

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092222\
 Data File : VX031593.D
 Acq On : 23 Sep 2022 01:24
 Operator : JC/MD
 Sample : N4614-08DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-13RDL

Quant Time: Sep 23 04:46:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 09:45:29 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/24/2022
 Supervised By :Mahesh Dadoda 09/24/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	80545	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	129994	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	117913	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	59625	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	76617	51.811	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.620%			
35) Dibromofluoromethane	5.385	113	66764	49.685	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.360%			
50) Toluene-d8	8.647	98	258273	49.868	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.740%			
62) 4-Bromofluorobenzene	11.079	95	82990	47.306	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.620%			
Target Compounds					Qvalue	
19) Methyl tert-butyl Ether	3.117	73	11833	2.610	ug/l #	1
22) Diisopropyl ether	3.763	45	1620	0.366	ug/l #	73
25) 2-Butanone	4.580	43	2865	2.512	ug/l #	87
31) Cyclohexane	5.470	56	13253	6.049	ug/l #	83
39) Methylcyclohexane	7.379	83	11748	4.621	ug/l	89
40) Benzene	6.043	78	176332	28.605	ug/l	99
52) Toluene	8.720	92	11165	2.777	ug/l	98
67) Ethyl Benzene	10.195	91	256773	39.995	ug/l	100
68) m/p-Xylenes	10.305	106	43645	16.916	ug/l	95
69) o-Xylene	10.646	106	7106	2.886	ug/l	98
73) Isopropylbenzene	10.963	105	64163	14.410	ug/l	99
78) n-propylbenzene	11.305	91	204442	39.910	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	5043	1.335	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	127955	34.384	ug/l	98
85) sec-Butylbenzene	11.890	105	11475	2.476	ug/l	94
86) p-Isopropyltoluene	12.012	119	3582m	0.915	ug/l	
89) n-Butylbenzene	12.335	91	16838	5.051	ug/l #	60
95) Naphthalene	13.774	128	173459	40.581	ug/l	99

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

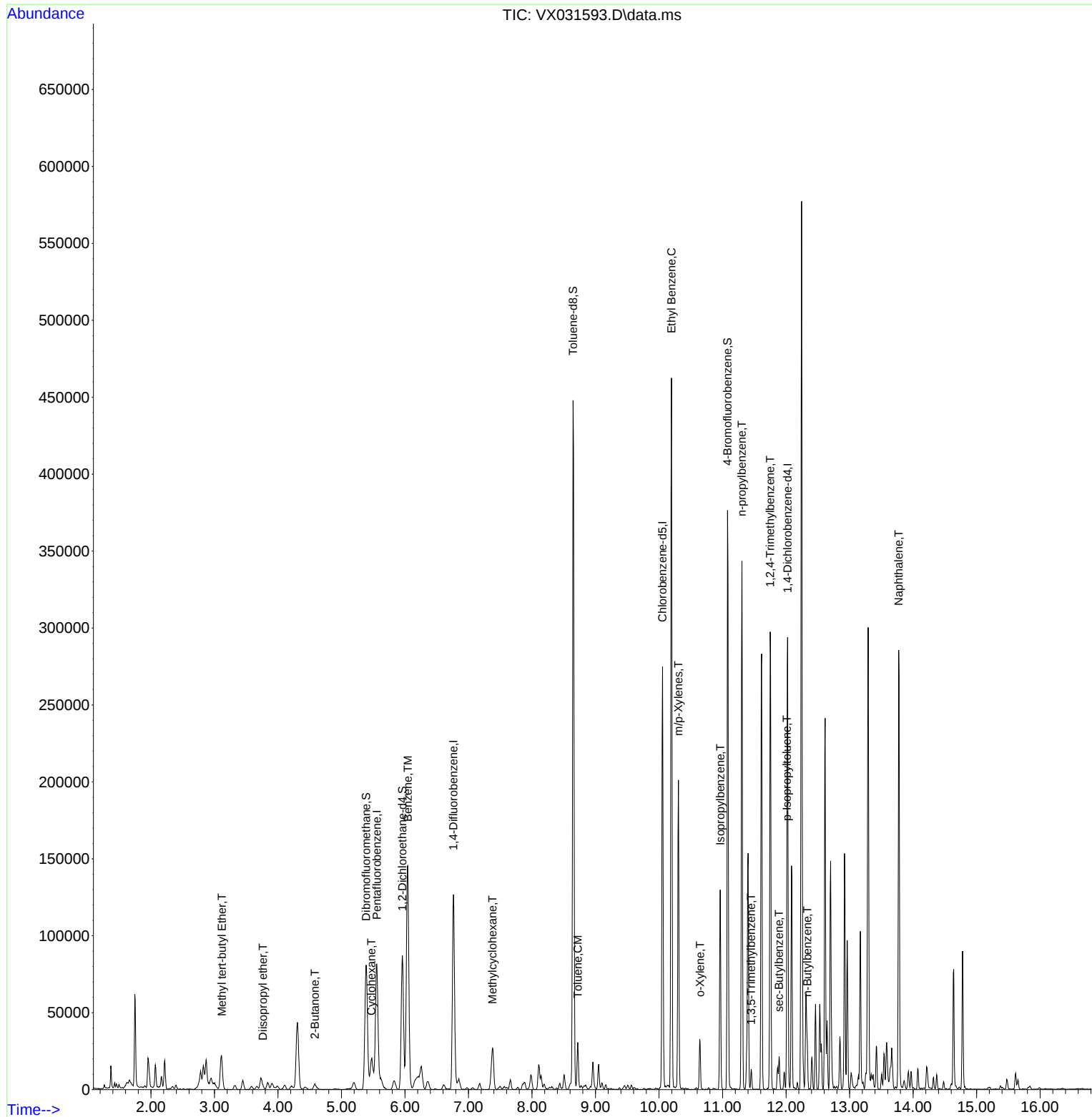
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092222\
Data File : VX031593.D
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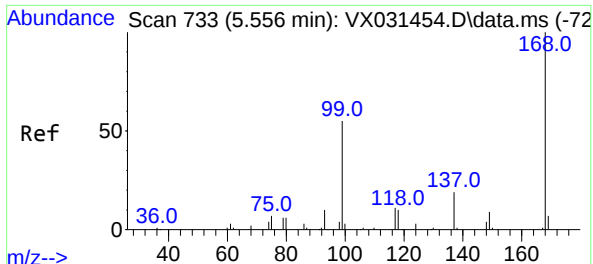
Instrument :
MSVOA_X
ClientSampleId :
MW-13RDL

Quant Time: Sep 23 04:46:47 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 20 09:45:29 2022
Response via : Initial Calibration

Manual Integrations
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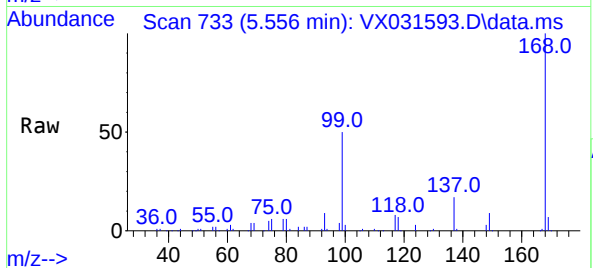
Reviewed By :Krupa Patel 09/24/2022
Supervised By :Mahesh Dadoda 09/24/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX031593.D
Acq: 23 Sep 2022 01:24

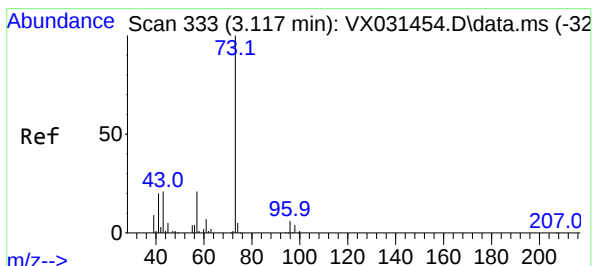
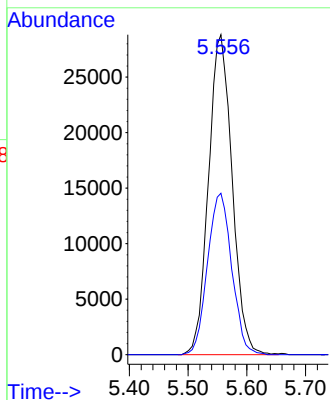
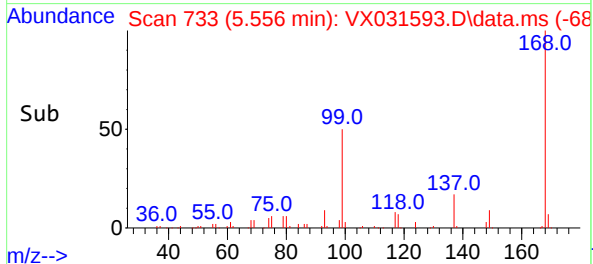
Instrument :
MSVOA_X
ClientSampleId :
MW-13RDL



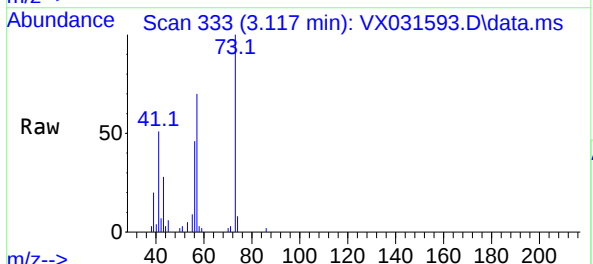
Tgt Ion:168 Resp: 8054
Ion Ratio Lower Upper
168 100
99 50.4 48.8 73.2

Manual Integrations
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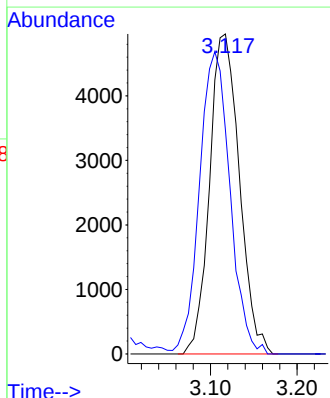
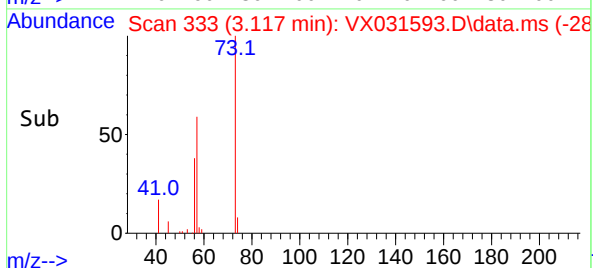
Reviewed By :Krupa Patel 09/24/2022
Supervised By :Mahesh Dadoda 09/24/2022

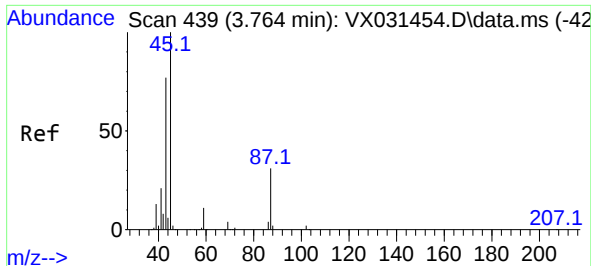


#19
Methyl tert-butyl Ether
Concen: 2.610 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX031593.D
Acq: 23 Sep 2022 01:24



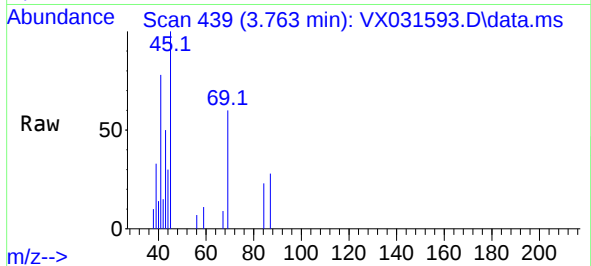
Tgt Ion: 73 Resp: 11833
Ion Ratio Lower Upper
73 100
57 70.1 17.2 25.8#





#22
Diisopropyl ether
Concen: 0.366 ug/l
RT: 3.763 min Scan# 41
Delta R.T. -0.001 min
Lab File: VX031593.D
Acq: 23 Sep 2022 01:24

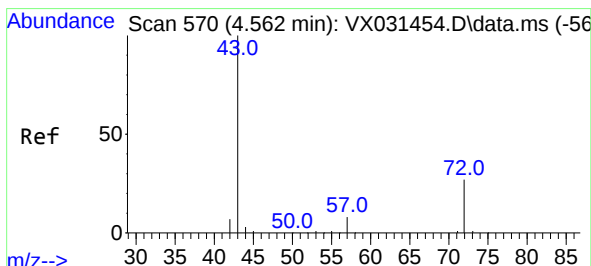
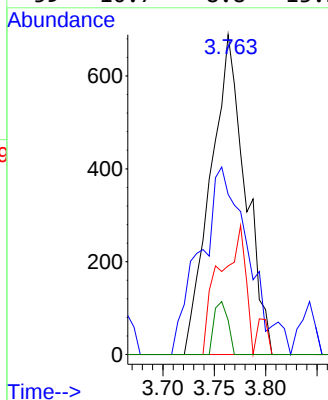
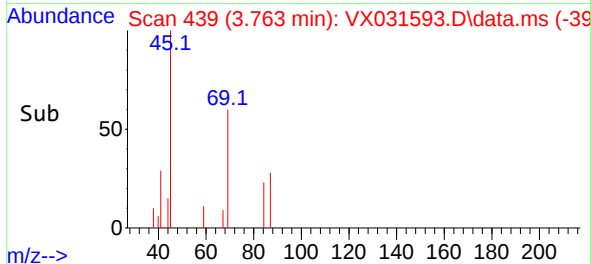
Instrument :
MSVOA_X
ClientSampleId :
MW-13RDL



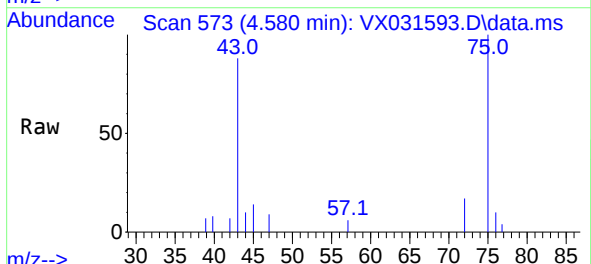
Tgt Ion:	45	Resp:	1620
Ion	Ratio	Lower	Upper
45	100		
43	39.9	59.0	88.6
87	27.7	22.6	33.8
59	10.7	8.8	13.2

Manual Integrations
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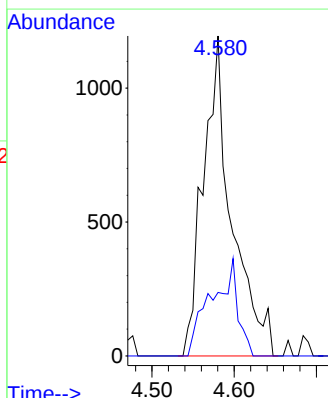
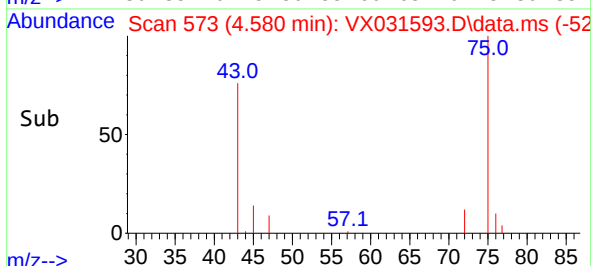
Reviewed By :Krupa Patel 09/24/2022
Supervised By :Mahesh Dadoda 09/24/2022

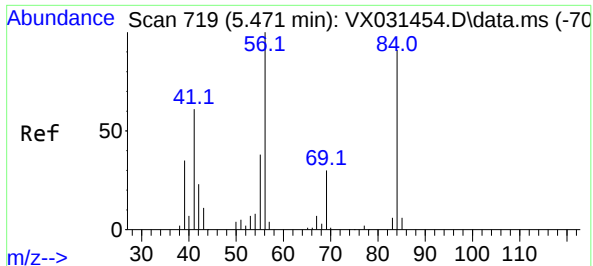


#25
2-Butanone
Concen: 2.512 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.018 min
Lab File: VX031593.D
Acq: 23 Sep 2022 01:24



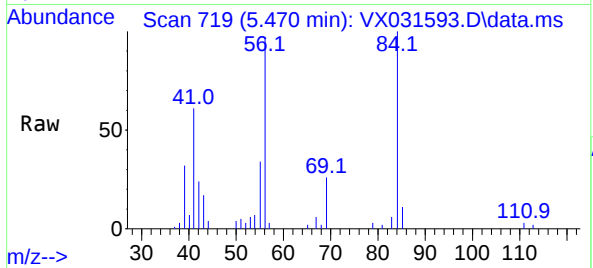
Tgt Ion:	43	Resp:	2865
Ion	Ratio	Lower	Upper
43	100		
72	19.8	21.1	31.7





#31
Cyclohexane
Concen: 6.049 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.001 min
Lab File: VX031593.D
Acq: 23 Sep 2022 01:24

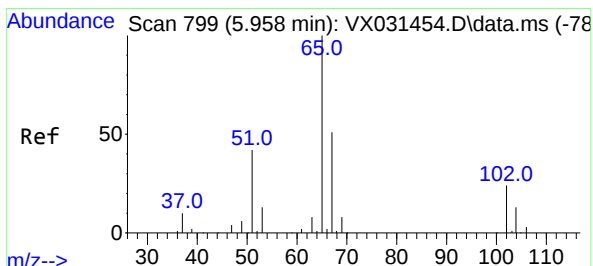
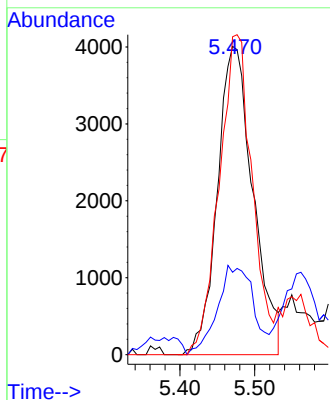
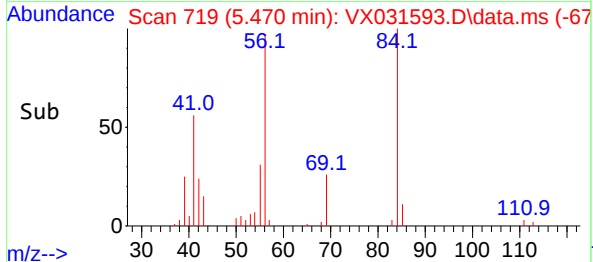
Instrument :
MSVOA_X
ClientSampleId :
MW-13RDL



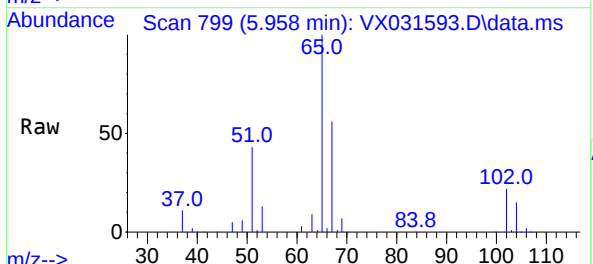
Tgt Ion: 56 Resp: 1325
Ion Ratio Lower Upper
56 100
69 21.6 25.1 37.7
84 103.1 70.2 105.4

Manual Integrations
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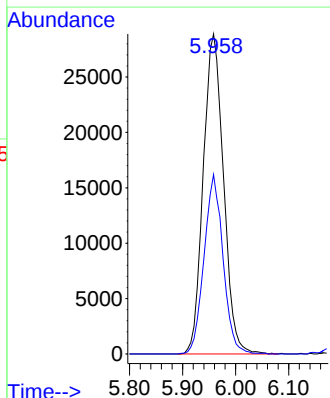
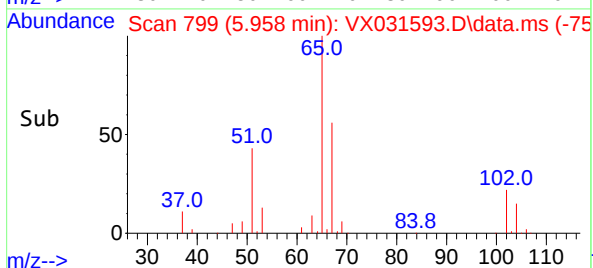
Reviewed By :Krupa Patel 09/24/2022
Supervised By :Mahesh Dadoda 09/24/2022

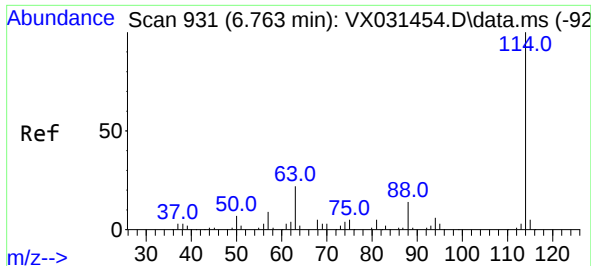


#33
1,2-Dichloroethane-d4
Concen: 51.811 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031593.D
Acq: 23 Sep 2022 01:24



Tgt Ion: 65 Resp: 76617
Ion Ratio Lower Upper
65 100
67 52.6 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. -0.000 min

Lab File: VX031593.D

Acq: 23 Sep 2022 01:24

Instrument :

MSVOA_X

ClientSampleId :

MW-13RDL

Tgt Ion:114 Resp: 129994

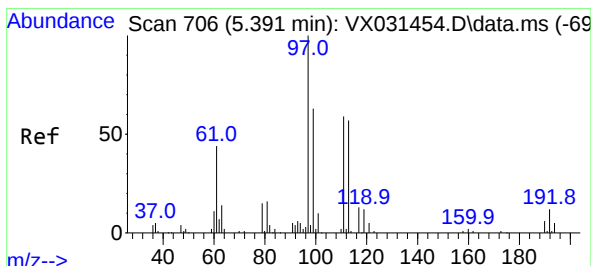
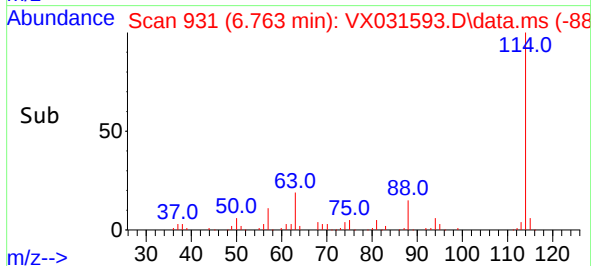
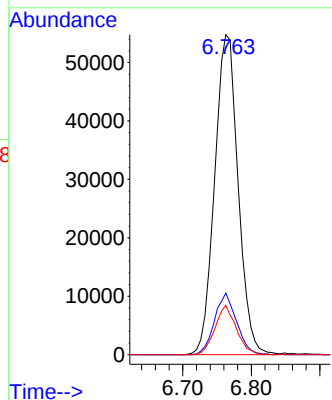
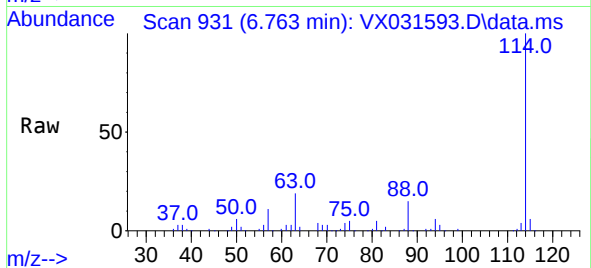
Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	42.6
88	15.4	0.0	33.0

Manual Integrations

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Reviewed By :Krupa Patel 09/24/2022

Supervised By :Mahesh Dadoda 09/24/2022



#35

Dibromofluoromethane

Concen: 49.685 ug/l

RT: 5.385 min Scan# 705

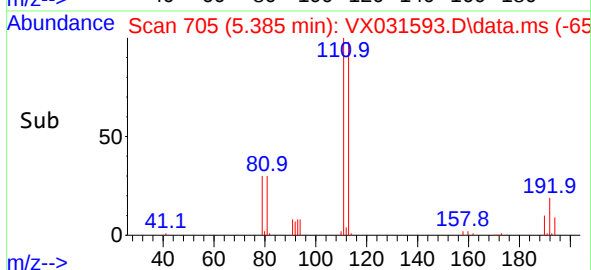
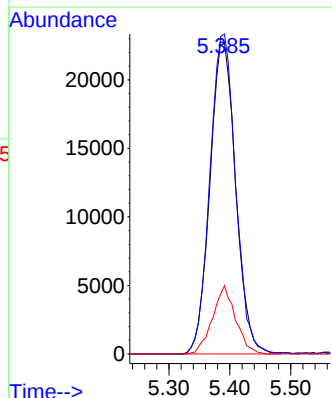
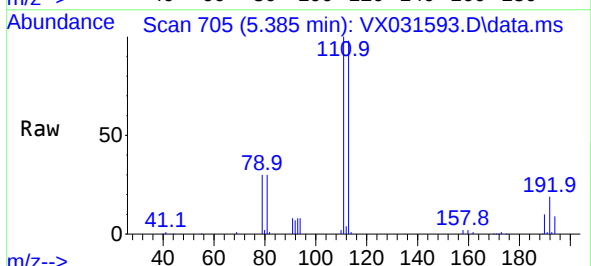
Delta R.T. -0.006 min

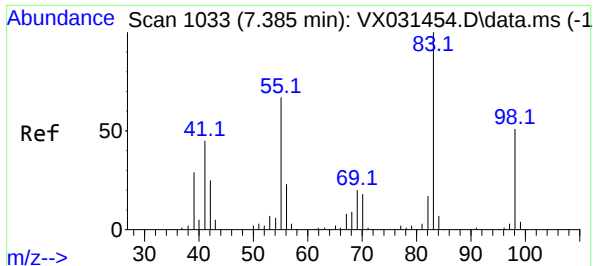
Lab File: VX031593.D

Acq: 23 Sep 2022 01:24

Tgt Ion:113 Resp: 66764

Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.4	123.6
192	19.6	14.1	21.1





#39

Methylcyclohexane

Concen: 4.621 ug/l

RT: 7.379 min Scan# 1033

Delta R.T. -0.006 min

Lab File: VX031593.D

Acq: 23 Sep 2022 01:24

Instrument :

MSVOA_X

ClientSampleId :

MW-13RDL

Tgt Ion: 83 Resp: 1174

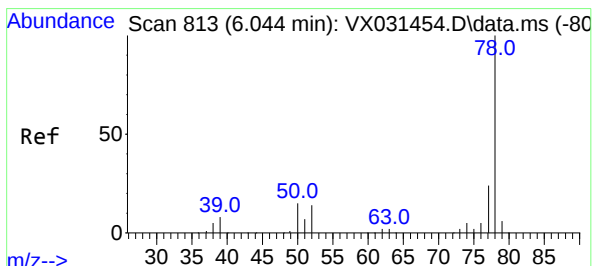
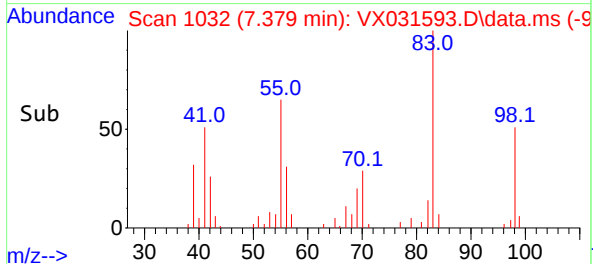
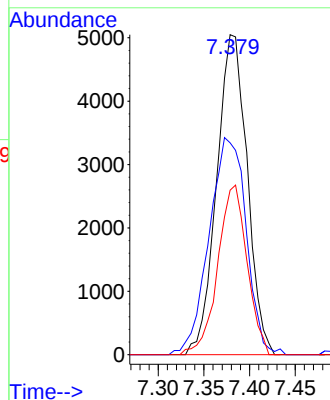
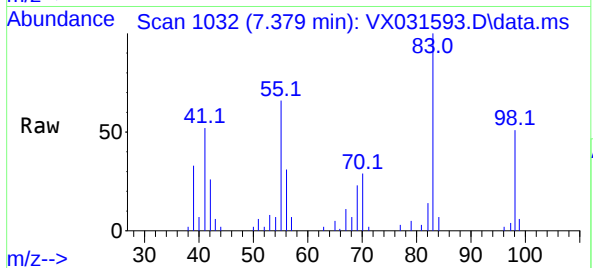
Ion	Ratio	Lower	Upper
83	100		
55	64.9	61.0	91.4
98	51.4	37.7	56.5

Manual Integrations

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Reviewed By :Krupa Patel 09/24/2022

Supervised By :Mahesh Dadoda 09/24/2022



#40

Benzene

Concen: 28.605 ug/l

RT: 6.043 min Scan# 813

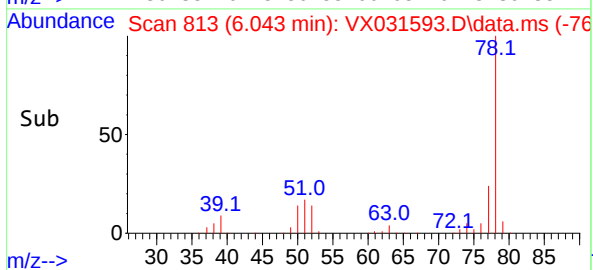
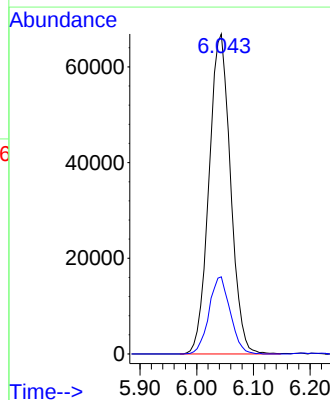
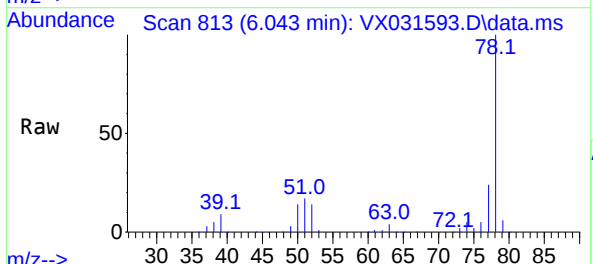
Delta R.T. -0.001 min

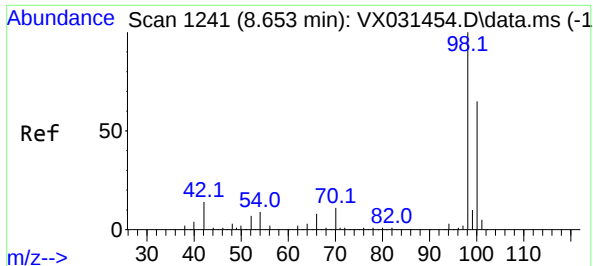
Lab File: VX031593.D

Acq: 23 Sep 2022 01:24

Tgt Ion: 78 Resp: 176332

Ion	Ratio	Lower	Upper
78	100		
77	24.1	18.7	28.1





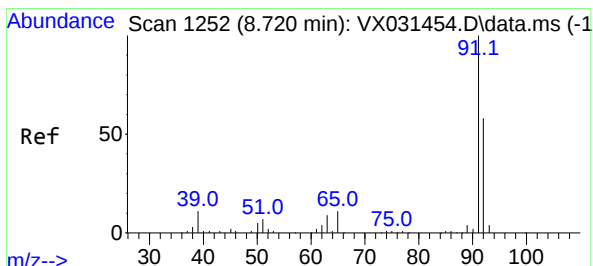
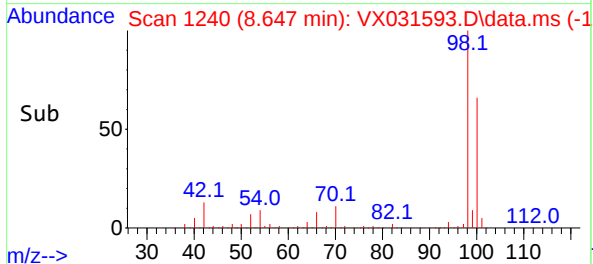
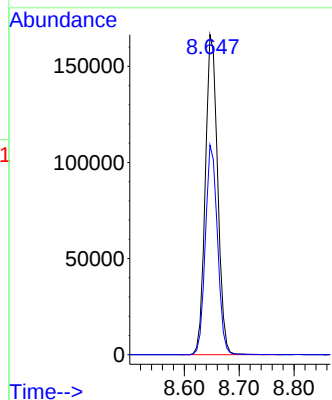
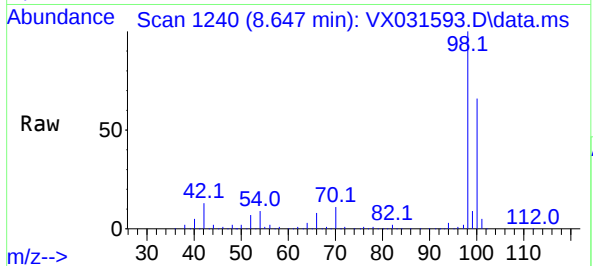
#50
Toluene-d8
Concen: 49.868 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX031593.D
Acq: 23 Sep 2022 01:24

Instrument :
MSVOA_X
ClientSampleId :
MW-13RDL

Tgt Ion: 98 Resp: 25827
Ion Ratio Lower Upper
98 100
100 64.6 52.5 78.7

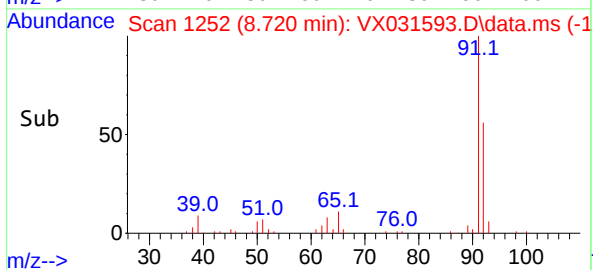
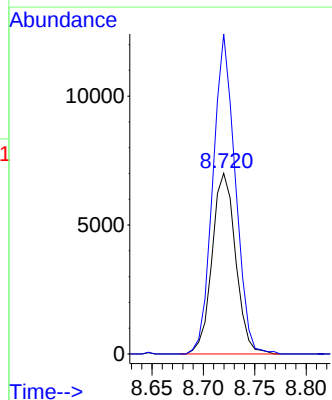
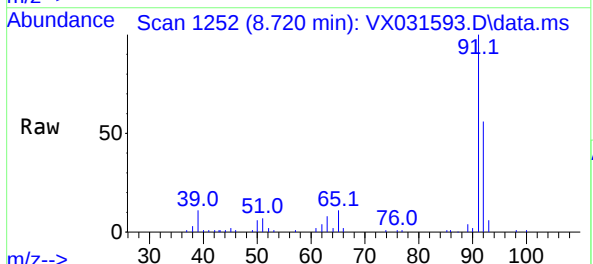
Manual Integrations
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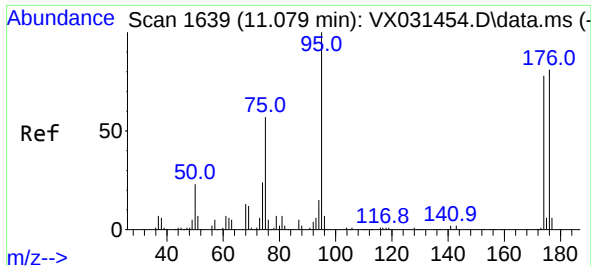
Reviewed By :Krupa Patel 09/24/2022
Supervised By :Mahesh Dadoda 09/24/2022



#52
Toluene
Concen: 2.777 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX031593.D
Acq: 23 Sep 2022 01:24

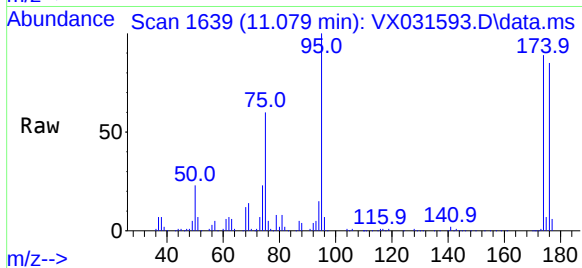
Tgt Ion: 92 Resp: 11165
Ion Ratio Lower Upper
92 100
91 168.2 137.1 205.7





#62
4-Bromofluorobenzene
Concen: 47.306 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031593.D
Acq: 23 Sep 2022 01:24

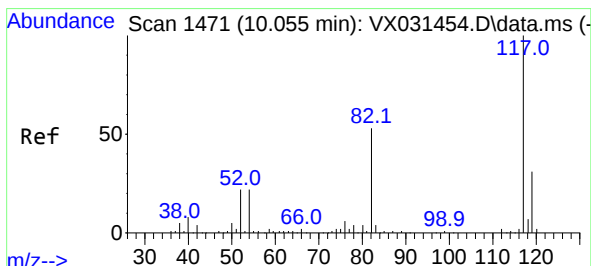
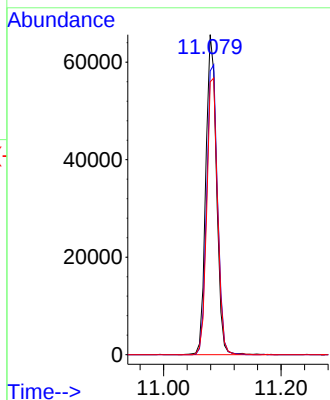
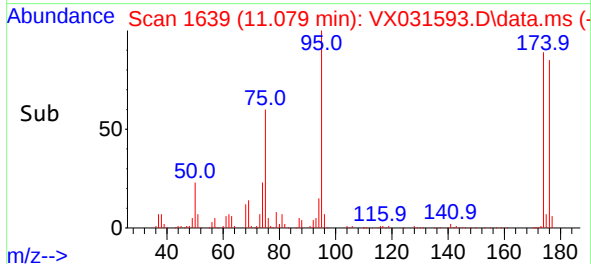
Instrument :
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MW-13RDL



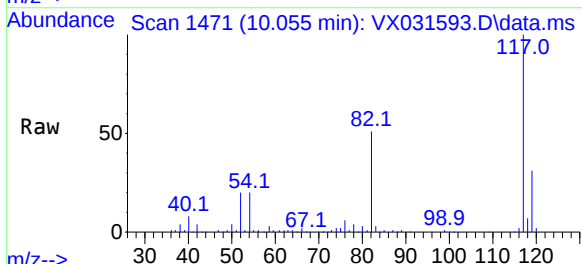
Tgt Ion: 95 Resp: 82990
Ion Ratio Lower Upper
95 100
174 92.4 0.0 153.2
176 87.5 0.0 144.0

Manual Integrations
APPROVED

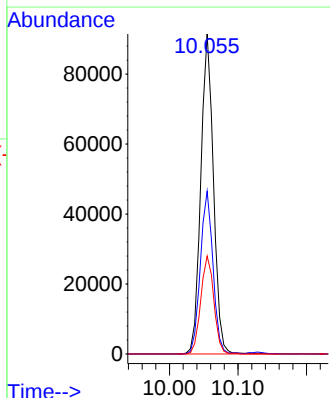
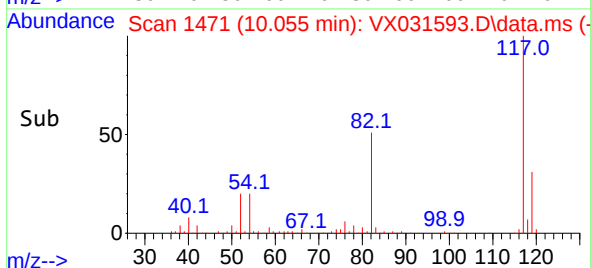
Reviewed By :Krupa Patel 09/24/2022
Supervised By :Mahesh Dadoda 09/24/2022

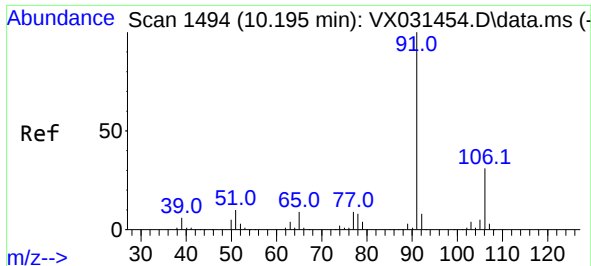


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031593.D
Acq: 23 Sep 2022 01:24



Tgt Ion:117 Resp: 117913
Ion Ratio Lower Upper
117 100
82 50.9 46.8 70.2
119 30.6 26.4 39.6





#67

Ethyl Benzene

Concen: 39.995 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX031593.D

Acq: 23 Sep 2022 01:24

Instrument :

MSVOA_X

ClientSampleId :

MW-13RDL

Tgt Ion: 91 Resp: 25677

Ion Ratio Lower Upper

91 100

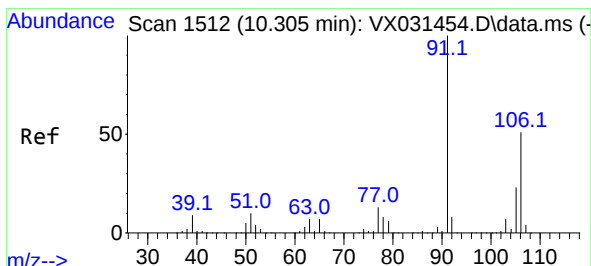
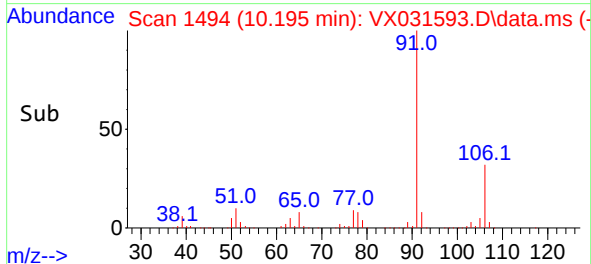
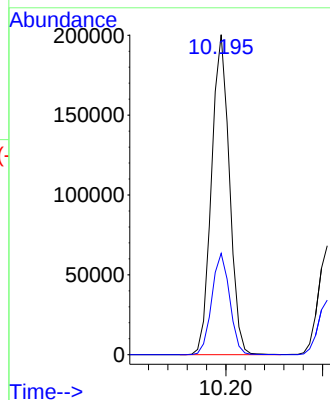
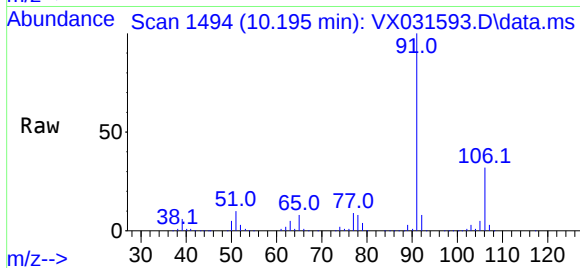
106 31.6 25.2 37.8

Manual Integrations

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Reviewed By :Krupa Patel 09/24/2022

Supervised By :Mahesh Dadoda 09/24/2022



#68

m/p-Xylenes

Concen: 16.916 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. -0.000 min

Lab File: VX031593.D

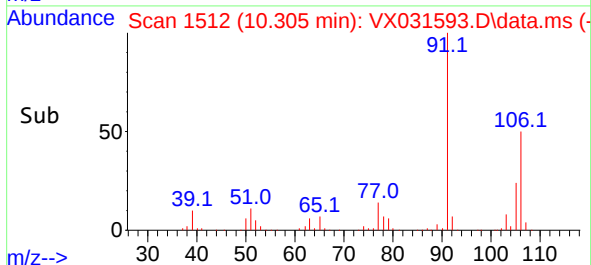
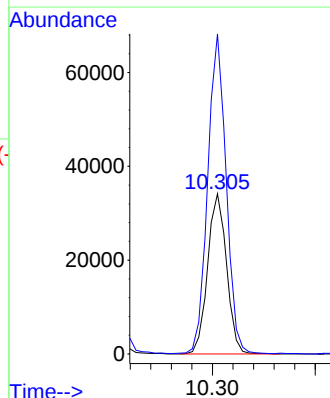
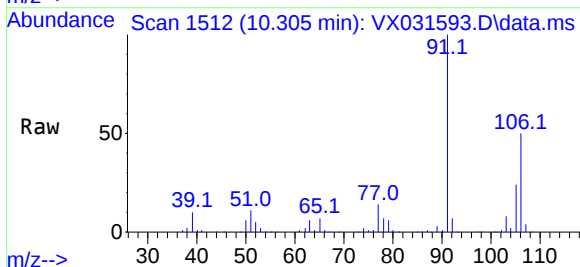
Acq: 23 Sep 2022 01:24

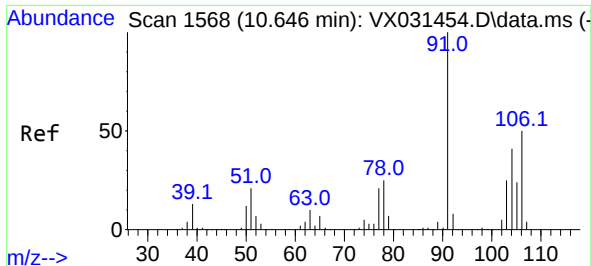
Tgt Ion:106 Resp: 43645

Ion Ratio Lower Upper

106 100

91 194.2 161.0 241.4





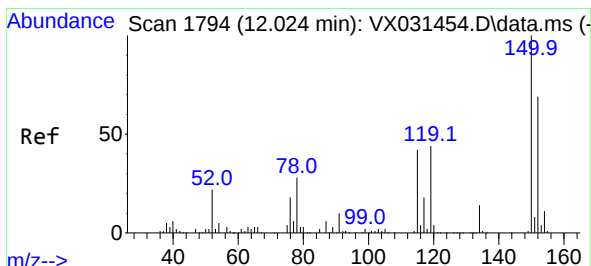
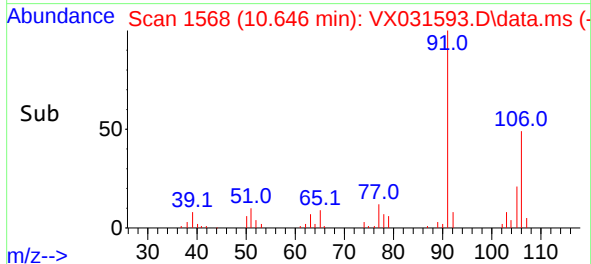
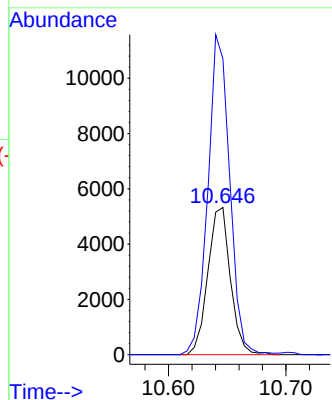
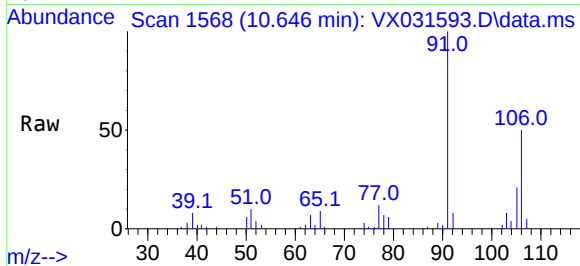
#69
o-Xylene
Concen: 2.886 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031593.D
Acq: 23 Sep 2022 01:24

Instrument :
MSVOA_X
ClientSampleId :
MW-13RDL

Tgt Ion:106 Resp: 7100
Ion Ratio Lower Upper
106 100
91 210.5 107.2 321.6

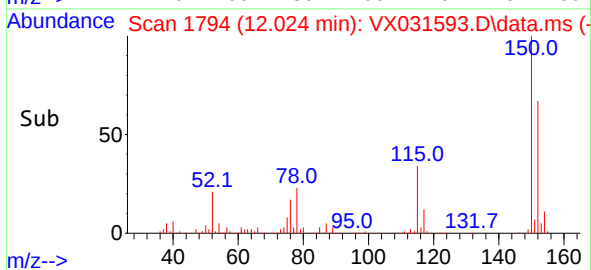
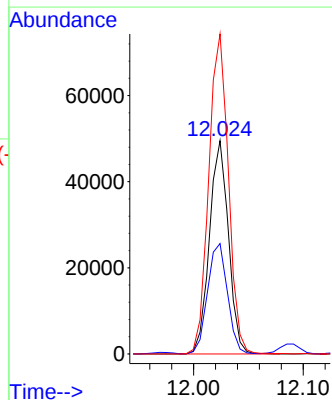
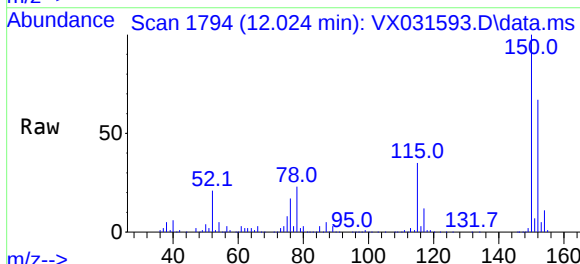
Manual Integrations
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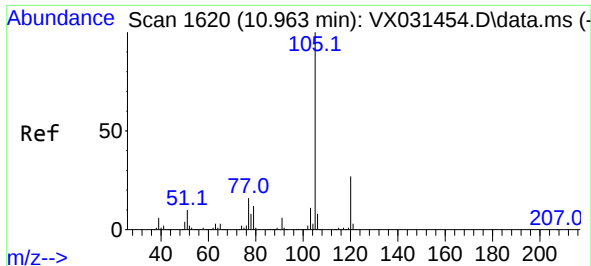
Reviewed By :Krupa Patel 09/24/2022
Supervised By :Mahesh Dadoda 09/24/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031593.D
Acq: 23 Sep 2022 01:24

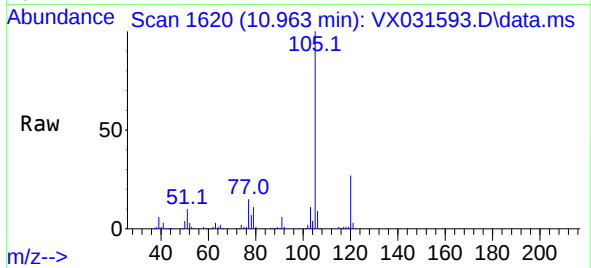
Tgt Ion:152 Resp: 59625
Ion Ratio Lower Upper
152 100
115 54.1 43.4 130.1
150 155.0 0.0 346.8





#73
Isopropylbenzene
Concen: 14.410 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX031593.D
Acq: 23 Sep 2022 01:24

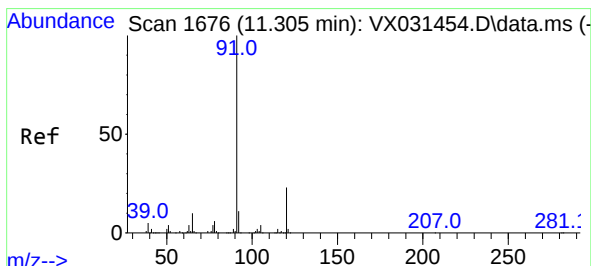
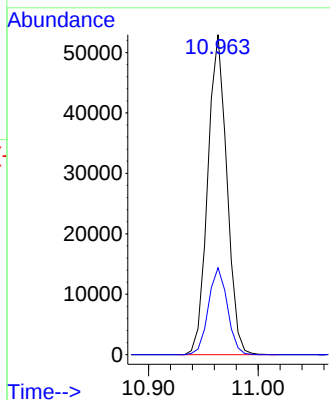
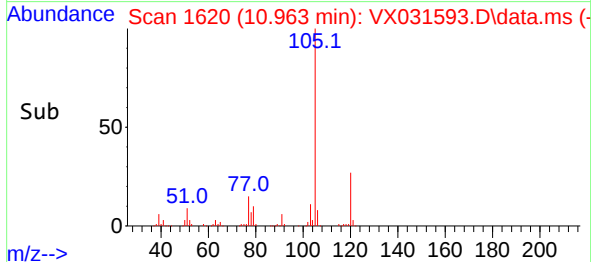
Instrument :
MSVOA_X
ClientSampleId :
MW-13RDL



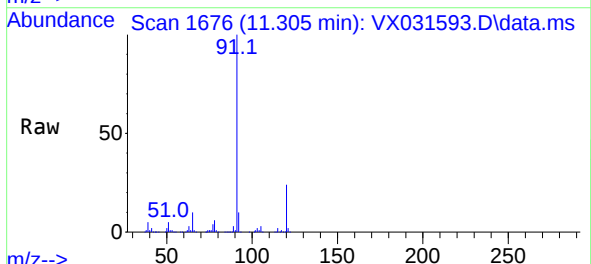
Tgt Ion: 105 Resp: 6416
Ion Ratio Lower Upper
105 100
120 26.9 13.7 41.0

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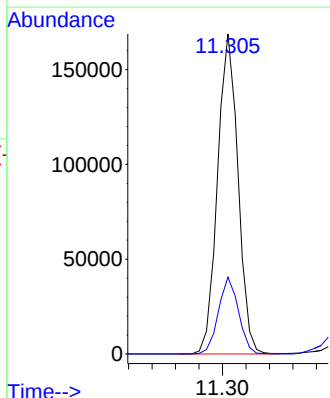
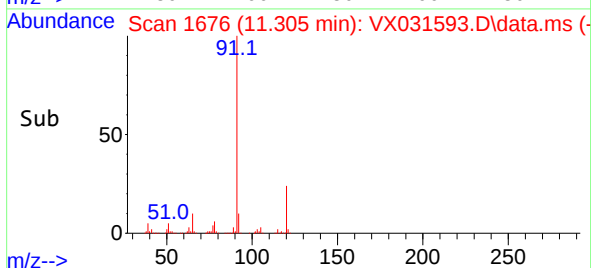
Reviewed By :Krupa Patel 09/24/2022
Supervised By :Mahesh Dadoda 09/24/2022

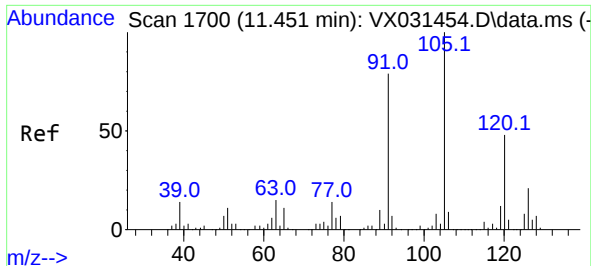


#78
n-propylbenzene
Concen: 39.910 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX031593.D
Acq: 23 Sep 2022 01:24



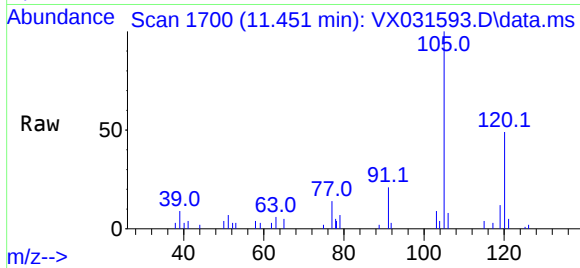
Tgt Ion: 91 Resp: 204442
Ion Ratio Lower Upper
91 100
120 23.5 11.8 35.4





#80
1,3,5-Trimethylbenzene
Concen: 1.335 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX031593.D
Acq: 23 Sep 2022 01:24

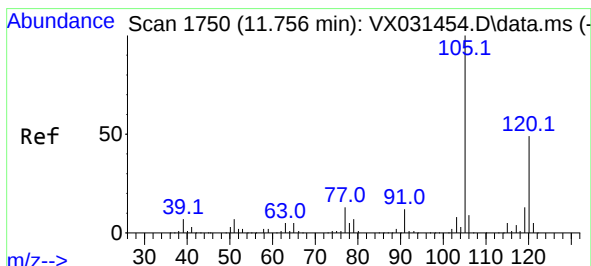
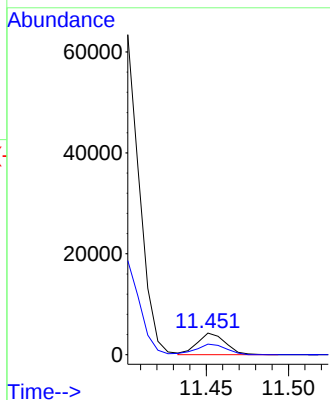
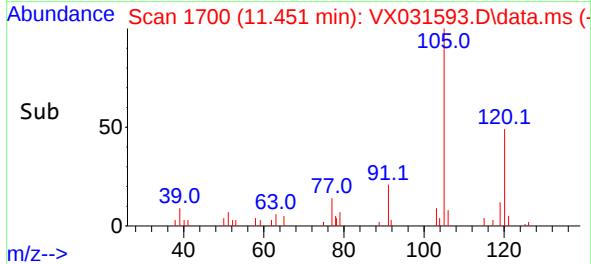
Instrument :
MSVOA_X
ClientSampleId :
MW-13RDL



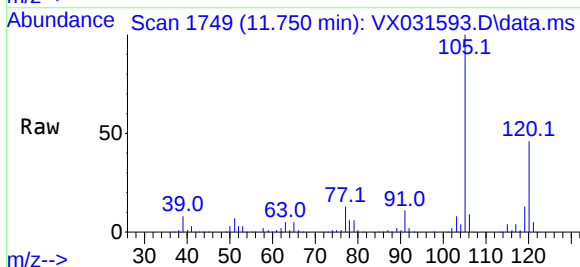
Tgt Ion:105 Resp: 504
Ion Ratio Lower Upper
105 100
120 52.9 24.5 73.5

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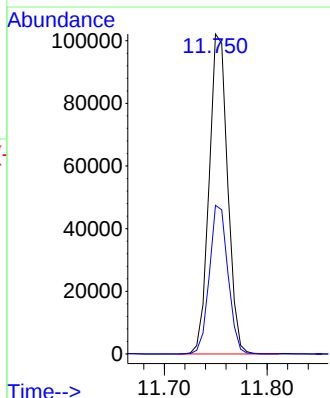
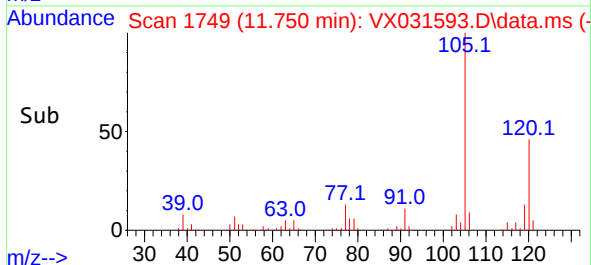
Reviewed By :Krupa Patel 09/24/2022
Supervised By :Mahesh Dadoda 09/24/2022

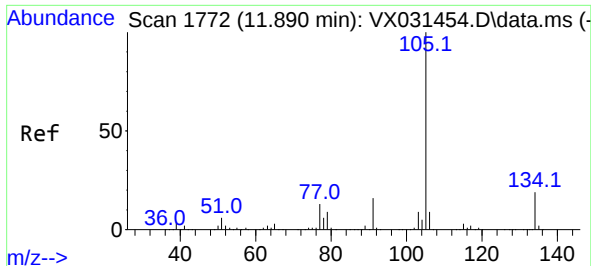


#84
1,2,4-Trimethylbenzene
Concen: 34.384 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VX031593.D
Acq: 23 Sep 2022 01:24



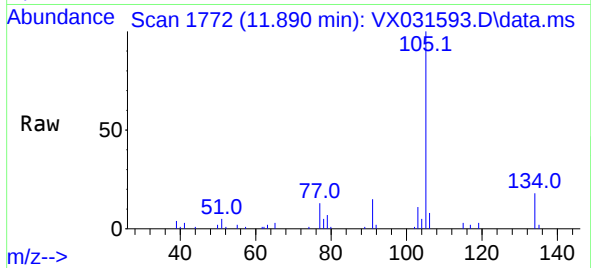
Tgt Ion:105 Resp: 127955
Ion Ratio Lower Upper
105 100
120 46.6 22.6 67.8





#85
 sec-Butylbenzene
 Concen: 2.476 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX031593.D
 Acq: 23 Sep 2022 01:24

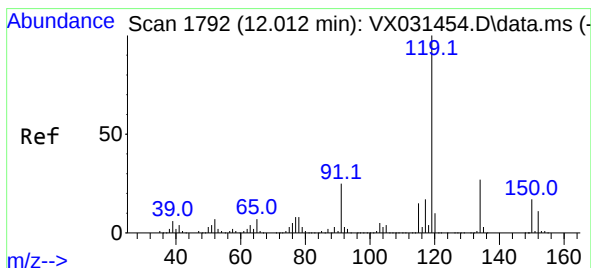
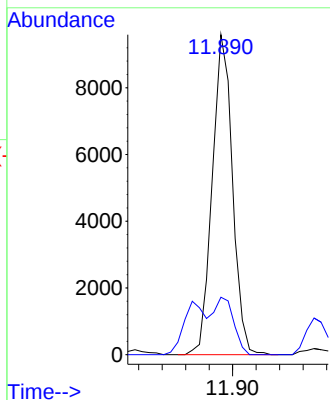
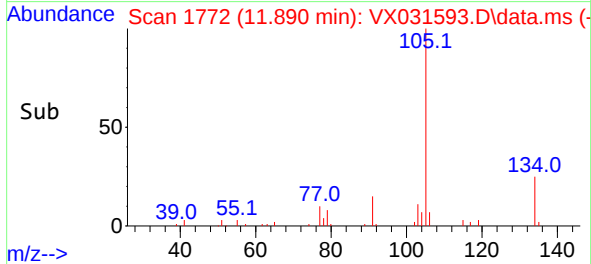
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-13RDL



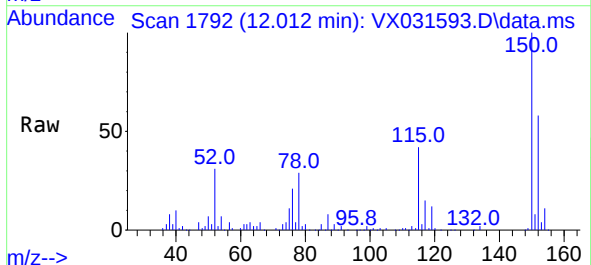
Tgt Ion:105 Resp: 1147
 Ion Ratio Lower Upper
 105 100
 134 18.0 10.4 31.1

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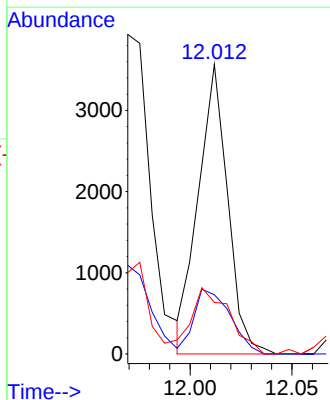
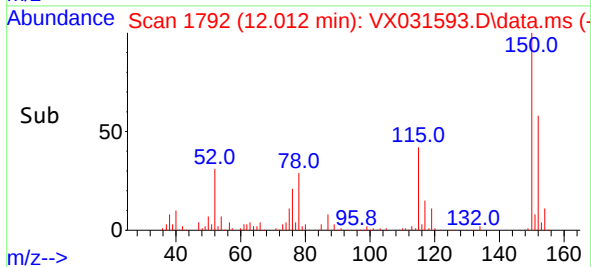
Reviewed By :Krupa Patel 09/24/2022
 Supervised By :Mahesh Dadoda 09/24/2022

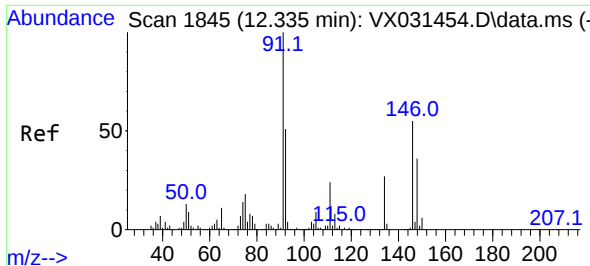


#86
 p-Isopropyltoluene
 Concen: 0.915 ug/l m
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX031593.D
 Acq: 23 Sep 2022 01:24



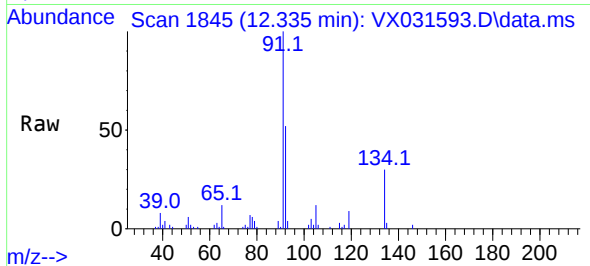
Tgt Ion:119 Resp: 3582
 Ion Ratio Lower Upper
 119 100
 134 39.0 13.4 40.2
 91 36.1 12.4 37.2





#89
n-Butylbenzene
Concen: 5.051 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX031593.D
Acq: 23 Sep 2022 01:24

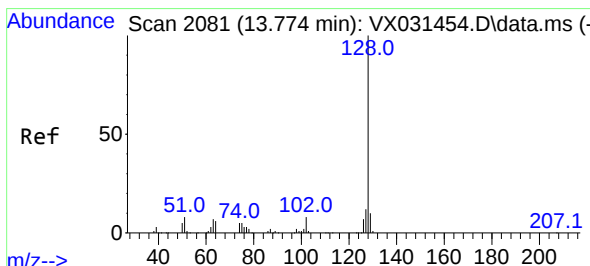
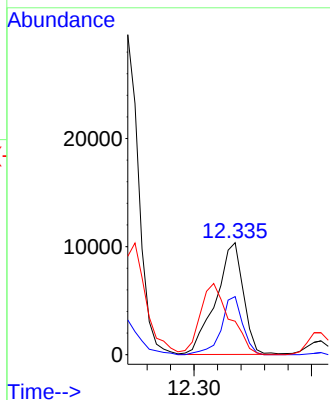
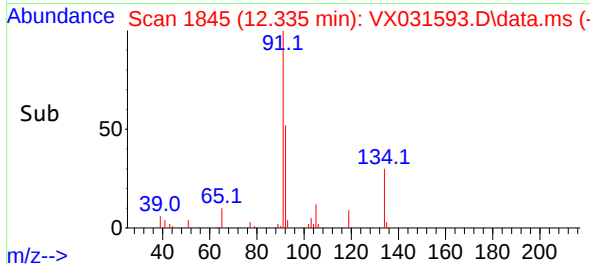
Instrument :
MSVOA_X
ClientSampleId :
MW-13RDL



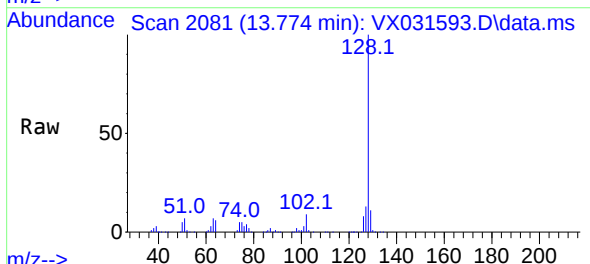
Tgt Ion: 91 Resp: 16838
Ion Ratio Lower Upper
91 100
92 40.5 27.0 81.0
134 68.9 13.3 39.9

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Reviewed By :Krupa Patel 09/24/2022
Supervised By :Mahesh Dadoda 09/24/2022



#95
Naphthalene
Concen: 40.581 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX031593.D
Acq: 23 Sep 2022 01:24



Tgt Ion:128 Resp: 173459
Ion Ratio Lower Upper
128 100
127 12.6 10.4 15.6
129 10.7 8.8 13.2

