

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111722\
 Data File : VU051891.D
 Acq On : 17 Nov 2022 13:02
 Operator : JC/MD
 Sample : MDL07
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL07

Manual Integrations
 APPROVED

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

Quant Time: Nov 18 01:16:28 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	490037	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	489675	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	198006	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	103465	43.008	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.020%
7) Chloroethane-d5	1.903	69	112672	46.745	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.480%
11) 1,1-Dichloroethene-d2	2.565	63	129969	30.127	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.260%
21) 2-Butanone-d5	4.617	46	273174	99.859	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.860%
24) Chloroform-d	5.060	84	275820	45.736	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.480%
26) 1,2-Dichloroethane-d4	5.700	65	174177	47.181	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.360%
32) Benzene-d6	5.726	84	492030	48.191	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.380%
36) 1,2-Dichloropropane-d6	6.687	67	184428	48.528	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.060%
41) Toluene-d8	7.896	98	375230	44.775	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.540%
43) trans-1,3-Dichloroprop...	8.176	79	69578	45.964	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.920%
47) 2-Hexanone-d5	8.629	63	179175	92.766	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.770%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	346147	46.798	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.600%
66) 1,2-Dichlorobenzene-d4	12.192	152	182561	52.391	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.780%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	6977	2.319	ug/L	98
3) Chloromethane	1.523	50	12298	3.078	ug/L	96
5) Vinyl chloride	1.604	62	9868	2.381	ug/L #	19
6) Bromomethane	1.842	94	4501	2.507	ug/L	90
8) Chloroethane	1.929	64	5925	2.199	ug/L	97
9) Trichlorofluoromethane	2.134	101	11352	2.288	ug/L	87
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	8384	2.681	ug/L	91
12) 1,1-Dichloroethene	2.578	96	7674	2.628	ug/L #	1
13) Acetone	2.626	43	11405	3.897	ug/L	96
14) Carbon disulfide	2.793	76	18495	2.286	ug/L	97
15) Methyl Acetate	2.951	43	9372	2.349	ug/L	90
16) Methylene chloride	3.044	84	13826	2.966	ug/L	95
17) trans-1,2-Dichloroethene	3.356	96	6964	2.213	ug/L	89
18) Methyl tert-butyl Ether	3.359	73	20145	2.068	ug/L #	87
19) 1,1-Dichloroethane	3.871	63	15193	2.372	ug/L	93
20) cis-1,2-Dichloroethene	4.668	96	8669	2.360	ug/L	88
22) 2-Butanone	4.713	43	14104m	4.267	ug/L	
23) Bromochloromethane	4.980	128	4496	2.218	ug/L	92
27) 1,2-Dichloroethane	5.793	62	11523	2.333	ug/L	99

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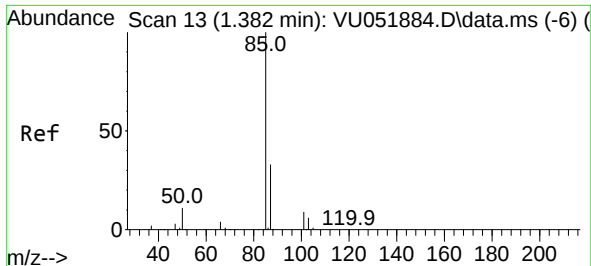
Manual Integrations
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Reviewed By :Krupa Patel 11/18/2022
 Supervised By :Mahesh Dadoda 11/18/2022

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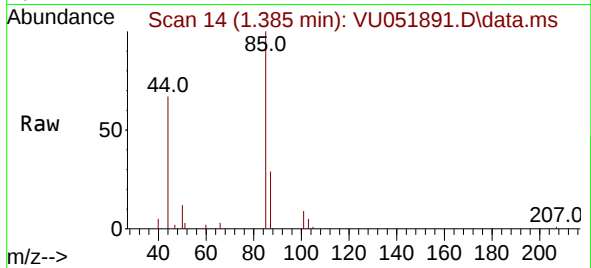
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	5.388	56	8099	1.939	ug/L	86
30) 1,1,1-Trichloroethane	5.317	97	11211	2.265	ug/L	99
31) Carbon tetrachloride	5.523	117	9276	2.241	ug/L	92
33) Benzene	5.774	78	33271	2.362	ug/L	100
35) Methylcyclohexane	6.761	83	10256	2.267	ug/L	96
37) 1,2-Dichloropropane	6.790	63	9053	2.270	ug/L #	97
38) Bromodichloromethane	7.105	83	11569	2.318	ug/L #	96
39) cis-1,3-Dichloropropene	7.607	75	11552	2.214	ug/L	97
40) 4-Methyl-2-pentanone	7.790	43	20642	3.930	ug/L	96
42) Toluene	7.967	91	32772	2.262	ug/L	98
44) trans-1,3-Dichloropropene	8.208	75	11373m	2.275	ug/L	
45) 1,1,2-Trichloroethane	8.398	97	9116	2.249	ug/L	95
46) Tetrachloroethene	8.555	164	5568	2.089	ug/L	96
49) Dibromochloromethane	8.809	129	9416	2.253	ug/L	99
50) 1,2-Dibromoethane	8.922	107	9308	2.281	ug/L #	92
51) Chlorobenzene	9.446	112	22279	2.250	ug/L	92
52) Ethylbenzene	9.568	91	29509	1.990	ug/L	100
53) m,p-Xylene	9.693	106	10879	1.896	ug/L	93
54) o-Xylene	10.099	106	10439	1.787	ug/L	99
55) Styrene	10.115	104	16394	1.627	ug/L	92
57) 1,1,2,2-Tetrachloroethane	10.777	83	17692	2.310	ug/L #	95
59) Bromoform	10.288	173	7132	2.657	ug/L	94
60) 1,2,3-Trichloropropane	10.822	75	12794	2.701	ug/L	99
61) Isopropylbenzene	10.481	105	23860	2.062	ug/L	100
62) 1,3,5-Trimethylbenzene	11.086	105	17691	1.876	ug/L	96
63) 1,2,4-Trimethylbenzene	11.465	105	16265	1.765	ug/L	97
64) 1,3-Dichlorobenzene	11.742	146	13234	2.256	ug/L	97
65) 1,4-Dichlorobenzene	11.832	146	14395	2.424	ug/L	98
67) 1,2-Dichlorobenzene	12.208	146	15924	2.553	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.996	75	3347	2.760	ug/L	95
69) 1,3,5-Trichlorobenzene	13.221	180	9055	2.327	ug/L	97
70) 1,2,4-trichlorobenzene	13.841	180	6650	2.156	ug/L	95
71) Naphthalene	14.086	128	18738m	1.847	ug/L	
72) 1,2,3-Trichlorobenzene	14.330	180	7177	2.126	ug/L	98

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



#2
Dichlorodifluoromethane
Concen: 2.319 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.003 min
Lab File: VU051891.D
Acq: 17 Nov 2022 13:02

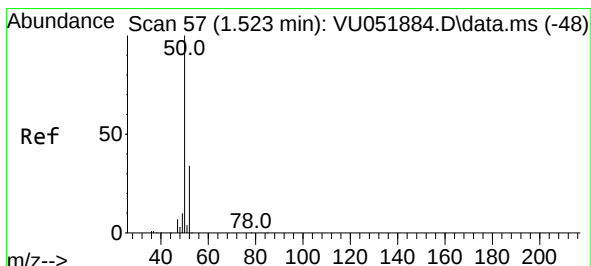
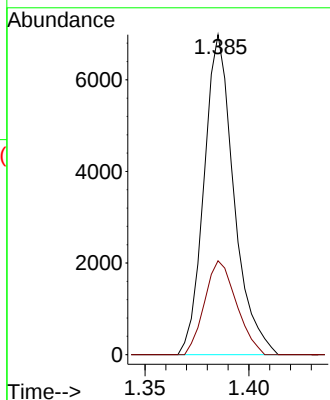
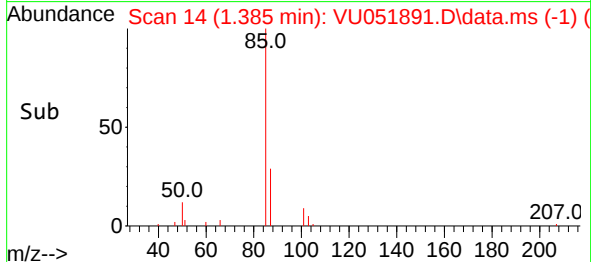
Instrument :
MSVOA_U
ClientSampleId :
MDL07



Tgt Ion: 85 Resp: 697
Ion Ratio Lower Upper
85 100
87 31.2 26.0 39.0

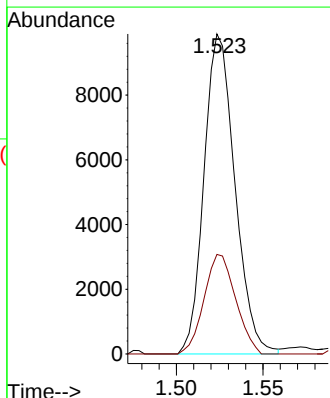
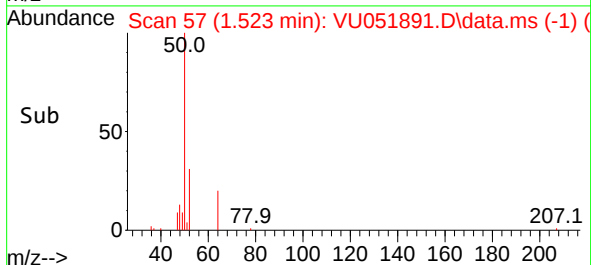
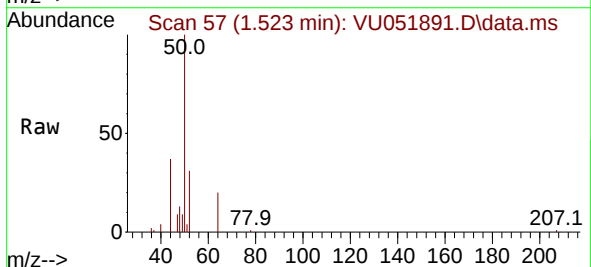
Manual Integrations
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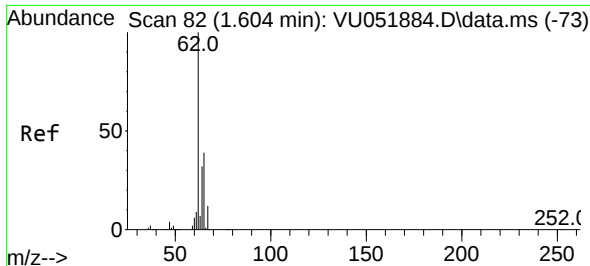
Reviewed By :Krupa Patel 11/18/2022
Supervised By :Mahesh Dadoda 11/18/2022



#3
Chloromethane
Concen: 3.078 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU051891.D
Acq: 17 Nov 2022 13:02

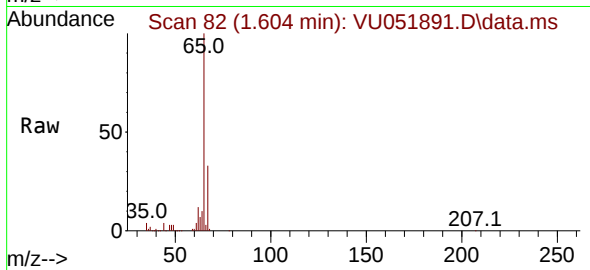
Tgt Ion: 50 Resp: 12298
Ion Ratio Lower Upper
50 100
52 31.1 23.4 43.6





#5
 Vinyl chloride
 Concen: 2.381 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU051891.D
 Acq: 17 Nov 2022 13:02

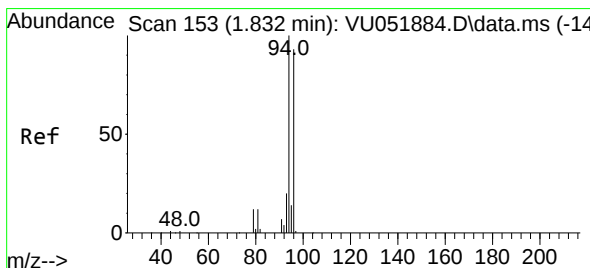
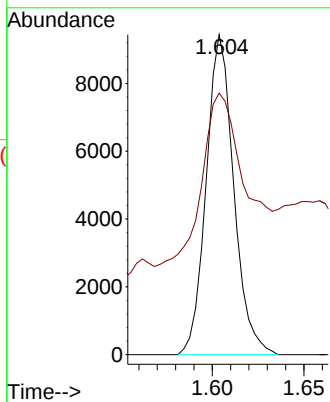
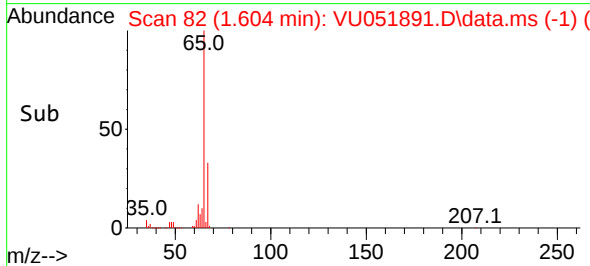
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL07



Tgt Ion: 62 Resp: 986
 Ion Ratio Lower Upper
 62 100
 64 81.7 24.3 45.1

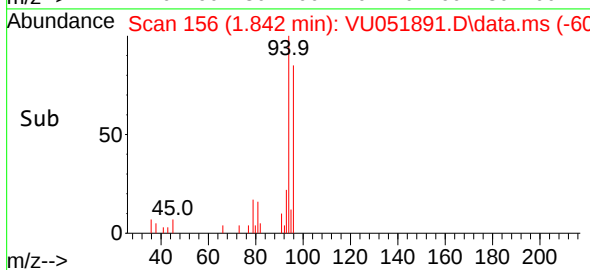
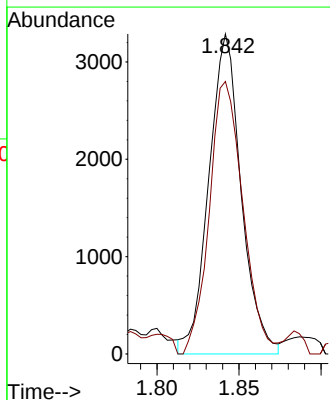
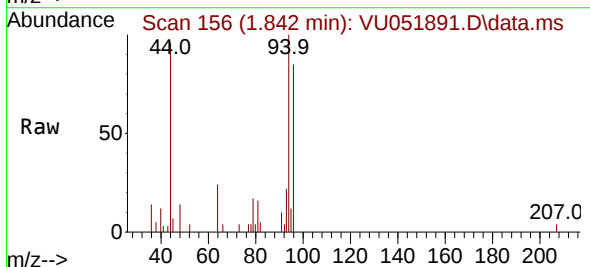
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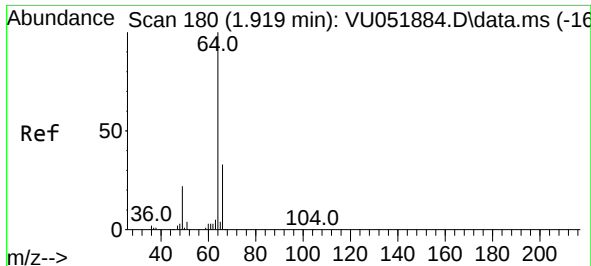
Reviewed By :Krupa Patel 11/18/2022
 Supervised By :Mahesh Dadoda 11/18/2022



#6
 Bromomethane
 Concen: 2.507 ug/L
 RT: 1.842 min Scan# 156
 Delta R.T. 0.010 min
 Lab File: VU051891.D
 Acq: 17 Nov 2022 13:02

Tgt Ion: 94 Resp: 4501
 Ion Ratio Lower Upper
 94 100
 96 85.1 66.1 122.7





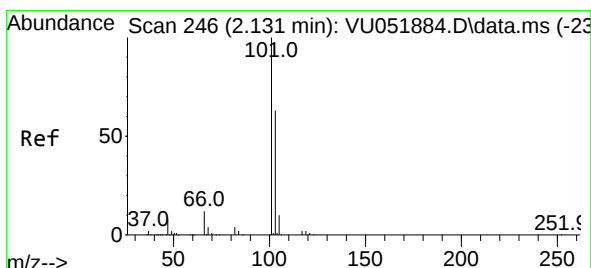
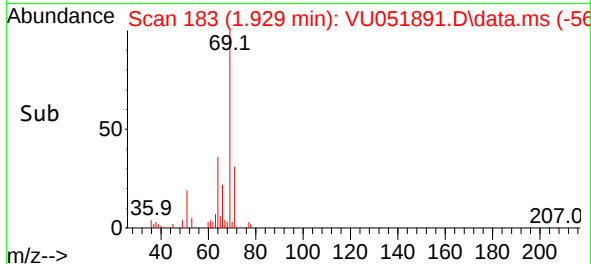
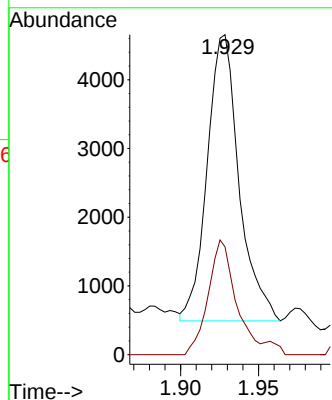
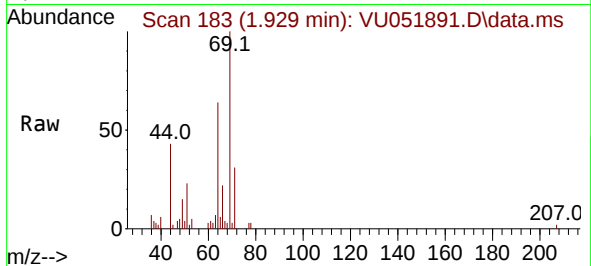
#8
Chloroethane
Concen: 2.199 ug/L
RT: 1.929 min Scan# 180
Delta R.T. 0.010 min
Lab File: VU051891.D
Acq: 17 Nov 2022 13:02

Instrument :
MSVOA_U
ClientSampleId :
MDL07

Tgt Ion: 64 Resp: 592
Ion Ratio Lower Upper
64 100
66 33.7 22.4 41.6

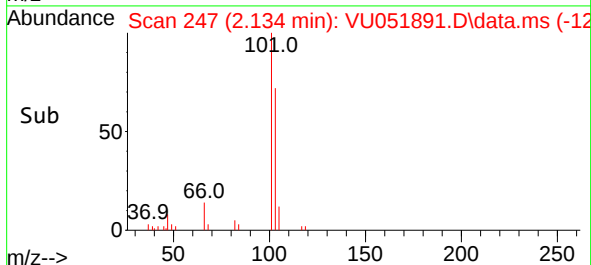
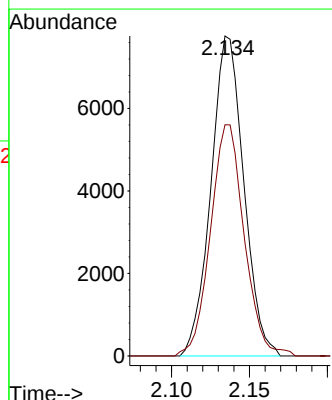
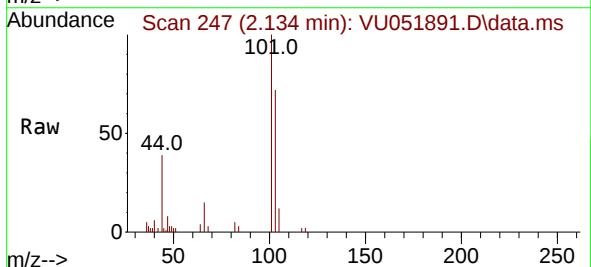
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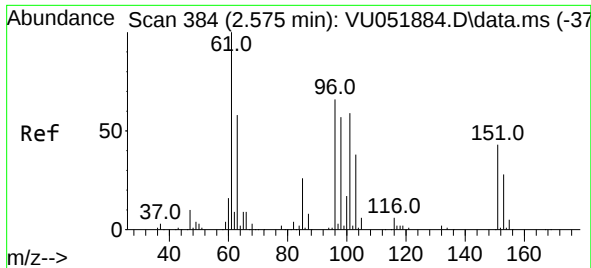
Reviewed By :Krupa Patel 11/18/2022
Supervised By :Mahesh Dadoda 11/18/2022



#9
Trichlorofluoromethane
Concen: 2.288 ug/L
RT: 2.134 min Scan# 247
Delta R.T. 0.003 min
Lab File: VU051891.D
Acq: 17 Nov 2022 13:02

Tgt Ion:101 Resp: 11352
Ion Ratio Lower Upper
101 100
103 74.1 51.4 77.2





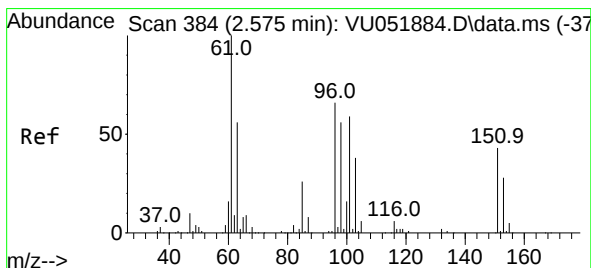
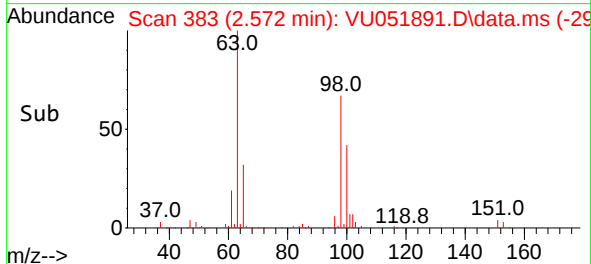
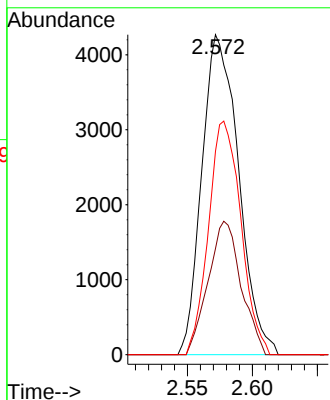
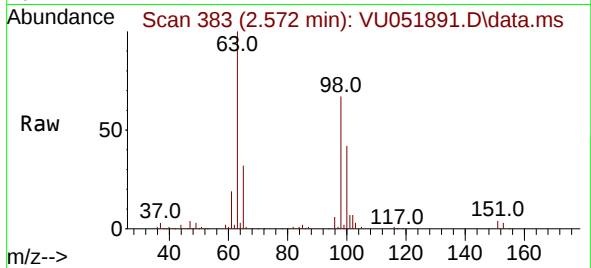
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.681 ug/L
RT: 2.572 min Scan# 384
Delta R.T. -0.003 min
Lab File: VU051891.D
Acq: 17 Nov 2022 13:02

Instrument :
MSVOA_U
ClientSampleId :
MDL07

Tgt Ion:101 Resp: 8384
Ion Ratio Lower Upper
101 100
85 37.5 34.2 51.2
151 64.5 58.3 87.5

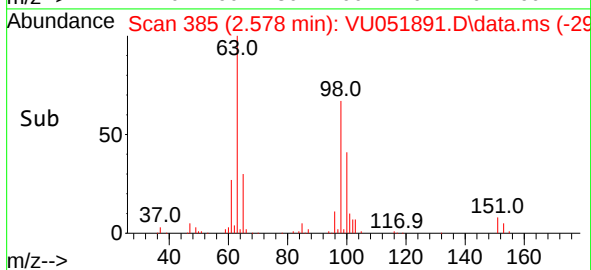
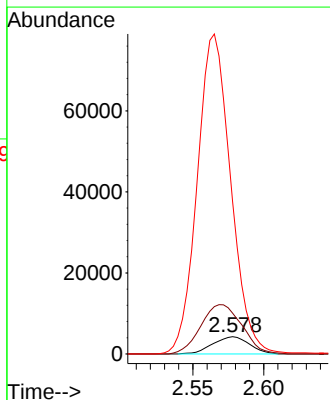
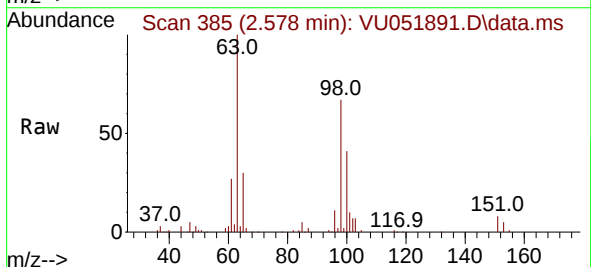
Manual Integrations
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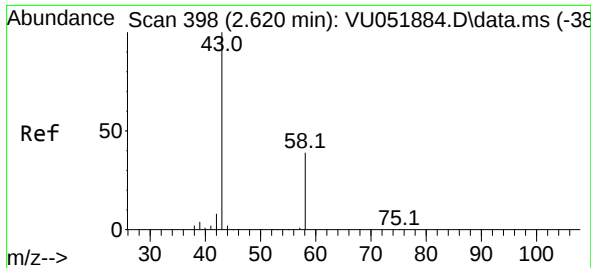
Reviewed By :Krupa Patel 11/18/2022
Supervised By :Mahesh Dadoda 11/18/2022



#12
1,1-Dichloroethene
Concen: 2.628 ug/L
RT: 2.578 min Scan# 385
Delta R.T. 0.003 min
Lab File: VU051891.D
Acq: 17 Nov 2022 13:02

Tgt Ion: 96 Resp: 7674
Ion Ratio Lower Upper
96 100
61 235.8 110.7 205.5#
63 880.4 68.6 127.4#





#13

Acetone

Concen: 3.897 ug/L

RT: 2.626 min Scan# 40

Delta R.T. 0.006 min

Lab File: VU051891.D

Acq: 17 Nov 2022 13:02

Instrument :

MSVOA_U

ClientSampleId :

MDL07

Tgt Ion: 43 Resp: 1140

Ion Ratio Lower Upper

43 100

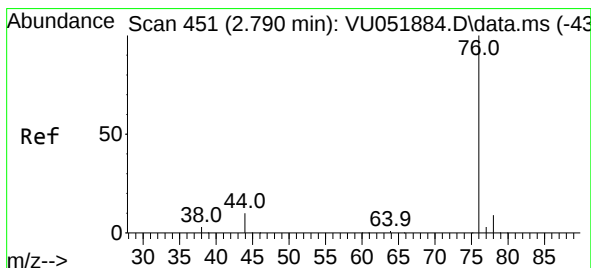
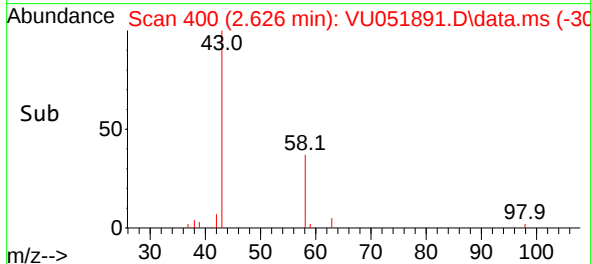
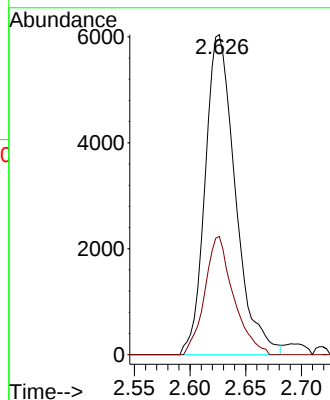
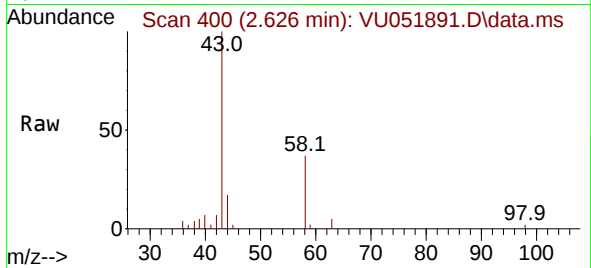
58 35.2 0.0 75.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/18/2022

Supervised By :Mahesh Dadoda 11/18/2022



#14

Carbon disulfide

Concen: 2.286 ug/L

RT: 2.793 min Scan# 452

Delta R.T. 0.003 min

Lab File: VU051891.D

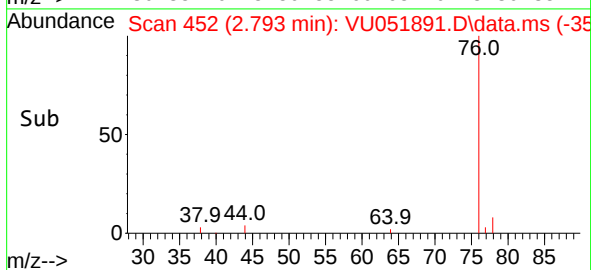
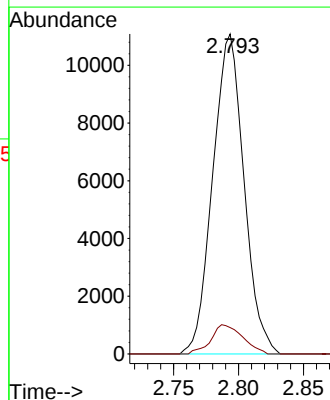
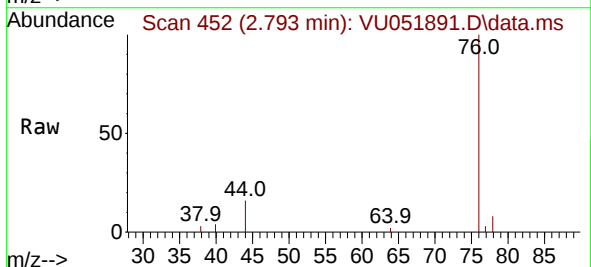
Acq: 17 Nov 2022 13:02

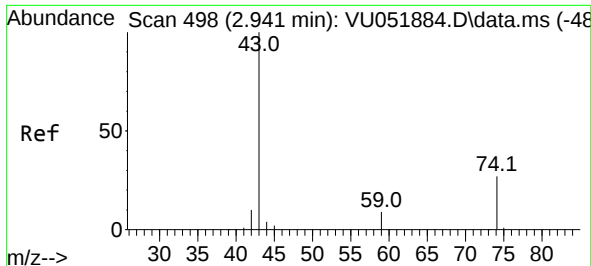
Tgt Ion: 76 Resp: 18495

Ion Ratio Lower Upper

76 100

78 8.2 7.4 11.0





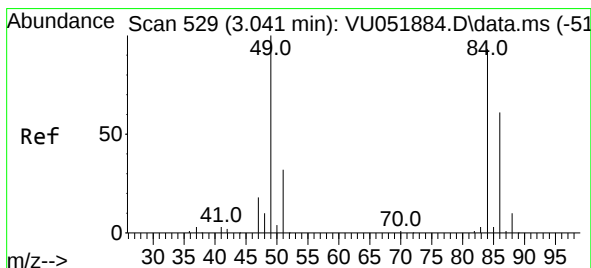
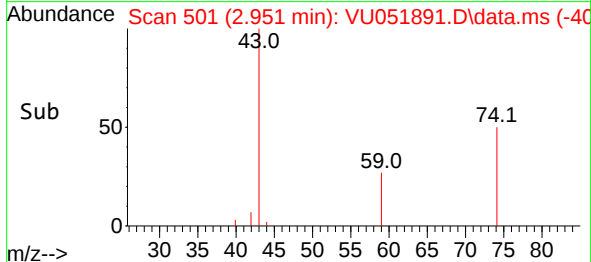
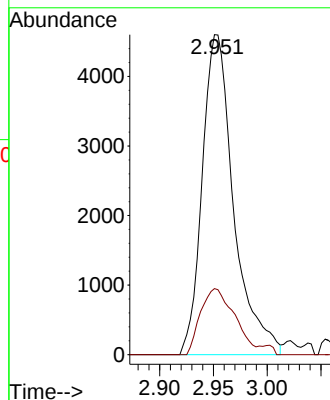
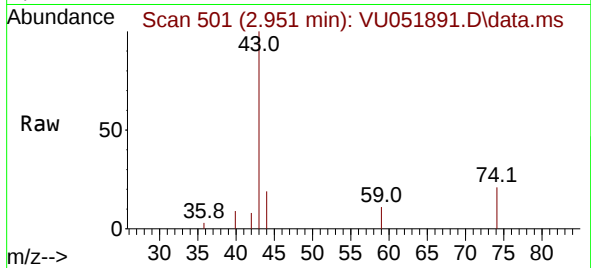
#15
Methyl Acetate
Concen: 2.349 ug/L
RT: 2.951 min Scan# 501
Delta R.T. 0.010 min
Lab File: VU051891.D
Acq: 17 Nov 2022 13:02

Instrument :
MSVOA_U
ClientSampleId :
MDL07

Tgt Ion: 43 Resp: 9372
Ion Ratio Lower Upper
43 100
74 22.3 21.8 32.8

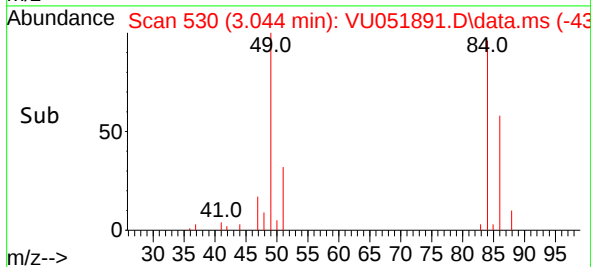
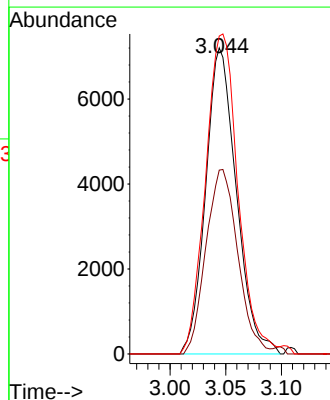
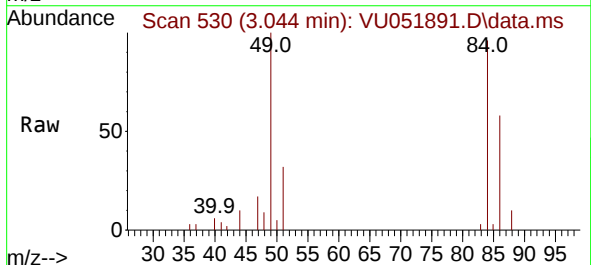
Manual Integrations
APPROVED

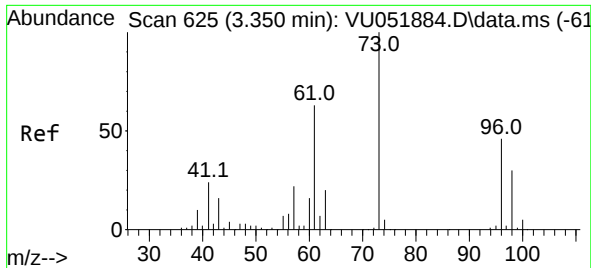
Reviewed By :Krupa Patel 11/18/2022
Supervised By :Mahesh Dadoda 11/18/2022



#16
Methylene chloride
Concen: 2.966 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.003 min
Lab File: VU051891.D
Acq: 17 Nov 2022 13:02

Tgt Ion: 84 Resp: 13826
Ion Ratio Lower Upper
84 100
86 60.1 44.7 82.9
49 103.9 76.5 142.1





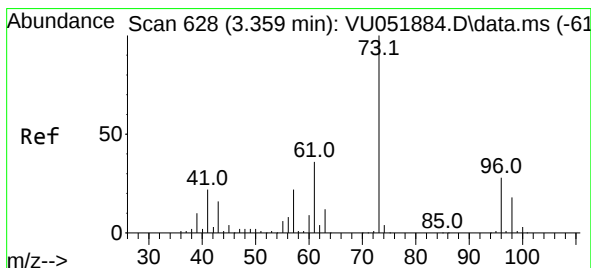
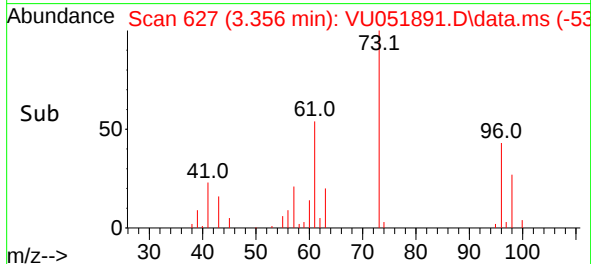
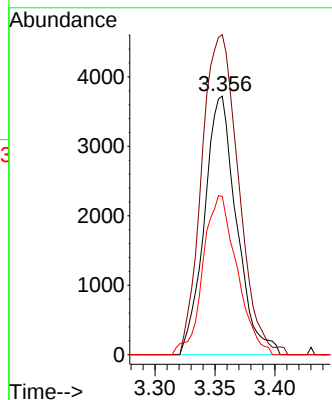
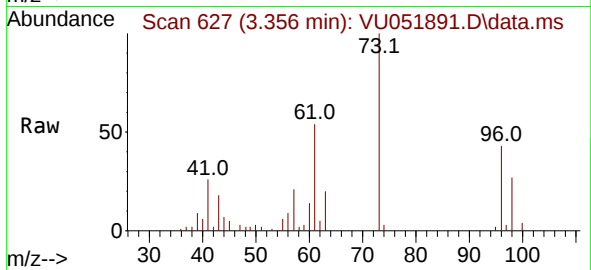
#17
trans-1,2-Dichloroethene
Concen: 2.213 ug/L
RT: 3.356 min Scan# 61
Delta R.T. 0.006 min
Lab File: VU051891.D
Acq: 17 Nov 2022 13:02

Instrument :
MSVOA_U
ClientSampleId :
MDL07

Tgt Ion: 96 Resp: 6964
Ion Ratio Lower Upper
96 100
61 123.7 98.3 182.7
98 61.2 45.5 84.5

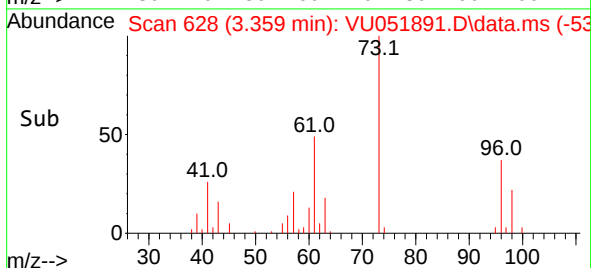
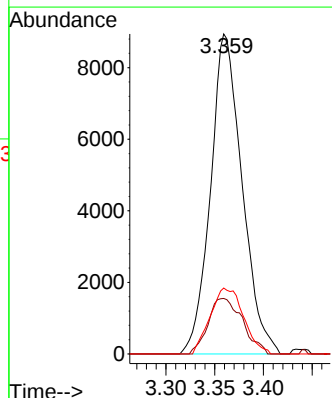
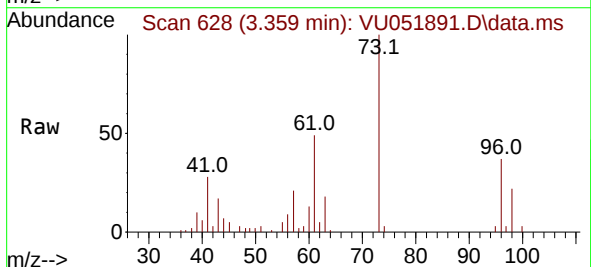
Manual Integrations
APPROVED

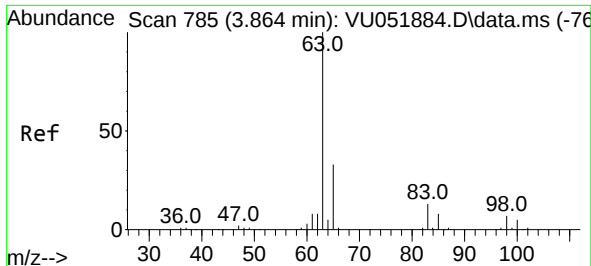
Reviewed By :Krupa Patel 11/18/2022
Supervised By :Mahesh Dadoda 11/18/2022



#18
Methyl tert-butyl Ether
Concen: 2.068 ug/L
RT: 3.359 min Scan# 628
Delta R.T. -0.000 min
Lab File: VU051891.D
Acq: 17 Nov 2022 13:02

Tgt Ion: 73 Resp: 20145
Ion Ratio Lower Upper
73 100
43 19.0 13.4 20.0
57 13.2 17.7 26.5





#19

1,1-Dichloroethane

Concen: 2.372 ug/L

RT: 3.871 min Scan# 785

Delta R.T. 0.006 min

Lab File: VU051891.D

Acq: 17 Nov 2022 13:02

Instrument :

MSVOA_U

ClientSampleId :

MDL07

Tgt Ion: 63 Resp: 1519

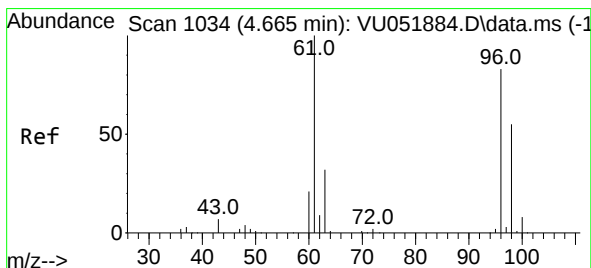
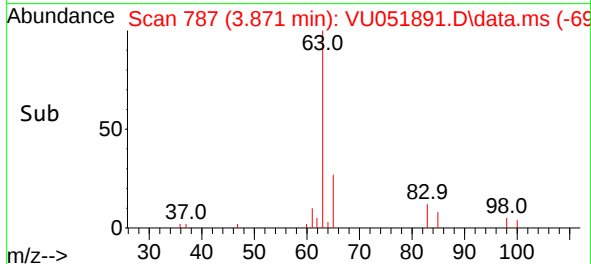
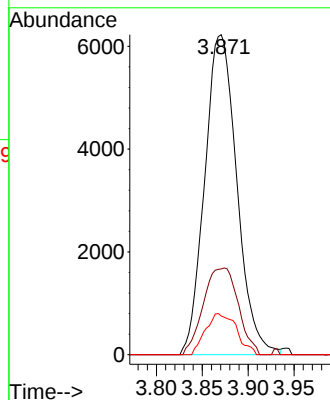
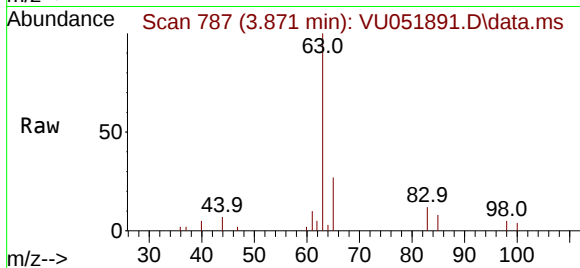
Ion	Ratio	Lower	Upper
63	100		
65	26.8	22.2	41.2
83	12.1	9.6	17.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/18/2022

Supervised By :Mahesh Dadoda 11/18/2022



#20

cis-1,2-Dichloroethene

Concen: 2.360 ug/L

RT: 4.668 min Scan# 1035

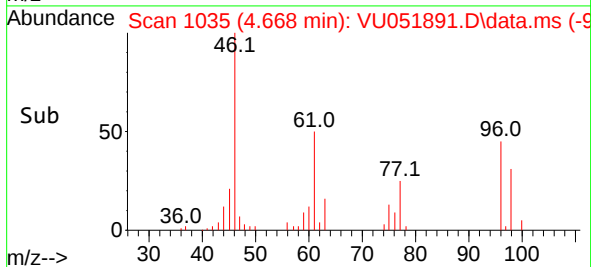
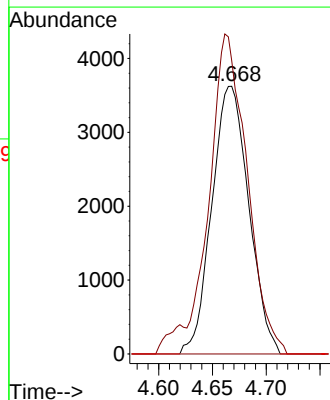
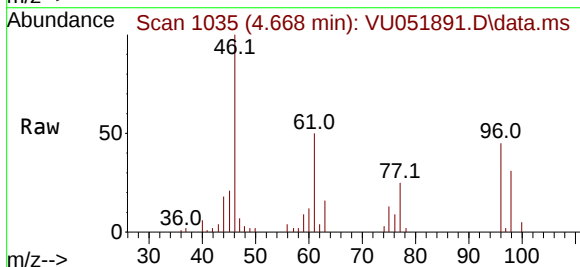
Delta R.T. 0.003 min

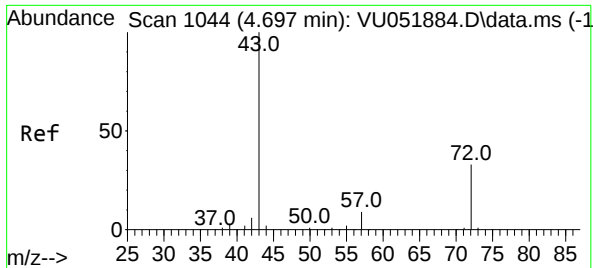
Lab File: VU051891.D

Acq: 17 Nov 2022 13:02

Tgt Ion: 96 Resp: 8669

Ion	Ratio	Lower	Upper
96	100		
61	109.5	86.0	159.8
68	0.0	0.0	0.0





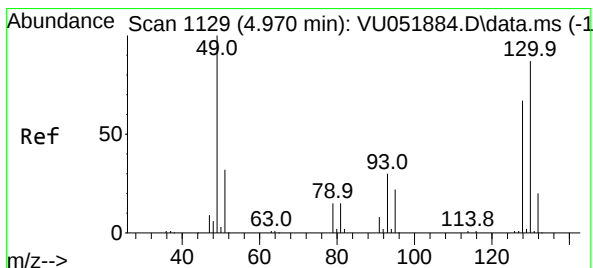
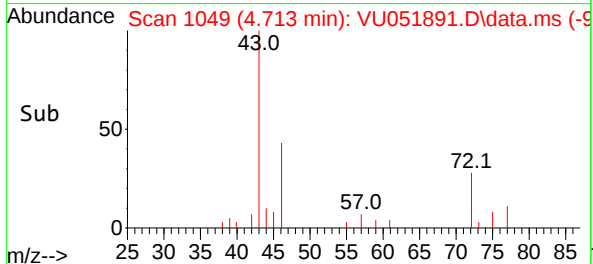
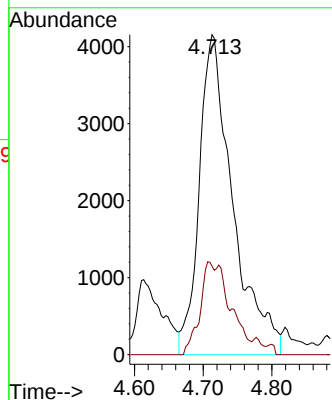
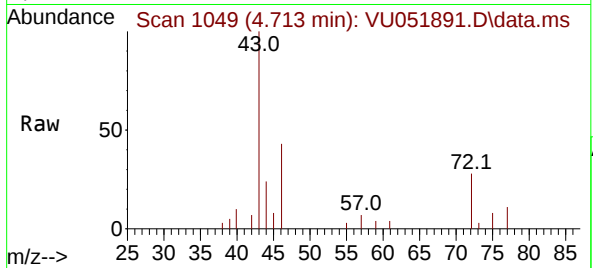
#22
2-Butanone
Concen: 4.267 ug/L m
RT: 4.713 min Scan# 1104
Delta R.T. 0.016 min
Lab File: VU051891.D
Acq: 17 Nov 2022 13:02

Instrument :
MSVOA_U
ClientSampleId :
MDL07

Tgt Ion: 43 Resp: 14104
Ion Ratio Lower Upper
43 100
72 12.4 15.7 47.1

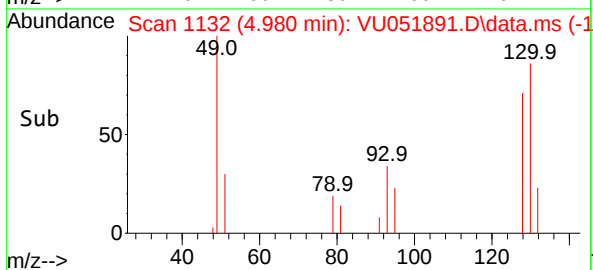
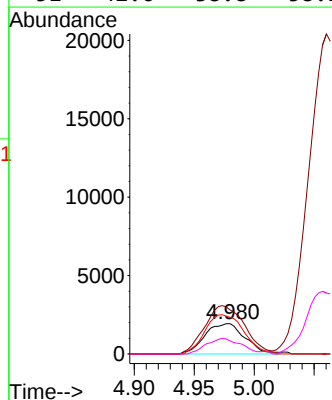
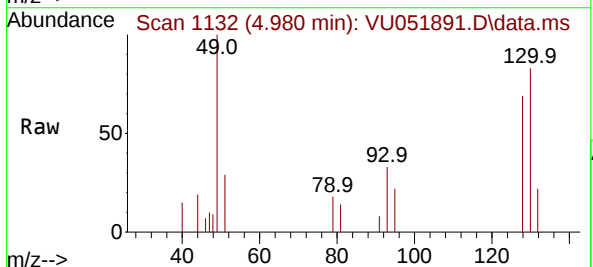
Manual Integrations
APPROVED

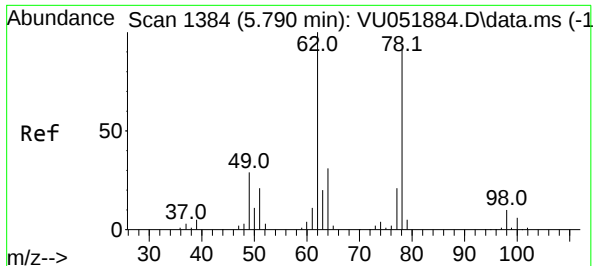
Reviewed By :Krupa Patel 11/18/2022
Supervised By :Mahesh Dadoda 11/18/2022



#23
Bromochloromethane
Concen: 2.218 ug/L
RT: 4.980 min Scan# 1132
Delta R.T. 0.010 min
Lab File: VU051891.D
Acq: 17 Nov 2022 13:02

Tgt Ion:128 Resp: 4496
Ion Ratio Lower Upper
128 100
49 145.3 107.2 199.0
130 120.7 92.5 171.7
51 42.6 38.8 58.2





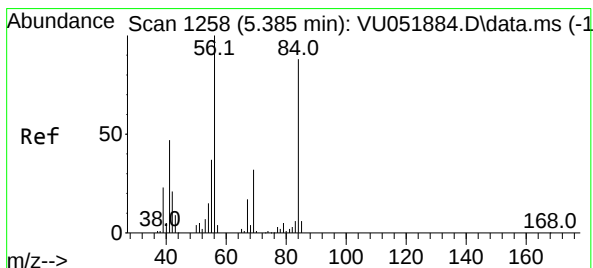
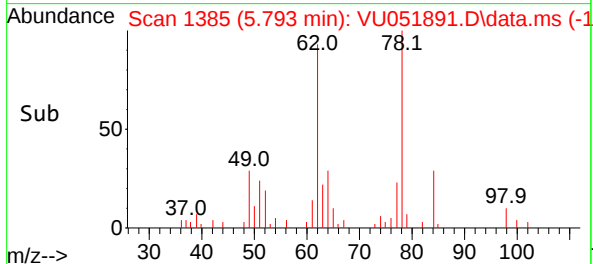
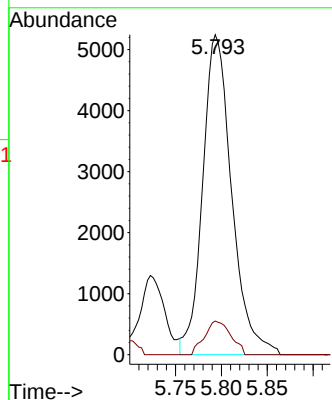
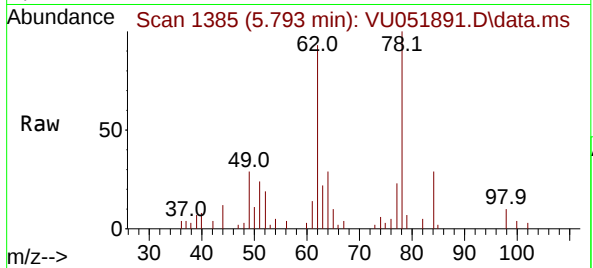
#27
1,2-Dichloroethane
Concen: 2.333 ug/L
RT: 5.793 min Scan# 1152
Delta R.T. 0.003 min
Lab File: VU051891.D
Acq: 17 Nov 2022 13:02

Instrument :
MSVOA_U
ClientSampleId :
MDL07

Tgt Ion: 62 Resp: 1152
Ion Ratio Lower Upper
62 100
98 10.5 8.1 12.1

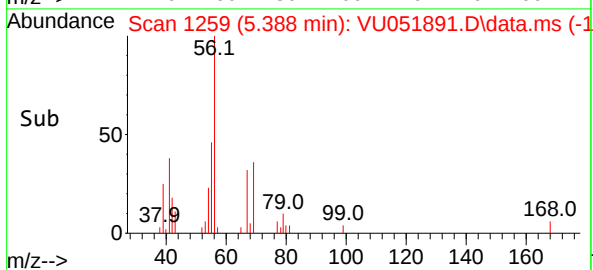
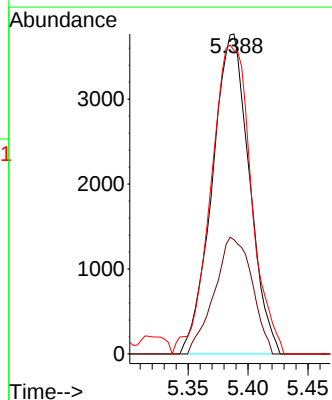
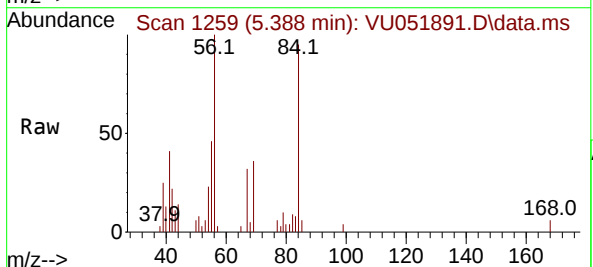
Manual Integrations
APPROVED

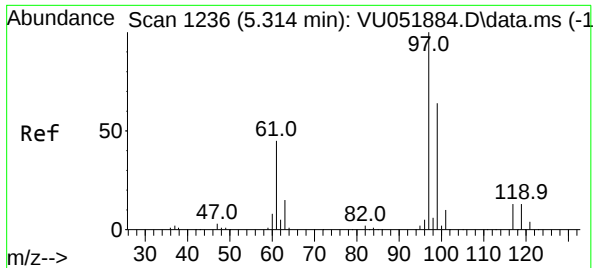
Reviewed By :Krupa Patel 11/18/2022
Supervised By :Mahesh Dadoda 11/18/2022



#29
Cyclohexane
Concen: 1.939 ug/L
RT: 5.388 min Scan# 1259
Delta R.T. 0.003 min
Lab File: VU051891.D
Acq: 17 Nov 2022 13:02

Tgt Ion: 56 Resp: 8099
Ion Ratio Lower Upper
56 100
69 37.1 25.4 38.2
84 103.6 71.4 107.0





#30

1,1,1-Trichloroethane

Concen: 2.265 ug/L

RT: 5.317 min Scan# 1121

Delta R.T. 0.003 min

Lab File: VU051891.D

Acq: 17 Nov 2022 13:02

Instrument :

MSVOA_U

ClientSampleId :

MDL07

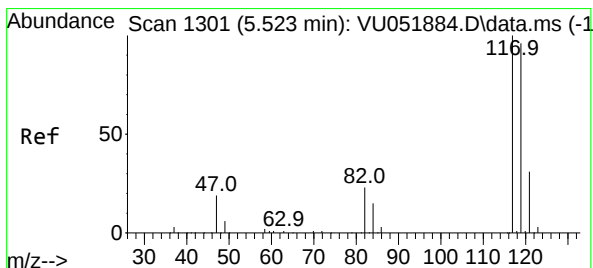
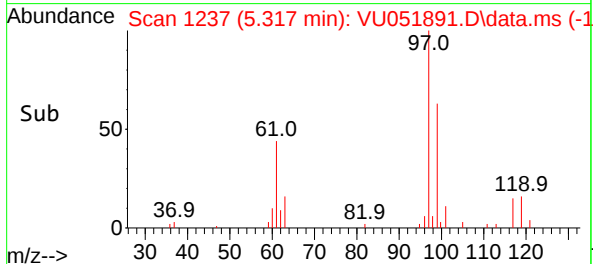
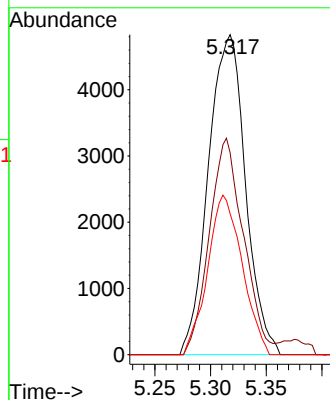
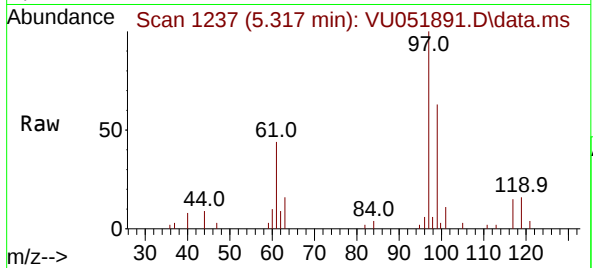
Tgt Ion:	97	Resp:	1121
Ion Ratio	Lower	Upper	
97	100		
99	62.4	51.2	76.8
61	46.4	37.4	56.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/18/2022

Supervised By :Mahesh Dadoda 11/18/2022



#31

Carbon tetrachloride

Concen: 2.241 ug/L

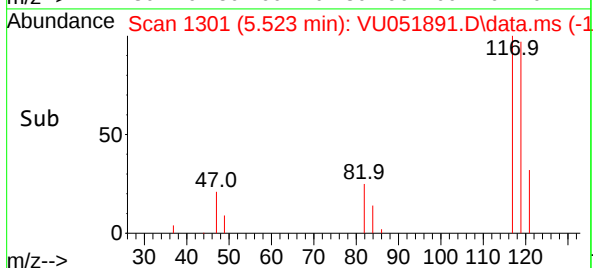
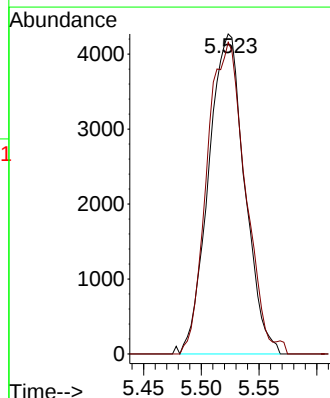
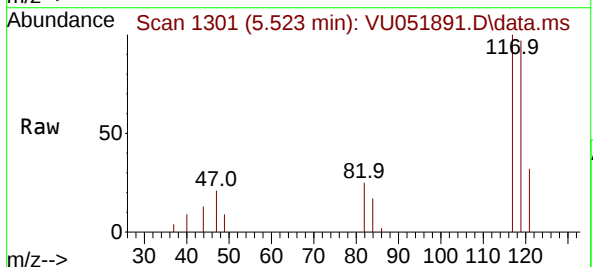
RT: 5.523 min Scan# 1301

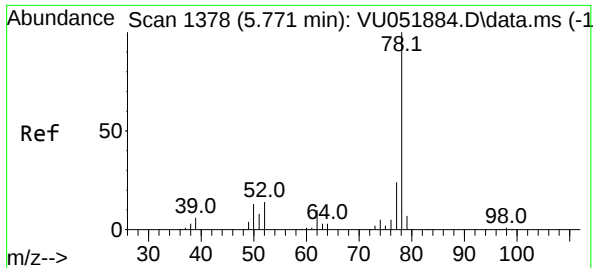
Delta R.T. -0.000 min

Lab File: VU051891.D

Acq: 17 Nov 2022 13:02

Tgt Ion:	117	Resp:	9276
Ion Ratio	Lower	Upper	
117	100		
119	102.5	75.6	113.4





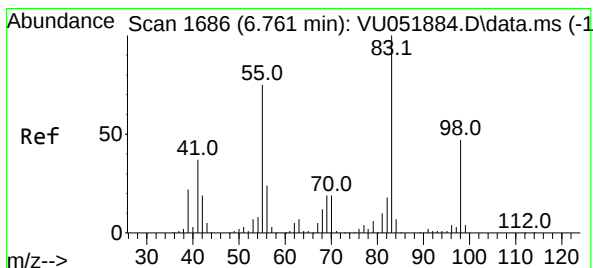
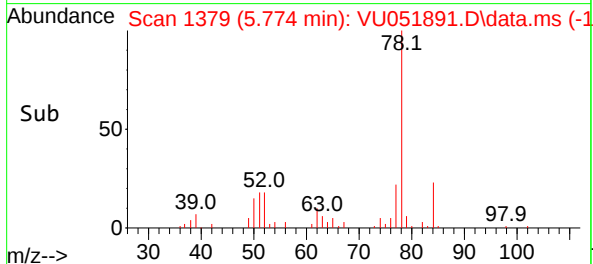
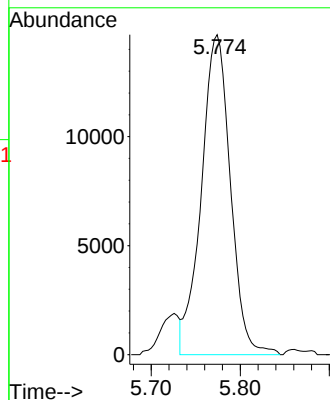
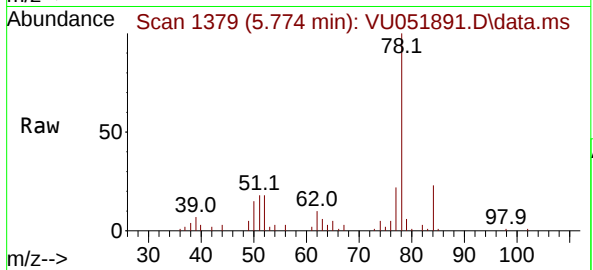
#33
Benzene
Concen: 2.362 ug/L
RT: 5.774 min Scan# 1378
Delta R.T. 0.003 min
Lab File: VU051891.D
Acq: 17 Nov 2022 13:02

Instrument :
MSVOA_U
ClientSampleId :
MDL07

Tgt Ion: 78 Resp: 3327

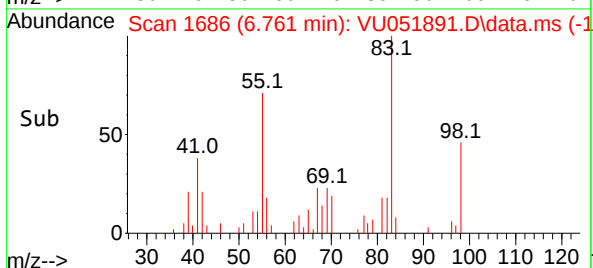
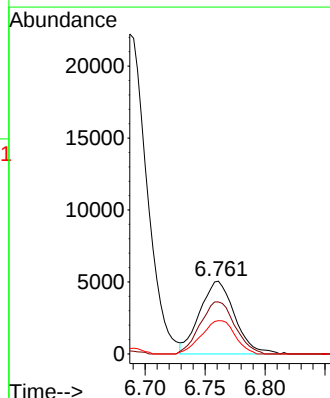
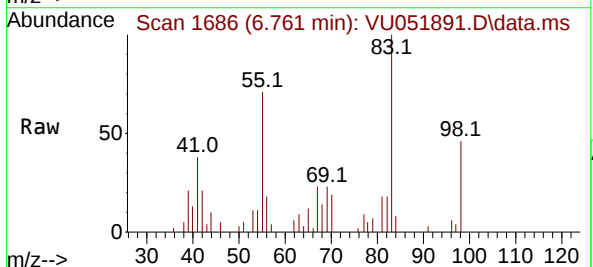
Manual Integrations
APPROVED

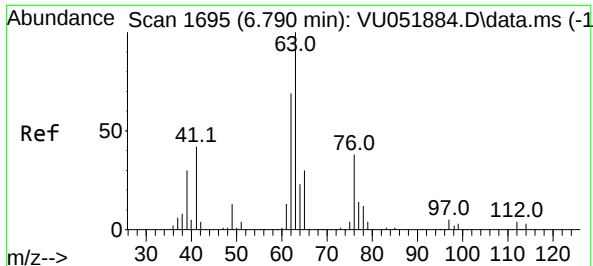
Reviewed By :Krupa Patel 11/18/2022
Supervised By :Mahesh Dadoda 11/18/2022



#35
Methylcyclohexane
Concen: 2.267 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VU051891.D
Acq: 17 Nov 2022 13:02

Tgt Ion: 83 Resp: 10256
Ion Ratio Lower Upper
83 100
55 70.8 60.0 90.0
98 43.9 35.8 53.8





#37

1,2-Dichloropropane

Concen: 2.270 ug/L

RT: 6.790 min Scan# 1695

Delta R.T. -0.000 min

Lab File: VU051891.D

Acq: 17 Nov 2022 13:02

Instrument :

MSVOA_U

ClientSampleId :

MDL07

Tgt Ion: 63 Resp: 905

Ion Ratio Lower Upper

63 100

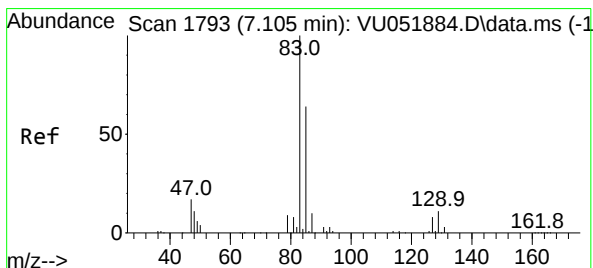
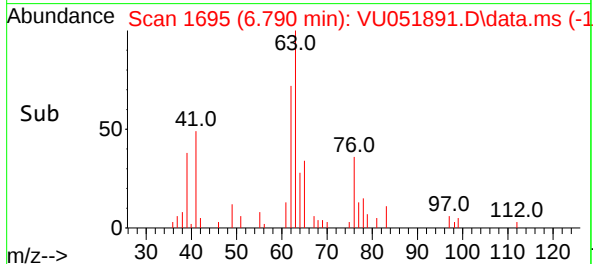
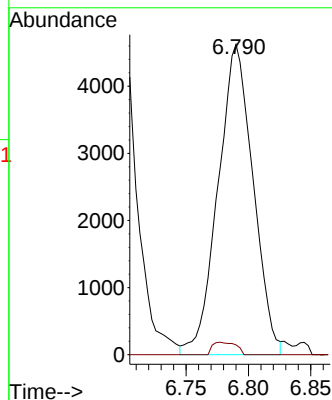
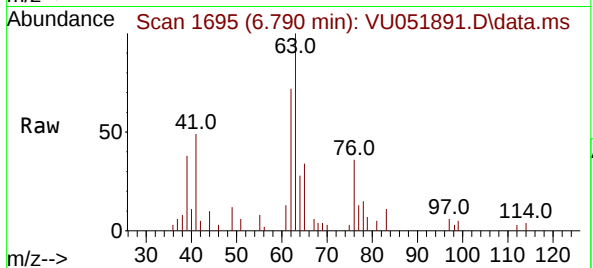
112 2.7 3.0 4.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/18/2022

Supervised By :Mahesh Dadoda 11/18/2022



#38

Bromodichloromethane

Concen: 2.318 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VU051891.D

Acq: 17 Nov 2022 13:02

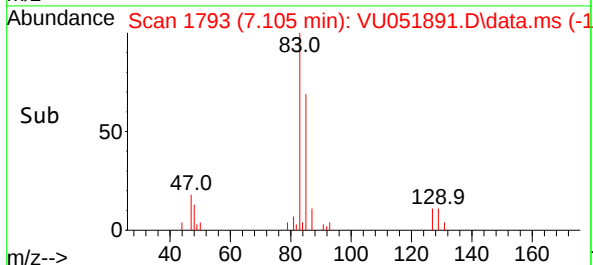
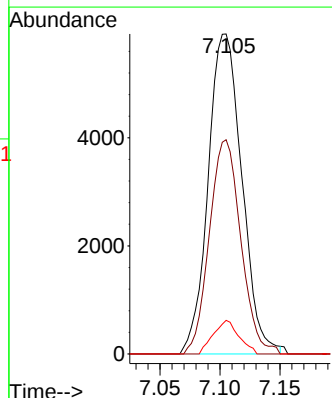
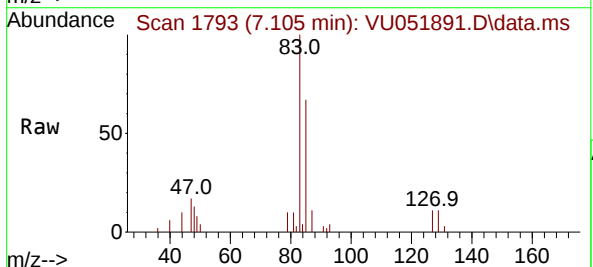
Tgt Ion: 83 Resp: 11569

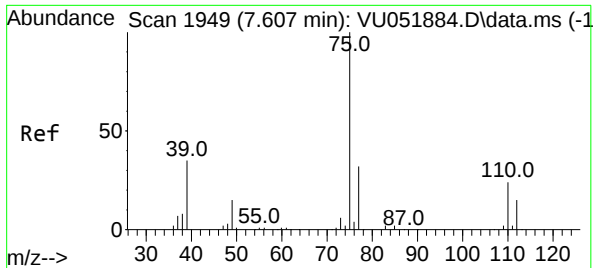
Ion Ratio Lower Upper

83 100

85 67.0 44.6 82.8

127 10.5 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 2.214 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VU051891.D

Acq: 17 Nov 2022 13:02

Instrument :

MSVOA_U

ClientSampleId :

MDL07

Tgt Ion: 75 Resp: 11552

Ion Ratio Lower Upper

75 100

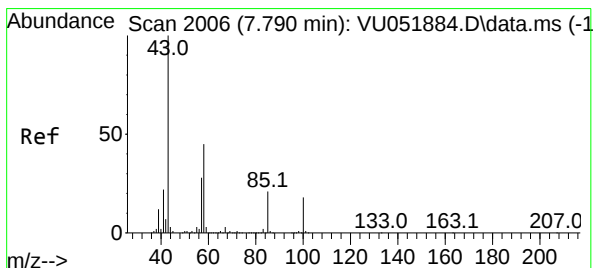
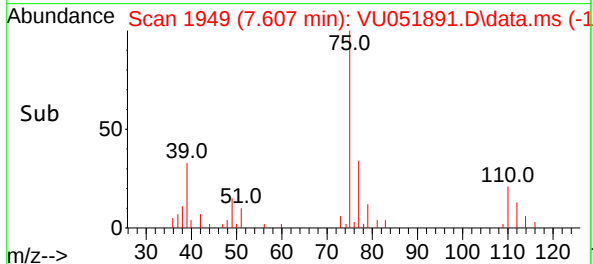
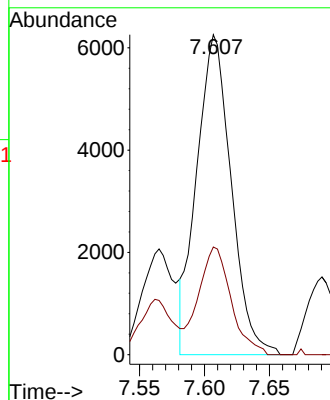
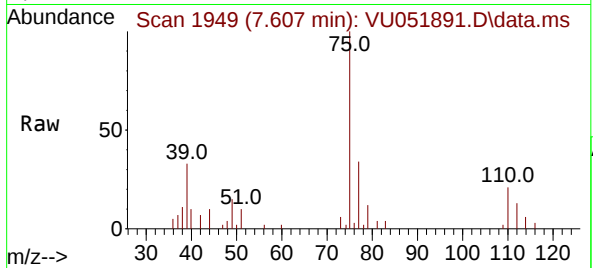
77 33.7 22.5 41.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/18/2022

Supervised By :Mahesh Dadoda 11/18/2022



#40

4-Methyl-2-pentanone

Concen: 3.930 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. -0.000 min

Lab File: VU051891.D

Acq: 17 Nov 2022 13:02

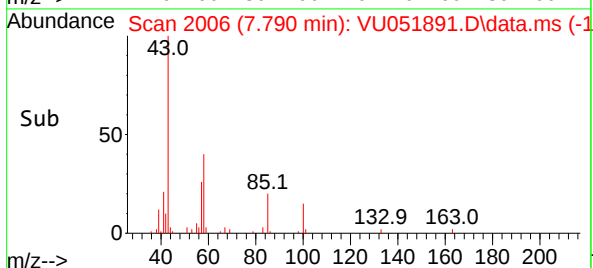
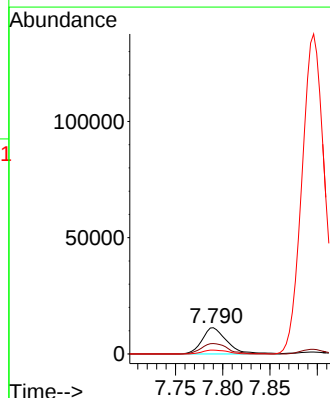
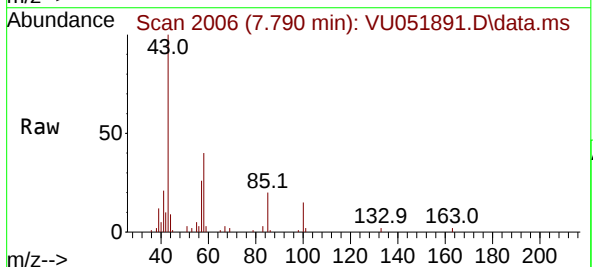
Tgt Ion: 43 Resp: 20642

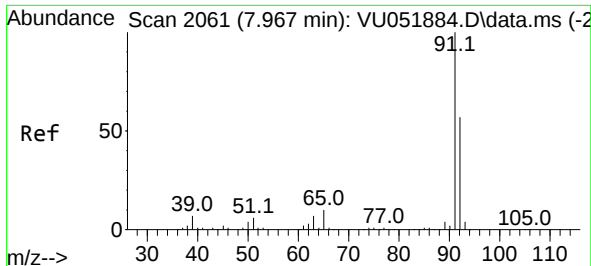
Ion Ratio Lower Upper

43 100

58 42.2 35.4 53.2

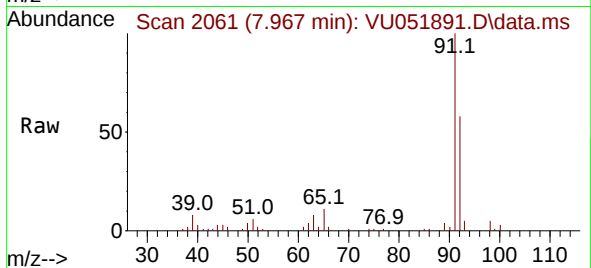
100 14.8 13.4 20.0





#42
Toluene
Concen: 2.262 ug/L
RT: 7.967 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VU051891.D
Acq: 17 Nov 2022 13:02

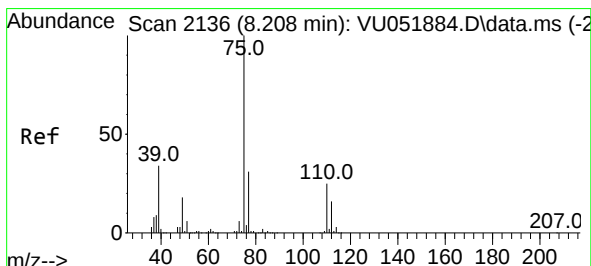
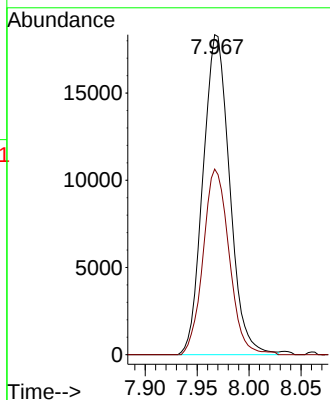
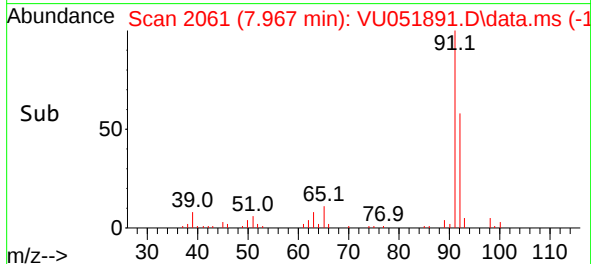
Instrument :
MSVOA_U
ClientSampleId :
MDL07



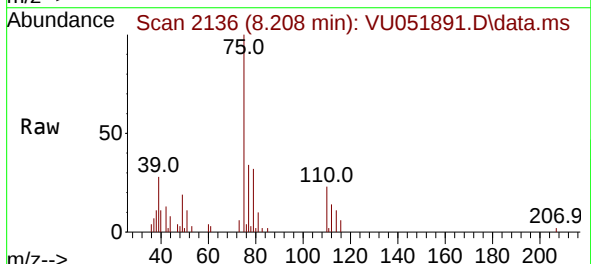
Tgt Ion: 91 Resp: 32772
Ion Ratio Lower Upper
91 100
92 58.0 39.5 73.4

Manual Integrations
APPROVED

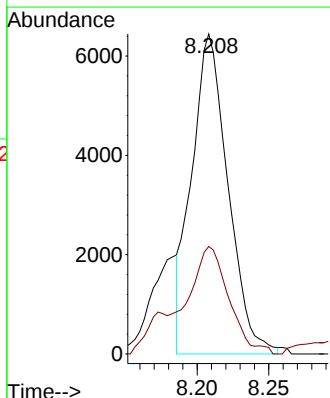
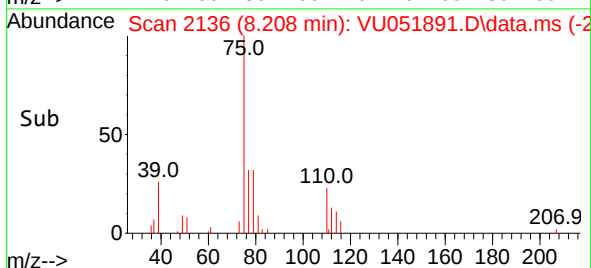
Reviewed By :Krupa Patel 11/18/2022
Supervised By :Mahesh Dadoda 11/18/2022

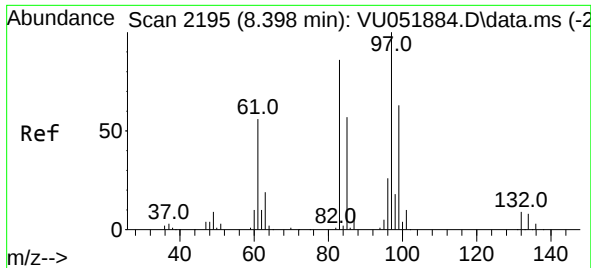


#44
trans-1,3-Dichloropropene
Concen: 2.275 ug/L m
RT: 8.208 min Scan# 2136
Delta R.T. -0.000 min
Lab File: VU051891.D
Acq: 17 Nov 2022 13:02



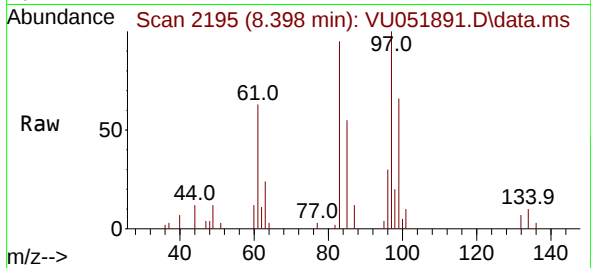
Tgt Ion: 75 Resp: 11373
Ion Ratio Lower Upper
75 100
77 33.6 21.8 40.6





#45
1,1,2-Trichloroethane
Concen: 2.249 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. -0.000 min
Lab File: VU051891.D
Acq: 17 Nov 2022 13:02

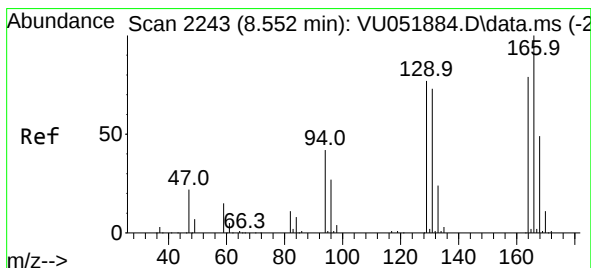
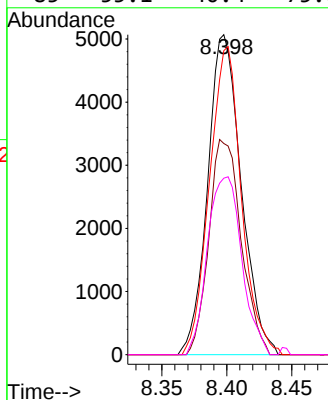
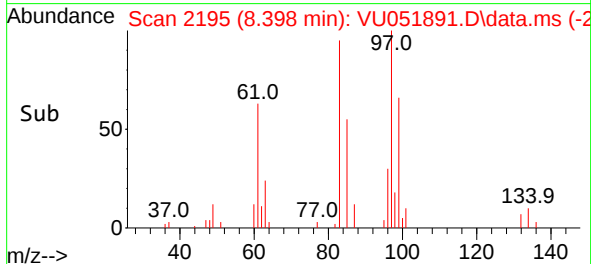
Instrument : MSVOA_U
ClientSampleId : MDL07



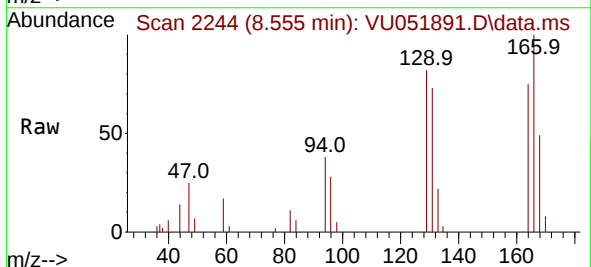
Tgt Ion:	97	Resp:	911
Ion	Ratio	Lower	Upper
97	100		
99	66.0	44.3	82.3
83	95.0	62.3	115.7
85	55.1	40.4	75.0

Manual Integrations
APPROVED

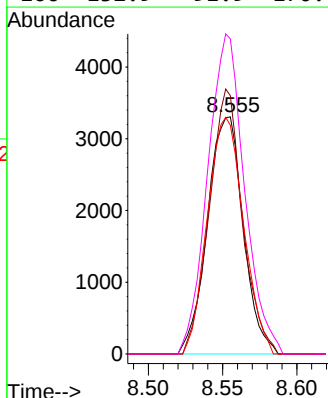
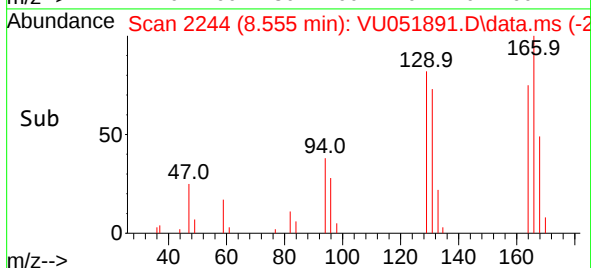
Reviewed By :Krupa Patel 11/18/2022
Supervised By :Mahesh Dadoda 11/18/2022

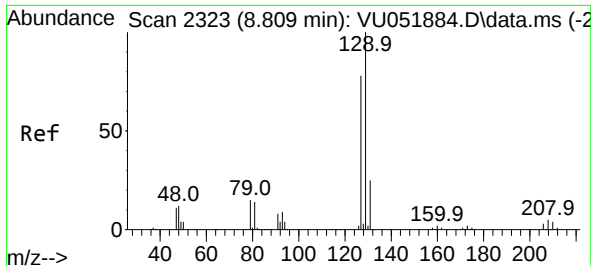


#46
Tetrachloroethene
Concen: 2.089 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.003 min
Lab File: VU051891.D
Acq: 17 Nov 2022 13:02



Tgt Ion:	164	Resp:	5568
Ion	Ratio	Lower	Upper
164	100		
129	108.9	68.5	127.1
131	96.5	66.6	123.8
166	132.9	91.9	170.7





#49

Dibromochloromethane

Concen: 2.253 ug/L

RT: 8.809 min Scan# 2323

Delta R.T. -0.000 min

Lab File: VU051891.D

Acq: 17 Nov 2022 13:02

Instrument :

MSVOA_U

ClientSampleId :

MDL07

Tgt Ion:129 Resp: 9410

Ion Ratio Lower Upper

129 100

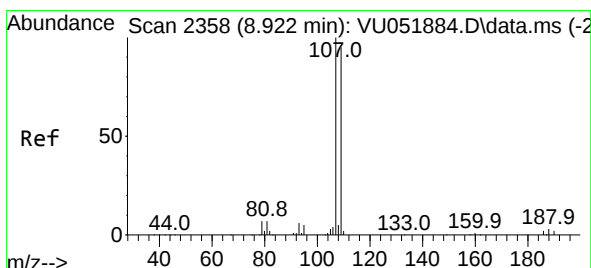
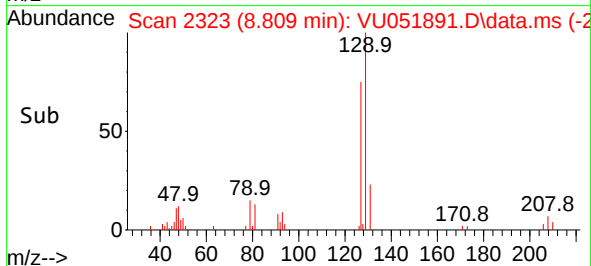
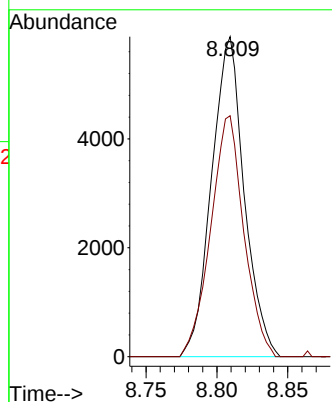
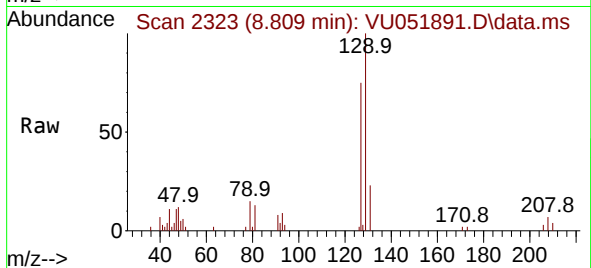
127 78.4 54.4 101.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/18/2022

Supervised By :Mahesh Dadoda 11/18/2022



#50

1,2-Dibromoethane

Concen: 2.281 ug/L

RT: 8.922 min Scan# 2358

Delta R.T. -0.000 min

Lab File: VU051891.D

Acq: 17 Nov 2022 13:02

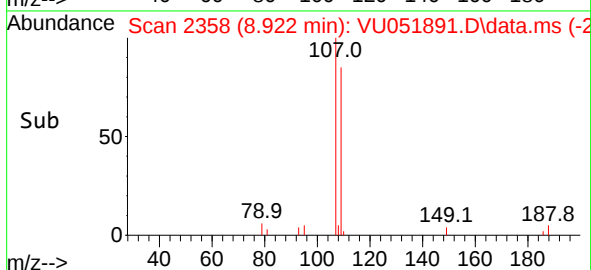
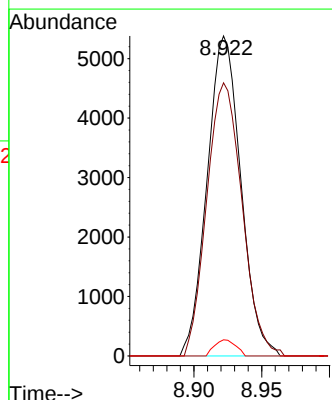
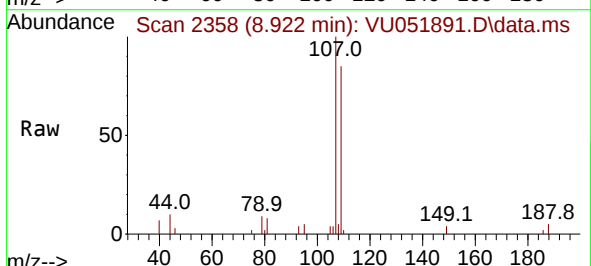
Tgt Ion:107 Resp: 9308

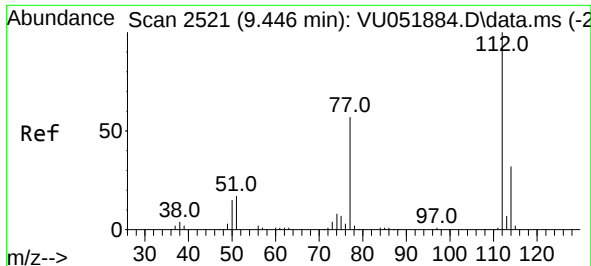
Ion Ratio Lower Upper

107 100

109 85.4 65.0 120.6

188 5.1 2.9 4.3#





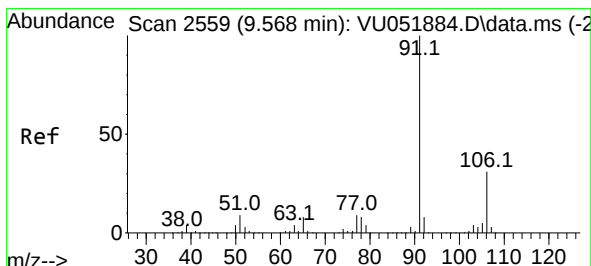
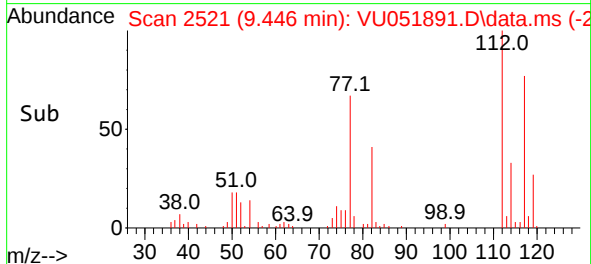
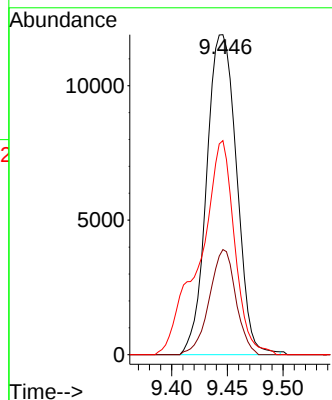
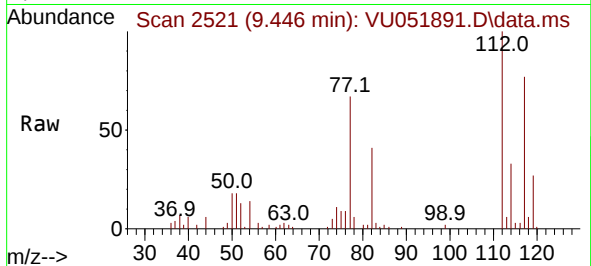
#51
Chlorobenzene
Concen: 2.250 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.000 min
Lab File: VU051891.D
Acq: 17 Nov 2022 13:02

Instrument :
MSVOA_U
ClientSampleId :
MDL07

Tgt Ion:112 Resp: 22279
Ion Ratio Lower Upper
112 100
114 32.9 22.2 41.2
77 66.9 46.7 70.1

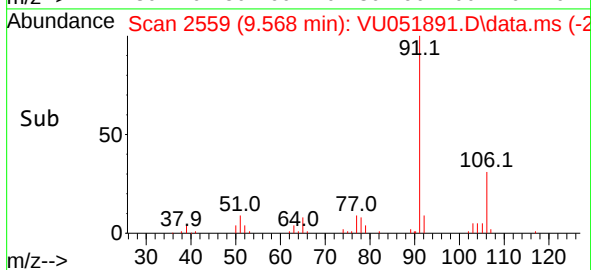
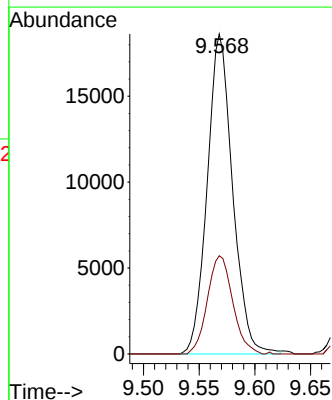
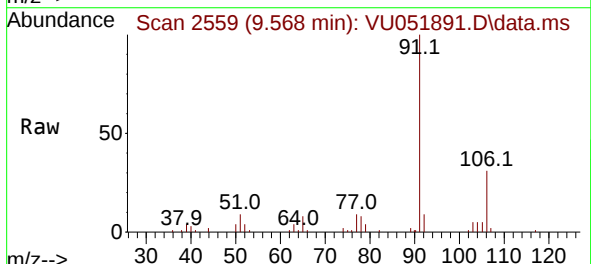
Manual Integrations
APPROVED

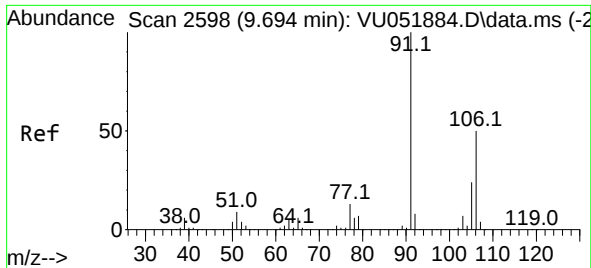
Reviewed By :Krupa Patel 11/18/2022
Supervised By :Mahesh Dadoda 11/18/2022



#52
Ethylbenzene
Concen: 1.990 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. -0.000 min
Lab File: VU051891.D
Acq: 17 Nov 2022 13:02

Tgt Ion: 91 Resp: 29509
Ion Ratio Lower Upper
91 100
106 30.7 21.3 39.6





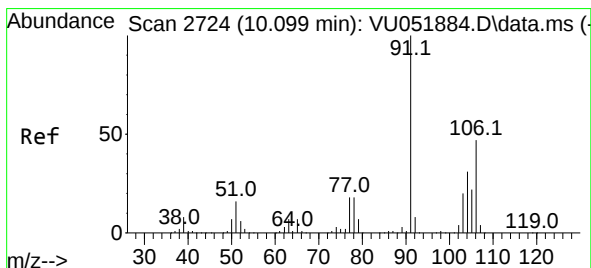
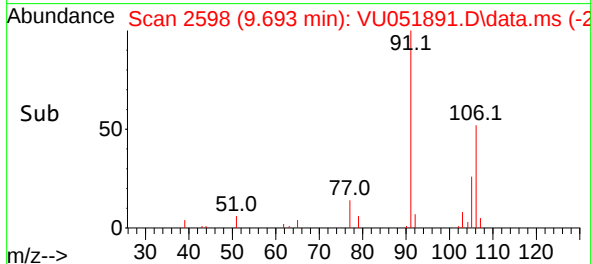
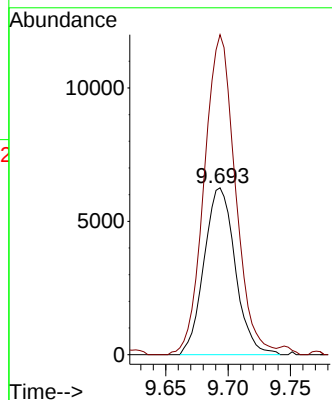
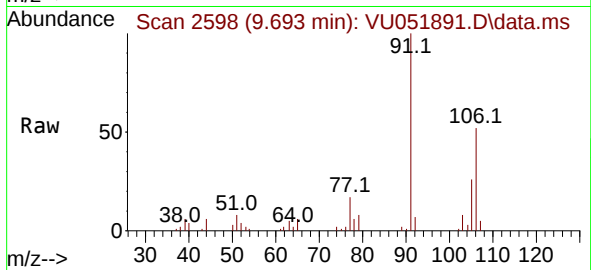
#53
m,p-Xylene
Concen: 1.896 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU051891.D
Acq: 17 Nov 2022 13:02

Instrument :
MSVOA_U
ClientSampleId :
MDL07

Tgt Ion:106 Resp: 10879
Ion Ratio Lower Upper
106 100
91 191.8 141.7 263.3

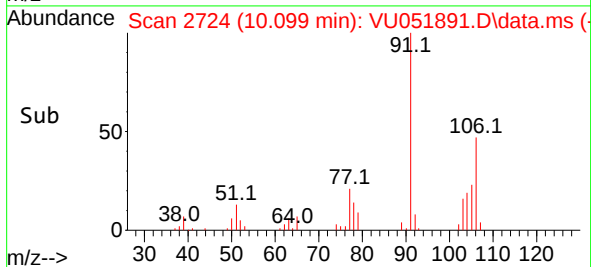
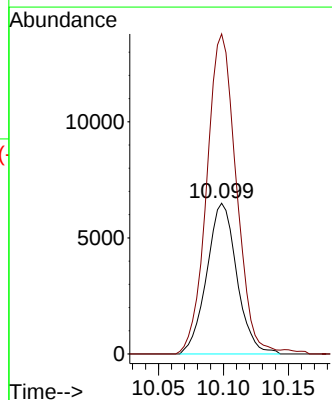
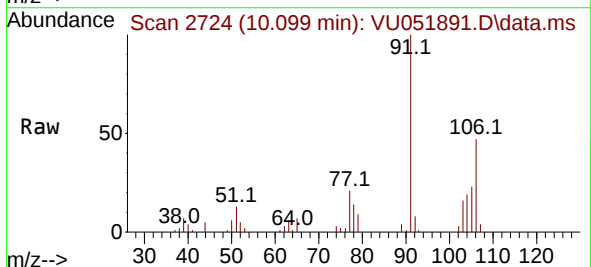
Manual Integrations
APPROVED

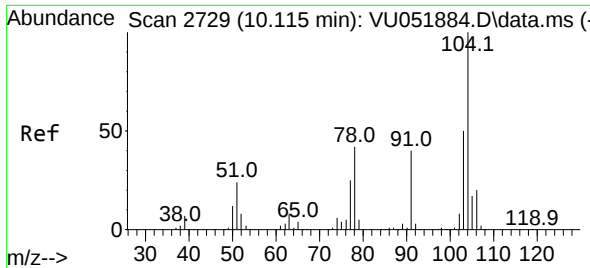
Reviewed By :Krupa Patel 11/18/2022
Supervised By :Mahesh Dadoda 11/18/2022



#54
o-Xylene
Concen: 1.787 ug/L
RT: 10.099 min Scan# 2724
Delta R.T. -0.000 min
Lab File: VU051891.D
Acq: 17 Nov 2022 13:02

Tgt Ion:106 Resp: 10439
Ion Ratio Lower Upper
106 100
91 212.3 149.7 278.1





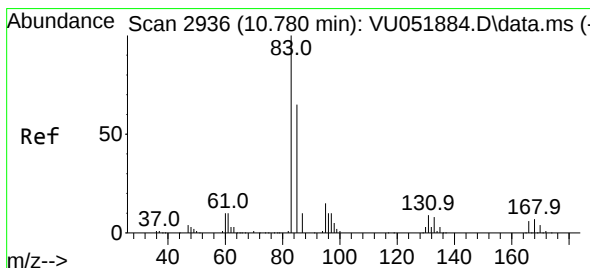
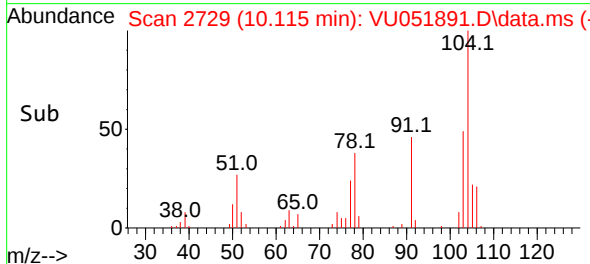
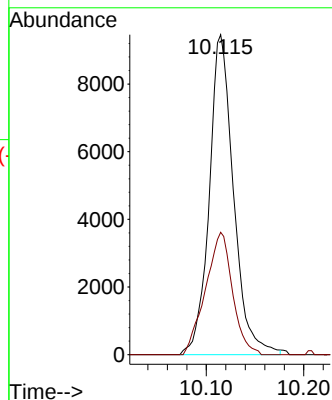
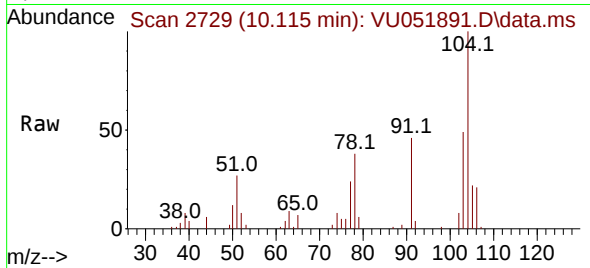
#55
Styrene
Concen: 1.627 ug/L
RT: 10.115 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU051891.D
Acq: 17 Nov 2022 13:02

Instrument :
MSVOA_U
ClientSampleId :
MDL07

Tgt Ion:104 Resp: 16394
Ion Ratio Lower Upper
104 100
78 38.2 30.3 56.3

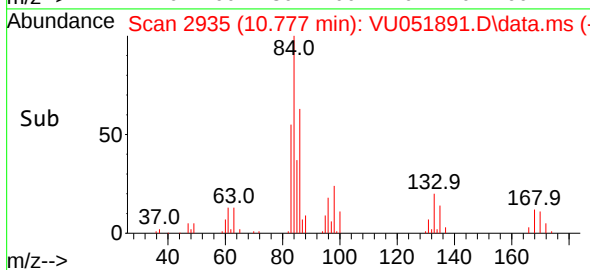
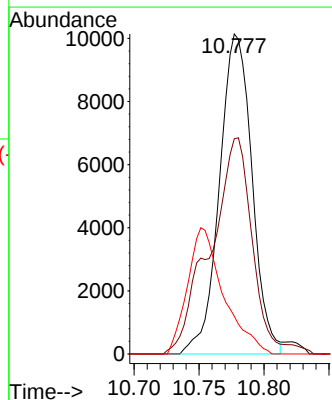
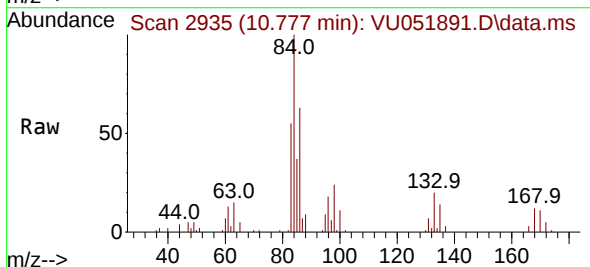
Manual Integrations
APPROVED

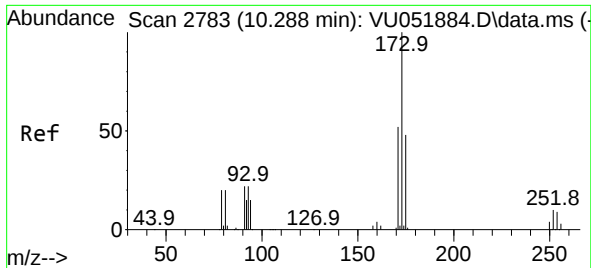
Reviewed By :Krupa Patel 11/18/2022
Supervised By :Mahesh Dadoda 11/18/2022



#57
1,1,2,2-Tetrachloroethane
Concen: 2.310 ug/L
RT: 10.777 min Scan# 2935
Delta R.T. -0.003 min
Lab File: VU051891.D
Acq: 17 Nov 2022 13:02

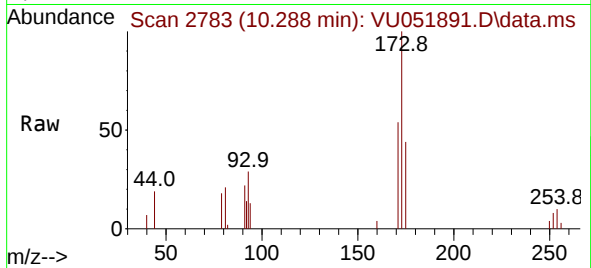
Tgt Ion: 83 Resp: 17692
Ion Ratio Lower Upper
83 100
85 67.3 44.9 83.3
131 11.8 6.8 10.2#





#59
Bromoform
Concen: 2.657 ug/L
RT: 10.288 min Scan# 2783
Delta R.T. -0.000 min
Lab File: VU051891.D
Acq: 17 Nov 2022 13:02

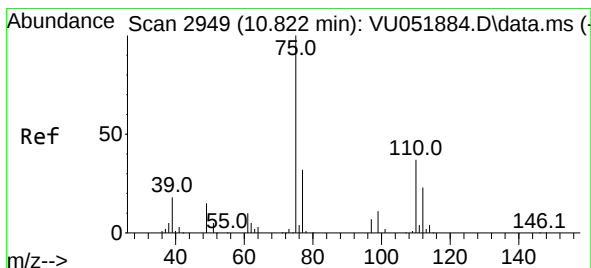
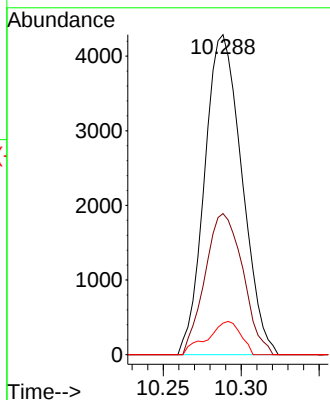
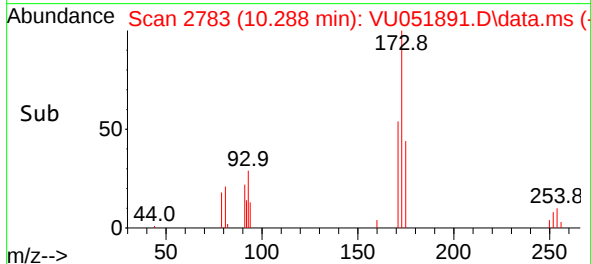
Instrument :
MSVOA_U
ClientSampleId :
MDL07



Tgt Ion:173 Resp: 7132
Ion Ratio Lower Upper
173 100
175 44.7 38.9 58.3
254 7.6 7.4 11.2

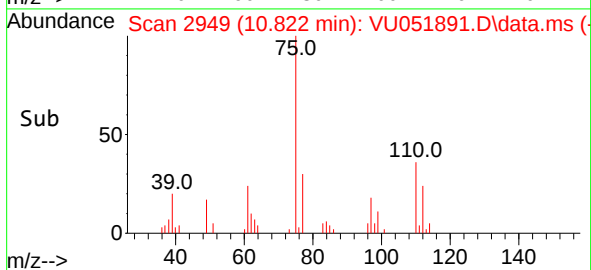
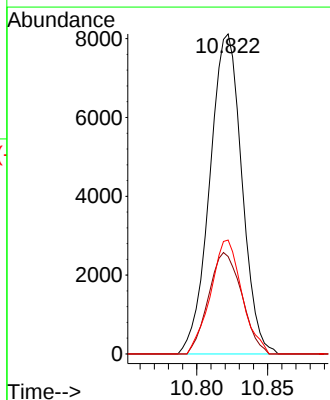
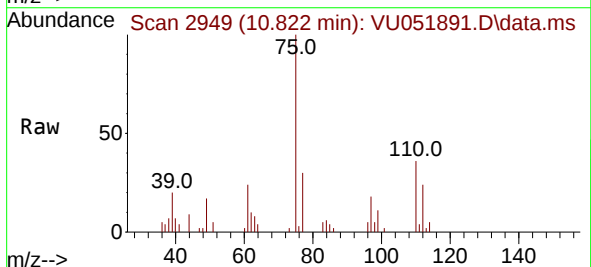
Manual Integrations
APPROVED

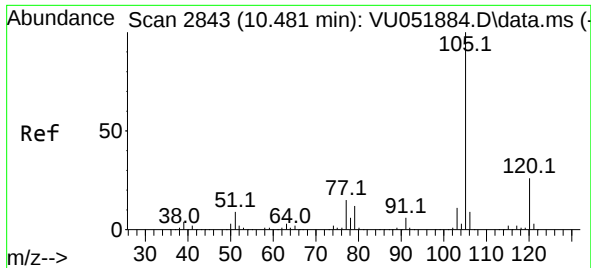
Reviewed By :Krupa Patel 11/18/2022
Supervised By :Mahesh Dadoda 11/18/2022



#60
1,2,3-Trichloropropane
Concen: 2.701 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU051891.D
Acq: 17 Nov 2022 13:02

Tgt Ion: 75 Resp: 12794
Ion Ratio Lower Upper
75 100
77 32.8 26.2 39.4
110 34.7 29.0 43.4





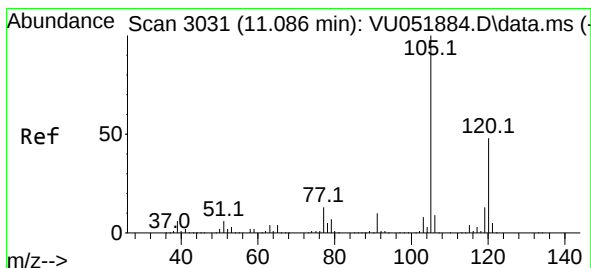
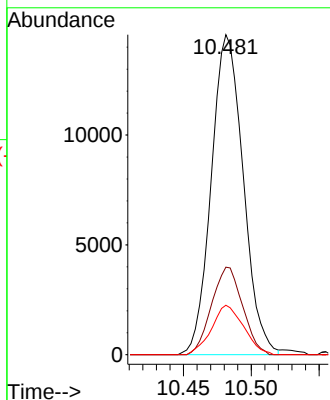
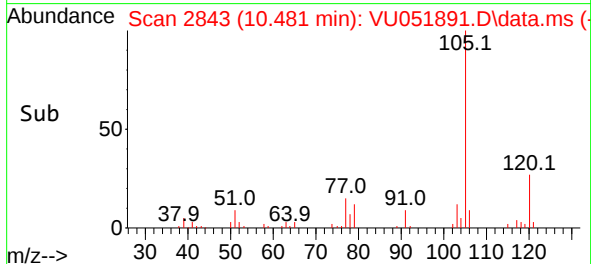
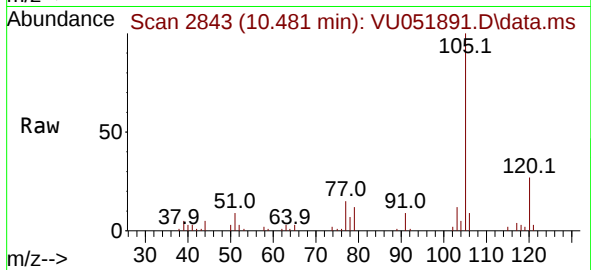
#61
Isopropylbenzene
Concen: 2.062 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. -0.000 min
Lab File: VU051891.D
Acq: 17 Nov 2022 13:02

Instrument :
MSVOA_U
ClientSampleId :
MDL07

Tgt Ion:105 Resp: 23860
Ion Ratio Lower Upper
105 100
120 26.5 21.1 31.7
77 15.6 12.2 18.4

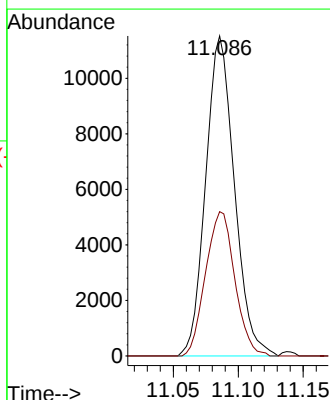
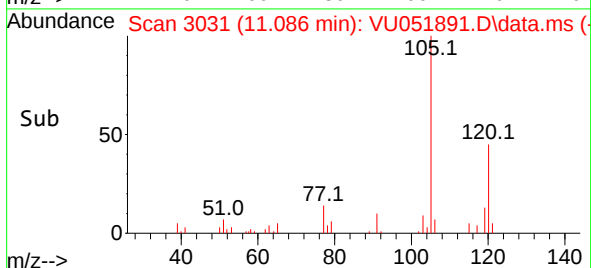
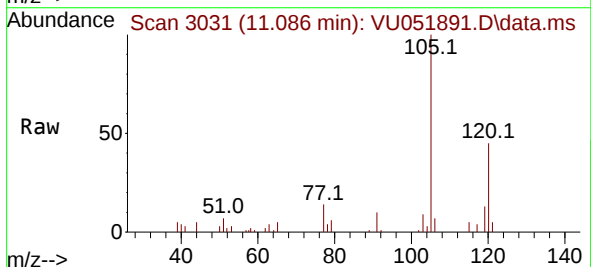
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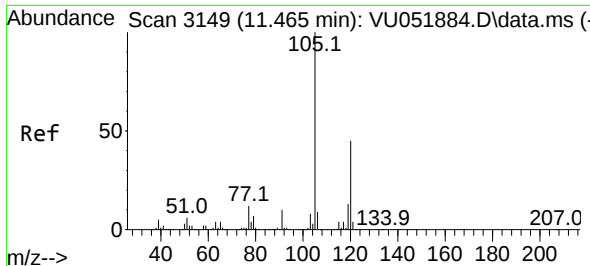
Reviewed By :Krupa Patel 11/18/2022
Supervised By :Mahesh Dadoda 11/18/2022



#62
1,3,5-Trimethylbenzene
Concen: 1.876 ug/L
RT: 11.086 min Scan# 3031
Delta R.T. -0.000 min
Lab File: VU051891.D
Acq: 17 Nov 2022 13:02

Tgt Ion:105 Resp: 17691
Ion Ratio Lower Upper
105 100
120 45.9 39.1 58.7





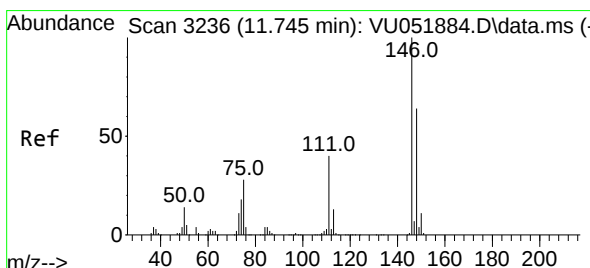
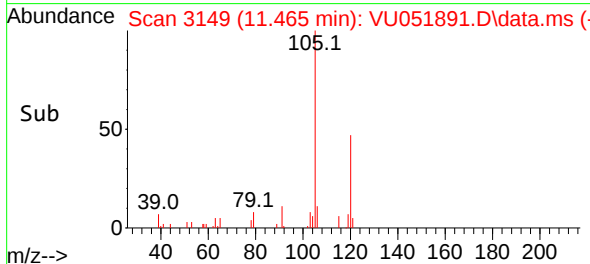
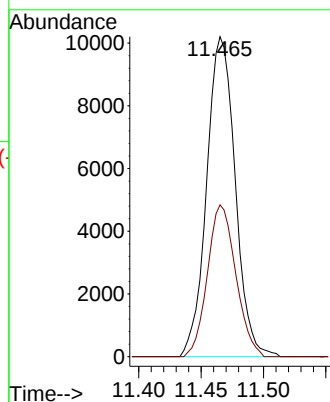
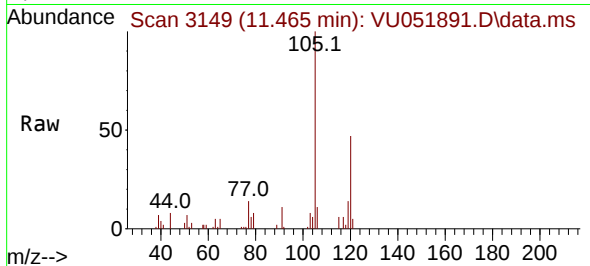
#63
1,2,4-Trimethylbenzene
Concen: 1.765 ug/L
RT: 11.465 min Scan# 3149
Delta R.T. -0.000 min
Lab File: VU051891.D
Acq: 17 Nov 2022 13:02

Instrument : MSVOA_U
ClientSampleId : MDL07

Tgt Ion:105 Resp: 1626
Ion Ratio Lower Upper
105 100
120 47.0 36.2 54.2

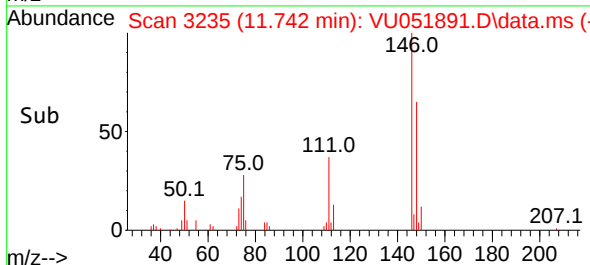
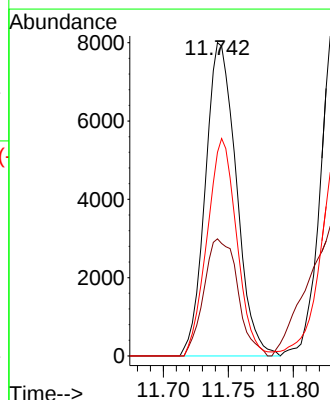
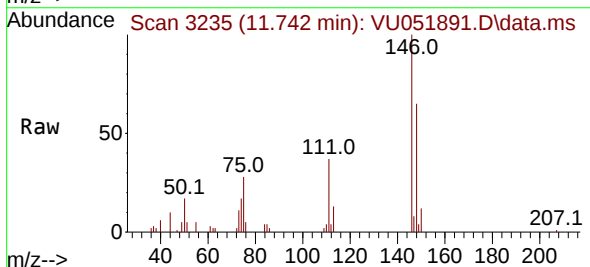
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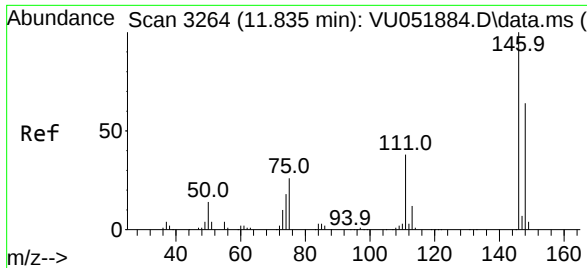
Reviewed By :Krupa Patel 11/18/2022
Supervised By :Mahesh Dadoda 11/18/2022



#64
1,3-Dichlorobenzene
Concen: 2.256 ug/L
RT: 11.742 min Scan# 3235
Delta R.T. -0.003 min
Lab File: VU051891.D
Acq: 17 Nov 2022 13:02

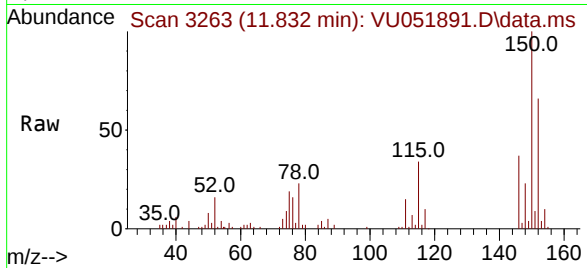
Tgt Ion:146 Resp: 13234
Ion Ratio Lower Upper
146 100
111 37.4 28.1 52.1
148 65.0 44.4 82.4





#65
1,4-Dichlorobenzene
Concen: 2.424 ug/L
RT: 11.832 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU051891.D
Acq: 17 Nov 2022 13:02

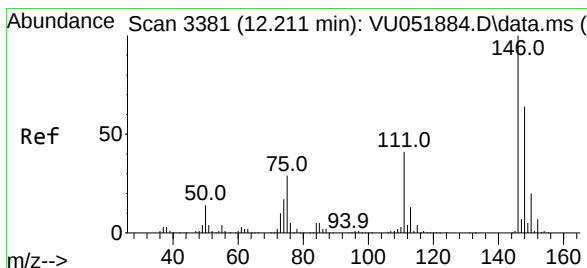
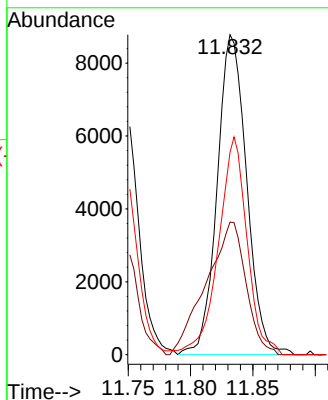
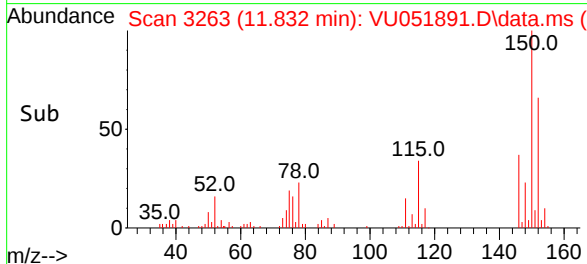
Instrument :
MSVOA_U
ClientSampleId :
MDL07



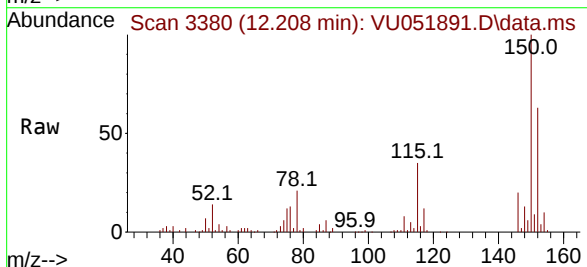
Tgt Ion:146 Resp: 1439
Ion Ratio Lower Upper
146 100
111 41.4 26.7 49.5
148 63.3 44.4 82.4

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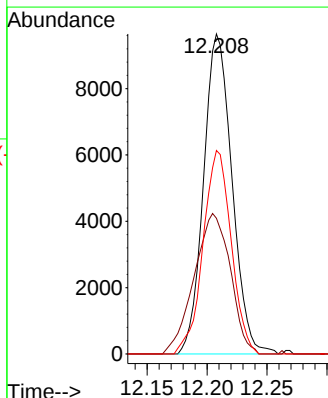
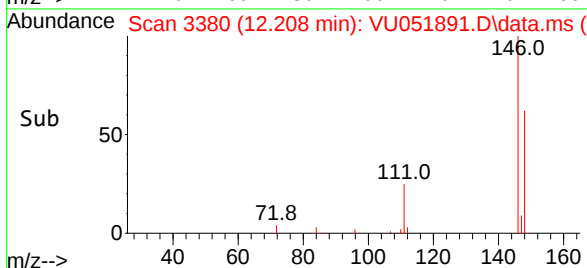
Reviewed By :Krupa Patel 11/18/2022
Supervised By :Mahesh Dadoda 11/18/2022

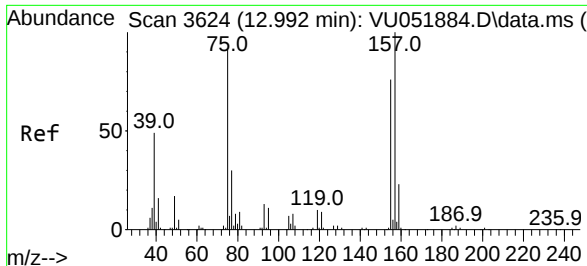


#67
1,2-Dichlorobenzene
Concen: 2.553 ug/L
RT: 12.208 min Scan# 3380
Delta R.T. -0.003 min
Lab File: VU051891.D
Acq: 17 Nov 2022 13:02



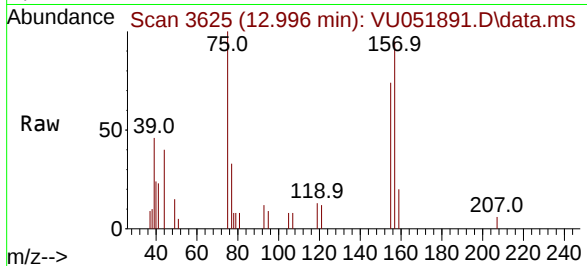
Tgt Ion:146 Resp: 15924
Ion Ratio Lower Upper
146 100
111 42.4 33.6 50.4
148 63.6 50.9 76.3





#68
1,2-Dibromo-3-chloropropane
Concen: 2.760 ug/L
RT: 12.996 min Scan# 3625
Delta R.T. 0.003 min
Lab File: VU051891.D
Acq: 17 Nov 2022 13:02

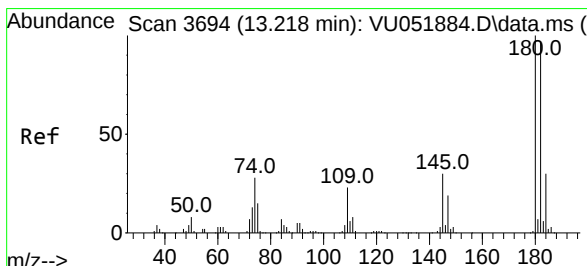
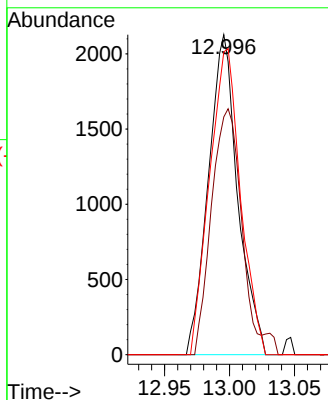
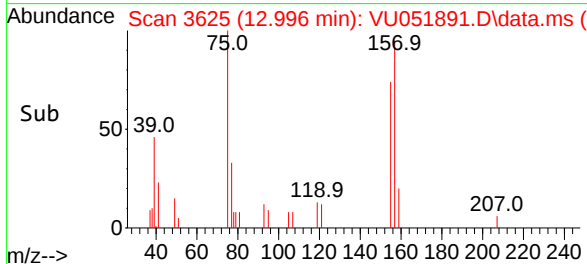
Instrument :
MSVOA_U
ClientSampleId :
MDL07



Tgt Ion: 75 Resp: 334
Ion Ratio Lower Upper
75 100
155 74.3 63.0 94.6
157 94.6 79.4 119.0

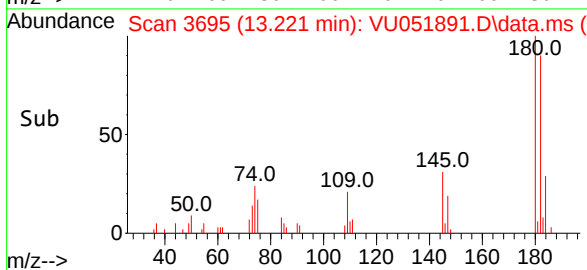
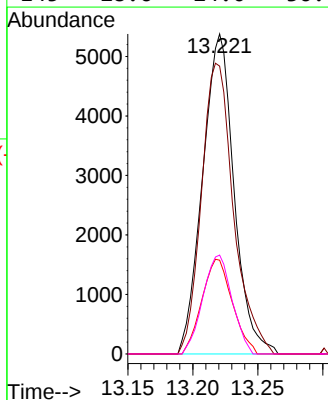
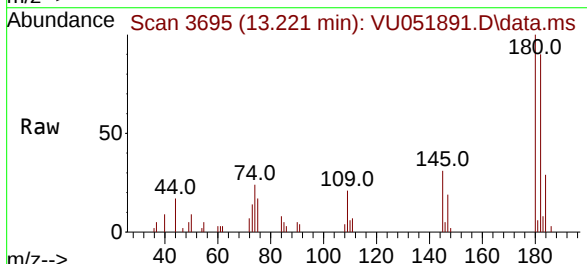
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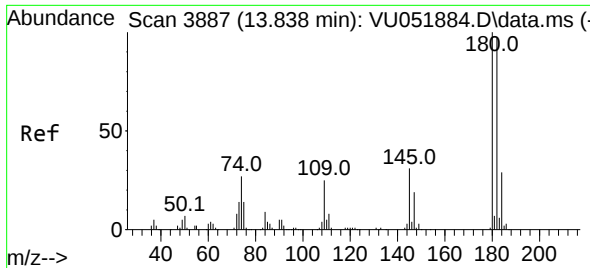
Reviewed By :Krupa Patel 11/18/2022
Supervised By :Mahesh Dadoda 11/18/2022



#69
1,3,5-Trichlorobenzene
Concen: 2.327 ug/L
RT: 13.221 min Scan# 3695
Delta R.T. 0.003 min
Lab File: VU051891.D
Acq: 17 Nov 2022 13:02

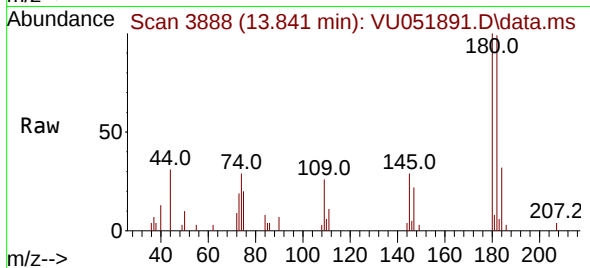
Tgt Ion:180 Resp: 9055
Ion Ratio Lower Upper
180 100
182 92.6 77.0 115.4
184 28.7 23.8 35.8
145 28.6 24.0 36.0





#70
1,2,4-trichlorobenzene
Concen: 2.156 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. 0.003 min
Lab File: VU051891.D
Acq: 17 Nov 2022 13:02

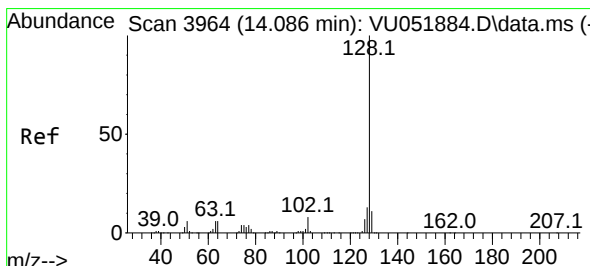
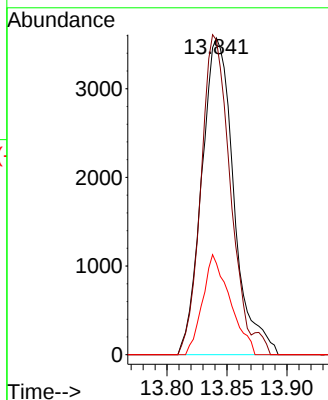
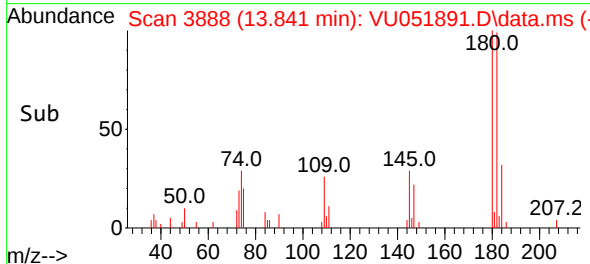
Instrument :
MSVOA_U
ClientSampleId :
MDL07



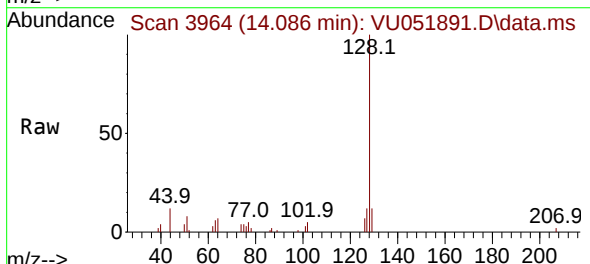
Tgt Ion:180 Resp: 6650
Ion Ratio Lower Upper
180 100
182 90.7 76.4 114.6
145 27.0 24.2 36.2

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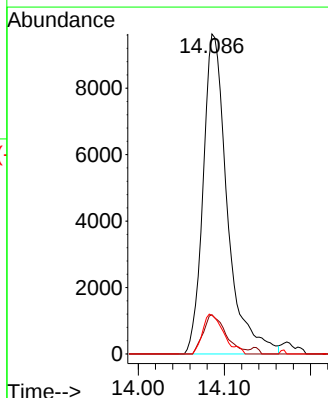
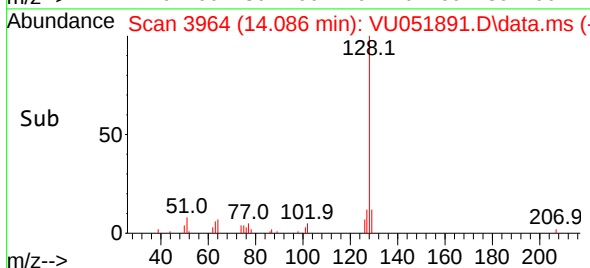
Reviewed By :Krupa Patel 11/18/2022
Supervised By :Mahesh Dadoda 11/18/2022

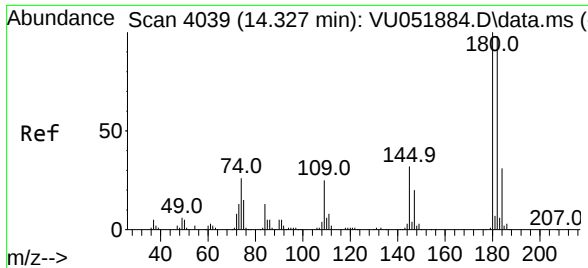


#71
Naphthalene
Concen: 1.847 ug/L m
RT: 14.086 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU051891.D
Acq: 17 Nov 2022 13:02



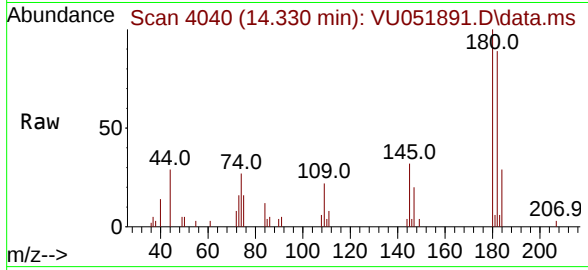
Tgt Ion:128 Resp: 18738
Ion Ratio Lower Upper
128 100
127 11.5 10.4 15.6
129 10.3 8.5 12.7





#72
 1,2,3-Trichlorobenzene
 Concen: 2.126 ug/L
 RT: 14.330 min Scan# 4039
 Delta R.T. 0.003 min
 Lab File: VU051891.D
 Acq: 17 Nov 2022 13:02

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL07



Tgt Ion:180 Resp: 717
 Ion Ratio Lower Upper
 180 100
 182 94.8 76.9 115.3
 145 32.2 24.9 37.3

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

