

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111722\
 Data File : VU051890.D
 Acq On : 17 Nov 2022 12:40
 Operator : JC/MD
 Sample : MDL06
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL06

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/18/2022
 Supervised By :Mahesh Dadoda 11/18/2022

Quant Time: Nov 18 01:15:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM111522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 18 00:53:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	465160	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	465366	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	191242	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	97776	42.816	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	85.640%		
7) Chloroethane-d5	1.903	69	104727	45.772	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	91.540%		
11) 1,1-Dichloroethene-d2	2.562	63	125701	30.696	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	61.400%		
21) 2-Butanone-d5	4.616	46	246533	94.940	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	94.940%		
24) Chloroform-d	5.060	84	262435	45.844	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.680%		
26) 1,2-Dichloroethane-d4	5.697	65	166249	47.442	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.880%		
32) Benzene-d6	5.722	84	467866	48.218	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.440%		
36) 1,2-Dichloropropane-d6	6.687	67	177272	49.082	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	98.160%		
41) Toluene-d8	7.896	98	353983	44.446	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.900%		
43) trans-1,3-Dichloroprop...	8.176	79	64388	44.757	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.520%		
47) 2-Hexanone-d5	8.629	63	167735	91.379	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	91.380%		
56) 1,1,2,2-Tetrachloroeth...	10.751	84	322002	45.808	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	91.620%		
66) 1,2-Dichlorobenzene-d4	12.192	152	175518	52.152	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	104.300%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	6427	2.250	ug/L	93
3) Chloromethane	1.523	50	9846	2.596	ug/L	100
5) Vinyl chloride	1.604	62	9173	2.332	ug/L #	17
6) Bromomethane	1.838	94	4128	2.422	ug/L	94
8) Chloroethane	1.925	64	5688	2.224	ug/L	89
9) Trichlorofluoromethane	2.134	101	11355	2.411	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	7898	2.661	ug/L	96
12) 1,1-Dichloroethene	2.575	96	7603	2.743	ug/L #	1
13) Acetone	2.623	43	11587	4.171	ug/L	71
14) Carbon disulfide	2.790	76	18341	2.388	ug/L	99
15) Methyl Acetate	2.948	43	8140	2.149	ug/L	96
16) Methylene chloride	3.044	84	13297	3.005	ug/L	94
17) trans-1,2-Dichloroethene	3.353	96	6941	2.323	ug/L	86
18) Methyl tert-butyl Ether	3.359	73	19920	2.154	ug/L	99
19) 1,1-Dichloroethane	3.867	63	13916	2.289	ug/L	97
20) cis-1,2-Dichloroethene	4.661	96	8110	2.326	ug/L	94
22) 2-Butanone	4.713	43	13551m	4.319	ug/L	
23) Bromochloromethane	4.973	128	4410	2.292	ug/L	93
27) 1,2-Dichloroethane	5.793	62	11186m	2.386	ug/L	

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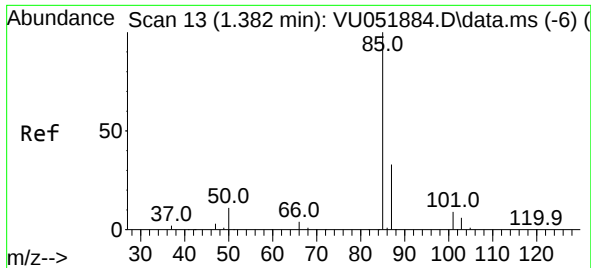
Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	5.385	56	8836	2.225	ug/L	95
30) 1,1,1-Trichloroethane	5.314	97	11091	2.357	ug/L	98
31) Carbon tetrachloride	5.523	117	9766	2.483	ug/L	97
33) Benzene	5.774	78	31893	2.383	ug/L	100
35) Methylcyclohexane	6.758	83	9467	2.202	ug/L	98
37) 1,2-Dichloropropane	6.790	63	8605	2.270	ug/L	99
38) Bromodichloromethane	7.102	83	10673	2.251	ug/L #	97
39) cis-1,3-Dichloropropene	7.607	75	11051	2.229	ug/L	98
40) 4-Methyl-2-pentanone	7.790	43	19048	3.816	ug/L	96
42) Toluene	7.967	91	30210	2.194	ug/L	98
44) trans-1,3-Dichloropropene	8.208	75	11119m	2.340	ug/L	
45) 1,1,2-Trichloroethane	8.401	97	8470	2.199	ug/L	96
46) Tetrachloroethene	8.549	164	5443	2.149	ug/L	94
49) Dibromochloromethane	8.806	129	8838	2.225	ug/L	91
50) 1,2-Dibromoethane	8.922	107	8509	2.194	ug/L	98
51) Chlorobenzene	9.446	112	21057	2.238	ug/L	97
52) Ethylbenzene	9.568	91	27628	1.961	ug/L	98
53) m,p-Xylene	9.693	106	9902	1.815	ug/L	86
54) o-Xylene	10.098	106	9331	1.681	ug/L	92
55) Styrene	10.115	104	15034	1.570	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	16684	2.292	ug/L	97
59) Bromoform	10.291	173	6683	2.577	ug/L	97
60) 1,2,3-Trichloropropane	10.819	75	11984	2.620	ug/L	98
61) Isopropylbenzene	10.481	105	22718	2.033	ug/L	98
62) 1,3,5-Trimethylbenzene	11.086	105	16746	1.839	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	15594	1.752	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	12300	2.171	ug/L	97
65) 1,4-Dichlorobenzene	11.835	146	13972	2.435	ug/L	92
67) 1,2-Dichlorobenzene	12.211	146	14928	2.478	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.992	75	3064	2.616	ug/L	86
69) 1,3,5-Trichlorobenzene	13.217	180	9192	2.446	ug/L	91
70) 1,2,4-trichlorobenzene	13.841	180	6482	2.176	ug/L	98
71) Naphthalene	14.089	128	16941m	1.729	ug/L	

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



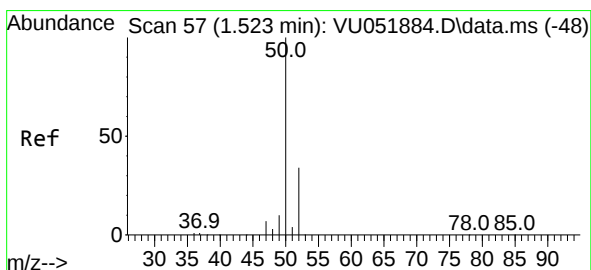
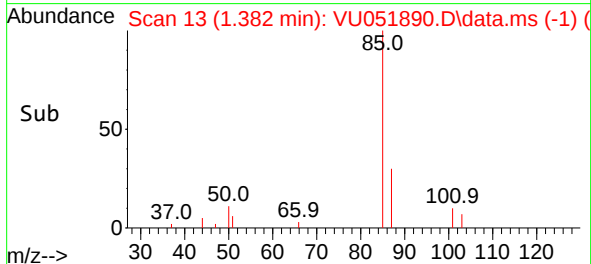
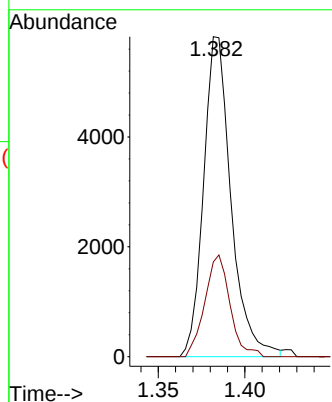
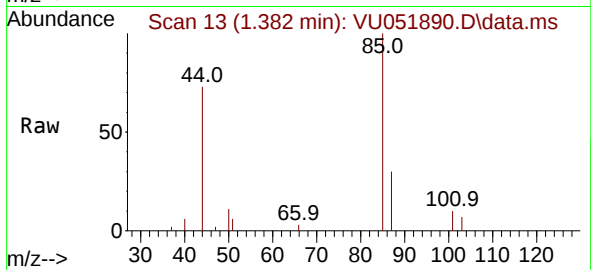
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 Dichlorodifluoromethane
 Concen: 2.250 ug/L
 RT: 1.382 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VU051890.D
 Acq: 17 Nov 2022 12:40

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL06

Tgt Ion: 85 Resp: 642
 Ion Ratio Lower Upper
 85 100
 87 28.7 26.0 39.0

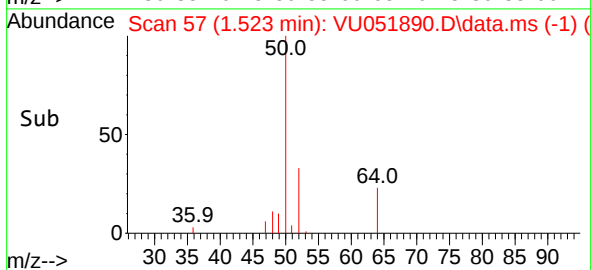
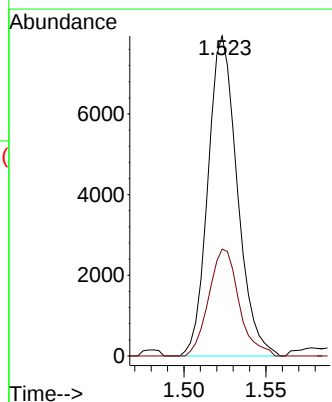
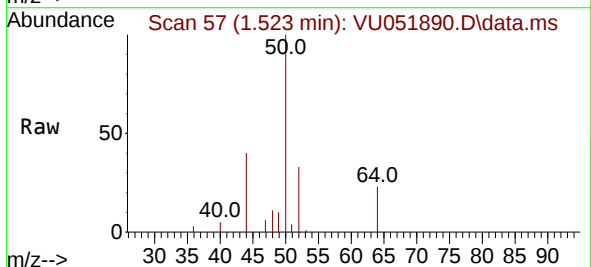
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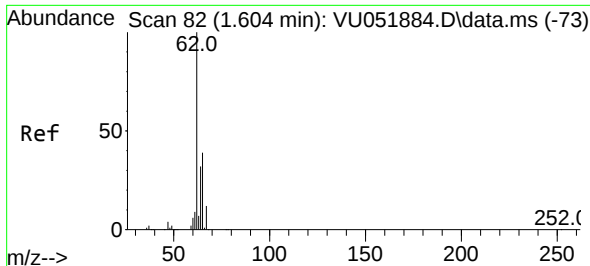
Reviewed By :Krupa Patel 11/18/2022
 Supervised By :Mahesh Dadoda 11/18/2022



#3
 Chloromethane
 Concen: 2.596 ug/L
 RT: 1.523 min Scan# 57
 Delta R.T. -0.000 min
 Lab File: VU051890.D
 Acq: 17 Nov 2022 12:40

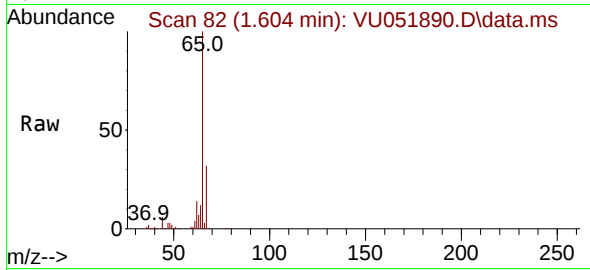
Tgt Ion: 50 Resp: 9846
 Ion Ratio Lower Upper
 50 100
 52 33.4 23.4 43.6





#5
 Vinyl chloride
 Concen: 2.332 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU051890.D
 Acq: 17 Nov 2022 12:40

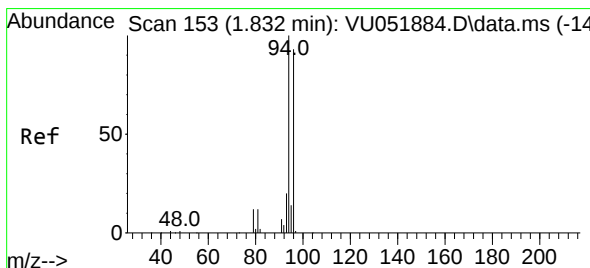
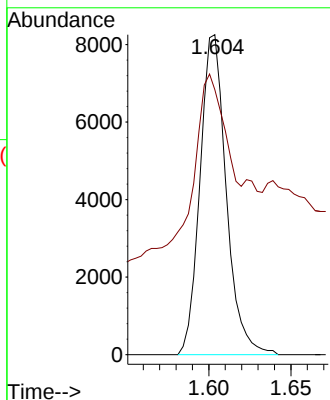
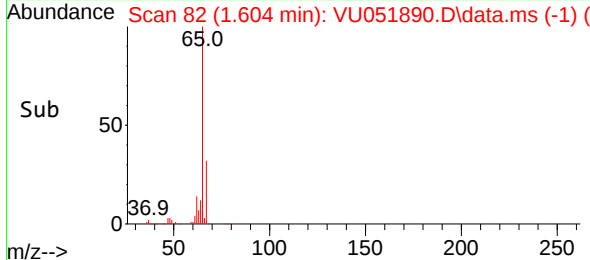
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL06



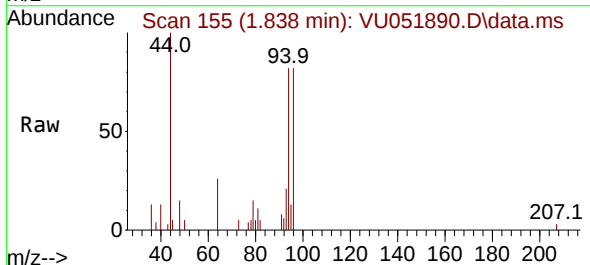
Tgt Ion: 62 Resp: 917
 Ion Ratio Lower Upper
 62 100
 64 82.8 24.3 45.1

Manual Integrations
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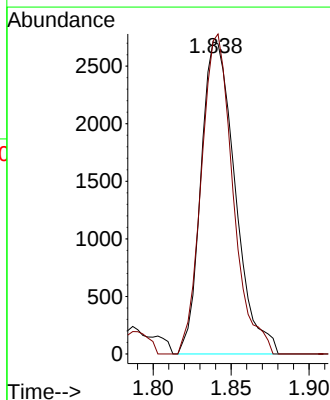
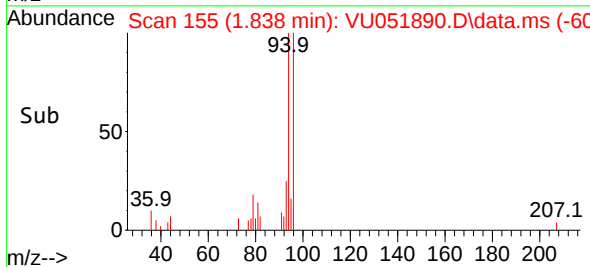
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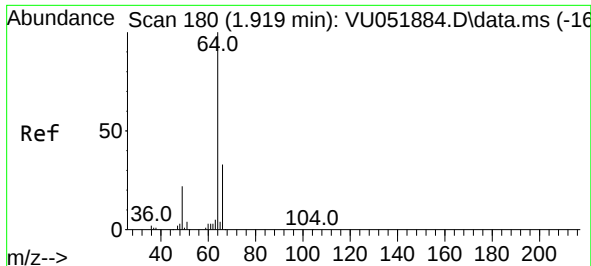


#6
 Bromomethane
 Concen: 2.422 ug/L
 RT: 1.838 min Scan# 155
 Delta R.T. 0.006 min
 Lab File: VU051890.D
 Acq: 17 Nov 2022 12:40



Tgt Ion: 94 Resp: 4128
 Ion Ratio Lower Upper
 94 100
 96 100.3 66.1 122.7





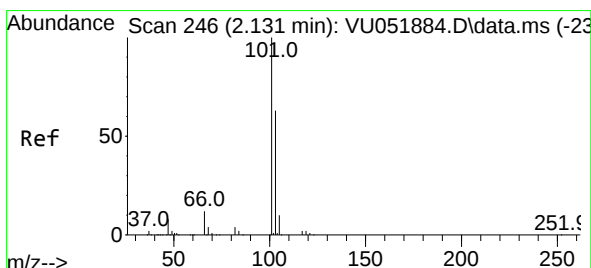
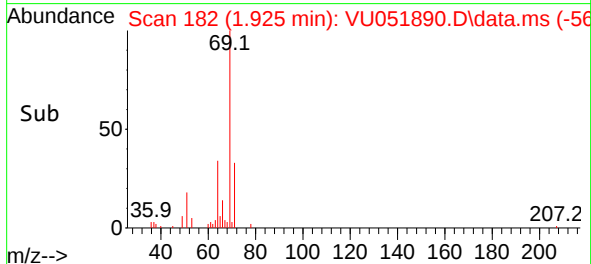
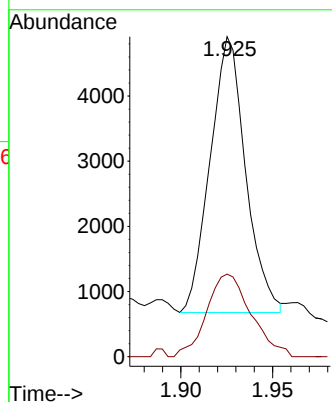
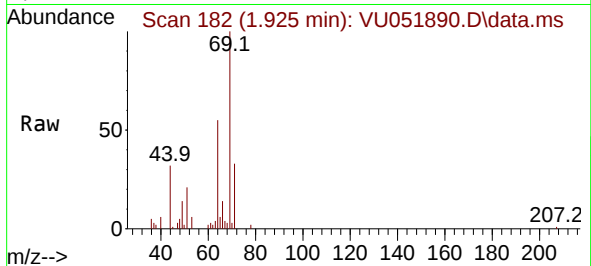
#8
Chloroethane
Concen: 2.224 ug/L
RT: 1.925 min Scan# 11
Delta R.T. 0.006 min
Lab File: VU051890.D
Acq: 17 Nov 2022 12:40

Instrument :
MSVOA_U
ClientSampleId :
MDL06

Tgt Ion: 64 Resp: 568
Ion Ratio Lower Upper
64 100
66 25.8 22.4 41.6

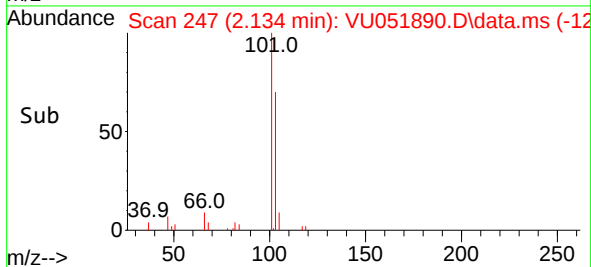
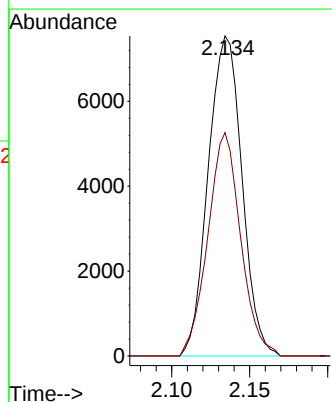
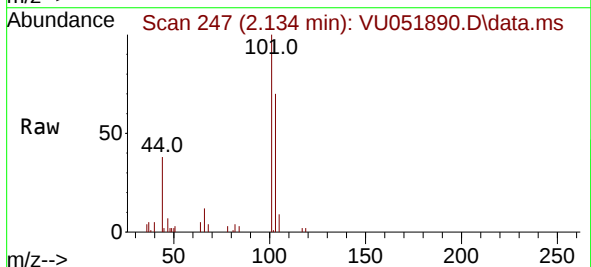
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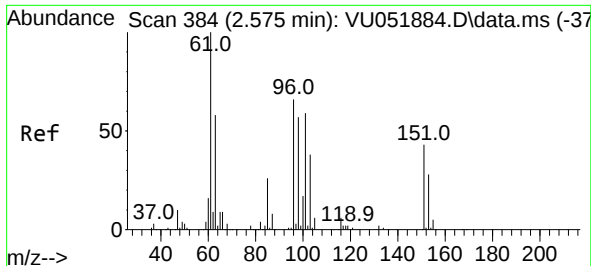
Reviewed By :Krupa Patel 11/18/2022
Supervised By :Mahesh Dadoda 11/18/2022



#9
Trichlorofluoromethane
Concen: 2.411 ug/L
RT: 2.134 min Scan# 247
Delta R.T. 0.003 min
Lab File: VU051890.D
Acq: 17 Nov 2022 12:40

Tgt Ion:101 Resp: 11355
Ion Ratio Lower Upper
101 100
103 67.9 51.4 77.2





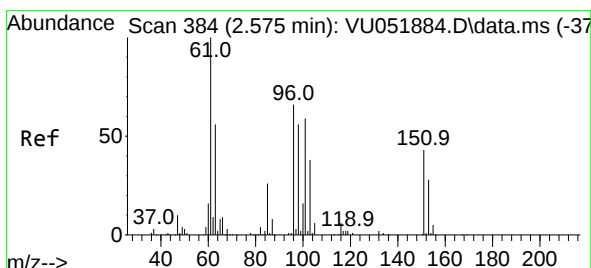
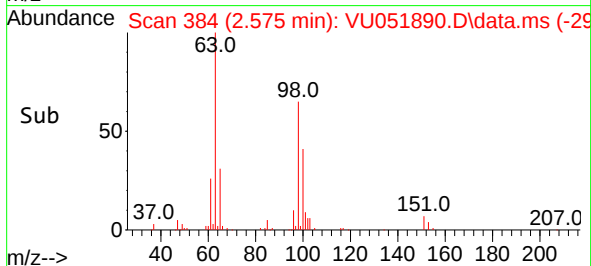
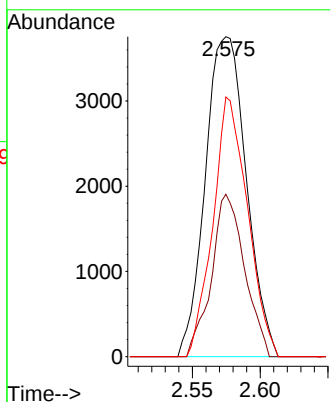
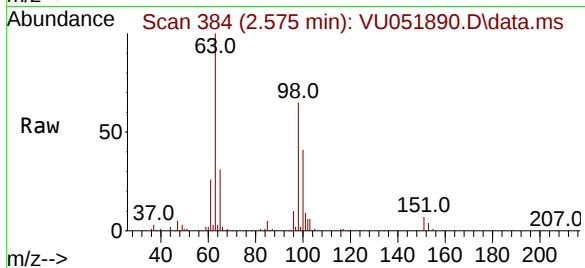
#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.661 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.000 min
 Lab File: VU051890.D
 Acq: 17 Nov 2022 12:40

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL06

Tgt Ion: 101 Resp: 7898
 Ion Ratio Lower Upper
 101 100
 85 41.0 34.2 51.2
 151 68.7 58.3 87.5

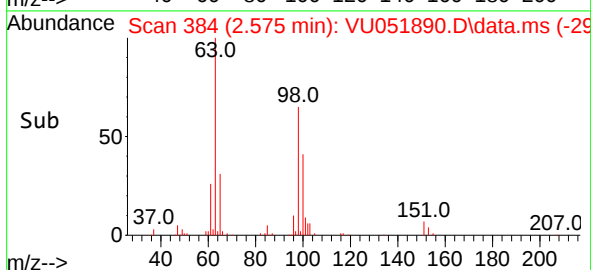
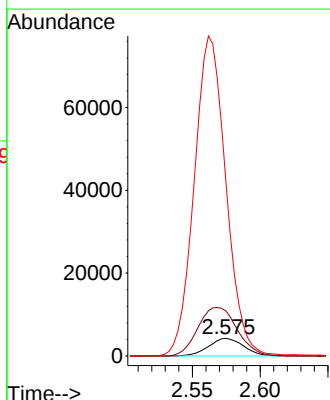
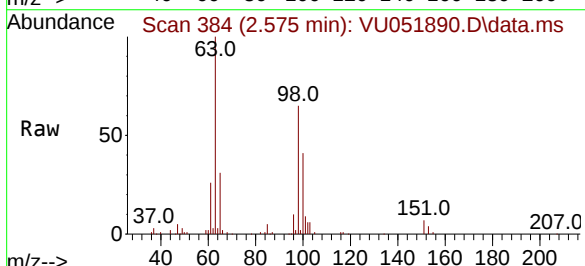
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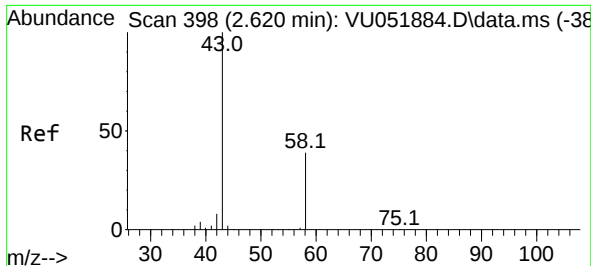
Reviewed By :Krupa Patel 11/18/2022
 Supervised By :Mahesh Dadoda 11/18/2022



#12
 1,1-Dichloroethene
 Concen: 2.743 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.000 min
 Lab File: VU051890.D
 Acq: 17 Nov 2022 12:40

Tgt Ion: 96 Resp: 7603
 Ion Ratio Lower Upper
 96 100
 61 254.9 110.7 205.5#
 63 992.8 68.6 127.4#





#13

Acetone

Concen: 4.171 ug/L

RT: 2.623 min Scan# 398

Delta R.T. 0.003 min

Lab File: VU051890.D

Acq: 17 Nov 2022 12:40

Instrument :

MSVOA_U

ClientSampleId :

MDL06

Tgt Ion: 43 Resp: 1158

Ion Ratio Lower Upper

43 100

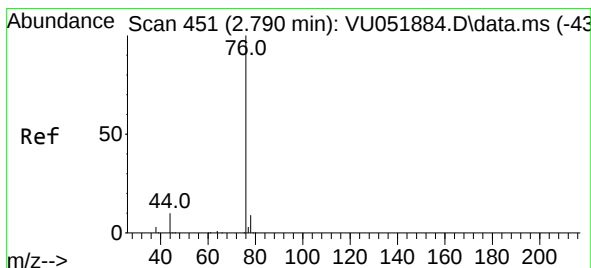
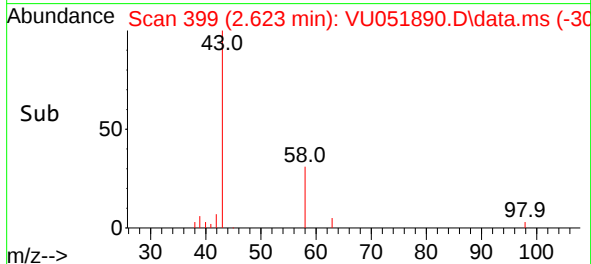
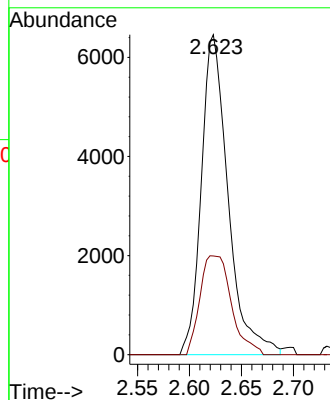
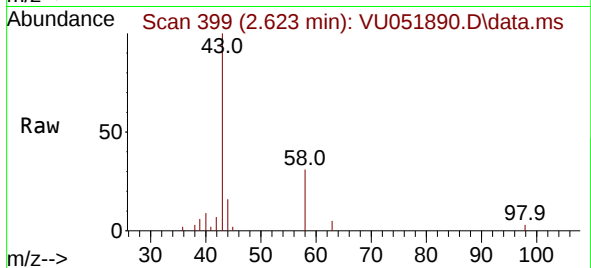
58 20.2 0.0 75.4

Manual Integrations

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Reviewed By :Krupa Patel 11/18/2022

Supervised By :Mahesh Dadoda 11/18/2022



#14

Carbon disulfide

Concen: 2.388 ug/L

RT: 2.790 min Scan# 451

Delta R.T. -0.000 min

Lab File: VU051890.D

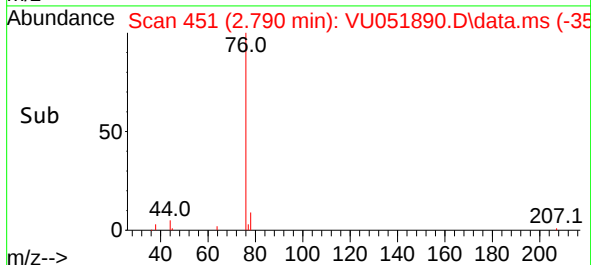
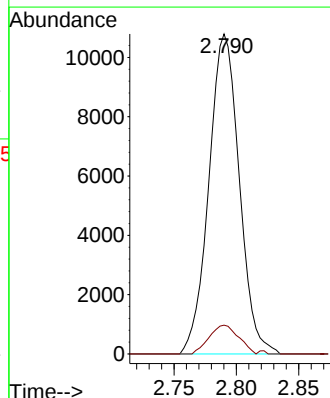
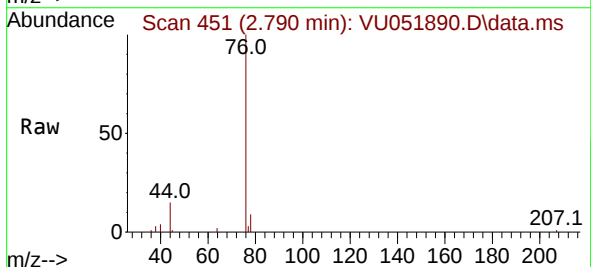
Acq: 17 Nov 2022 12:40

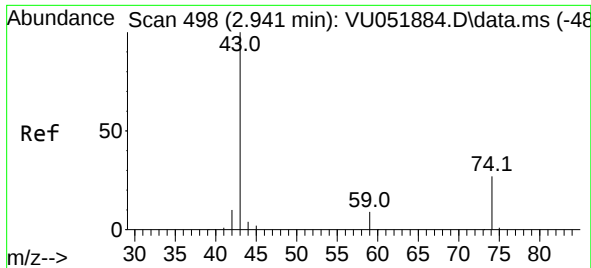
Tgt Ion: 76 Resp: 18341

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0





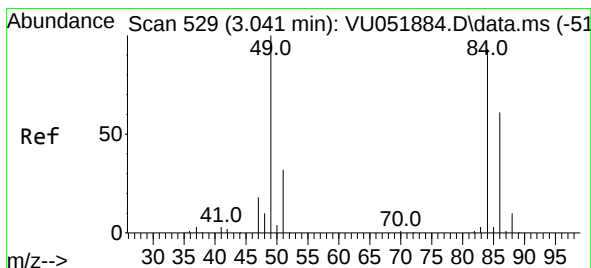
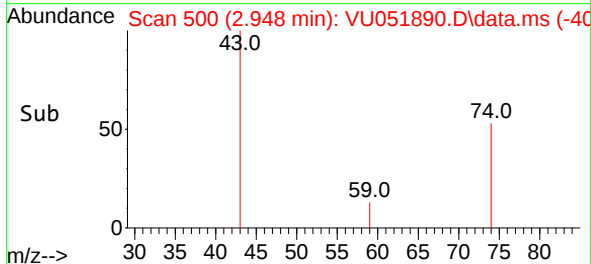
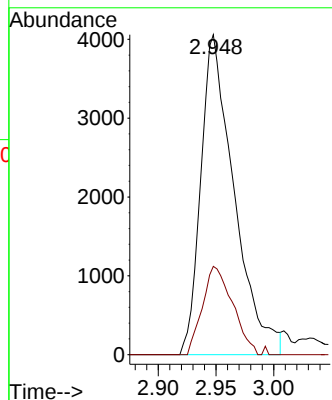
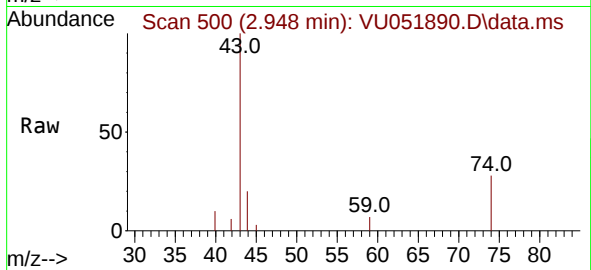
#15
Methyl Acetate
Concen: 2.149 ug/L
RT: 2.948 min Scan# 50
Delta R.T. 0.006 min
Lab File: VU051890.D
Acq: 17 Nov 2022 12:40

Instrument :
MSVOA_U
ClientSampleId :
MDL06

Tgt Ion: 43 Resp: 8140
Ion Ratio Lower Upper
43 100
74 25.0 21.8 32.8

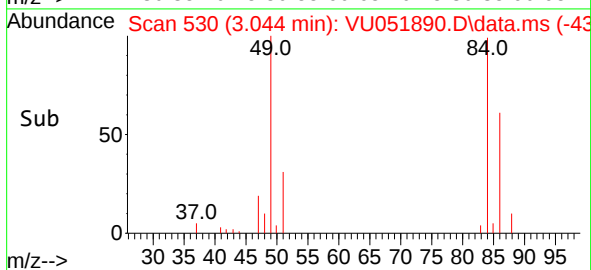
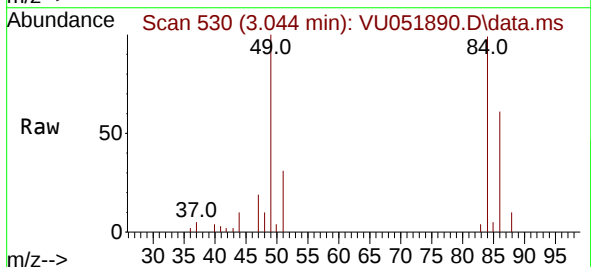
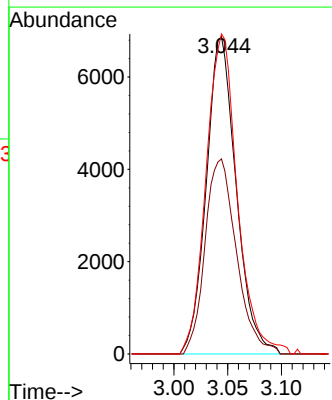
Manual Integrations
APPROVED

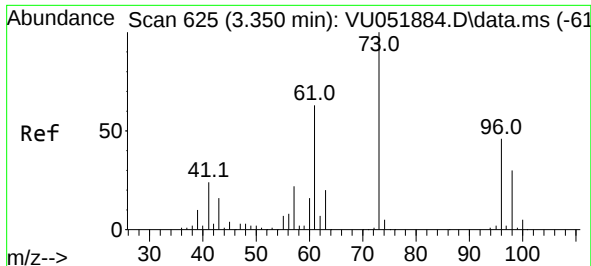
Reviewed By :Krupa Patel 11/18/2022
Supervised By :Mahesh Dadoda 11/18/2022



#16
Methylene chloride
Concen: 3.005 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.003 min
Lab File: VU051890.D
Acq: 17 Nov 2022 12:40

Tgt Ion: 84 Resp: 13297
Ion Ratio Lower Upper
84 100
86 61.5 44.7 82.9
49 100.9 76.5 142.1





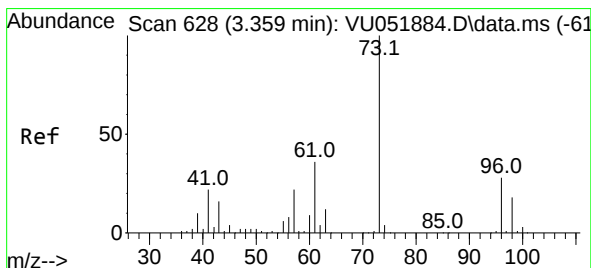
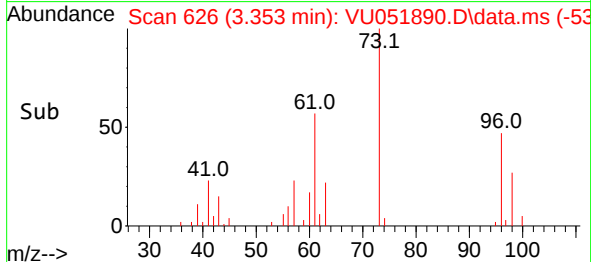
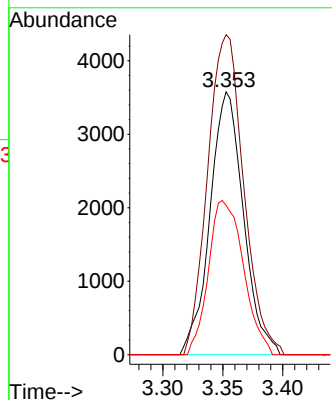
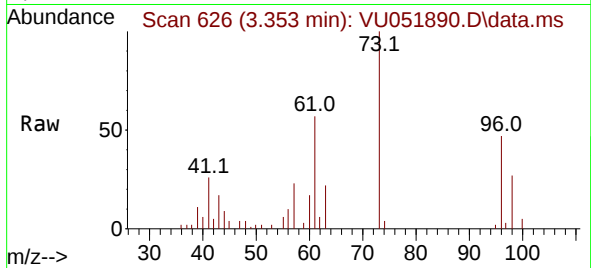
#17
trans-1,2-Dichloroethene
Concen: 2.323 ug/L
RT: 3.353 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU051890.D
Acq: 17 Nov 2022 12:40

Instrument :
MSVOA_U
ClientSampleId :
MDL06

Tgt Ion: 96 Resp: 694
Ion Ratio Lower Upper
96 100
61 121.7 98.3 182.7
98 56.8 45.5 84.5

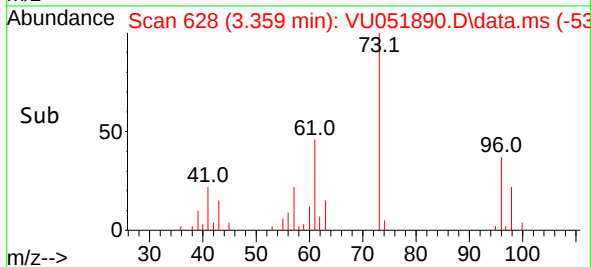
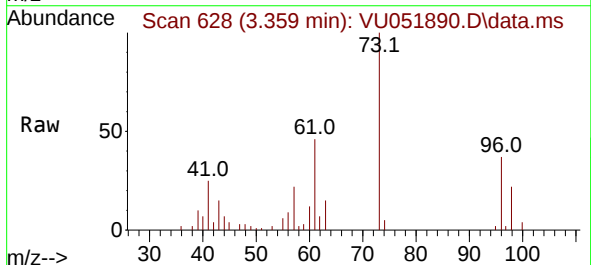
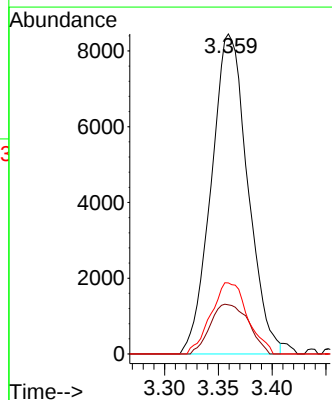
Manual Integrations
APPROVED

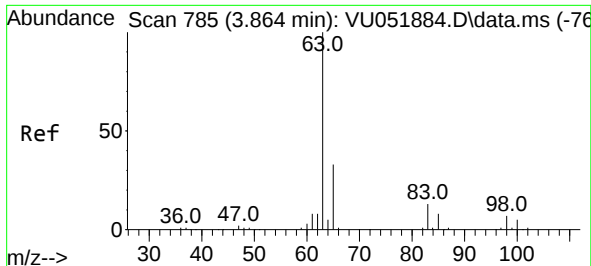
Reviewed By :Krupa Patel 11/18/2022
Supervised By :Mahesh Dadoda 11/18/2022



#18
Methyl tert-butyl Ether
Concen: 2.154 ug/L
RT: 3.359 min Scan# 628
Delta R.T. -0.000 min
Lab File: VU051890.D
Acq: 17 Nov 2022 12:40

Tgt Ion: 73 Resp: 19920
Ion Ratio Lower Upper
73 100
43 16.3 13.4 20.0
57 22.3 17.7 26.5





#19

1,1-Dichloroethane

Concen: 2.289 ug/L

RT: 3.867 min Scan# 785

Delta R.T. 0.003 min

Lab File: VU051890.D

Acq: 17 Nov 2022 12:40

Instrument :

MSVOA_U

ClientSampleId :

MDL06

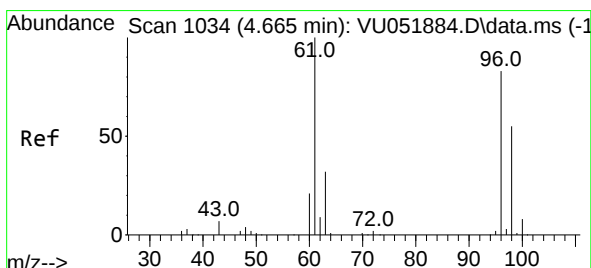
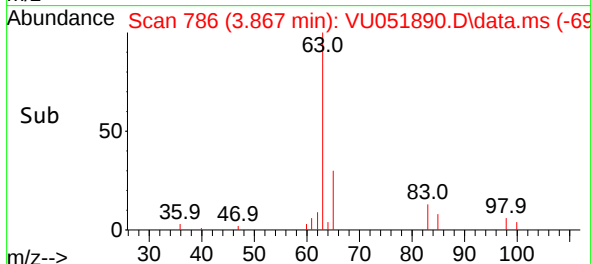
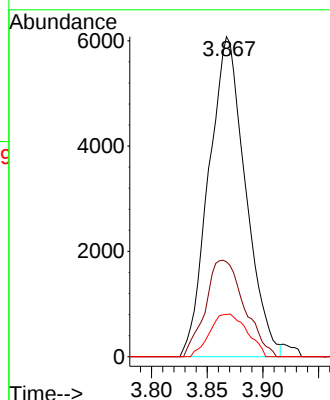
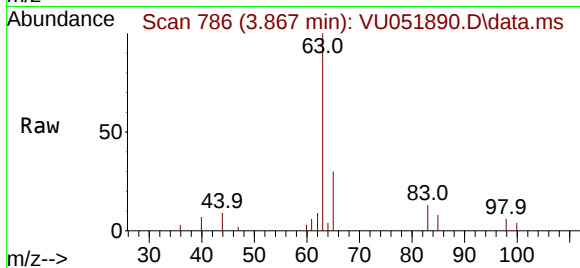
Tgt Ion: 63 Resp: 13910
 Ion Ratio Lower Upper
 63 100
 65 29.6 22.2 41.2
 83 13.2 9.6 17.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/18/2022

Supervised By :Mahesh Dadoda 11/18/2022



#20

cis-1,2-Dichloroethene

Concen: 2.326 ug/L

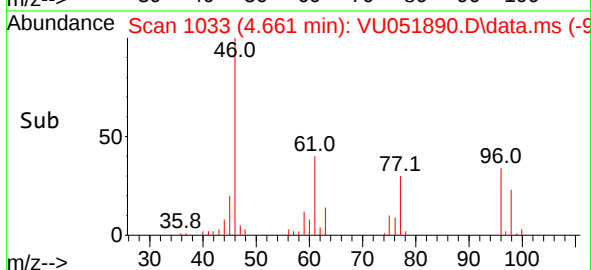
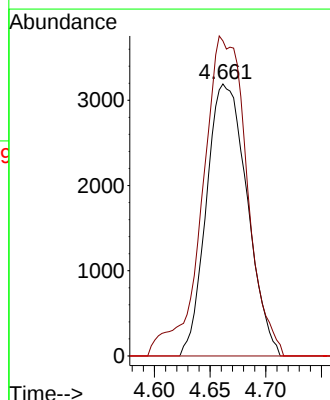
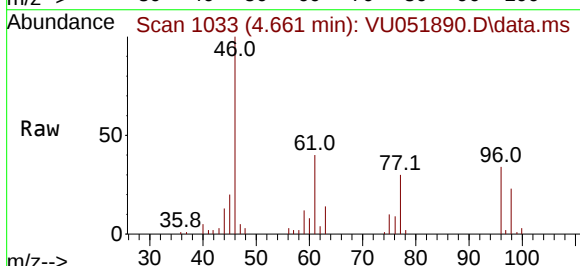
RT: 4.661 min Scan# 1033

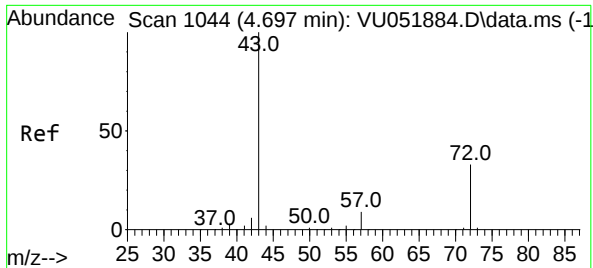
Delta R.T. -0.003 min

Lab File: VU051890.D

Acq: 17 Nov 2022 12:40

Tgt Ion: 96 Resp: 8110
 Ion Ratio Lower Upper
 96 100
 61 115.8 86.0 159.8
 68 0.0 0.0 0.0





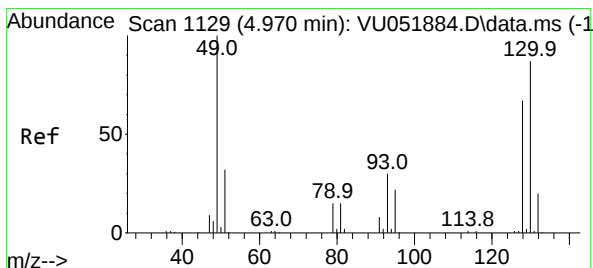
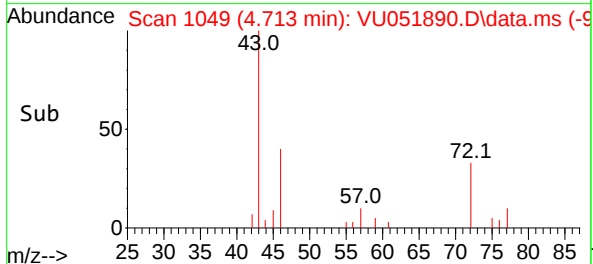
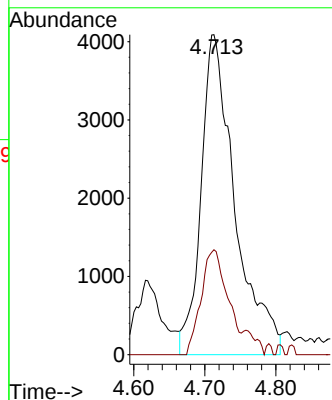
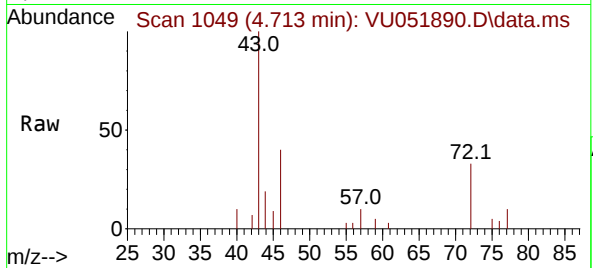
#22
2-Butanone
Concen: 4.319 ug/L m
RT: 4.713 min Scan# 1130
Delta R.T. 0.016 min
Lab File: VU051890.D
Acq: 17 Nov 2022 12:40

Instrument :
MSVOA_U
ClientSampleId :
MDL06

Tgt Ion: 43 Resp: 1355
Ion Ratio Lower Upper
43 100
72 25.5 15.7 47.1

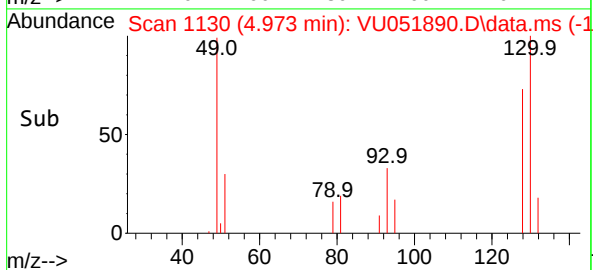
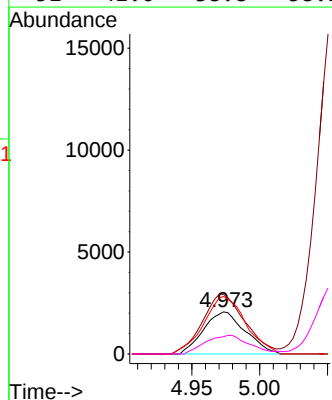
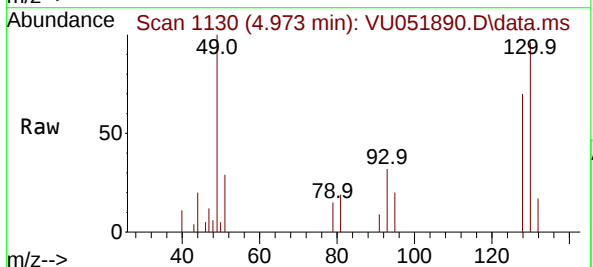
Manual Integrations
APPROVED

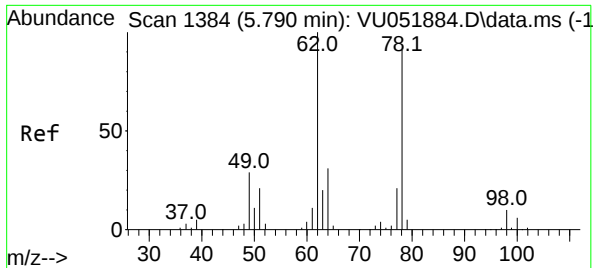
Reviewed By :Krupa Patel 11/18/2022
Supervised By :Mahesh Dadoda 11/18/2022



#23
Bromochloromethane
Concen: 2.292 ug/L
RT: 4.973 min Scan# 1130
Delta R.T. 0.003 min
Lab File: VU051890.D
Acq: 17 Nov 2022 12:40

Tgt Ion:128 Resp: 4410
Ion Ratio Lower Upper
128 100
49 141.9 107.2 199.0
130 136.8 92.5 171.7
51 41.0 38.8 58.2





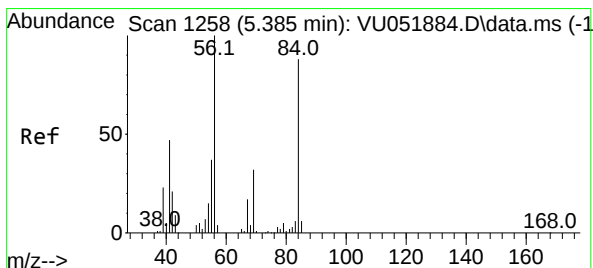
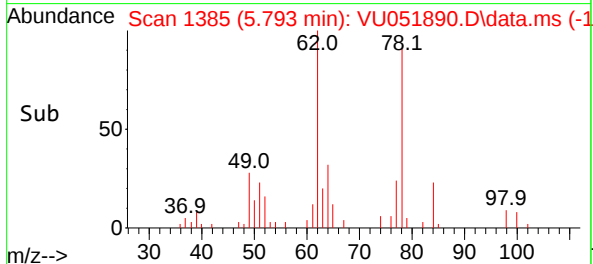
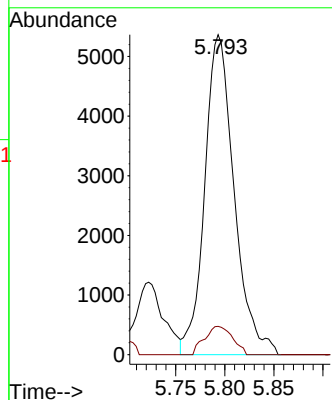
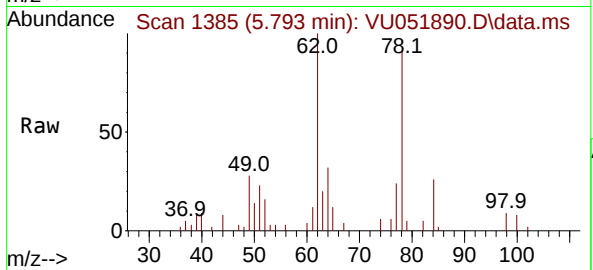
#27
1,2-Dichloroethane
Concen: 2.386 ug/L m
RT: 5.793 min Scan# 1118
Delta R.T. 0.003 min
Lab File: VU051890.D
Acq: 17 Nov 2022 12:40

Instrument :
MSVOA_U
ClientSampleId :
MDL06

Tgt Ion: 62 Resp: 1118
Ion Ratio Lower Upper
62 100
98 8.9 8.1 12.1

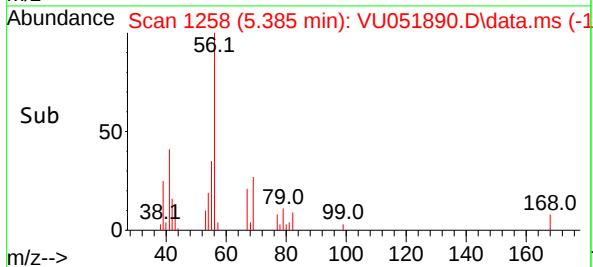
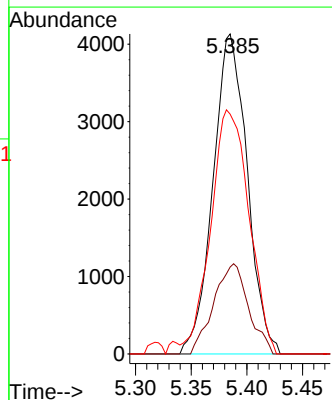
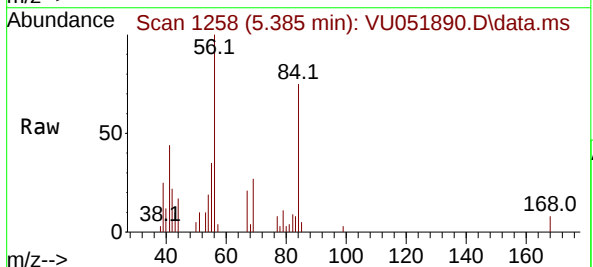
Manual Integrations
APPROVED

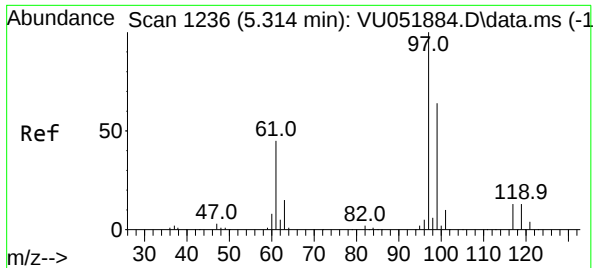
Reviewed By :Krupa Patel 11/18/2022
Supervised By :Mahesh Dadoda 11/18/2022



#29
Cyclohexane
Concen: 2.225 ug/L
RT: 5.385 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VU051890.D
Acq: 17 Nov 2022 12:40

Tgt Ion: 56 Resp: 8836
Ion Ratio Lower Upper
56 100
69 28.6 25.4 38.2
84 85.3 71.4 107.0





#30

1,1,1-Trichloroethane

Concen: 2.357 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. -0.000 min

Lab File: VU051890.D

Acq: 17 Nov 2022 12:40

Instrument :

MSVOA_U

ClientSampleId :

MDL06

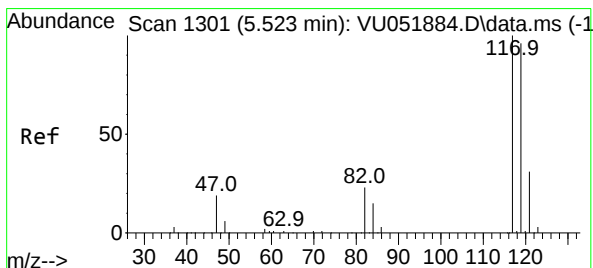
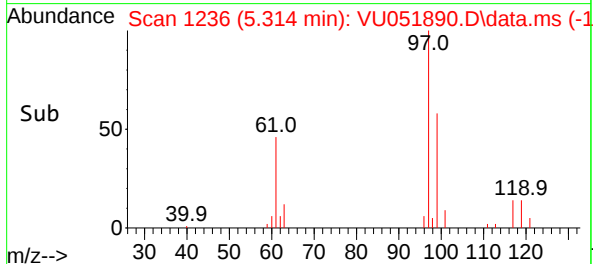
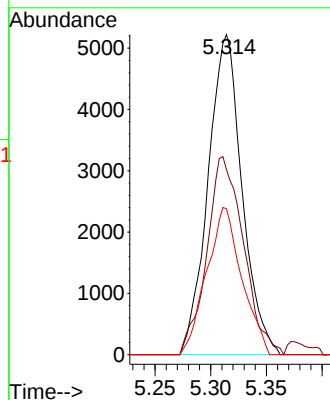
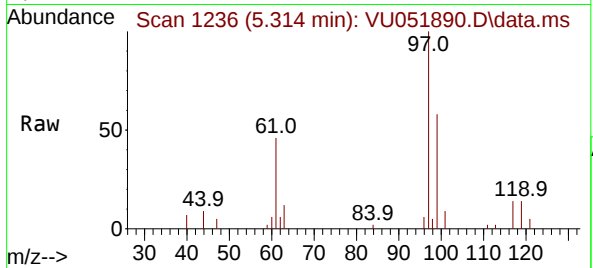
Tgt Ion: 97	Resp: 1109
Ion Ratio	Lower Upper
97 100	
99 66.7	51.2 76.8
61 47.6	37.4 56.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/18/2022

Supervised By :Mahesh Dadoda 11/18/2022



#31

Carbon tetrachloride

Concen: 2.483 ug/L

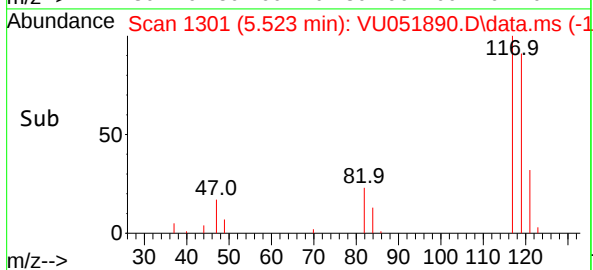
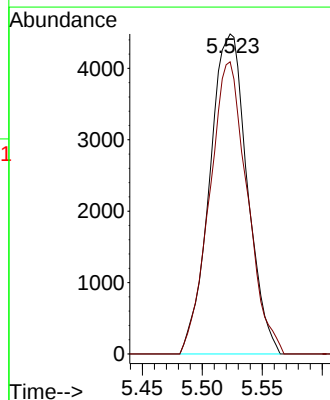
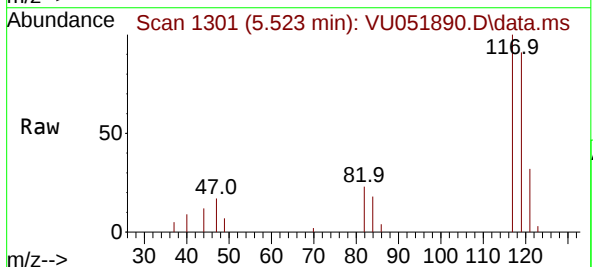
RT: 5.523 min Scan# 1301

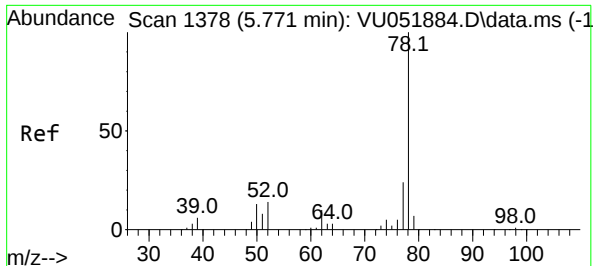
Delta R.T. -0.000 min

Lab File: VU051890.D

Acq: 17 Nov 2022 12:40

Tgt Ion: 117	Resp: 9766
Ion Ratio	Lower Upper
117 100	
119 91.4	75.6 113.4





#33

Benzene

Concen: 2.383 ug/L

RT: 5.774 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU051890.D

Acq: 17 Nov 2022 12:40

Instrument :

MSVOA_U

ClientSampleId :

MDL06

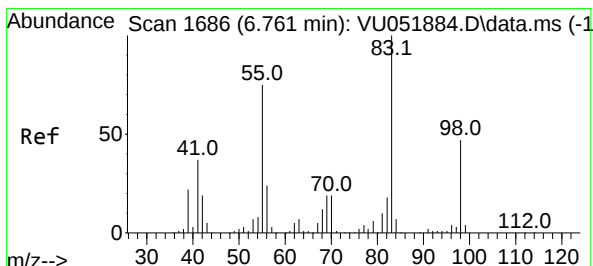
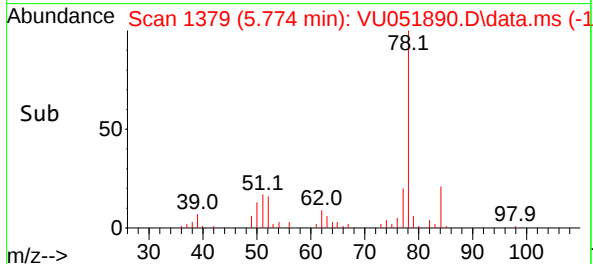
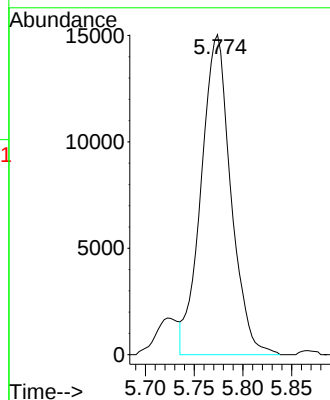
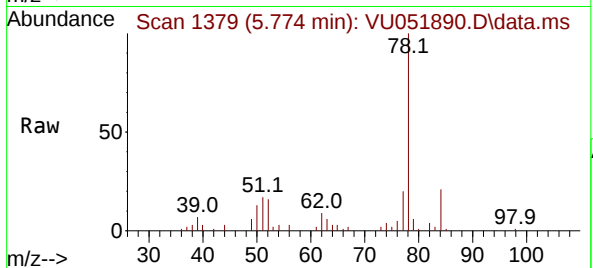
Tgt Ion: 78 Resp: 3189

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/18/2022

Supervised By :Mahesh Dadoda 11/18/2022



#35

Methylcyclohexane

Concen: 2.202 ug/L

RT: 6.758 min Scan# 1685

Delta R.T. -0.003 min

Lab File: VU051890.D

Acq: 17 Nov 2022 12:40

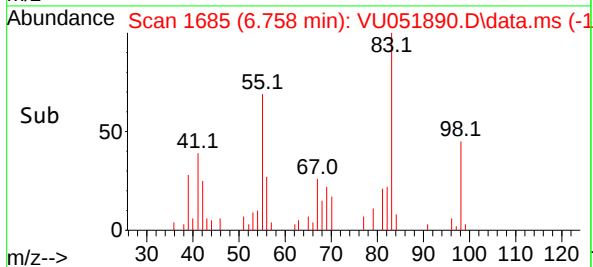
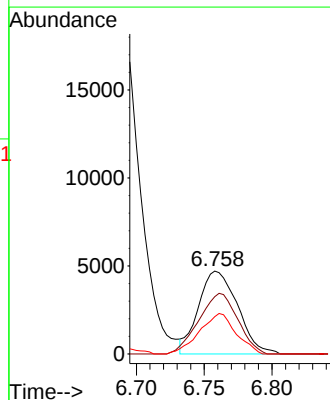
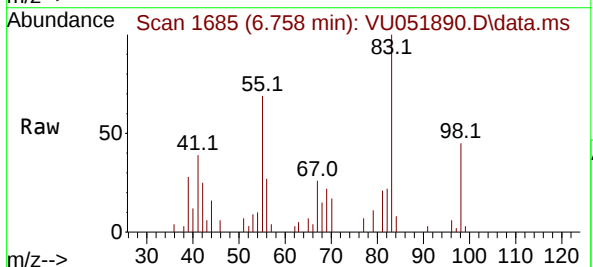
Tgt Ion: 83 Resp: 9467

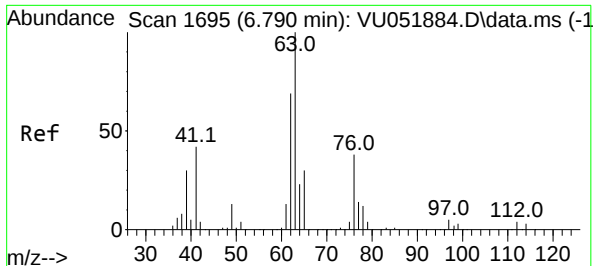
Ion Ratio Lower Upper

83 100

55 72.6 60.0 90.0

98 45.3 35.8 53.8





#37

1,2-Dichloropropane

Concen: 2.270 ug/L

RT: 6.790 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU051890.D

Acq: 17 Nov 2022 12:40

Instrument :

MSVOA_U

ClientSampleId :

MDL06

Tgt Ion: 63 Resp: 860

Ion Ratio Lower Upper

63 100

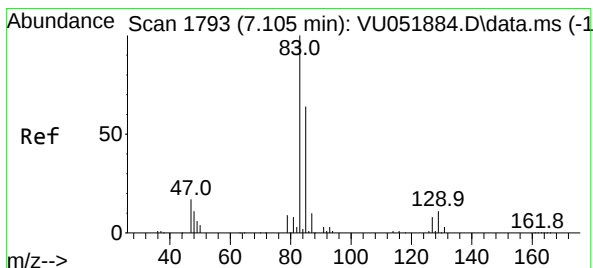
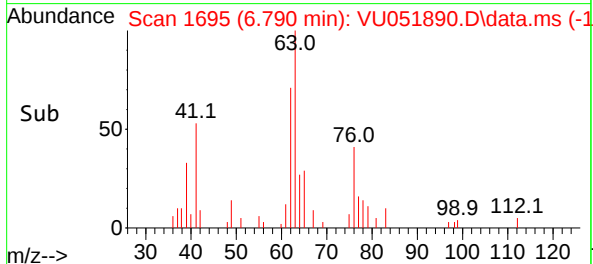
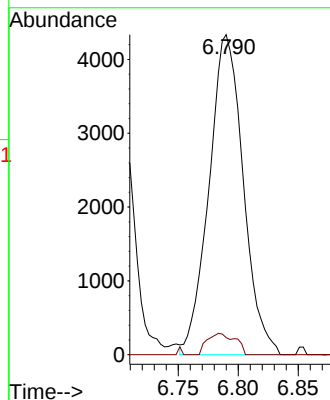
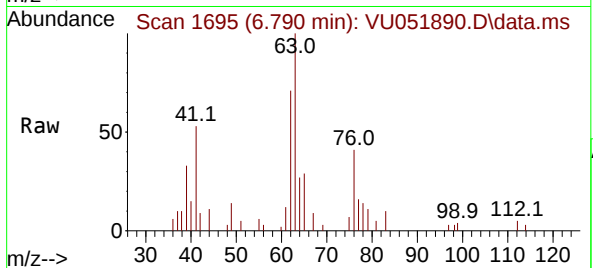
112 4.1 3.0 4.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/18/2022

Supervised By :Mahesh Dadoda 11/18/2022



#38

Bromodichloromethane

Concen: 2.251 ug/L

RT: 7.102 min Scan# 1792

Delta R.T. -0.003 min

Lab File: VU051890.D

Acq: 17 Nov 2022 12:40

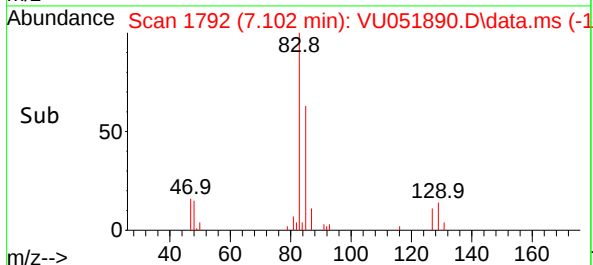
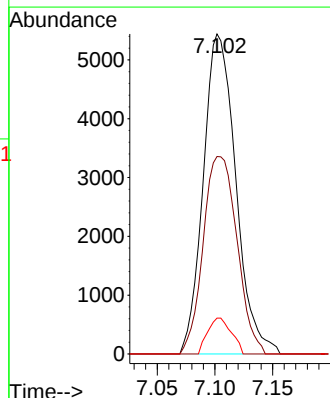
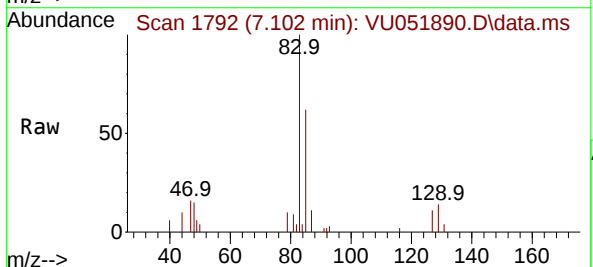
Tgt Ion: 83 Resp: 10673

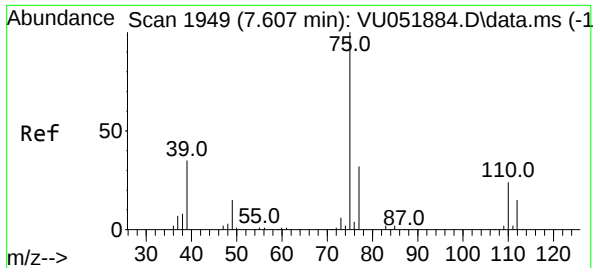
Ion Ratio Lower Upper

83 100

85 61.7 44.6 82.8

127 11.2 6.5 9.7#





#39

cis-1,3-Dichloropropene

Concen: 2.229 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VU051890.D

Acq: 17 Nov 2022 12:40

Instrument :

MSVOA_U

ClientSampleId :

MDL06

Tgt Ion: 75 Resp: 1105

Ion Ratio Lower Upper

75 100

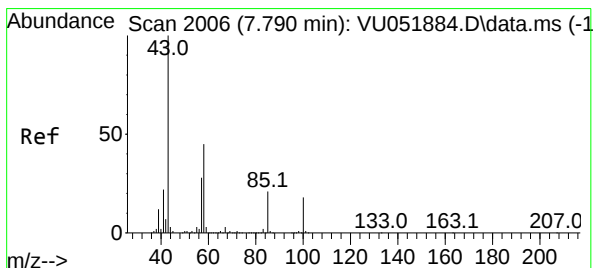
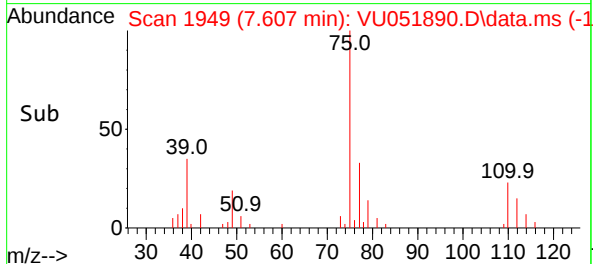
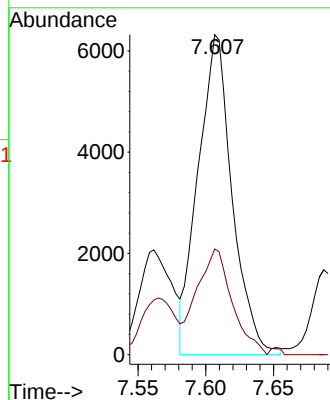
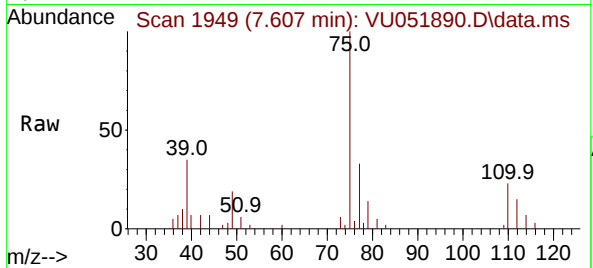
77 33.0 22.5 41.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/18/2022

Supervised By :Mahesh Dadoda 11/18/2022



#40

4-Methyl-2-pentanone

Concen: 3.816 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. -0.000 min

Lab File: VU051890.D

Acq: 17 Nov 2022 12:40

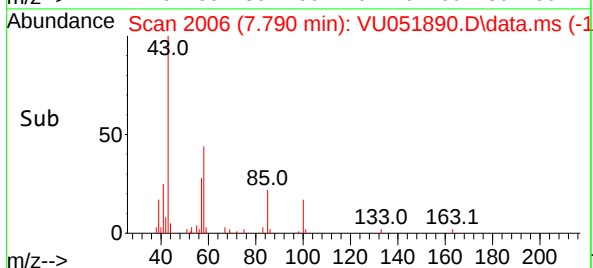
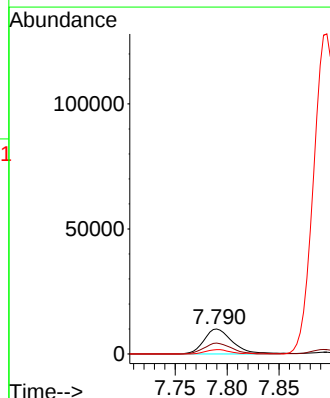
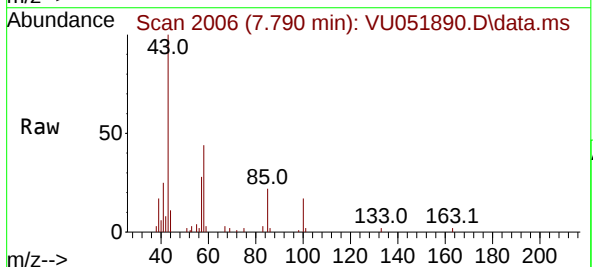
Tgt Ion: 43 Resp: 19048

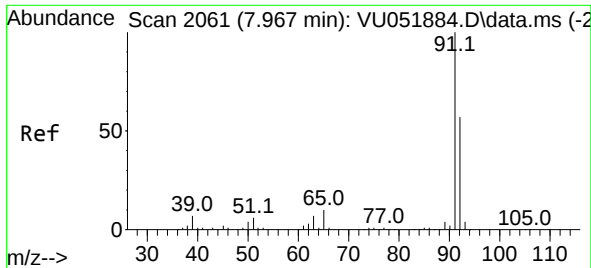
Ion Ratio Lower Upper

43 100

58 41.6 35.4 53.2

100 14.4 13.4 20.0





#42

Toluene

Concen: 2.194 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VU051890.D

Acq: 17 Nov 2022 12:40

Instrument :

MSVOA_U

ClientSampleId :

MDL06

Tgt Ion: 91 Resp: 30210

Ion Ratio Lower Upper

91 100

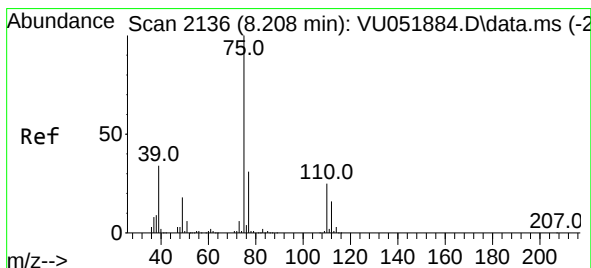
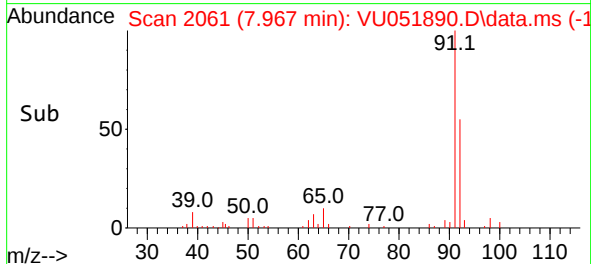
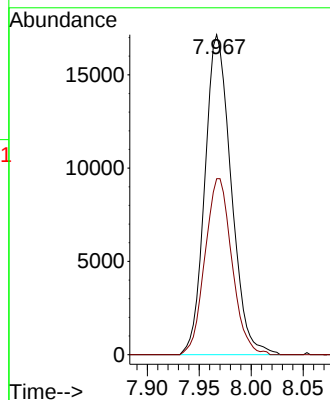
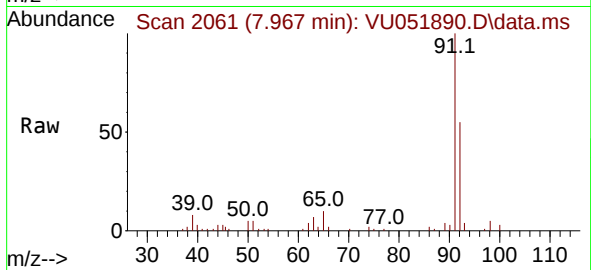
92 55.0 39.5 73.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/18/2022

Supervised By :Mahesh Dadoda 11/18/2022



#44

trans-1,3-Dichloropropene

Concen: 2.340 ug/L m

RT: 8.208 min Scan# 2136

Delta R.T. -0.000 min

Lab File: VU051890.D

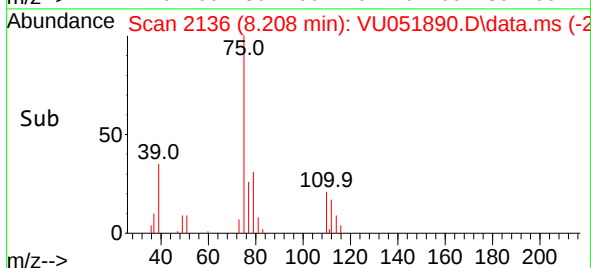
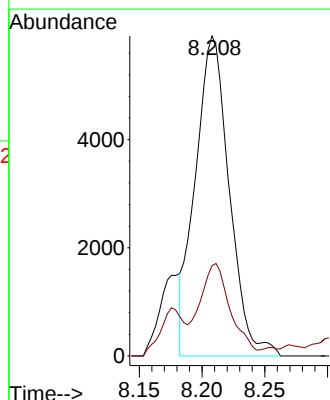
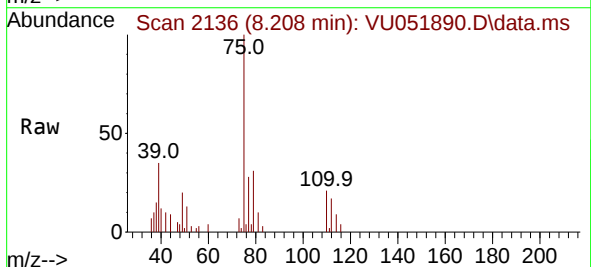
Acq: 17 Nov 2022 12:40

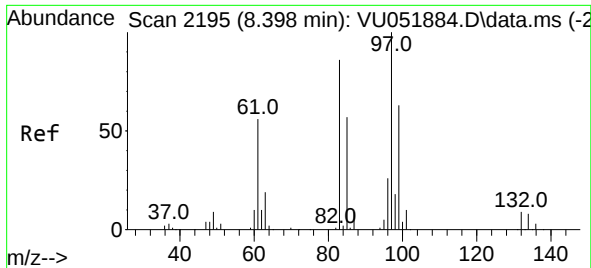
Tgt Ion: 75 Resp: 11119

Ion Ratio Lower Upper

75 100

77 28.2 21.8 40.6





#45
1,1,2-Trichloroethane
Concen: 2.199 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.003 min
Lab File: VU051890.D
Acq: 17 Nov 2022 12:40

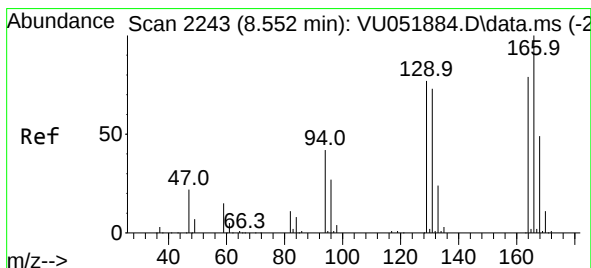
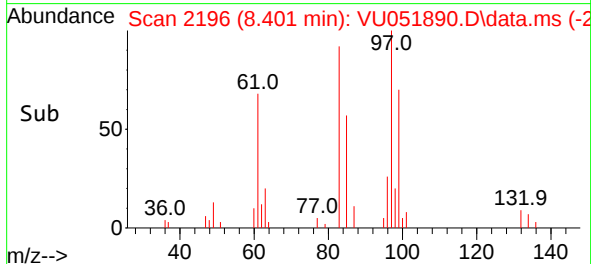
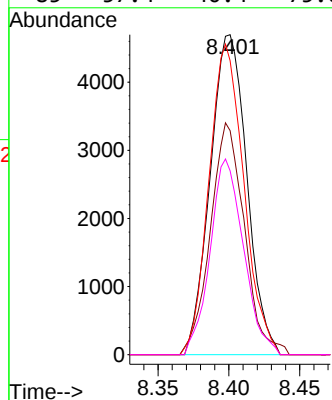
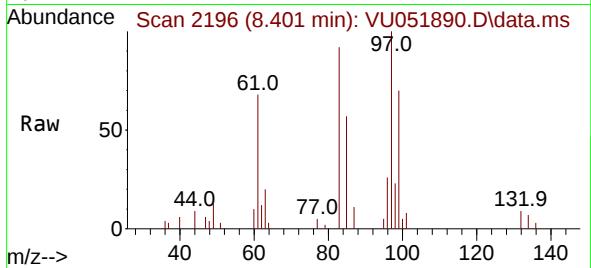
Instrument :
MSVOA_U
ClientSampleId :
MDL06

Tgt Ion: 97 Resp: 8470

Ion	Ratio	Lower	Upper
97	100		
99	70.0	44.3	82.3
83	91.9	62.3	115.7
85	57.4	40.4	75.0

Manual Integrations
APPROVED

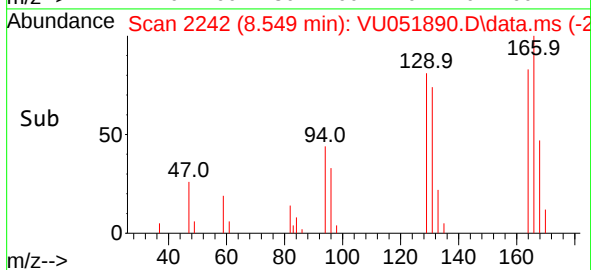
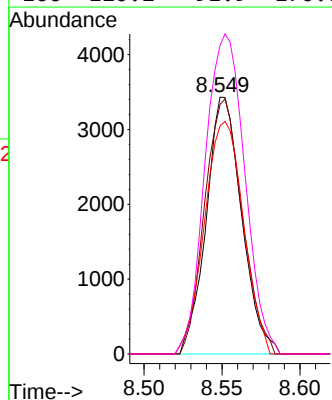
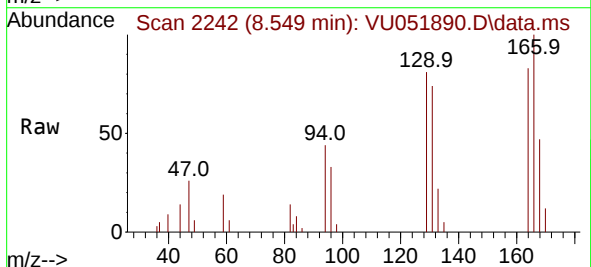
Reviewed By :Krupa Patel 11/18/2022
Supervised By :Mahesh Dadoda 11/18/2022

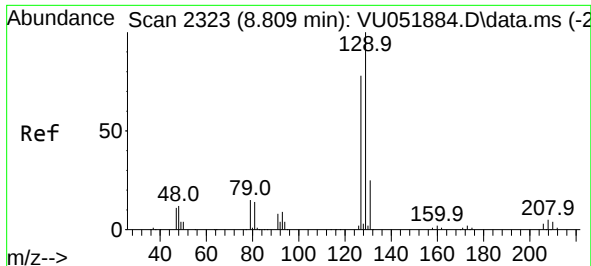


#46
Tetrachloroethene
Concen: 2.149 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. -0.003 min
Lab File: VU051890.D
Acq: 17 Nov 2022 12:40

Tgt Ion:164 Resp: 5443

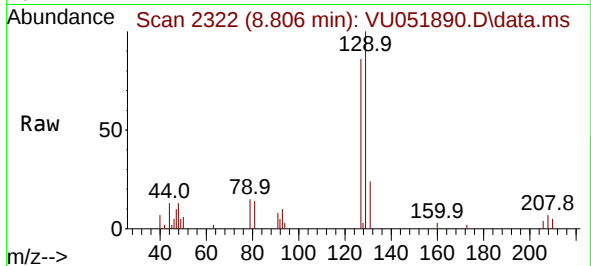
Ion	Ratio	Lower	Upper
164	100		
129	97.1	68.5	127.1
131	88.8	66.6	123.8
166	120.2	91.9	170.7





#49
Dibromochloromethane
Concen: 2.225 ug/L
RT: 8.806 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU051890.D
Acq: 17 Nov 2022 12:40

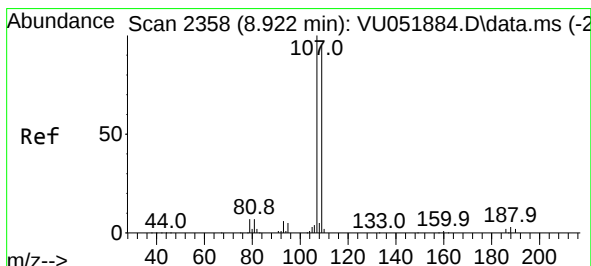
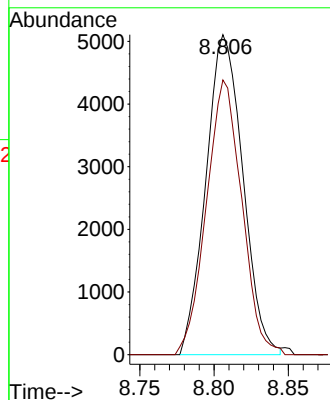
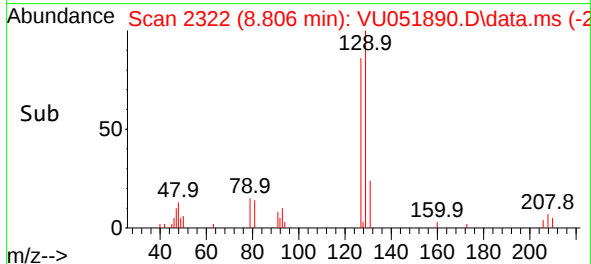
Instrument :
MSVOA_U
ClientSampleId :
MDL06



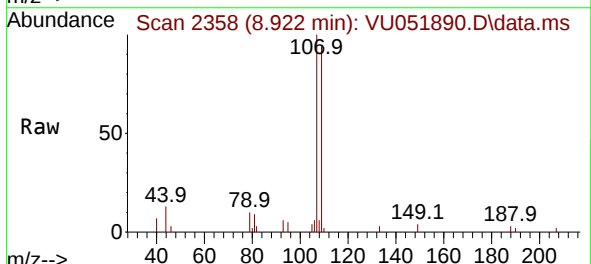
Tgt Ion:129 Resp: 8838
Ion Ratio Lower Upper
129 100
127 85.9 54.4 101.0

Manual Integrations
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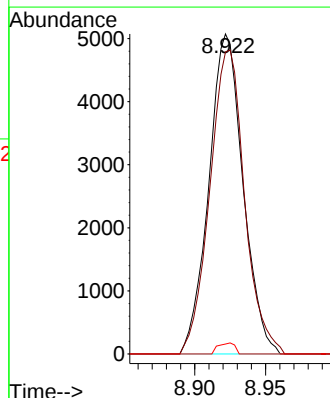
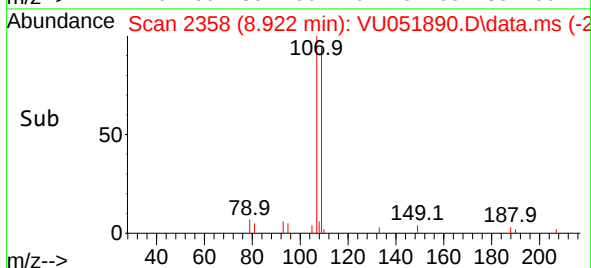
Reviewed By :Krupa Patel 11/18/2022
Supervised By :Mahesh Dadoda 11/18/2022

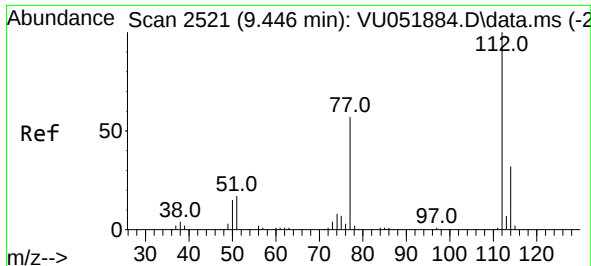


#50
1,2-Dibromoethane
Concen: 2.194 ug/L
RT: 8.922 min Scan# 2358
Delta R.T. -0.000 min
Lab File: VU051890.D
Acq: 17 Nov 2022 12:40



Tgt Ion:107 Resp: 8509
Ion Ratio Lower Upper
107 100
109 94.4 65.0 120.6
188 3.1 2.9 4.3





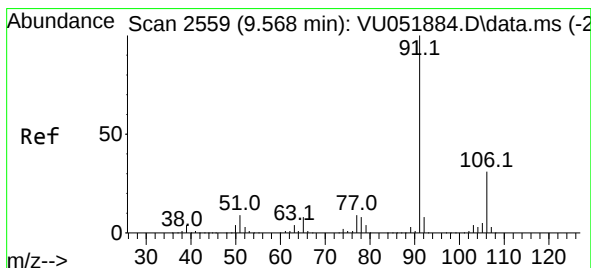
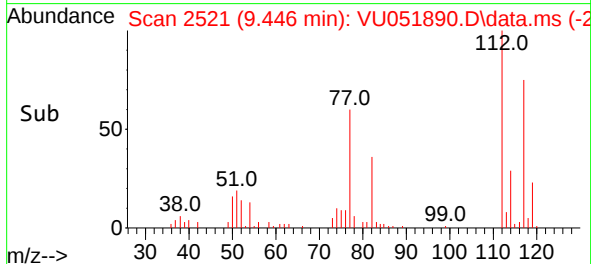
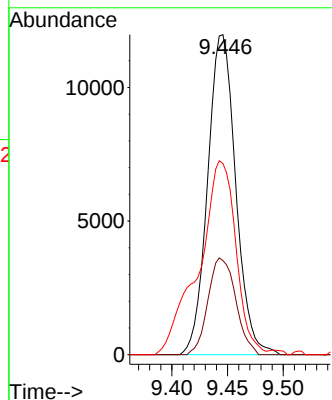
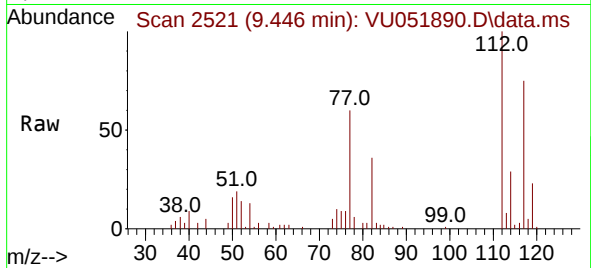
#51
Chlorobenzene
Concen: 2.238 ug/L
RT: 9.446 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VU051890.D
Acq: 17 Nov 2022 12:40

Instrument :
MSVOA_U
ClientSampleId :
MDL06

Tgt Ion:112 Resp: 2105
Ion Ratio Lower Upper
112 100
114 29.4 22.2 41.2
77 59.7 46.7 70.1

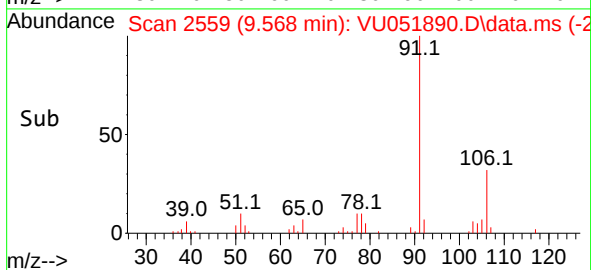
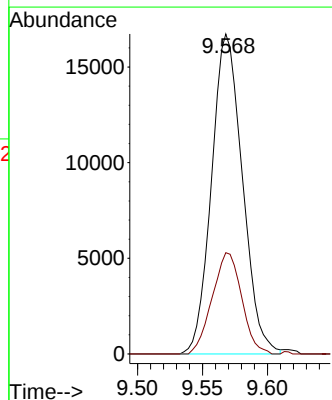
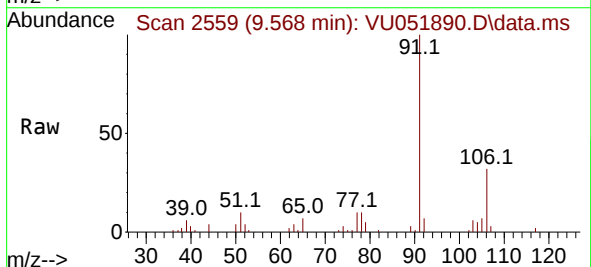
Manual Integrations
APPROVED

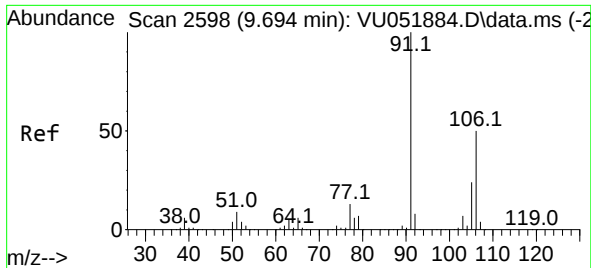
Reviewed By :Krupa Patel 11/18/2022
Supervised By :Mahesh Dadoda 11/18/2022



#52
Ethylbenzene
Concen: 1.961 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. -0.000 min
Lab File: VU051890.D
Acq: 17 Nov 2022 12:40

Tgt Ion: 91 Resp: 27628
Ion Ratio Lower Upper
91 100
106 31.6 21.3 39.6





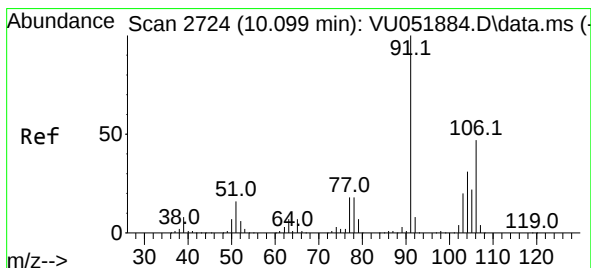
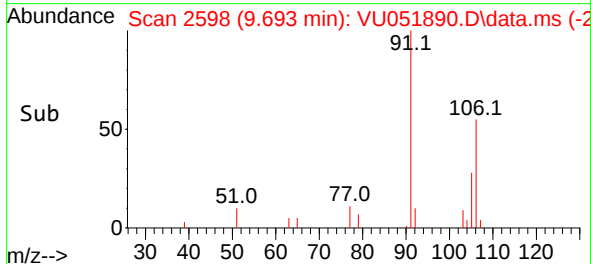
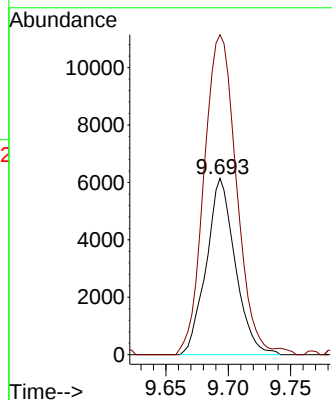
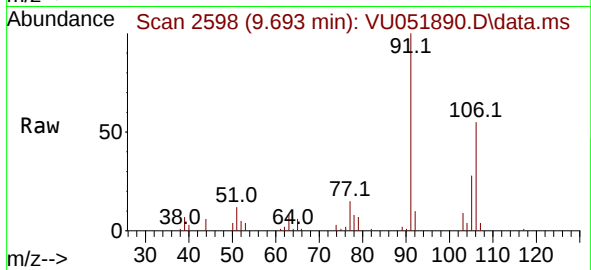
#53
m,p-Xylene
Concen: 1.815 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU051890.D
Acq: 17 Nov 2022 12:40

Instrument :
MSVOA_U
ClientSampleId :
MDL06

Tgt Ion:106 Resp: 990
Ion Ratio Lower Upper
106 100
91 181.5 141.7 263.3

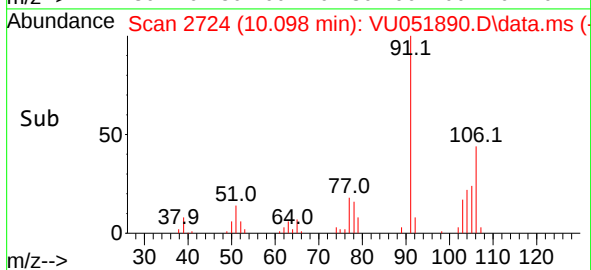
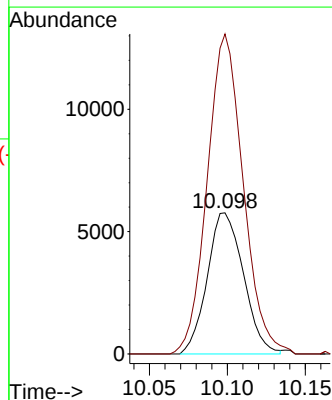
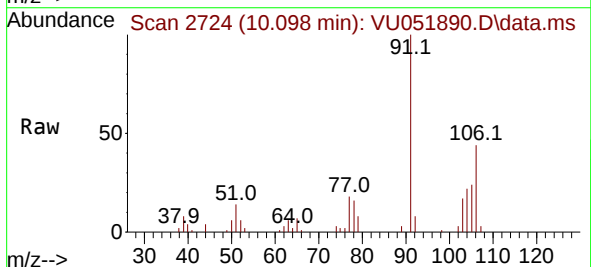
Manual Integrations
APPROVED

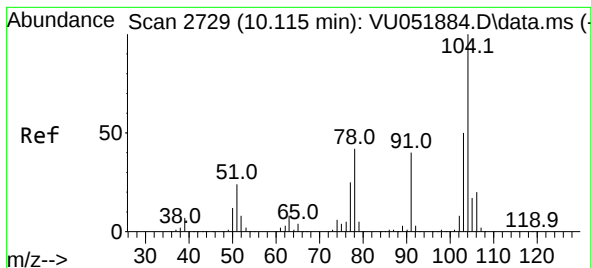
Reviewed By :Krupa Patel 11/18/2022
Supervised By :Mahesh Dadoda 11/18/2022



#54
o-Xylene
Concen: 1.681 ug/L
RT: 10.098 min Scan# 2724
Delta R.T. -0.000 min
Lab File: VU051890.D
Acq: 17 Nov 2022 12:40

Tgt Ion:106 Resp: 9331
Ion Ratio Lower Upper
106 100
91 226.7 149.7 278.1





#55

Styrene

Concen: 1.570 ug/L

RT: 10.115 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU051890.D

Acq: 17 Nov 2022 12:40

Instrument :

MSVOA_U

ClientSampleId :

MDL06

Tgt Ion:104 Resp: 15034

Ion Ratio Lower Upper

104 100

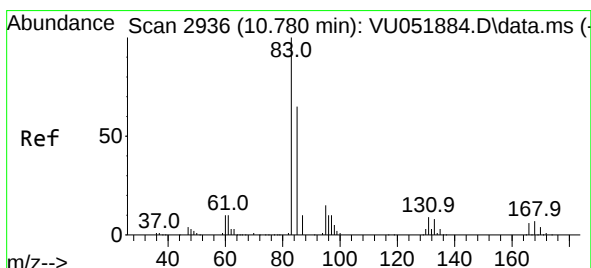
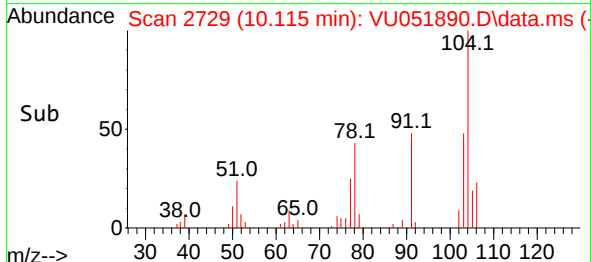
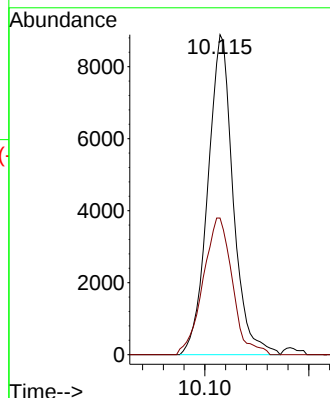
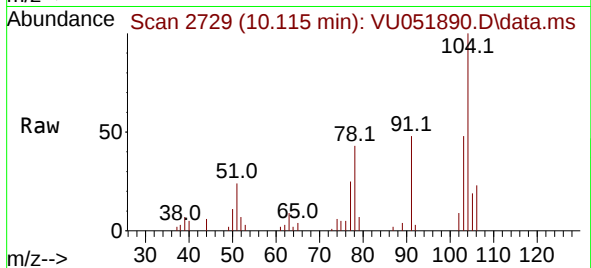
78 42.7 30.3 56.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/18/2022

Supervised By :Mahesh Dadoda 11/18/2022



#57

1,1,2,2-Tetrachloroethane

Concen: 2.292 ug/L

RT: 10.780 min Scan# 2936

Delta R.T. -0.000 min

Lab File: VU051890.D

Acq: 17 Nov 2022 12:40

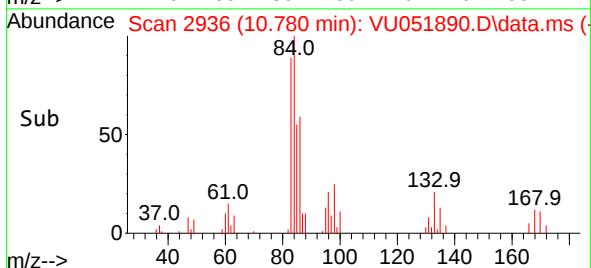
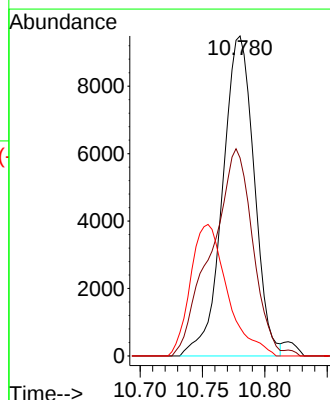
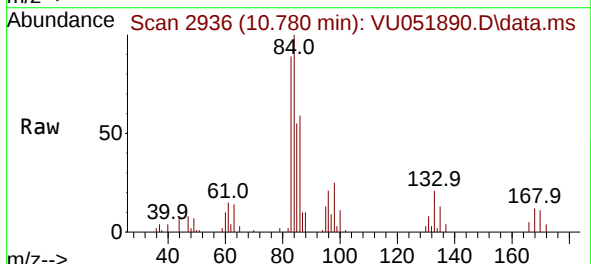
Tgt Ion: 83 Resp: 16684

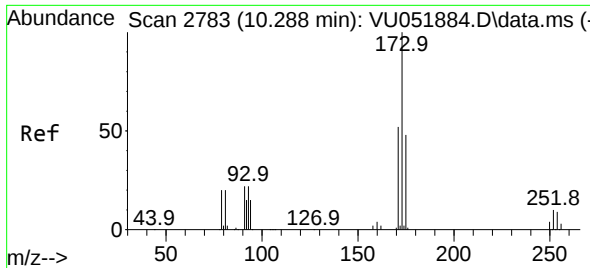
Ion Ratio Lower Upper

83 100

85 61.9 44.9 83.3

131 8.9 6.8 10.2





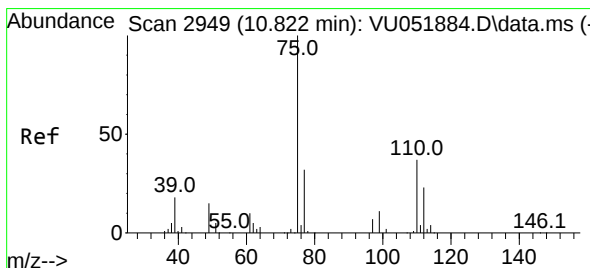
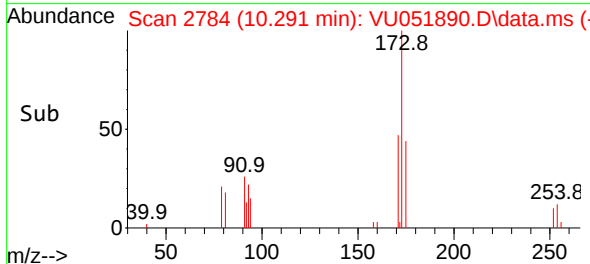
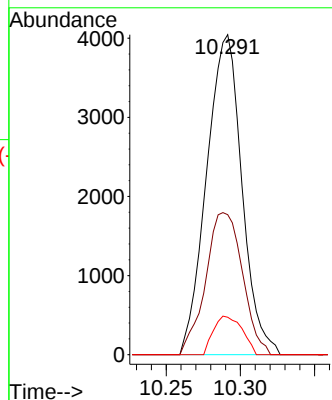
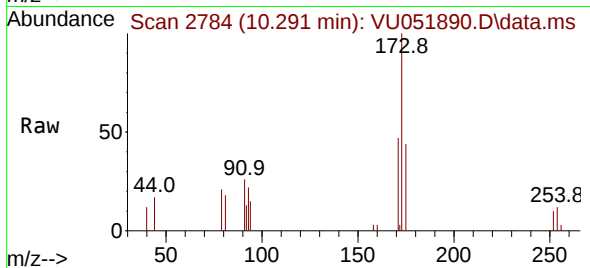
#59
Bromoform
Concen: 2.577 ug/L
RT: 10.291 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU051890.D
Acq: 17 Nov 2022 12:40

Instrument :
MSVOA_U
ClientSampleId :
MDL06

Tgt Ion:173 Resp: 668
Ion Ratio Lower Upper
173 100
175 46.3 38.9 58.3
254 9.8 7.4 11.2

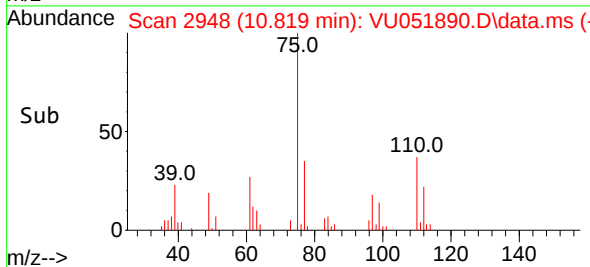
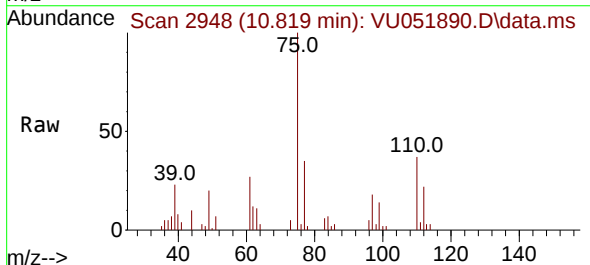
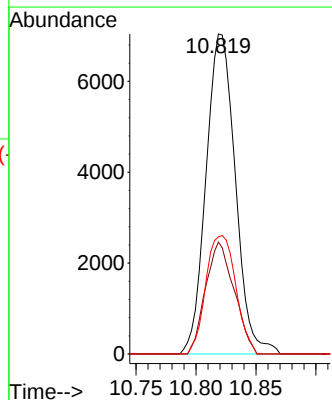
Manual Integrations
APPROVED

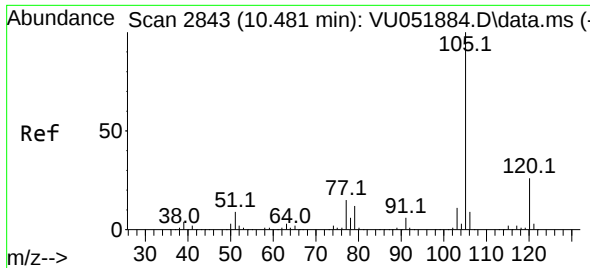
Reviewed By :Krupa Patel 11/18/2022
Supervised By :Mahesh Dadoda 11/18/2022



#60
1,2,3-Trichloropropane
Concen: 2.620 ug/L
RT: 10.819 min Scan# 2948
Delta R.T. -0.003 min
Lab File: VU051890.D
Acq: 17 Nov 2022 12:40

Tgt Ion: 75 Resp: 11984
Ion Ratio Lower Upper
75 100
77 34.0 26.2 39.4
110 37.7 29.0 43.4





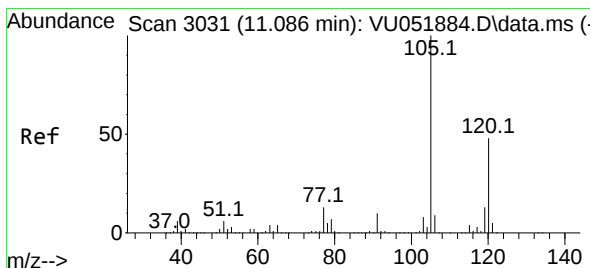
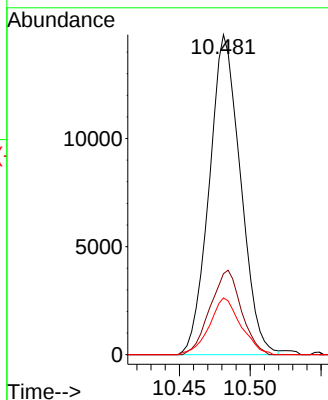
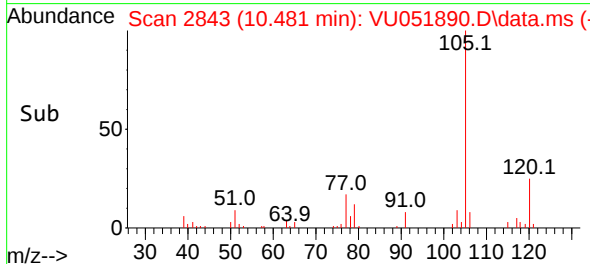
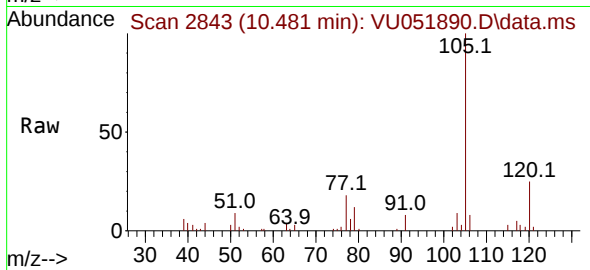
#61
Isopropylbenzene
Concen: 2.033 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. -0.000 min
Lab File: VU051890.D
Acq: 17 Nov 2022 12:40

Instrument : MSVOA_U
ClientSampleId : MDL06

Tgt Ion:105 Resp: 22718
Ion Ratio Lower Upper
105 100
120 26.2 21.1 31.7
77 17.8 12.2 18.4

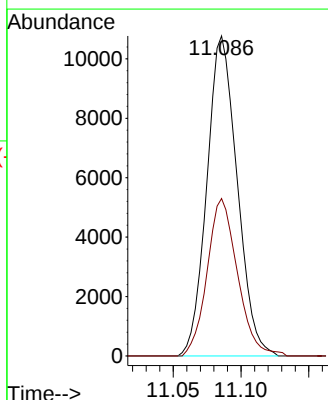
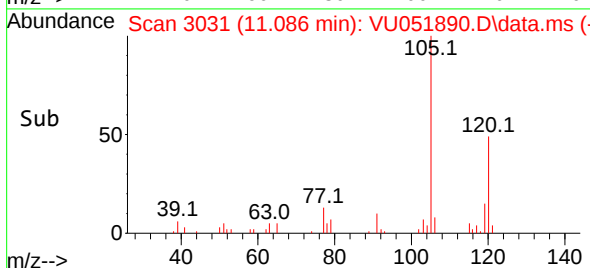
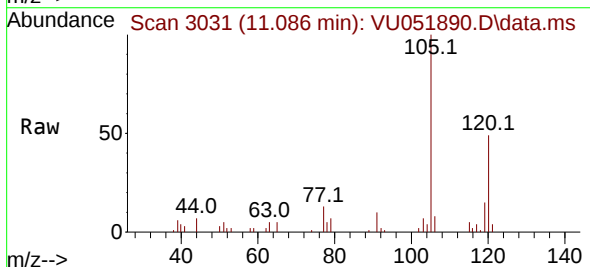
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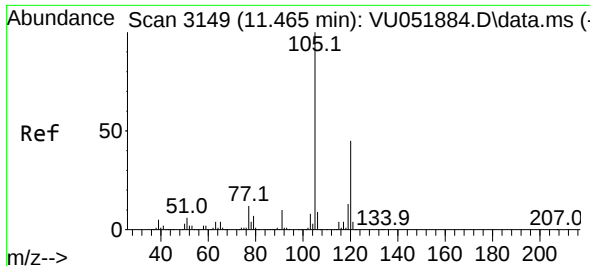
Reviewed By :Krupa Patel 11/18/2022
Supervised By :Mahesh Dadoda 11/18/2022



#62
1,3,5-Trimethylbenzene
Concen: 1.839 ug/L
RT: 11.086 min Scan# 3031
Delta R.T. -0.000 min
Lab File: VU051890.D
Acq: 17 Nov 2022 12:40

Tgt Ion:105 Resp: 16746
Ion Ratio Lower Upper
105 100
120 49.2 39.1 58.7





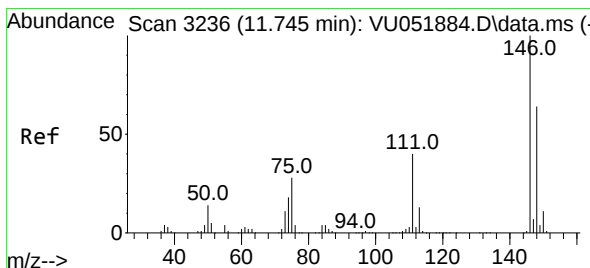
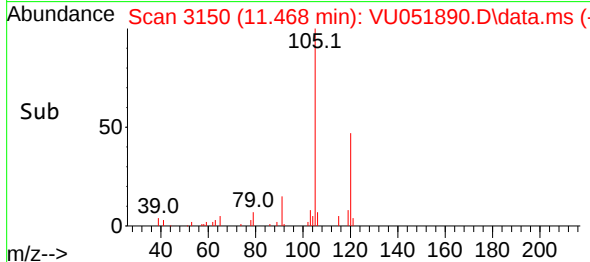
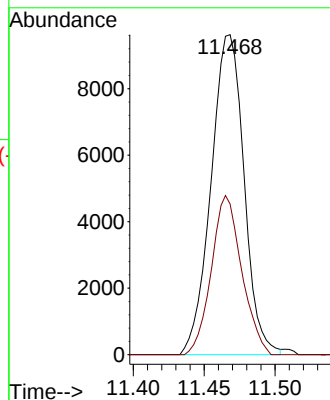
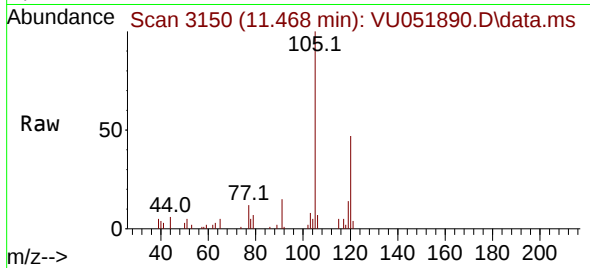
#63
1,2,4-Trimethylbenzene
Concen: 1.752 ug/L
RT: 11.468 min Scan# 3149
Delta R.T. 0.003 min
Lab File: VU051890.D
Acq: 17 Nov 2022 12:40

Instrument :
MSVOA_U
ClientSampleId :
MDL06

Tgt Ion:105 Resp: 15594
Ion Ratio Lower Upper
105 100
120 45.7 36.2 54.2

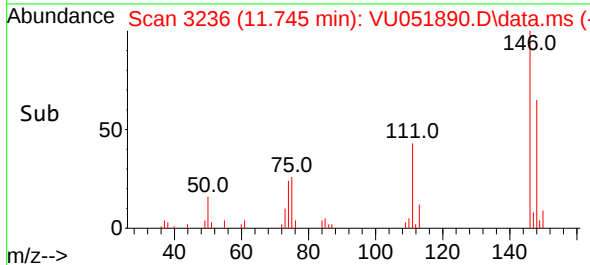
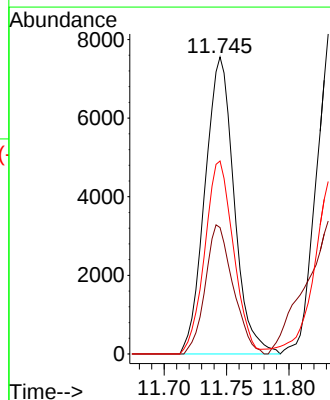
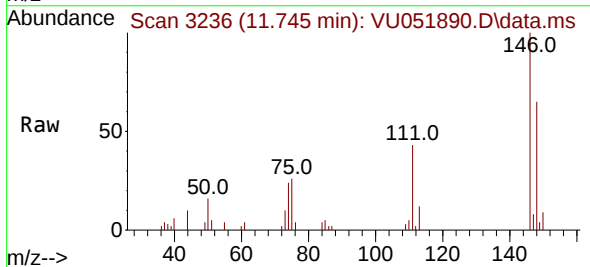
Manual Integrations
APPROVED

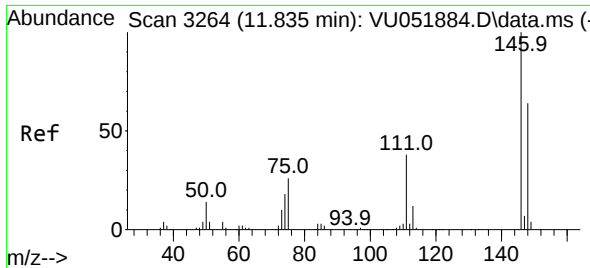
Reviewed By :Krupa Patel 11/18/2022
Supervised By :Mahesh Dadoda 11/18/2022



#64
1,3-Dichlorobenzene
Concen: 2.171 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. -0.000 min
Lab File: VU051890.D
Acq: 17 Nov 2022 12:40

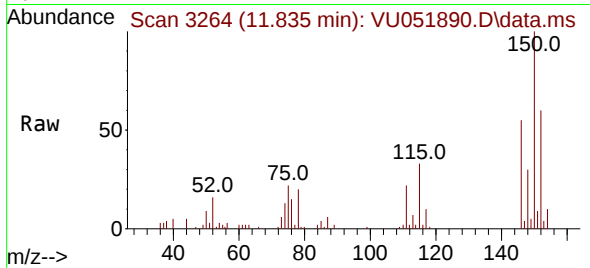
Tgt Ion:146 Resp: 12300
Ion Ratio Lower Upper
146 100
111 42.6 28.1 52.1
148 65.0 44.4 82.4





#65
1,4-Dichlorobenzene
Concen: 2.435 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.000 min
Lab File: VU051890.D
Acq: 17 Nov 2022 12:40

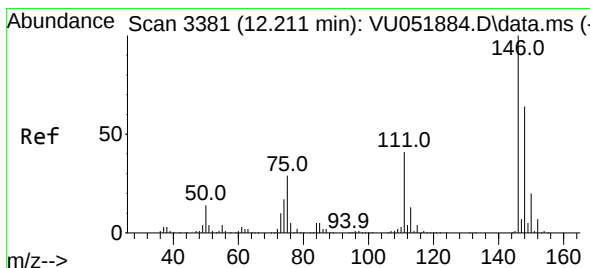
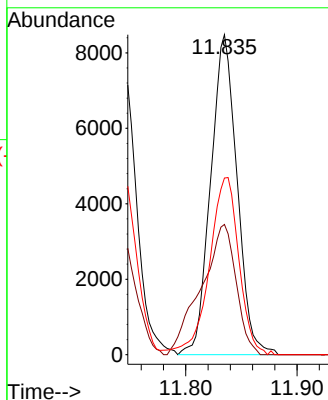
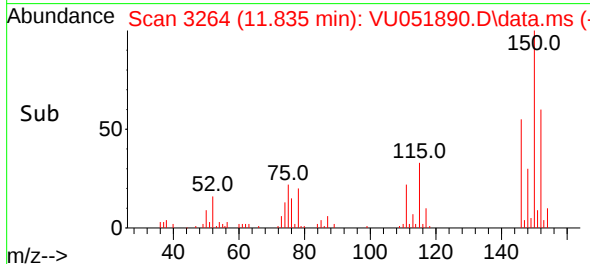
Instrument :
MSVOA_U
ClientSampleId :
MDL06



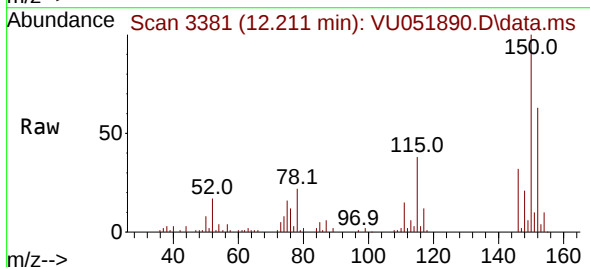
Tgt Ion:146 Resp: 13972
Ion Ratio Lower Upper
146 100
111 40.7 26.7 49.5
148 55.2 44.4 82.4

Manual Integrations
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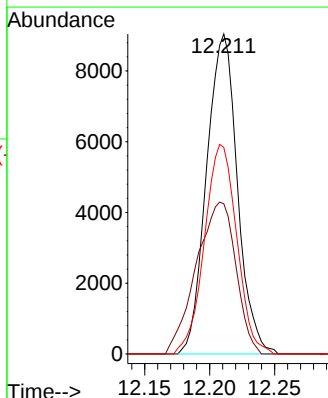
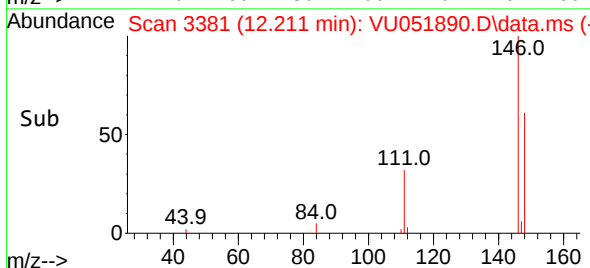
Reviewed By :Krupa Patel 11/18/2022
Supervised By :Mahesh Dadoda 11/18/2022

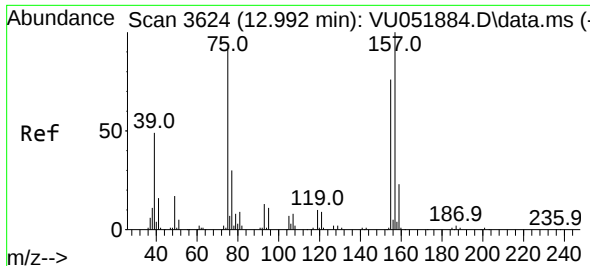


#67
1,2-Dichlorobenzene
Concen: 2.478 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. -0.000 min
Lab File: VU051890.D
Acq: 17 Nov 2022 12:40



Tgt Ion:146 Resp: 14928
Ion Ratio Lower Upper
146 100
111 47.0 33.6 50.4
148 64.6 50.9 76.3





#68

1,2-Dibromo-3-chloropropane

Concen: 2.616 ug/L

RT: 12.992 min Scan# 3624

Delta R.T. -0.000 min

Lab File: VU051890.D

Acq: 17 Nov 2022 12:40

Instrument :

MSVOA_U

ClientSampleId :

MDL06

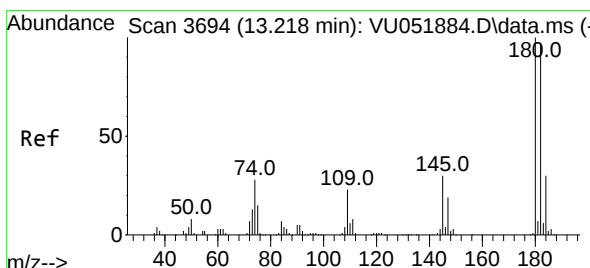
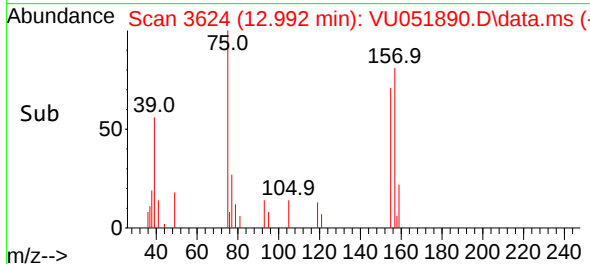
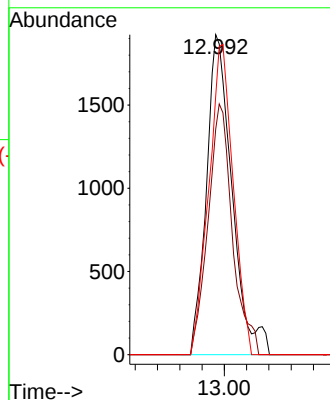
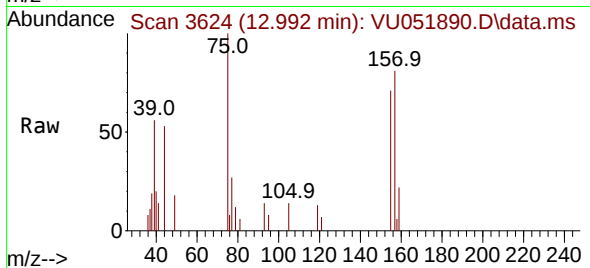
Tgt Ion:	75	Resp:	3064
Ion Ratio	Lower	Upper	
75	100		
155	70.5	63.0	94.6
157	80.9	79.4	119.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/18/2022

Supervised By :Mahesh Dadoda 11/18/2022



#69

1,3,5-Trichlorobenzene

Concen: 2.446 ug/L

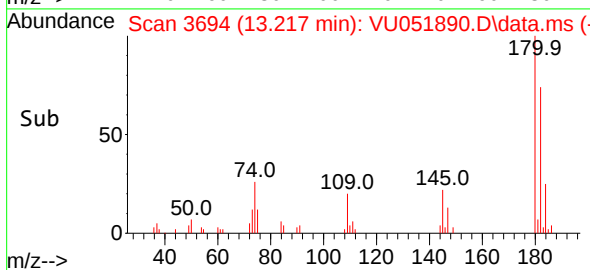
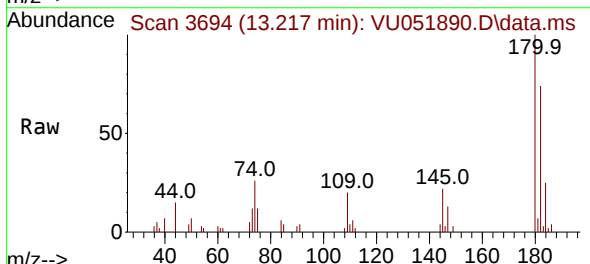
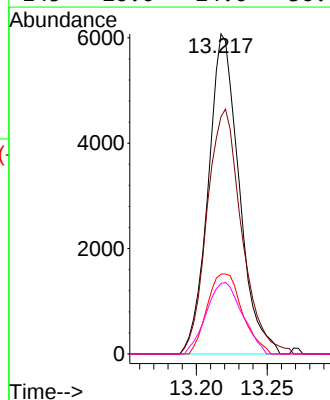
RT: 13.217 min Scan# 3694

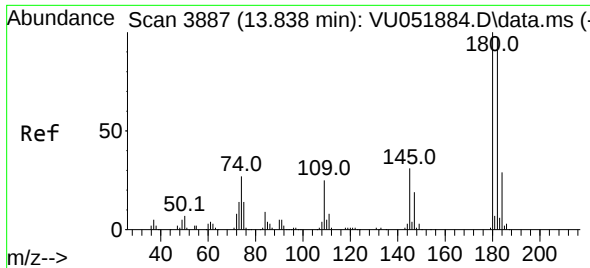
Delta R.T. -0.000 min

Lab File: VU051890.D

Acq: 17 Nov 2022 12:40

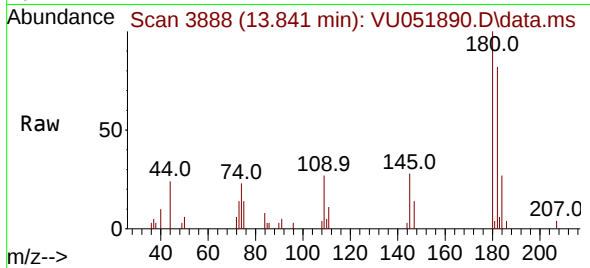
Tgt Ion:	180	Resp:	9192
Ion Ratio	Lower	Upper	
180	100		
182	85.7	77.0	115.4
184	28.4	23.8	35.8
145	26.0	24.0	36.0





#70
1,2,4-trichlorobenzene
Concen: 2.176 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. 0.003 min
Lab File: VU051890.D
Acq: 17 Nov 2022 12:40

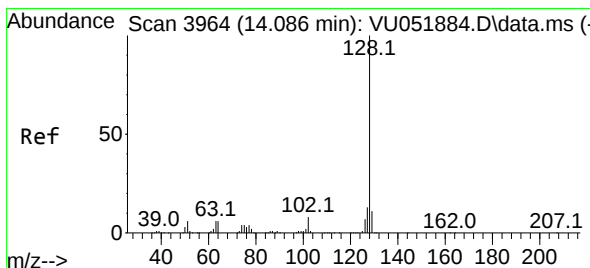
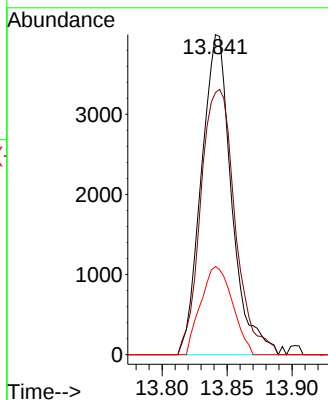
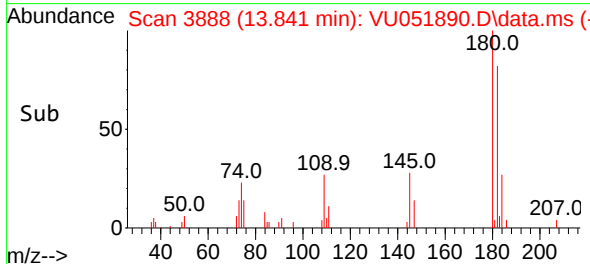
Instrument :
MSVOA_U
ClientSampleId :
MDL06



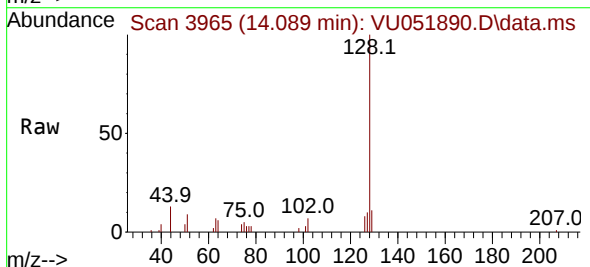
Tgt Ion:180 Resp: 6482
Ion Ratio Lower Upper
180 100
182 93.8 76.4 114.6
145 28.8 24.2 36.2

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 11/18/2022
Supervised By :Mahesh Dadoda 11/18/2022



#71
Naphthalene
Concen: 1.729 ug/L m
RT: 14.089 min Scan# 3965
Delta R.T. 0.003 min
Lab File: VU051890.D
Acq: 17 Nov 2022 12:40



Tgt Ion:128 Resp: 16941
Ion Ratio Lower Upper
128 100
127 9.3 10.4 15.6#
129 9.9 8.5 12.7

