

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111722\
 Data File : VU051894.D
 Acq On : 17 Nov 2022 14:14
 Operator : JC/MD
 Sample : MDL05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL05

Manual Integrations
 APPROVED

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

Quant Time: Nov 18 01:17:43 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	489572	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	485732	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	192898	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	103686	43.140	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	86.280%		
7) Chloroethane-d5	1.906	69	112853	46.864	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	93.720%		
11) 1,1-Dichloroethene-d2	2.565	63	133307	30.930	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	61.860%		
21) 2-Butanone-d5	4.617	46	270366	98.926	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	98.930%		
24) Chloroform-d	5.060	84	275525	45.731	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.460%		
26) 1,2-Dichloroethane-d4	5.700	65	175201	47.504	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.000%		
32) Benzene-d6	5.726	84	488028	48.187	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.380%		
36) 1,2-Dichloropropane-d6	6.687	67	184216	48.866	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.740%		
41) Toluene-d8	7.896	98	373837	44.971	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.940%		
43) trans-1,3-Dichloroprop...	8.176	79	68893	45.881	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	91.760%		
47) 2-Hexanone-d5	8.629	63	182388	95.196	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	95.200%		
56) 1,1,2,2-Tetrachloroeth...	10.751	84	340191	46.366	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	92.740%		
66) 1,2-Dichlorobenzene-d4	12.189	152	178327	52.532	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	105.060%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.385	85	7812	2.599	ug/L	98
3) Chloromethane	1.527	50	12627	3.163	ug/L	98
5) Vinyl chloride	1.604	62	10603	2.561	ug/L #	30
6) Bromomethane	1.845	94	4883	2.722	ug/L	99
8) Chloroethane	1.929	64	6404	2.379	ug/L	96
9) Trichlorofluoromethane	2.134	101	12541	2.530	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	9272	2.968	ug/L	89
12) 1,1-Dichloroethene	2.578	96	8594	2.946	ug/L #	1
13) Acetone	2.623	43	11004	3.763	ug/L	100
14) Carbon disulfide	2.790	76	20407	2.525	ug/L	97
15) Methyl Acetate	2.951	43	10051	2.521	ug/L	99
16) Methylene chloride	3.044	84	14859	3.190	ug/L	95
17) trans-1,2-Dichloroethene	3.353	96	7822	2.488	ug/L	92
18) Methyl tert-butyl Ether	3.359	73	23084	2.372	ug/L	96
19) 1,1-Dichloroethane	3.867	63	16324	2.551	ug/L	97
20) cis-1,2-Dichloroethene	4.665	96	9484	2.585	ug/L	96
22) 2-Butanone	4.710	43	15717m	4.759	ug/L	
23) Bromochloromethane	4.977	128	4915	2.427	ug/L	98
27) 1,2-Dichloroethane	5.793	62	13624	2.761	ug/L	97

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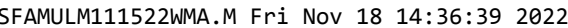
Reviewed By :Krupa Patel 11/18/2022
 Supervised By :Mahesh Dadoda 11/18/2022

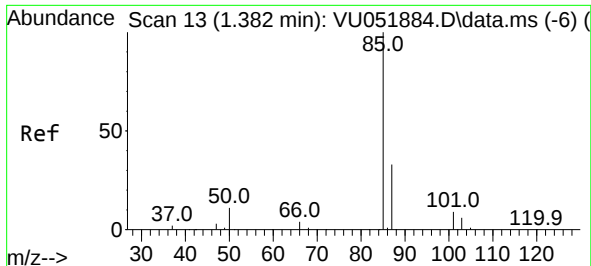
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	5.382	56	9705	2.342	ug/L	97
30) 1,1,1-Trichloroethane	5.311	97	12804	2.607	ug/L	99
31) Carbon tetrachloride	5.523	117	10824	2.636	ug/L	95
33) Benzene	5.774	78	36251	2.595	ug/L	100
35) Methylcyclohexane	6.761	83	11533	2.570	ug/L	94
37) 1,2-Dichloropropane	6.790	63	10414	2.632	ug/L #	95
38) Bromodichloromethane	7.105	83	12125	2.450	ug/L	96
39) cis-1,3-Dichloropropene	7.604	75	12798	2.473	ug/L	96
40) 4-Methyl-2-pentanone	7.787	43	23273	4.467	ug/L	95
42) Toluene	7.970	91	34810	2.422	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	12239m	2.468	ug/L	
45) 1,1,2-Trichloroethane	8.401	97	10237	2.546	ug/L	93
46) Tetrachloroethene	8.549	164	6401	2.421	ug/L	89
49) Dibromochloromethane	8.806	129	10287	2.482	ug/L	100
50) 1,2-Dibromoethane	8.922	107	10293	2.543	ug/L	89
51) Chlorobenzene	9.443	112	23892	2.433	ug/L	98
52) Ethylbenzene	9.568	91	32951	2.240	ug/L	97
53) m,p-Xylene	9.693	106	11255	1.977	ug/L	89
54) o-Xylene	10.099	106	11195	1.932	ug/L	100
55) Styrene	10.115	104	16829	1.683	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	19232	2.531	ug/L #	98
59) Bromoform	10.288	173	7339	2.806	ug/L	96
60) 1,2,3-Trichloropropane	10.819	75	13891	3.010	ug/L	98
61) Isopropylbenzene	10.481	105	25475	2.260	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	19596	2.133	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	17396	1.938	ug/L	97
64) 1,3-Dichlorobenzene	11.745	146	13830	2.420	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	14626	2.528	ug/L	98
67) 1,2-Dichlorobenzene	12.208	146	17001	2.798	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.992	75	3484	2.949	ug/L	95
69) 1,3,5-Trichlorobenzene	13.217	180	9221	2.432	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	7207	2.398	ug/L	97
71) Naphthalene	14.089	128	20596m	2.084	ug/L	
72) 1,2,3-Trichlorobenzene	14.330	180	7310	2.223	ug/L	97

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

Manual Integrations

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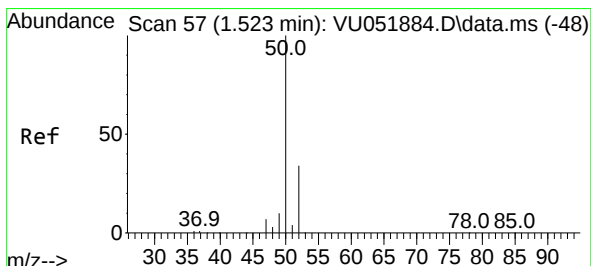
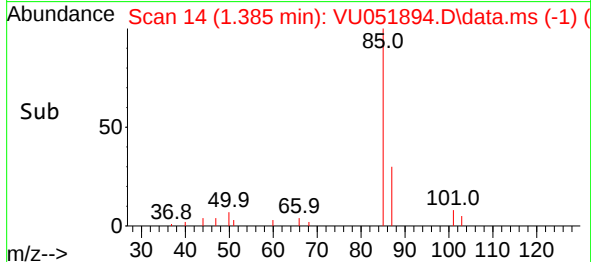
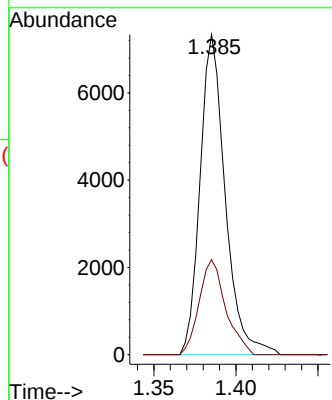
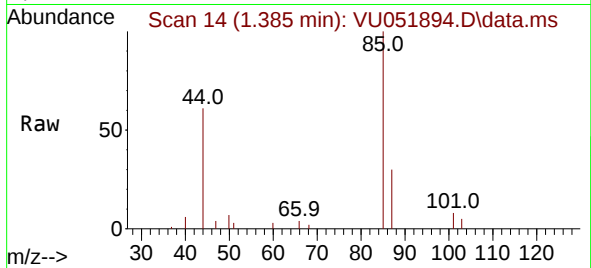
#2
Dichlorodifluoromethane
Concen: 2.599 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.003 min
Lab File: VU051894.D
Acq: 17 Nov 2022 14:14

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion: 85 Resp: 781
Ion Ratio Lower Upper
85 100
87 31.3 26.0 39.0

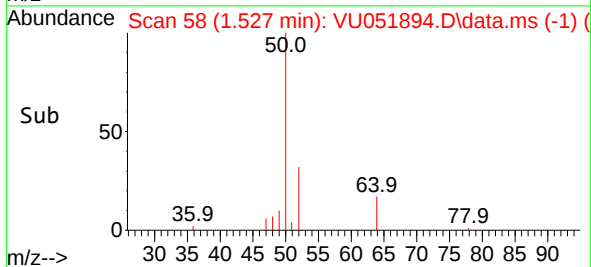
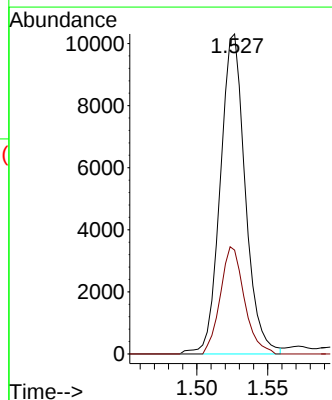
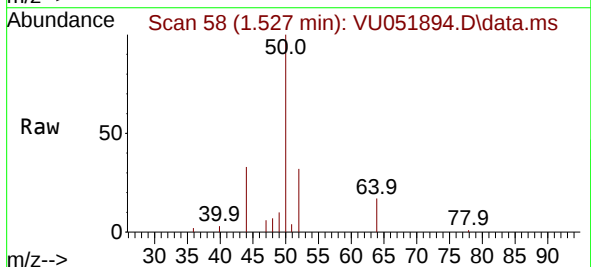
Manual Integrations
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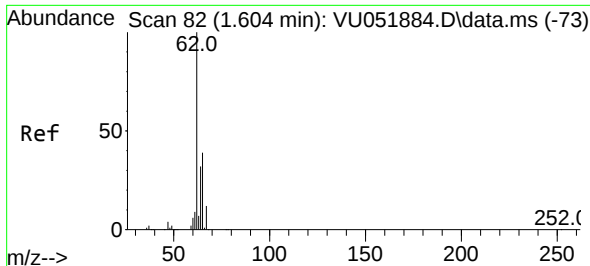
Reviewed By :Krupa Patel 11/18/2022
Supervised By :Mahesh Dadoda 11/18/2022



#3
Chloromethane
Concen: 3.163 ug/L
RT: 1.527 min Scan# 58
Delta R.T. 0.003 min
Lab File: VU051894.D
Acq: 17 Nov 2022 14:14

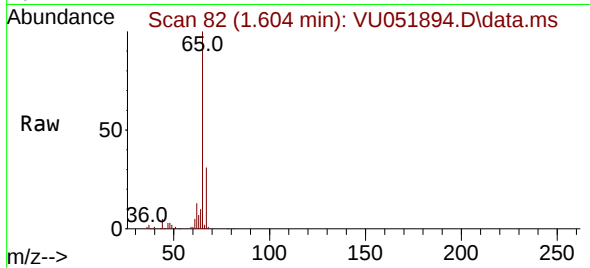
Tgt Ion: 50 Resp: 12627
Ion Ratio Lower Upper
50 100
52 32.5 23.4 43.6





#5
 Vinyl chloride
 Concen: 2.561 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU051894.D
 Acq: 17 Nov 2022 14:14

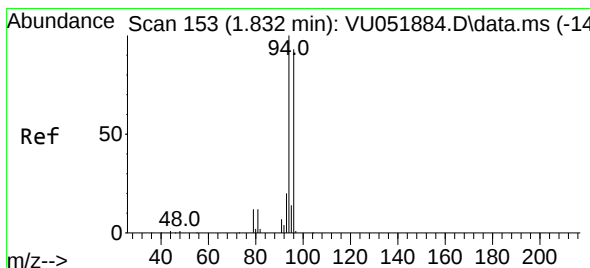
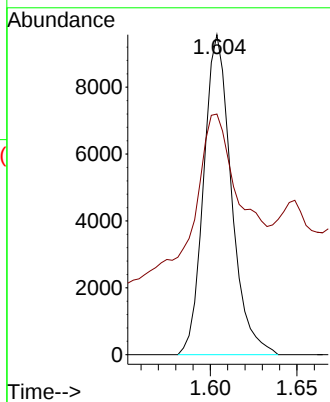
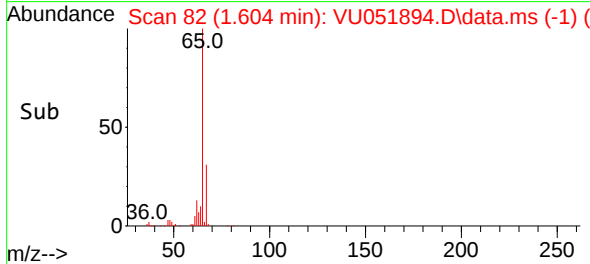
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL05



Tgt Ion: 62 Resp: 1060
 Ion Ratio Lower Upper
 62 100
 64 75.2 24.3 45.1

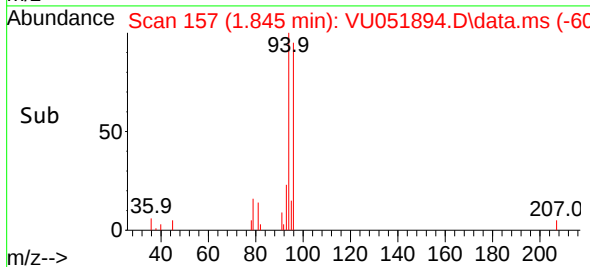
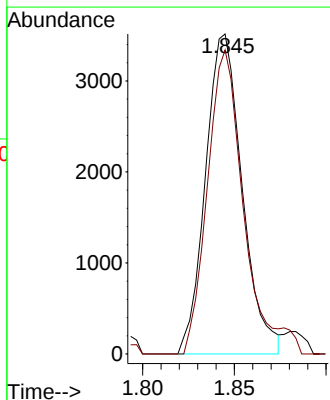
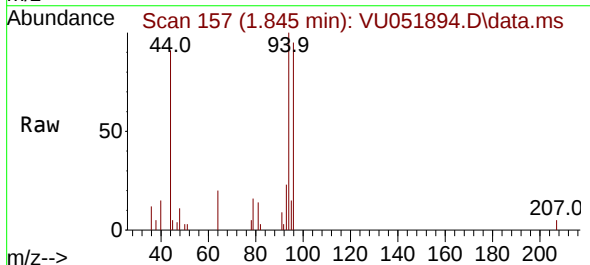
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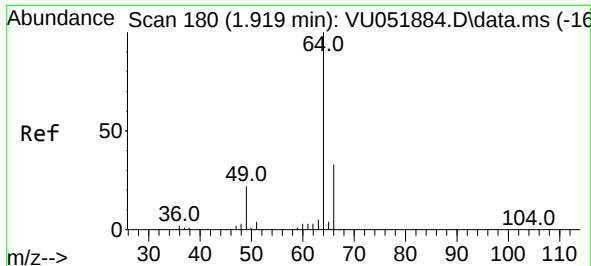
Reviewed By :Krupa Patel 11/18/2022
 Supervised By :Mahesh Dadoda 11/18/2022



#6
 Bromomethane
 Concen: 2.722 ug/L
 RT: 1.845 min Scan# 157
 Delta R.T. 0.013 min
 Lab File: VU051894.D
 Acq: 17 Nov 2022 14:14

Tgt Ion: 94 Resp: 4883
 Ion Ratio Lower Upper
 94 100
 96 95.0 66.1 122.7





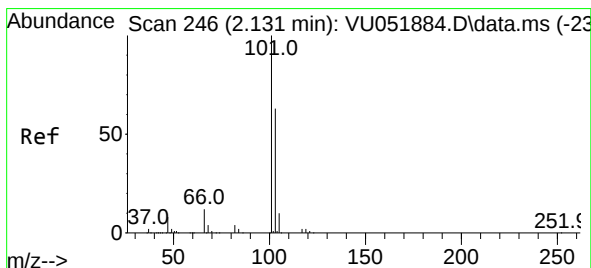
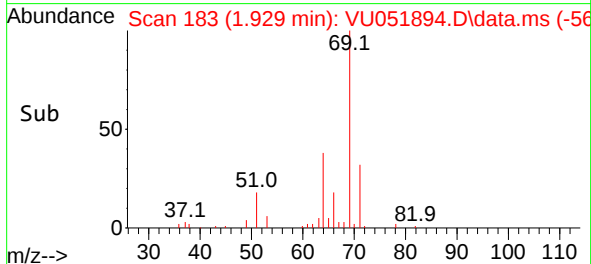
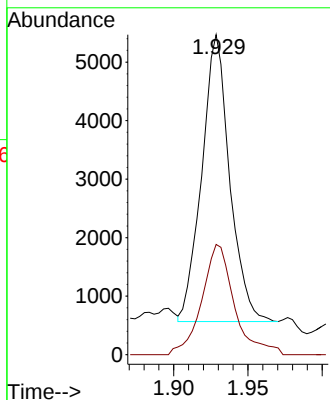
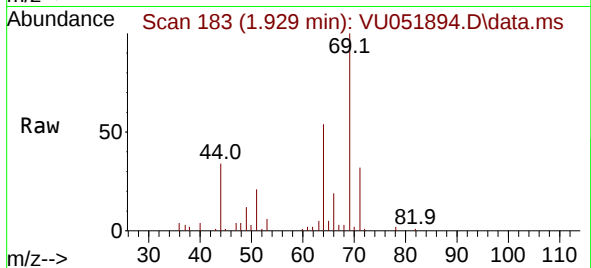
#8
Chloroethane
Concen: 2.379 ug/L
RT: 1.929 min Scan# 180
Delta R.T. 0.010 min
Lab File: VU051894.D
Acq: 17 Nov 2022 14:14

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion: 64 Resp: 6404
Ion Ratio Lower Upper
64 100
66 34.4 22.4 41.6

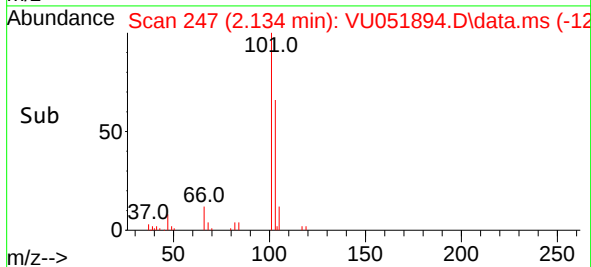
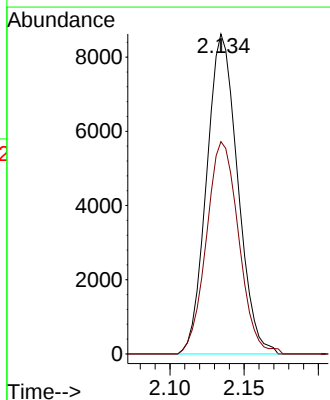
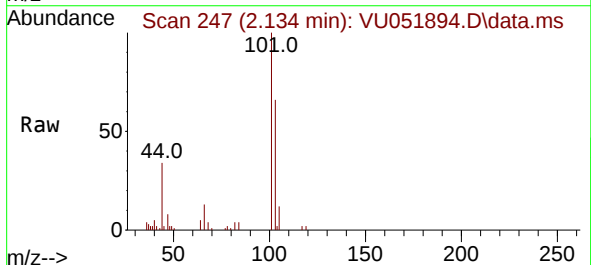
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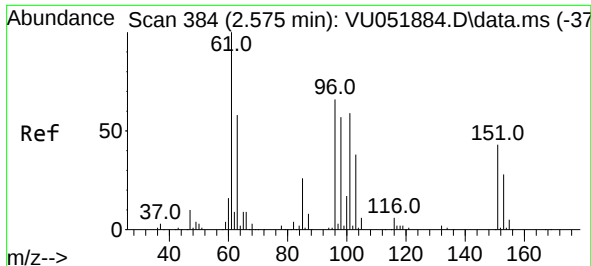
Reviewed By :Krupa Patel 11/18/2022
Supervised By :Mahesh Dadoda 11/18/2022



#9
Trichlorofluoromethane
Concen: 2.530 ug/L
RT: 2.134 min Scan# 247
Delta R.T. 0.003 min
Lab File: VU051894.D
Acq: 17 Nov 2022 14:14

Tgt Ion:101 Resp: 12541
Ion Ratio Lower Upper
101 100
103 68.6 51.4 77.2





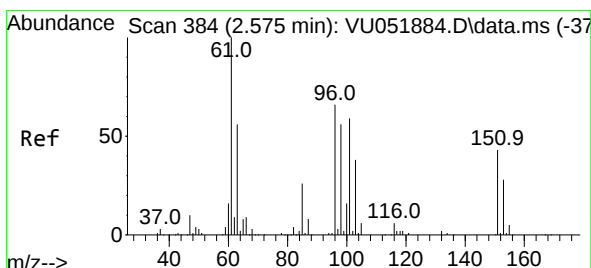
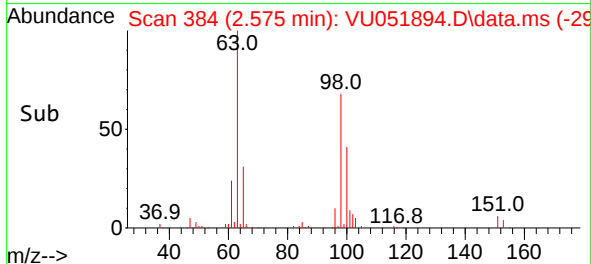
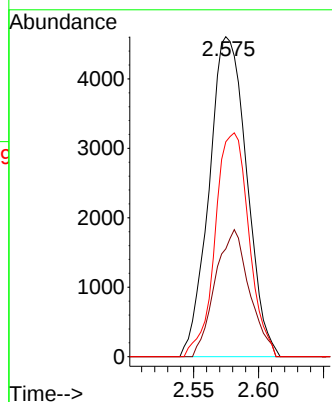
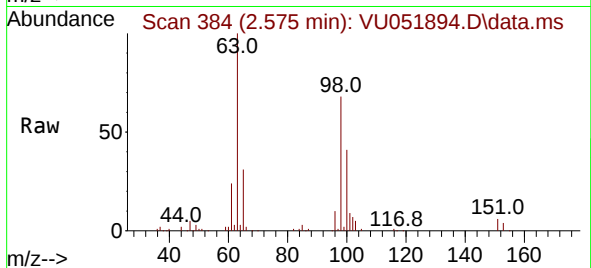
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.968 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.000 min
Lab File: VU051894.D
Acq: 17 Nov 2022 14:14

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion:101 Resp: 9272
Ion Ratio Lower Upper
101 100
85 36.1 34.2 51.2
151 62.9 58.3 87.5

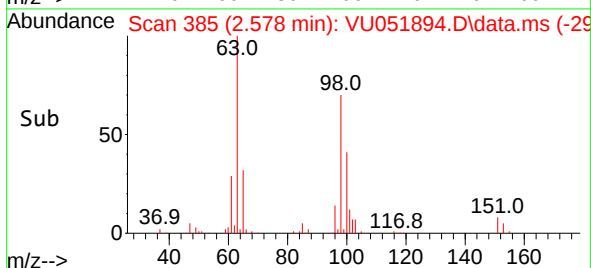
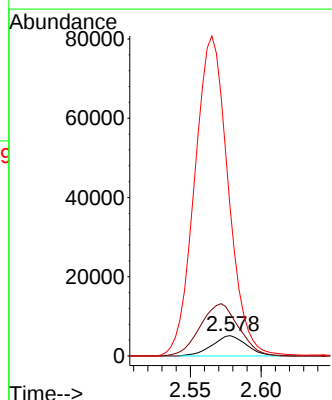
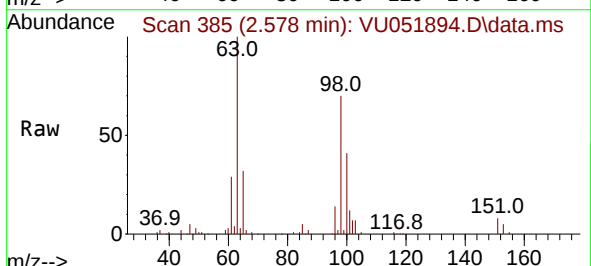
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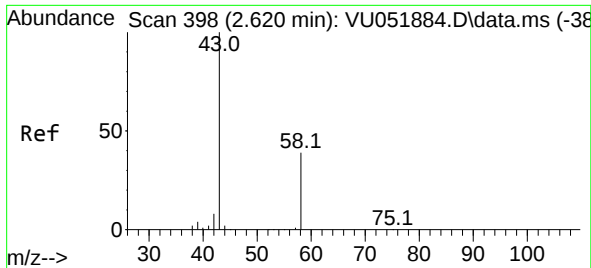
Reviewed By :Krupa Patel 11/18/2022
Supervised By :Mahesh Dadoda 11/18/2022



#12
1,1-Dichloroethene
Concen: 2.946 ug/L
RT: 2.578 min Scan# 385
Delta R.T. 0.003 min
Lab File: VU051894.D
Acq: 17 Nov 2022 14:14

Tgt Ion: 96 Resp: 8594
Ion Ratio Lower Upper
96 100
61 210.8 110.7 205.5#
63 739.1 68.6 127.4#





#13

Acetone

Concen: 3.763 ug/L

RT: 2.623 min Scan# 399

Delta R.T. 0.003 min

Lab File: VU051894.D

Acq: 17 Nov 2022 14:14

Instrument :

MSVOA_U

ClientSampleId :

MDL05

Tgt Ion: 43 Resp: 11004

Ion Ratio Lower Upper

43 100

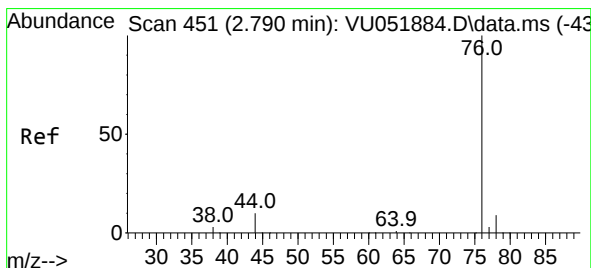
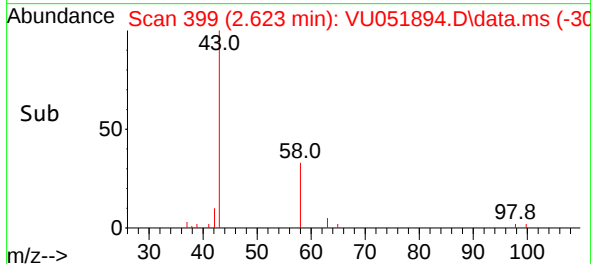
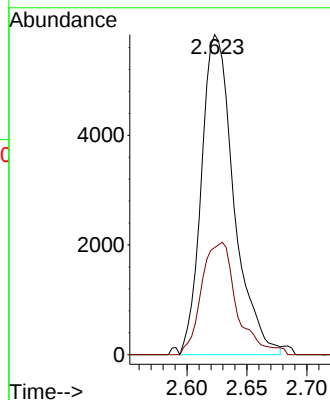
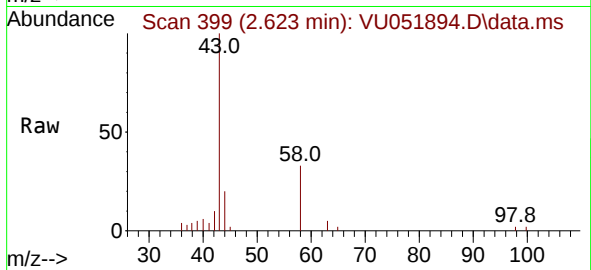
58 37.9 0.0 75.4

Manual Integrations

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Reviewed By :Krupa Patel 11/18/2022

Supervised By :Mahesh Dadoda 11/18/2022



#14

Carbon disulfide

Concen: 2.525 ug/L

RT: 2.790 min Scan# 451

Delta R.T. -0.000 min

Lab File: VU051894.D

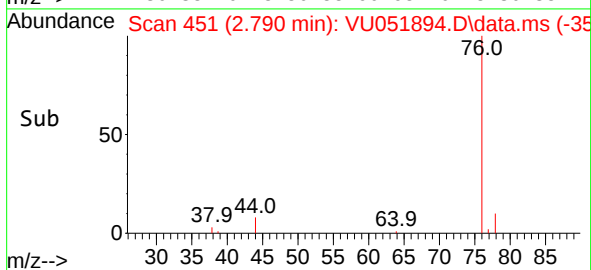
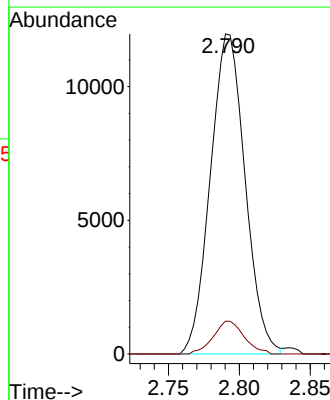
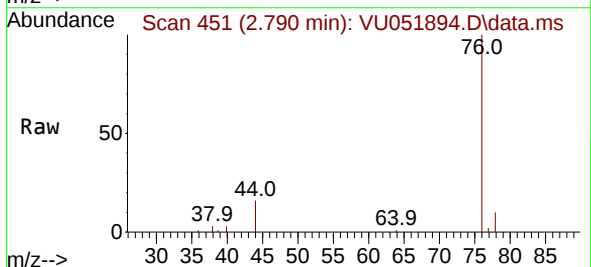
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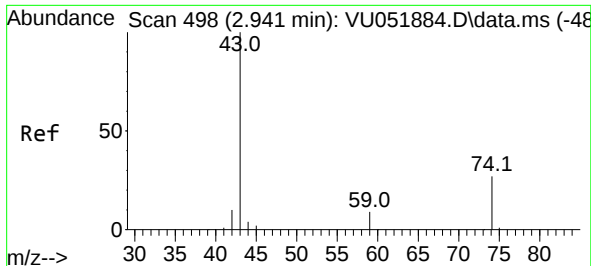
Tgt Ion: 76 Resp: 20407

Ion Ratio Lower Upper

76 100

78 10.3 7.4 11.0





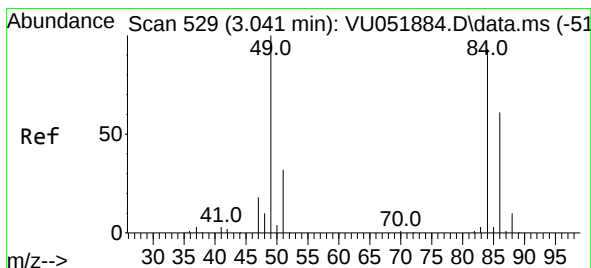
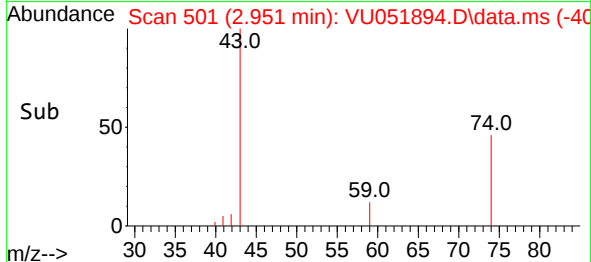
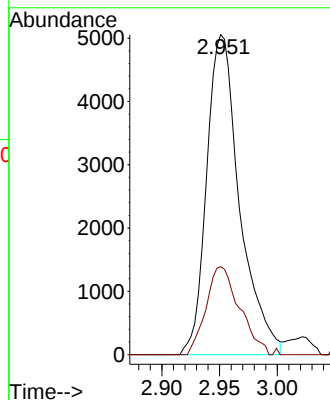
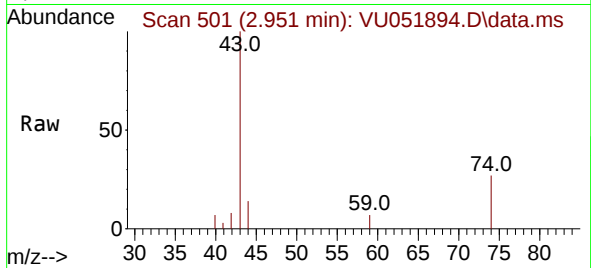
#15
Methyl Acetate
Concen: 2.521 ug/L
RT: 2.951 min Scan# 501
Delta R.T. 0.010 min
Lab File: VU051894.D
Acq: 17 Nov 2022 14:14

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion: 43 Resp: 1005
Ion Ratio Lower Upper
43 100
74 27.9 21.8 32.8

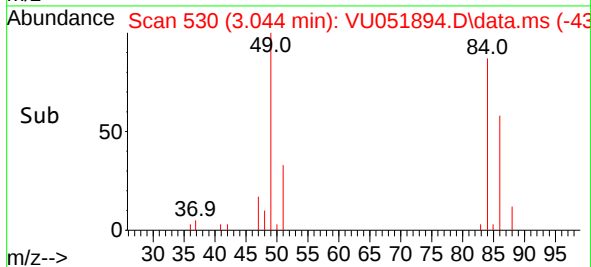
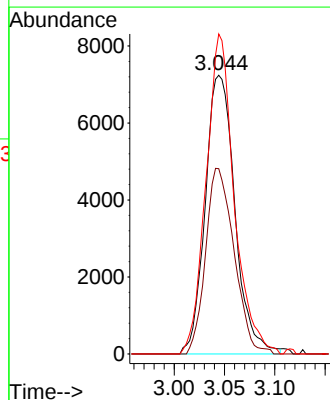
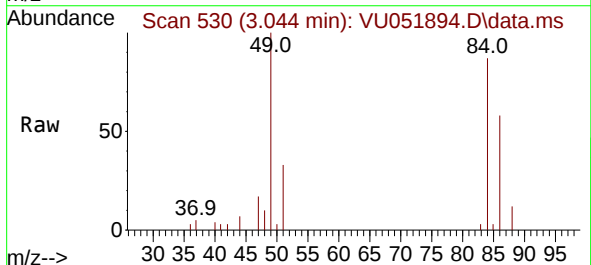
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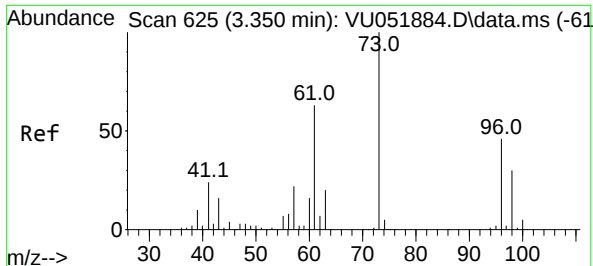
Reviewed By :Krupa Patel 11/18/2022
Supervised By :Mahesh Dadoda 11/18/2022



#16
Methylene chloride
Concen: 3.190 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.003 min
Lab File: VU051894.D
Acq: 17 Nov 2022 14:14

Tgt Ion: 84 Resp: 14859
Ion Ratio Lower Upper
84 100
86 66.5 44.7 82.9
49 114.8 76.5 142.1





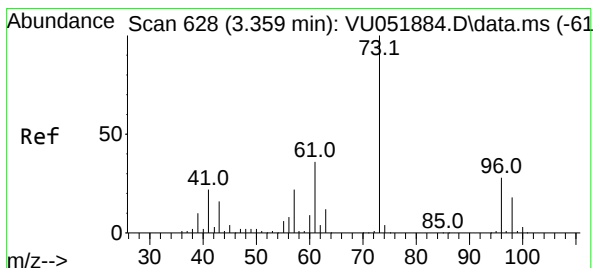
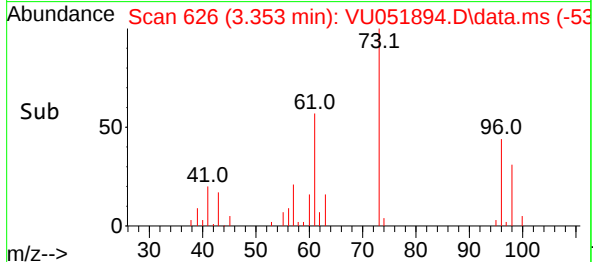
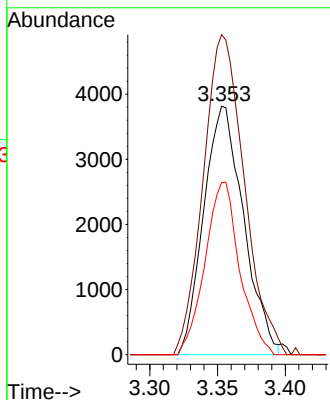
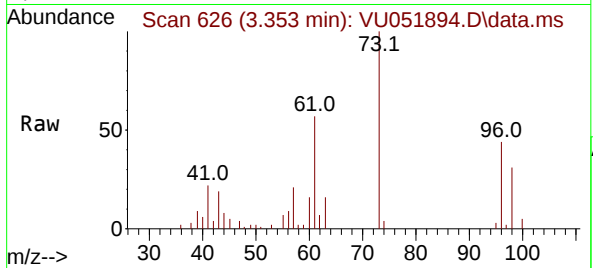
#17
trans-1,2-Dichloroethene
Concen: 2.488 ug/L
RT: 3.353 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU051894.D
Acq: 17 Nov 2022 14:14

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion: 96 Resp: 782
Ion Ratio Lower Upper
96 100
61 128.8 98.3 182.7
98 69.3 45.5 84.5

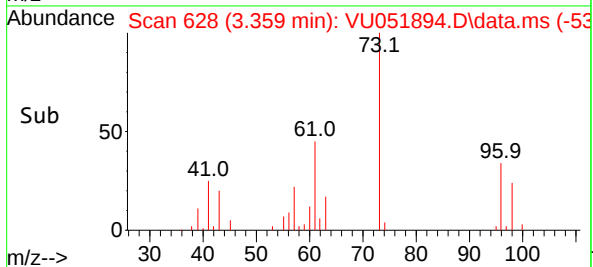
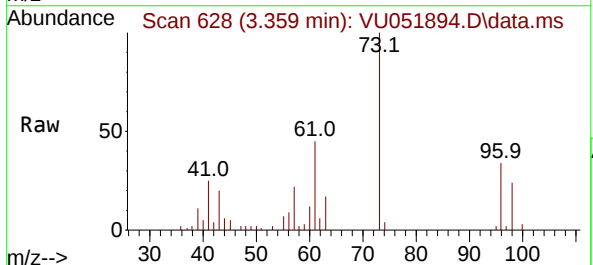
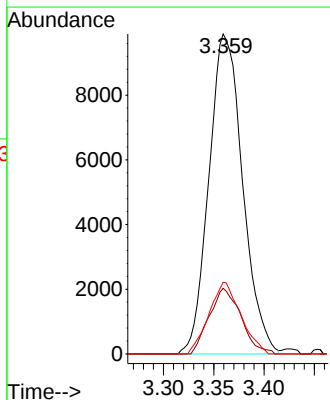
Manual Integrations
APPROVED

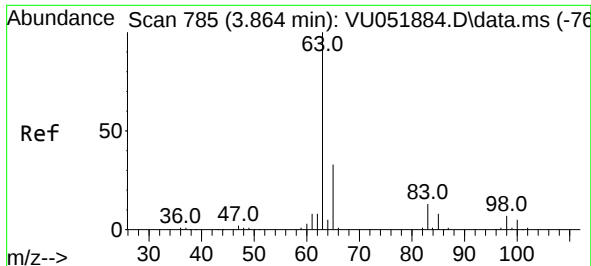
Reviewed By :Krupa Patel 11/18/2022
Supervised By :Mahesh Dadoda 11/18/2022



#18
Methyl tert-butyl Ether
Concen: 2.372 ug/L
RT: 3.359 min Scan# 628
Delta R.T. -0.000 min
Lab File: VU051894.D
Acq: 17 Nov 2022 14:14

Tgt Ion: 73 Resp: 23084
Ion Ratio Lower Upper
73 100
43 19.3 13.4 20.0
57 21.1 17.7 26.5





#19

1,1-Dichloroethane

Concen: 2.551 ug/L

RT: 3.867 min Scan# 785

Delta R.T. 0.003 min

Lab File: VU051894.D

Acq: 17 Nov 2022 14:14

Instrument :

MSVOA_U

ClientSampleId :

MDL05

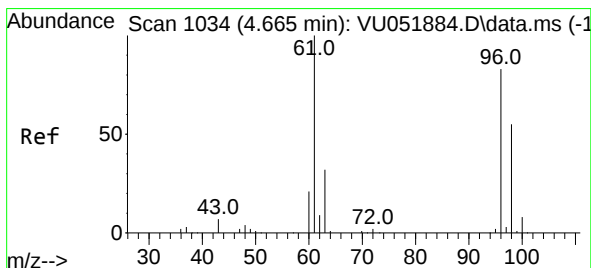
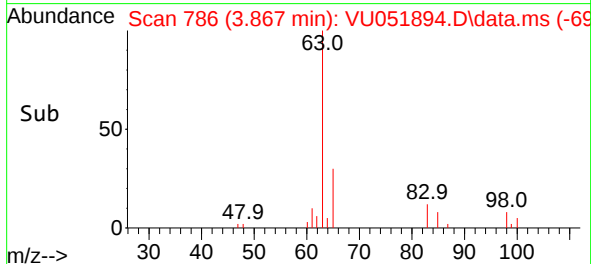
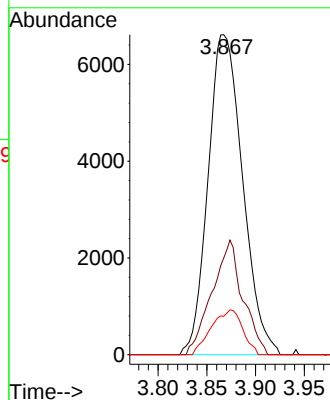
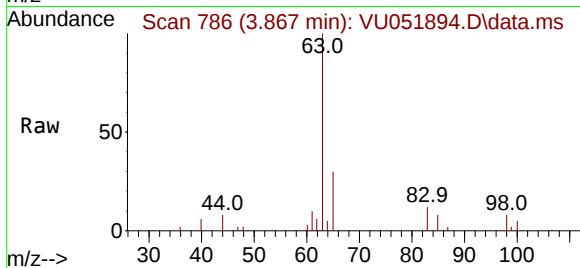
Tgt Ion: 63 Resp: 16324
 Ion Ratio Lower Upper
 63 100
 65 30.2 22.2 41.2
 83 12.0 9.6 17.8

Manual Integrations

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Reviewed By :Krupa Patel 11/18/2022

Supervised By :Mahesh Dadoda 11/18/2022



#20

cis-1,2-Dichloroethene

Concen: 2.585 ug/L

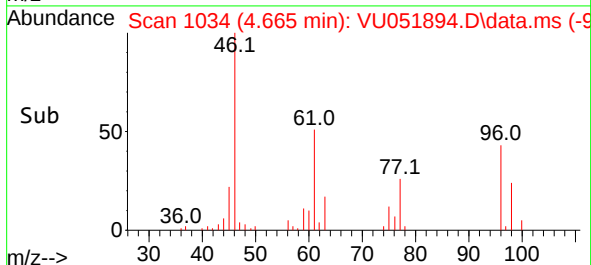
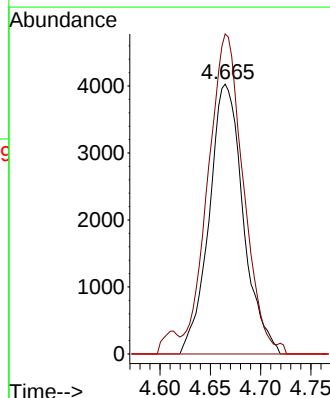
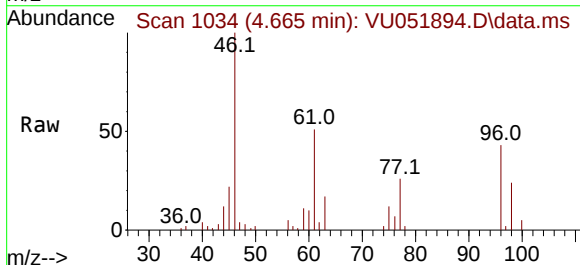
RT: 4.665 min Scan# 1034

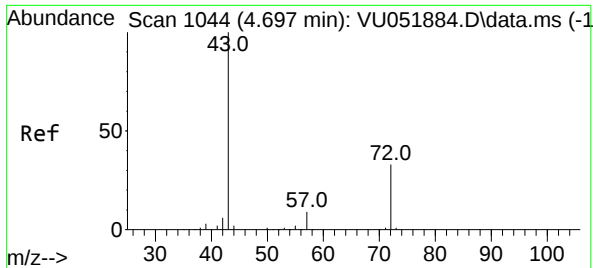
Delta R.T. -0.000 min

Lab File: VU051894.D

Acq: 17 Nov 2022 14:14

Tgt Ion: 96 Resp: 9484
 Ion Ratio Lower Upper
 96 100
 61 118.6 86.0 159.8
 68 0.0 0.0 0.0





#22

2-Butanone

Concen: 4.759 ug/L m

RT: 4.710 min Scan# 1044

Delta R.T. 0.013 min

Lab File: VU051894.D

Acq: 17 Nov 2022 14:14

Instrument :

MSVOA_U

ClientSampleId :

MDL05

Tgt Ion: 43 Resp: 1571

Ion Ratio Lower Upper

43 100

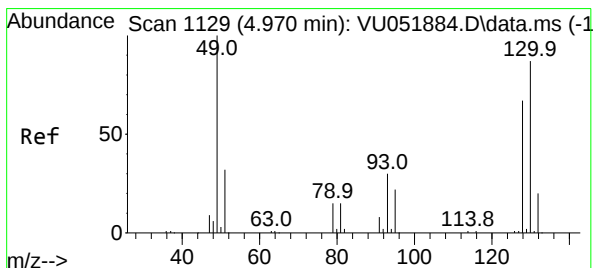
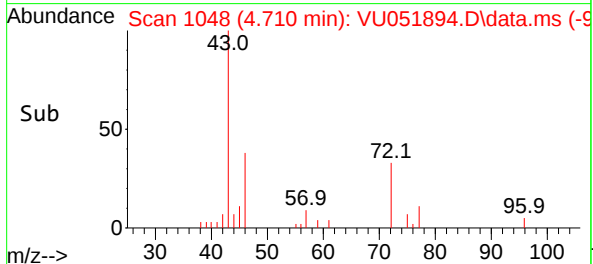
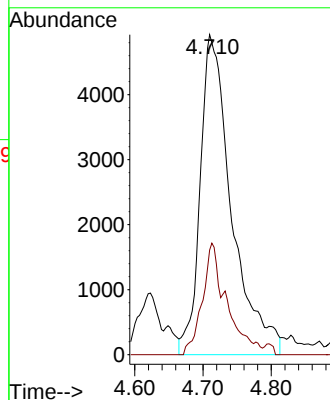
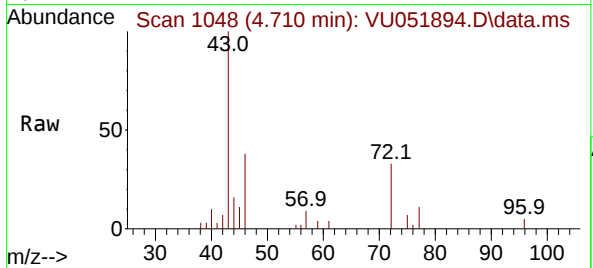
72 17.6 15.7 47.1

Manual Integrations

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Reviewed By :Krupa Patel 11/18/2022

Supervised By :Mahesh Dadoda 11/18/2022



#23

Bromochloromethane

Concen: 2.427 ug/L

RT: 4.977 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VU051894.D

Acq: 17 Nov 2022 14:14

Tgt Ion:128 Resp: 4915

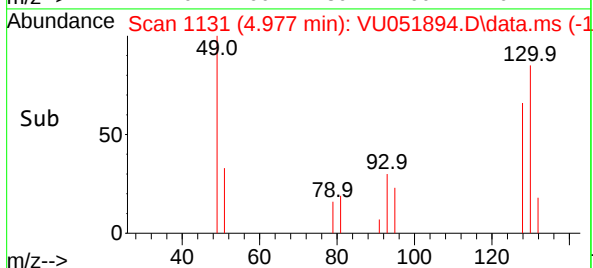
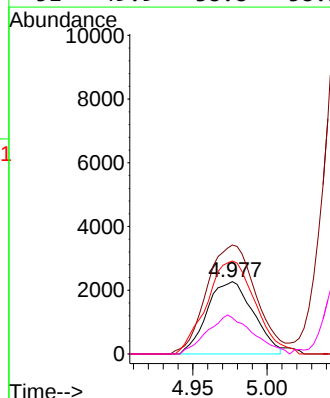
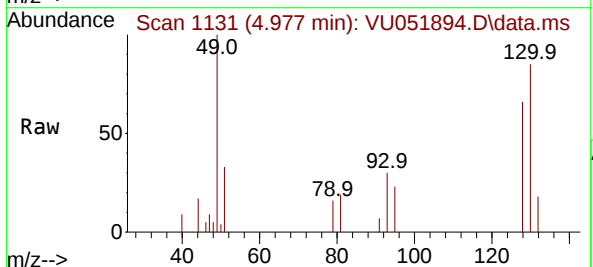
Ion Ratio Lower Upper

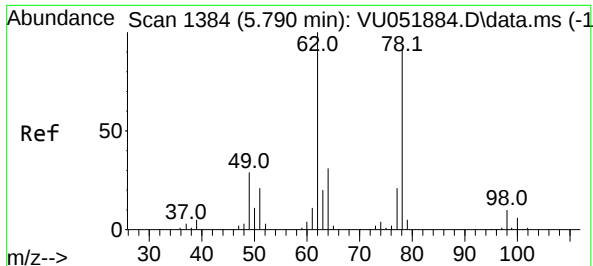
128 100

49 150.6 107.2 199.0

130 128.5 92.5 171.7

51 49.9 38.8 58.2





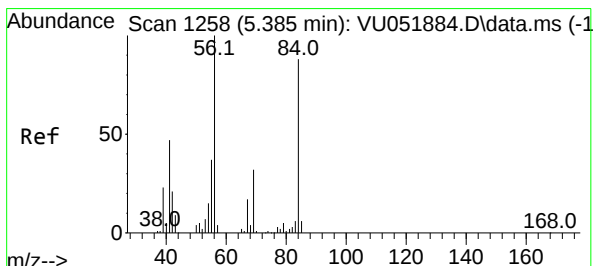
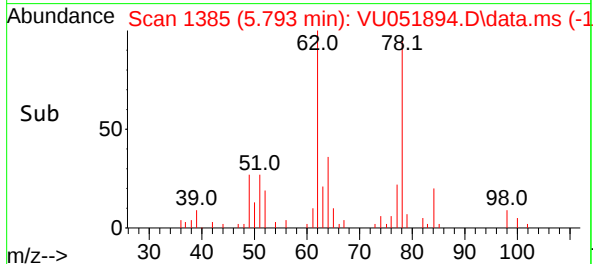
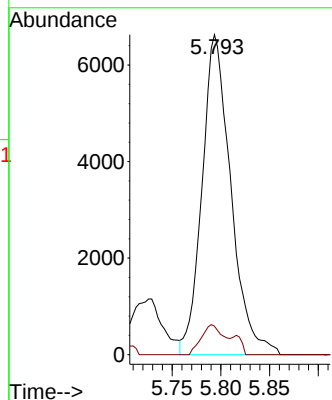
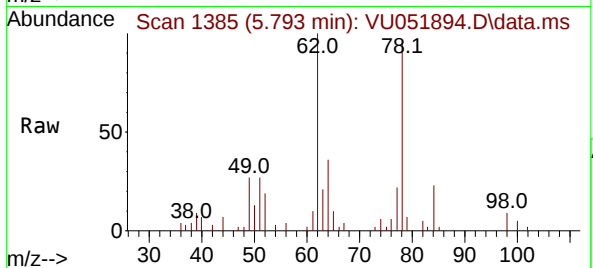
#27
1,2-Dichloroethane
Concen: 2.761 ug/L
RT: 5.793 min Scan# 1384
Delta R.T. 0.003 min
Lab File: VU051894.D
Acq: 17 Nov 2022 14:14

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion: 62 Resp: 13624
Ion Ratio Lower Upper
62 100
98 8.9 8.1 12.1

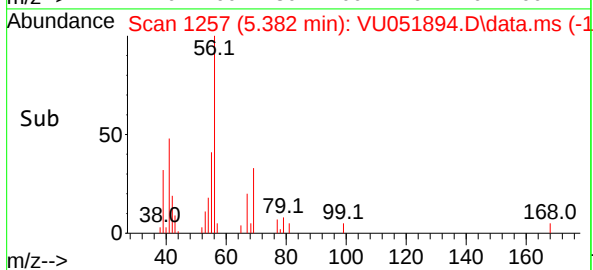
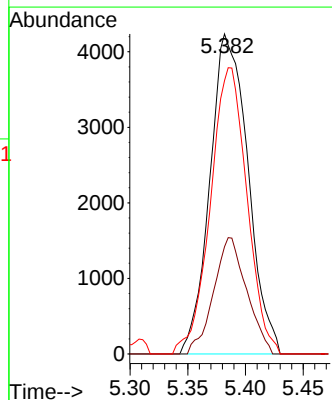
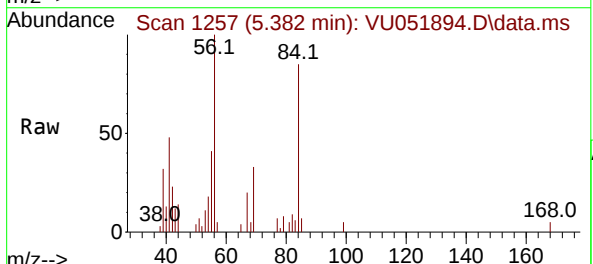
Manual Integrations
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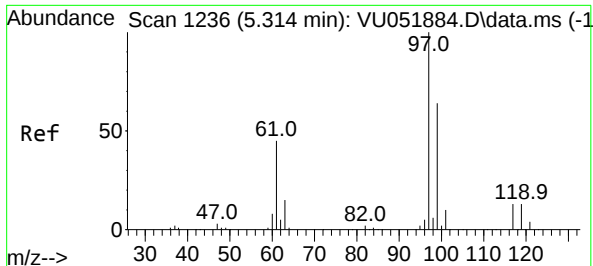
Reviewed By :Krupa Patel 11/18/2022
Supervised By :Mahesh Dadoda 11/18/2022



#29
Cyclohexane
Concen: 2.342 ug/L
RT: 5.382 min Scan# 1257
Delta R.T. -0.003 min
Lab File: VU051894.D
Acq: 17 Nov 2022 14:14

Tgt Ion: 56 Resp: 9705
Ion Ratio Lower Upper
56 100
69 31.6 25.4 38.2
84 85.9 71.4 107.0





#30

1,1,1-Trichloroethane

Concen: 2.607 ug/L

RT: 5.311 min Scan# 1236

Delta R.T. -0.003 min

Lab File: VU051894.D

Acq: 17 Nov 2022 14:14

Instrument :

MSVOA_U

ClientSampleId :

MDL05

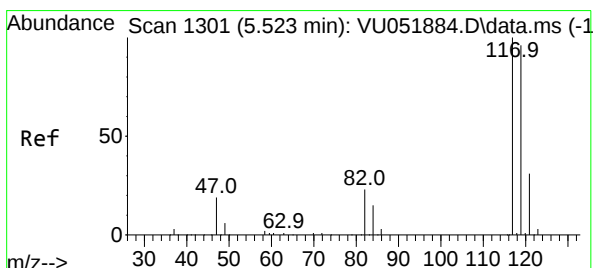
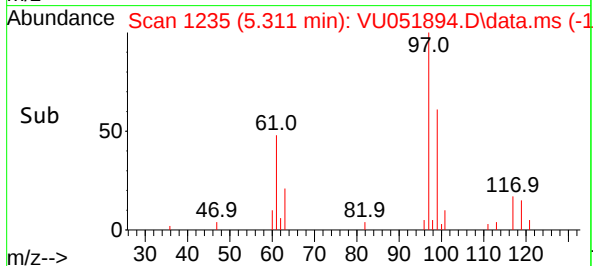
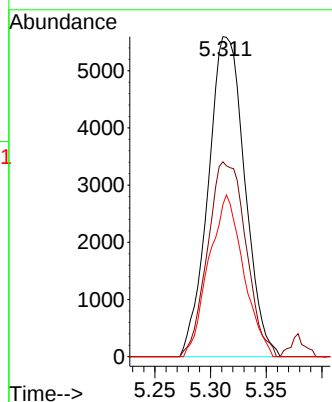
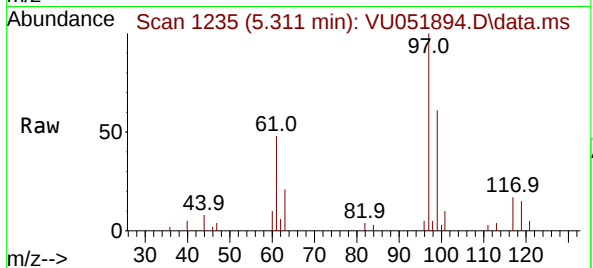
Tgt Ion: 97	Resp: 12804
Ion Ratio	Lower Upper
97 100	
99 63.6	51.2 76.8
61 47.9	37.4 56.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/18/2022

Supervised By :Mahesh Dadoda 11/18/2022



#31

Carbon tetrachloride

Concen: 2.636 ug/L

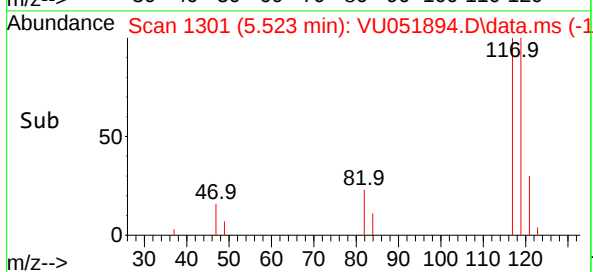
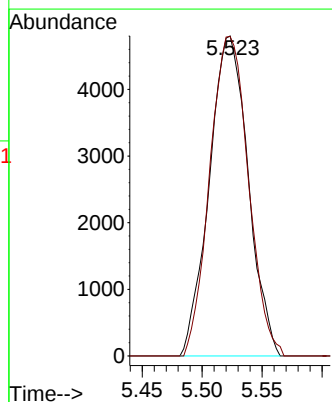
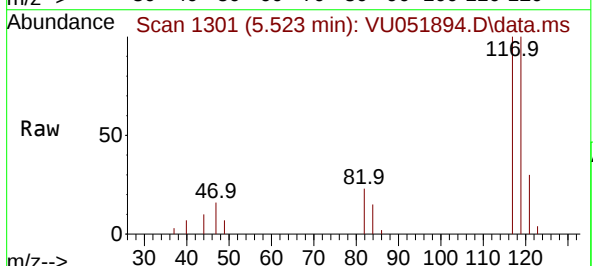
RT: 5.523 min Scan# 1301

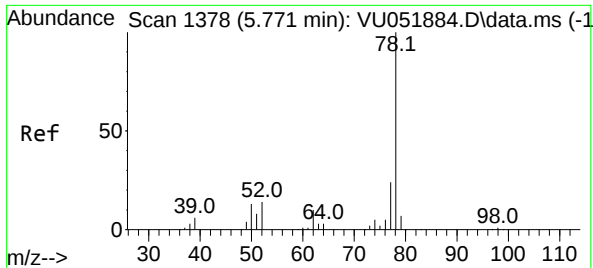
Delta R.T. -0.000 min

Lab File: VU051894.D

Acq: 17 Nov 2022 14:14

Tgt Ion:117	Resp: 10824
Ion Ratio	Lower Upper
117 100	
119 99.0	75.6 113.4





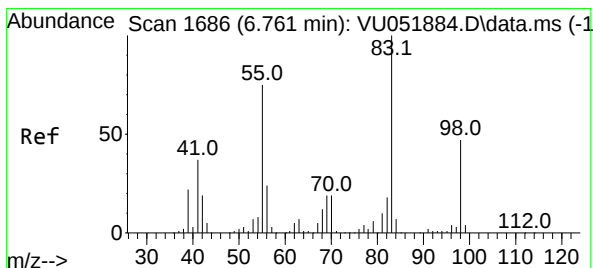
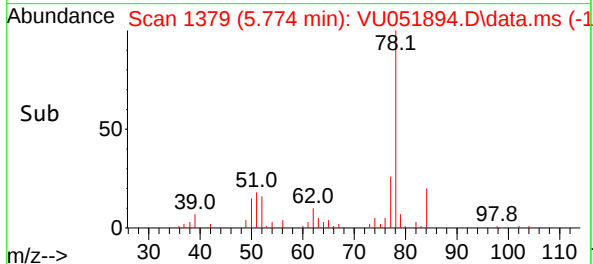
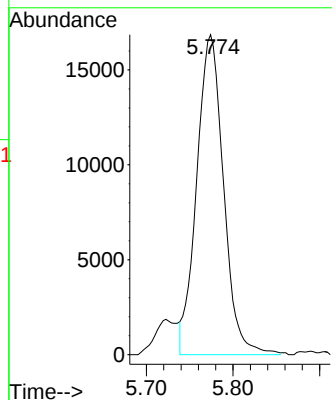
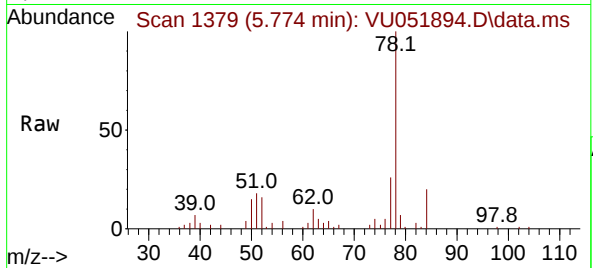
#33
Benzene
Concen: 2.595 ug/L
RT: 5.774 min Scan# 1378
Delta R.T. 0.003 min
Lab File: VU051894.D
Acq: 17 Nov 2022 14:14

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion: 78 Resp: 3625

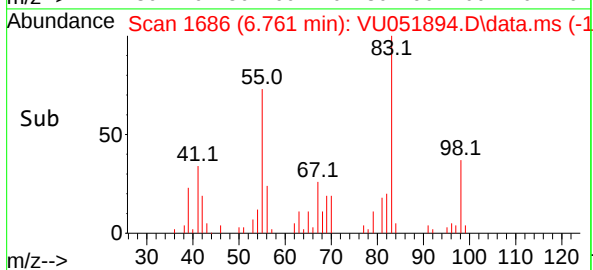
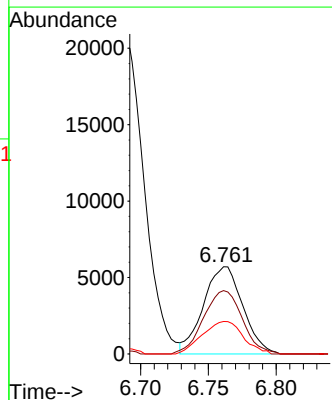
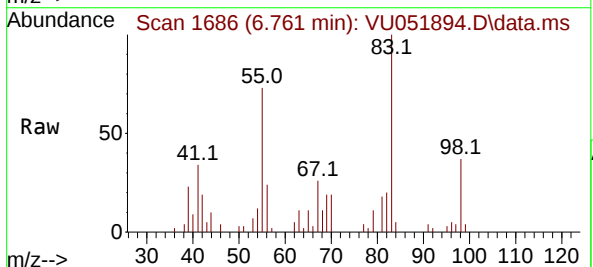
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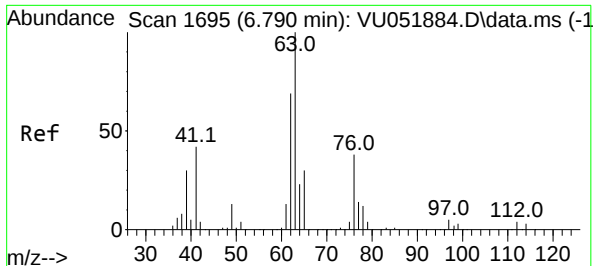
Reviewed By :Krupa Patel 11/18/2022
Supervised By :Mahesh Dadoda 11/18/2022



#35
Methylcyclohexane
Concen: 2.570 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VU051894.D
Acq: 17 Nov 2022 14:14

Tgt Ion: 83 Resp: 11533
Ion Ratio Lower Upper
83 100
55 71.2 60.0 90.0
98 38.5 35.8 53.8





#37

1,2-Dichloropropane

Concen: 2.632 ug/L

RT: 6.790 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU051894.D

Acq: 17 Nov 2022 14:14

Instrument :

MSVOA_U

ClientSampleId :

MDL05

Tgt Ion: 63 Resp: 10414

Ion Ratio Lower Upper

63 100

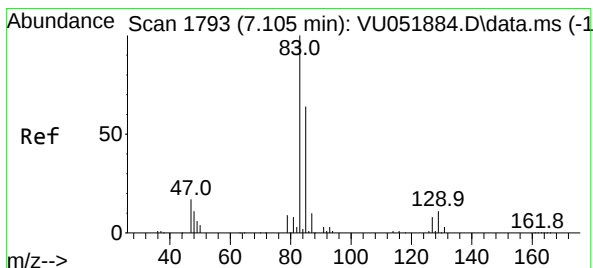
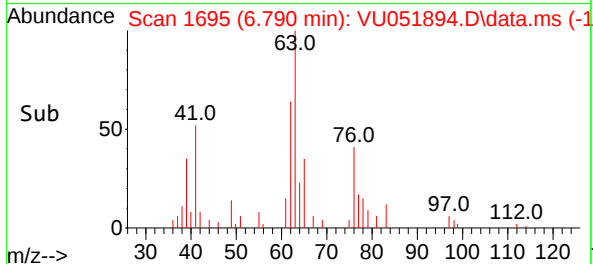
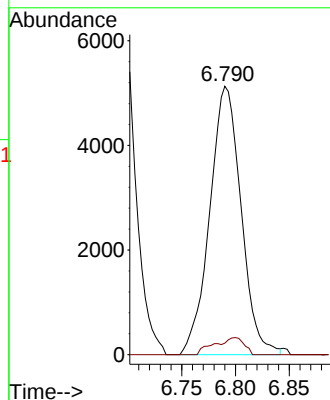
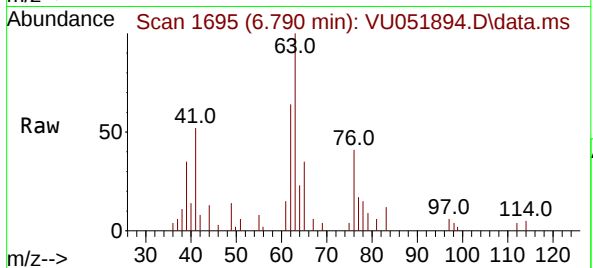
112 2.3 3.0 4.6

Manual Integrations

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Reviewed By :Krupa Patel 11/18/2022

Supervised By :Mahesh Dadoda 11/18/2022



#38

Bromodichloromethane

Concen: 2.450 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VU051894.D

Acq: 17 Nov 2022 14:14

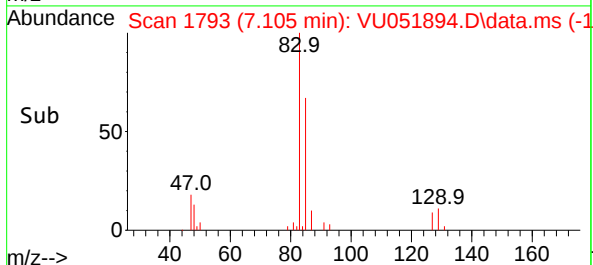
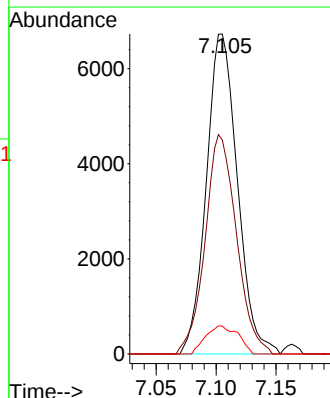
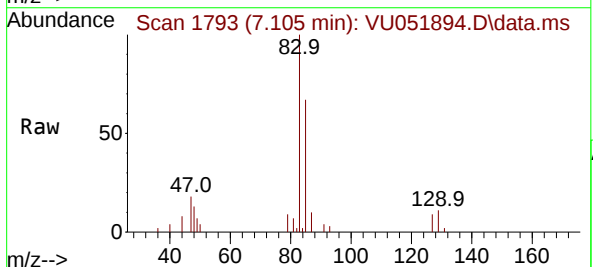
Tgt Ion: 83 Resp: 12125

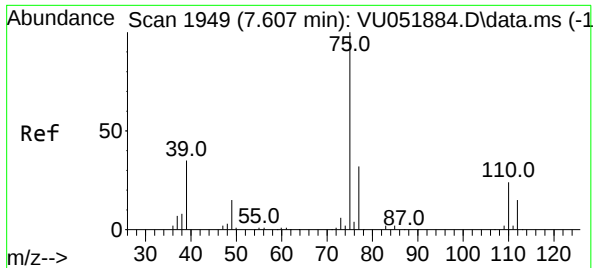
Ion Ratio Lower Upper

83 100

85 66.9 44.6 82.8

127 8.7 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 2.473 ug/L

RT: 7.604 min Scan# 1949

Delta R.T. -0.003 min

Lab File: VU051894.D

Acq: 17 Nov 2022 14:14

Instrument :

MSVOA_U

ClientSampleId :

MDL05

Tgt Ion: 75 Resp: 12798

Ion Ratio Lower Upper

75 100

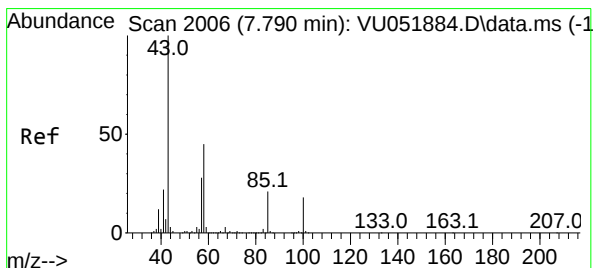
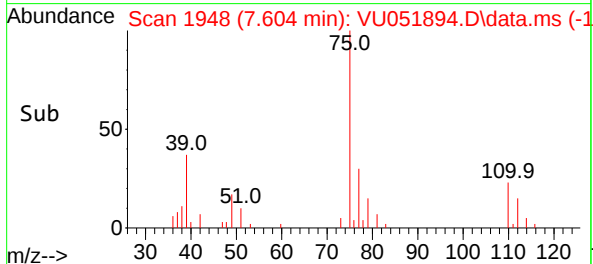
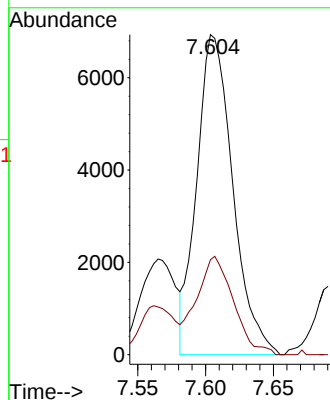
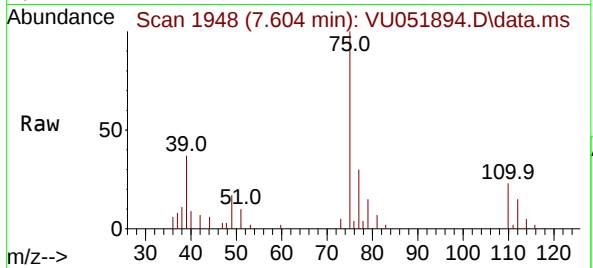
77 29.6 22.5 41.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/18/2022

Supervised By :Mahesh Dadoda 11/18/2022



#40

4-Methyl-2-pentanone

Concen: 4.467 ug/L

RT: 7.787 min Scan# 2005

Delta R.T. -0.003 min

Lab File: VU051894.D

Acq: 17 Nov 2022 14:14

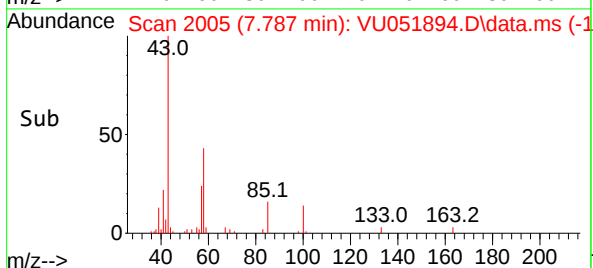
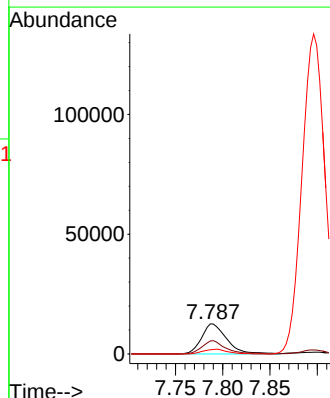
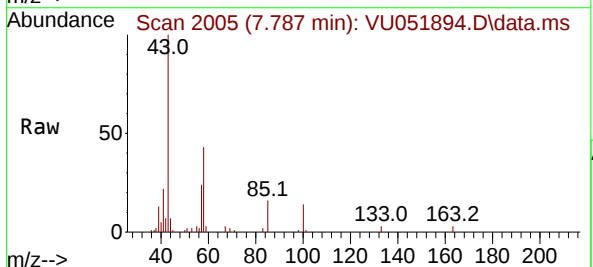
Tgt Ion: 43 Resp: 23273

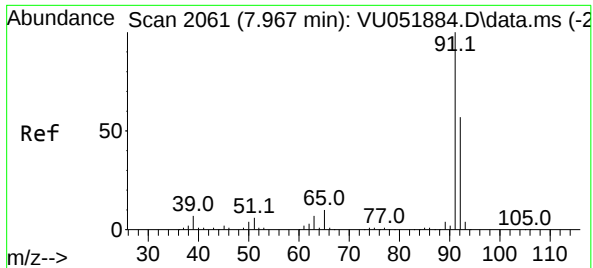
Ion Ratio Lower Upper

43 100

58 40.7 35.4 53.2

100 14.9 13.4 20.0





#42

Toluene

Concen: 2.422 ug/L

RT: 7.970 min Scan# 2061

Delta R.T. 0.003 min

Lab File: VU051894.D

Acq: 17 Nov 2022 14:14

Instrument :

MSVOA_U

ClientSampleId :

MDL05

Tgt Ion: 91 Resp: 34810

Ion Ratio Lower Upper

91 100

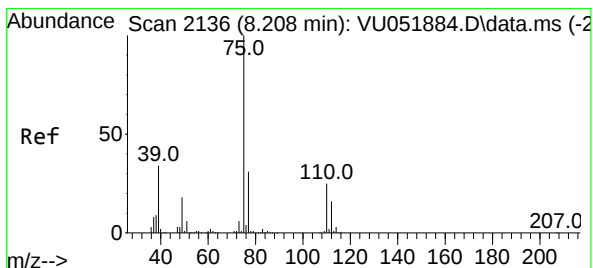
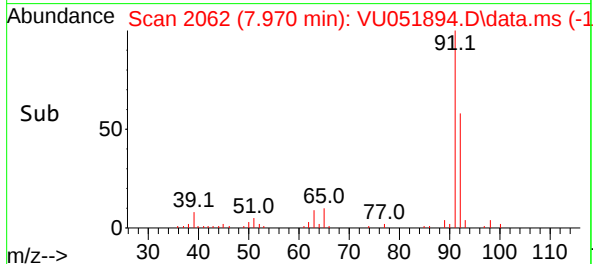
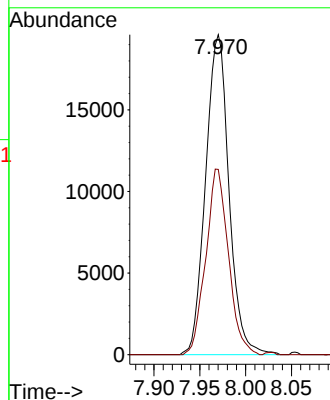
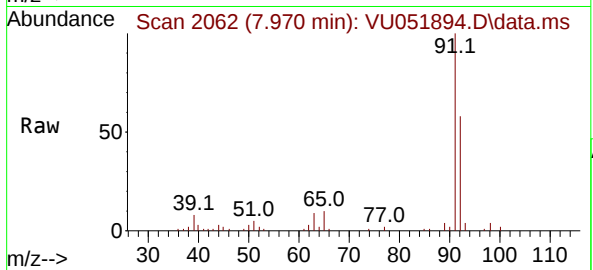
92 57.9 39.5 73.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/18/2022

Supervised By :Mahesh Dadoda 11/18/2022



#44

trans-1,3-Dichloropropene

Concen: 2.468 ug/L m

RT: 8.211 min Scan# 2137

Delta R.T. 0.003 min

Lab File: VU051894.D

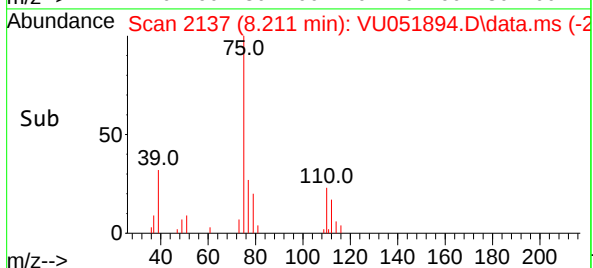
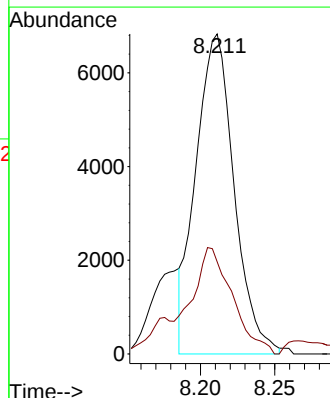
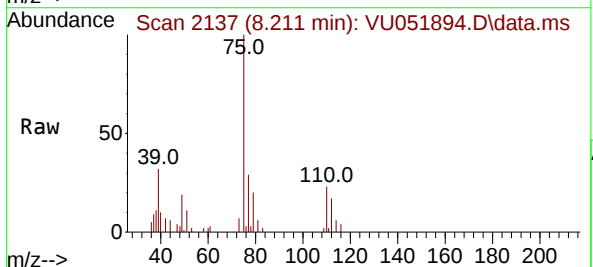
Acq: 17 Nov 2022 14:14

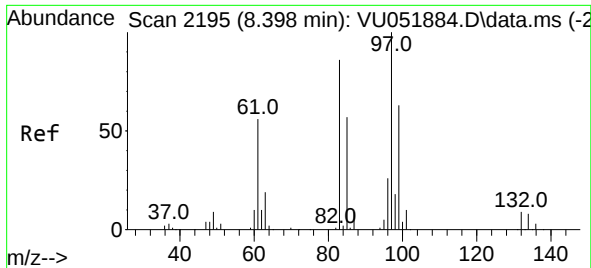
Tgt Ion: 75 Resp: 12239

Ion Ratio Lower Upper

75 100

77 28.8 21.8 40.6





#45

1,1,2-Trichloroethane

Concen: 2.546 ug/L

RT: 8.401 min Scan# 2195

Delta R.T. 0.003 min

Lab File: VU051894.D

Acq: 17 Nov 2022 14:14

Instrument :

MSVOA_U

ClientSampleId :

MDL05

Tgt Ion: 97 Resp: 1023

Ion Ratio Lower Upper

97 100

99 61.0 44.3 82.3

83 77.0 62.3 115.7

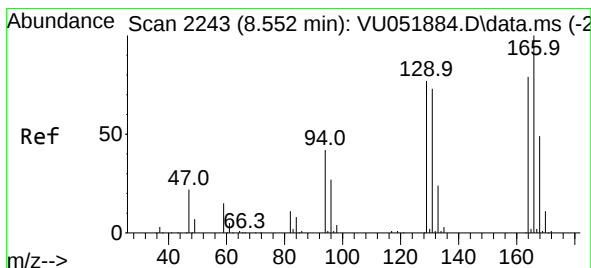
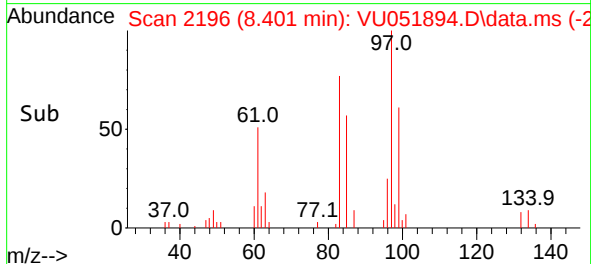
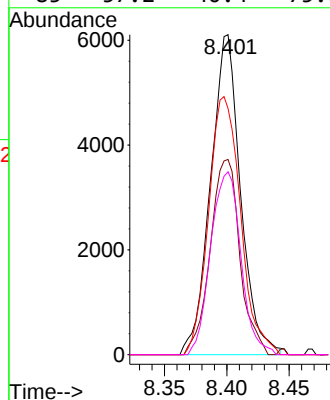
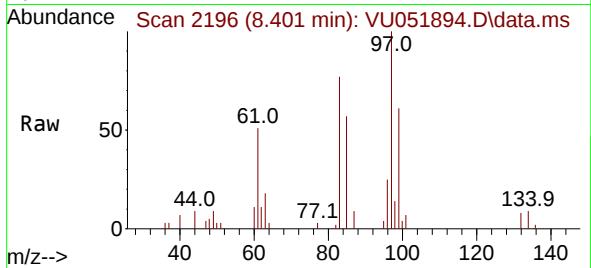
85 57.2 40.4 75.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/18/2022

Supervised By :Mahesh Dadoda 11/18/2022



#46

Tetrachloroethene

Concen: 2.421 ug/L

RT: 8.549 min Scan# 2242

Delta R.T. -0.003 min

Lab File: VU051894.D

Acq: 17 Nov 2022 14:14

Tgt Ion:164 Resp: 6401

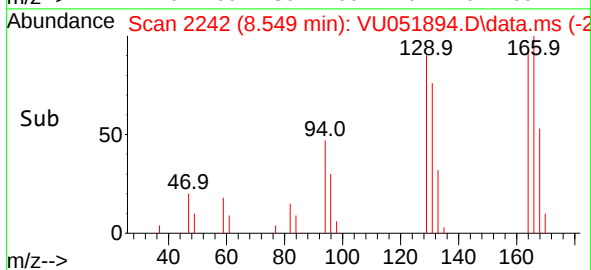
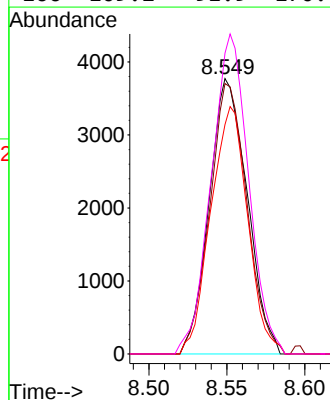
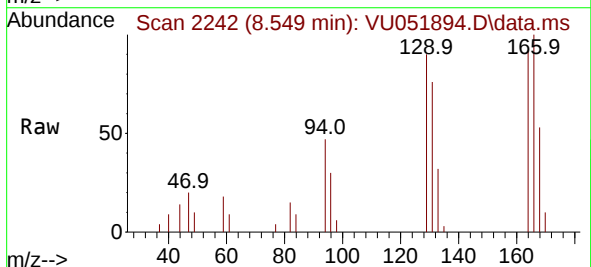
Ion Ratio Lower Upper

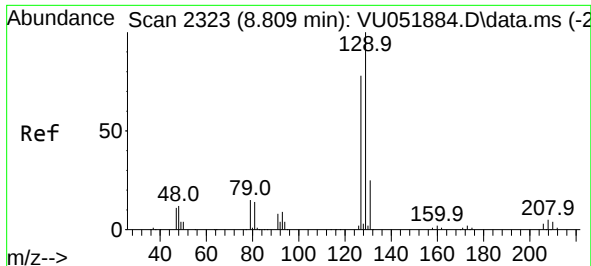
164 100

129 98.2 68.5 127.1

131 83.3 66.6 123.8

166 109.2 91.9 170.7





#49

Dibromochloromethane

Concen: 2.482 ug/L

RT: 8.806 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU051894.D

Acq: 17 Nov 2022 14:14

Instrument :

MSVOA_U

ClientSampleId :

MDL05

Tgt Ion:129 Resp: 1028

Ion Ratio Lower Upper

129 100

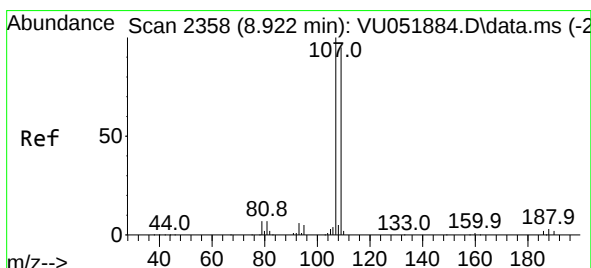
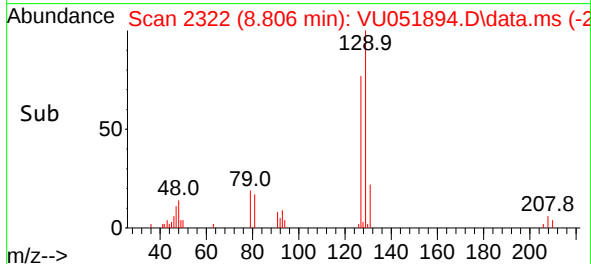
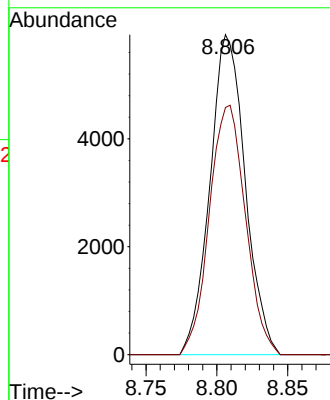
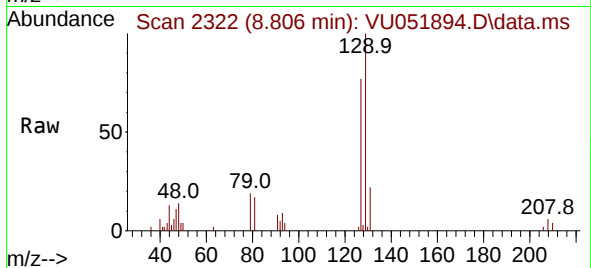
127 77.3 54.4 101.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/18/2022

Supervised By :Mahesh Dadoda 11/18/2022



#50

1,2-Dibromoethane

Concen: 2.543 ug/L

RT: 8.922 min Scan# 2358

Delta R.T. -0.000 min

Lab File: VU051894.D

Acq: 17 Nov 2022 14:14

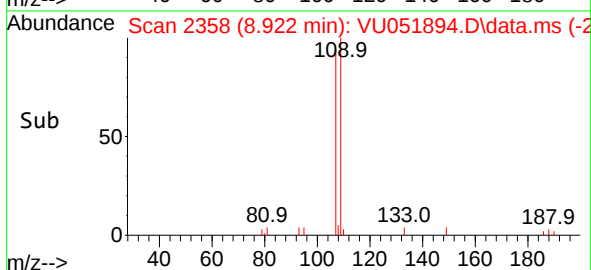
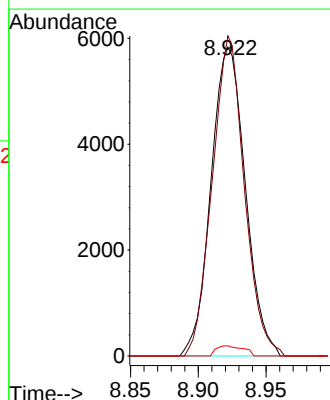
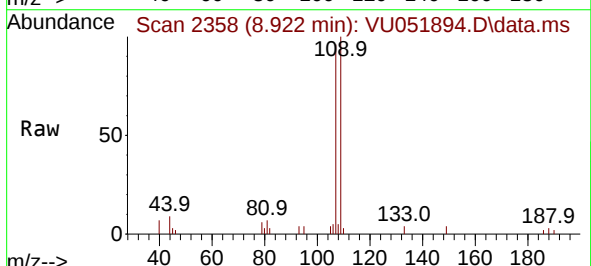
Tgt Ion:107 Resp: 10293

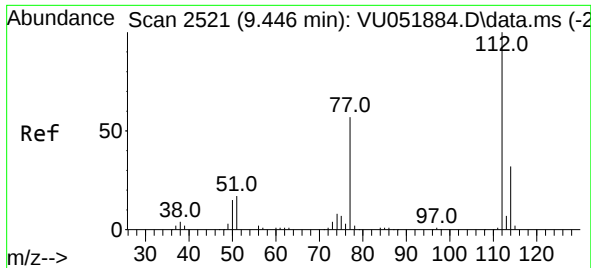
Ion Ratio Lower Upper

107 100

109 103.6 65.0 120.6

188 3.3 2.9 4.3





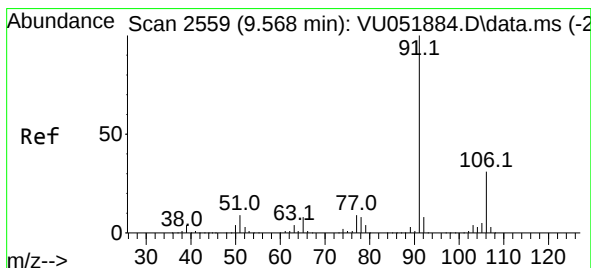
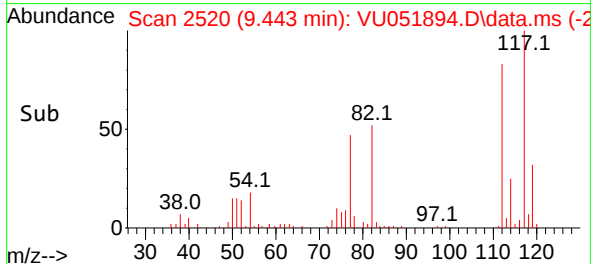
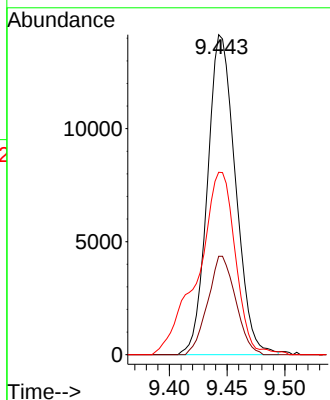
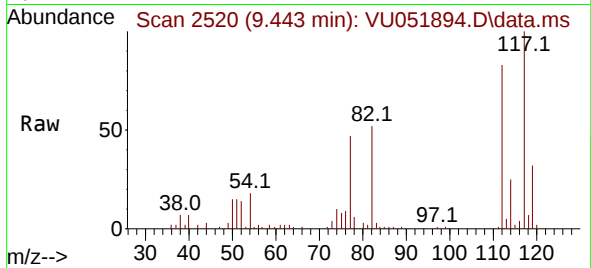
#51
Chlorobenzene
Concen: 2.433 ug/L
RT: 9.443 min Scan# 2521
Delta R.T. -0.003 min
Lab File: VU051894.D
Acq: 17 Nov 2022 14:14

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion:112 Resp: 2389
Ion Ratio Lower Upper
112 100
114 30.8 22.2 41.2
77 57.0 46.7 70.1

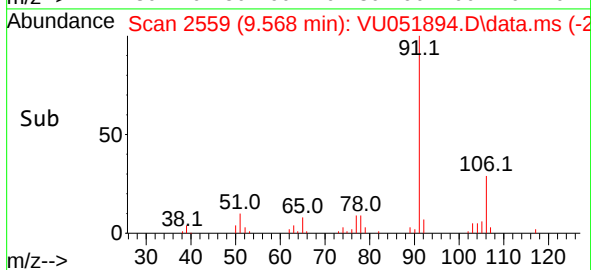
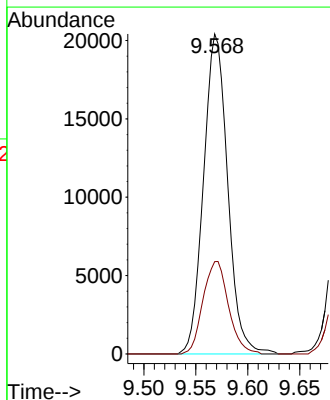
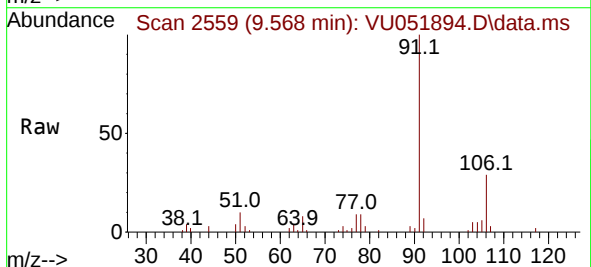
Manual Integrations
APPROVED

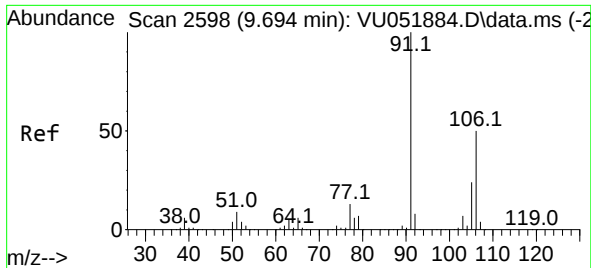
Reviewed By :Krupa Patel 11/18/2022
Supervised By :Mahesh Dadoda 11/18/2022



#52
Ethylbenzene
Concen: 2.240 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. -0.000 min
Lab File: VU051894.D
Acq: 17 Nov 2022 14:14

Tgt Ion: 91 Resp: 32951
Ion Ratio Lower Upper
91 100
106 28.9 21.3 39.6





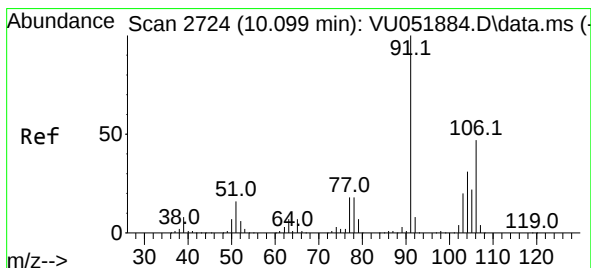
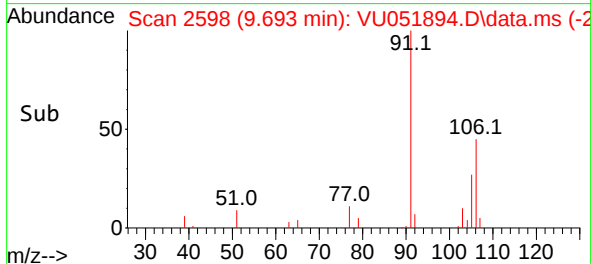
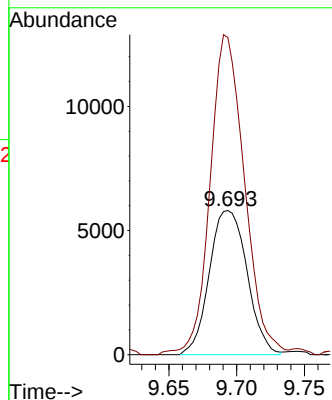
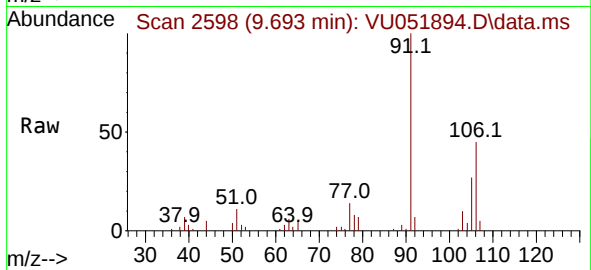
#53
m,p-Xylene
Concen: 1.977 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU051894.D
Acq: 17 Nov 2022 14:14

Instrument : MSVOA_U
ClientSampleId : MDL05

Tgt Ion:106 Resp: 1125
Ion Ratio Lower Upper
106 100
91 220.0 141.7 263.3

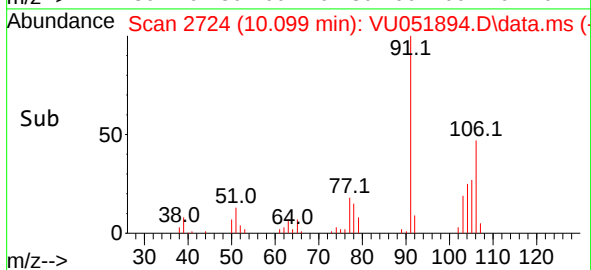
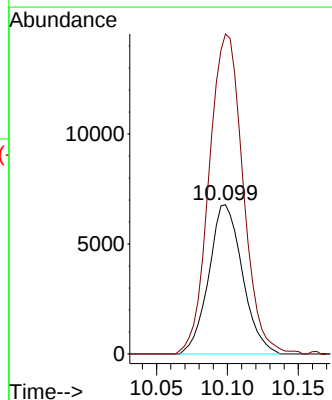
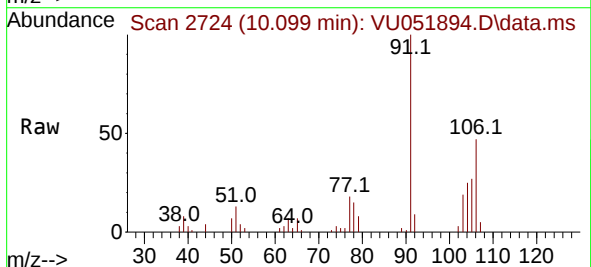
Manual Integrations
APPROVED

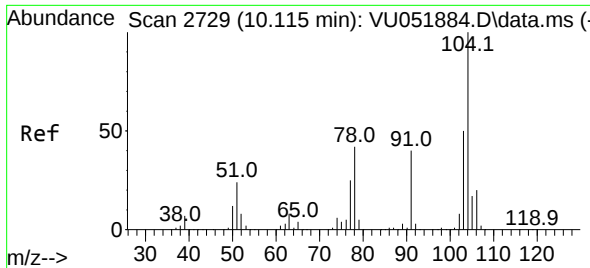
Reviewed By :Krupa Patel 11/18/2022
Supervised By :Mahesh Dadoda 11/18/2022



#54
o-Xylene
Concen: 1.932 ug/L
RT: 10.099 min Scan# 2724
Delta R.T. -0.000 min
Lab File: VU051894.D
Acq: 17 Nov 2022 14:14

Tgt Ion:106 Resp: 11195
Ion Ratio Lower Upper
106 100
91 214.4 149.7 278.1





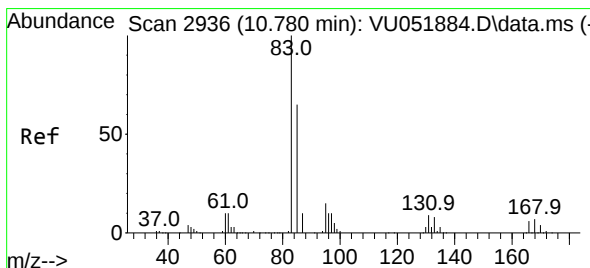
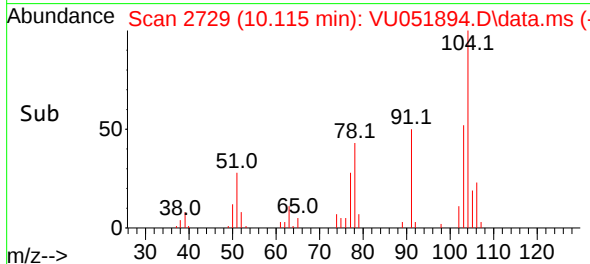
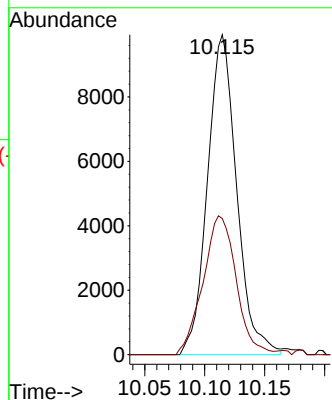
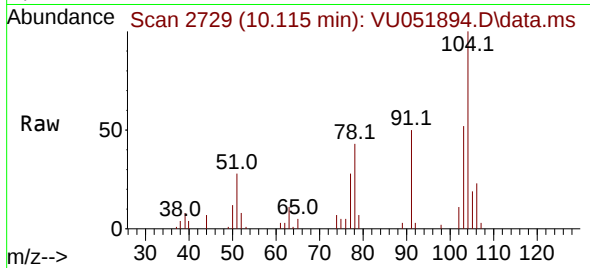
#55
Styrene
Concen: 1.683 ug/L
RT: 10.115 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU051894.D
Acq: 17 Nov 2022 14:14

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion:104 Resp: 16829
Ion Ratio Lower Upper
104 100
78 42.5 30.3 56.3

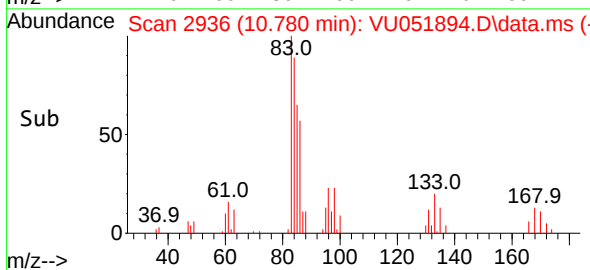
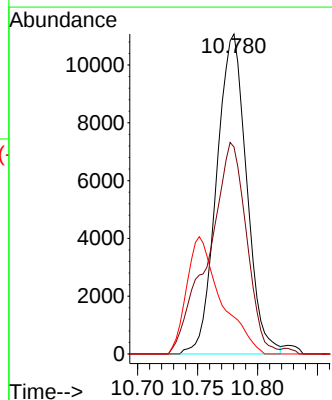
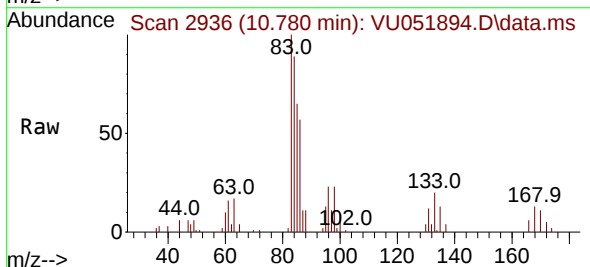
Manual Integrations
APPROVED

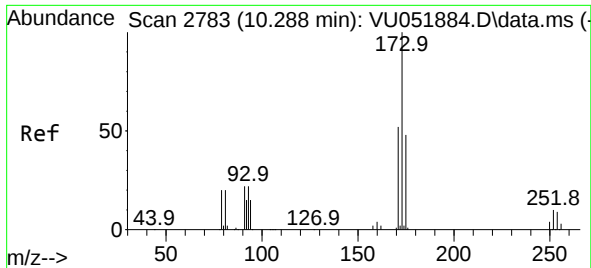
Reviewed By :Krupa Patel 11/18/2022
Supervised By :Mahesh Dadoda 11/18/2022



#57
1,1,2,2-Tetrachloroethane
Concen: 2.531 ug/L
RT: 10.780 min Scan# 2936
Delta R.T. -0.000 min
Lab File: VU051894.D
Acq: 17 Nov 2022 14:14

Tgt Ion: 83 Resp: 19232
Ion Ratio Lower Upper
83 100
85 64.7 44.9 83.3
131 11.6 6.8 10.2#





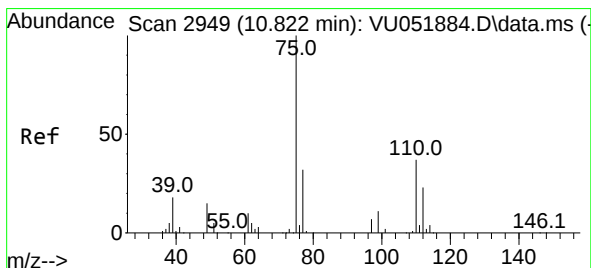
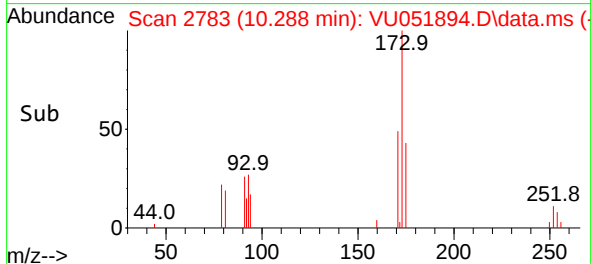
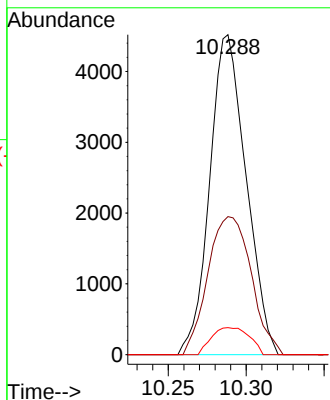
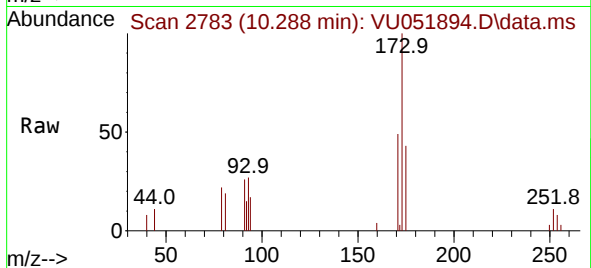
#59
Bromoform
Concen: 2.806 ug/L
RT: 10.288 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU051894.D
Acq: 17 Nov 2022 14:14

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion:173 Resp: 7339
Ion Ratio Lower Upper
173 100
175 51.4 38.9 58.3
254 8.8 7.4 11.2

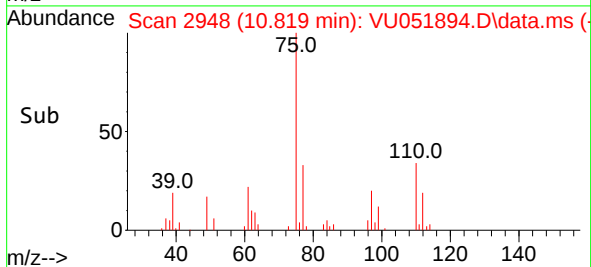
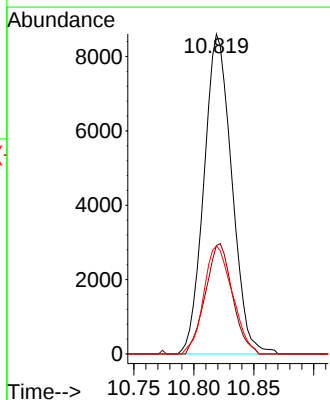
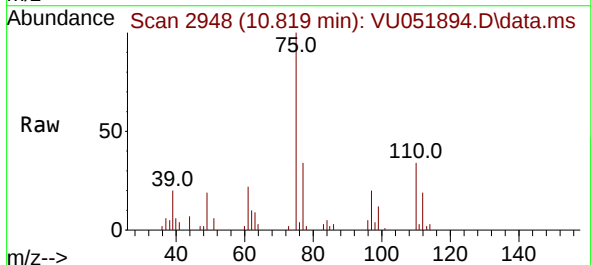
Manual Integrations
APPROVED

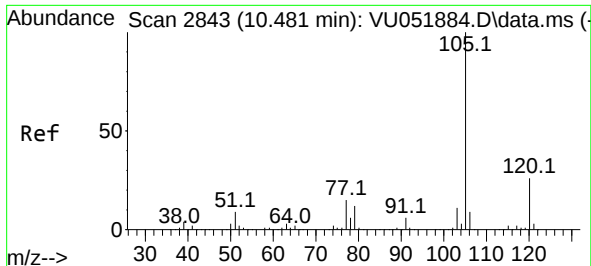
Reviewed By :Krupa Patel 11/18/2022
Supervised By :Mahesh Dadoda 11/18/2022



#60
1,2,3-Trichloropropane
Concen: 3.010 ug/L
RT: 10.819 min Scan# 2948
Delta R.T. -0.003 min
Lab File: VU051894.D
Acq: 17 Nov 2022 14:14

Tgt Ion: 75 Resp: 13891
Ion Ratio Lower Upper
75 100
77 33.5 26.2 39.4
110 34.7 29.0 43.4





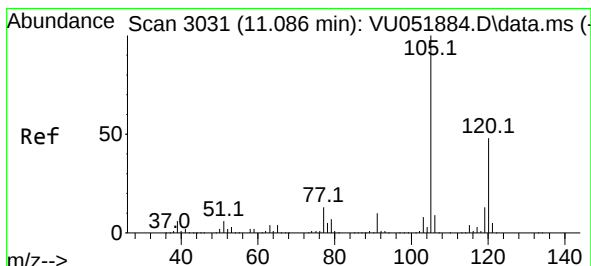
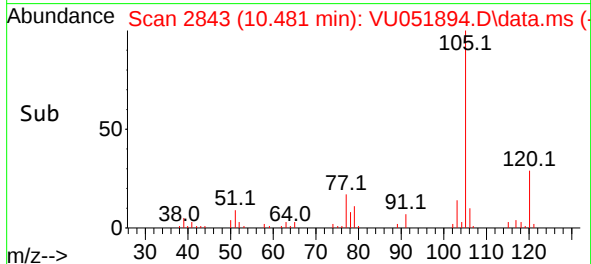
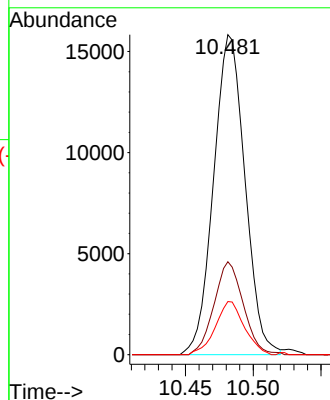
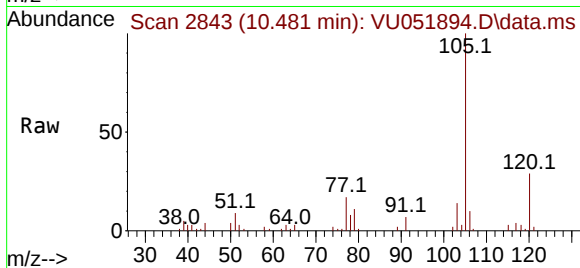
#61
Isopropylbenzene
Concen: 2.260 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. -0.000 min
Lab File: VU051894.D
Acq: 17 Nov 2022 14:14

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion:105 Resp: 2547
Ion Ratio Lower Upper
105 100
120 27.0 21.1 31.7
77 15.4 12.2 18.4

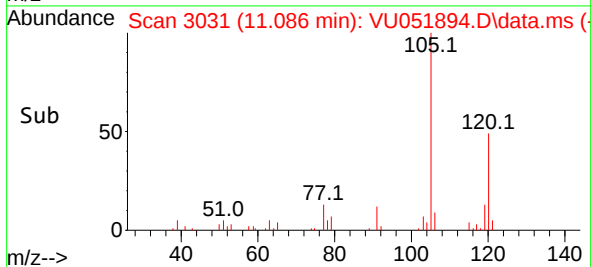
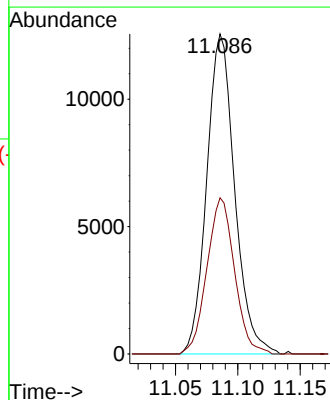
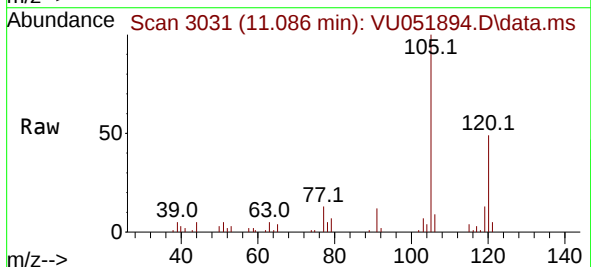
Manual Integrations
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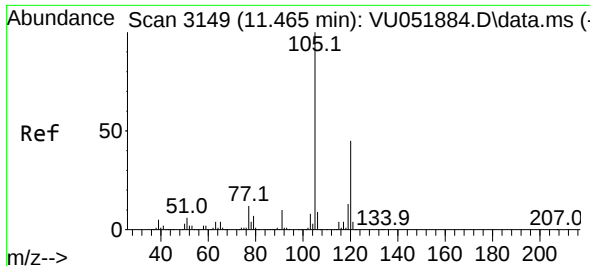
Reviewed By :Krupa Patel 11/18/2022
Supervised By :Mahesh Dadoda 11/18/2022



#62
1,3,5-Trimethylbenzene
Concen: 2.133 ug/L
RT: 11.086 min Scan# 3031
Delta R.T. -0.000 min
Lab File: VU051894.D
Acq: 17 Nov 2022 14:14

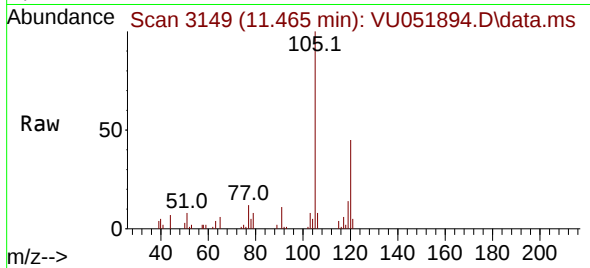
Tgt Ion:105 Resp: 19596
Ion Ratio Lower Upper
105 100
120 48.2 39.1 58.7





#63
1,2,4-Trimethylbenzene
Concen: 1.938 ug/L
RT: 11.465 min Scan# 3149
Delta R.T. -0.000 min
Lab File: VU051894.D
Acq: 17 Nov 2022 14:14

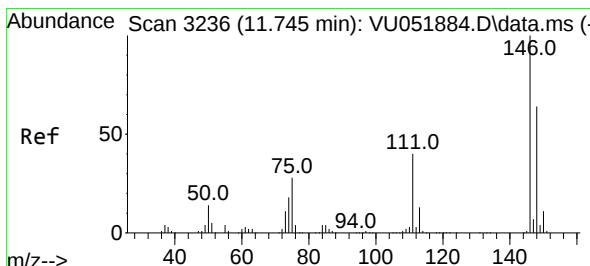
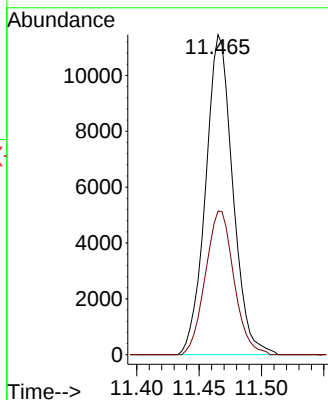
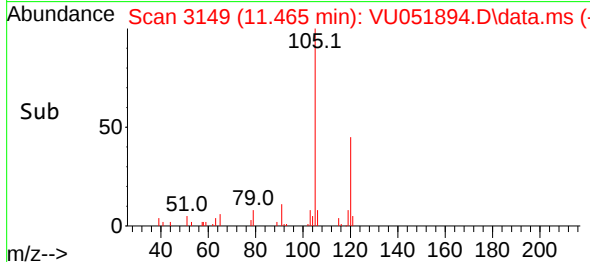
Instrument :
MSVOA_U
ClientSampleId :
MDL05



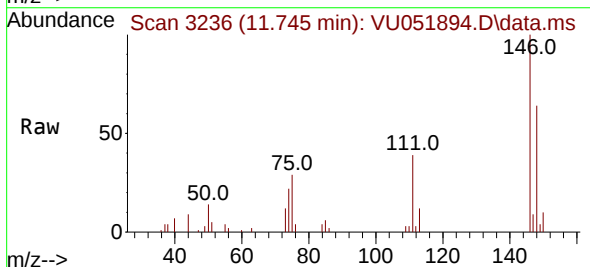
Tgt Ion:105 Resp: 17390
Ion Ratio Lower Upper
105 100
120 47.1 36.2 54.2

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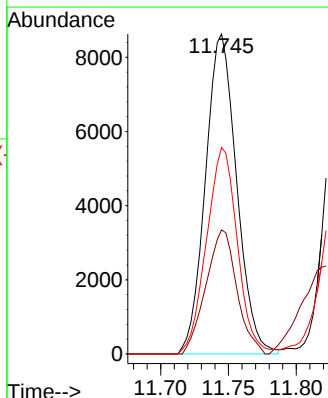
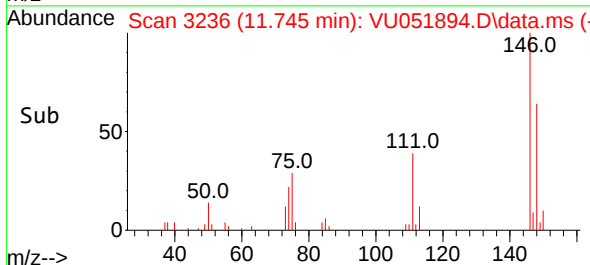
Reviewed By :Krupa Patel 11/18/2022
Supervised By :Mahesh Dadoda 11/18/2022

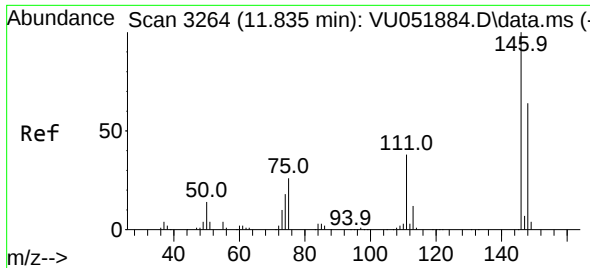


#64
1,3-Dichlorobenzene
Concen: 2.420 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. -0.000 min
Lab File: VU051894.D
Acq: 17 Nov 2022 14:14



Tgt Ion:146 Resp: 13830
Ion Ratio Lower Upper
146 100
111 38.8 28.1 52.1
148 64.5 44.4 82.4





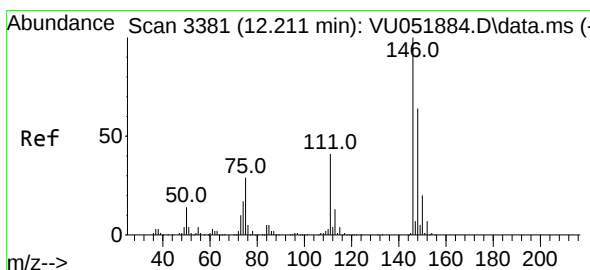
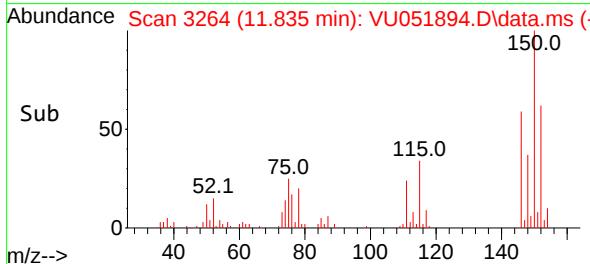
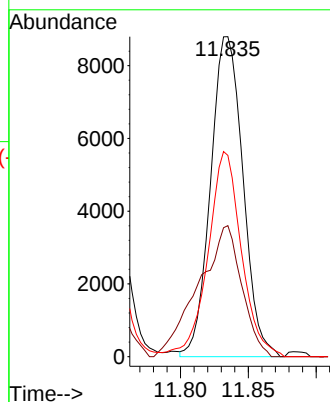
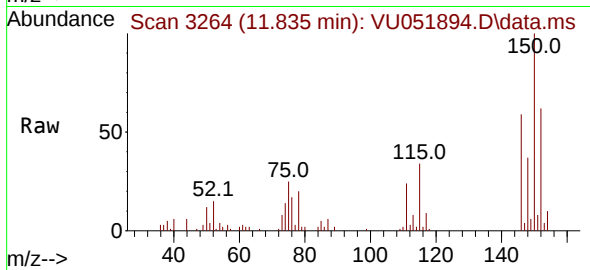
#65
1,4-Dichlorobenzene
Concen: 2.528 ug/L
RT: 11.835 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU051894.D
Acq: 17 Nov 2022 14:14

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion:146 Resp: 14620
Ion Ratio Lower Upper
146 100
111 41.0 26.7 49.5
148 62.9 44.4 82.4

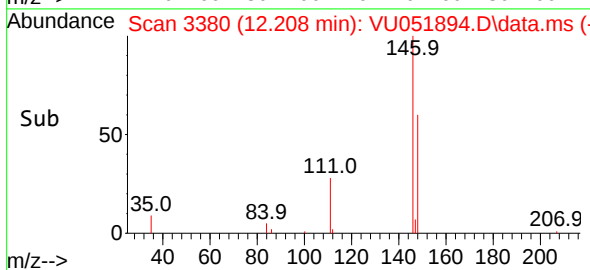
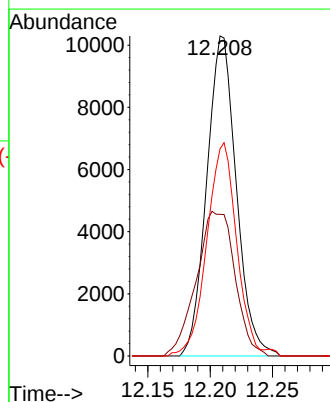
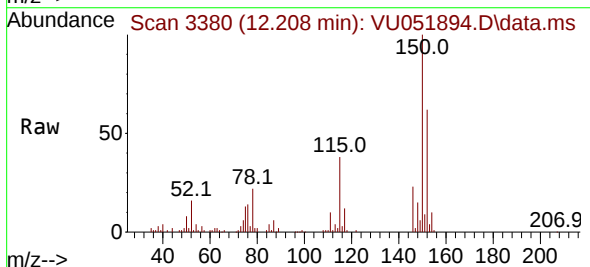
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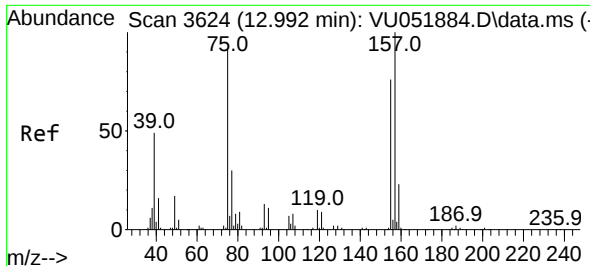
Reviewed By :Krupa Patel 11/18/2022
Supervised By :Mahesh Dadoda 11/18/2022



#67
1,2-Dichlorobenzene
Concen: 2.798 ug/L
RT: 12.208 min Scan# 3380
Delta R.T. -0.003 min
Lab File: VU051894.D
Acq: 17 Nov 2022 14:14

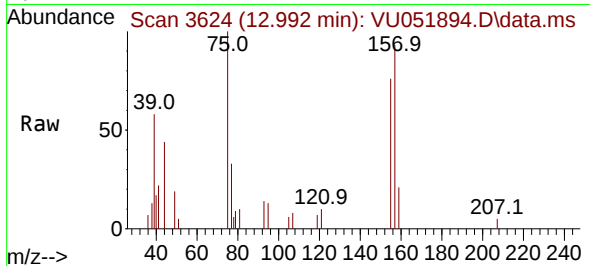
Tgt Ion:146 Resp: 17001
Ion Ratio Lower Upper
146 100
111 44.3 33.6 50.4
148 64.7 50.9 76.3





#68
1,2-Dibromo-3-chloropropane
Concen: 2.949 ug/L
RT: 12.992 min Scan# 3624
Delta R.T. -0.000 min
Lab File: VU051894.D
Acq: 17 Nov 2022 14:14

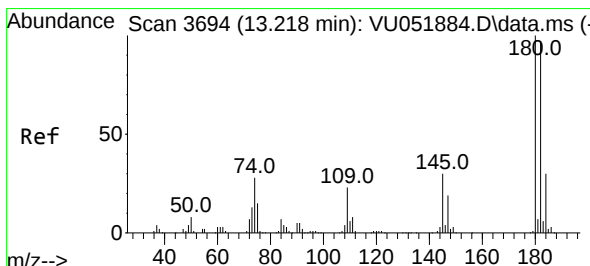
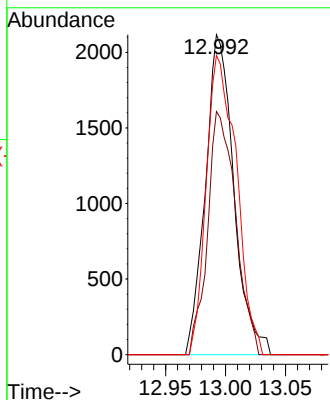
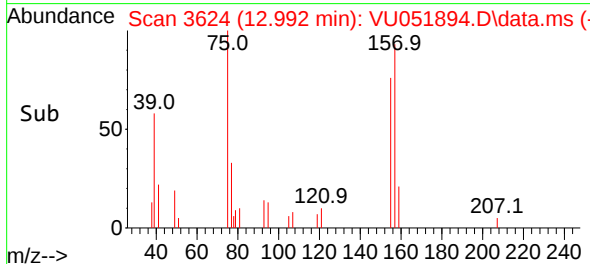
Instrument :
MSVOA_U
ClientSampleId :
MDL05



Tgt Ion: 75 Resp: 3484
Ion Ratio Lower Upper
75 100
155 76.0 63.0 94.6
157 93.5 79.4 119.0

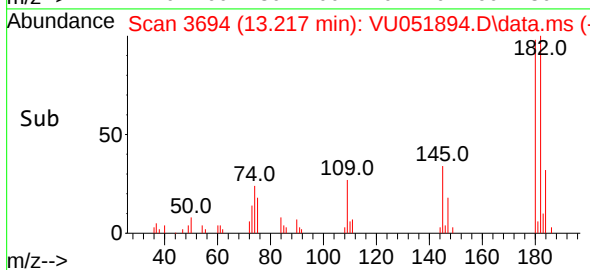
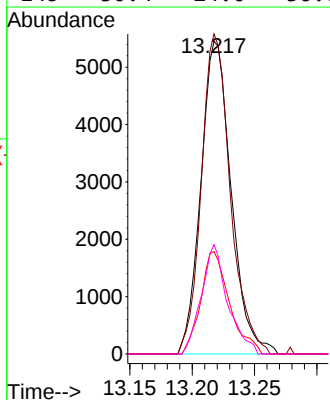
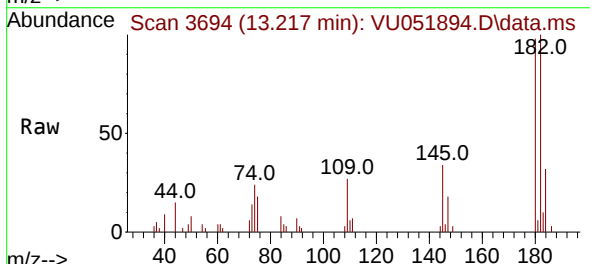
Manual Integrations
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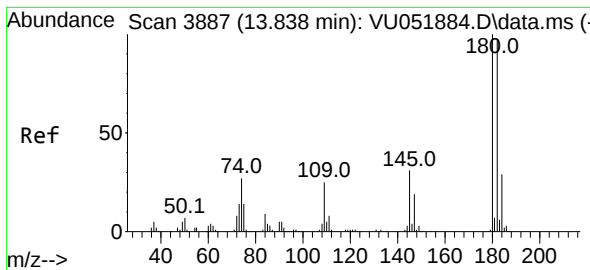
Reviewed By :Krupa Patel 11/18/2022
Supervised By :Mahesh Dadoda 11/18/2022



#69
1,3,5-Trichlorobenzene
Concen: 2.432 ug/L
RT: 13.217 min Scan# 3694
Delta R.T. -0.000 min
Lab File: VU051894.D
Acq: 17 Nov 2022 14:14

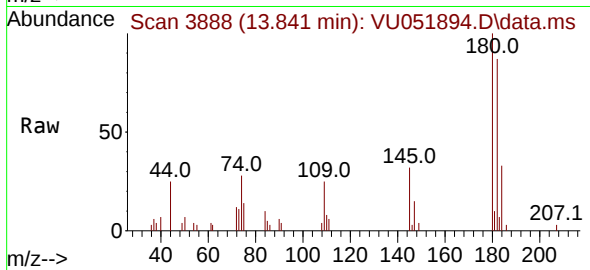
Tgt Ion:180 Resp: 9221
Ion Ratio Lower Upper
180 100
182 97.6 77.0 115.4
184 31.1 23.8 35.8
145 30.4 24.0 36.0





#70
1,2,4-trichlorobenzene
Concen: 2.398 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. 0.003 min
Lab File: VU051894.D
Acq: 17 Nov 2022 14:14

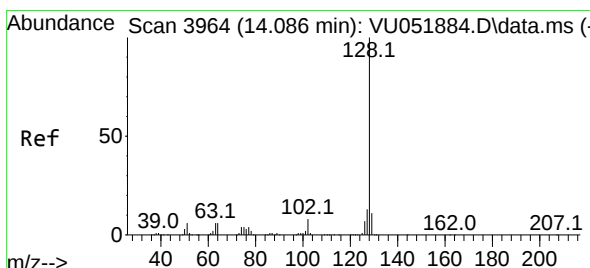
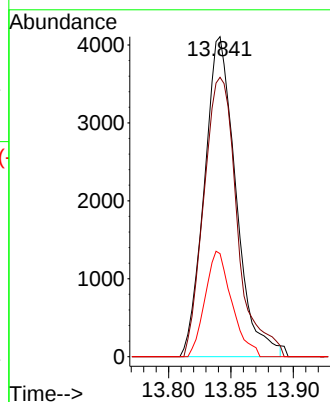
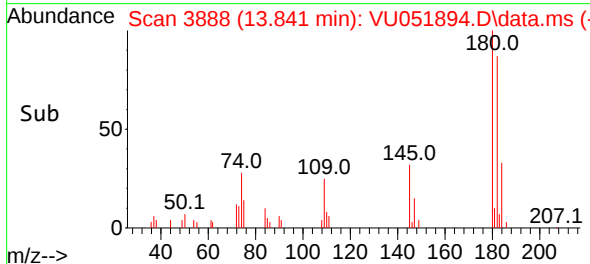
Instrument :
MSVOA_U
ClientSampleId :
MDL05



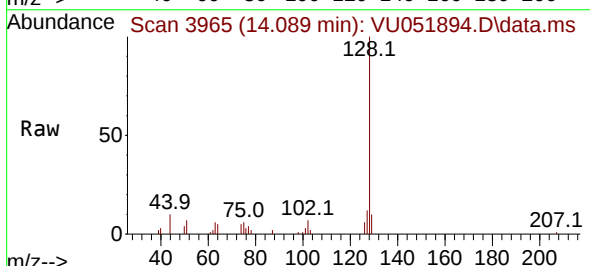
Tgt Ion:180 Resp: 720
Ion Ratio Lower Upper
180 100
182 92.6 76.4 114.6
145 28.0 24.2 36.2

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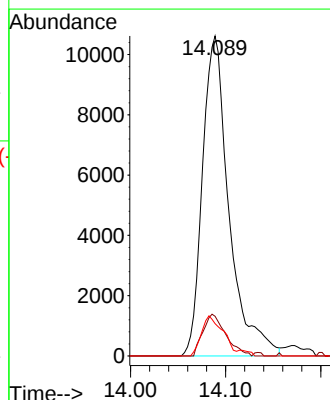
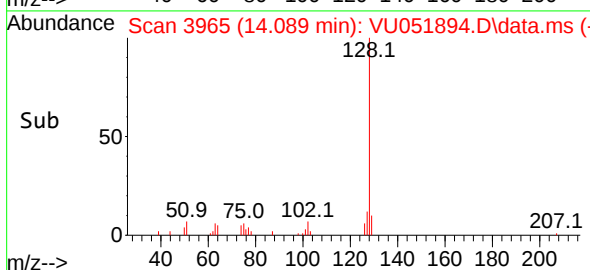
Reviewed By :Krupa Patel 11/18/2022
Supervised By :Mahesh Dadoda 11/18/2022

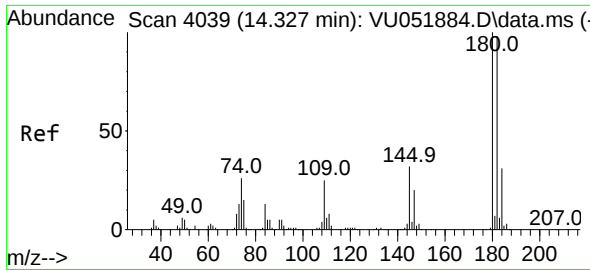


#71
Naphthalene
Concen: 2.084 ug/L m
RT: 14.089 min Scan# 3965
Delta R.T. 0.003 min
Lab File: VU051894.D
Acq: 17 Nov 2022 14:14



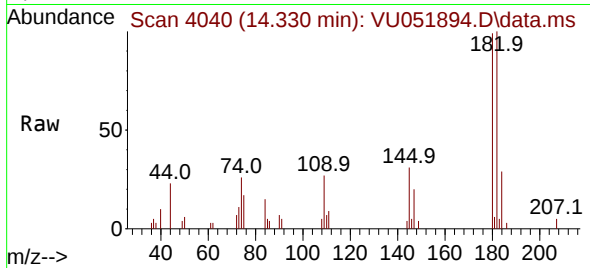
Tgt Ion:128 Resp: 20596
Ion Ratio Lower Upper
128 100
127 11.2 10.4 15.6
129 10.1 8.5 12.7





#72
 1,2,3-Trichlorobenzene
 Concen: 2.223 ug/L
 RT: 14.330 min Scan# 4039
 Delta R.T. 0.003 min
 Lab File: VU051894.D
 Acq: 17 Nov 2022 14:14

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL05



Tgt Ion:180 Resp: 7310
 Ion Ratio Lower Upper
 180 100
 182 98.8 76.9 115.3
 145 32.4 24.9 37.3

Manual Integrations
 APPROVED

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

