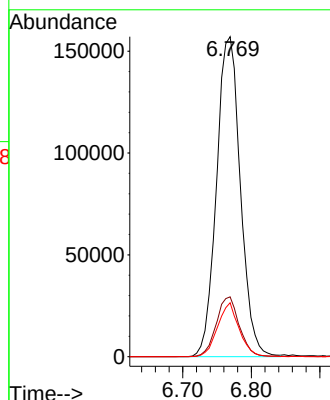
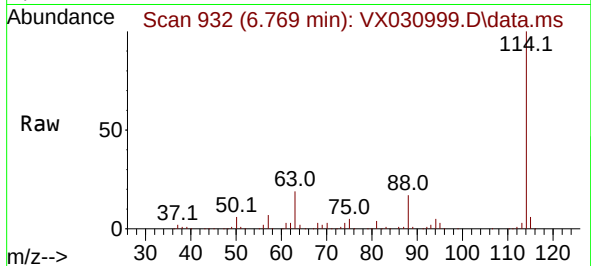
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX030999.D
Acq: 01 Sep 2022 00:33

Instrument :
MSVOA_X
ClientSampleId :
MW-11

Tgt Ion:114 Resp: 37959
Ion Ratio Lower Upper
114 100
63 18.7 0.0 38.4
88 16.8 0.0 31.8

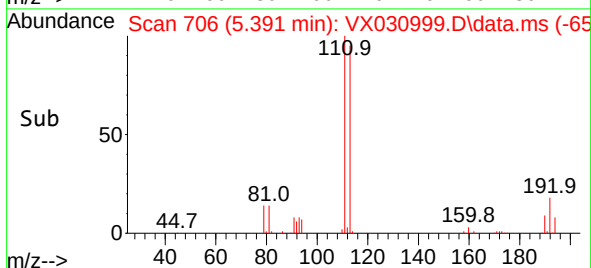
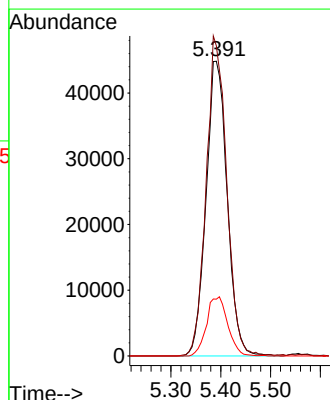
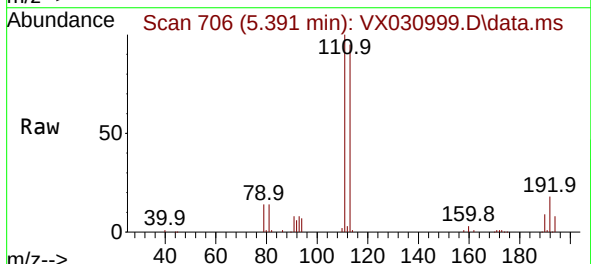
Manual Integrations
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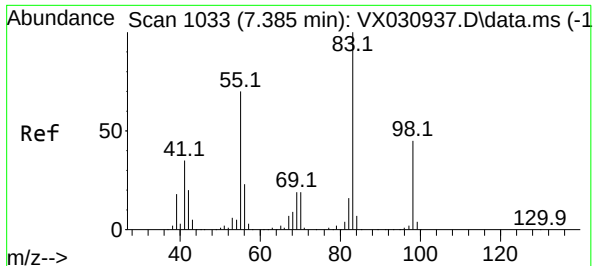
Reviewed By :Krupa Patel 09/01/2022
Supervised By :Mahesh Dadoda 09/01/2022



#35
Dibromofluoromethane
Concen: 47.256 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030999.D
Acq: 01 Sep 2022 00:33

Tgt Ion:113 Resp: 132229
Ion Ratio Lower Upper
113 100
111 105.1 83.2 124.8
192 20.1 14.8 22.2





#39

Methylcyclohexane

Concen: 15.131 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX030999.D

Acq: 01 Sep 2022 00:33

Instrument :

MSVOA_X

ClientSampleId :

MW-11

Tgt Ion: 83 Resp: 7697

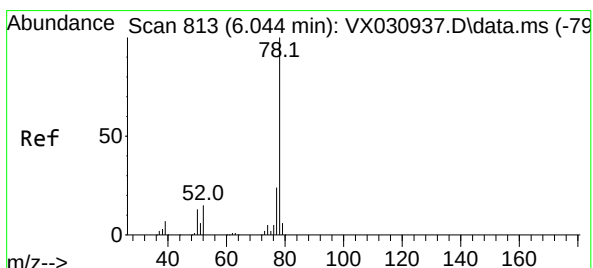
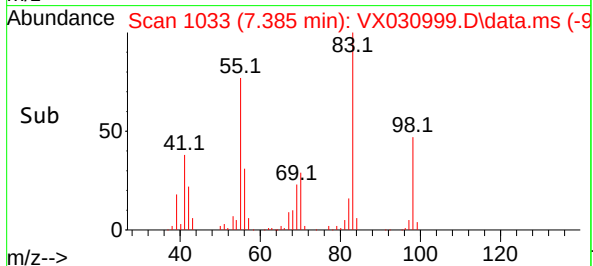
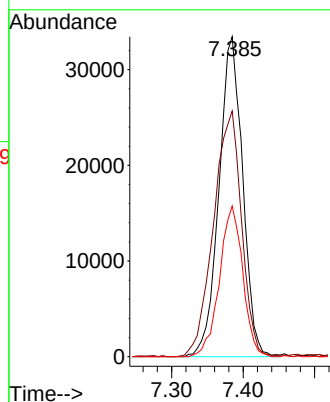
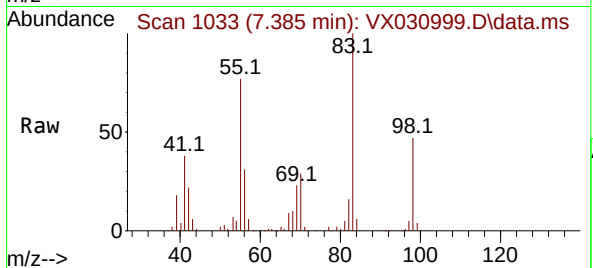
Ion	Ratio	Lower	Upper
83	100		
55	76.5	57.7	86.5
98	47.1	36.5	54.7

Manual Integrations

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Reviewed By :Krupa Patel 09/01/2022

Supervised By :Mahesh Dadoda 09/01/2022



#40

Benzene

Concen: 3.967 ug/l

RT: 6.043 min Scan# 813

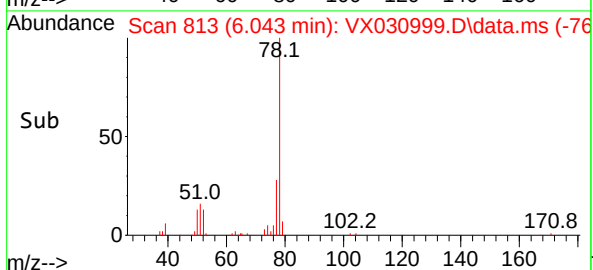
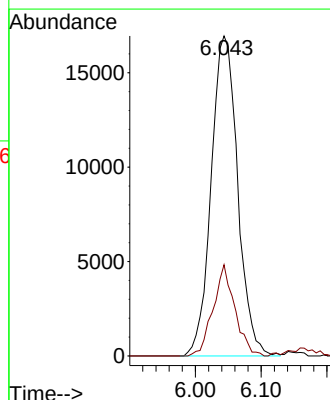
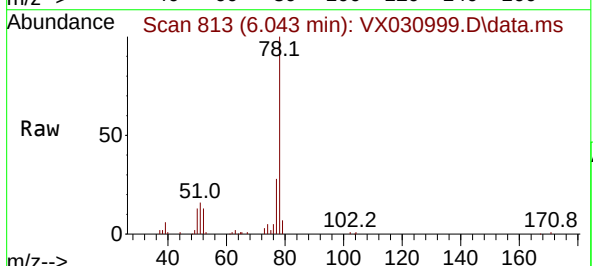
Delta R.T. -0.001 min

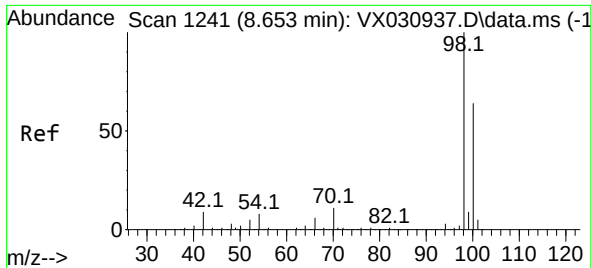
Lab File: VX030999.D

Acq: 01 Sep 2022 00:33

Tgt Ion: 78 Resp: 47553

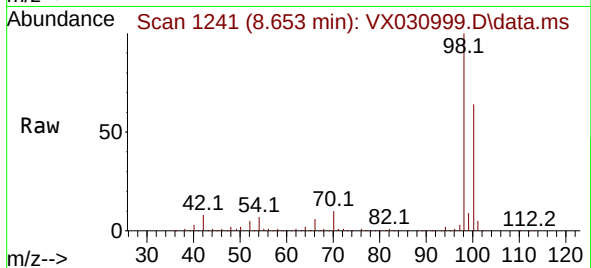
Ion	Ratio	Lower	Upper
78	100		
77	28.5	18.0	27.0





#50
Toluene-d8
Concen: 48.840 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX030999.D
Acq: 01 Sep 2022 00:33

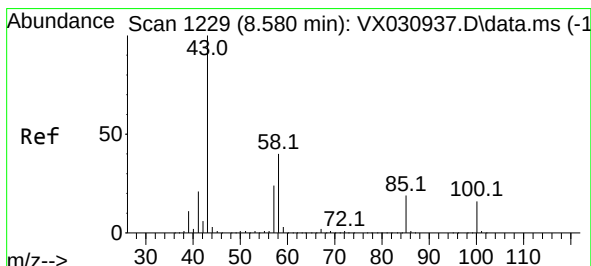
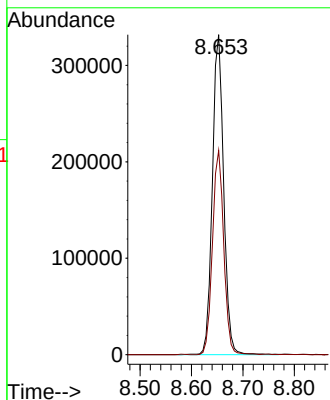
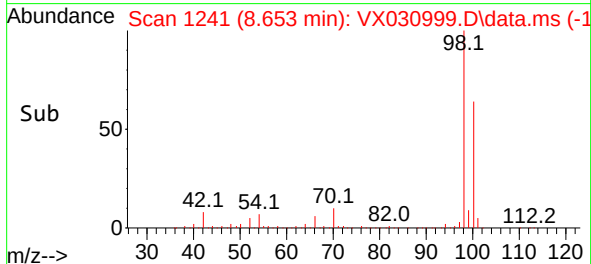
Instrument :
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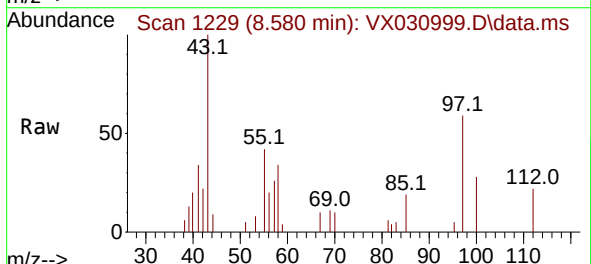
Tgt Ion: 98 Resp: 50610
Ion Ratio Lower Upper
98 100
100 63.8 52.3 78.5

Manual Integrations
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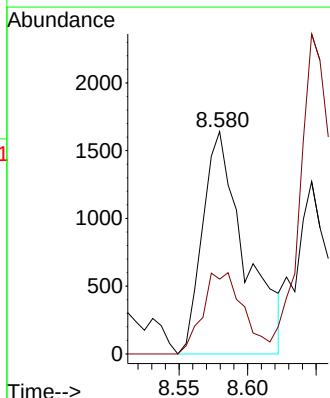
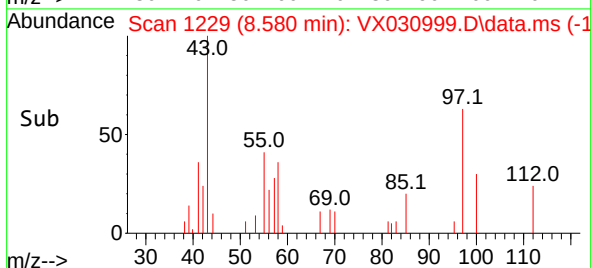
Reviewed By :Krupa Patel 09/01/2022
Supervised By :Mahesh Dadoda 09/01/2022

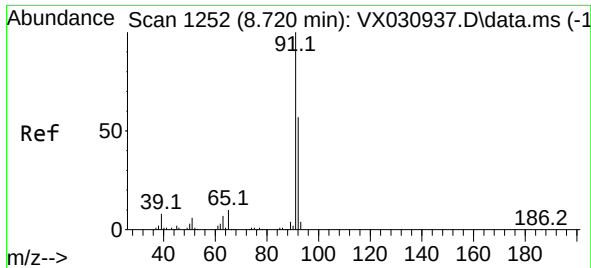


#51
4-Methyl-2-Pentanone
Concen: 0.786 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VX030999.D
Acq: 01 Sep 2022 00:33



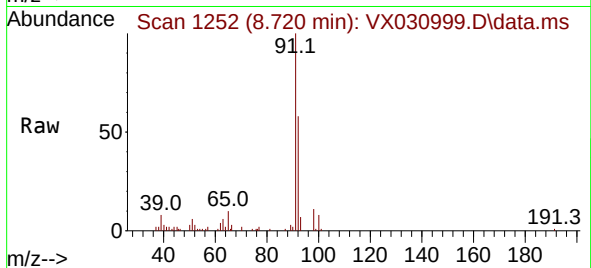
Tgt Ion: 43 Resp: 3519
Ion Ratio Lower Upper
43 100
58 35.4 31.4 47.2





#52
Toluene
Concen: 1.131 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX030999.D
Acq: 01 Sep 2022 00:33

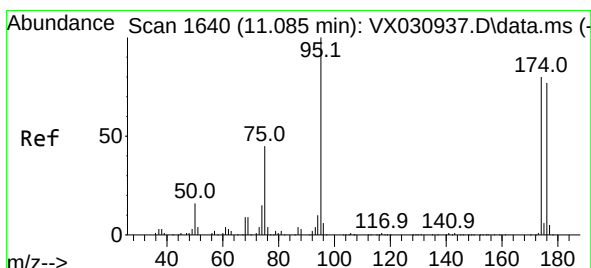
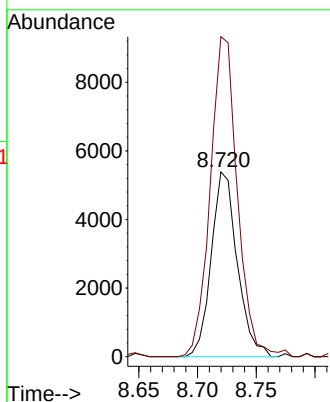
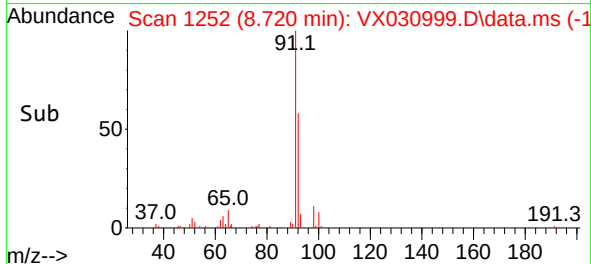
Instrument :
MSVOA_X
ClientSampleId :
MW-11



Tgt Ion: 92 Resp: 8280
Ion Ratio Lower Upper
92 100
91 181.5 139.2 208.8

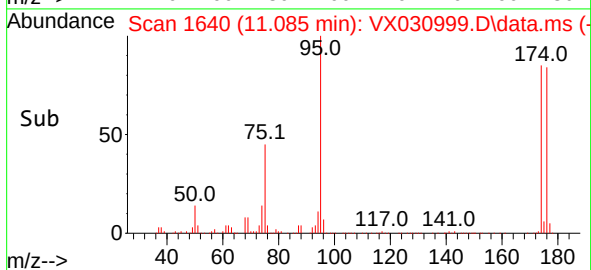
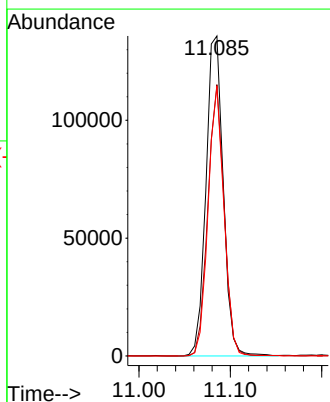
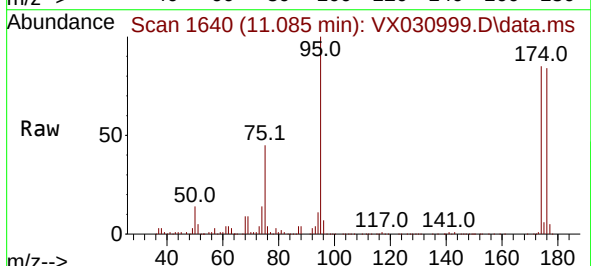
Manual Integrations
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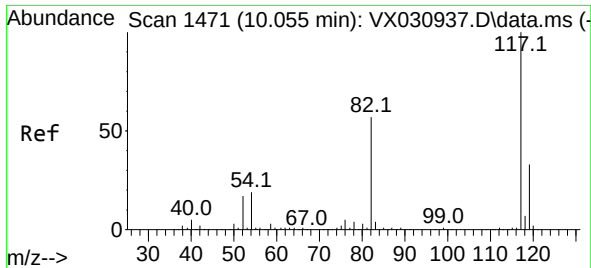
Reviewed By :Krupa Patel 09/01/2022
Supervised By :Mahesh Dadoda 09/01/2022



#62
4-Bromofluorobenzene
Concen: 48.202 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX030999.D
Acq: 01 Sep 2022 00:33

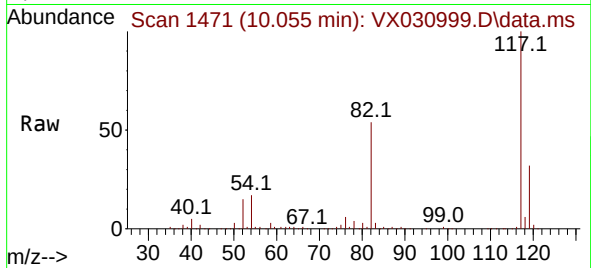
Tgt Ion: 95 Resp: 177873
Ion Ratio Lower Upper
95 100
174 79.9 0.0 149.0
176 77.3 0.0 146.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX030999.D
Acq: 01 Sep 2022 00:33

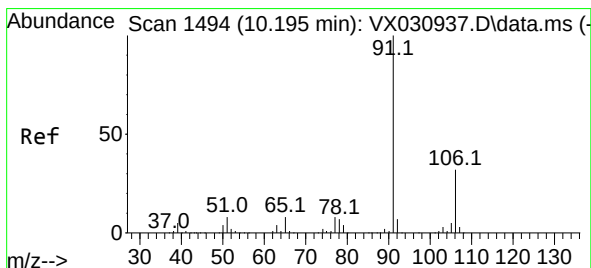
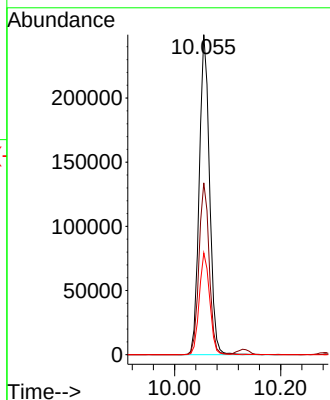
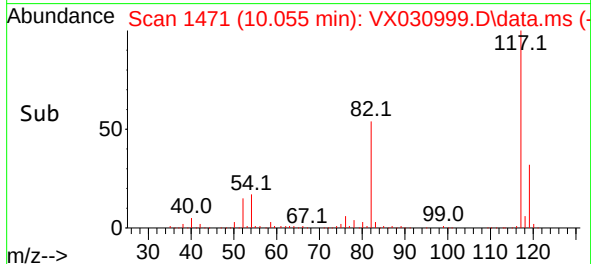
Instrument :
MSVOA_X
ClientSampleId :
MW-11



Tgt Ion: 117 Resp: 336570
Ion Ratio Lower Upper
117 100
82 53.7 42.7 64.1
119 31.8 25.4 38.2

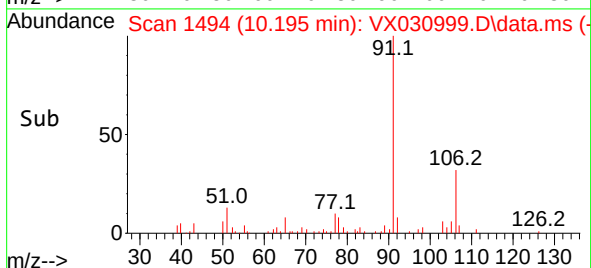
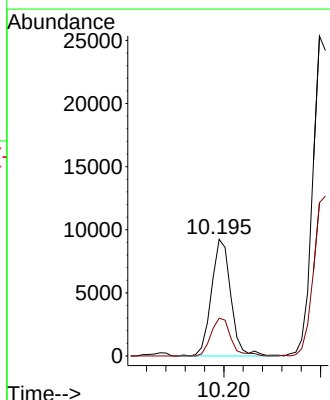
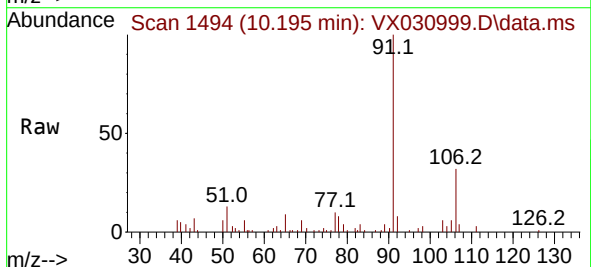
Manual Integrations
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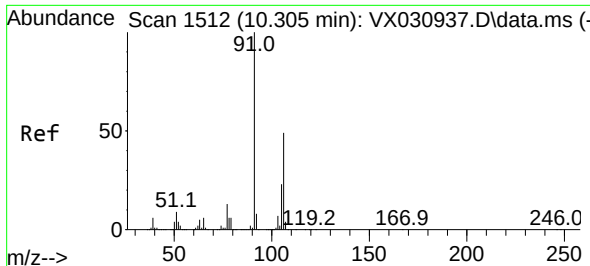
Reviewed By :Krupa Patel 09/01/2022
Supervised By :Mahesh Dadoda 09/01/2022



#67
Ethyl Benzene
Concen: 0.912 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX030999.D
Acq: 01 Sep 2022 00:33

Tgt Ion: 91 Resp: 12879
Ion Ratio Lower Upper
91 100
106 32.3 25.5 38.3





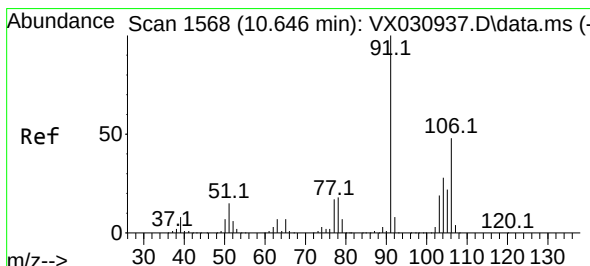
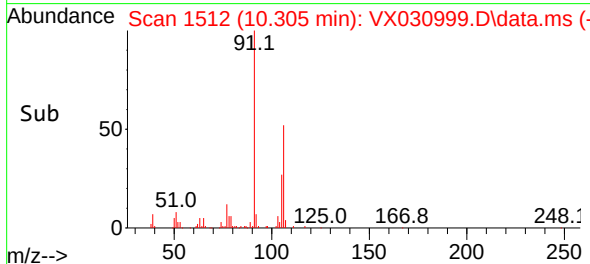
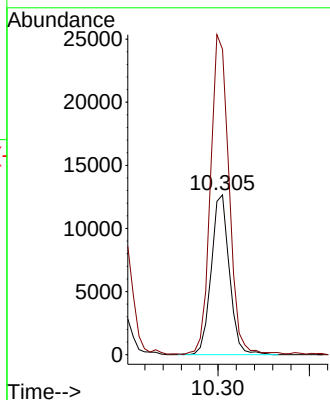
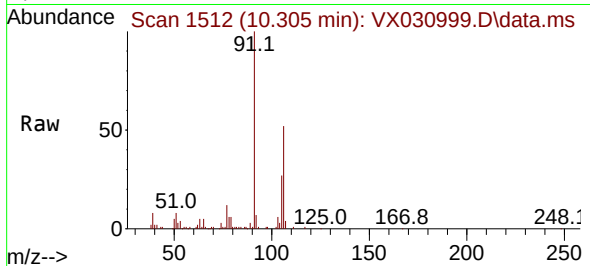
#68
m/p-Xylenes
Concen: 3.263 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX030999.D
Acq: 01 Sep 2022 00:33

Instrument :
MSVOA_X
ClientSampleId :
MW-11

Tgt Ion:106 Resp: 1744
Ion Ratio Lower Upper
106 100
91 204.8 158.2 237.4

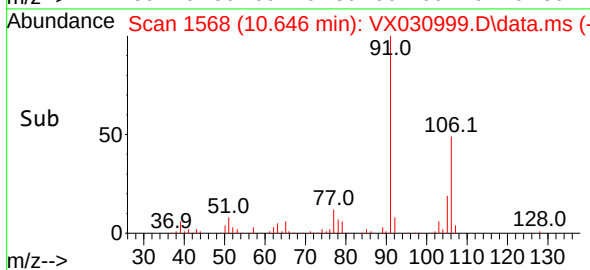
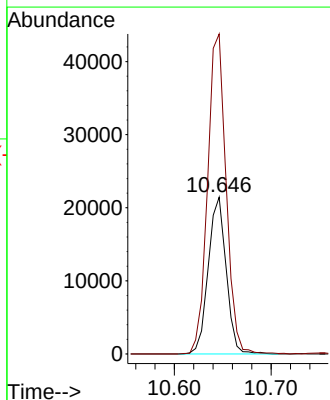
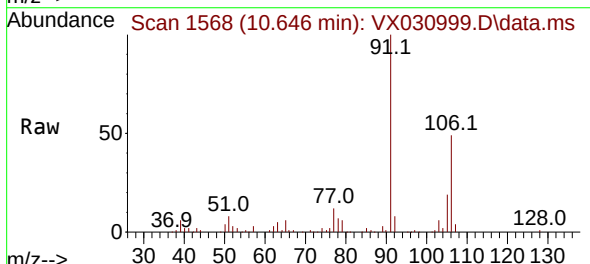
Manual Integrations
APPROVED

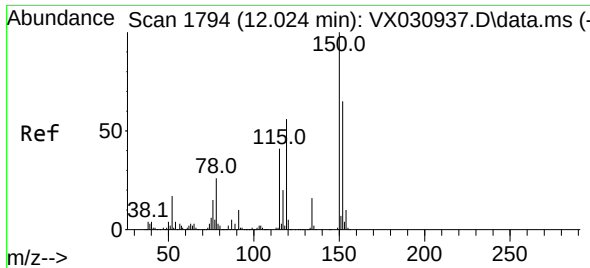
Reviewed By :Krupa Patel 09/01/2022
Supervised By :Mahesh Dadoda 09/01/2022



#69
o-Xylene
Concen: 5.275 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX030999.D
Acq: 01 Sep 2022 00:33

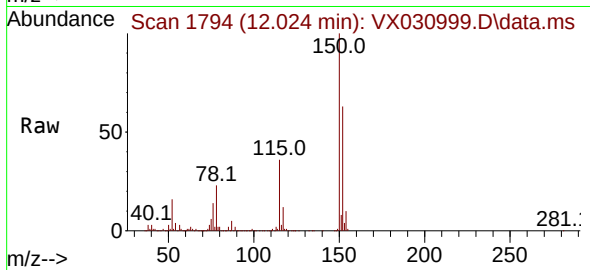
Tgt Ion:106 Resp: 27606
Ion Ratio Lower Upper
106 100
91 211.0 103.8 311.6





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030999.D
Acq: 01 Sep 2022 00:33

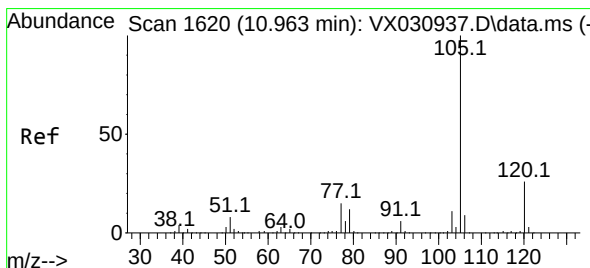
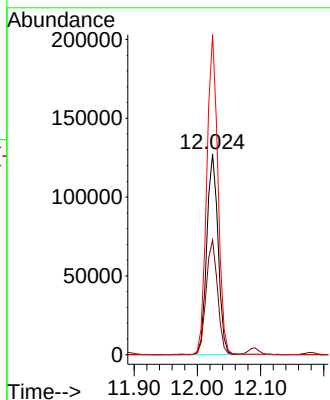
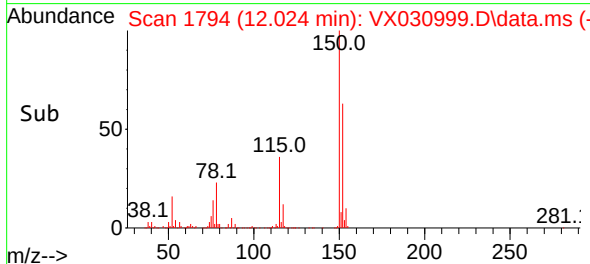
Instrument :
MSVOA_X
ClientSampleId :
MW-11



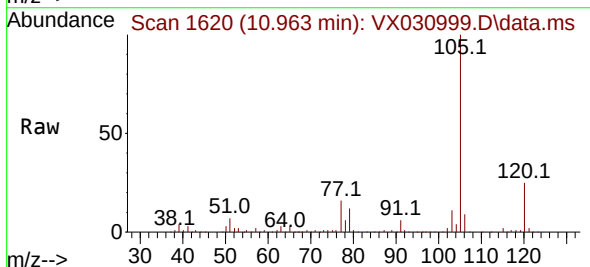
Tgt Ion:152 Resp: 15834
Ion Ratio Lower Upper
152 100
115 57.4 40.5 121.5
150 157.6 0.0 347.0

Manual Integrations
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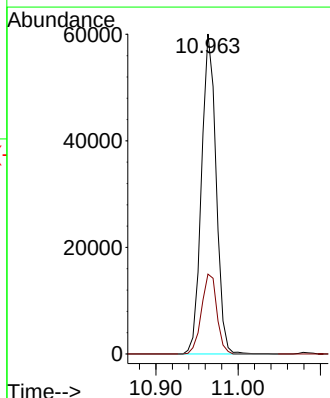
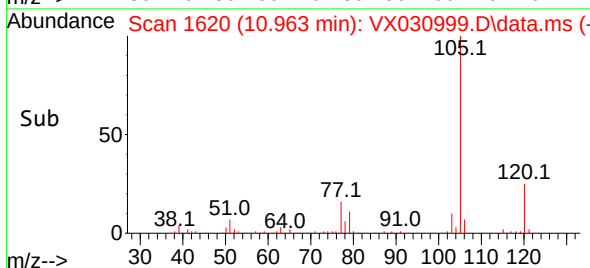
Reviewed By :Krupa Patel 09/01/2022
Supervised By :Mahesh Dadoda 09/01/2022

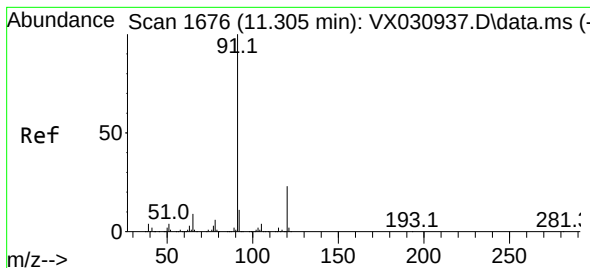


#73
Isopropylbenzene
Concen: 5.917 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX030999.D
Acq: 01 Sep 2022 00:33



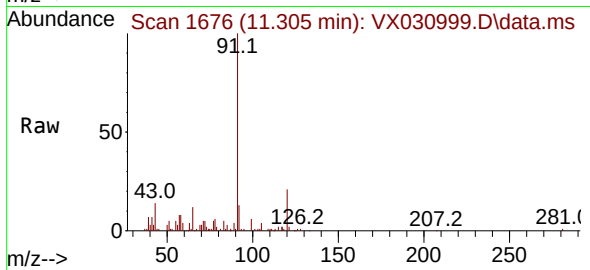
Tgt Ion:105 Resp: 74117
Ion Ratio Lower Upper
105 100
120 26.1 13.5 40.4





#78
n-propylbenzene
Concen: 1.402 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX030999.D
Acq: 01 Sep 2022 00:33

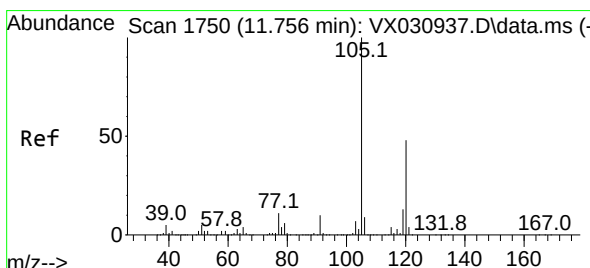
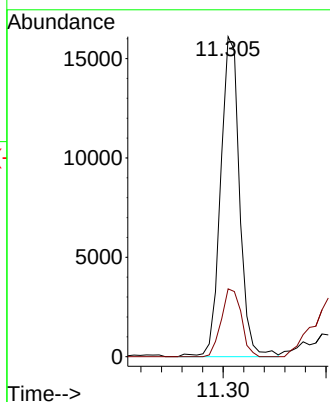
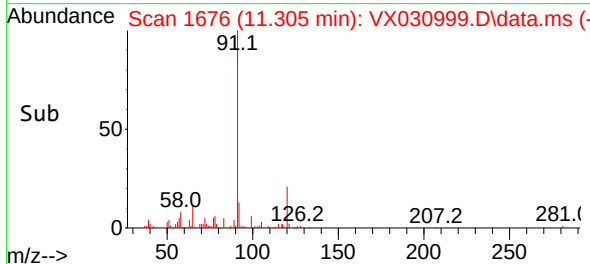
Instrument :
MSVOA_X
ClientSampleId :
MW-11



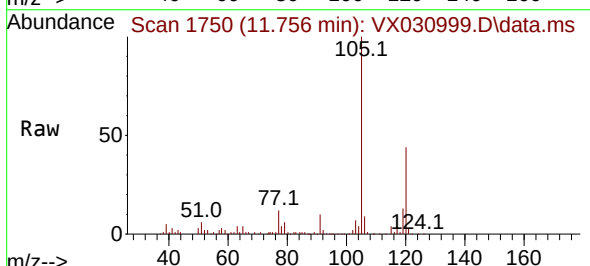
Tgt Ion: 91 Resp: 20584
Ion Ratio Lower Upper
91 100
120 22.3 11.6 34.8

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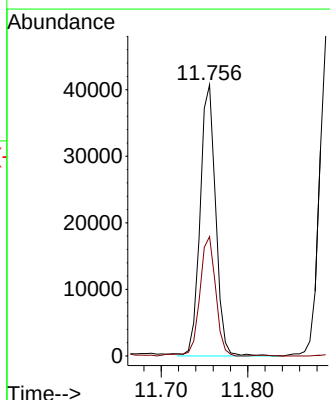
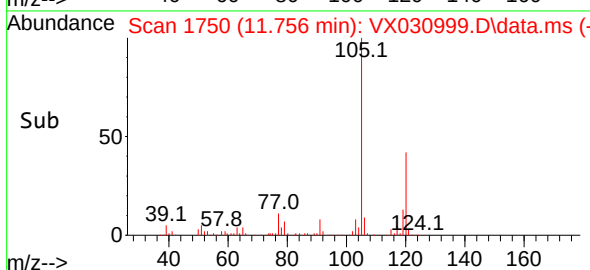
Reviewed By :Krupa Patel 09/01/2022
Supervised By :Mahesh Dadoda 09/01/2022

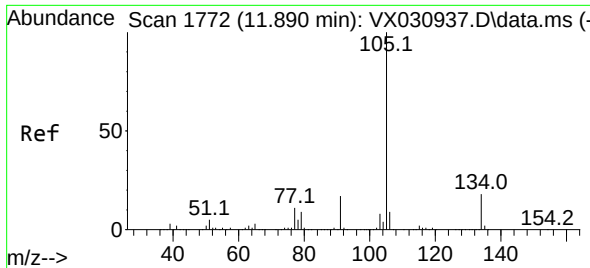


#84
1,2,4-Trimethylbenzene
Concen: 4.692 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX030999.D
Acq: 01 Sep 2022 00:33



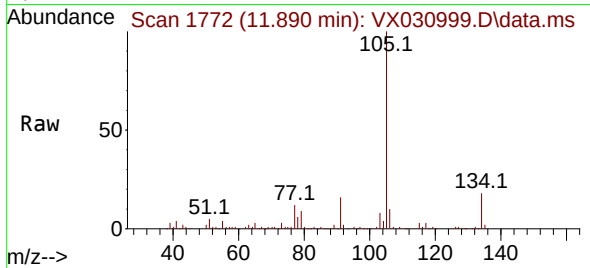
Tgt Ion:105 Resp: 50697
Ion Ratio Lower Upper
105 100
120 45.1 22.9 68.8





#85
 sec-Butylbenzene
 Concen: 4.535 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.006 min
 Lab File: VX030999.D
 Acq: 01 Sep 2022 00:33

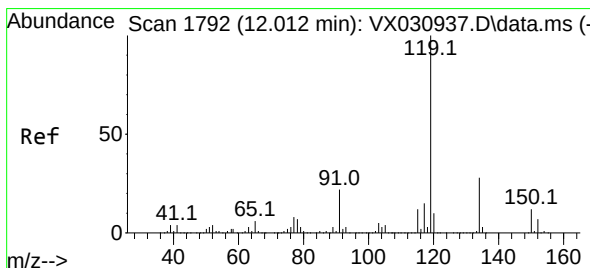
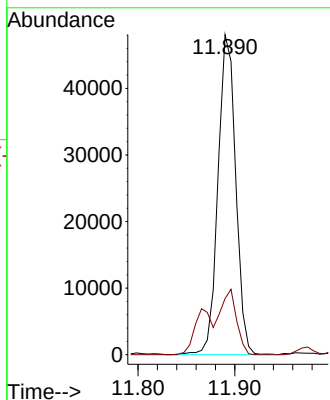
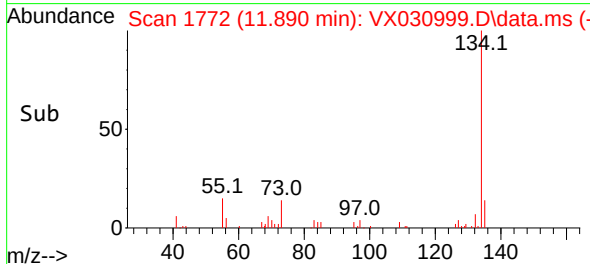
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-11



Tgt Ion:105 Resp: 6099
 Ion Ratio Lower Upper
 105 100
 134 18.6 10.0 30.0

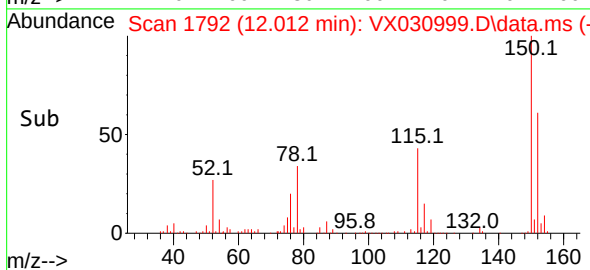
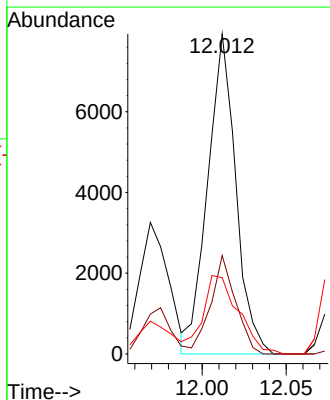
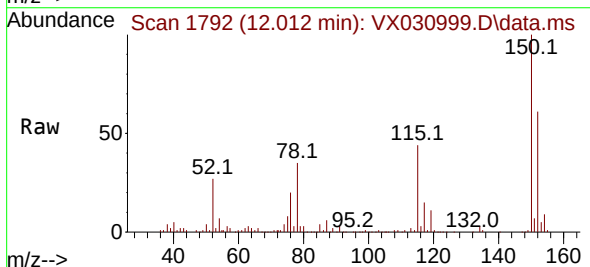
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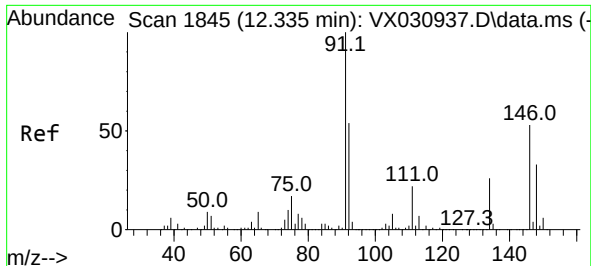
Reviewed By :Krupa Patel 09/01/2022
 Supervised By :Mahesh Dadoda 09/01/2022



#86
 p-Isopropyltoluene
 Concen: 0.826 ug/l m
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX030999.D
 Acq: 01 Sep 2022 00:33

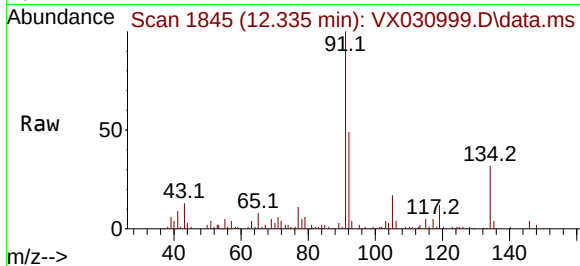
Tgt Ion:119 Resp: 9221
 Ion Ratio Lower Upper
 119 100
 134 62.2 13.9 41.6#
 91 56.9 11.8 35.3#





#89
n-Butylbenzene
Concen: 1.162 ug/l m
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX030999.D
Acq: 01 Sep 2022 00:33

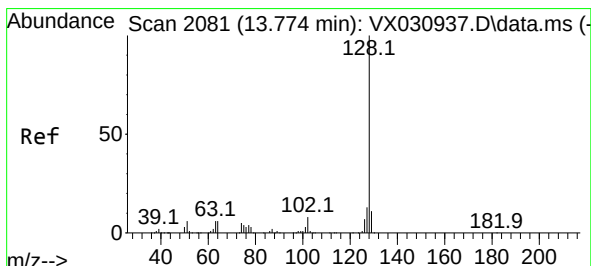
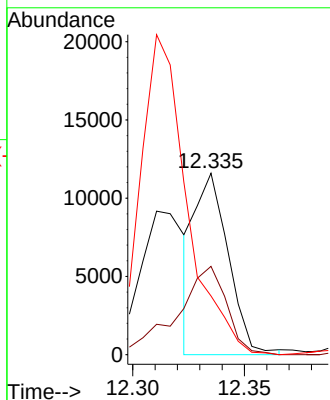
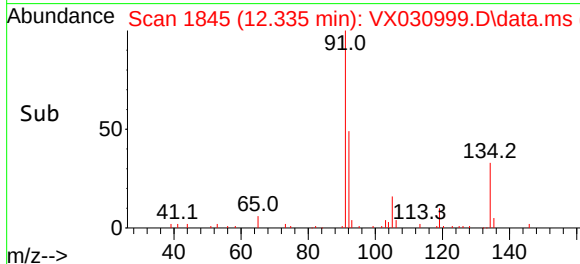
Instrument :
MSVOA_X
ClientSampleId :
MW-11



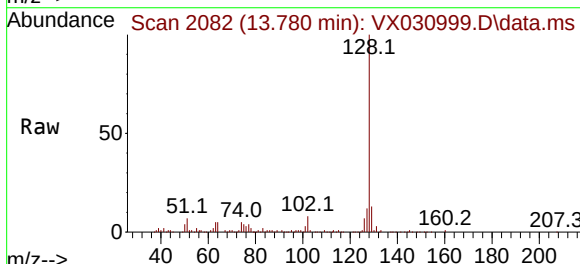
Tgt Ion: 91 Resp: 12139
Ion Ratio Lower Upper
91 100
92 72.6 26.2 78.5
134 0.0 12.6 37.8

Manual Integrations
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Reviewed By :Krupa Patel 09/01/2022
Supervised By :Mahesh Dadoda 09/01/2022



#95
Naphthalene
Concen: 6.012 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX030999.D
Acq: 01 Sep 2022 00:33



Tgt Ion:128 Resp: 83449
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.2
129 13.9 8.6 13.0

