

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111622\
 Data File : VU051877.D
 Acq On : 16 Nov 2022 12:18
 Operator : JC/MD
 Sample : MDL03
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL03

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/17/2022
 Supervised By :Mahesh Dadoda 11/17/2022

Quant Time: Nov 17 01:39:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM111522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 17 01:20:24 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	516576	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	499823	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	198096	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	111679	44.037	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	88.080%		
7) Chloroethane-d5	1.906	69	119240	46.928	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	93.860%		
11) 1,1-Dichloroethene-d2	2.562	63	141513	31.117	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	62.240%		
21) 2-Butanone-d5	4.617	46	275990	95.705	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	95.700%		
24) Chloroform-d	5.060	84	286507	45.067	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.140%		
26) 1,2-Dichloroethane-d4	5.700	65	180968	46.503	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.000%		
32) Benzene-d6	5.726	84	510975	49.031	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.060%		
36) 1,2-Dichloropropane-d6	6.687	67	193276	49.824	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	99.640%		
41) Toluene-d8	7.896	98	392325	45.864	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.720%		
43) trans-1,3-Dichloroprop...	8.176	79	69617	45.056	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.120%		
47) 2-Hexanone-d5	8.629	63	186749	94.724	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	94.720%		
56) 1,1,2,2-Tetrachloroeth...	10.751	84	340263	45.068	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	90.140%		
66) 1,2-Dichlorobenzene-d4	12.192	152	181243	51.990	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	103.980%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	6735	2.124	ug/L	99
3) Chloromethane	1.523	50	12092	2.871	ug/L	98
5) Vinyl chloride	1.604	62	10316	2.361	ug/L #	8
6) Bromomethane	1.842	94	4744	2.507	ug/L	83
8) Chloroethane	1.925	64	5548	1.953	ug/L	97
9) Trichlorofluoromethane	2.134	101	11276	2.156	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	8597	2.608	ug/L	88
12) 1,1-Dichloroethene	2.575	96	8079	2.624	ug/L #	1
13) Acetone	2.626	43	12184	3.949	ug/L	95
14) Carbon disulfide	2.790	76	18737	2.197	ug/L	97
15) Methyl Acetate	2.951	43	9120m	2.168	ug/L	
16) Methylene chloride	3.044	84	12128	2.468	ug/L	94
17) trans-1,2-Dichloroethene	3.353	96	7144	2.153	ug/L	97
18) Methyl tert-butyl Ether	3.359	73	21434	2.087	ug/L	97
19) 1,1-Dichloroethane	3.867	63	14363	2.127	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	8135	2.101	ug/L	96
22) 2-Butanone	4.713	43	15558m	4.465	ug/L	
23) Bromochloromethane	4.973	128	4292	2.009	ug/L	92
27) 1,2-Dichloroethane	5.793	62	11626	2.233	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	5.388	56	8770	2.057	ug/L	97
30) 1,1,1-Trichloroethane	5.314	97	11616	2.299	ug/L	98
31) Carbon tetrachloride	5.520	117	10205	2.416	ug/L	99
33) Benzene	5.774	78	33511	2.331	ug/L	100
35) Methylcyclohexane	6.761	83	9597	2.078	ug/L	98
37) 1,2-Dichloropropane	6.790	63	9641	2.368	ug/L #	97
38) Bromodichloromethane	7.108	83	11591	2.276	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	11237	2.110	ug/L	95
40) 4-Methyl-2-pentanone	7.790	43	19977	3.726	ug/L	98
42) Toluene	7.970	91	32341	2.187	ug/L	98
44) trans-1,3-Dichloropropene	8.208	75	11676	2.288	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	8805	2.128	ug/L	96
46) Tetrachloroethene	8.552	164	6269	2.305	ug/L	94
49) Dibromochloromethane	8.806	129	8898	2.086	ug/L	98
50) 1,2-Dibromoethane	8.922	107	9727	2.336	ug/L	90
51) Chlorobenzene	9.446	112	21697	2.147	ug/L	97
52) Ethylbenzene	9.571	91	29179	1.928	ug/L	97
53) m,p-Xylene	9.690	106	10759	1.837	ug/L	78
54) o-Xylene	10.099	106	10944	1.836	ug/L	89
55) Styrene	10.115	104	15539	1.510	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.780	83	16863	2.157	ug/L #	98
59) Bromoform	10.288	173	6349	2.364	ug/L	96
60) 1,2,3-Trichloropropane	10.819	75	12360	2.608	ug/L	98
61) Isopropylbenzene	10.481	105	23030	1.989	ug/L	98
62) 1,3,5-Trimethylbenzene	11.086	105	17651	1.871	ug/L	98
63) 1,2,4-Trimethylbenzene	11.465	105	14868	1.613	ug/L	90
64) 1,3-Dichlorobenzene	11.745	146	12812	2.183	ug/L	94
65) 1,4-Dichlorobenzene	11.835	146	12755	2.146	ug/L	95
67) 1,2-Dichlorobenzene	12.208	146	16186	2.594	ug/L	93
68) 1,2-Dibromo-3-chloropr...	12.996	75	2933	2.417	ug/L	99
69) 1,3,5-Trichlorobenzene	13.218	180	8825	2.267	ug/L	96
70) 1,2,4-trichlorobenzene	13.841	180	6004	1.946	ug/L	97
71) Naphthalene	14.089	128	16510	1.627	ug/L #	91

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

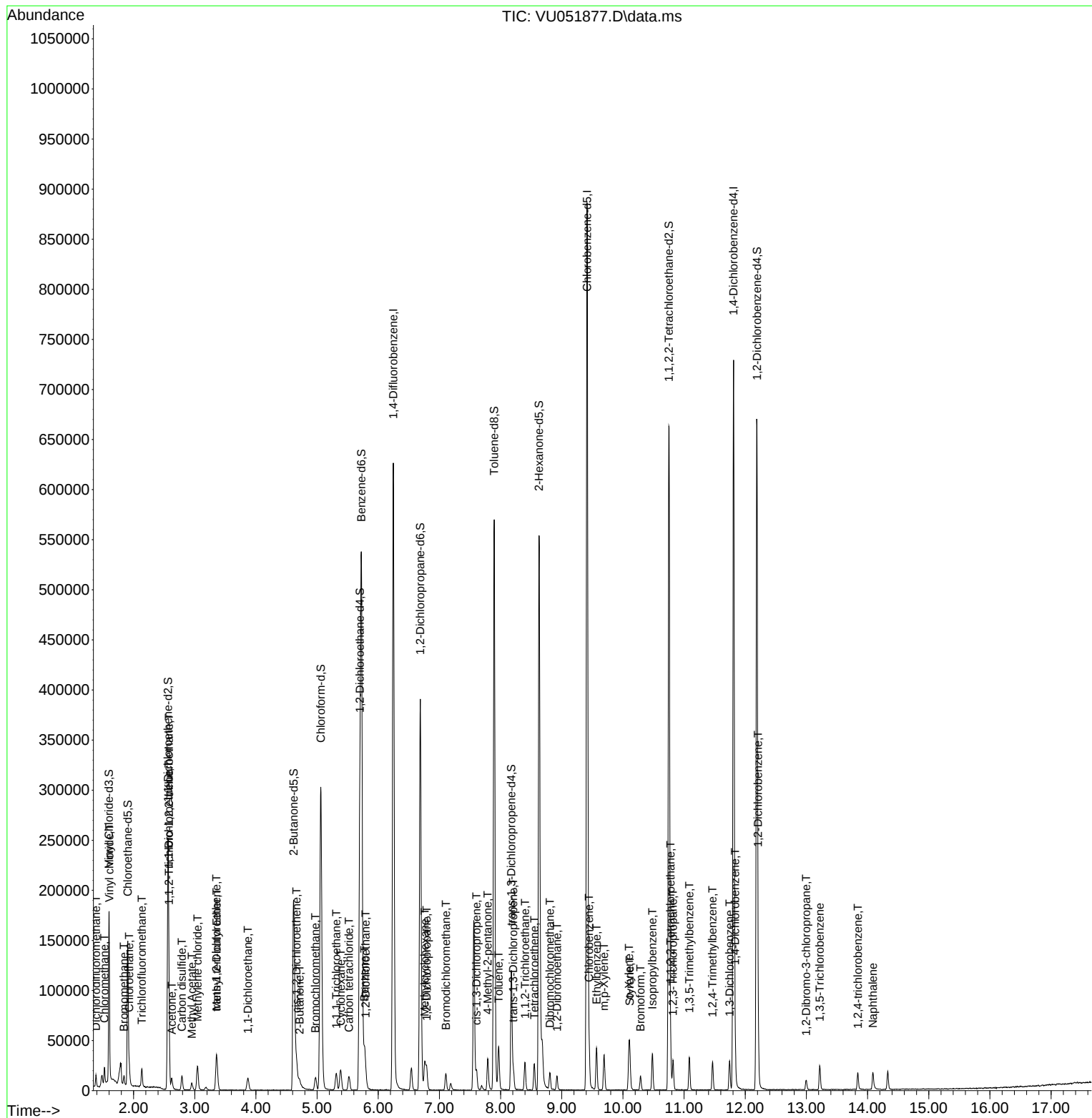
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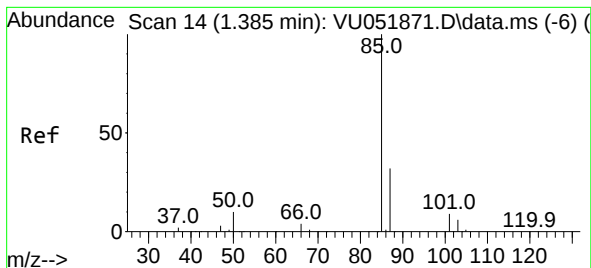
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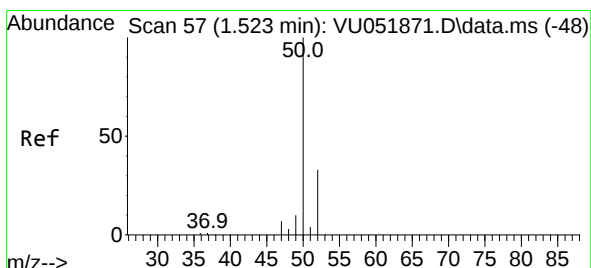
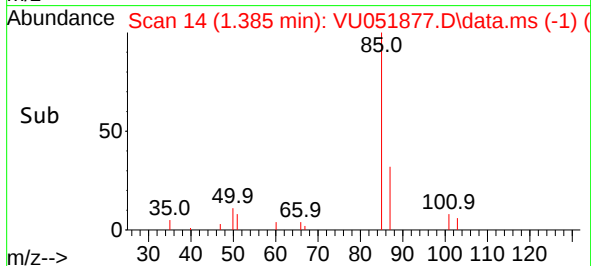
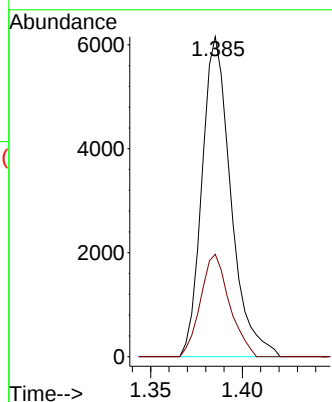
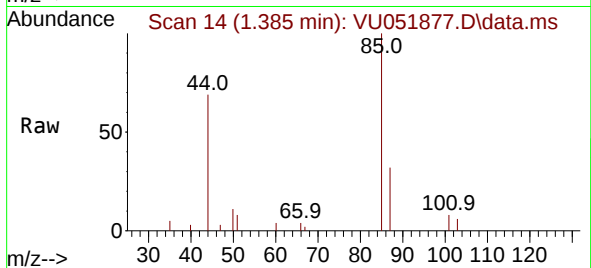
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Dichlorodifluoromethane
Concen: 2.124 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU051877.D
Acq: 16 Nov 2022 12:18

Instrument :
MSVOA_U
ClientSampleId :
MDL03

Tgt Ion: 85 Resp: 6735
Ion Ratio Lower Upper
85 100
87 32.1 26.0 39.0

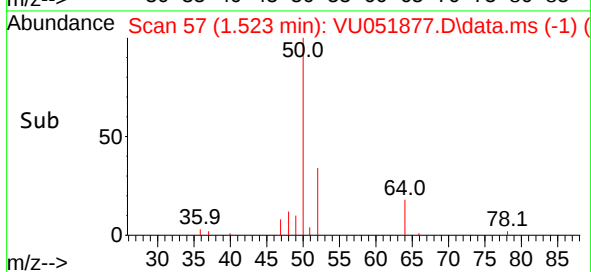
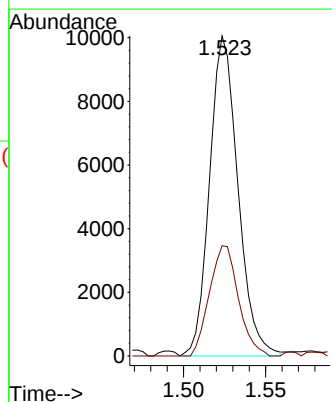
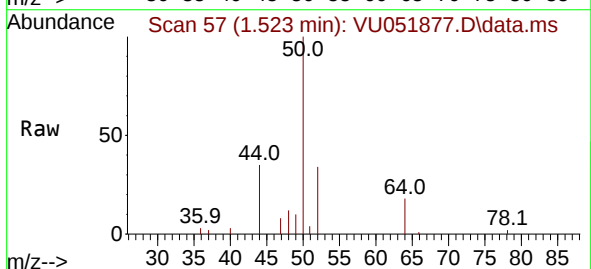
Manual Integrations
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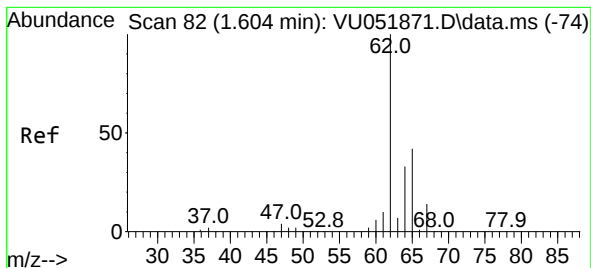
Reviewed By :Krupa Patel 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#3
Chloromethane
Concen: 2.871 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU051877.D
Acq: 16 Nov 2022 12:18

Tgt Ion: 50 Resp: 12092
Ion Ratio Lower Upper
50 100
52 34.4 23.4 43.6





#5

Vinyl chloride

Concen: 2.361 ug/L

RT: 1.604 min Scan# 82

Delta R.T. 0.000 min

Lab File: VU051877.D

Acq: 16 Nov 2022 12:18

Instrument :

MSVOA_U

ClientSampleId :

MDL03

Tgt Ion: 62 Resp: 10310

Ion Ratio Lower Upper

62 100

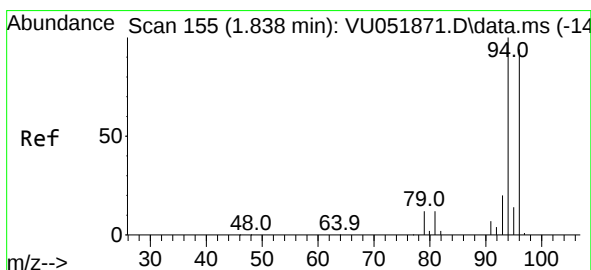
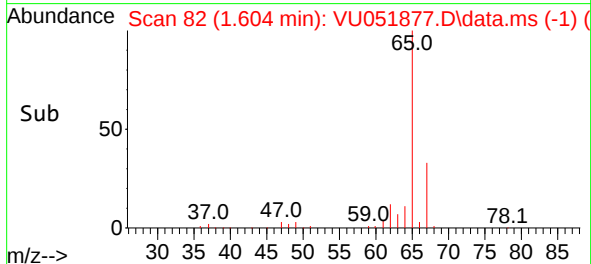
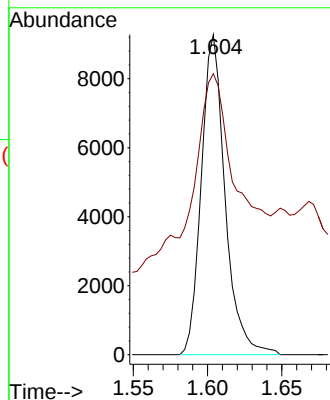
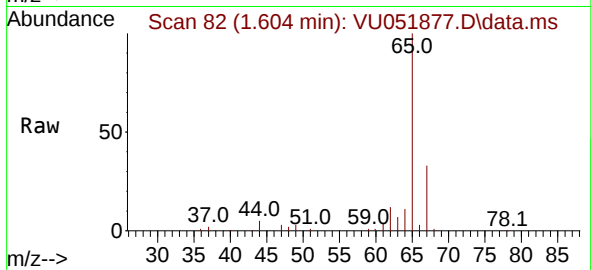
64 87.8 24.3 45.1

Manual Integrations

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#6

Bromomethane

Concen: 2.507 ug/L

RT: 1.842 min Scan# 156

Delta R.T. 0.004 min

Lab File: VU051877.D

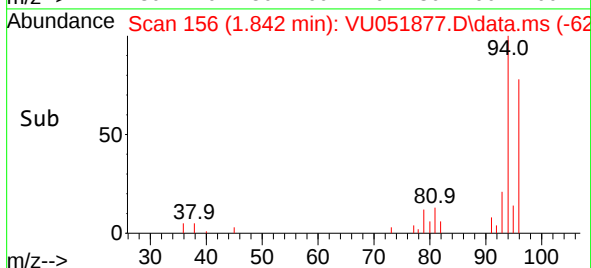
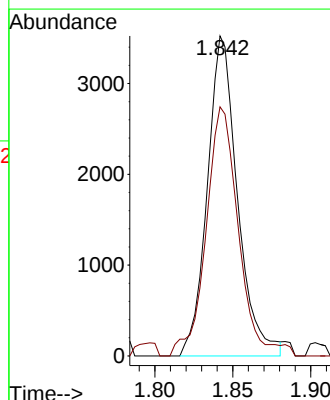
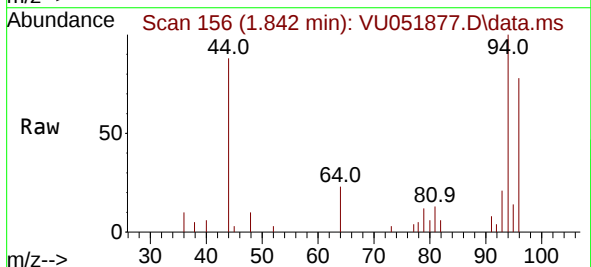
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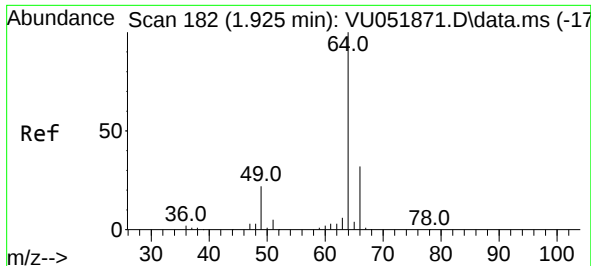
Tgt Ion: 94 Resp: 4744

Ion Ratio Lower Upper

94 100

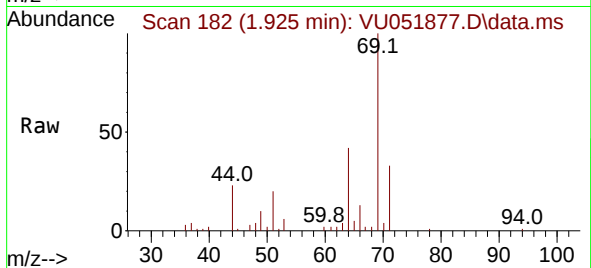
96 77.9 66.1 122.7





#8
Chloroethane
Concen: 1.953 ug/L
RT: 1.925 min Scan# 182
Delta R.T. 0.000 min
Lab File: VU051877.D
Acq: 16 Nov 2022 12:18

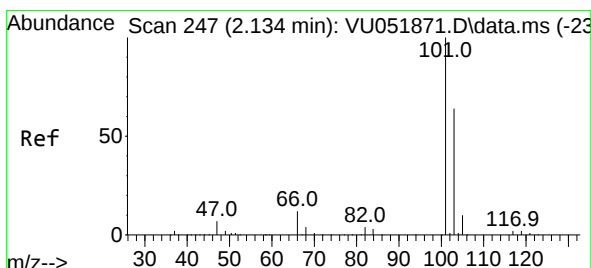
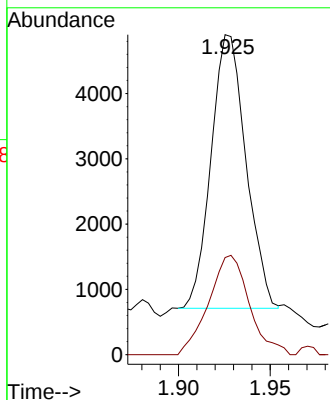
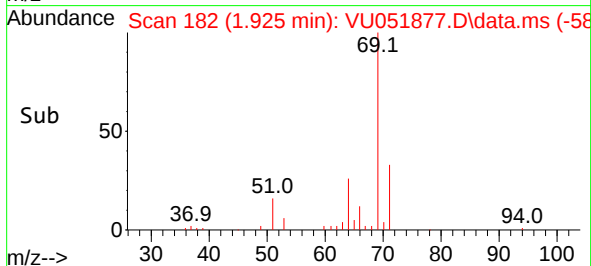
Instrument :
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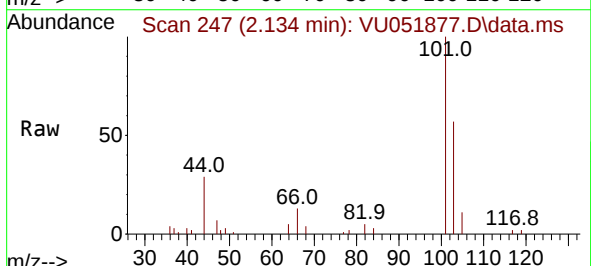
Tgt Ion: 64 Resp: 5548
Ion Ratio Lower Upper
64 100
66 30.4 22.4 41.6

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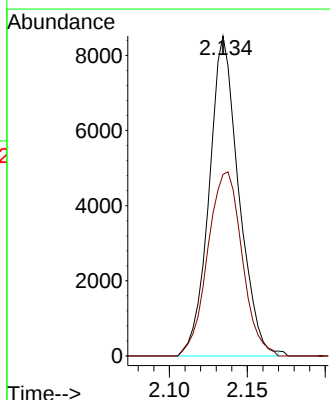
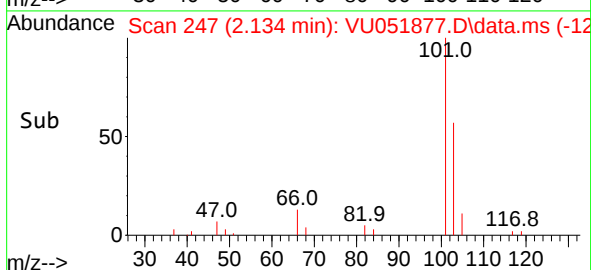
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Supervised By :Mahesh Dadoda 11/17/2022

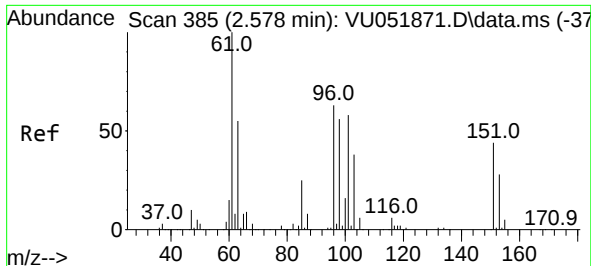


#9
Trichlorofluoromethane
Concen: 2.156 ug/L
RT: 2.134 min Scan# 247
Delta R.T. 0.000 min
Lab File: VU051877.D
Acq: 16 Nov 2022 12:18



Tgt Ion:101 Resp: 11276
Ion Ratio Lower Upper
101 100
103 66.7 51.4 77.2





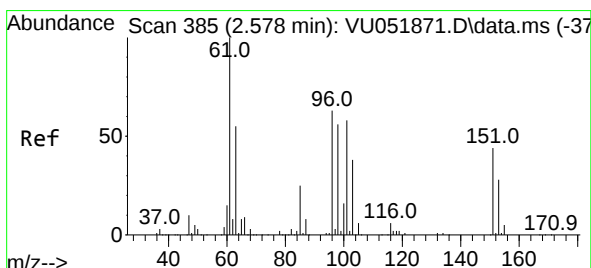
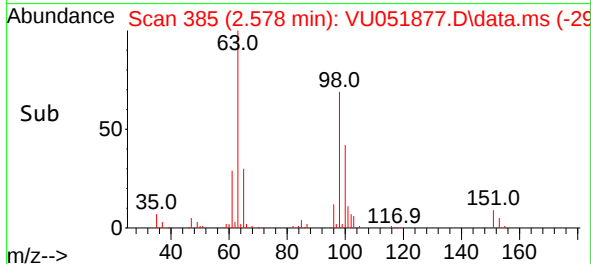
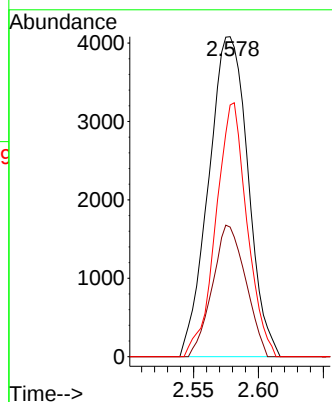
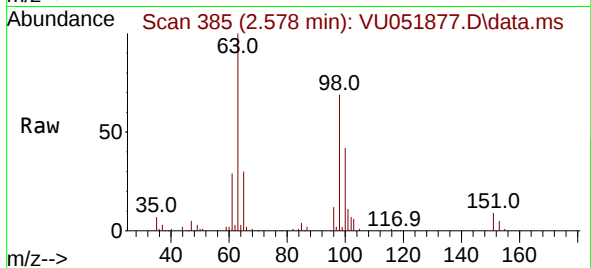
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.608 ug/L
RT: 2.578 min Scan# 385
Delta R.T. 0.000 min
Lab File: VU051877.D
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Instrument :
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Tgt Ion: 101 Resp: 859
Ion Ratio Lower Upper
101 100
85 34.7 34.2 51.2
151 62.9 58.3 87.5

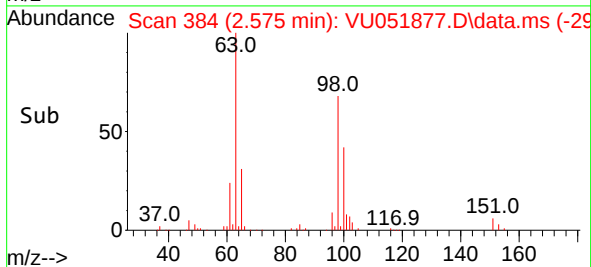
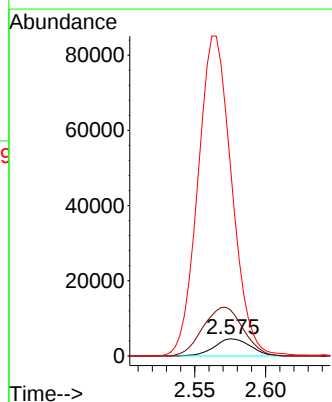
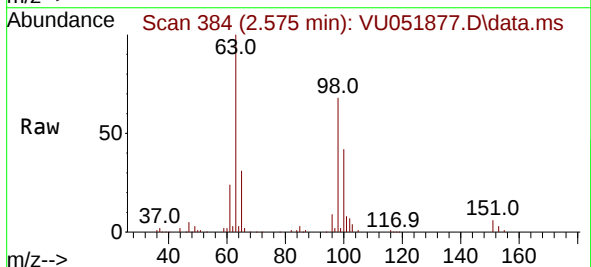
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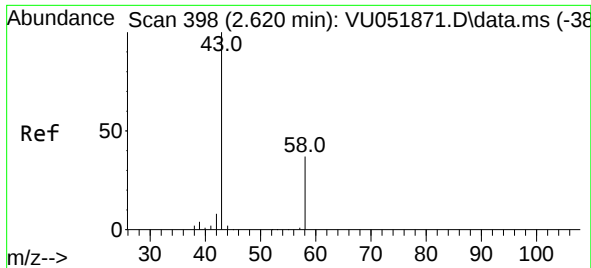
Reviewed By :Krupa Patel 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#12
1,1-Dichloroethene
Concen: 2.624 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.003 min
Lab File: VU051877.D
Acq: 16 Nov 2022 12:18

Tgt Ion: 96 Resp: 8079
Ion Ratio Lower Upper
96 100
61 271.6 110.7 205.5#
63 1134.4 68.6 127.4#





#13

Acetone

Concen: 3.949 ug/L

RT: 2.626 min Scan# 400

Delta R.T. 0.007 min

Lab File: VU051877.D

Acq: 16 Nov 2022 12:18

Instrument :

MSVOA_U

ClientSampleId :

MDL03

Tgt Ion: 43 Resp: 12184

Ion Ratio Lower Upper

43 100

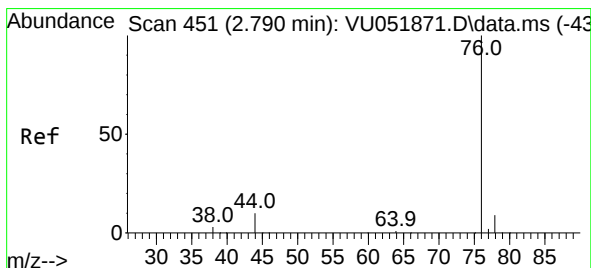
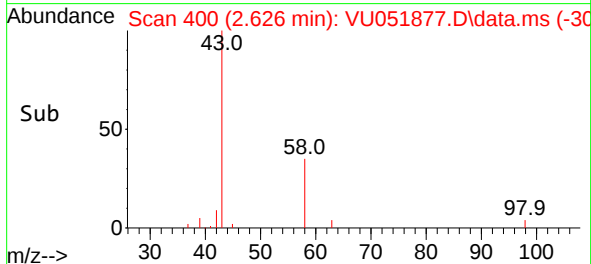
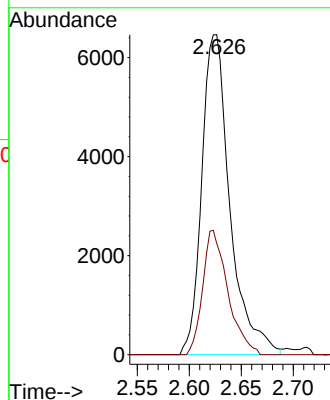
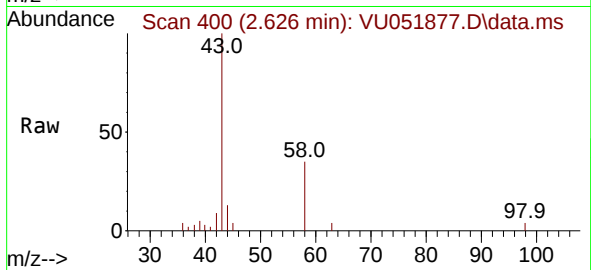
58 34.7 0.0 75.4

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#14

Carbon disulfide

Concen: 2.197 ug/L

RT: 2.790 min Scan# 451

Delta R.T. 0.000 min

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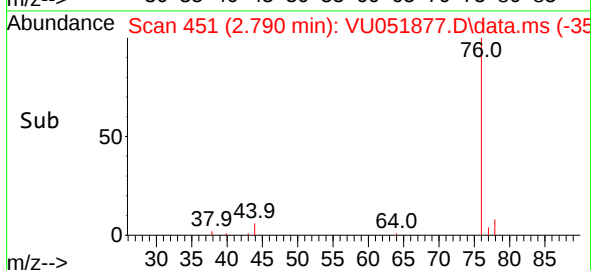
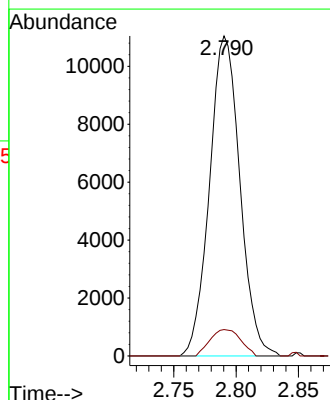
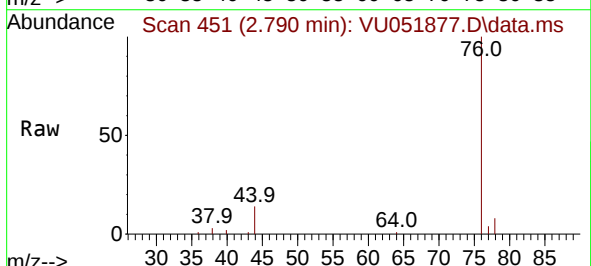
Acq: 16 Nov 2022 12:18

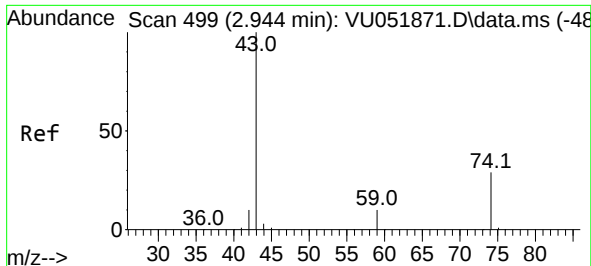
Tgt Ion: 76 Resp: 18737

Ion Ratio Lower Upper

76 100

78 8.3 7.4 11.0





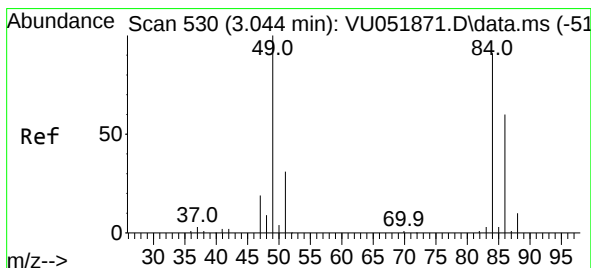
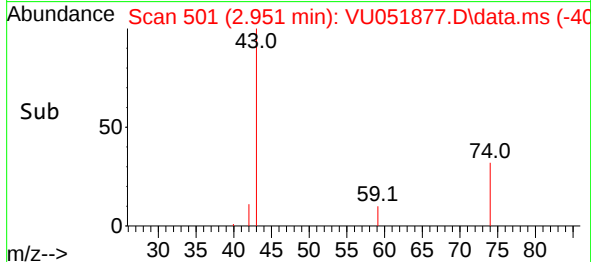
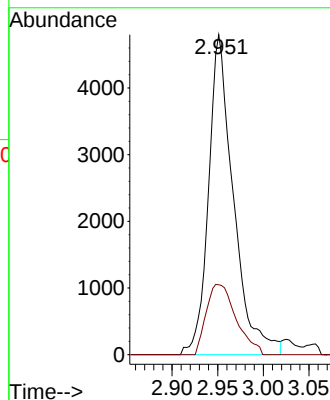
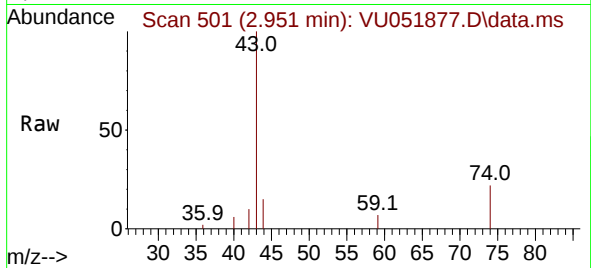
#15
Methyl Acetate
Concen: 2.168 ug/L m
RT: 2.951 min Scan# 501
Delta R.T. 0.007 min
Lab File: VU051877.D
Acq: 16 Nov 2022 12:18

Instrument :
MSVOA_U
ClientSampleId :
MDL03

Tgt Ion: 43 Resp: 9120
Ion Ratio Lower Upper
43 100
74 26.3 21.8 32.8

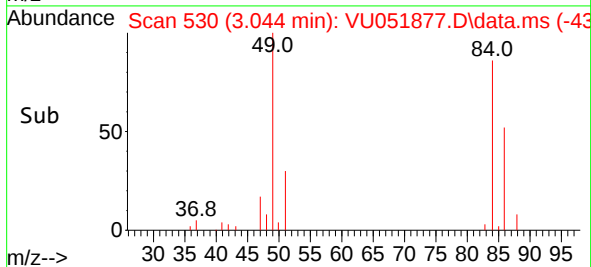
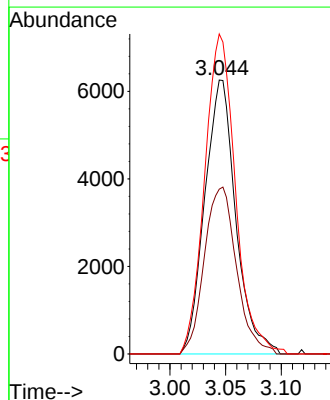
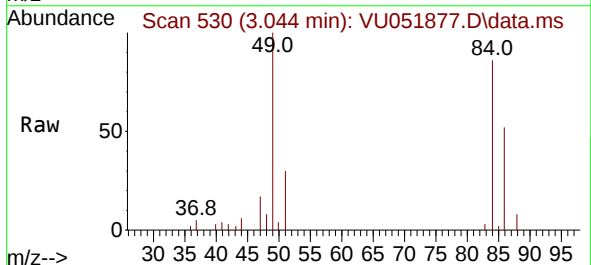
Manual Integrations
APPROVED

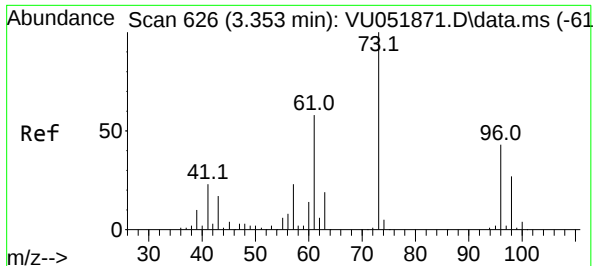
Reviewed By :Krupa Patel 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#16
Methylene chloride
Concen: 2.468 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.000 min
Lab File: VU051877.D
Acq: 16 Nov 2022 12:18

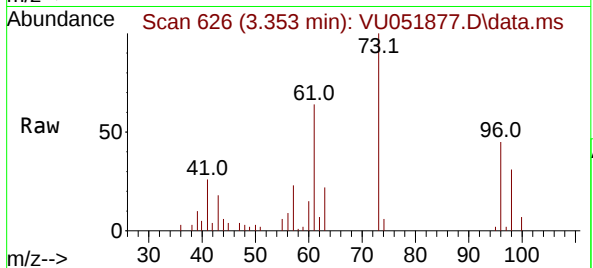
Tgt Ion: 84 Resp: 12128
Ion Ratio Lower Upper
84 100
86 60.2 44.7 82.9
49 116.8 76.5 142.1





#17
trans-1,2-Dichloroethene
Concen: 2.153 ug/L
RT: 3.353 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU051877.D
Acq: 16 Nov 2022 12:18

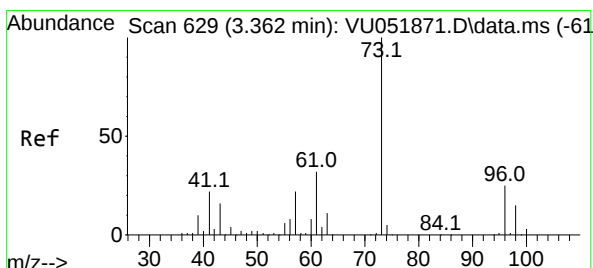
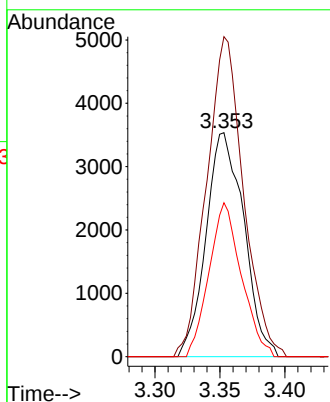
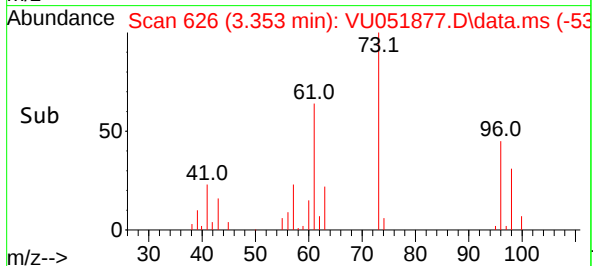
Instrument :
MSVOA_U
ClientSampleId :
MDL03



Tgt Ion: 96 Resp: 7144
Ion Ratio Lower Upper
96 100
61 142.8 98.3 182.7
98 68.7 45.5 84.5

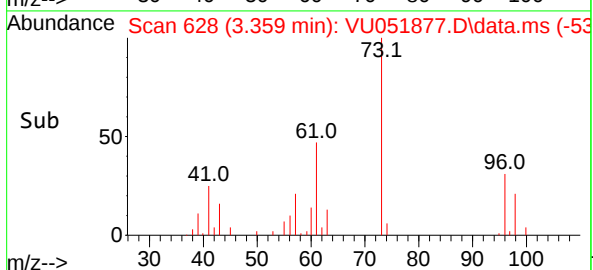
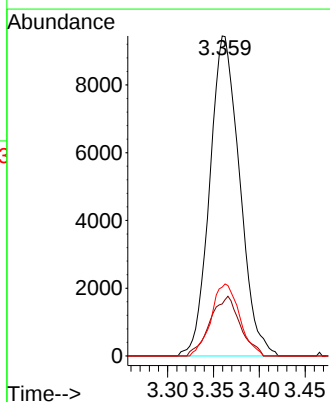
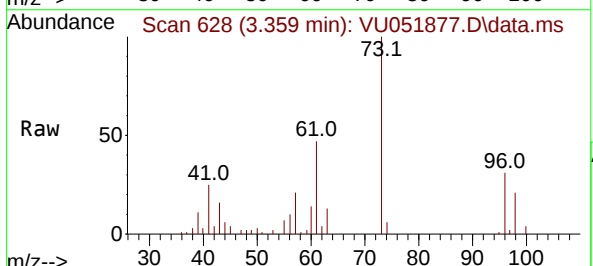
Manual Integrations
APPROVED

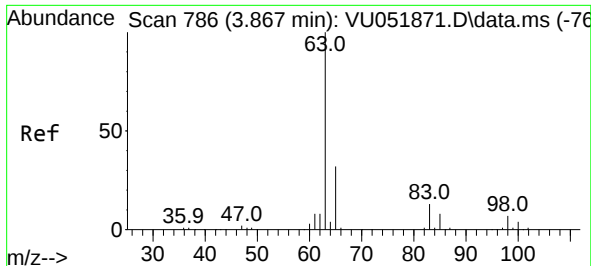
Reviewed By :Krupa Patel 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#18
Methyl tert-butyl Ether
Concen: 2.087 ug/L
RT: 3.359 min Scan# 628
Delta R.T. -0.003 min
Lab File: VU051877.D
Acq: 16 Nov 2022 12:18

Tgt Ion: 73 Resp: 21434
Ion Ratio Lower Upper
73 100
43 18.8 13.4 20.0
57 21.4 17.7 26.5





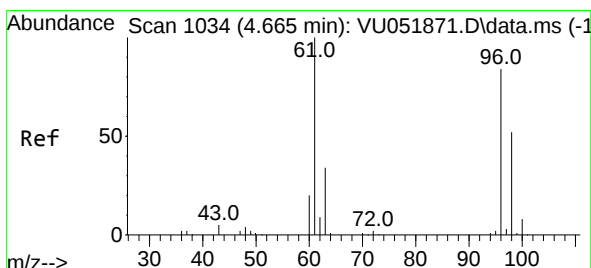
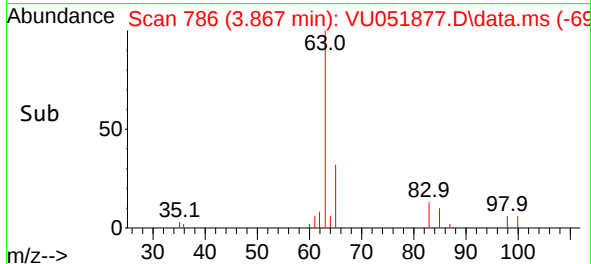
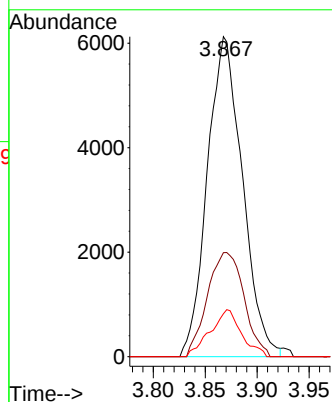
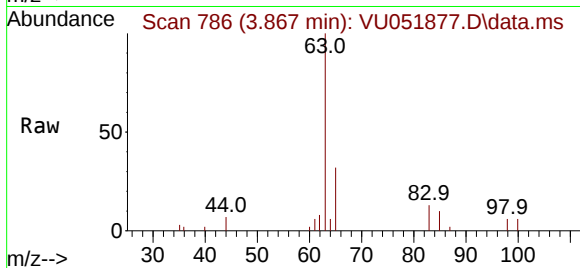
#19
1,1-Dichloroethane
Concen: 2.127 ug/L
RT: 3.867 min Scan# 786
Delta R.T. 0.000 min
Lab File: VU051877.D
Acq: 16 Nov 2022 12:18

Instrument :
MSVOA_U
ClientSampleId :
MDL03

Tgt Ion: 63 Resp: 1436
Ion Ratio Lower Upper
63 100
65 32.5 22.2 41.2
83 13.4 9.6 17.8

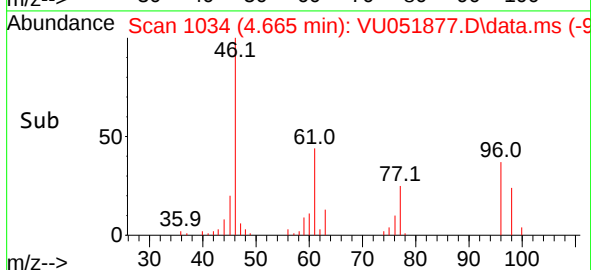
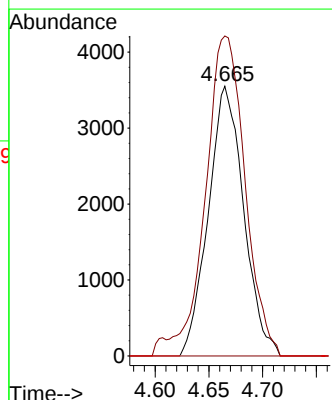
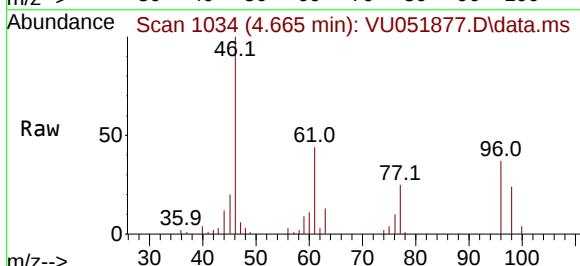
Manual Integrations
APPROVED

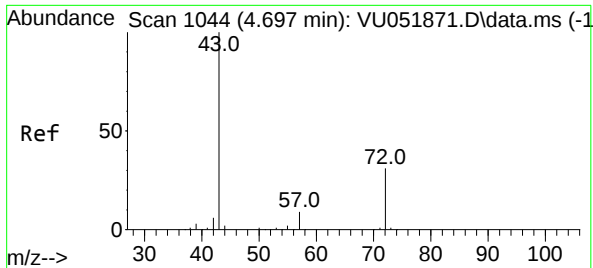
Reviewed By :Krupa Patel 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#20
cis-1,2-Dichloroethene
Concen: 2.101 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. 0.000 min
Lab File: VU051877.D
Acq: 16 Nov 2022 12:18

Tgt Ion: 96 Resp: 8135
Ion Ratio Lower Upper
96 100
61 118.6 86.0 159.8
68 0.0 0.0 0.0





#22

2-Butanone

Concen: 4.465 ug/L m

RT: 4.713 min Scan# 1049

Delta R.T. 0.016 min

Lab File: VU051877.D

Acq: 16 Nov 2022 12:18

Instrument :

MSVOA_U

ClientSampleId :

MDL03

Tgt Ion: 43 Resp: 1555

Ion Ratio Lower Upper

43 100

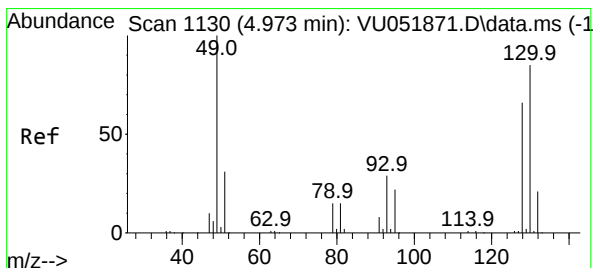
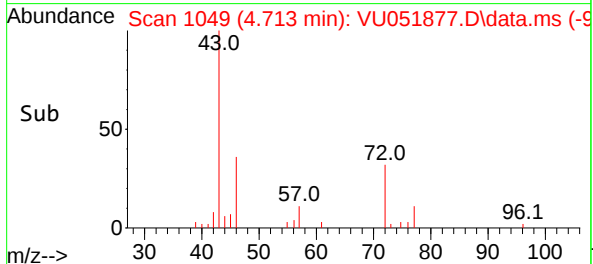
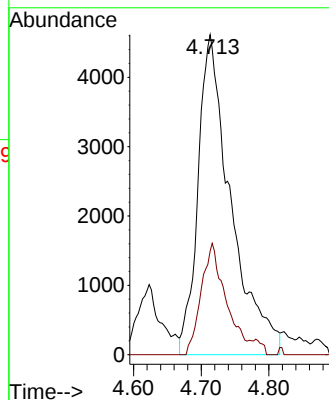
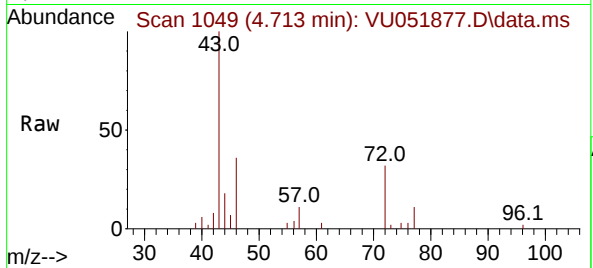
72 26.0 15.7 47.1

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/17/2022

Supervised By :Mahesh Dadoda 11/17/2022



#23

Bromochloromethane

Concen: 2.009 ug/L

RT: 4.973 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VU051877.D

Acq: 16 Nov 2022 12:18

Tgt Ion:128 Resp: 4292

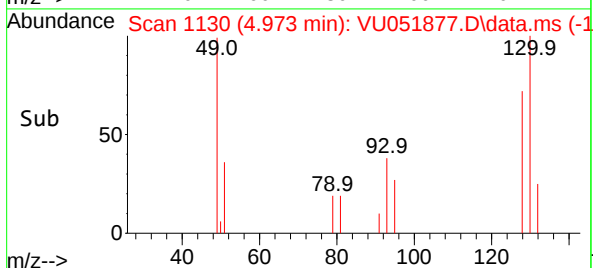
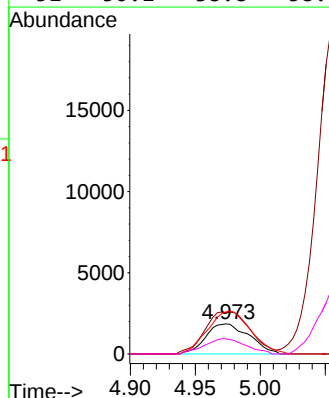
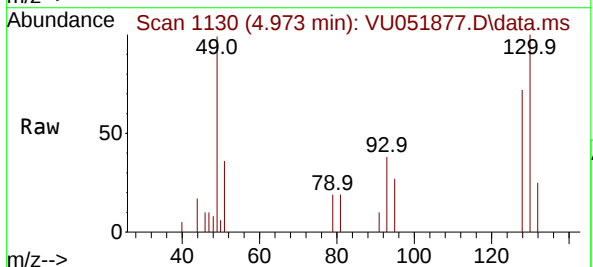
Ion Ratio Lower Upper

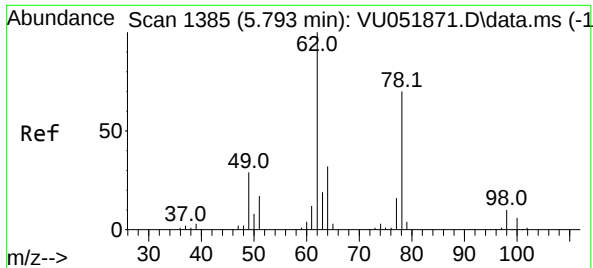
128 100

49 137.7 107.2 199.0

130 139.5 92.5 171.7

51 50.1 38.8 58.2





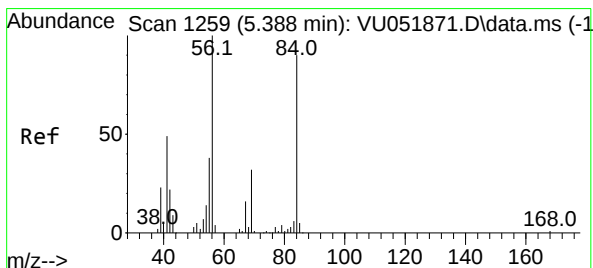
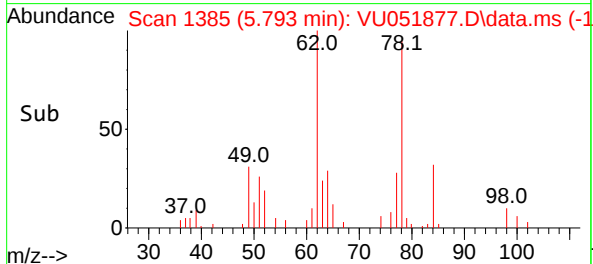
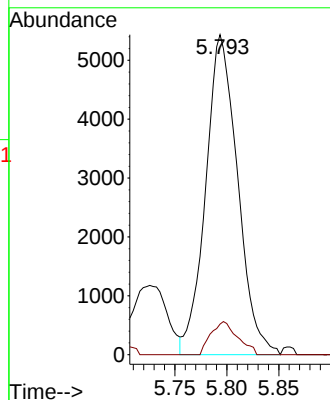
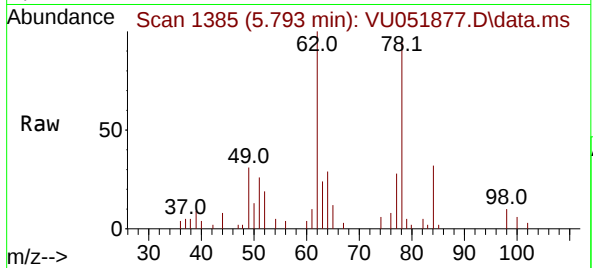
#27
1,2-Dichloroethane
Concen: 2.233 ug/L
RT: 5.793 min Scan# 11620
Delta R.T. 0.000 min
Lab File: VU051877.D
Acq: 16 Nov 2022 12:18

Instrument :
MSVOA_U
ClientSampleId :
MDL03

Tgt Ion: 62 Resp: 11620
Ion Ratio Lower Upper
62 100
98 9.5 8.1 12.1

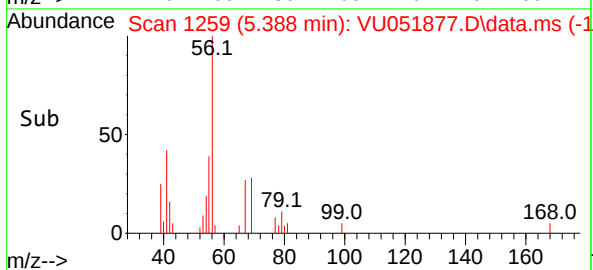
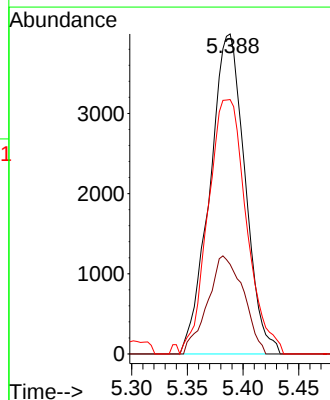
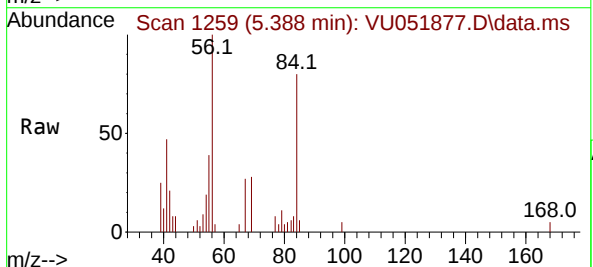
Manual Integrations
APPROVED

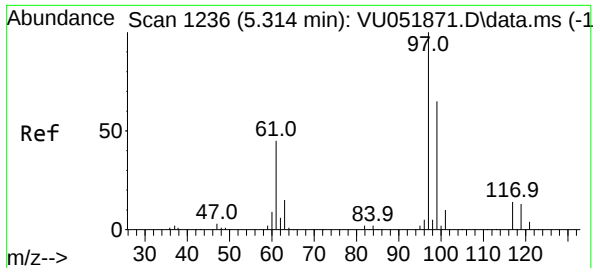
Reviewed By :Krupa Patel 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#29
Cyclohexane
Concen: 2.057 ug/L
RT: 5.388 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VU051877.D
Acq: 16 Nov 2022 12:18

Tgt Ion: 56 Resp: 8770
Ion Ratio Lower Upper
56 100
69 31.2 25.4 38.2
84 86.3 71.4 107.0





#30

1,1,1-Trichloroethane

Concen: 2.299 ug/L

RT: 5.314 min Scan# 1161

Delta R.T. 0.000 min

Lab File: VU051877.D

Acq: 16 Nov 2022 12:18

Instrument :

MSVOA_U

ClientSampleId :

MDL03

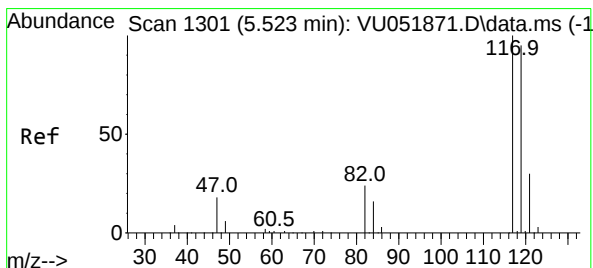
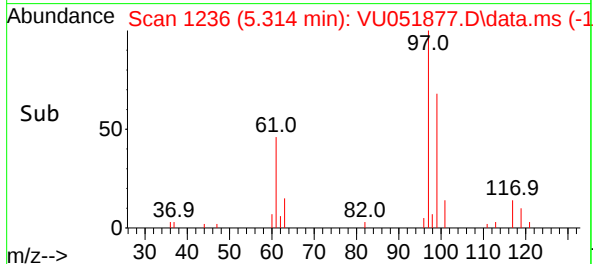
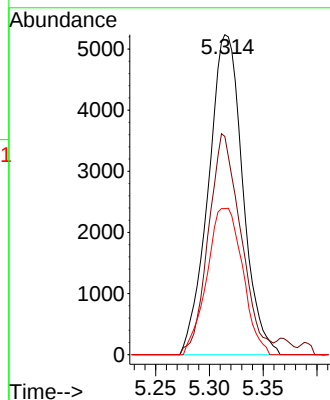
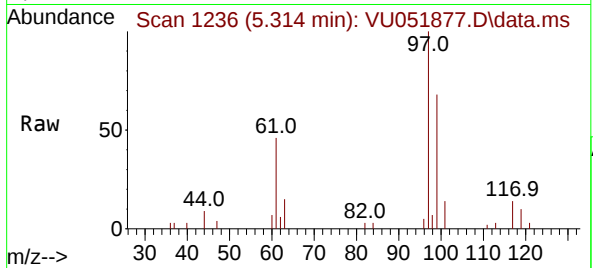
Tgt Ion: 97	Resp: 1161
Ion Ratio	Lower Upper
97 100	
99 65.4	51.2 76.8
61 47.6	37.4 56.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/17/2022

Supervised By :Mahesh Dadoda 11/17/2022



#31

Carbon tetrachloride

Concen: 2.416 ug/L

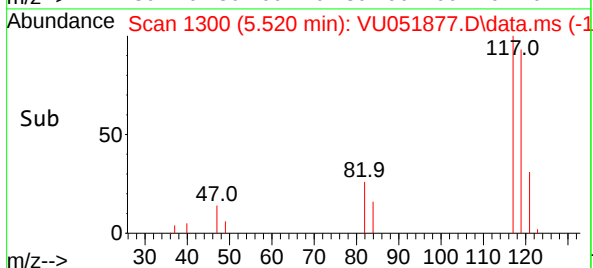
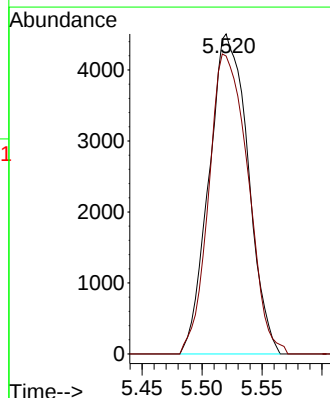
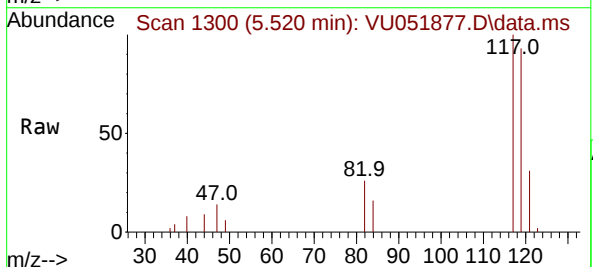
RT: 5.520 min Scan# 1300

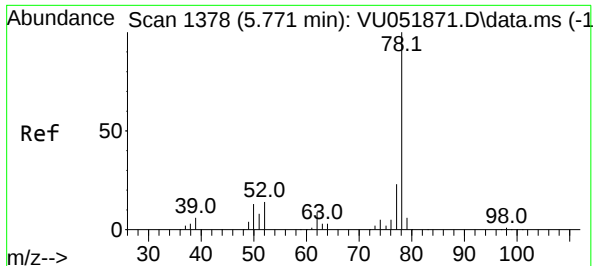
Delta R.T. -0.003 min

Lab File: VU051877.D

Acq: 16 Nov 2022 12:18

Tgt Ion:117	Resp: 10205
Ion Ratio	Lower Upper
117 100	
119 93.8	75.6 113.4





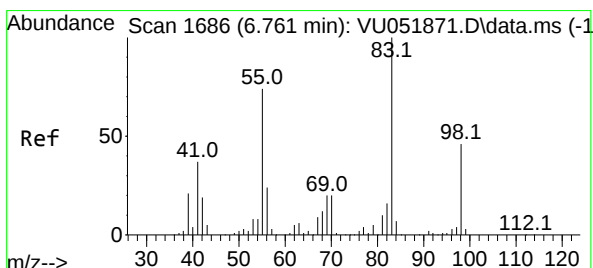
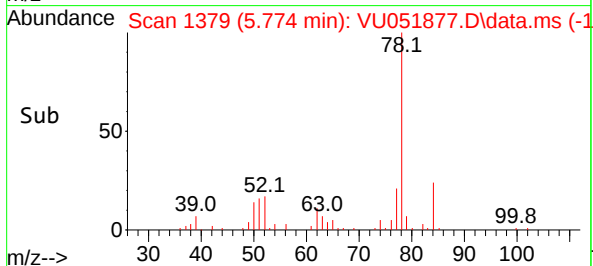
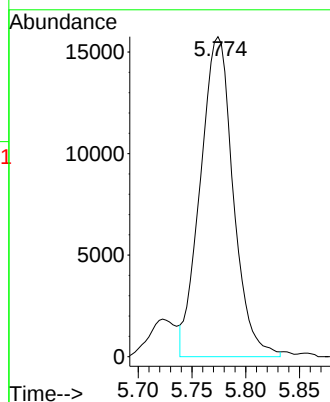
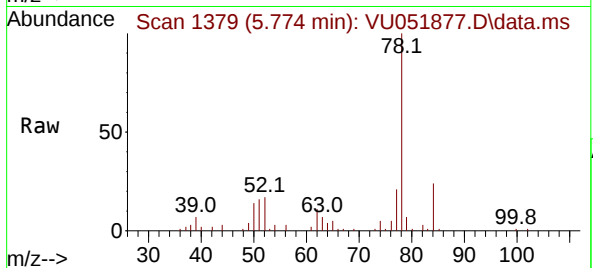
#33
Benzene
Concen: 2.331 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. 0.003 min
Lab File: VU051877.D
Acq: 16 Nov 2022 12:18

Instrument :
MSVOA_U
ClientSampleId :
MDL03

Tgt Ion: 78 Resp: 3351

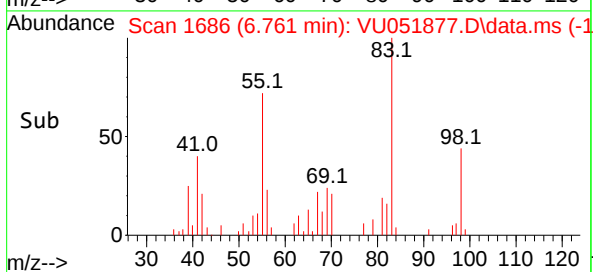
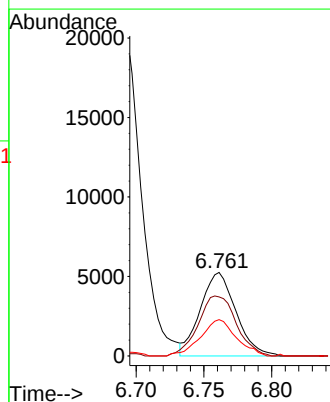
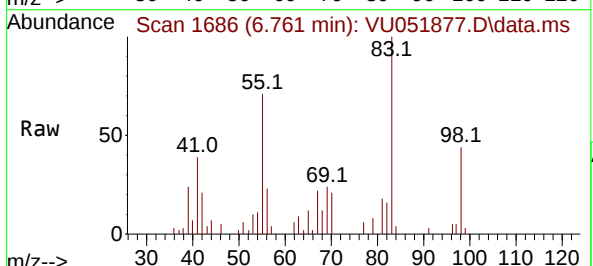
Manual Integrations
APPROVED

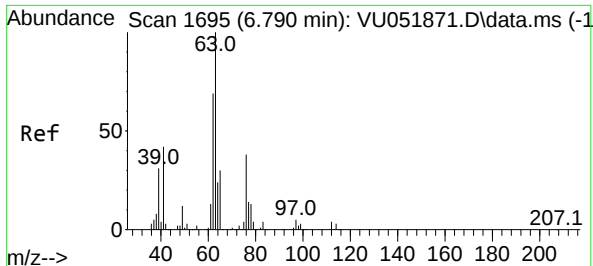
Reviewed By :Krupa Patel 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#35
Methylcyclohexane
Concen: 2.078 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VU051877.D
Acq: 16 Nov 2022 12:18

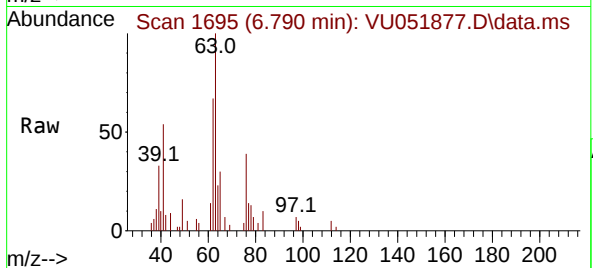
Tgt Ion: 83 Resp: 9597
Ion Ratio Lower Upper
83 100
55 76.7 60.0 90.0
98 43.6 35.8 53.8





#37
1,2-Dichloropropane
Concen: 2.368 ug/L
RT: 6.790 min Scan# 1695
Delta R.T. 0.000 min
Lab File: VU051877.D
Acq: 16 Nov 2022 12:18

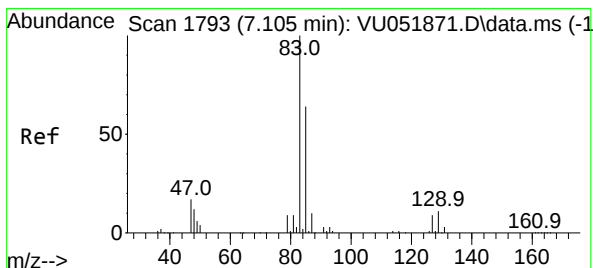
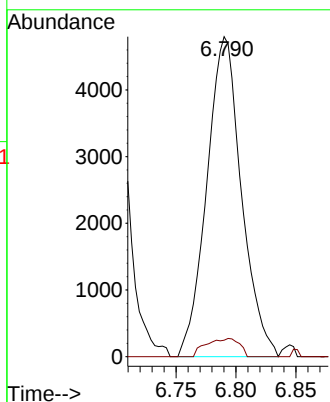
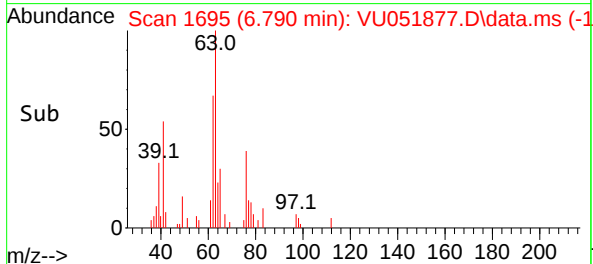
Instrument :
MSVOA_U
ClientSampleId :
MDL03



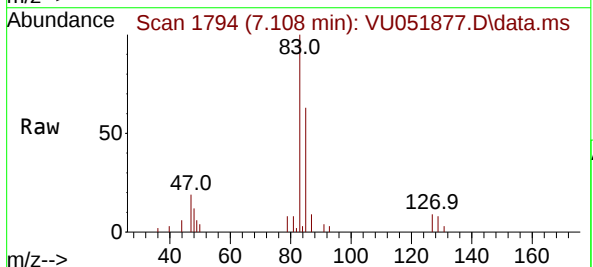
Tgt Ion: 63 Resp: 964
Ion Ratio Lower Upper
63 100
112 2.7 3.0 4.6

Manual Integrations
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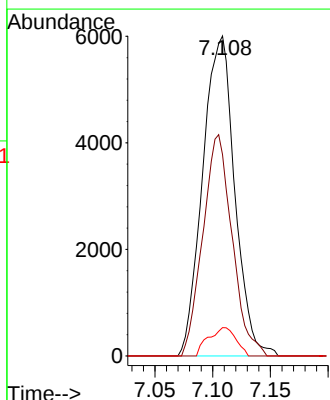
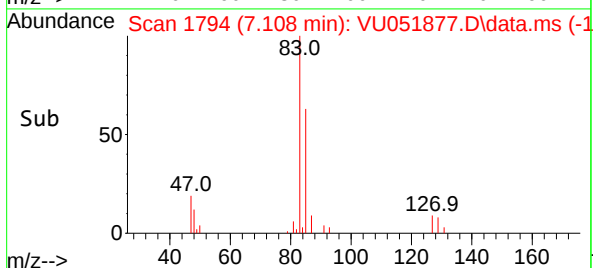
Reviewed By :Krupa Patel 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022

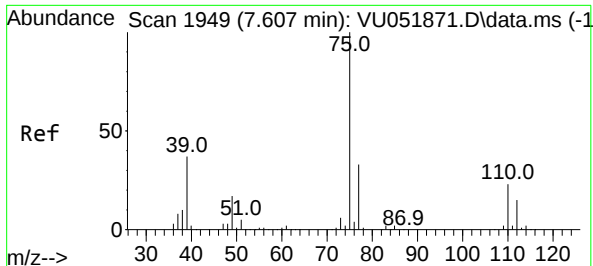


#38
Bromodichloromethane
Concen: 2.276 ug/L
RT: 7.108 min Scan# 1794
Delta R.T. 0.003 min
Lab File: VU051877.D
Acq: 16 Nov 2022 12:18



Tgt Ion: 83 Resp: 11591
Ion Ratio Lower Upper
83 100
85 62.9 44.6 82.8
127 8.8 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 2.110 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU051877.D

Acq: 16 Nov 2022 12:18

Instrument :

MSVOA_U

ClientSampleId :

MDL03

Tgt Ion: 75 Resp: 1123

Ion Ratio Lower Upper

75 100

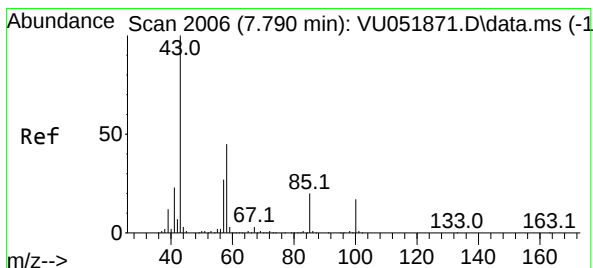
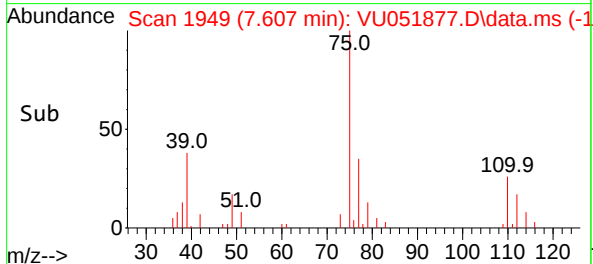
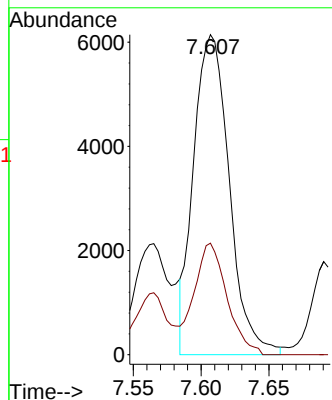
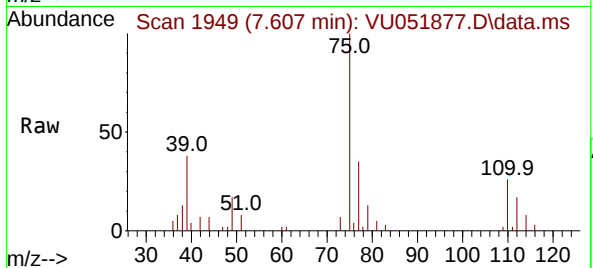
77 34.9 22.5 41.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/17/2022

Supervised By :Mahesh Dadoda 11/17/2022



#40

4-Methyl-2-pentanone

Concen: 3.726 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VU051877.D

Acq: 16 Nov 2022 12:18

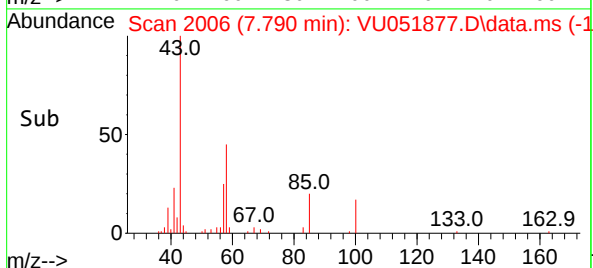
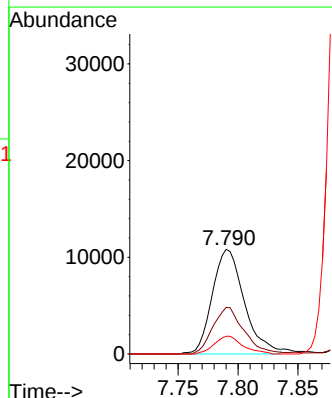
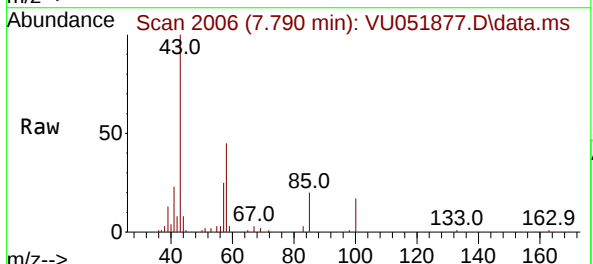
Tgt Ion: 43 Resp: 19977

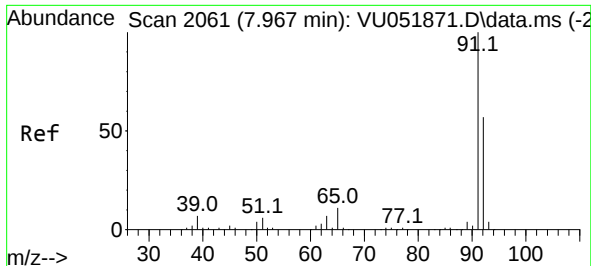
Ion Ratio Lower Upper

43 100

58 43.3 35.4 53.2

100 15.1 13.4 20.0





#42

Toluene

Concen: 2.187 ug/L

RT: 7.970 min Scan# 2061

Delta R.T. 0.003 min

Lab File: VU051877.D

Acq: 16 Nov 2022 12:18

Instrument :

MSVOA_U

ClientSampleId :

MDL03

Tgt Ion: 91 Resp: 3234

Ion Ratio Lower Upper

91 100

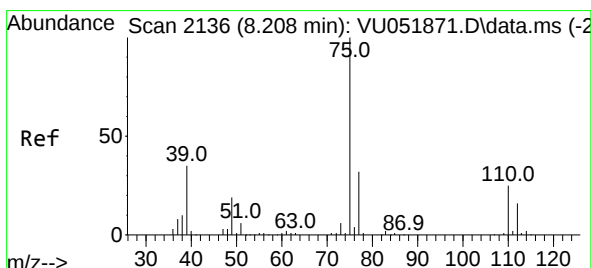
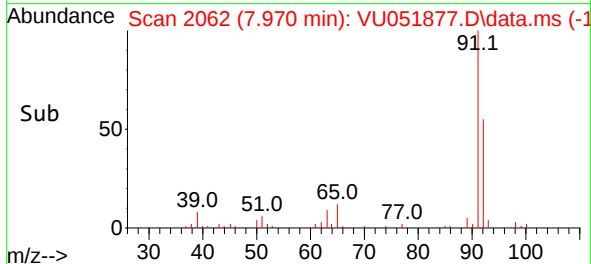
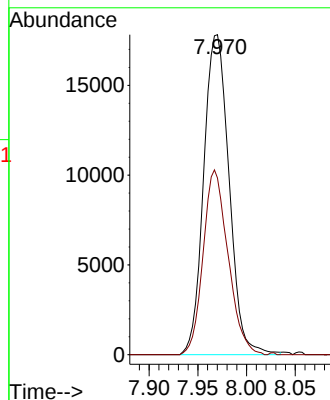
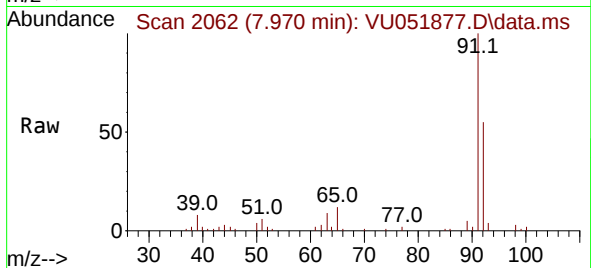
92 55.2 39.5 73.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/17/2022

Supervised By :Mahesh Dadoda 11/17/2022



#44

trans-1,3-Dichloropropene

Concen: 2.288 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. 0.000 min

Lab File: VU051877.D

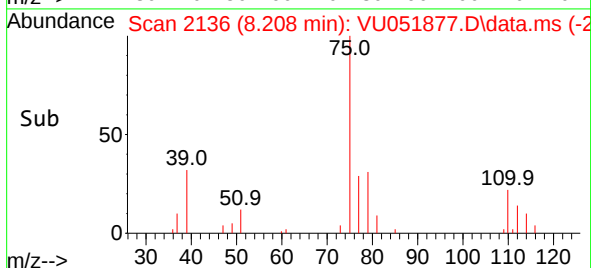
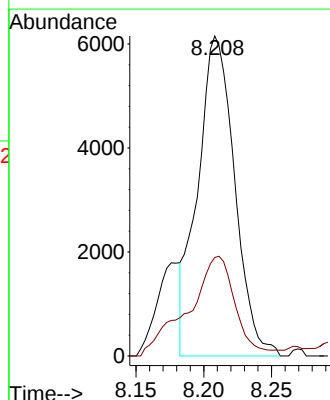
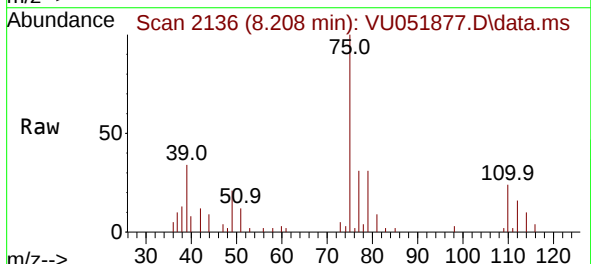
Acq: 16 Nov 2022 12:18

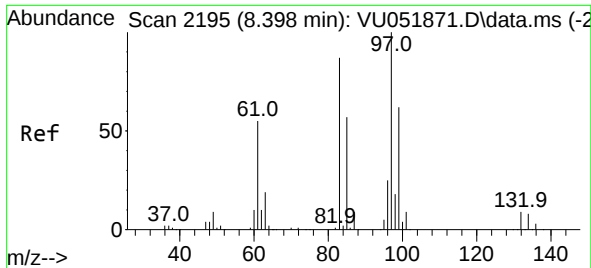
Tgt Ion: 75 Resp: 11676

Ion Ratio Lower Upper

75 100

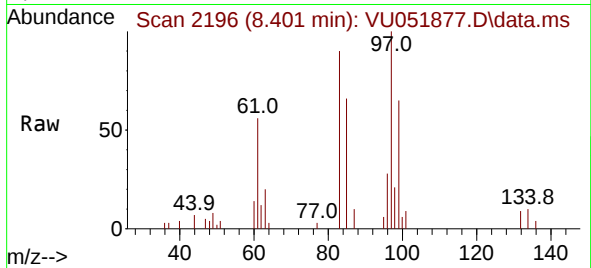
77 30.8 21.8 40.6





#45
1,1,2-Trichloroethane
Concen: 2.128 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.003 min
Lab File: VU051877.D
Acq: 16 Nov 2022 12:18

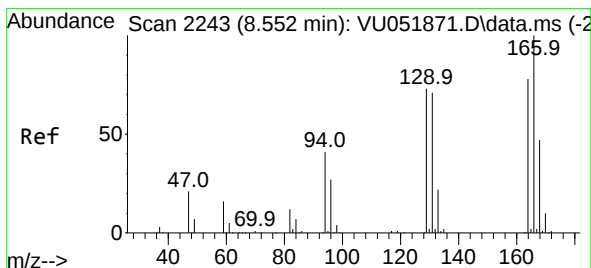
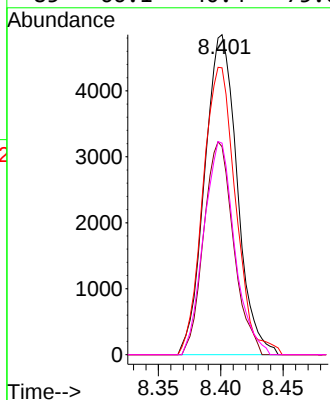
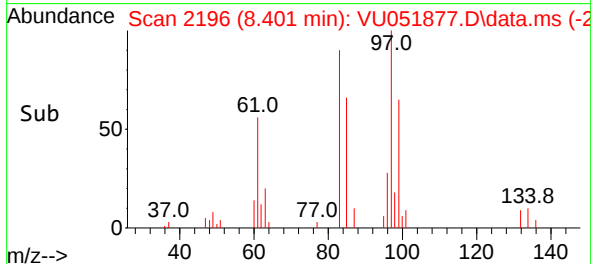
Instrument :
MSVOA_U
ClientSampleId :
MDL03



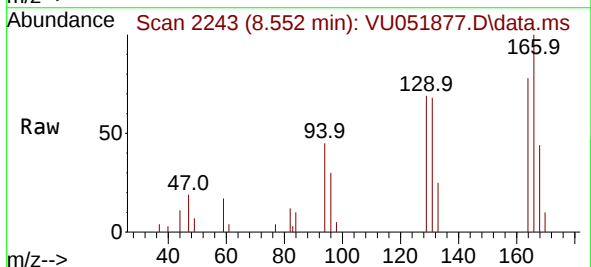
Tgt Ion:	97	Resp:	880
Ion	Ratio	Lower	Upper
97	100		
99	65.0	44.3	82.3
83	89.7	62.3	115.7
85	66.1	40.4	75.0

Manual Integrations
APPROVED

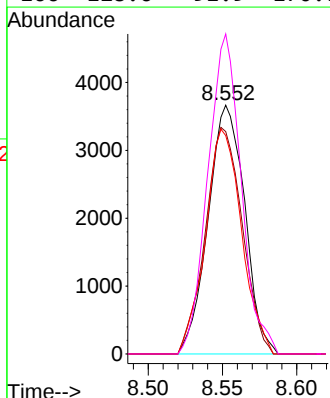
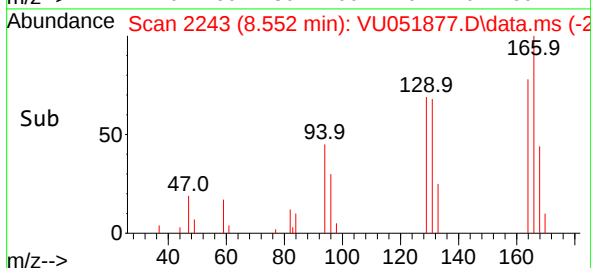
Reviewed By :Krupa Patel 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022

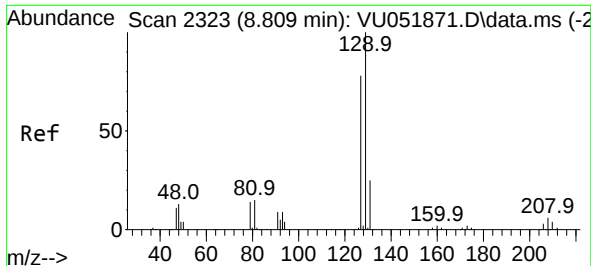


#46
Tetrachloroethene
Concen: 2.305 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU051877.D
Acq: 16 Nov 2022 12:18



Tgt Ion:	164	Resp:	6269
Ion	Ratio	Lower	Upper
164	100		
129	89.4	68.5	127.1
131	87.8	66.6	123.8
166	128.6	91.9	170.7





#49

Dibromochloromethane

Concen: 2.086 ug/L

RT: 8.806 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU051877.D

Acq: 16 Nov 2022 12:18

Instrument :

MSVOA_U

ClientSampleId :

MDL03

Tgt Ion:129 Resp: 889

Ion Ratio Lower Upper

129 100

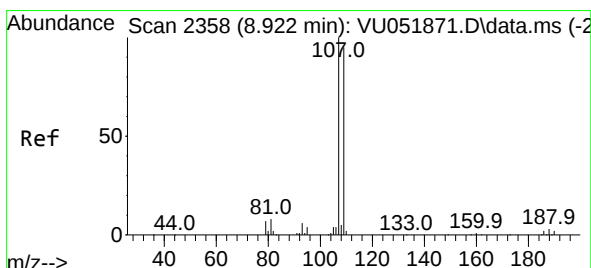
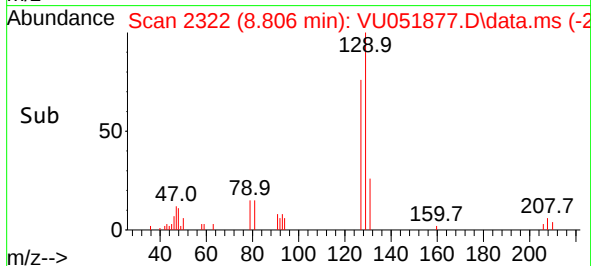
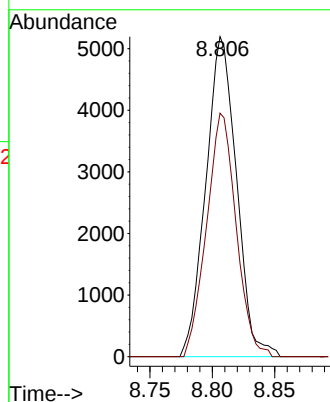
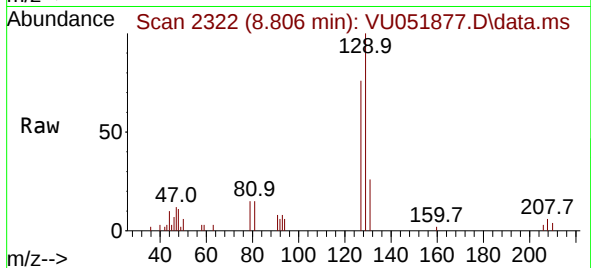
127 76.1 54.4 101.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/17/2022

Supervised By :Mahesh Dadoda 11/17/2022



#50

1,2-Dibromoethane

Concen: 2.336 ug/L

RT: 8.922 min Scan# 2358

Delta R.T. 0.000 min

Lab File: VU051877.D

Acq: 16 Nov 2022 12:18

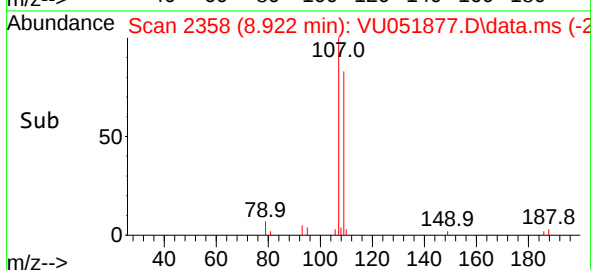
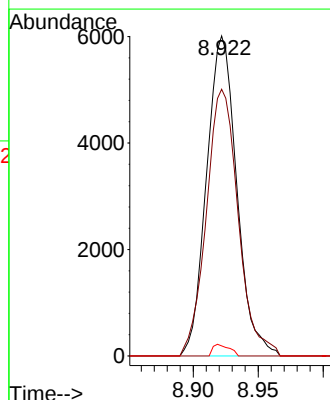
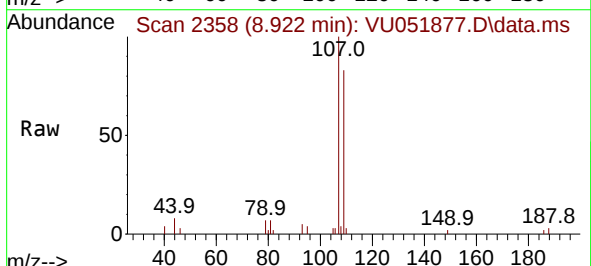
Tgt Ion:107 Resp: 9727

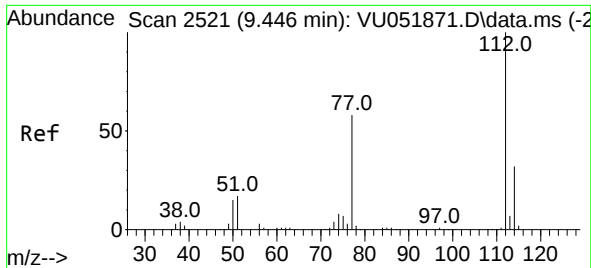
Ion Ratio Lower Upper

107 100

109 83.3 65.0 120.6

188 3.1 2.9 4.3





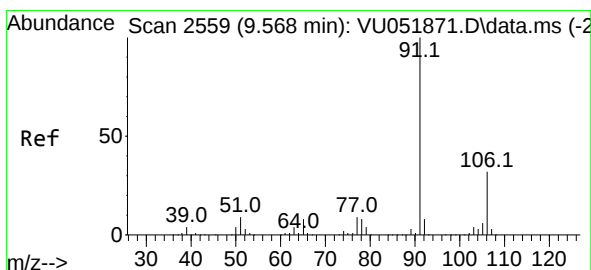
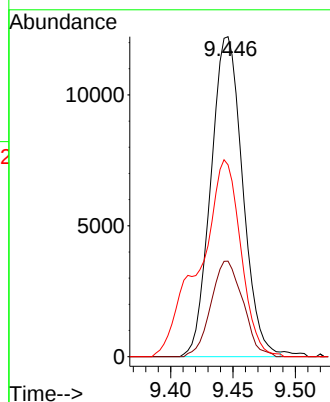
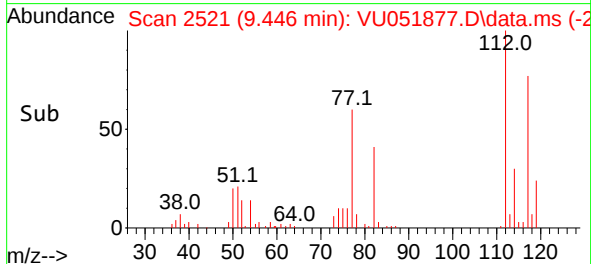
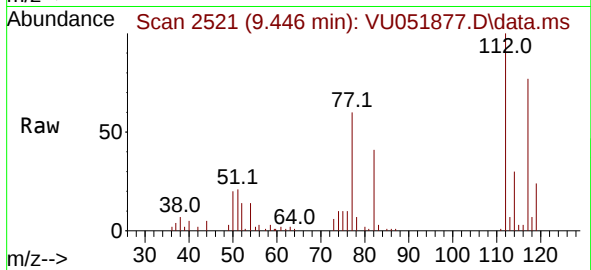
#51
Chlorobenzene
Concen: 2.147 ug/L
RT: 9.446 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VU051877.D
Acq: 16 Nov 2022 12:18

Instrument :
MSVOA_U
ClientSampleId :
MDL03

Tgt Ion:112 Resp: 2169
Ion Ratio Lower Upper
112 100
114 29.8 22.2 41.2
77 60.0 46.7 70.1

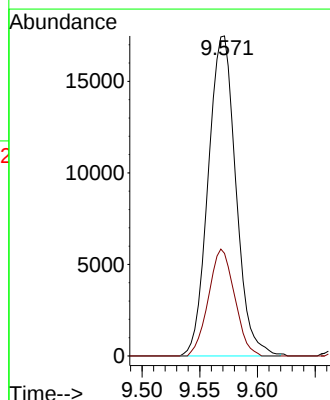
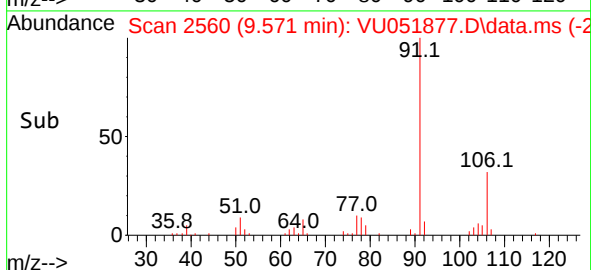
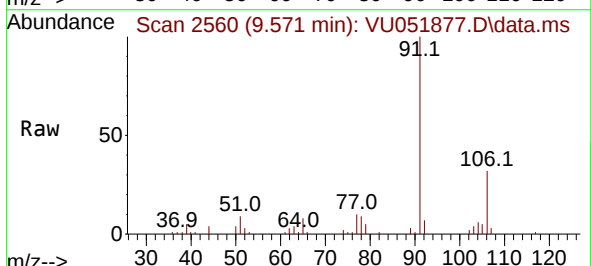
Manual Integrations
APPROVED

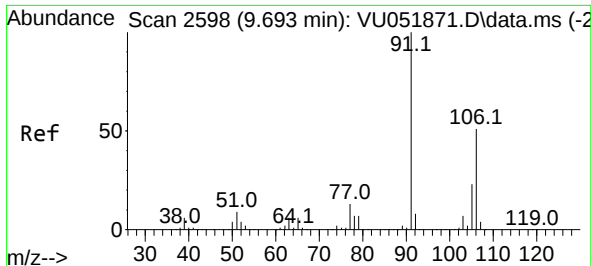
Reviewed By :Krupa Patel 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#52
Ethylbenzene
Concen: 1.928 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.003 min
Lab File: VU051877.D
Acq: 16 Nov 2022 12:18

Tgt Ion: 91 Resp: 29179
Ion Ratio Lower Upper
91 100
106 32.1 21.3 39.6





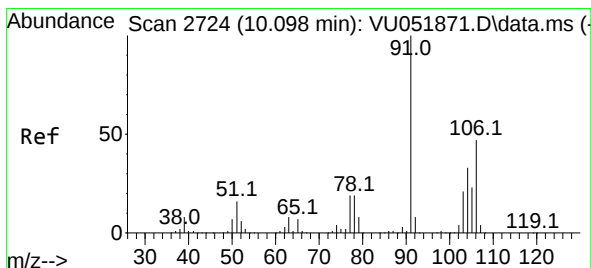
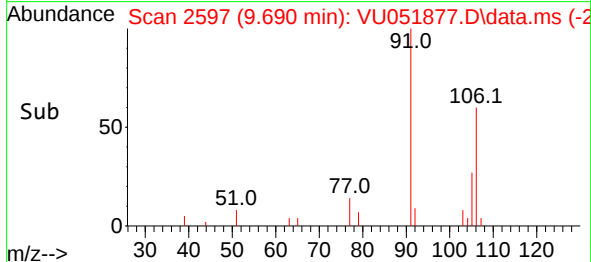
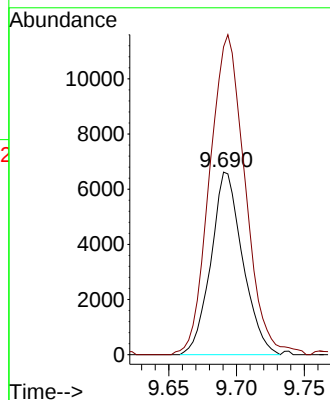
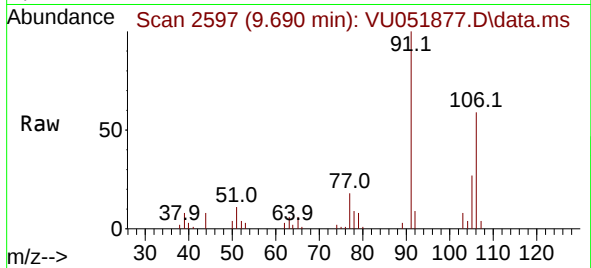
#53
m,p-Xylene
Concen: 1.837 ug/L
RT: 9.690 min Scan# 2598
Delta R.T. -0.003 min
Lab File: VU051877.D
Acq: 16 Nov 2022 12:18

Instrument :
MSVOA_U
ClientSampleId :
MDL03

Tgt Ion:106 Resp: 10759
Ion Ratio Lower Upper
106 100
91 168.7 141.7 263.3

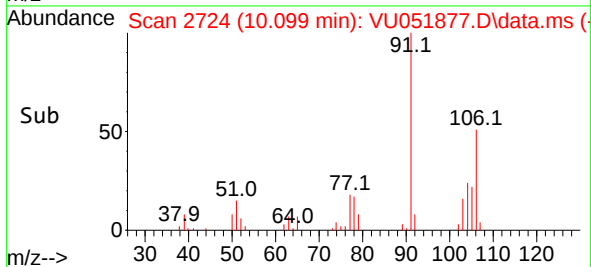
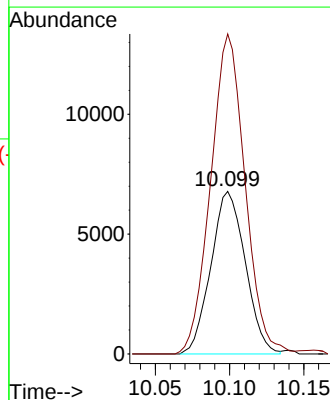
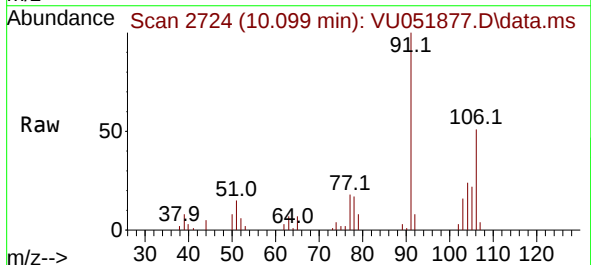
Manual Integrations
APPROVED

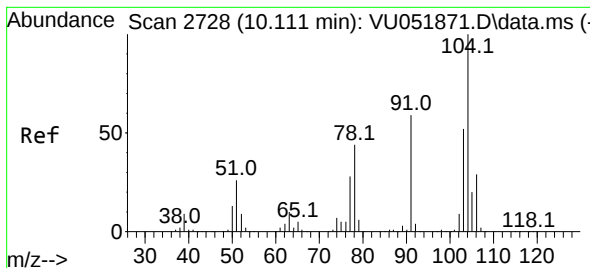
Reviewed By :Krupa Patel 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#54
o-Xylene
Concen: 1.836 ug/L
RT: 10.099 min Scan# 2724
Delta R.T. 0.000 min
Lab File: VU051877.D
Acq: 16 Nov 2022 12:18

Tgt Ion:106 Resp: 10944
Ion Ratio Lower Upper
106 100
91 196.8 149.7 278.1





#55

Styrene

Concen: 1.510 ug/L

RT: 10.115 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU051877.D

Acq: 16 Nov 2022 12:18

Instrument :

MSVOA_U

ClientSampleId :

MDL03

Tgt Ion:104 Resp: 15539

Ion Ratio Lower Upper

104 100

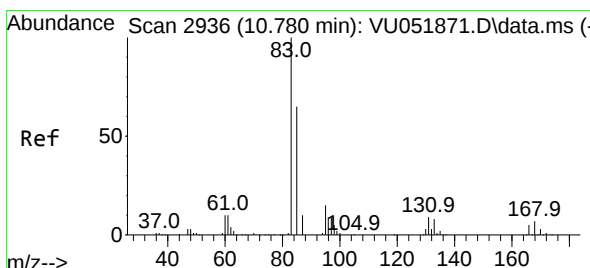
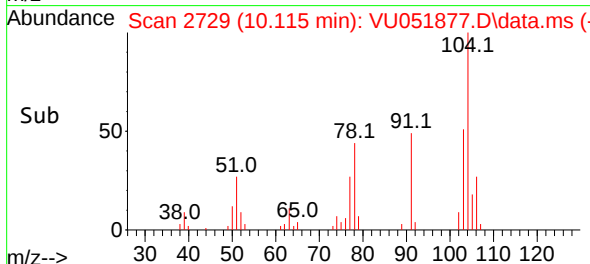
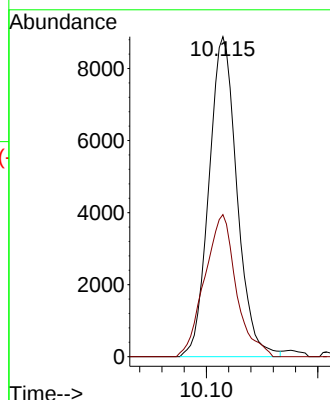
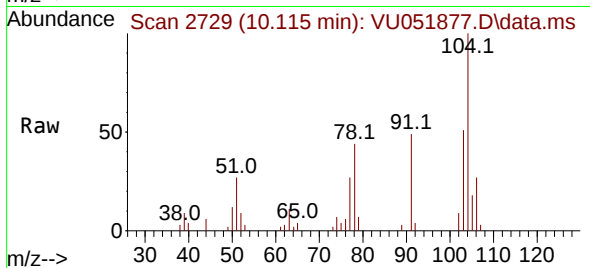
78 44.4 30.3 56.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/17/2022

Supervised By :Mahesh Dadoda 11/17/2022



#57

1,1,2,2-Tetrachloroethane

Concen: 2.157 ug/L

RT: 10.780 min Scan# 2936

Delta R.T. 0.000 min

Lab File: VU051877.D

Acq: 16 Nov 2022 12:18

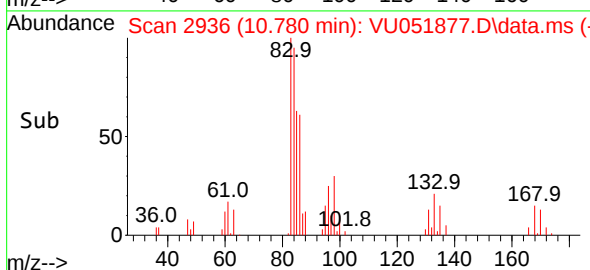
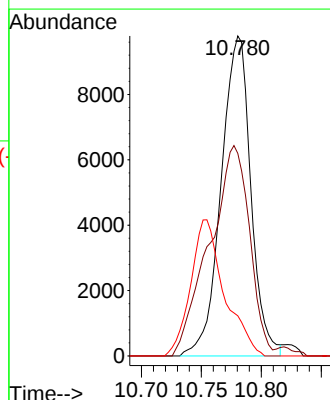
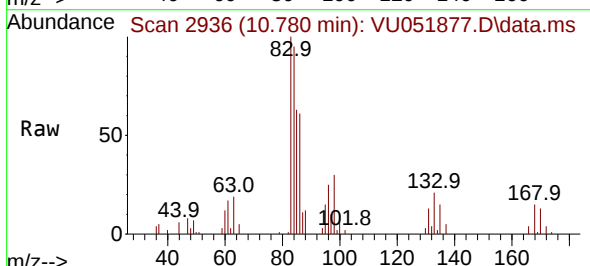
Tgt Ion: 83 Resp: 16863

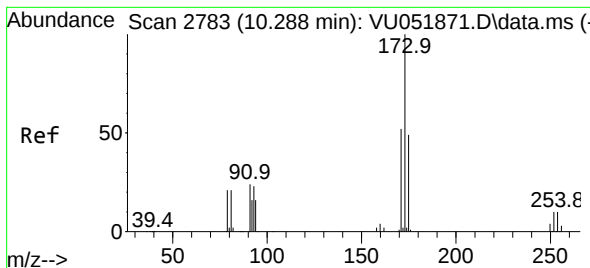
Ion Ratio Lower Upper

83 100

85 63.3 44.9 83.3

131 12.5 6.8 10.2#





#59

Bromoform

Concen: 2.364 ug/L

RT: 10.288 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU051877.D

Acq: 16 Nov 2022 12:18

Instrument :

MSVOA_U

ClientSampleId :

MDL03

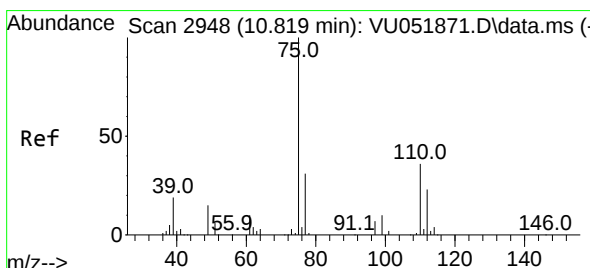
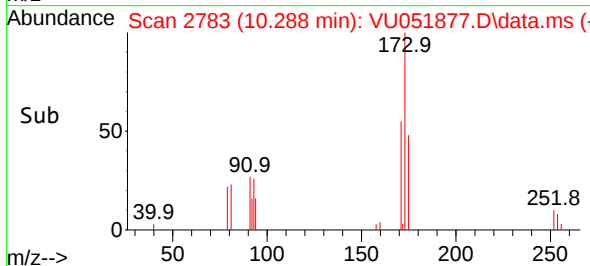
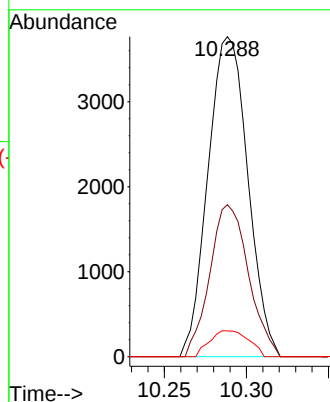
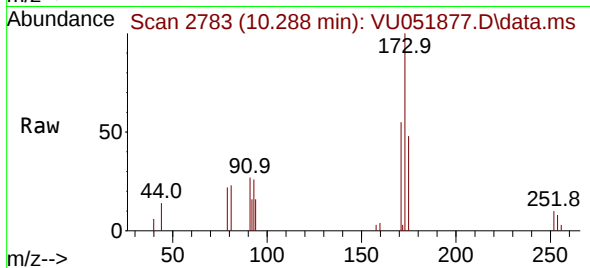
Tgt Ion:173	Resp:	6349
Ion Ratio	Lower	Upper
173	100	
175	46.1	38.9 58.3
254	7.9	7.4 11.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/17/2022

Supervised By :Mahesh Dadoda 11/17/2022



#60

1,2,3-Trichloropropane

Concen: 2.608 ug/L

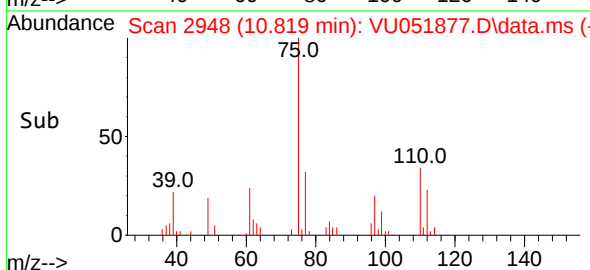
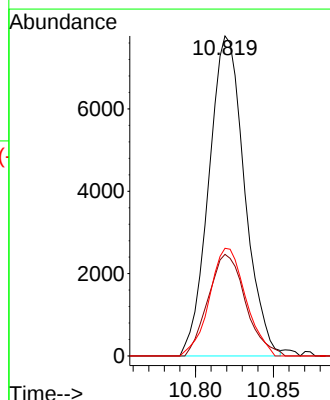
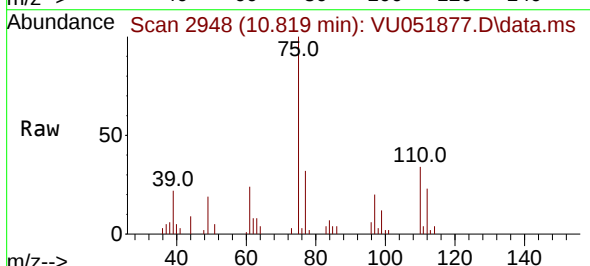
RT: 10.819 min Scan# 2948

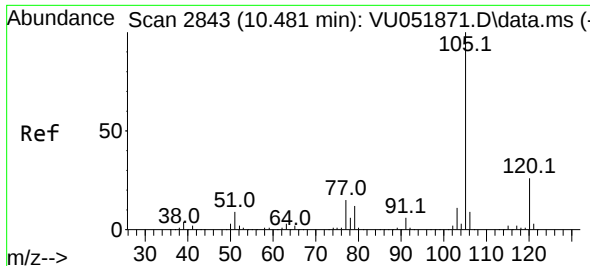
Delta R.T. 0.000 min

Lab File: VU051877.D

Acq: 16 Nov 2022 12:18

Tgt Ion: 75	Resp:	12360
Ion Ratio	Lower	Upper
75	100	
77	33.3	26.2 39.4
110	34.1	29.0 43.4





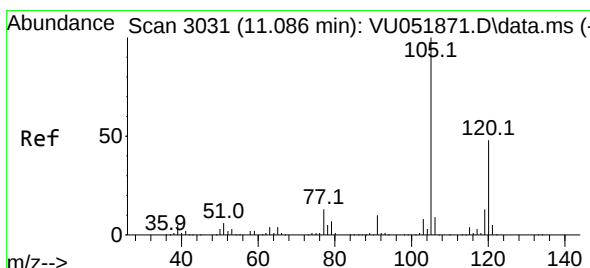
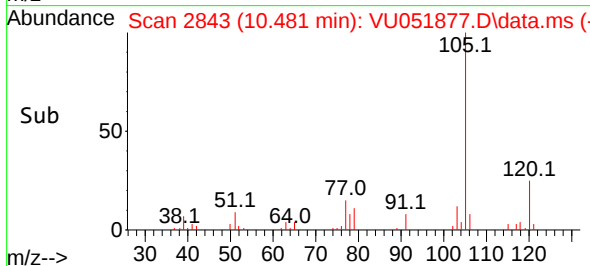
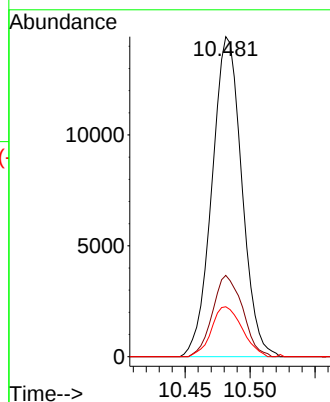
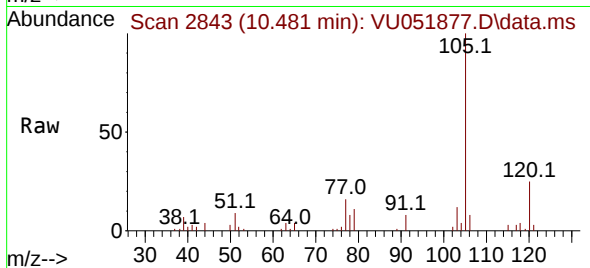
#61
Isopropylbenzene
Concen: 1.989 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. 0.000 min
Lab File: VU051877.D
Acq: 16 Nov 2022 12:18

Instrument :
MSVOA_U
ClientSampleId :
MDL03

Tgt Ion:105 Resp: 23030
Ion Ratio Lower Upper
105 100
120 25.5 21.1 31.7
77 16.1 12.2 18.4

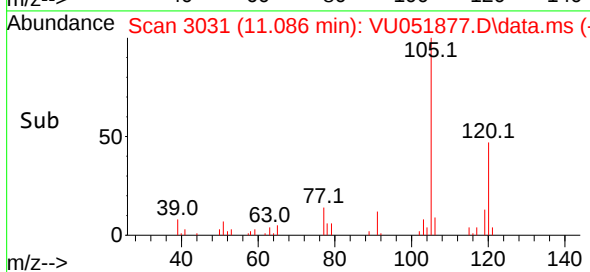
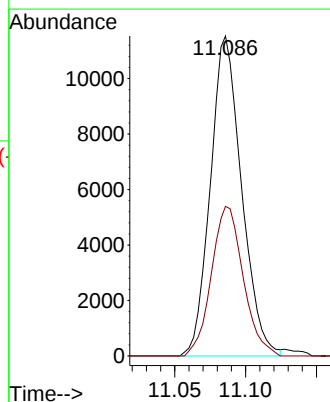
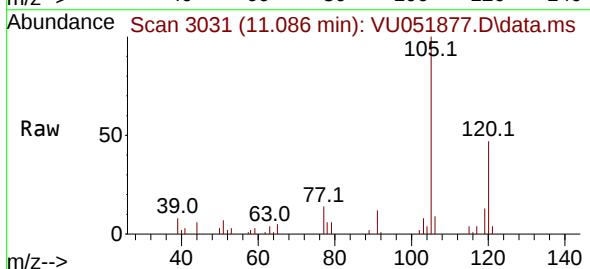
Manual Integrations
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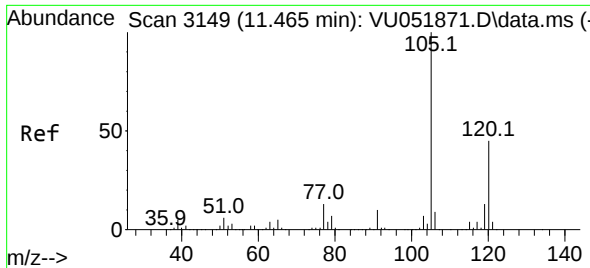
Reviewed By :Krupa Patel 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#62
1,3,5-Trimethylbenzene
Concen: 1.871 ug/L
RT: 11.086 min Scan# 3031
Delta R.T. 0.000 min
Lab File: VU051877.D
Acq: 16 Nov 2022 12:18

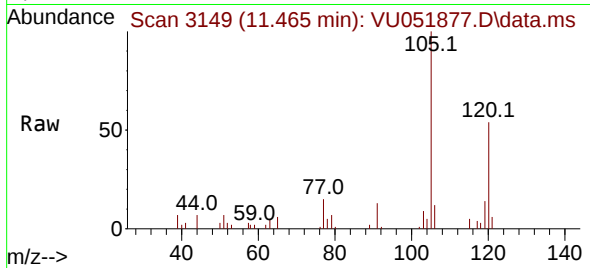
Tgt Ion:105 Resp: 17651
Ion Ratio Lower Upper
105 100
120 47.7 39.1 58.7





#63
1,2,4-Trimethylbenzene
Concen: 1.613 ug/L
RT: 11.465 min Scan# 3149
Delta R.T. 0.000 min
Lab File: VU051877.D
Acq: 16 Nov 2022 12:18

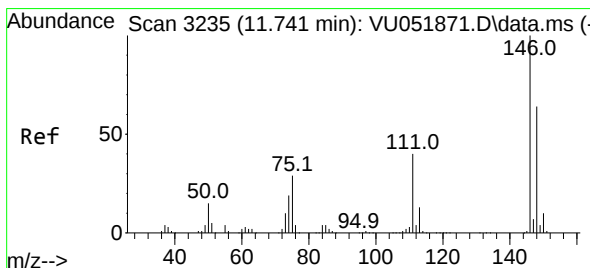
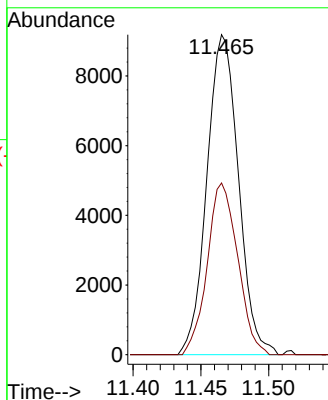
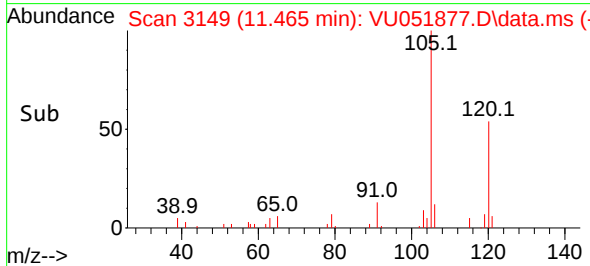
Instrument :
MSVOA_U
ClientSampleId :
MDL03



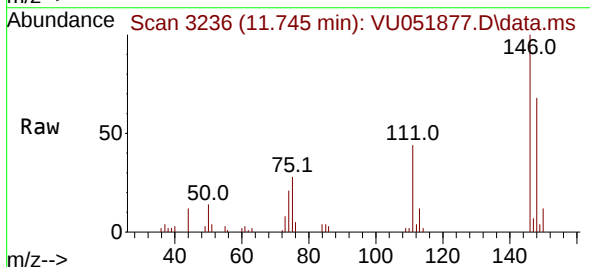
Tgt Ion:105 Resp: 1486
Ion Ratio Lower Upper
105 100
120 51.8 36.2 54.2

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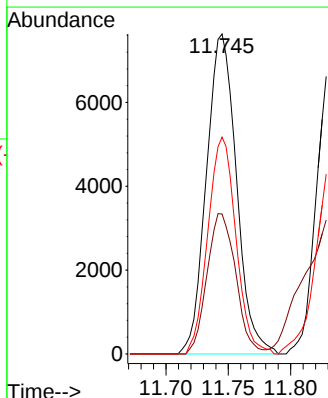
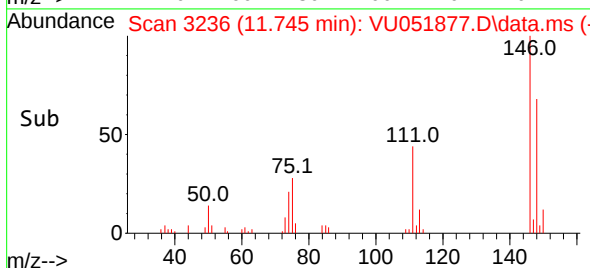
Reviewed By :Krupa Patel 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022

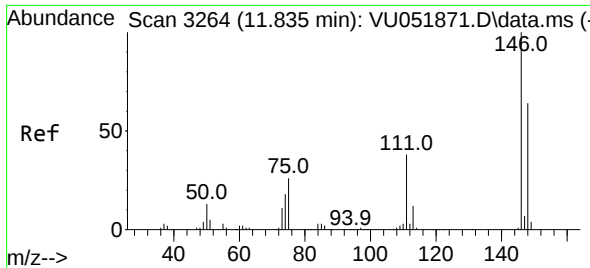


#64
1,3-Dichlorobenzene
Concen: 2.183 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. 0.003 min
Lab File: VU051877.D
Acq: 16 Nov 2022 12:18



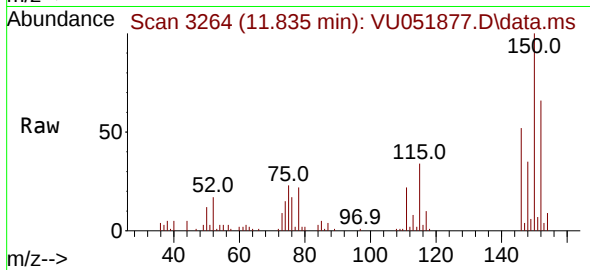
Tgt Ion:146 Resp: 12812
Ion Ratio Lower Upper
146 100
111 43.8 28.1 52.1
148 67.7 44.4 82.4





#65
1,4-Dichlorobenzene
Concen: 2.146 ug/L
RT: 11.835 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU051877.D
Acq: 16 Nov 2022 12:18

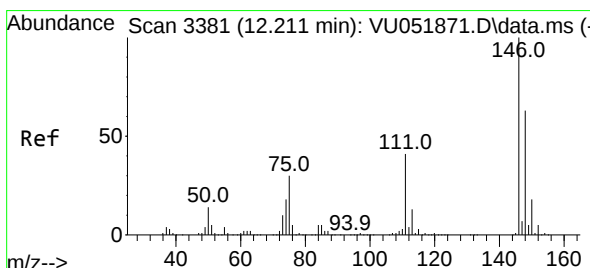
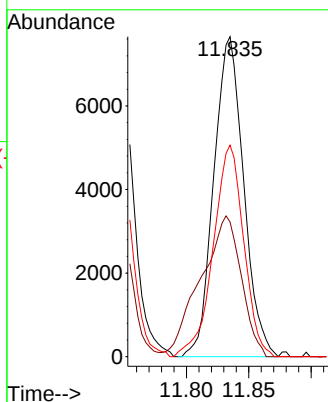
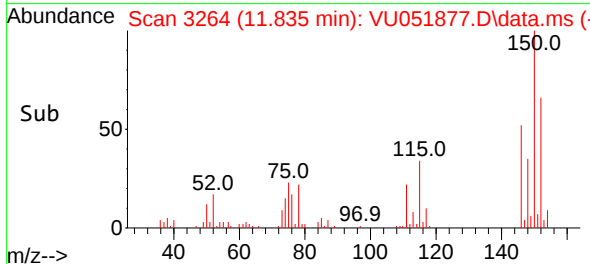
Instrument :
MSVOA_U
ClientSampleId :
MDL03



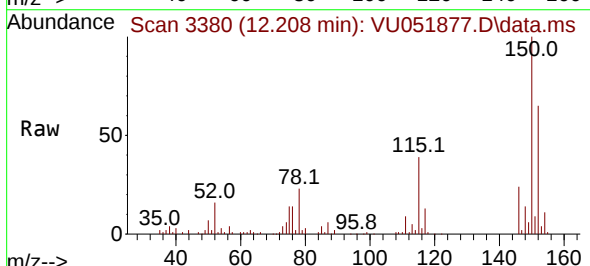
Tgt Ion:146 Resp: 1275
Ion Ratio Lower Upper
146 100
111 42.1 26.7 49.5
148 66.1 44.4 82.4

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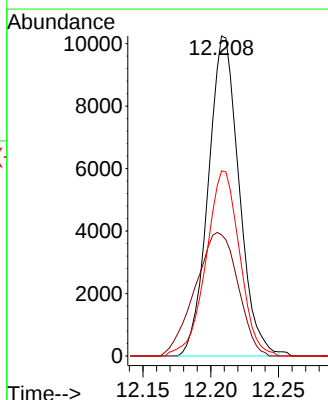
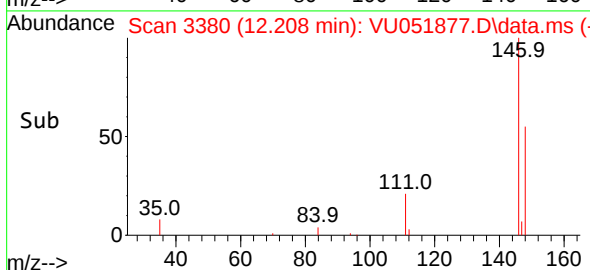
Reviewed By :Krupa Patel 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022

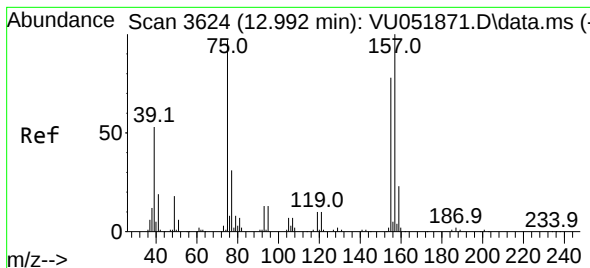


#67
1,2-Dichlorobenzene
Concen: 2.594 ug/L
RT: 12.208 min Scan# 3380
Delta R.T. -0.003 min
Lab File: VU051877.D
Acq: 16 Nov 2022 12:18



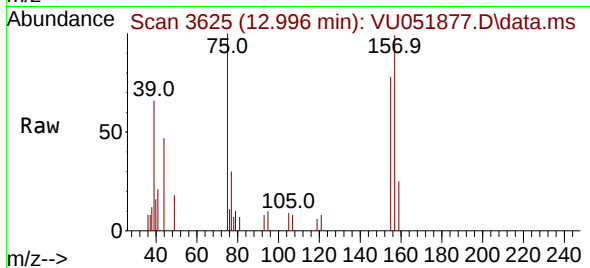
Tgt Ion:146 Resp: 16186
Ion Ratio Lower Upper
146 100
111 37.9 33.6 50.4
148 57.8 50.9 76.3





#68
1,2-Dibromo-3-chloropropane
Concen: 2.417 ug/L
RT: 12.996 min Scan# 3625
Delta R.T. 0.003 min
Lab File: VU051877.D
Acq: 16 Nov 2022 12:18

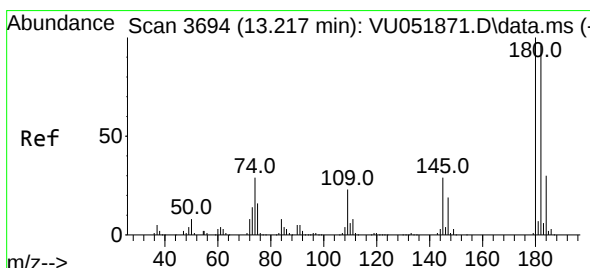
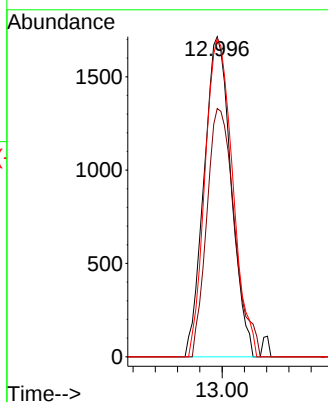
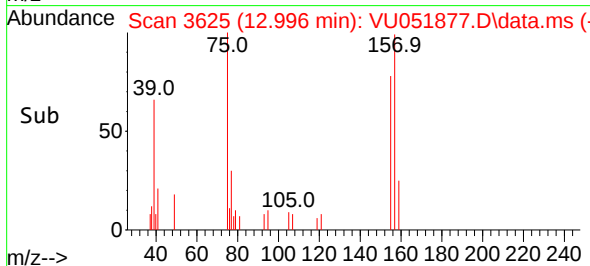
Instrument :
MSVOA_U
ClientSampleId :
MDL03



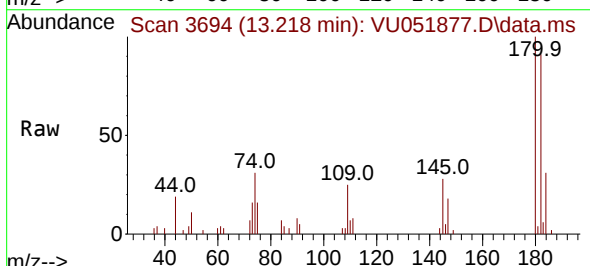
Tgt Ion: 75 Resp: 293
Ion Ratio Lower Upper
75 100
155 77.6 63.0 94.6
157 99.5 79.4 119.0

Manual Integrations
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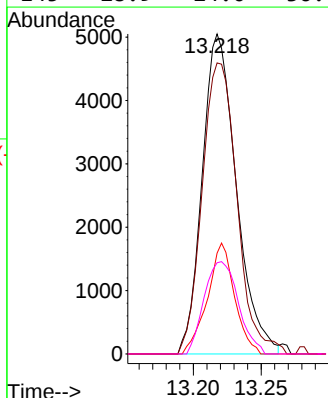
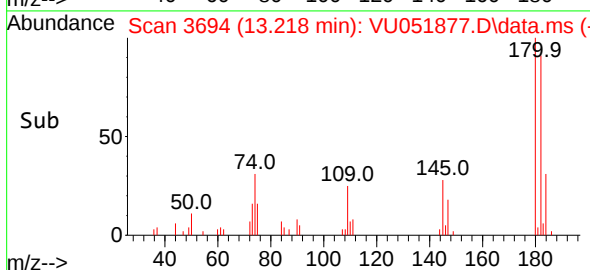
Reviewed By :Krupa Patel 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022

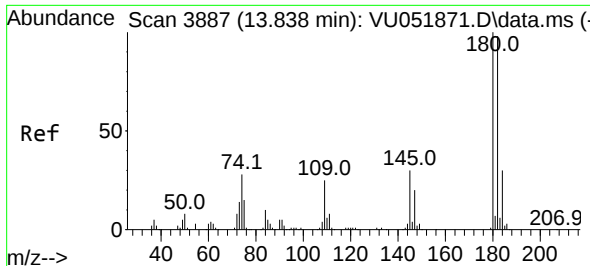


#69
1,3,5-Trichlorobenzene
Concen: 2.267 ug/L
RT: 13.218 min Scan# 3694
Delta R.T. 0.000 min
Lab File: VU051877.D
Acq: 16 Nov 2022 12:18



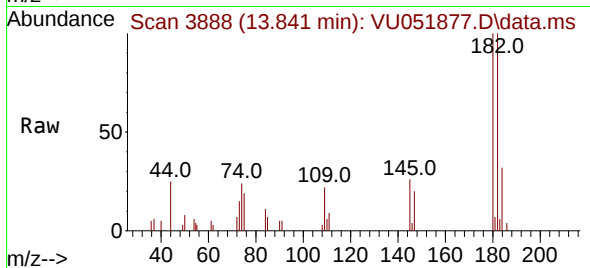
Tgt Ion:180 Resp: 8825
Ion Ratio Lower Upper
180 100
182 91.8 77.0 115.4
184 27.6 23.8 35.8
145 28.9 24.0 36.0





#70
1,2,4-trichlorobenzene
Concen: 1.946 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. 0.004 min
Lab File: VU051877.D
Acq: 16 Nov 2022 12:18

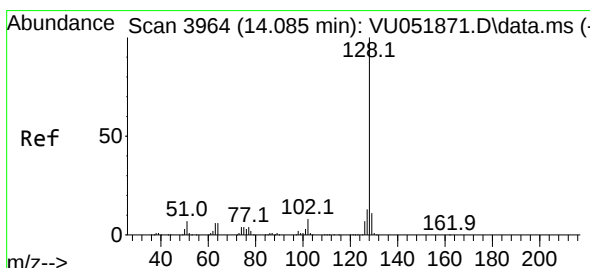
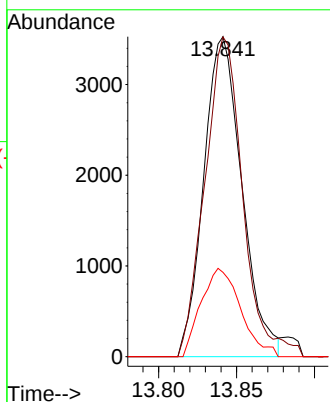
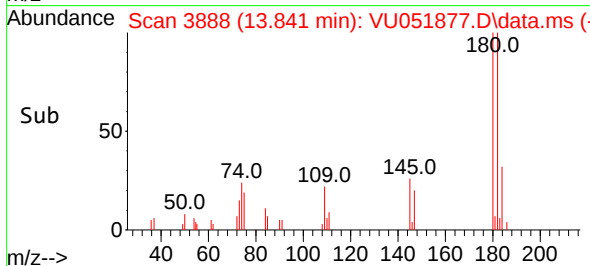
Instrument :
MSVOA_U
ClientSampleId :
MDL03



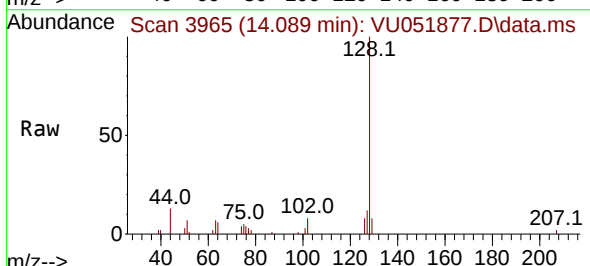
Tgt Ion:180 Resp: 6004
Ion Ratio Lower Upper
180 100
182 98.6 76.4 114.6
145 28.0 24.2 36.2

Manual Integrations
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Reviewed By :Krupa Patel 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#71
Naphthalene
Concen: 1.627 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. 0.004 min
Lab File: VU051877.D
Acq: 16 Nov 2022 12:18



Tgt Ion:128 Resp: 16510
Ion Ratio Lower Upper
128 100
127 11.7 10.4 15.6
129 4.8 8.5 12.7#

