

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092222\
 Data File : VX031610.D
 Acq On : 23 Sep 2022 08:00
 Operator : JC/MD
 Sample : N4614-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP091322

Quant Time: Sep 23 09:21:37 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	5.562	168	86184	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	156670	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	163214	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	132963	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	85265	53.930	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.860%			
35) Dibromofluoromethane	5.391	113	71612	44.138	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 88.280%			
50) Toluene-d8	8.653	98	312945	50.136	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.280%			
62) 4-Bromofluorobenzene	11.079	95	180418	85.332	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 170.660%#			
Target Compounds						Qvalue
3) Chloromethane	1.264	50	4378	2.663	ug/l #	74
16) Acetone	2.385	43	14199	9.580	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	55269	11.392	ug/l #	1
22) Diisopropyl ether	3.763	45	8337	1.760	ug/l #	70
25) 2-Butanone	4.562	43	43916	35.989	ug/l	99
31) Cyclohexane	5.476	56	170609	72.777	ug/l	93
39) Methylcyclohexane	7.378	83	108436	35.389	ug/l	97
40) Benzene	6.049	78	8123804	1093.461	ug/l	94
52) Toluene	8.726	92	4091264	844.356	ug/l	90
67) Ethyl Benzene	10.201	91	5126369	576.861	ug/l #	87
68) m/p-Xylenes	10.311	106	8771945	2456.245	ug/l #	65
69) o-Xylene	10.646	106	3097361	908.649	ug/l	80
73) Isopropylbenzene	10.963	105	298882	30.101	ug/l	99
78) n-propylbenzene	11.305	91	911611	79.803	ug/l	97
80) 1,3,5-Trimethylbenzene	11.457	105	1943967	230.700	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	6154303	741.605	ug/l	86
86) p-Isopropyltoluene	12.012	119	46735m	5.355	ug/l	
95) Naphthalene	13.780	128	2986393	313.306	ug/l	98

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

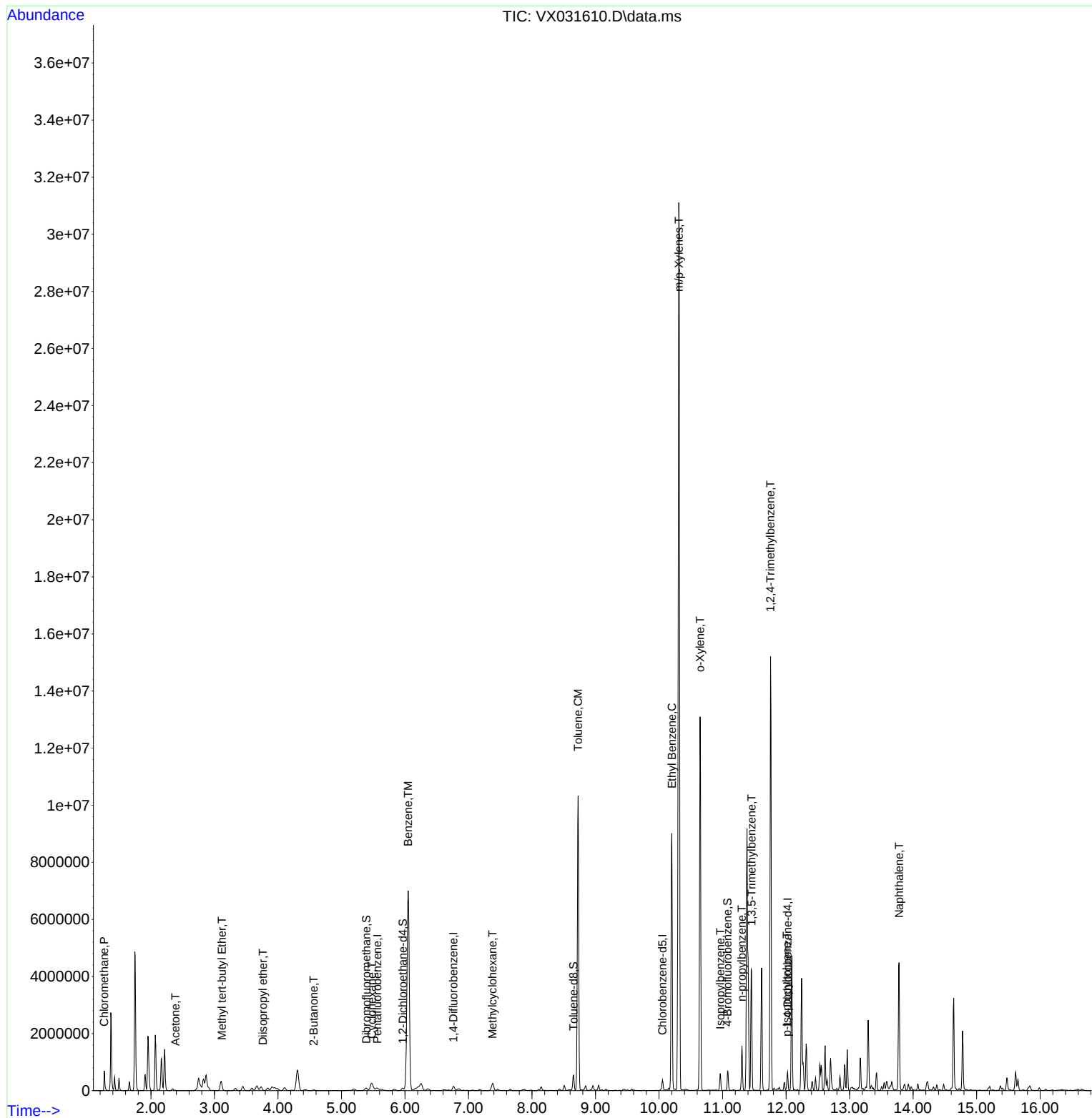
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092222\
Data File : VX031610.D
Acq On : 23 Sep 2022 08:00
Operator : JC/MD
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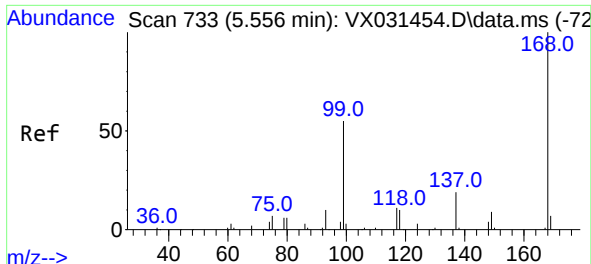
Instrument :
MSVOA_X
ClientSampleId :
DUP091322

Quant Time: Sep 23 09:21:37 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

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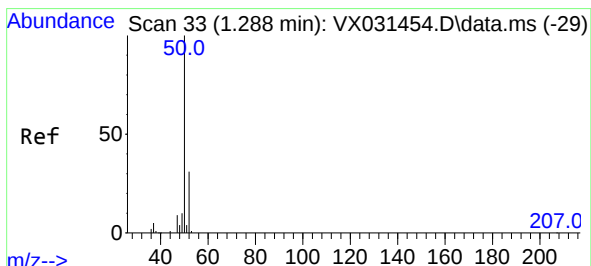
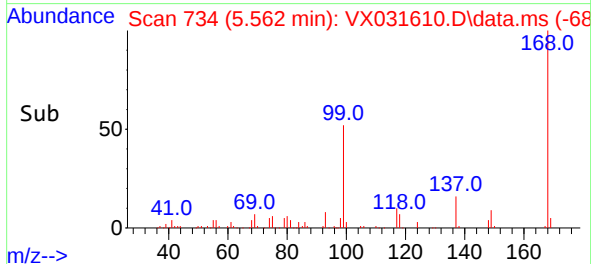
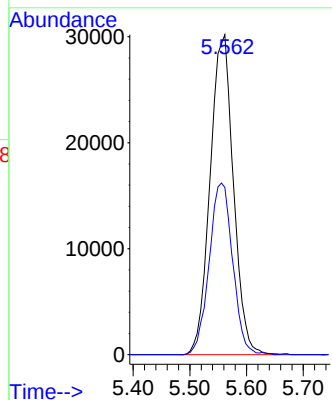
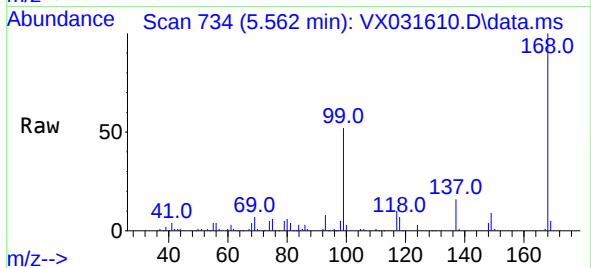
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX031610.D
Acq: 23 Sep 2022 08:00

Instrument :
MSVOA_X
ClientSampleId :
DUP091322

Tgt Ion:168 Resp: 86184
Ion Ratio Lower Upper
168 100
99 52.2 48.8 73.2

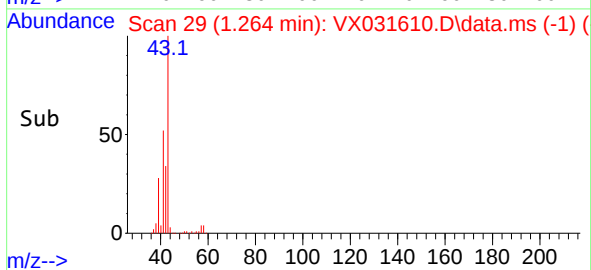
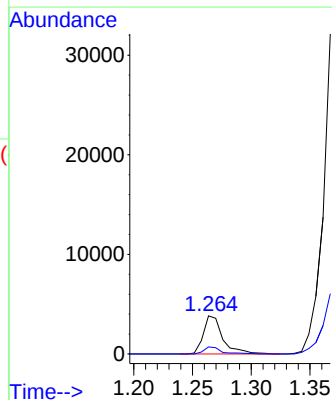
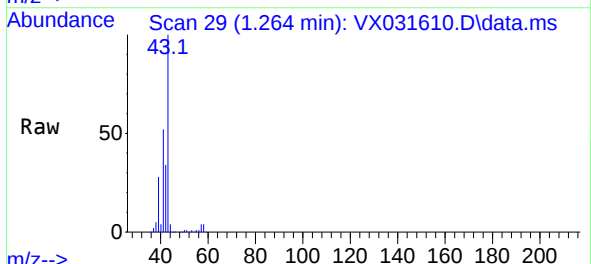
Manual Integrations
APPROVED

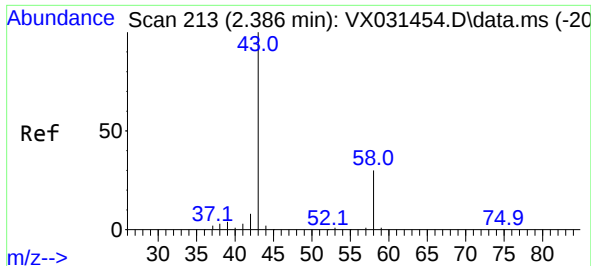
Reviewed By :Krupa Patel 09/24/2022
Supervised By :Mahesh Dadoda 09/24/2022



#3
Chloromethane
Concen: 2.663 ug/l
RT: 1.264 min Scan# 29
Delta R.T. -0.024 min
Lab File: VX031610.D
Acq: 23 Sep 2022 08:00

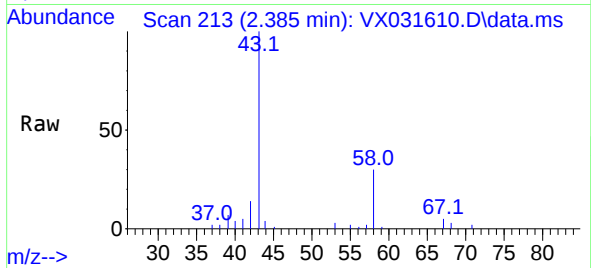
Tgt Ion: 50 Resp: 4378
Ion Ratio Lower Upper
50 100
52 18.7 26.9 40.3#





#16
Acetone
Concen: 9.580 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.001 min
Lab File: VX031610.D
Acq: 23 Sep 2022 08:00

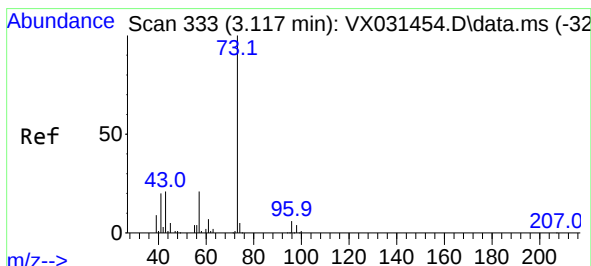
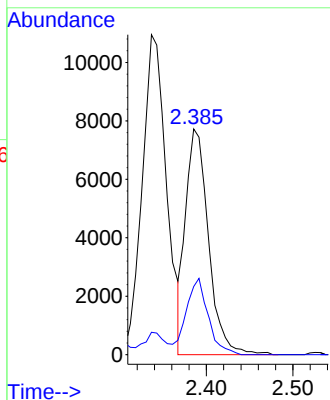
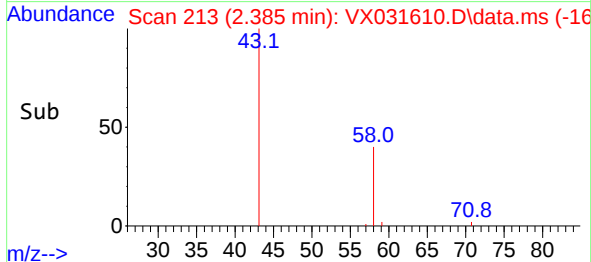
Instrument : MSVOA_X
ClientSampleId : DUP091322



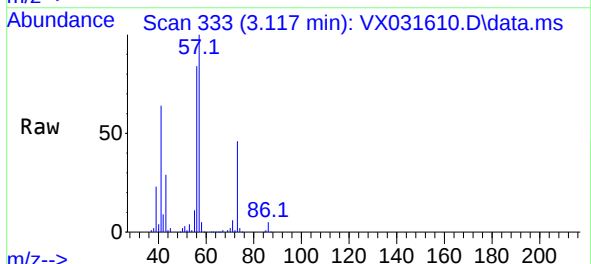
Tgt Ion: 43 Resp: 14199
Ion Ratio Lower Upper
43 100
58 30.2 23.8 35.8

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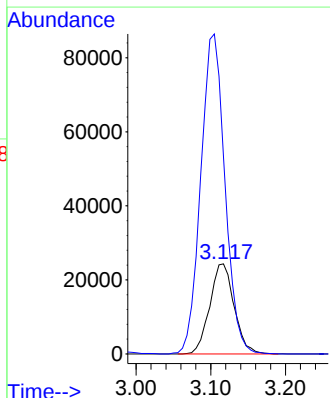
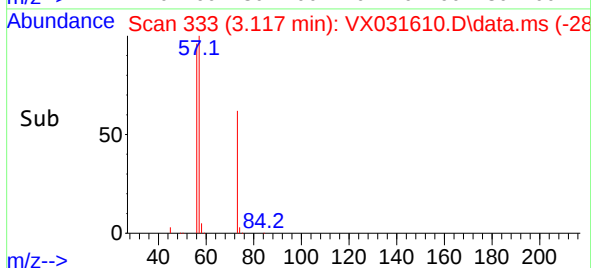
Reviewed By :Krupa Patel 09/24/2022
Supervised By :Mahesh Dadoda 09/24/2022

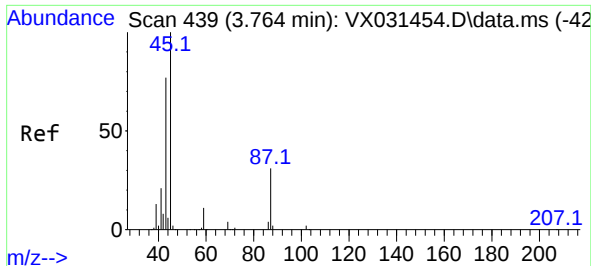


#19
Methyl tert-butyl Ether
Concen: 11.392 ug/l
RT: 3.117 min Scan# 333
Delta R.T. -0.000 min
Lab File: VX031610.D
Acq: 23 Sep 2022 08:00



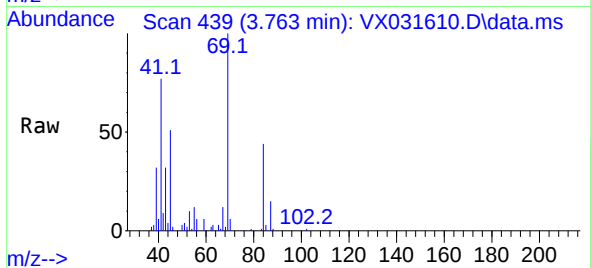
Tgt Ion: 73 Resp: 55269
Ion Ratio Lower Upper
73 100
57 218.7 17.2 25.8#





#22
Diisopropyl ether
Concen: 1.760 ug/l
RT: 3.763 min Scan# 41
Delta R.T. -0.001 min
Lab File: VX031610.D
Acq: 23 Sep 2022 08:00

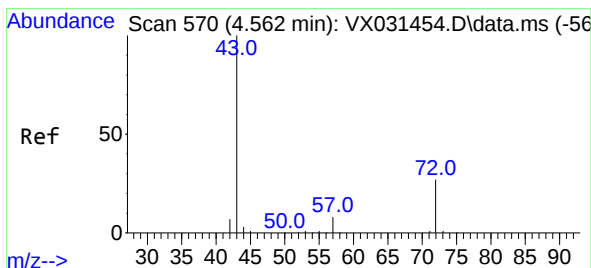
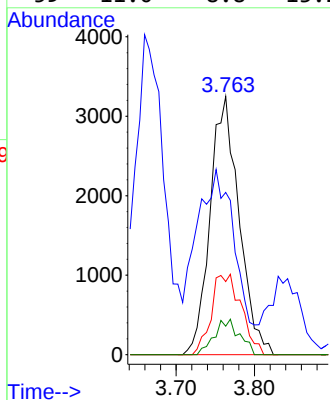
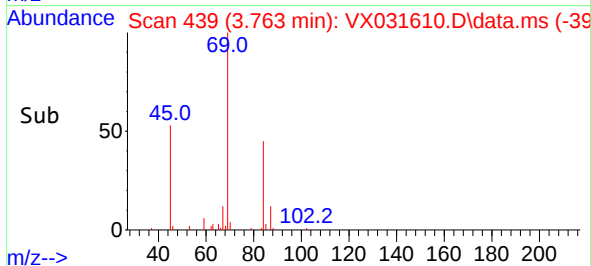
Instrument :
MSVOA_X
ClientSampleId :
DUP091322



Tgt Ion	Ratio	Lower	Upper
45	100		
43	35.5	59.0	88.6
87	28.3	22.6	33.8
59	11.0	8.8	13.2

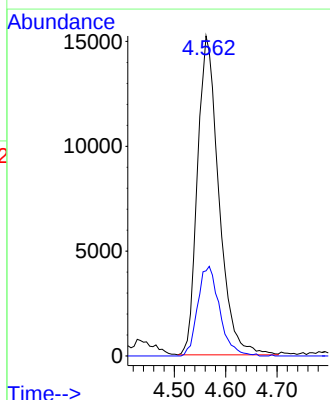
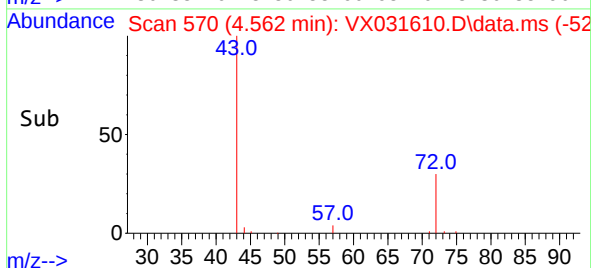
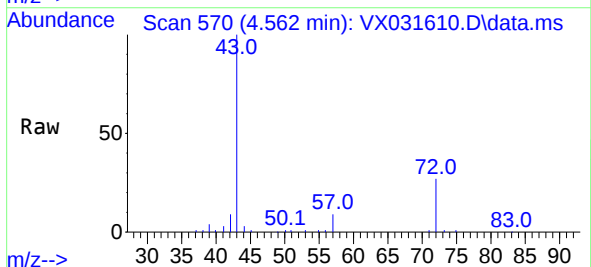
Manual Integrations
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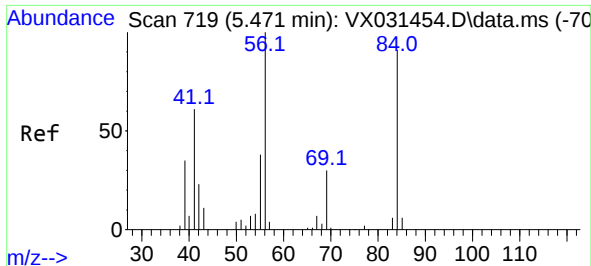
Reviewed By :Krupa Patel 09/24/2022
Supervised By :Mahesh Dadoda 09/24/2022



#25
2-Butanone
Concen: 35.989 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.000 min
Lab File: VX031610.D
Acq: 23 Sep 2022 08:00

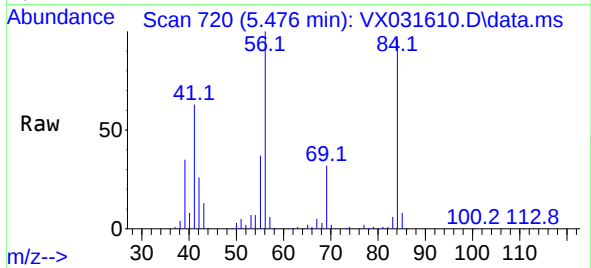
Tgt Ion	Ratio	Lower	Upper
43	100		
72	26.7	21.1	31.7





#31
Cyclohexane
Concen: 72.777 ug/l
RT: 5.476 min Scan# 719
Delta R.T. 0.005 min
Lab File: VX031610.D
Acq: 23 Sep 2022 08:00

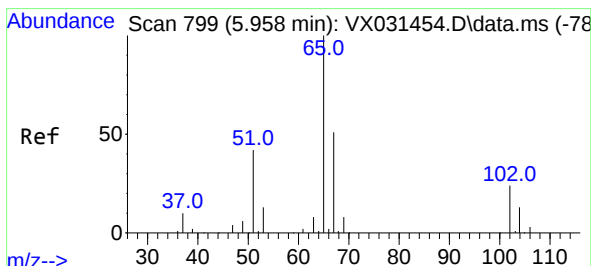
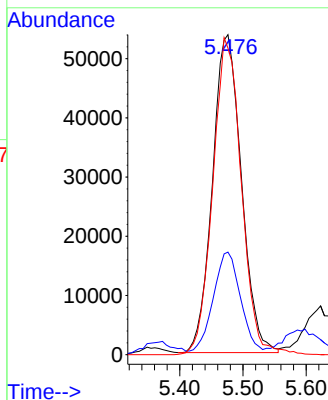
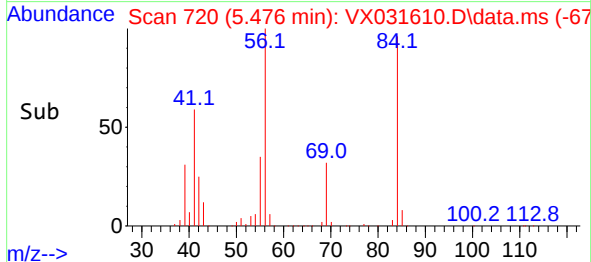
Instrument :
MSVOA_X
ClientSampleId :
DUP091322



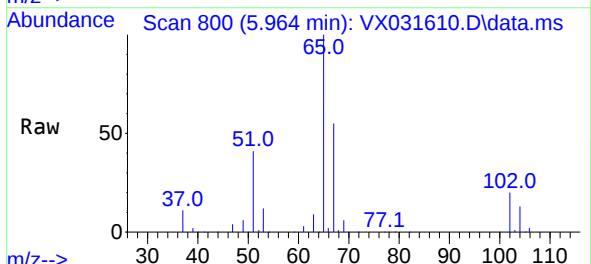
Tgt Ion: 56 Resp: 170609
Ion Ratio Lower Upper
56 100
69 30.3 25.1 37.7
84 96.3 70.2 105.4

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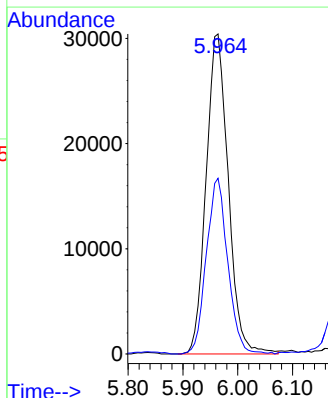
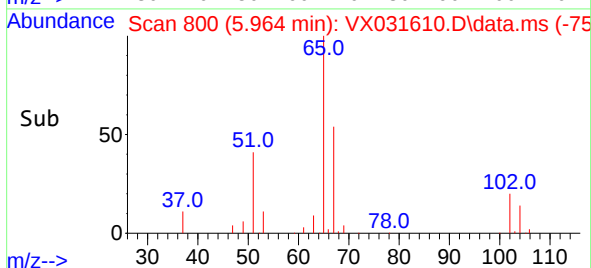
Reviewed By :Krupa Patel 09/24/2022
Supervised By :Mahesh Dadoda 09/24/2022

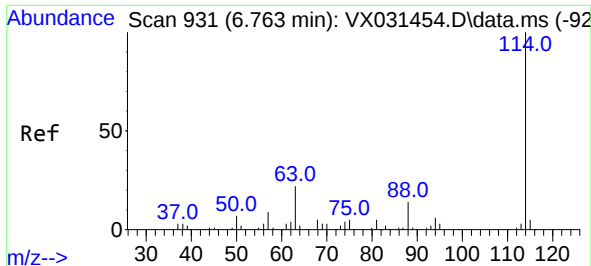


#33
1,2-Dichloroethane-d4
Concen: 53.930 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX031610.D
Acq: 23 Sep 2022 08:00



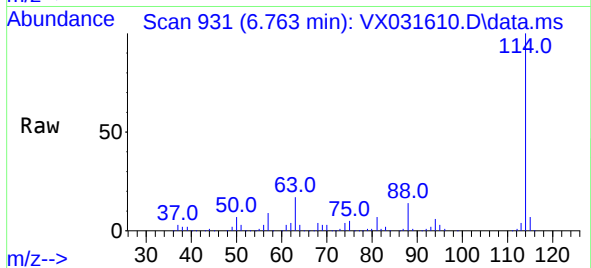
Tgt Ion: 65 Resp: 85265
Ion Ratio Lower Upper
65 100
67 53.1 0.0 102.4





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX031610.D
Acq: 23 Sep 2022 08:00

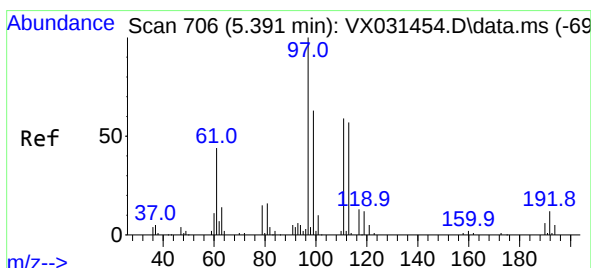
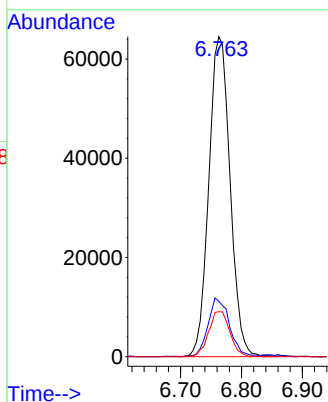
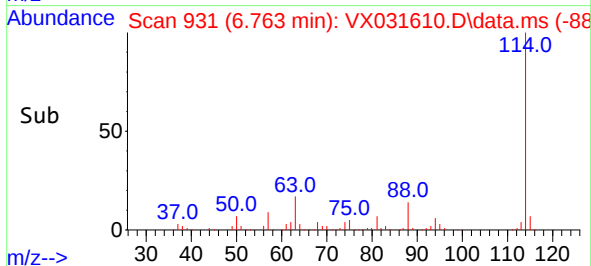
Instrument :
MSVOA_X
ClientSampleId :
DUP091322



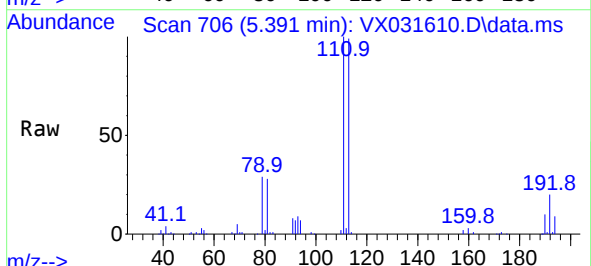
Tgt Ion:114 Resp: 156670
Ion Ratio Lower Upper
114 100
63 17.2 0.0 42.6
88 14.1 0.0 33.0

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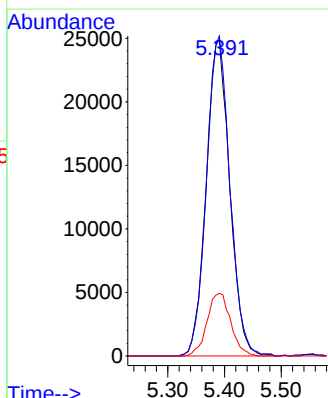
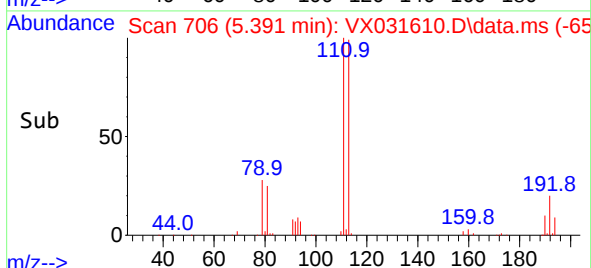
Reviewed By :Krupa Patel 09/24/2022
Supervised By :Mahesh Dadoda 09/24/2022

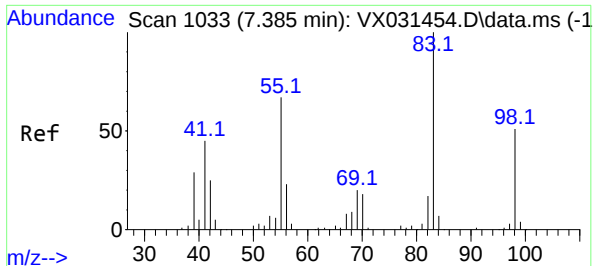


#35
Dibromofluoromethane
Concen: 44.138 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX031610.D
Acq: 23 Sep 2022 08:00



Tgt Ion:113 Resp: 71612
Ion Ratio Lower Upper
113 100
111 101.1 82.4 123.6
192 19.9 14.1 21.1





#39

Methylcyclohexane

Concen: 35.389 ug/l

RT: 7.378 min Scan# 1033

Delta R.T. -0.007 min

Lab File: VX031610.D

Acq: 23 Sep 2022 08:00

Instrument :

MSVOA_X

ClientSampleId :

DUP091322

Tgt Ion: 83 Resp: 108430

Ion Ratio Lower Upper

83 100

55 75.9 61.0 91.4

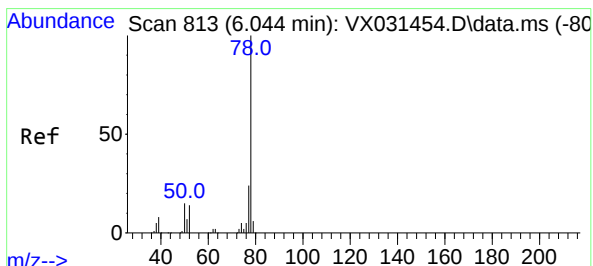
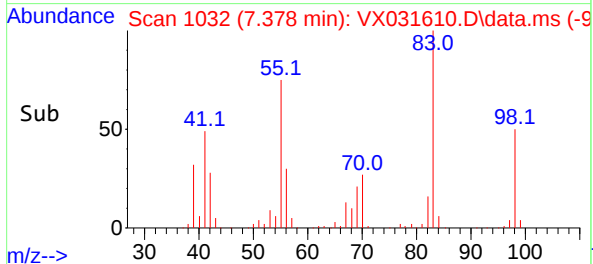
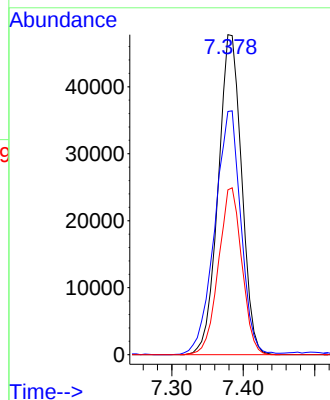
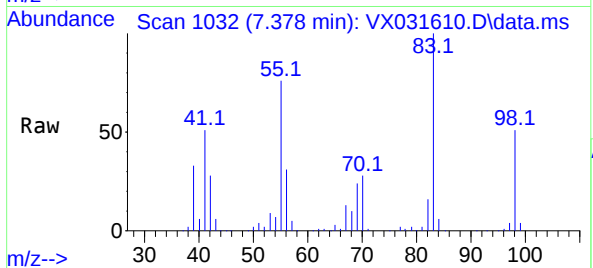
98 51.5 37.7 56.5

Manual Integrations

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Reviewed By :Krupa Patel 09/24/2022

Supervised By :Mahesh Dadoda 09/24/2022



#40

Benzene

Concen: 1093.461 ug/l

RT: 6.049 min Scan# 814

Delta R.T. 0.005 min

Lab File: VX031610.D

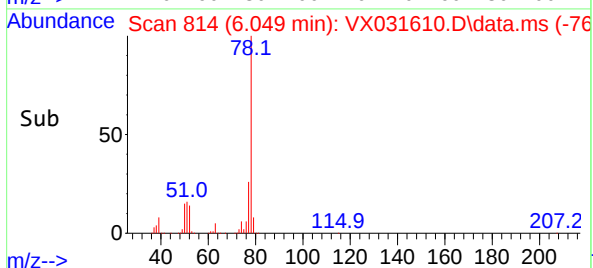
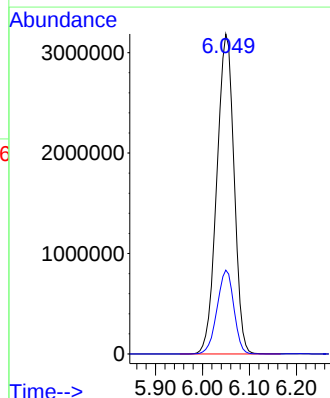
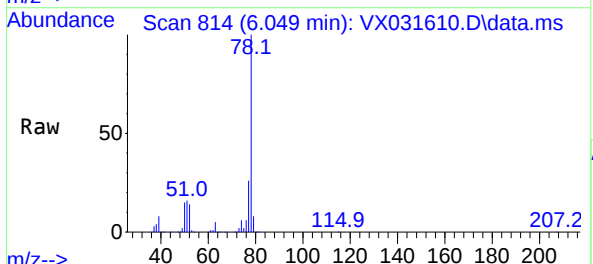
Acq: 23 Sep 2022 08:00

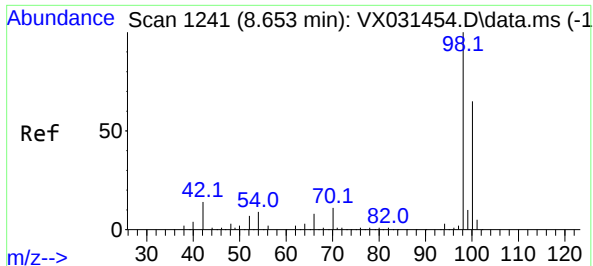
Tgt Ion: 78 Resp: 8123804

Ion Ratio Lower Upper

78 100

77 26.2 18.7 28.1





#50

Toluene-d8

Concen: 50.136 ug/l

RT: 8.653 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX031610.D

Acq: 23 Sep 2022 08:00

Instrument :

MSVOA_X

ClientSampleId :

DUP091322

Tgt Ion: 98 Resp: 31294

Ion Ratio Lower Upper

98 100

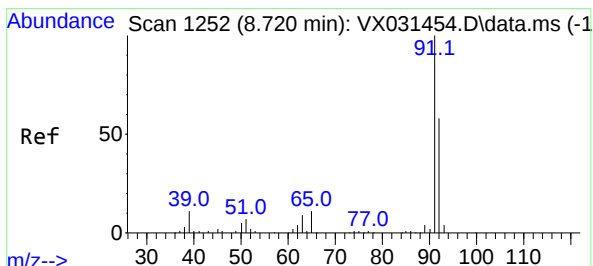
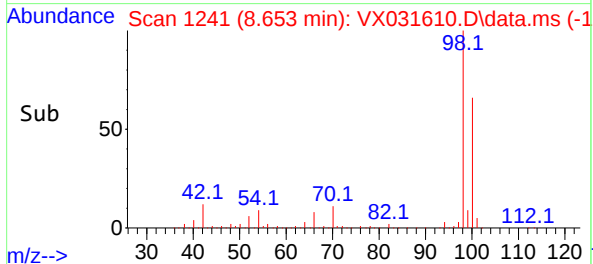
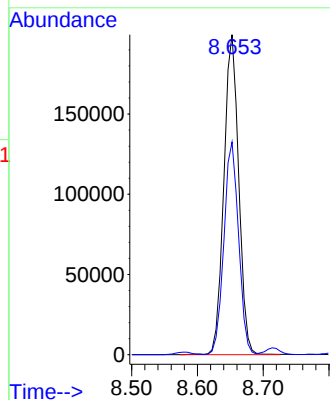
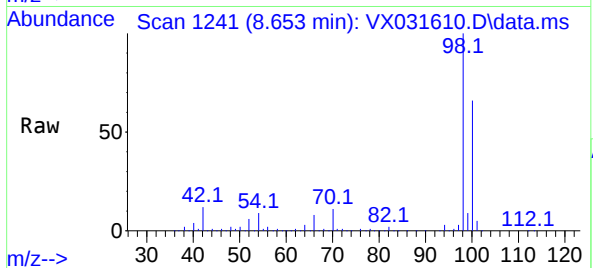
100 65.7 52.5 78.7

Manual Integrations

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Supervised By :Mahesh Dadoda 09/24/2022



#52

Toluene

Concen: 844.356 ug/l

RT: 8.726 min Scan# 1253

Delta R.T. 0.006 min

Lab File: VX031610.D

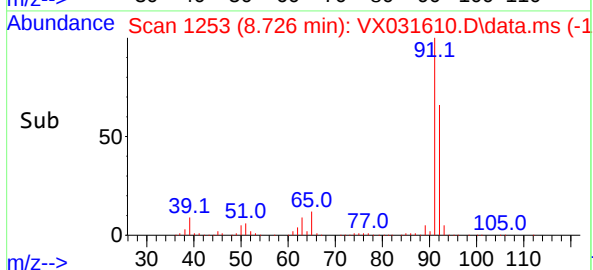
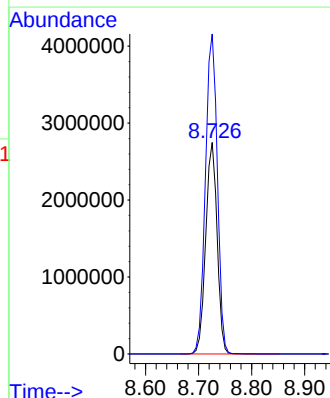
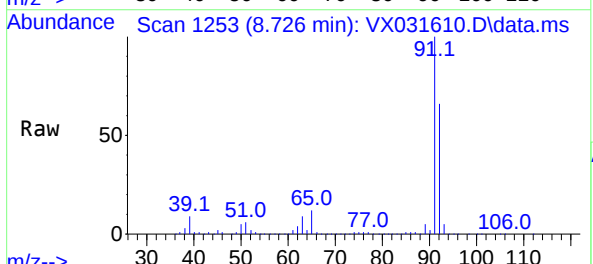
Acq: 23 Sep 2022 08:00

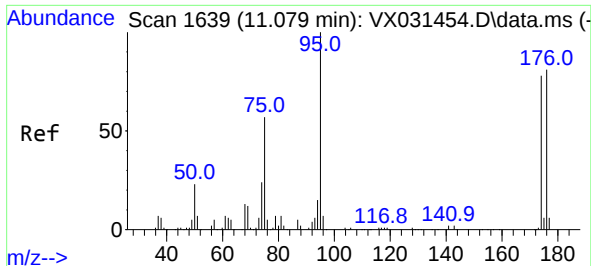
Tgt Ion: 92 Resp: 4091264

Ion Ratio Lower Upper

92 100

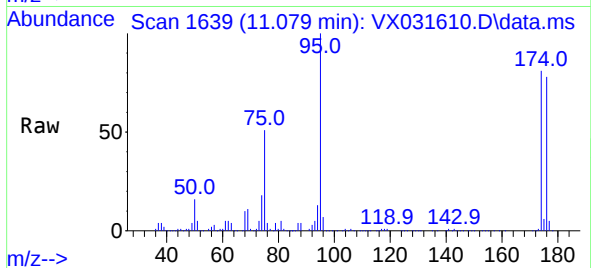
91 158.1 137.1 205.7





#62
4-Bromofluorobenzene
Concen: 85.332 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX031610.D
Acq: 23 Sep 2022 08:00

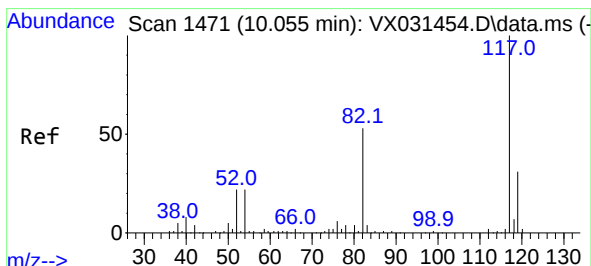
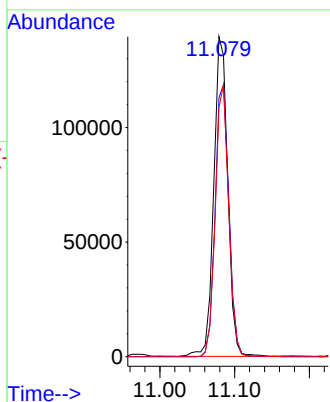
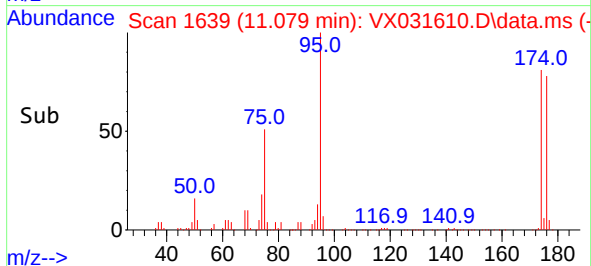
Instrument :
MSVOA_X
ClientSampleId :
DUP091322



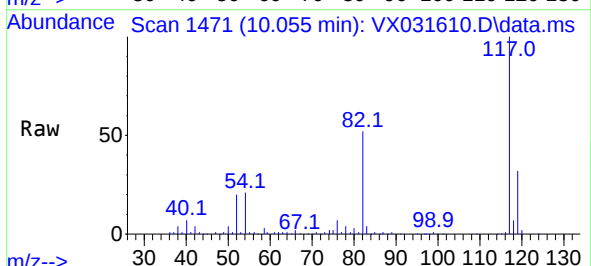
Tgt Ion: 95 Resp: 180418
Ion Ratio Lower Upper
95 100
174 84.1 0.0 153.2
176 81.8 0.0 144.0

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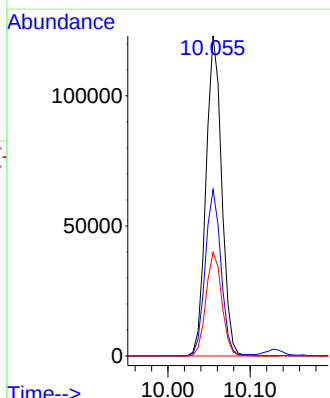
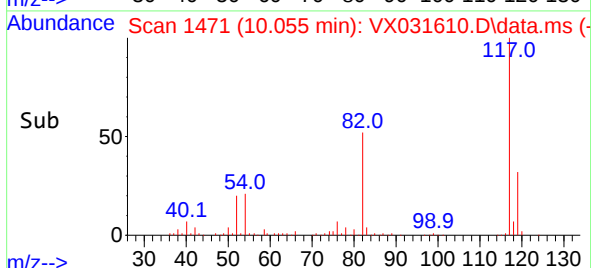
Reviewed By :Krupa Patel 09/24/2022
Supervised By :Mahesh Dadoda 09/24/2022

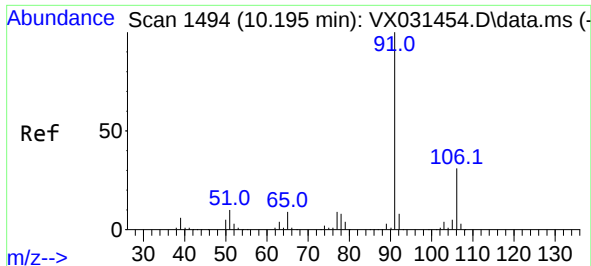


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031610.D
Acq: 23 Sep 2022 08:00



Tgt Ion:117 Resp: 163214
Ion Ratio Lower Upper
117 100
82 52.0 46.8 70.2
119 32.4 26.4 39.6





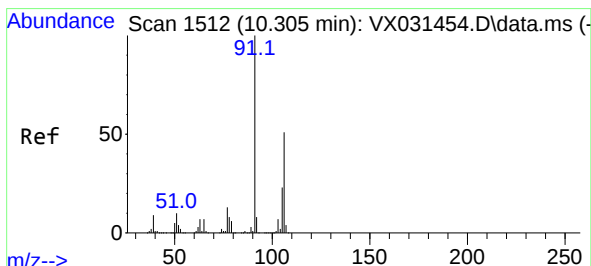
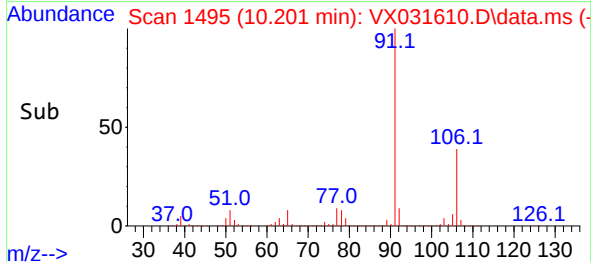
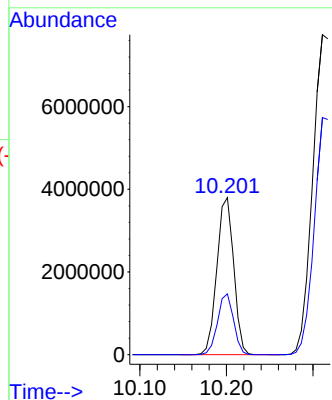
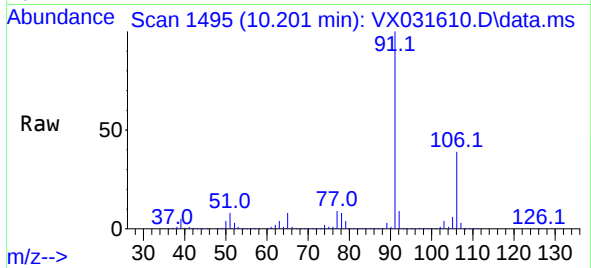
#67
Ethyl Benzene
Concen: 576.861 ug/l
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX031610.D
Acq: 23 Sep 2022 08:00

Instrument :
MSVOA_X
ClientSampleId :
DUP091322

Tgt Ion: 91 Resp: 5126369
Ion Ratio Lower Upper
91 100
106 38.7 25.2 37.8

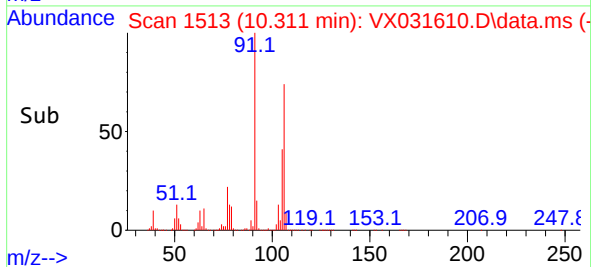
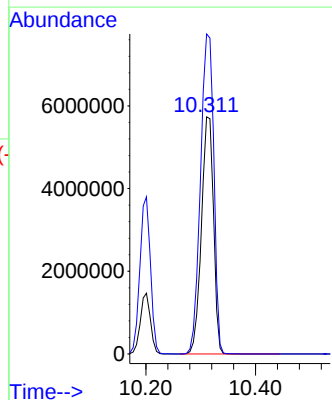
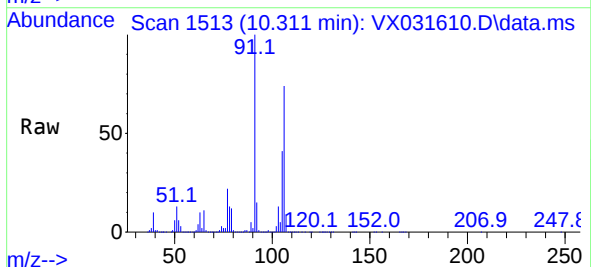
Manual Integrations
APPROVED

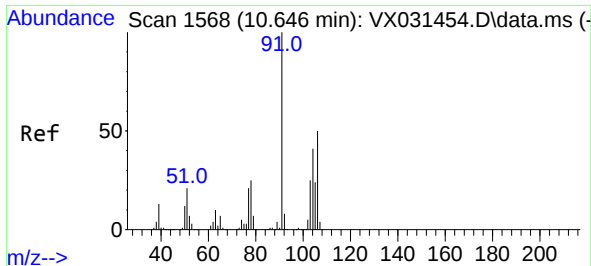
Reviewed By :Krupa Patel 09/24/2022
Supervised By :Mahesh Dadoda 09/24/2022



#68
m/p-Xylenes
Concen: 2456.245 ug/l
RT: 10.311 min Scan# 1513
Delta R.T. 0.006 min
Lab File: VX031610.D
Acq: 23 Sep 2022 08:00

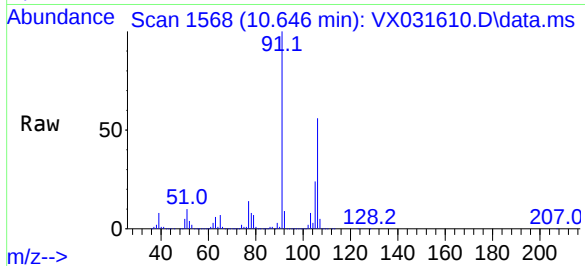
Tgt Ion:106 Resp: 8771945
Ion Ratio Lower Upper
106 100
91 148.5 161.0 241.4#





#69
o-Xylene
Concen: 908.649 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX031610.D
Acq: 23 Sep 2022 08:00

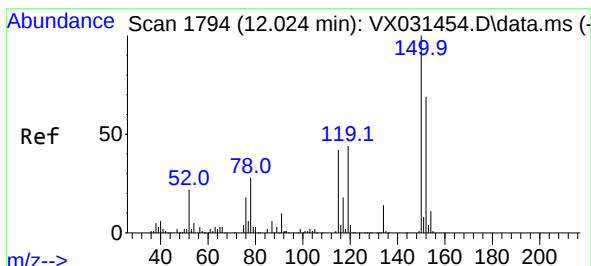
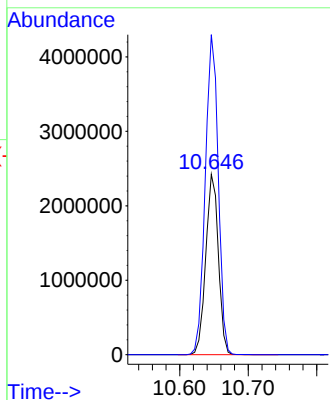
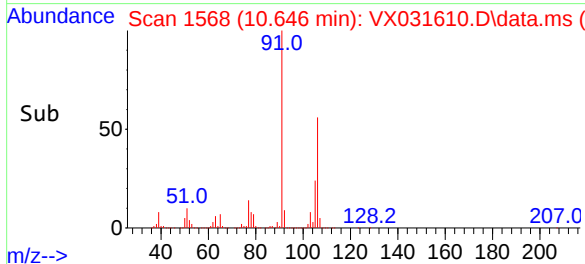
Instrument :
MSVOA_X
ClientSampleId :
DUP091322



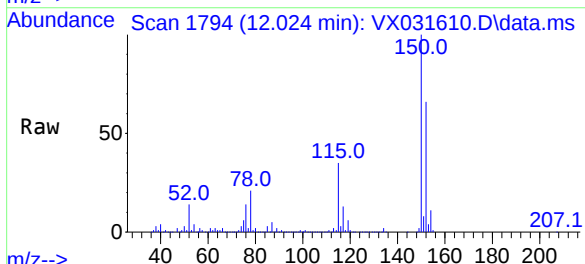
Tgt Ion:106 Resp: 309736
Ion Ratio Lower Upper
106 100
91 182.9 107.2 321.6

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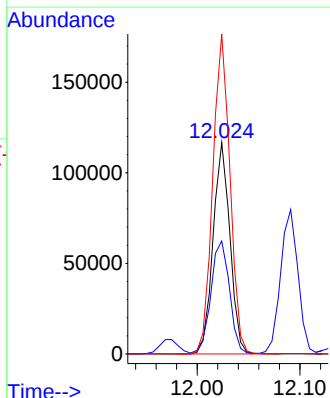
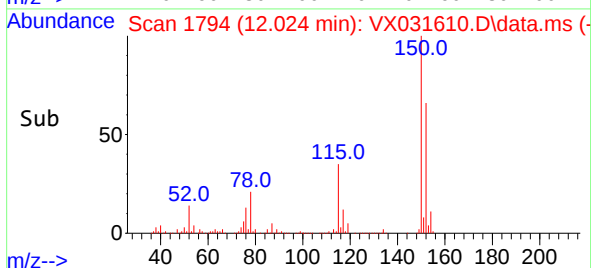
Reviewed By :Krupa Patel 09/24/2022
Supervised By :Mahesh Dadoda 09/24/2022

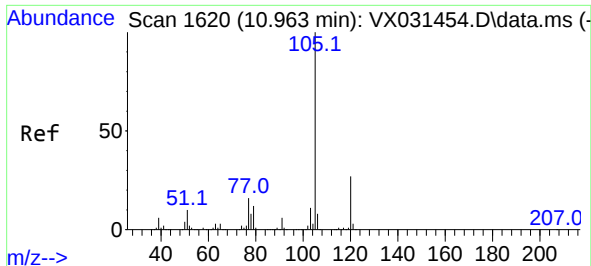


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX031610.D
Acq: 23 Sep 2022 08:00



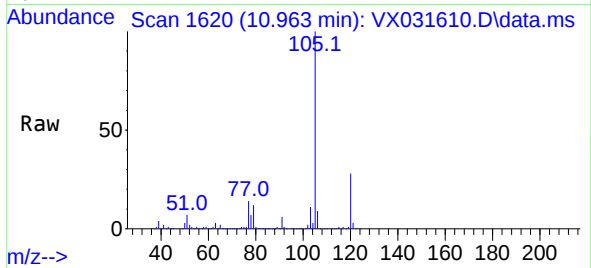
Tgt Ion:152 Resp: 132963
Ion Ratio Lower Upper
152 100
115 58.5 43.4 130.1
150 154.4 0.0 346.8





#73
Isopropylbenzene
Concen: 30.101 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX031610.D
Acq: 23 Sep 2022 08:00

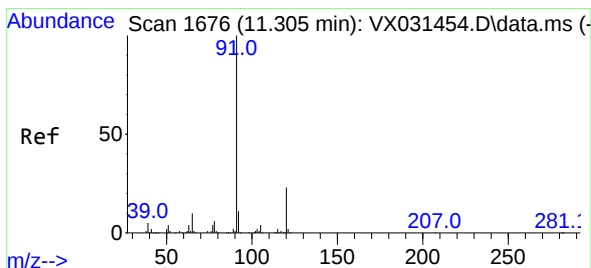
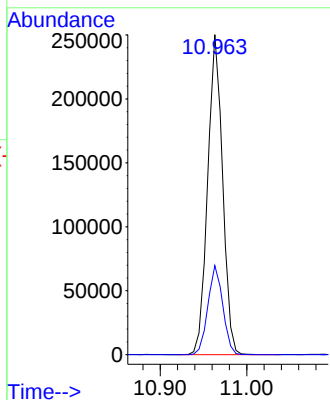
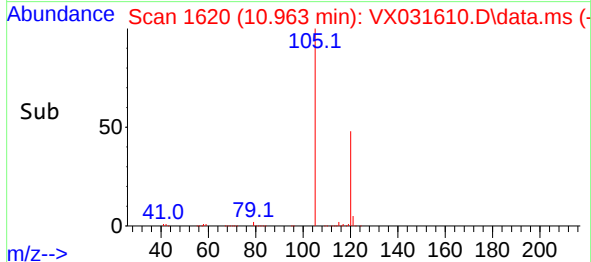
Instrument :
MSVOA_X
ClientSampleId :
DUP091322



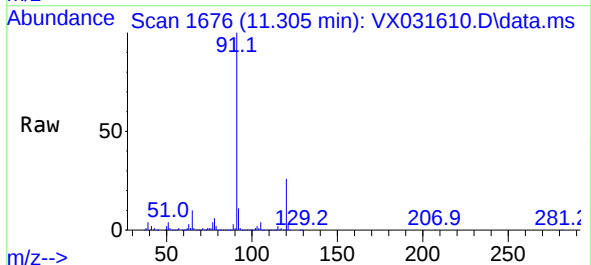
Tgt Ion: 105 Resp: 29888
Ion Ratio Lower Upper
105 100
120 27.8 13.7 41.0

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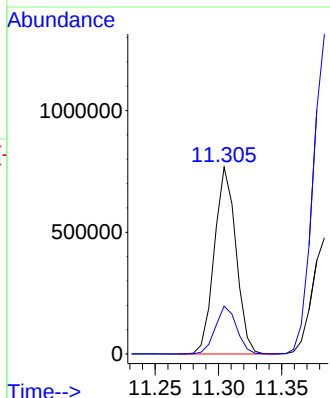
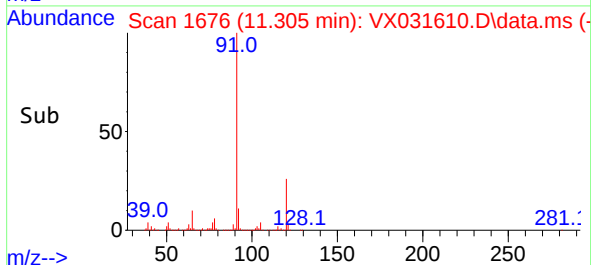
Reviewed By :Krupa Patel 09/24/2022
Supervised By :Mahesh Dadoda 09/24/2022

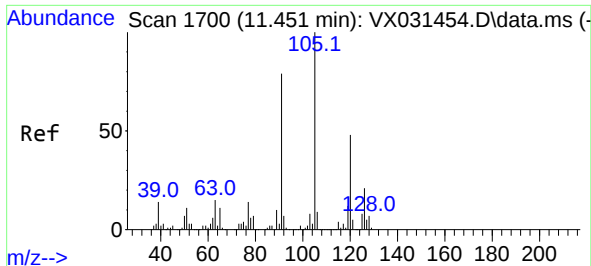


#78
n-propylbenzene
Concen: 79.803 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX031610.D
Acq: 23 Sep 2022 08:00



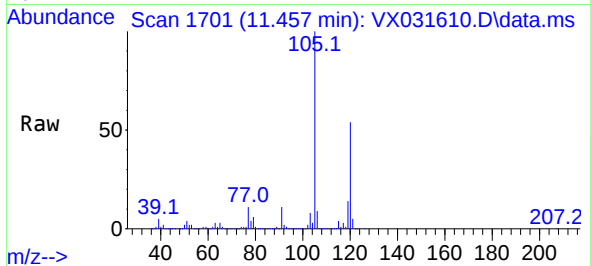
Tgt Ion: 91 Resp: 911611
Ion Ratio Lower Upper
91 100
120 25.1 11.8 35.4





#80
1,3,5-Trimethylbenzene
Concen: 230.700 ug/l
RT: 11.457 min Scan# 1700
Delta R.T. 0.006 min
Lab File: VX031610.D
Acq: 23 Sep 2022 08:00

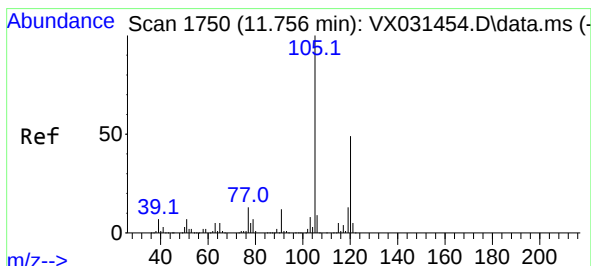
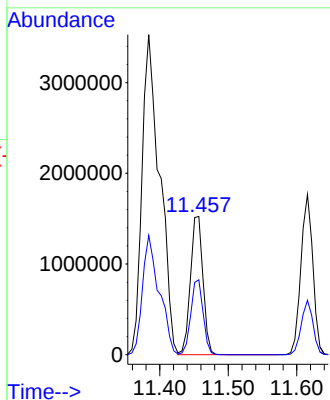
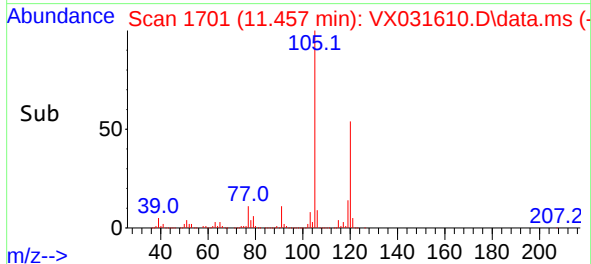
Instrument :
MSVOA_X
ClientSampleId :
DUP091322



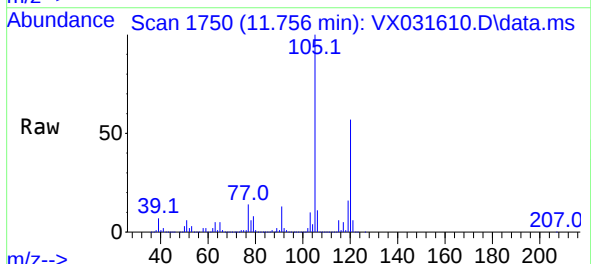
Tgt Ion:105 Resp: 194396
Ion Ratio Lower Upper
105 100
120 53.1 24.5 73.5

Manual Integrations
APPROVED

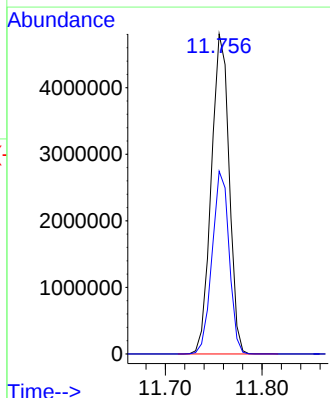
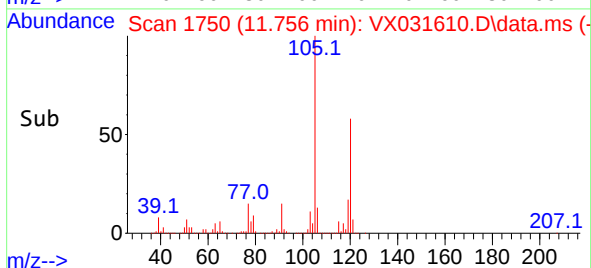
Reviewed By :Krupa Patel 09/24/2022
Supervised By :Mahesh Dadoda 09/24/2022

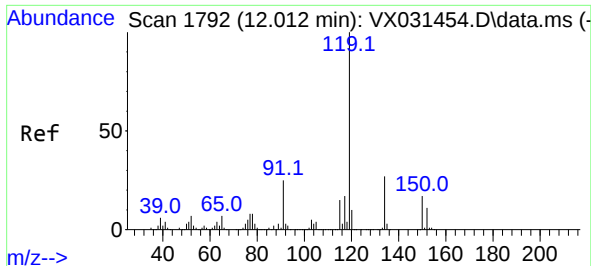


#84
1,2,4-Trimethylbenzene
Concen: 741.605 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX031610.D
Acq: 23 Sep 2022 08:00



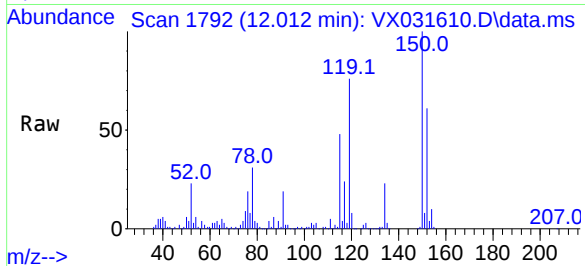
Tgt Ion:105 Resp: 6154303
Ion Ratio Lower Upper
105 100
120 54.5 22.6 67.8





#86
p-Isopropyltoluene
Concen: 5.355 ug/l m
RT: 12.012 min Scan# 119
Delta R.T. -0.000 min
Lab File: VX031610.D
Acq: 23 Sep 2022 08:00

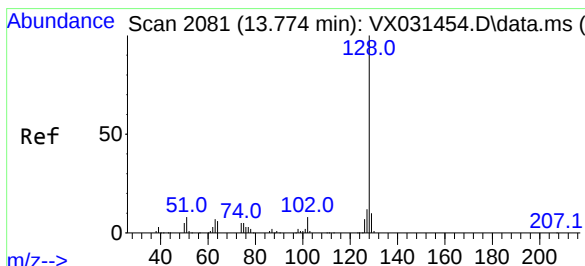
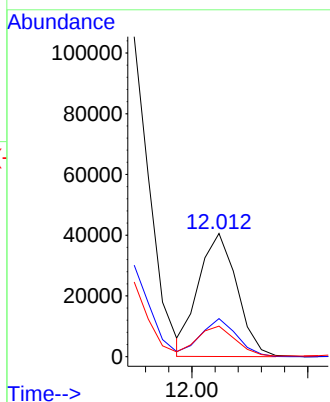
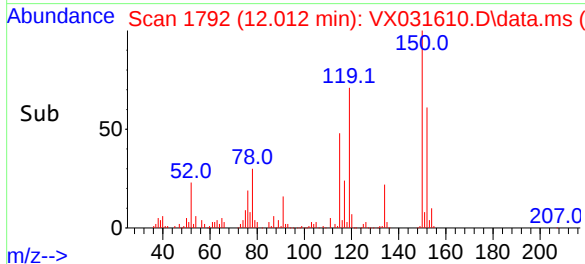
Instrument :
MSVOA_X
ClientSampleId :
DUP091322



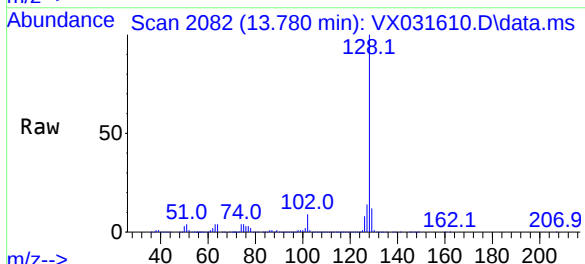
Tgt Ion:119 Resp: 46735
Ion Ratio Lower Upper
119 100
134 80.2 13.4 40.2
91 64.5 12.4 37.2

Manual Integrations
APPROVED

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



#95
Naphthalene
Concen: 313.306 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX031610.D
Acq: 23 Sep 2022 08:00



Tgt Ion:128 Resp: 2986393
Ion Ratio Lower Upper
128 100
127 13.5 10.4 15.6
129 11.6 8.8 13.2

