

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111722\
 Data File : VU051893.D
 Acq On : 17 Nov 2022 13:50
 Operator : JC/MD
 Sample : MDL04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL04

Manual Integrations
 APPROVED

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

Quant Time: Nov 18 01:17:17 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	473471	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	470792	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	195906	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	99815	42.942	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	85.880%		
7) Chloroethane-d5	1.903	69	106911	45.907	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	91.820%		
11) 1,1-Dichloroethene-d2	2.565	63	126822	30.426	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	60.860%		
21) 2-Butanone-d5	4.616	46	260667	98.621	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	98.620%		
24) Chloroform-d	5.060	84	270128	46.359	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.720%		
26) 1,2-Dichloroethane-d4	5.700	65	168843	47.337	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.680%		
32) Benzene-d6	5.726	84	475138	48.403	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.800%		
36) 1,2-Dichloropropane-d6	6.687	67	178453	48.839	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.680%		
41) Toluene-d8	7.896	98	363188	45.076	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.160%		
43) trans-1,3-Dichloroprop...	8.176	79	68108	46.797	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.600%		
47) 2-Hexanone-d5	8.629	63	176153	94.859	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	94.860%		
56) 1,1,2,2-Tetrachloroeth...	10.754	84	332940	46.818	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	93.640%		
66) 1,2-Dichlorobenzene-d4	12.192	152	179352	52.022	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	104.040%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	6645	2.286	ug/L	100
3) Chloromethane	1.526	50	12348	3.199	ug/L	97
5) Vinyl chloride	1.604	62	10805	2.698	ug/L #	22
6) Bromomethane	1.842	94	5048	2.910	ug/L	95
8) Chloroethane	1.925	64	7648	2.938	ug/L	94
9) Trichlorofluoromethane	2.134	101	11935	2.490	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	9294	3.076	ug/L	86
12) 1,1-Dichloroethene	2.578	96	7821	2.772	ug/L #	1
13) Acetone	2.626	43	10707	3.786	ug/L	100
14) Carbon disulfide	2.790	76	19262	2.464	ug/L	99
15) Methyl Acetate	2.951	43	9365	2.429	ug/L	94
16) Methylene chloride	3.044	84	14820	3.290	ug/L	95
17) trans-1,2-Dichloroethene	3.353	96	7573	2.490	ug/L	92
18) Methyl tert-butyl Ether	3.362	73	22136	2.352	ug/L #	84
19) 1,1-Dichloroethane	3.867	63	14700	2.375	ug/L	98
20) cis-1,2-Dichloroethene	4.668	96	9302	2.621	ug/L	99
22) 2-Butanone	4.722	43	14036m	4.395	ug/L	
23) Bromochloromethane	4.976	128	5051	2.579	ug/L	90
27) 1,2-Dichloroethane	5.793	62	13041	2.733	ug/L	100

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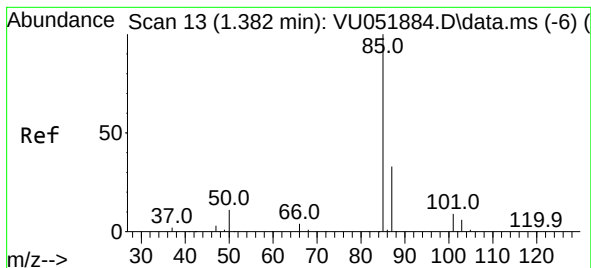
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM111522WMA.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	5.388	56	8984	2.237	ug/L	93
30) 1,1,1-Trichloroethane	5.314	97	11888	2.498	ug/L	91
31) Carbon tetrachloride	5.523	117	10621	2.669	ug/L	96
33) Benzene	5.774	78	35457	2.618	ug/L	100
35) Methylcyclohexane	6.761	83	10715	2.463	ug/L	96
37) 1,2-Dichloropropane	6.790	63	9906	2.583	ug/L #	94
38) Bromodichloromethane	7.105	83	12501	2.606	ug/L	96
39) cis-1,3-Dichloropropene	7.607	75	11689	2.330	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	21581	4.274	ug/L	96
42) Toluene	7.967	91	33173	2.382	ug/L	94
44) trans-1,3-Dichloropropene	8.208	75	11677m	2.429	ug/L	
45) 1,1,2-Trichloroethane	8.398	97	10291	2.641	ug/L	97
46) Tetrachloroethene	8.552	164	6392	2.495	ug/L	92
49) Dibromochloromethane	8.806	129	9840	2.449	ug/L	99
50) 1,2-Dibromoethane	8.922	107	9666	2.464	ug/L #	89
51) Chlorobenzene	9.443	112	23925	2.514	ug/L	93
52) Ethylbenzene	9.568	91	31322	2.197	ug/L	95
53) m,p-Xylene	9.693	106	11762	2.132	ug/L	99
54) o-Xylene	10.098	106	11044	1.967	ug/L	96
55) Styrene	10.115	104	16315	1.684	ug/L	90
57) 1,1,2,2-Tetrachloroethane	10.780	83	18340	2.491	ug/L #	93
59) Bromoform	10.288	173	7623	2.870	ug/L	97
60) 1,2,3-Trichloropropane	10.819	75	13438	2.868	ug/L	97
61) Isopropylbenzene	10.484	105	25717	2.246	ug/L	97
62) 1,3,5-Trimethylbenzene	11.086	105	18226	1.954	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	17286	1.896	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	14430	2.487	ug/L	97
65) 1,4-Dichlorobenzene	11.835	146	14768	2.513	ug/L	95
67) 1,2-Dichlorobenzene	12.211	146	16951	2.747	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.995	75	3092	2.577	ug/L	96
69) 1,3,5-Trichlorobenzene	13.220	180	9311	2.418	ug/L	97
70) 1,2,4-trichlorobenzene	13.841	180	6952	2.278	ug/L	96
71) Naphthalene	14.089	128	20079	2.001	ug/L	98
72) 1,2,3-Trichlorobenzene	14.330	180	7767	2.325	ug/L #	93

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



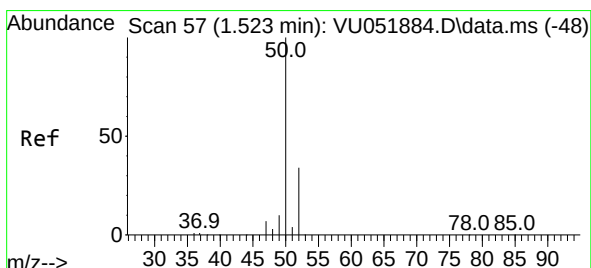
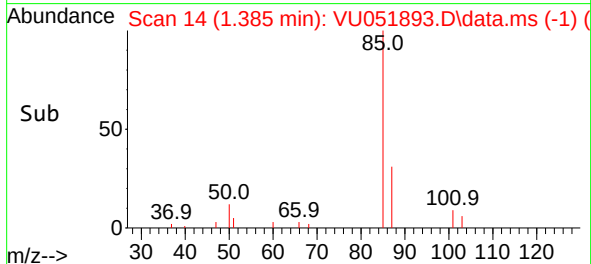
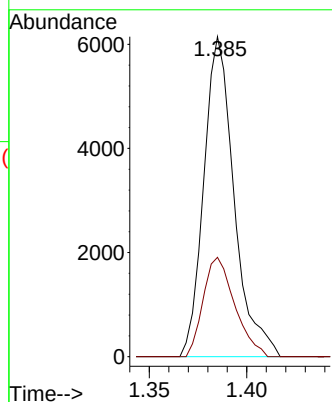
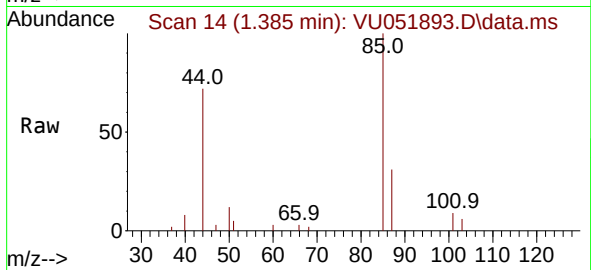
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Dichlorodifluoromethane
Concen: 2.286 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.003 min
Lab File: VU051893.D
Acq: 17 Nov 2022 13:50

Instrument :
MSVOA_U
ClientSampleId :
MDL04

Tgt Ion: 85 Resp: 664
Ion Ratio Lower Upper
85 100
87 32.3 26.0 39.0

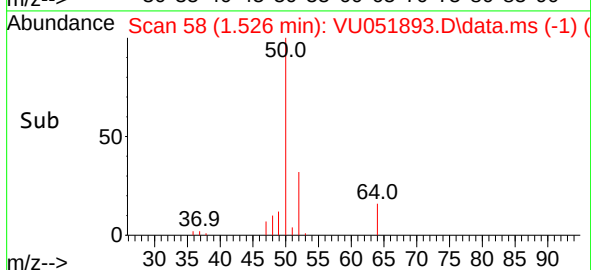
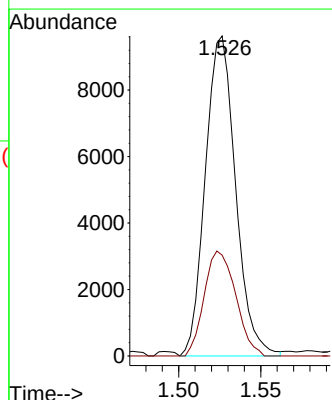
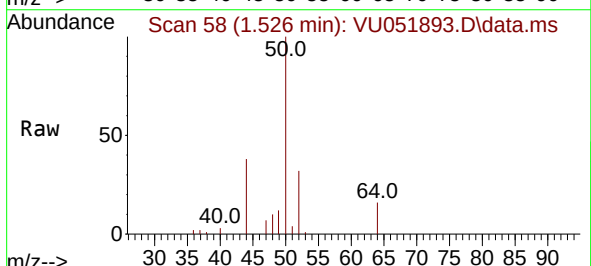
Manual Integrations
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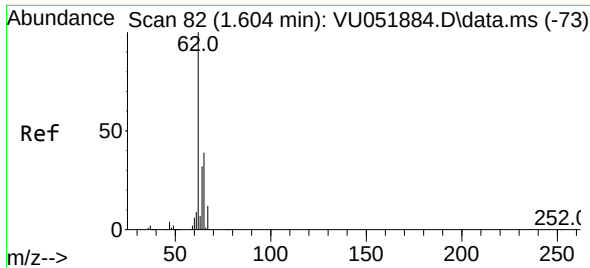
Reviewed By :Krupa Patel 11/18/2022
Supervised By :Mahesh Dadoda 11/18/2022



#3
Chloromethane
Concen: 3.199 ug/L
RT: 1.526 min Scan# 58
Delta R.T. 0.003 min
Lab File: VU051893.D
Acq: 17 Nov 2022 13:50

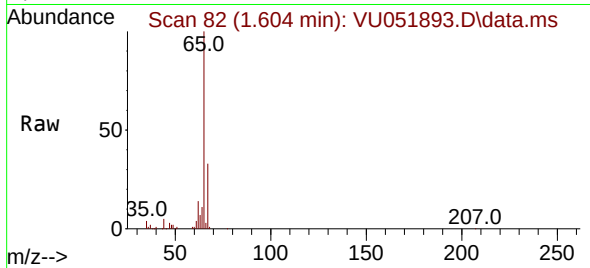
Tgt Ion: 50 Resp: 12348
Ion Ratio Lower Upper
50 100
52 31.5 23.4 43.6





#5
 Vinyl chloride
 Concen: 2.698 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU051893.D
 Acq: 17 Nov 2022 13:50

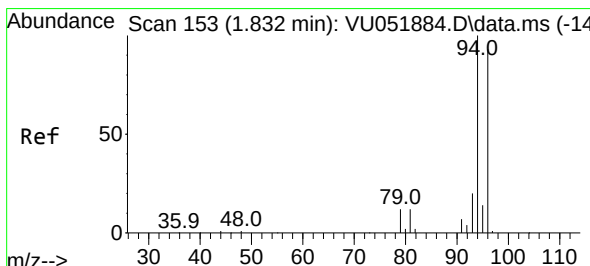
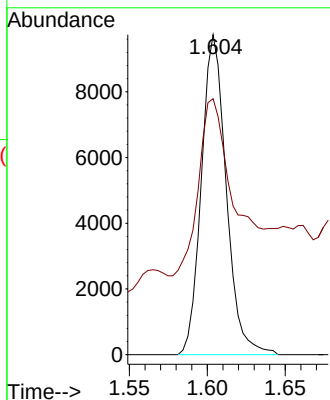
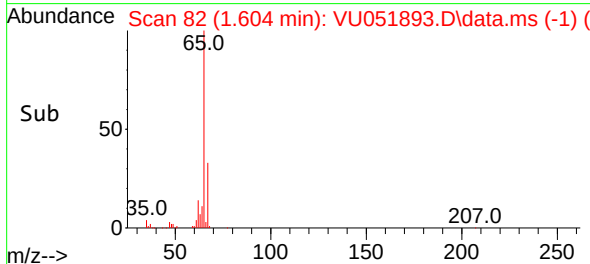
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL04



Tgt Ion: 62 Resp: 1080
 Ion Ratio Lower Upper
 62 100
 64 80.0 24.3 45.1

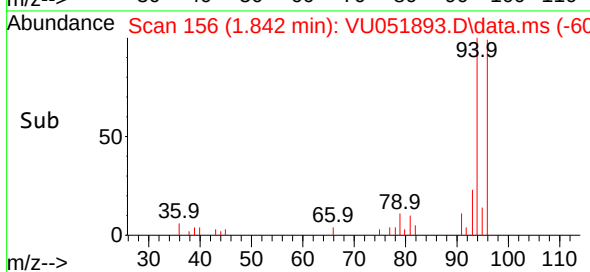
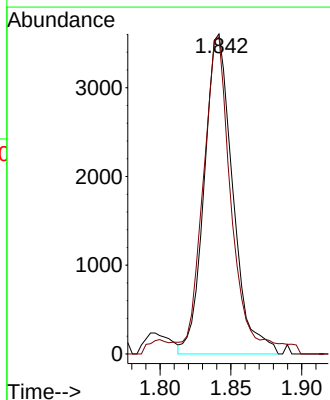
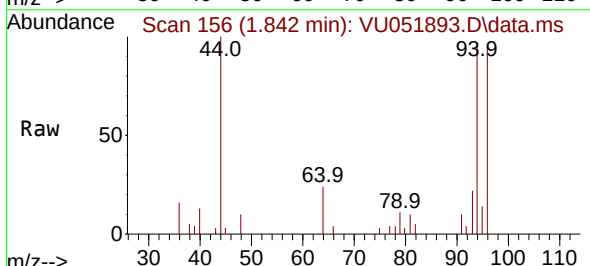
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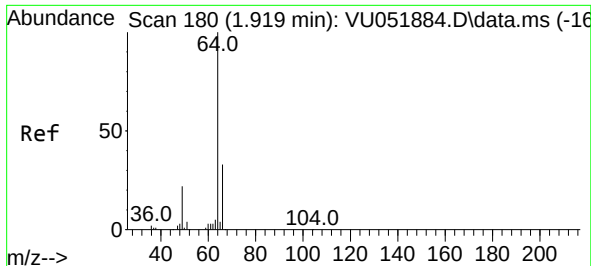
Reviewed By :Krupa Patel 11/18/2022
 Supervised By :Mahesh Dadoda 11/18/2022



#6
 Bromomethane
 Concen: 2.910 ug/L
 RT: 1.842 min Scan# 156
 Delta R.T. 0.009 min
 Lab File: VU051893.D
 Acq: 17 Nov 2022 13:50

Tgt Ion: 94 Resp: 5048
 Ion Ratio Lower Upper
 94 100
 96 99.1 66.1 122.7





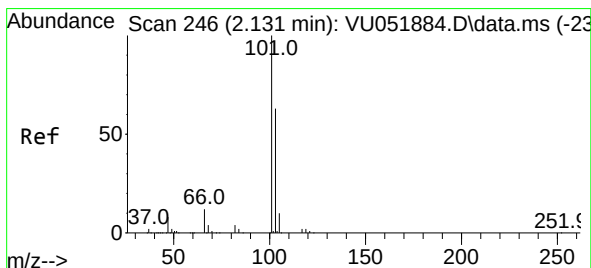
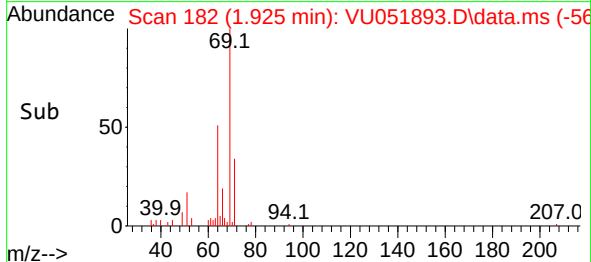
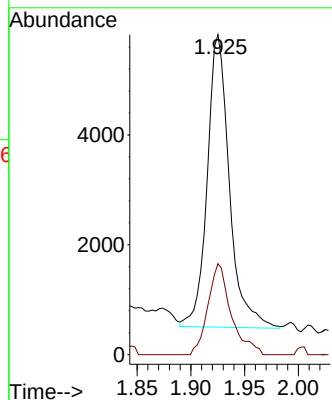
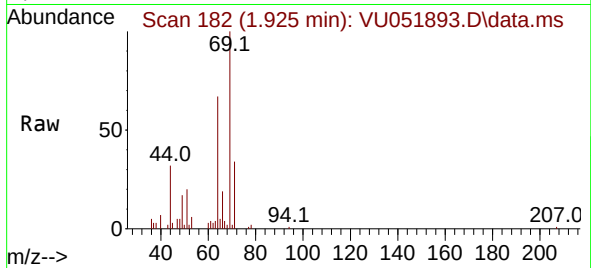
#8
Chloroethane
Concen: 2.938 ug/L
RT: 1.925 min Scan# 11
Delta R.T. 0.006 min
Lab File: VU051893.D
Acq: 17 Nov 2022 13:50

Instrument :
MSVOA_U
ClientSampleId :
MDL04

Tgt Ion: 64 Resp: 764
Ion Ratio Lower Upper
64 100
66 28.4 22.4 41.6

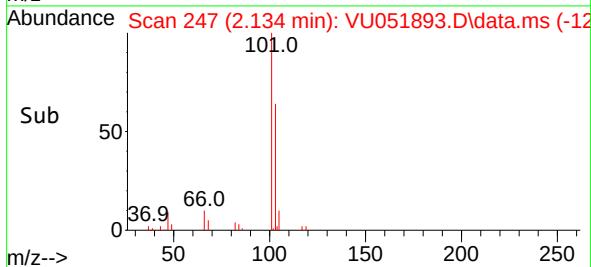
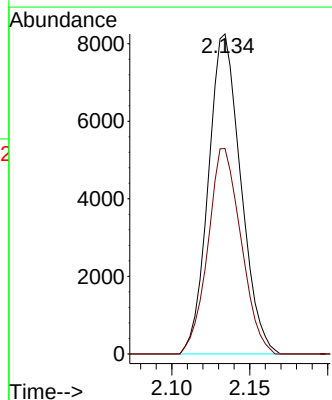
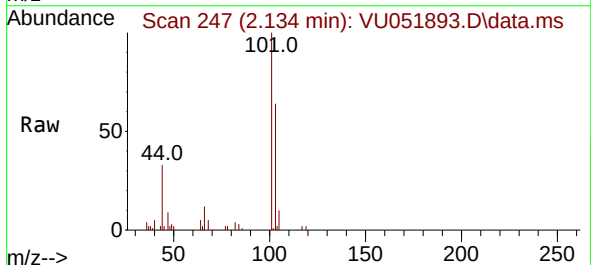
Manual Integrations
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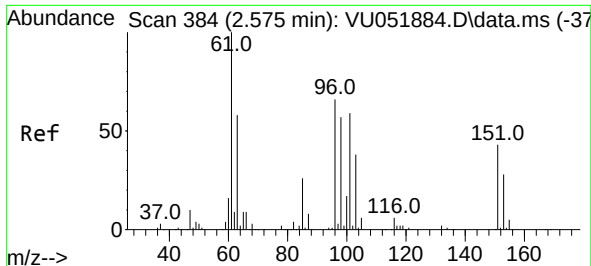
Reviewed By :Krupa Patel 11/18/2022
Supervised By :Mahesh Dadoda 11/18/2022



#9
Trichlorofluoromethane
Concen: 2.490 ug/L
RT: 2.134 min Scan# 247
Delta R.T. 0.003 min
Lab File: VU051893.D
Acq: 17 Nov 2022 13:50

Tgt Ion:101 Resp: 11935
Ion Ratio Lower Upper
101 100
103 65.6 51.4 77.2





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 3.076 ug/L

RT: 2.575 min Scan# 384

Delta R.T. -0.000 min

Lab File: VU051893.D

Acq: 17 Nov 2022 13:50

Instrument :

MSVOA_U

ClientSampleId :

MDL04

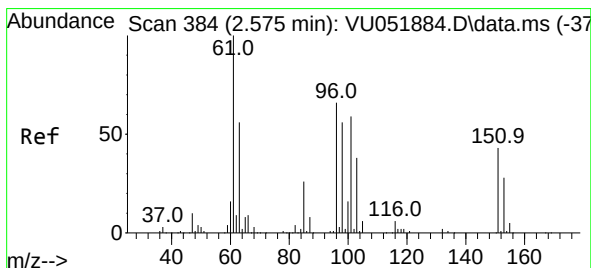
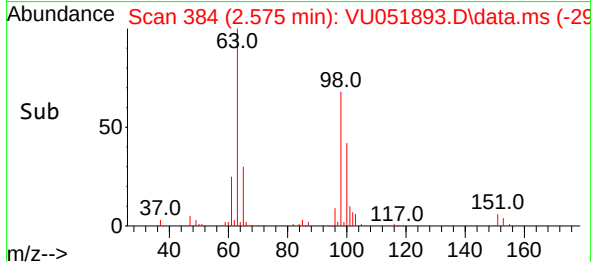
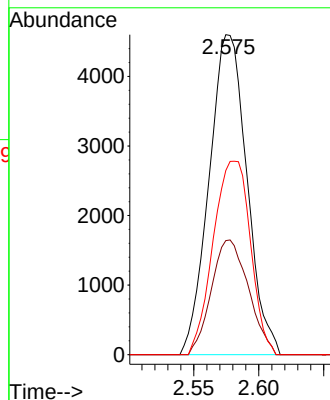
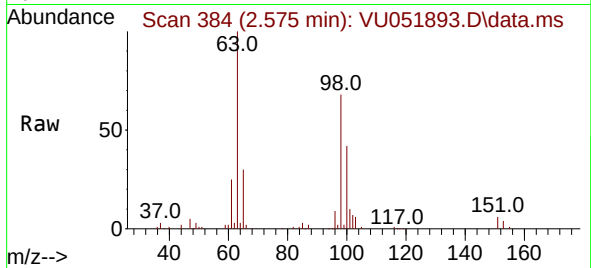
Tgt Ion:	101	Resp:	9294
Ion Ratio	Lower	Upper	
101	100		
85	35.3	34.2	51.2
151	59.7	58.3	87.5

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#12

1,1-Dichloroethene

Concen: 2.772 ug/L

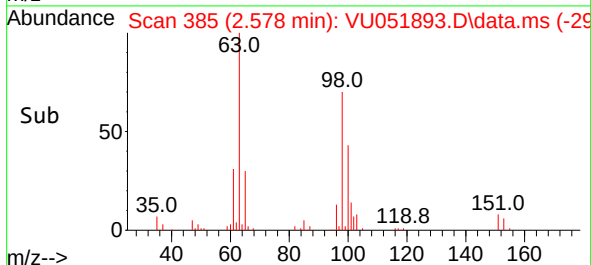
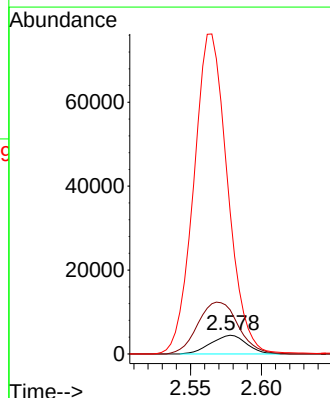
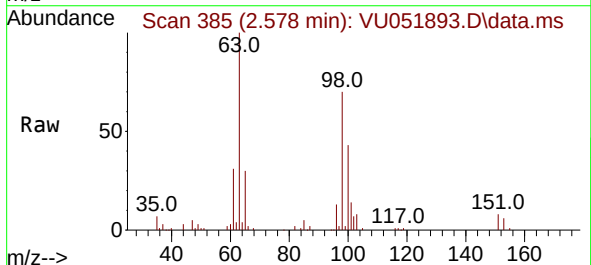
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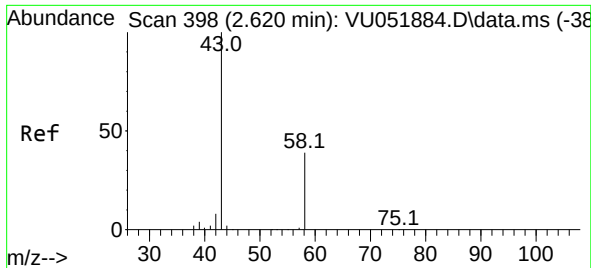
Delta R.T. 0.003 min

Lab File: VU051893.D

Acq: 17 Nov 2022 13:50

Tgt Ion:	96	Resp:	7821
Ion Ratio	Lower	Upper	
96	100		
61	235.5	110.7	205.5#
63	759.6	68.6	127.4#





#13

Acetone

Concen: 3.786 ug/L

RT: 2.626 min Scan# 400

Delta R.T. 0.006 min

Lab File: VU051893.D

Acq: 17 Nov 2022 13:50

Instrument :

MSVOA_U

ClientSampleId :

MDL04

Tgt Ion: 43 Resp: 1070

Ion Ratio Lower Upper

43 100

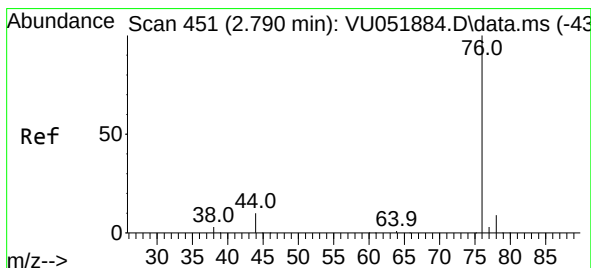
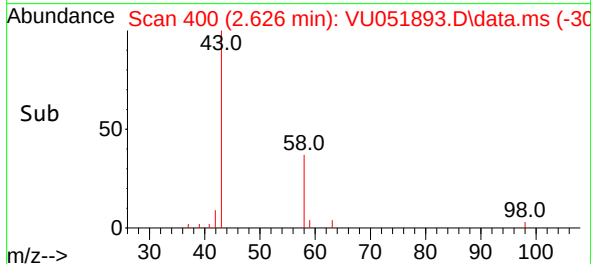
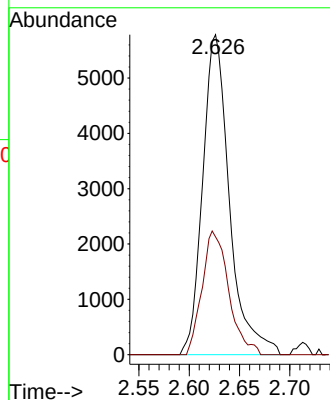
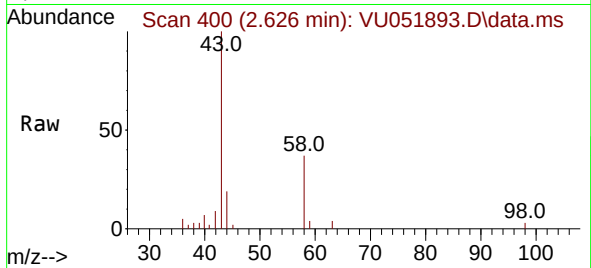
58 37.6 0.0 75.4

Manual Integrations

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Reviewed By :Krupa Patel 11/18/2022

Supervised By :Mahesh Dadoda 11/18/2022



#14

Carbon disulfide

Concen: 2.464 ug/L

RT: 2.790 min Scan# 451

Delta R.T. -0.000 min

Lab File: VU051893.D

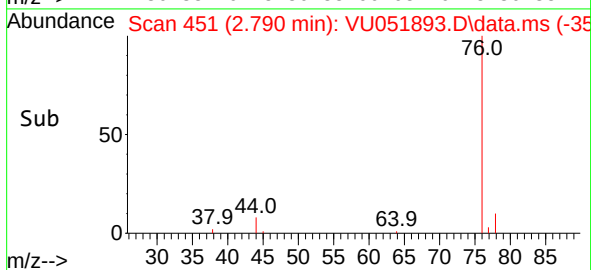
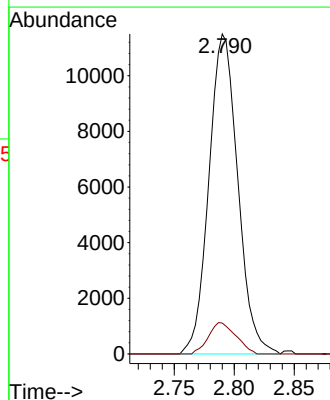
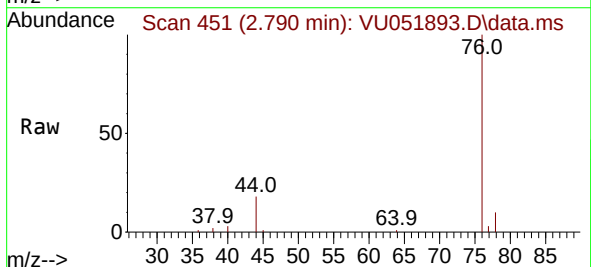
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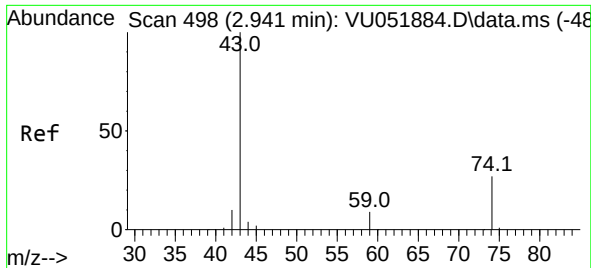
Tgt Ion: 76 Resp: 19262

Ion Ratio Lower Upper

76 100

78 9.7 7.4 11.0





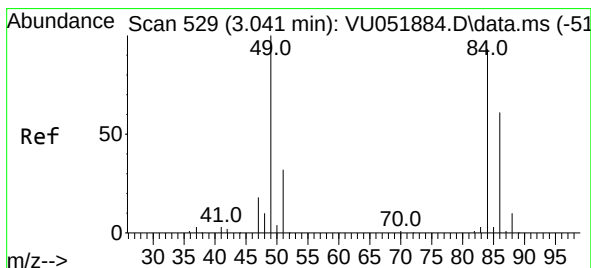
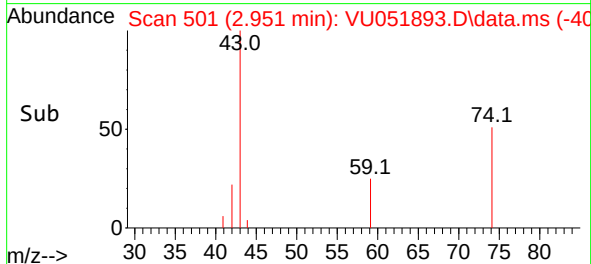
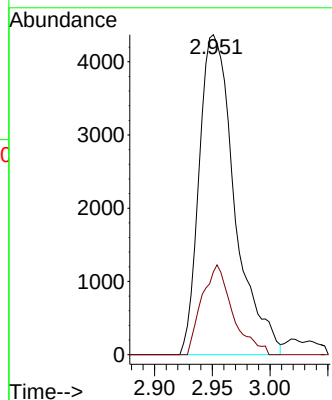
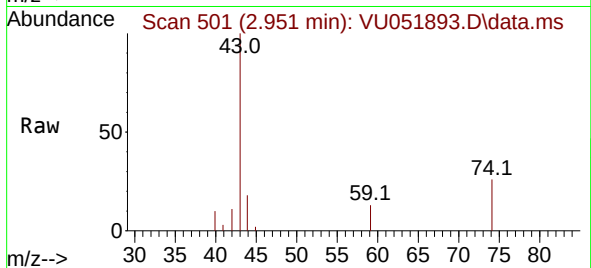
#15
Methyl Acetate
Concen: 2.429 ug/L
RT: 2.951 min Scan# 501
Delta R.T. 0.009 min
Lab File: VU051893.D
Acq: 17 Nov 2022 13:50

Instrument :
MSVOA_U
ClientSampleId :
MDL04

Tgt Ion: 43 Resp: 936
Ion Ratio Lower Upper
43 100
74 24.1 21.8 32.8

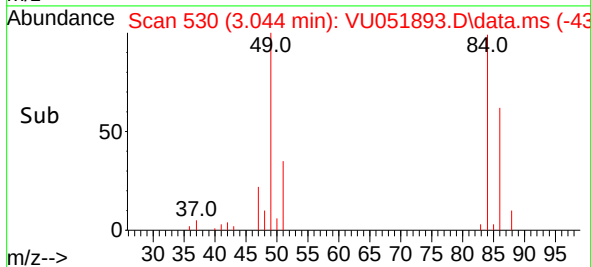
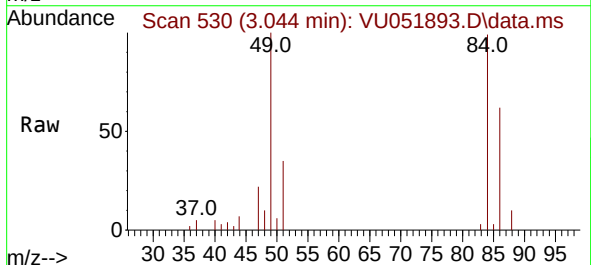
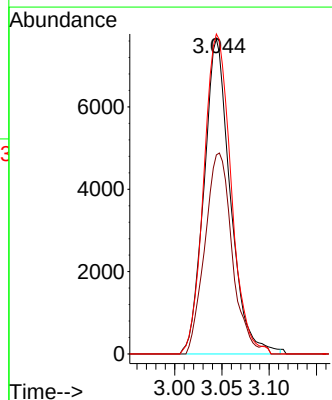
Manual Integrations
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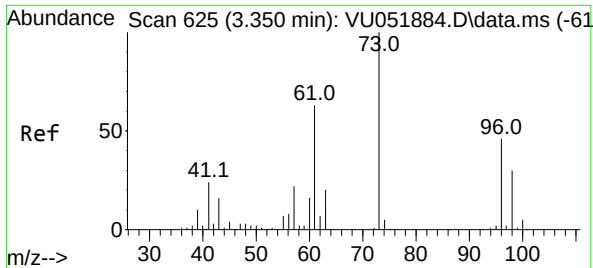
Reviewed By :Krupa Patel 11/18/2022
Supervised By :Mahesh Dadoda 11/18/2022



#16
Methylene chloride
Concen: 3.290 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.003 min
Lab File: VU051893.D
Acq: 17 Nov 2022 13:50

Tgt Ion: 84 Resp: 14820
Ion Ratio Lower Upper
84 100
86 63.1 44.7 82.9
49 101.5 76.5 142.1





#17

trans-1,2-Dichloroethene

Concen: 2.490 ug/L

RT: 3.353 min Scan# 61

Delta R.T. 0.003 min

Lab File: VU051893.D

Acq: 17 Nov 2022 13:50

Instrument :

MSVOA_U

ClientSampleId :

MDL04

Tgt Ion: 96 Resp: 757

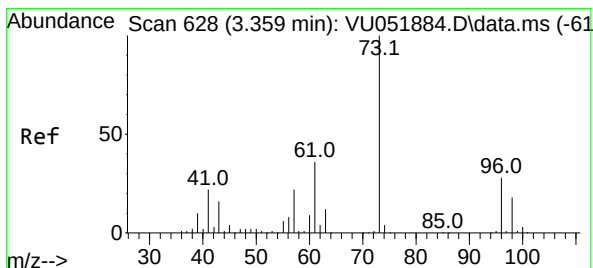
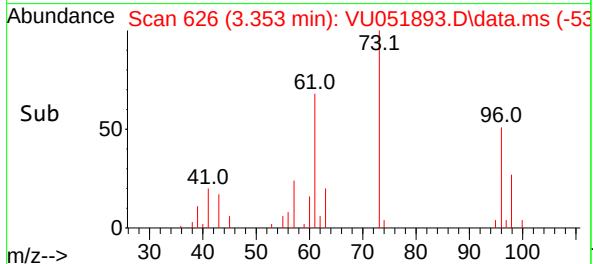
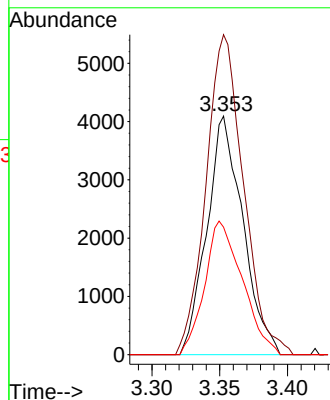
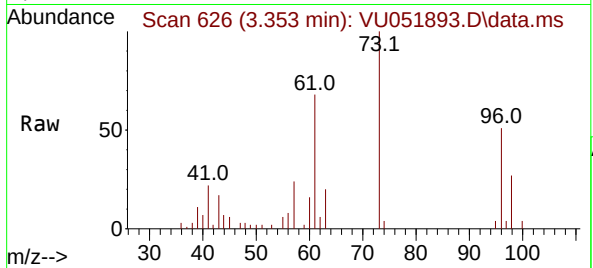
Ion	Ratio	Lower	Upper
96	100		
61	134.1	98.3	182.7
98	53.5	45.5	84.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/18/2022

Supervised By :Mahesh Dadoda 11/18/2022



#18

Methyl tert-butyl Ether

Concen: 2.352 ug/L

RT: 3.362 min Scan# 629

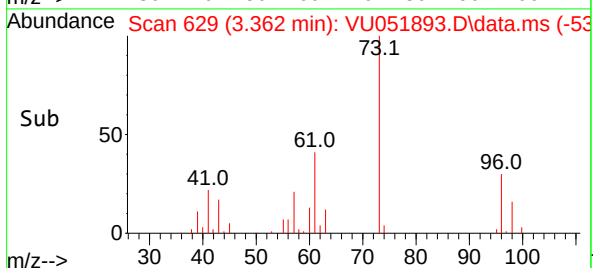
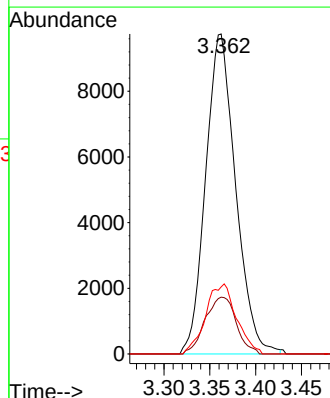
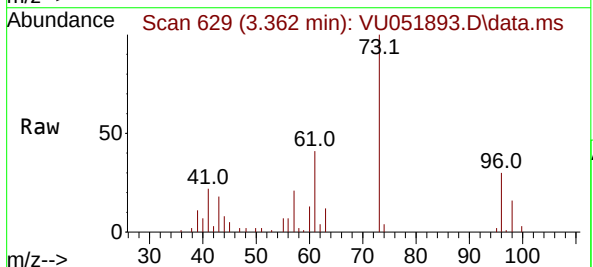
Delta R.T. 0.003 min

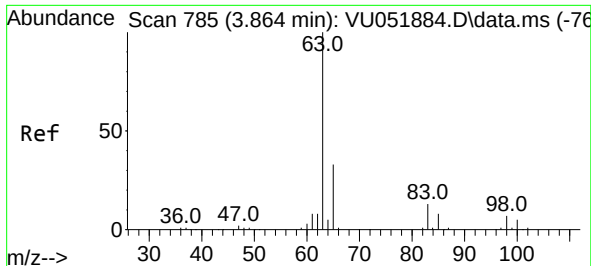
Lab File: VU051893.D

Acq: 17 Nov 2022 13:50

Tgt Ion: 73 Resp: 22136

Ion	Ratio	Lower	Upper
73	100		
43	18.4	13.4	20.0
57	10.4	17.7	26.5





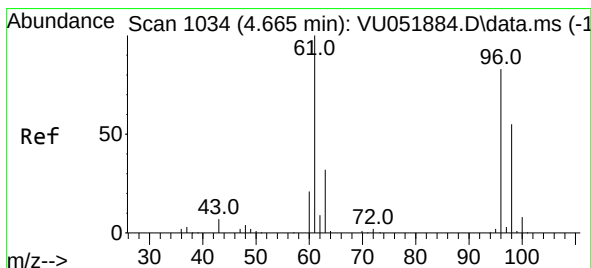
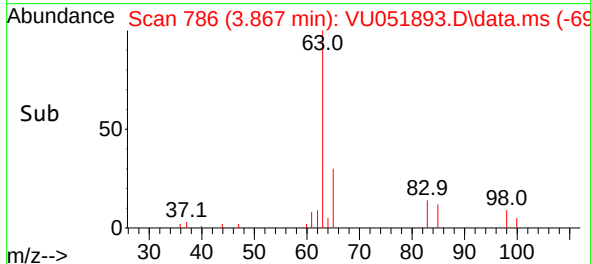
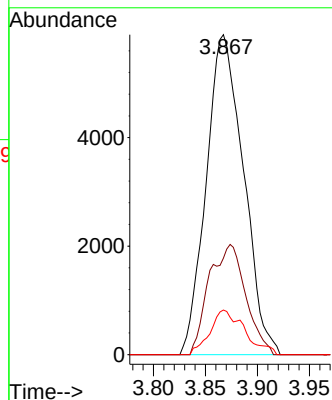
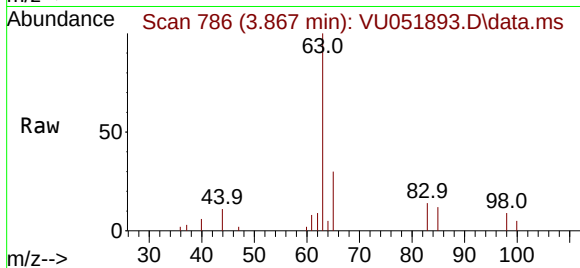
#19
1,1-Dichloroethane
Concen: 2.375 ug/L
RT: 3.867 min Scan# 786
Delta R.T. 0.003 min
Lab File: VU051893.D
Acq: 17 Nov 2022 13:50

Instrument :
MSVOA_U
ClientSampleId :
MDL04

Tgt Ion: 63 Resp: 14700
Ion Ratio Lower Upper
63 100
65 30.2 22.2 41.2
83 14.0 9.6 17.8

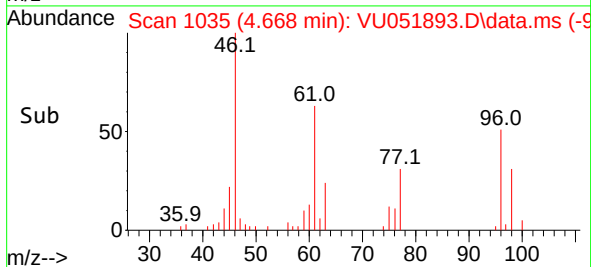
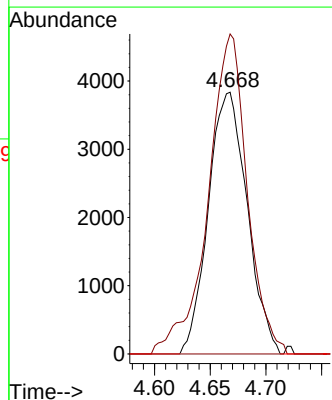
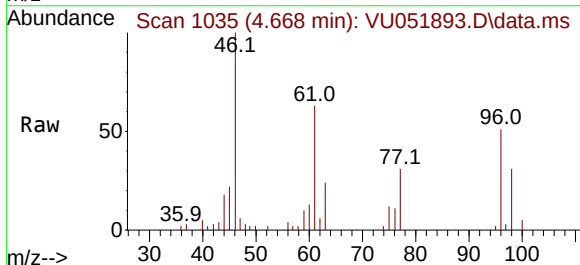
Manual Integrations
APPROVED

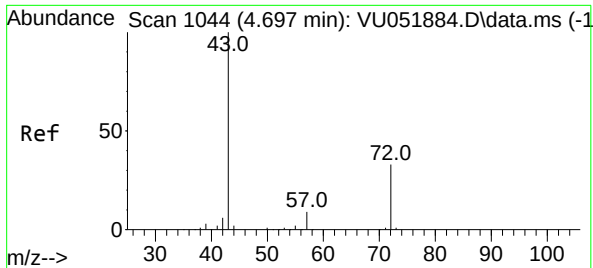
Reviewed By :Krupa Patel 11/18/2022
Supervised By :Mahesh Dadoda 11/18/2022



#20
cis-1,2-Dichloroethene
Concen: 2.621 ug/L
RT: 4.668 min Scan# 1035
Delta R.T. 0.003 min
Lab File: VU051893.D
Acq: 17 Nov 2022 13:50

Tgt Ion: 96 Resp: 9302
Ion Ratio Lower Upper
96 100
61 122.3 86.0 159.8
68 0.0 0.0 0.0





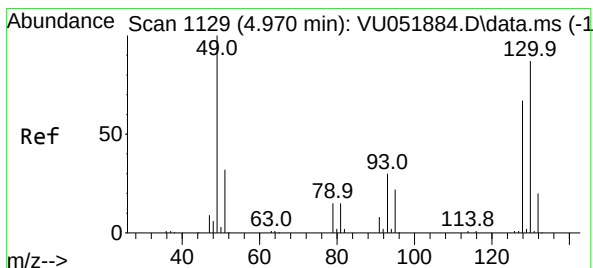
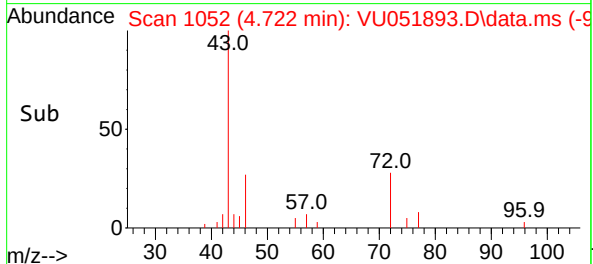
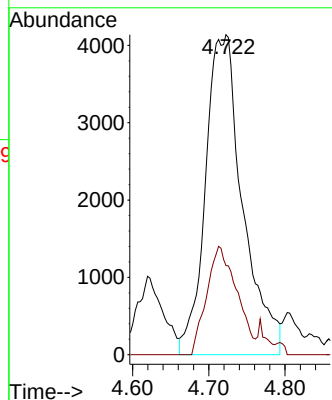
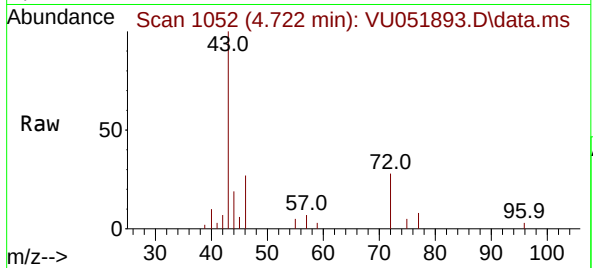
#22
2-Butanone
Concen: 4.395 ug/L m
RT: 4.722 min Scan# 1105
Delta R.T. 0.025 min
Lab File: VU051893.D
Acq: 17 Nov 2022 13:50

Instrument :
MSVOA_U
ClientSampleId :
MDL04

Tgt Ion: 43 Resp: 1403
Ion Ratio Lower Upper
43 100
72 0.8 15.7 47.1

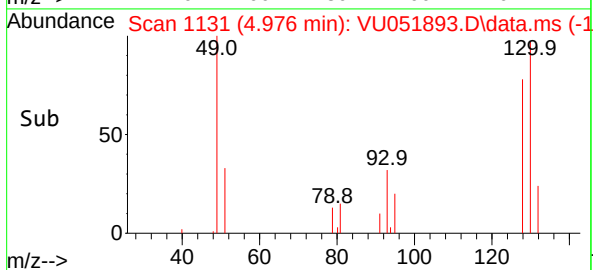
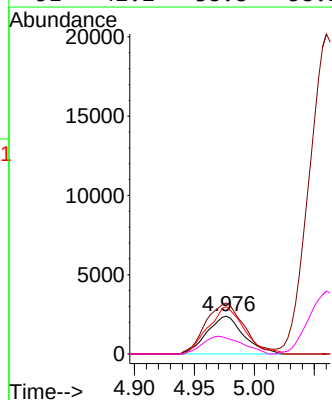
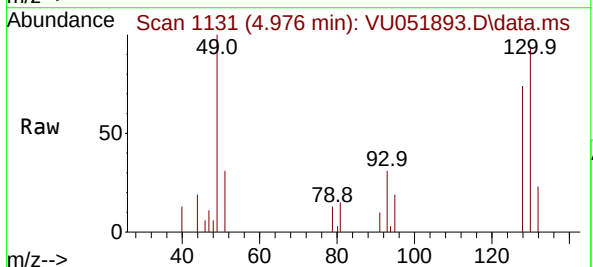
Manual Integrations
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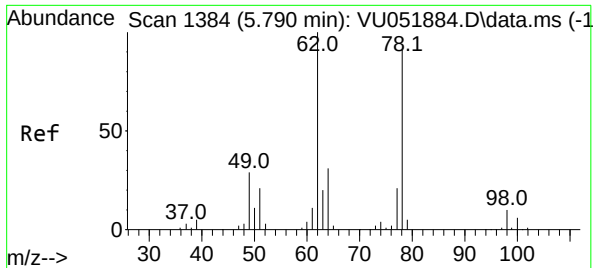
Reviewed By :Krupa Patel 11/18/2022
Supervised By :Mahesh Dadoda 11/18/2022



#23
Bromochloromethane
Concen: 2.579 ug/L
RT: 4.976 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VU051893.D
Acq: 17 Nov 2022 13:50

Tgt Ion:128 Resp: 5051
Ion Ratio Lower Upper
128 100
49 135.0 107.2 199.0
130 125.5 92.5 171.7
51 42.2 38.8 58.2





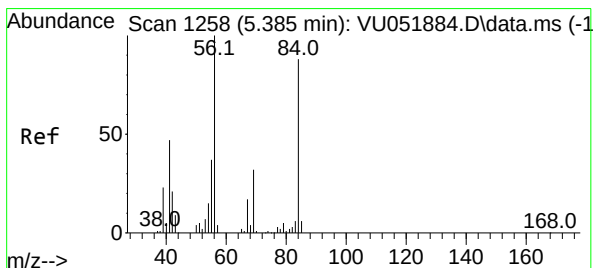
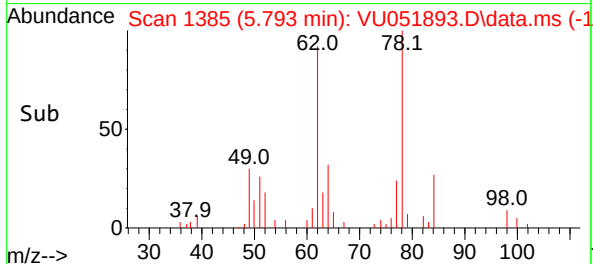
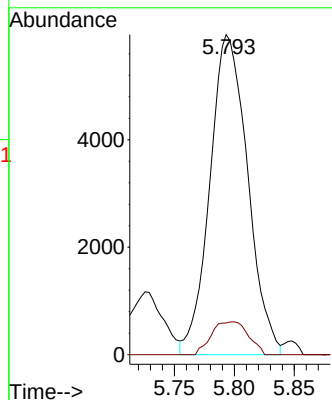
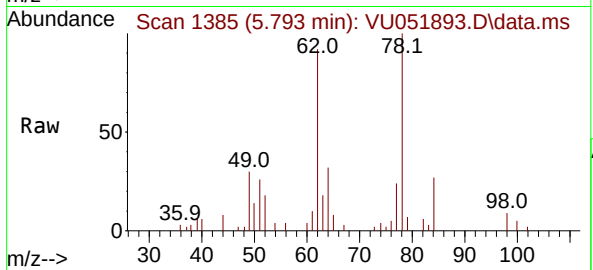
#27
1,2-Dichloroethane
Concen: 2.733 ug/L
RT: 5.793 min Scan# 1384
Delta R.T. 0.003 min
Lab File: VU051893.D
Acq: 17 Nov 2022 13:50

Instrument :
MSVOA_U
ClientSampleId :
MDL04

Tgt Ion: 62 Resp: 1304
Ion Ratio Lower Upper
62 100
98 9.9 8.1 12.1

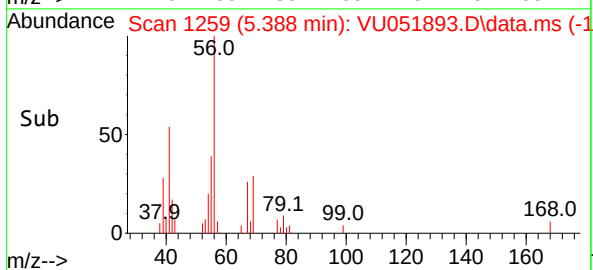
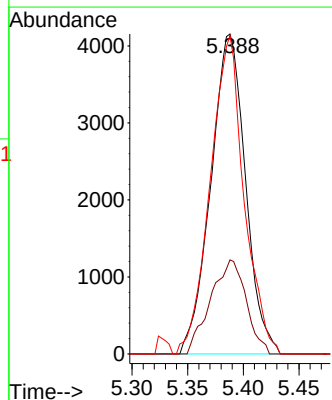
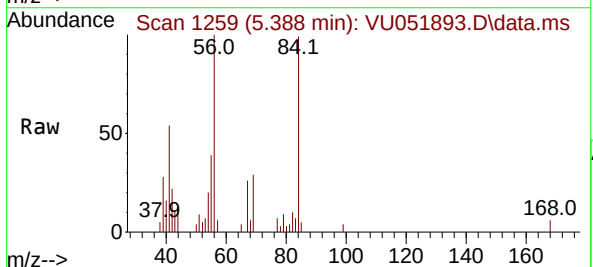
Manual Integrations
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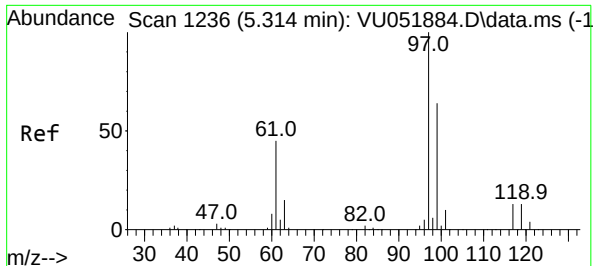
Reviewed By :Krupa Patel 11/18/2022
Supervised By :Mahesh Dadoda 11/18/2022



#29
Cyclohexane
Concen: 2.237 ug/L
RT: 5.388 min Scan# 1259
Delta R.T. 0.003 min
Lab File: VU051893.D
Acq: 17 Nov 2022 13:50

Tgt Ion: 56 Resp: 8984
Ion Ratio Lower Upper
56 100
69 30.2 25.4 38.2
84 97.1 71.4 107.0





#30

1,1,1-Trichloroethane

Concen: 2.498 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. -0.000 min

Lab File: VU051893.D

Acq: 17 Nov 2022 13:50

Instrument :

MSVOA_U

ClientSampleId :

MDL04

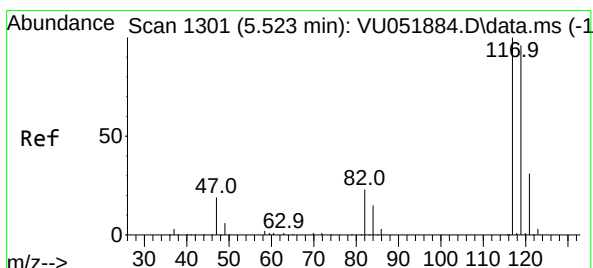
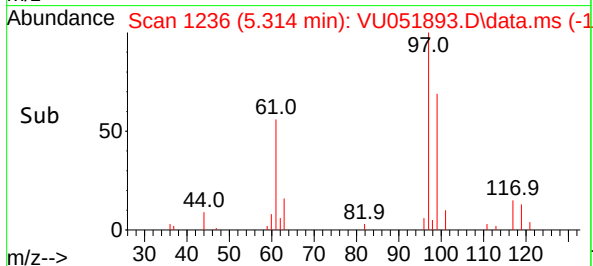
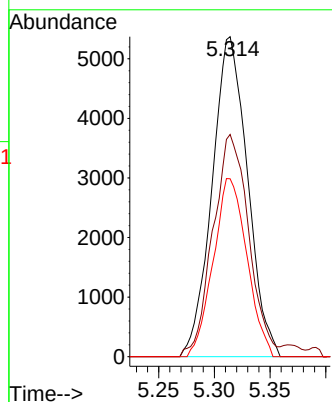
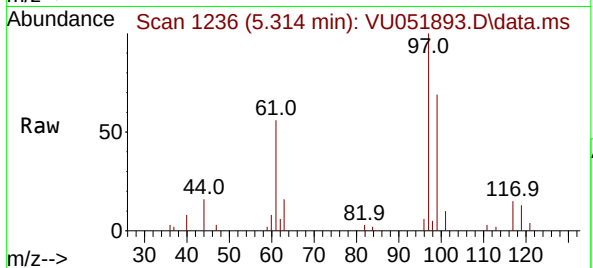
Tgt Ion: 97	Resp: 1188
Ion Ratio	Lower Upper
97 100	
99 70.4	51.2 76.8
61 52.8	37.4 56.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/18/2022

Supervised By :Mahesh Dadoda 11/18/2022



#31

Carbon tetrachloride

Concen: 2.669 ug/L

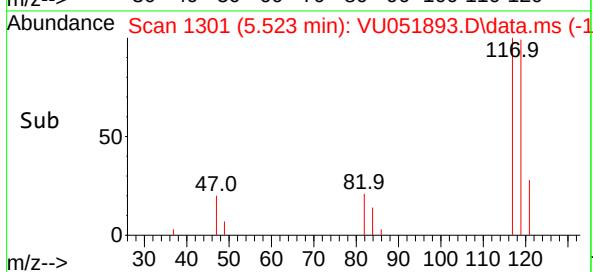
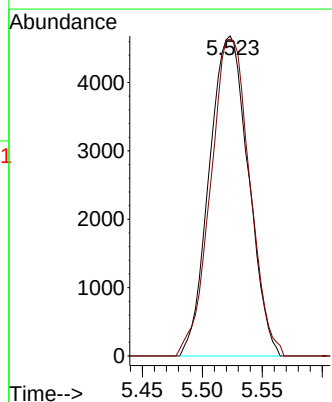
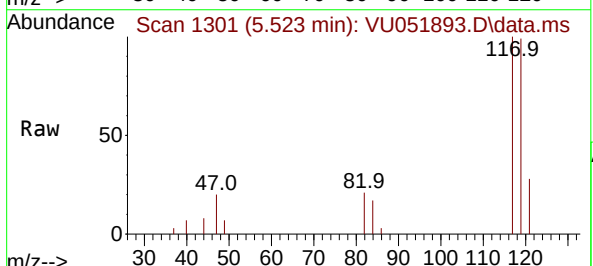
RT: 5.523 min Scan# 1301

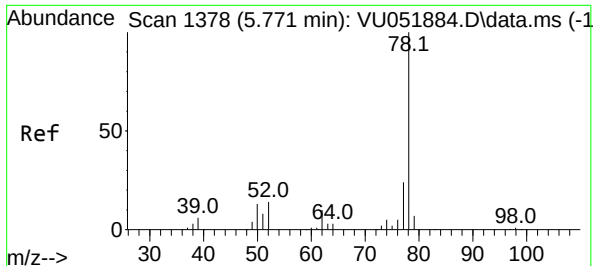
Delta R.T. -0.000 min

Lab File: VU051893.D

Acq: 17 Nov 2022 13:50

Tgt Ion:117	Resp: 10621
Ion Ratio	Lower Upper
117 100	
119 98.7	75.6 113.4





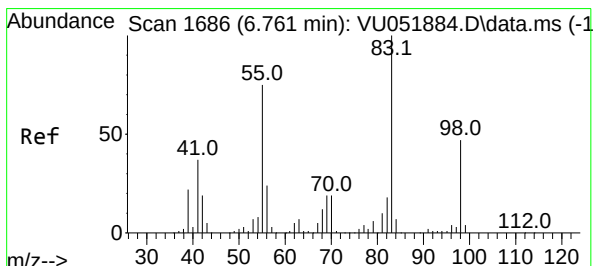
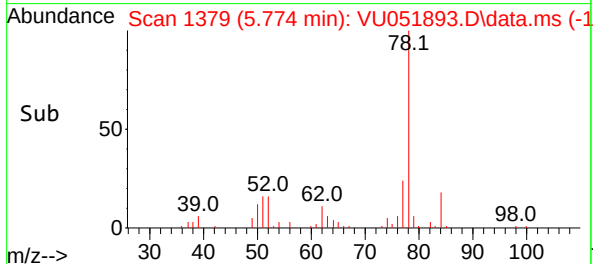
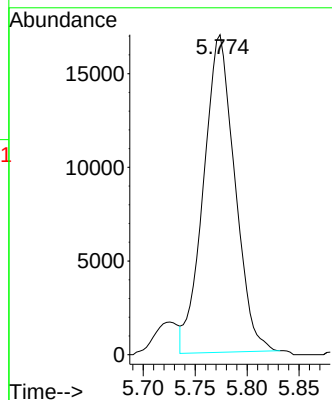
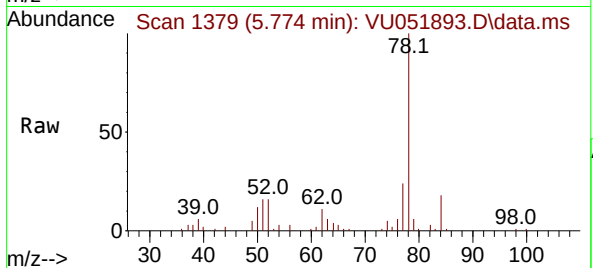
#33
Benzene
Concen: 2.618 ug/L
RT: 5.774 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU051893.D
Acq: 17 Nov 2022 13:50

Instrument :
MSVOA_U
ClientSampleId :
MDL04

Tgt Ion: 78 Resp: 3545

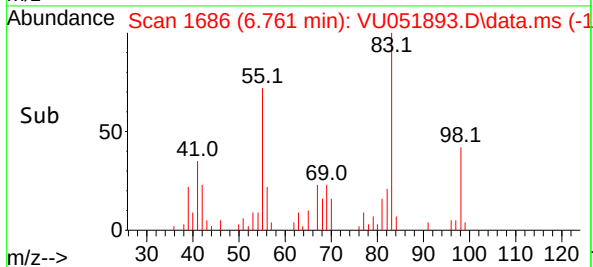
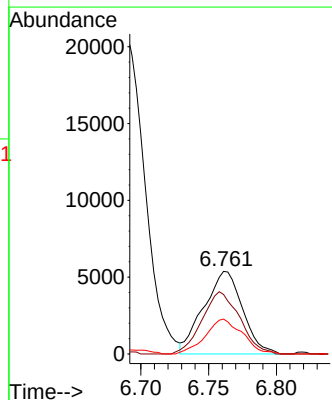
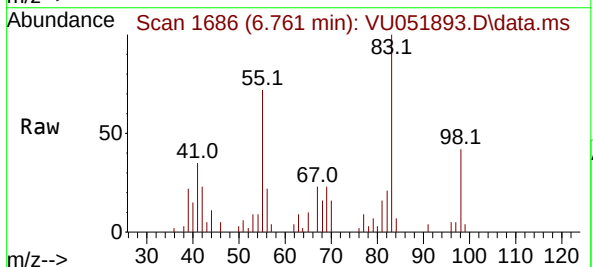
Manual Integrations
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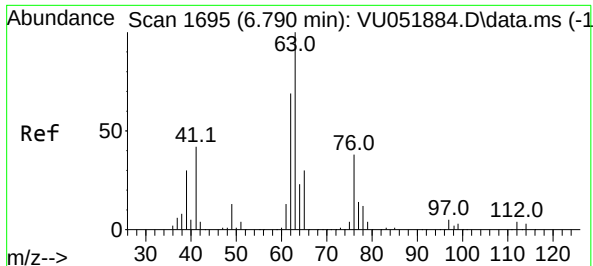
Reviewed By :Krupa Patel 11/18/2022
Supervised By :Mahesh Dadoda 11/18/2022



#35
Methylcyclohexane
Concen: 2.463 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VU051893.D
Acq: 17 Nov 2022 13:50

Tgt Ion: 83 Resp: 10715
Ion Ratio Lower Upper
83 100
55 73.0 60.0 90.0
98 40.3 35.8 53.8





#37

1,2-Dichloropropane

Concen: 2.583 ug/L

RT: 6.790 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU051893.D

Acq: 17 Nov 2022 13:50

Instrument :

MSVOA_U

ClientSampleId :

MDL04

Tgt Ion: 63 Resp: 9900

Ion Ratio Lower Upper

63 100

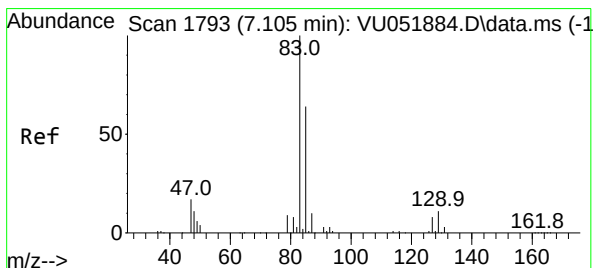
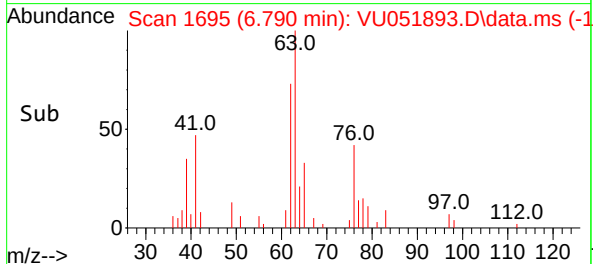
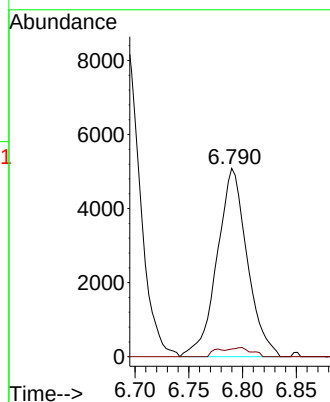
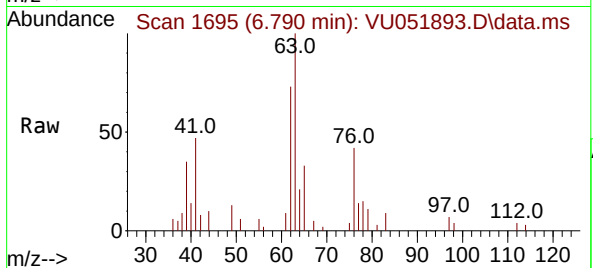
112 1.7 3.0 4.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/18/2022

Supervised By :Mahesh Dadoda 11/18/2022



#38

Bromodichloromethane

Concen: 2.606 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VU051893.D

Acq: 17 Nov 2022 13:50

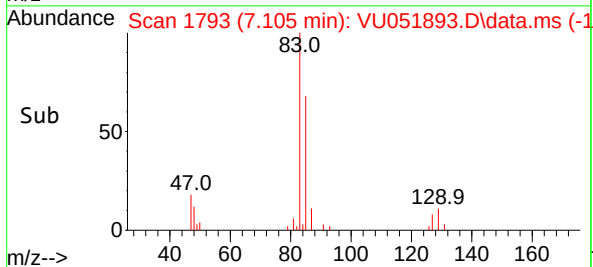
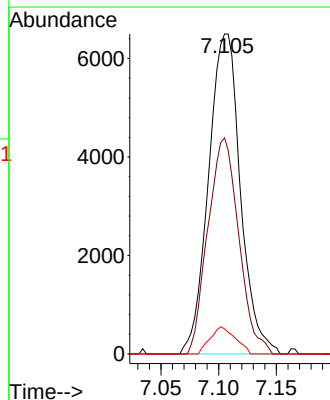
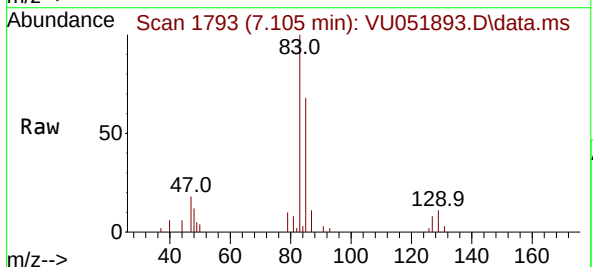
Tgt Ion: 83 Resp: 12501

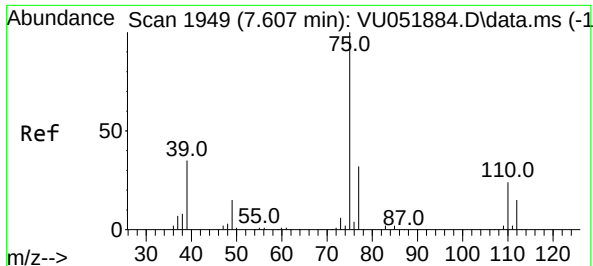
Ion Ratio Lower Upper

83 100

85 67.6 44.6 82.8

127 7.9 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 2.330 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VU051893.D

Acq: 17 Nov 2022 13:50

Instrument :

MSVOA_U

ClientSampleId :

MDL04

Tgt Ion: 75 Resp: 11689

Ion Ratio Lower Upper

75 100

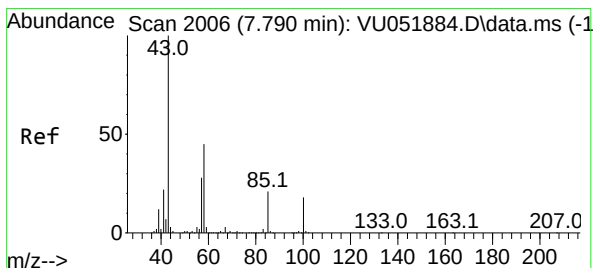
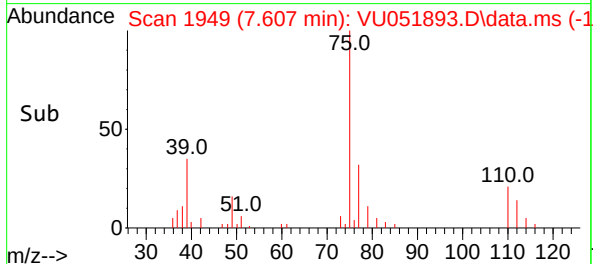
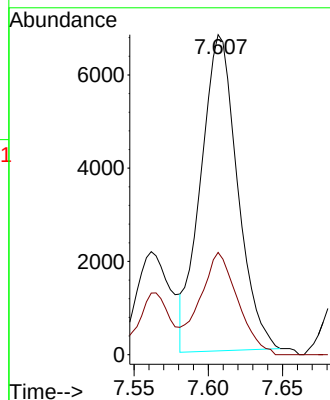
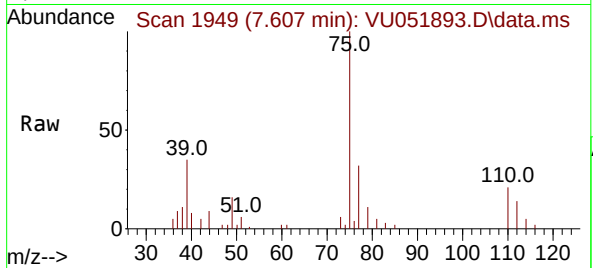
77 32.0 22.5 41.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/18/2022

Supervised By :Mahesh Dadoda 11/18/2022



#40

4-Methyl-2-pentanone

Concen: 4.274 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. -0.000 min

Lab File: VU051893.D

Acq: 17 Nov 2022 13:50

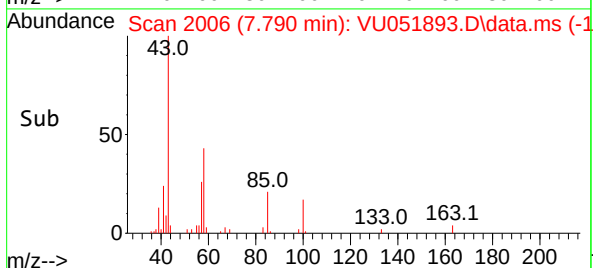
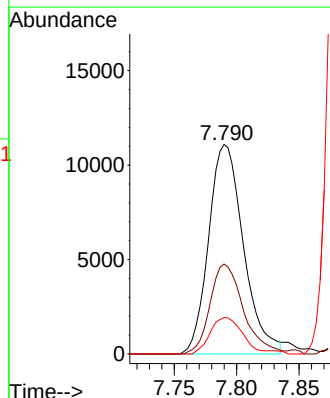
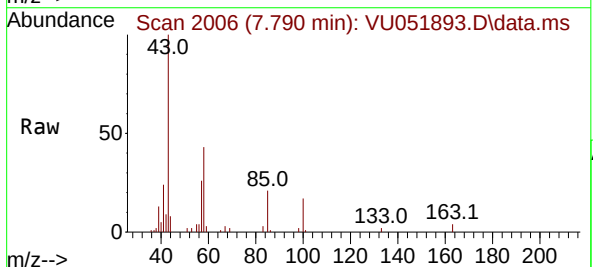
Tgt Ion: 43 Resp: 21581

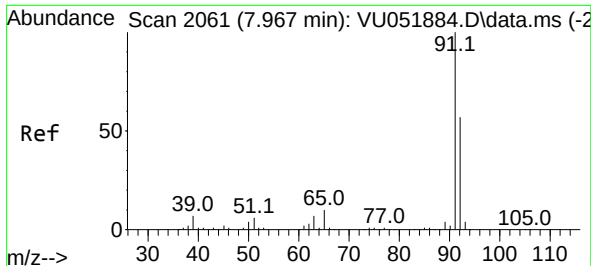
Ion Ratio Lower Upper

43 100

58 41.0 35.4 53.2

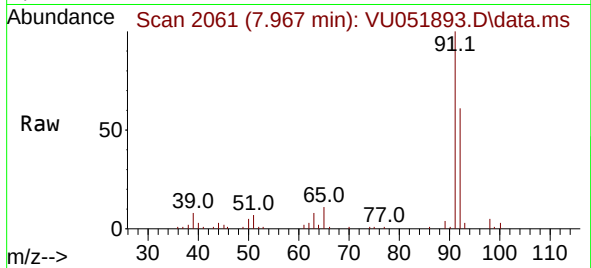
100 15.9 13.4 20.0





#42
Toluene
Concen: 2.382 ug/L
RT: 7.967 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VU051893.D
Acq: 17 Nov 2022 13:50

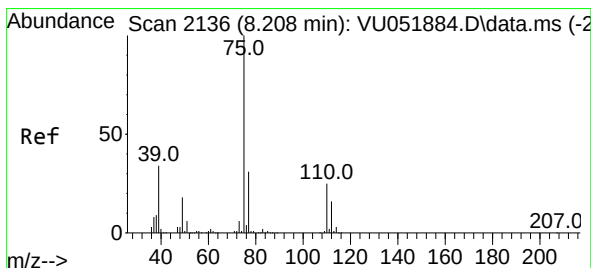
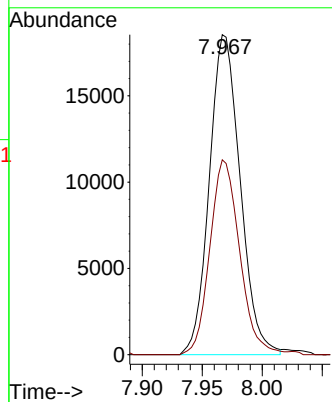
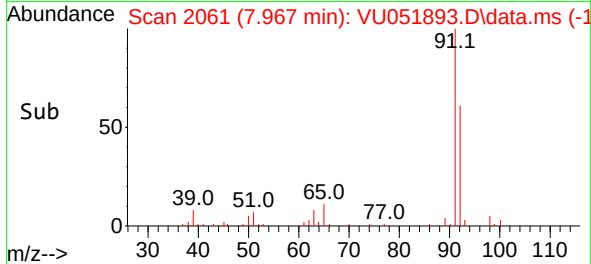
Instrument :
MSVOA_U
ClientSampleId :
MDL04



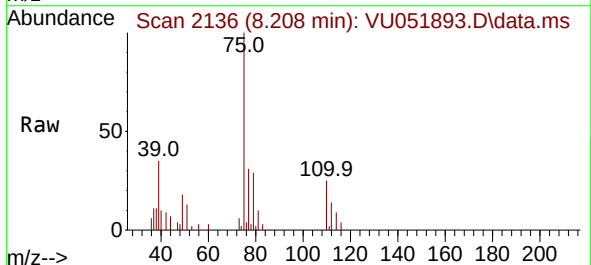
Tgt Ion: 91 Resp: 3317
Ion Ratio Lower Upper
91 100
92 60.9 39.5 73.4

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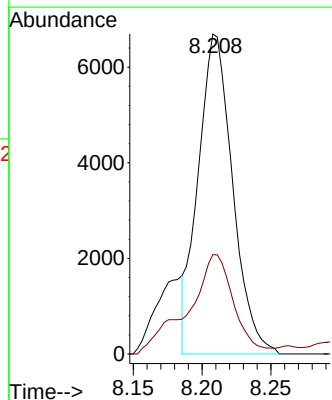
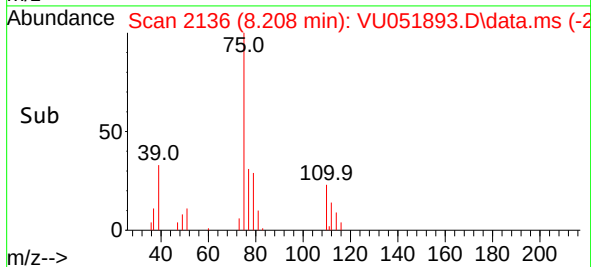
Reviewed By :Krupa Patel 11/18/2022
Supervised By :Mahesh Dadoda 11/18/2022

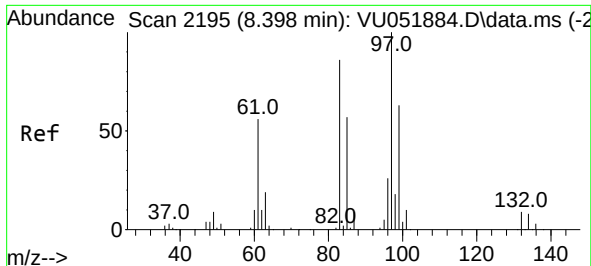


#44
trans-1,3-Dichloropropene
Concen: 2.429 ug/L m
RT: 8.208 min Scan# 2136
Delta R.T. -0.000 min
Lab File: VU051893.D
Acq: 17 Nov 2022 13:50



Tgt Ion: 75 Resp: 11677
Ion Ratio Lower Upper
75 100
77 31.1 21.8 40.6





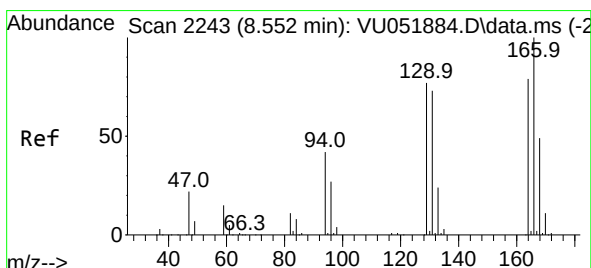
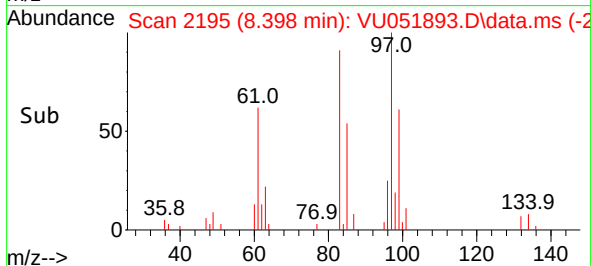
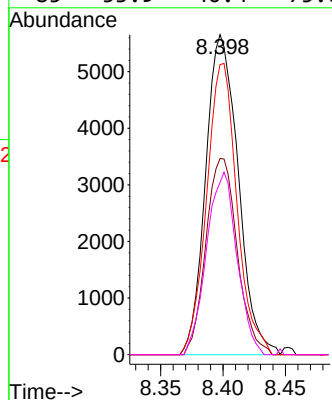
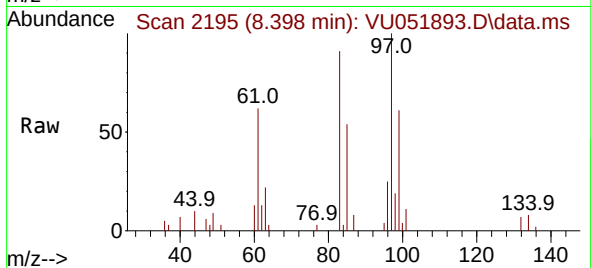
#45
1,1,2-Trichloroethane
Concen: 2.641 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. -0.000 min
Lab File: VU051893.D
Acq: 17 Nov 2022 13:50

Instrument : MSVOA_U
ClientSampleId : MDL04

Tgt Ion	Ratio	Lower	Upper
97	100		
99	61.3	44.3	82.3
83	90.6	62.3	115.7
85	53.9	40.4	75.0

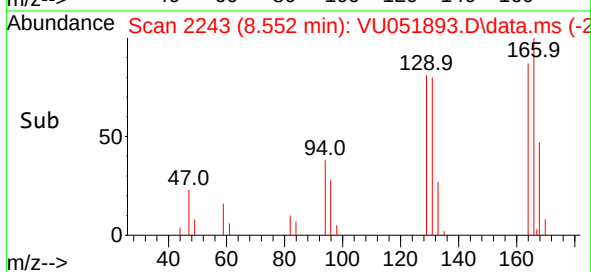
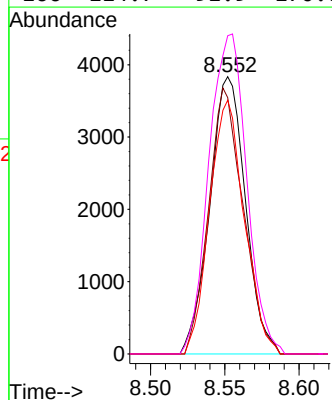
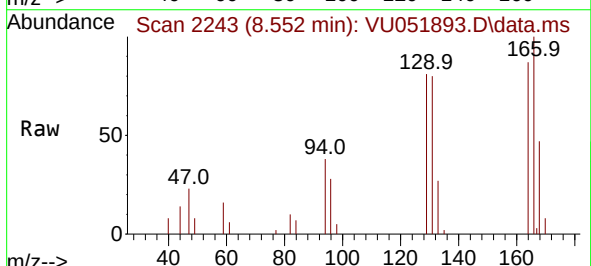
Manual Integrations
APPROVED

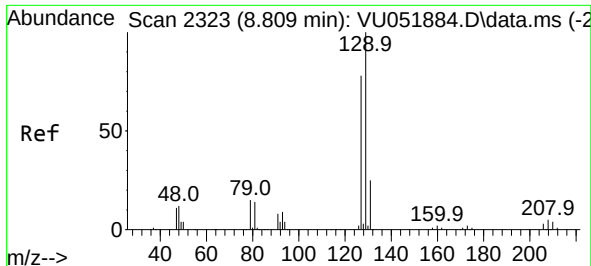
Reviewed By :Krupa Patel 11/18/2022
Supervised By :Mahesh Dadoda 11/18/2022



#46
Tetrachloroethene
Concen: 2.495 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU051893.D
Acq: 17 Nov 2022 13:50

Tgt Ion	Ratio	Lower	Upper
164	100		
129	92.4	68.5	127.1
131	91.5	66.6	123.8
166	114.7	91.9	170.7





#49

Dibromochloromethane

Concen: 2.449 ug/L

RT: 8.806 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU051893.D

Acq: 17 Nov 2022 13:50

Instrument :

MSVOA_U

ClientSampleId :

MDL04

Tgt Ion:129 Resp: 9840

Ion Ratio Lower Upper

129 100

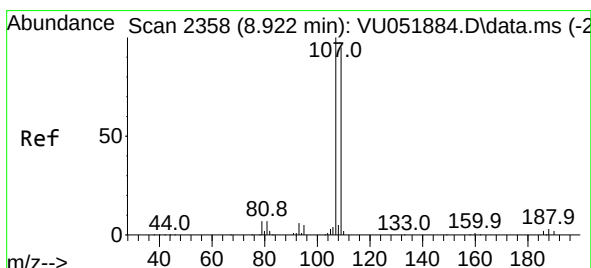
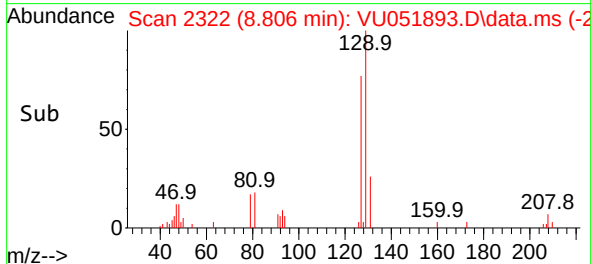
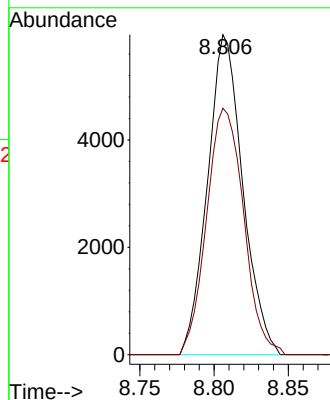
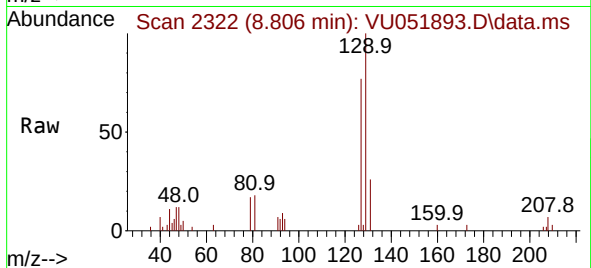
127 77.0 54.4 101.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/18/2022

Supervised By :Mahesh Dadoda 11/18/2022



#50

1,2-Dibromoethane

Concen: 2.464 ug/L

RT: 8.922 min Scan# 2358

Delta R.T. -0.000 min

Lab File: VU051893.D

Acq: 17 Nov 2022 13:50

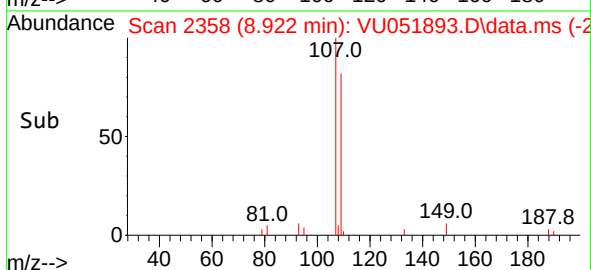
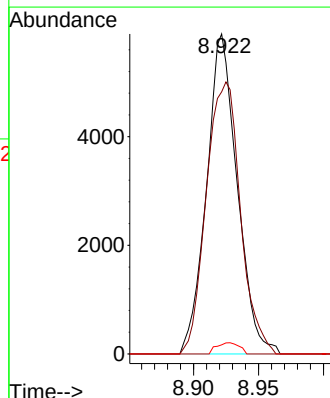
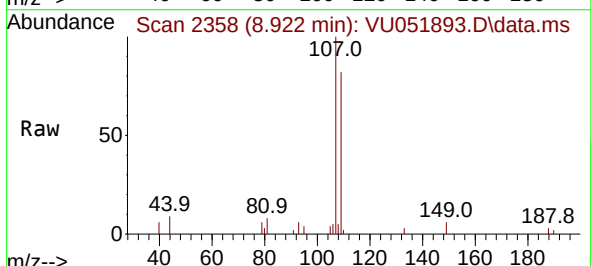
Tgt Ion:107 Resp: 9666

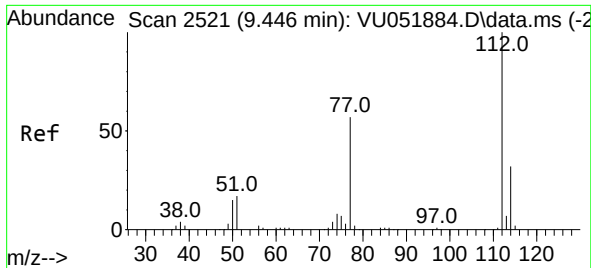
Ion Ratio Lower Upper

107 100

109 81.9 65.0 120.6

188 2.8 2.9 4.3#





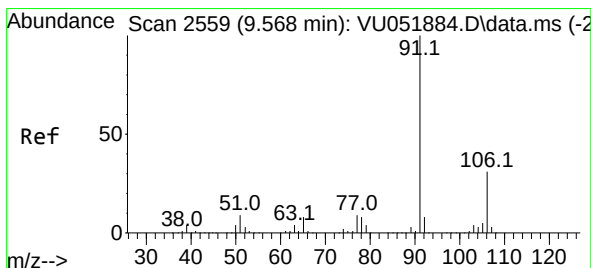
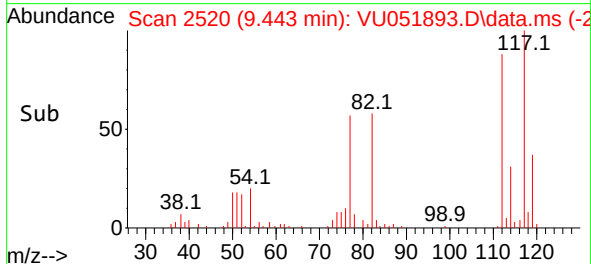
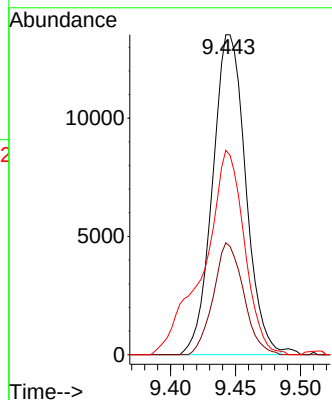
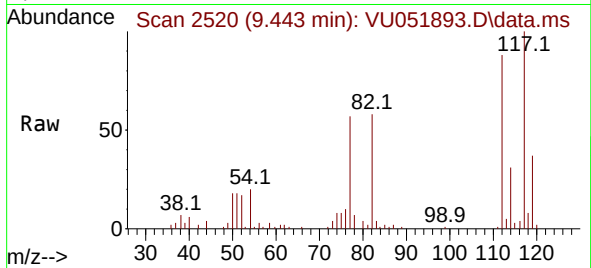
#51
Chlorobenzene
Concen: 2.514 ug/L
RT: 9.443 min Scan# 2521
Delta R.T. -0.003 min
Lab File: VU051893.D
Acq: 17 Nov 2022 13:50

Instrument : MSVOA_U
ClientSampleId : MDL04

Tgt Ion:112 Resp: 2392
Ion Ratio Lower Upper
112 100
114 35.0 22.2 41.2
77 63.9 46.7 70.1

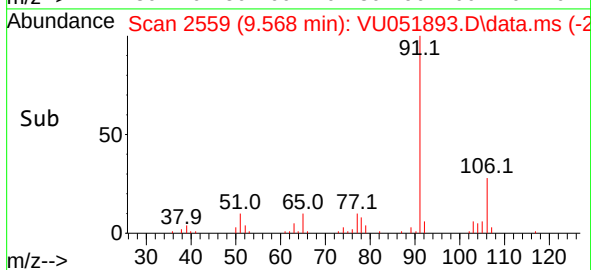
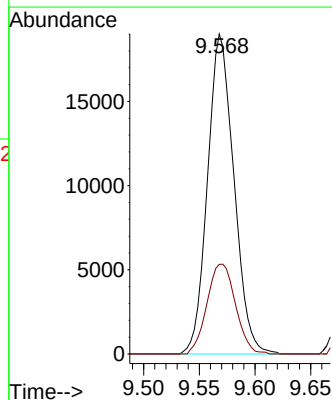
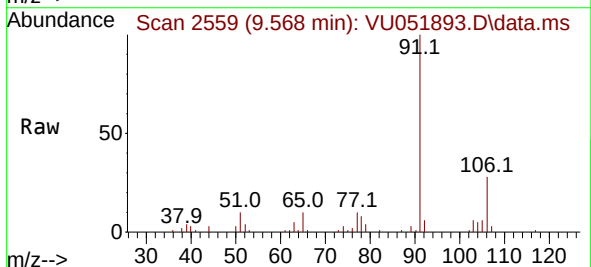
Manual Integrations
APPROVED

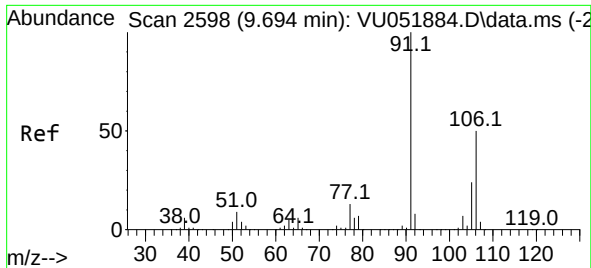
Reviewed By :Krupa Patel 11/18/2022
Supervised By :Mahesh Dadoda 11/18/2022



#52
Ethylbenzene
Concen: 2.197 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. -0.000 min
Lab File: VU051893.D
Acq: 17 Nov 2022 13:50

Tgt Ion: 91 Resp: 31322
Ion Ratio Lower Upper
91 100
106 28.0 21.3 39.6





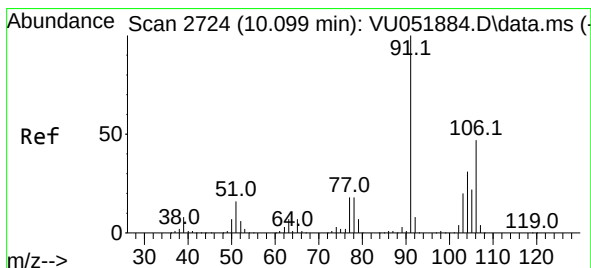
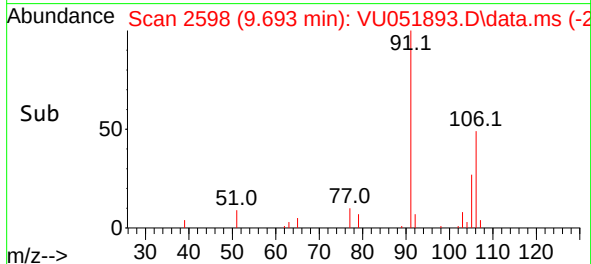
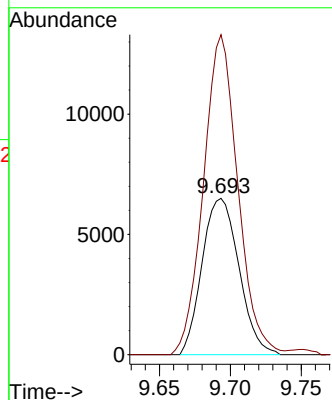
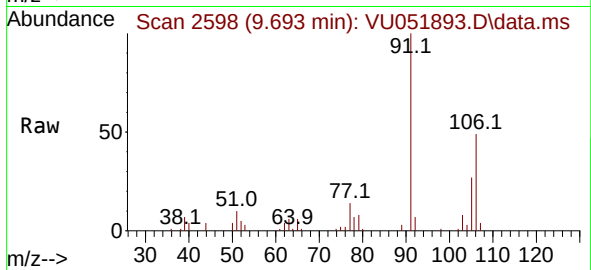
#53
m,p-Xylene
Concen: 2.132 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU051893.D
Acq: 17 Nov 2022 13:50

Instrument :
MSVOA_U
ClientSampleId :
MDL04

Tgt Ion:106 Resp: 11762
Ion Ratio Lower Upper
106 100
91 204.6 141.7 263.3

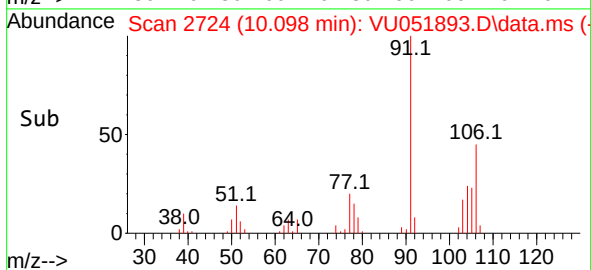
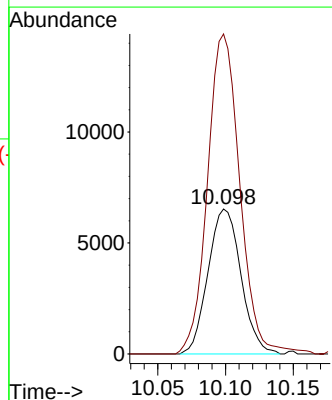
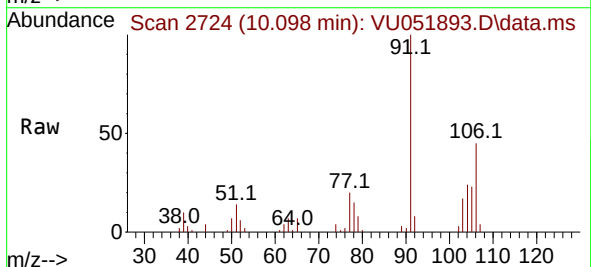
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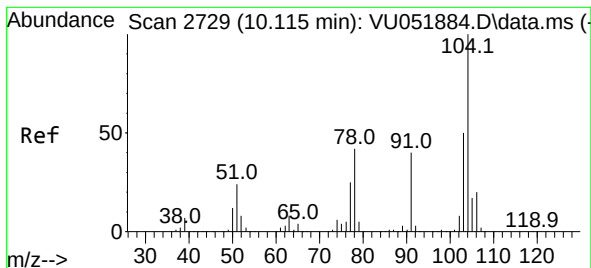
Reviewed By :Krupa Patel 11/18/2022
Supervised By :Mahesh Dadoda 11/18/2022



#54
o-Xylene
Concen: 1.967 ug/L
RT: 10.098 min Scan# 2724
Delta R.T. -0.000 min
Lab File: VU051893.D
Acq: 17 Nov 2022 13:50

Tgt Ion:106 Resp: 11044
Ion Ratio Lower Upper
106 100
91 220.8 149.7 278.1





#55

Styrene

Concen: 1.684 ug/L

RT: 10.115 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU051893.D

Acq: 17 Nov 2022 13:50

Instrument :

MSVOA_U

ClientSampleId :

MDL04

Tgt Ion:104 Resp: 1631

Ion Ratio Lower Upper

104 100

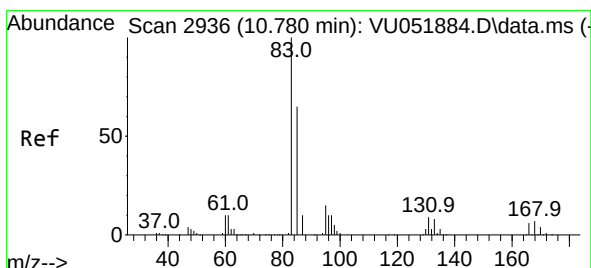
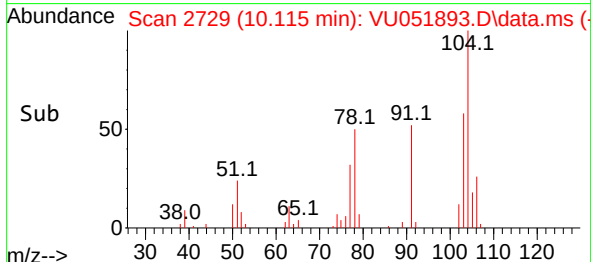
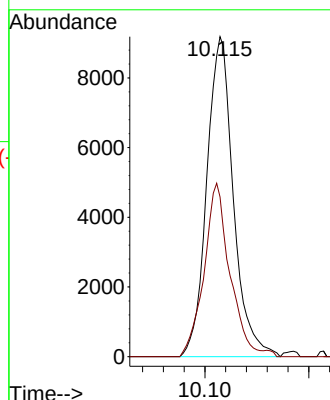
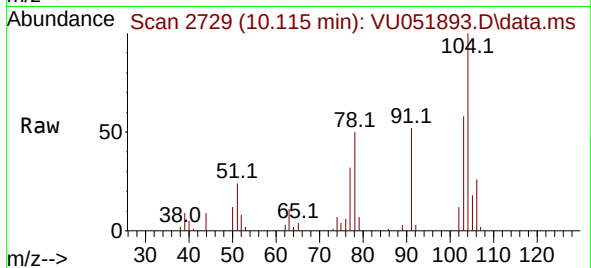
78 49.9 30.3 56.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/18/2022

Supervised By :Mahesh Dadoda 11/18/2022



#57

1,1,2,2-Tetrachloroethane

Concen: 2.491 ug/L

RT: 10.780 min Scan# 2936

Delta R.T. -0.000 min

Lab File: VU051893.D

Acq: 17 Nov 2022 13:50

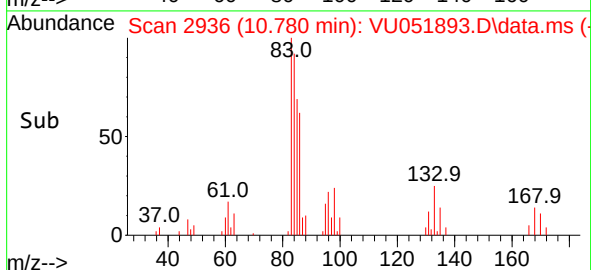
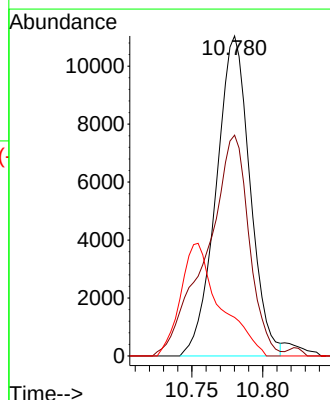
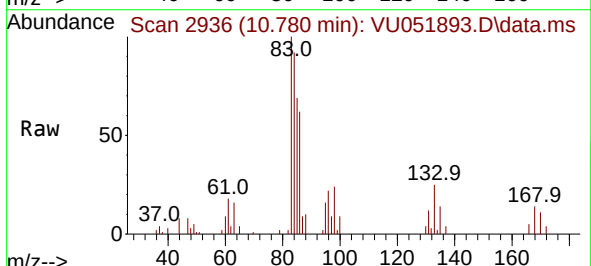
Tgt Ion: 83 Resp: 18340

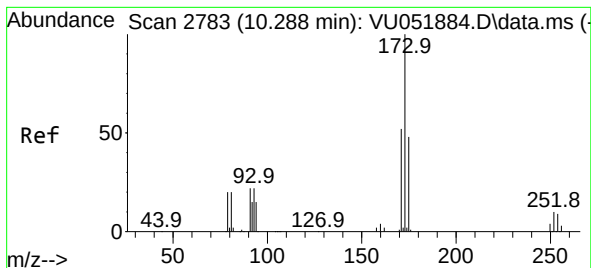
Ion Ratio Lower Upper

83 100

85 69.0 44.9 83.3

131 12.0 6.8 10.2#





#59

Bromoform

Concen: 2.870 ug/L

RT: 10.288 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU051893.D

Acq: 17 Nov 2022 13:50

Instrument :

MSVOA_U

ClientSampleId :

MDL04

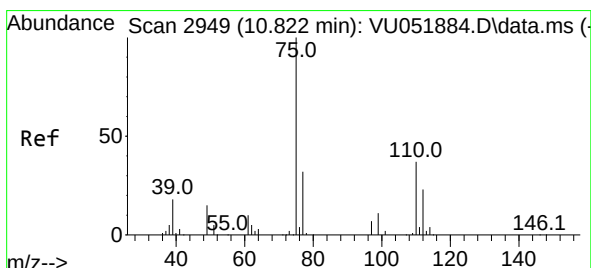
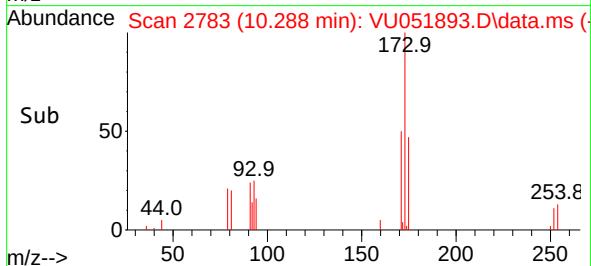
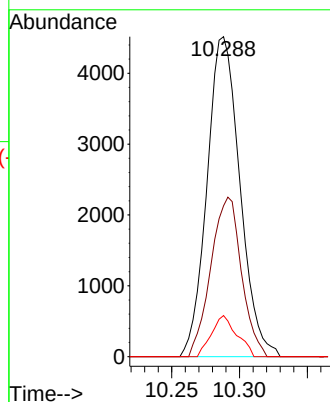
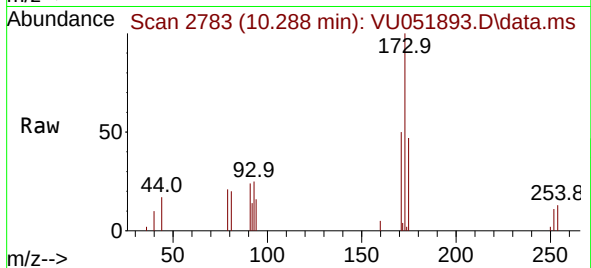
Tgt Ion:173	Resp:	762
Ion Ratio	Lower	Upper
173	100	
175	46.3	38.9 58.3
254	9.9	7.4 11.2

Manual Integrations

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Reviewed By :Krupa Patel 11/18/2022

Supervised By :Mahesh Dadoda 11/18/2022



#60

1,2,3-Trichloropropane

Concen: 2.868 ug/L

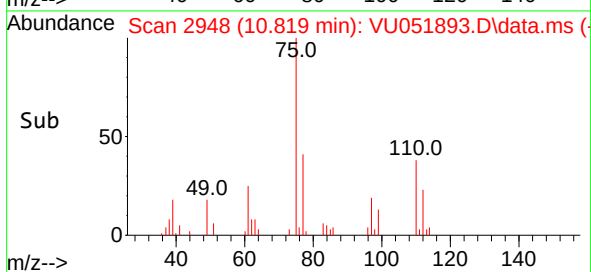
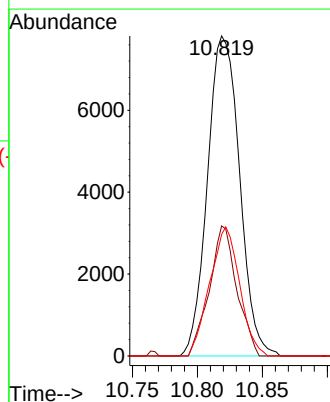
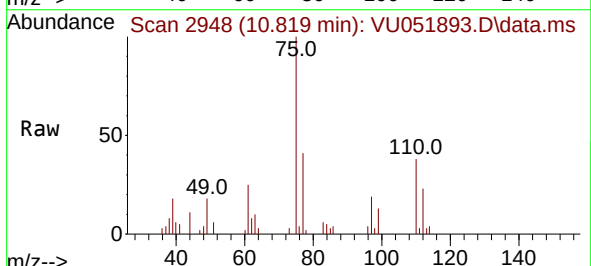
RT: 10.819 min Scan# 2948

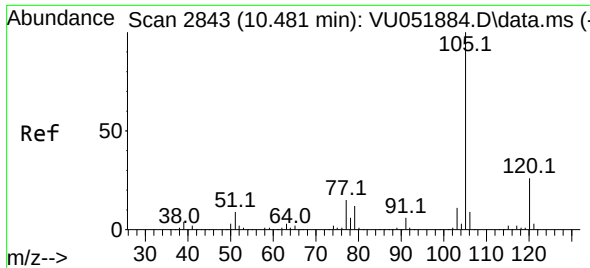
Delta R.T. -0.003 min

Lab File: VU051893.D

Acq: 17 Nov 2022 13:50

Tgt Ion: 75	Resp:	13438
Ion Ratio	Lower	Upper
75	100	
77	34.8	26.2 39.4
110	37.4	29.0 43.4





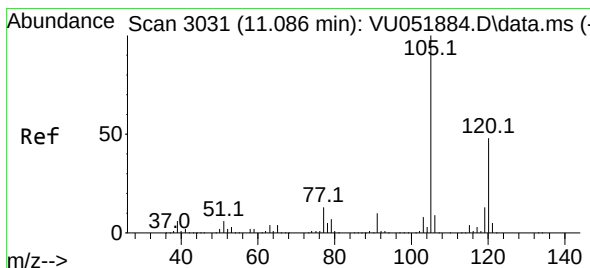
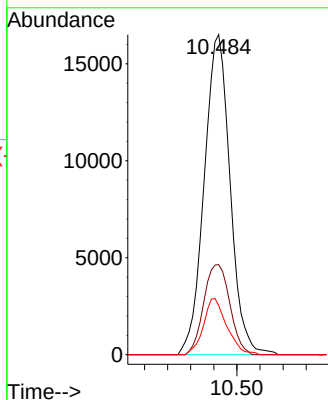
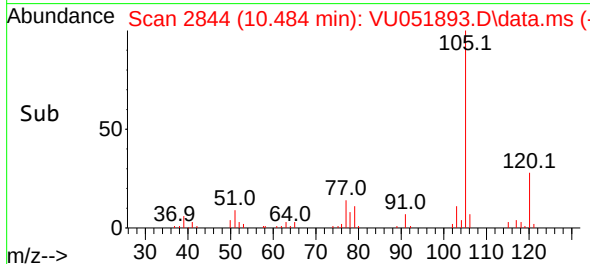
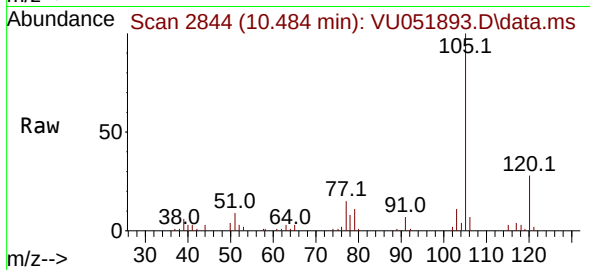
#61
Isopropylbenzene
Concen: 2.246 ug/L
RT: 10.484 min Scan# 2843
Delta R.T. 0.003 min
Lab File: VU051893.D
Acq: 17 Nov 2022 13:50

Instrument :
MSVOA_U
ClientSampleId :
MDL04

Tgt Ion:105 Resp: 2571
Ion Ratio Lower Upper
105 100
120 28.2 21.1 31.7
77 15.8 12.2 18.4

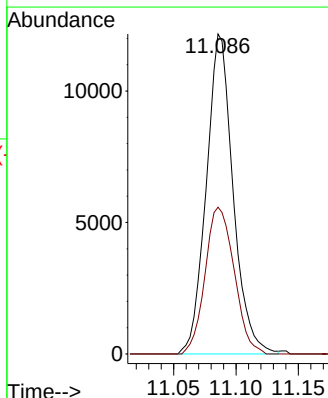
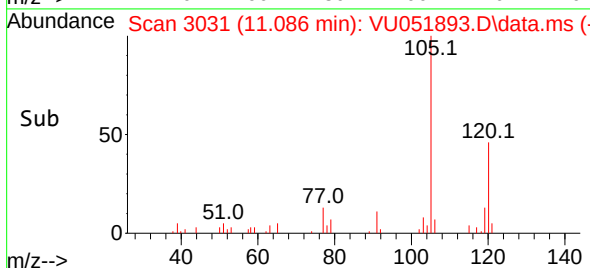
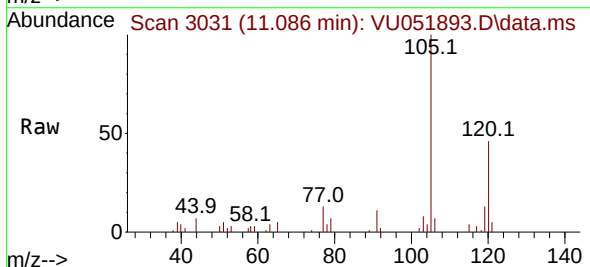
Manual Integrations
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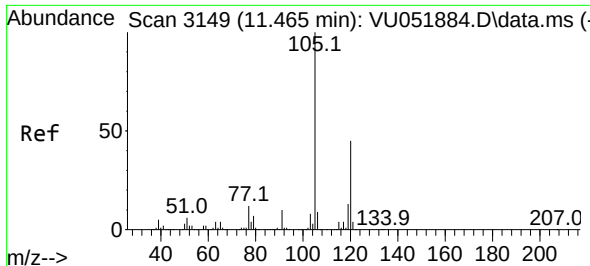
Reviewed By :Krupa Patel 11/18/2022
Supervised By :Mahesh Dadoda 11/18/2022



#62
1,3,5-Trimethylbenzene
Concen: 1.954 ug/L
RT: 11.086 min Scan# 3031
Delta R.T. -0.000 min
Lab File: VU051893.D
Acq: 17 Nov 2022 13:50

Tgt Ion:105 Resp: 18226
Ion Ratio Lower Upper
105 100
120 49.7 39.1 58.7





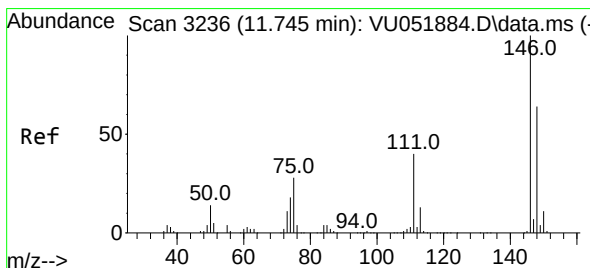
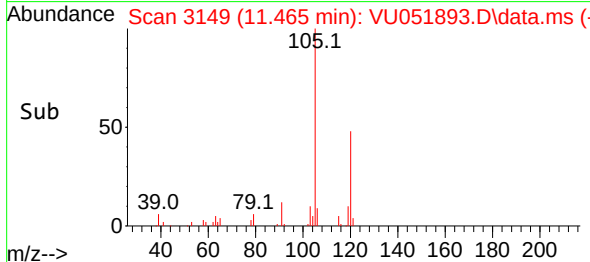
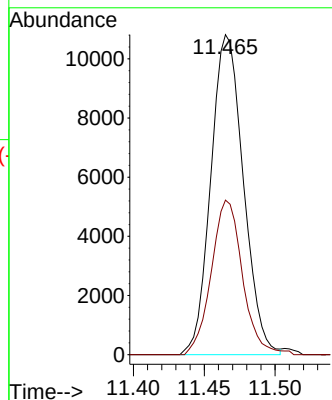
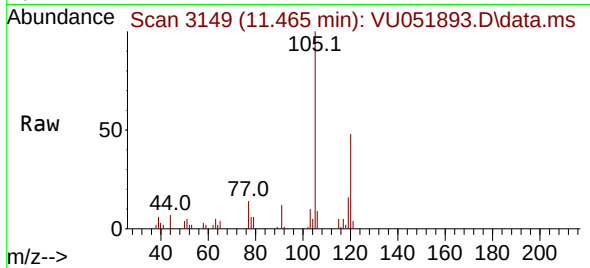
#63
1,2,4-Trimethylbenzene
Concen: 1.896 ug/L
RT: 11.465 min Scan# 3149
Delta R.T. -0.000 min
Lab File: VU051893.D
Acq: 17 Nov 2022 13:50

Instrument :
MSVOA_U
ClientSampleId :
MDL04

Tgt Ion:105 Resp: 17280
Ion Ratio Lower Upper
105 100
120 46.1 36.2 54.2

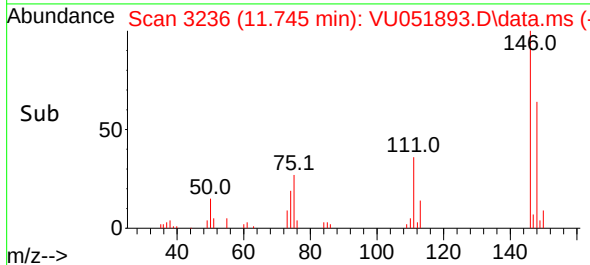
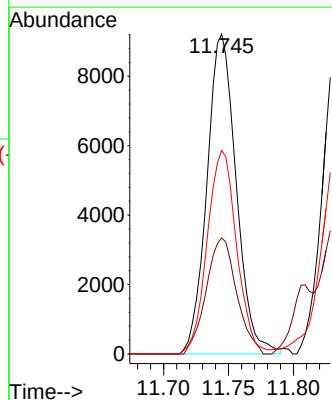
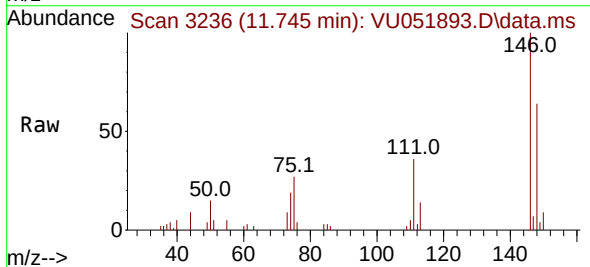
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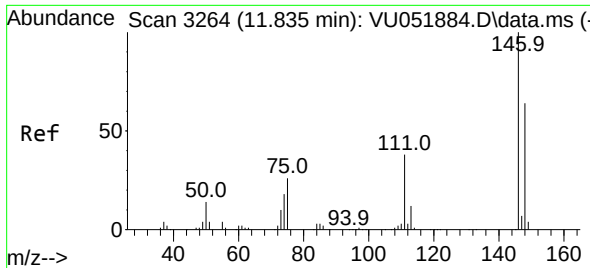
Reviewed By :Krupa Patel 11/18/2022
Supervised By :Mahesh Dadoda 11/18/2022



#64
1,3-Dichlorobenzene
Concen: 2.487 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. -0.000 min
Lab File: VU051893.D
Acq: 17 Nov 2022 13:50

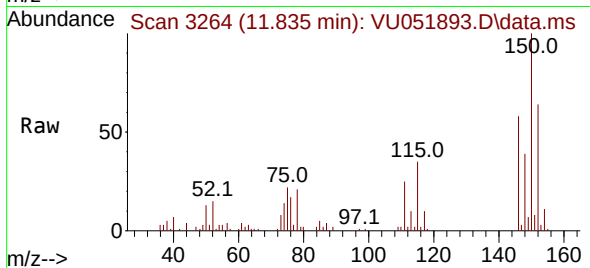
Tgt Ion:146 Resp: 14430
Ion Ratio Lower Upper
146 100
111 36.3 28.1 52.1
148 63.6 44.4 82.4





#65
1,4-Dichlorobenzene
Concen: 2.513 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.000 min
Lab File: VU051893.D
Acq: 17 Nov 2022 13:50

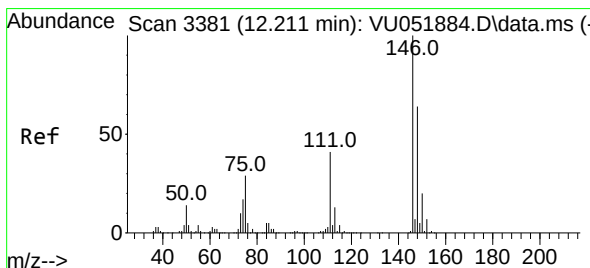
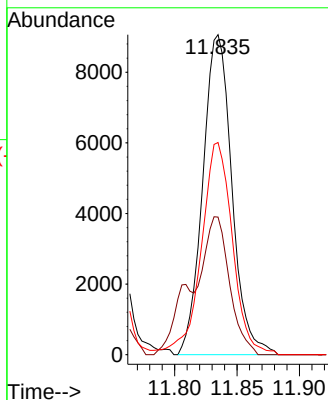
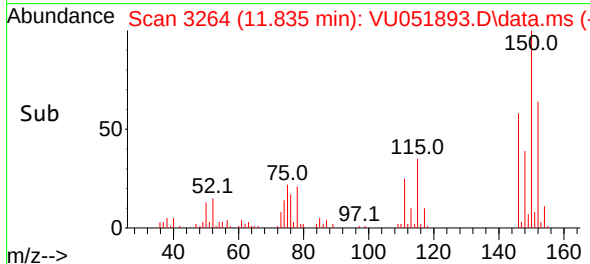
Instrument :
MSVOA_U
ClientSampleId :
MDL04



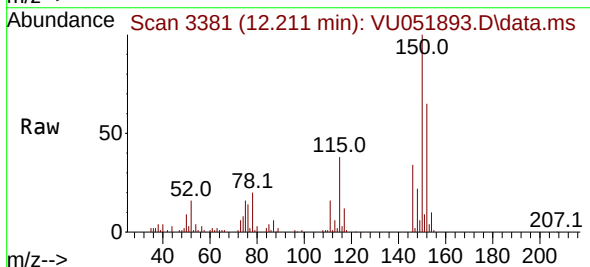
Tgt Ion:146 Resp: 14768
Ion Ratio Lower Upper
146 100
111 43.0 26.7 49.5
148 66.3 44.4 82.4

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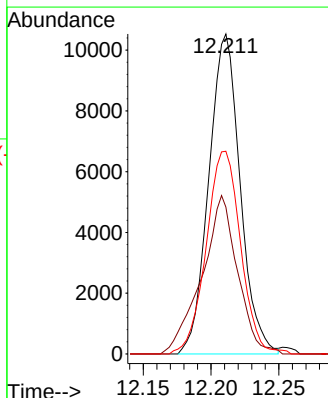
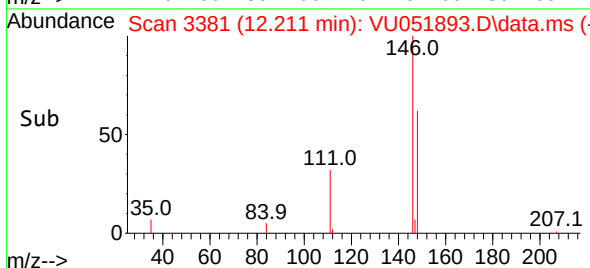
Reviewed By :Krupa Patel 11/18/2022
Supervised By :Mahesh Dadoda 11/18/2022

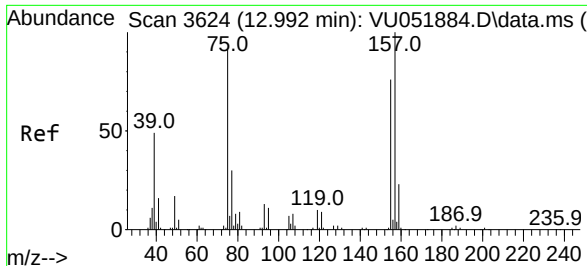


#67
1,2-Dichlorobenzene
Concen: 2.747 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. -0.000 min
Lab File: VU051893.D
Acq: 17 Nov 2022 13:50



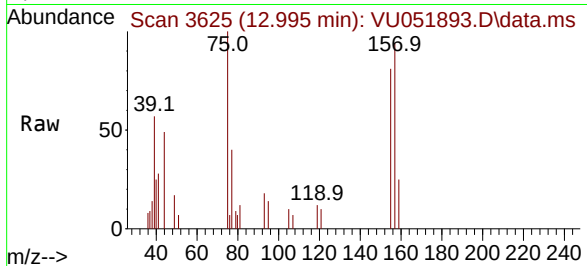
Tgt Ion:146 Resp: 16951
Ion Ratio Lower Upper
146 100
111 45.9 33.6 50.4
148 63.4 50.9 76.3





#68
 1,2-Dibromo-3-chloropropane
 Concen: 2.577 ug/L
 RT: 12.995 min Scan# 3092
 Delta R.T. 0.003 min
 Lab File: VU051893.D
 Acq: 17 Nov 2022 13:50

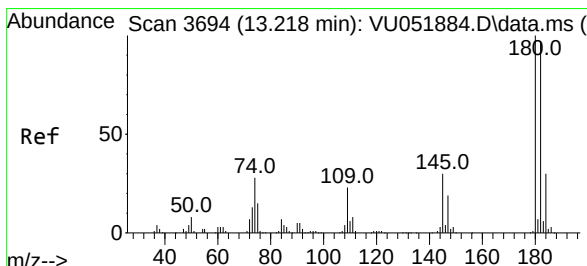
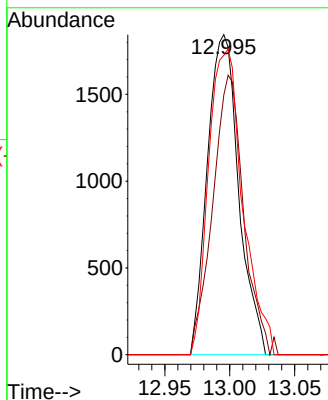
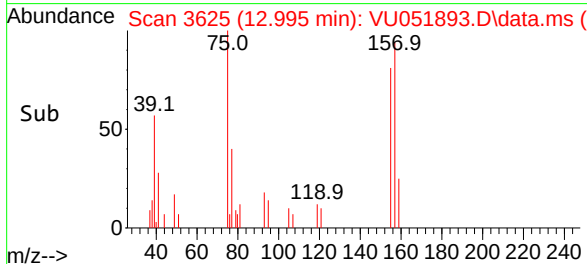
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL04



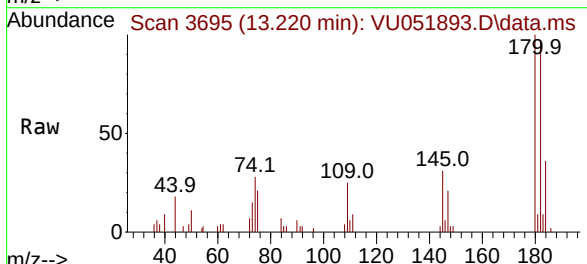
Tgt Ion: 75 Resp: 3092
 Ion Ratio Lower Upper
 75 100
 155 81.1 63.0 94.6
 157 93.5 79.4 119.0

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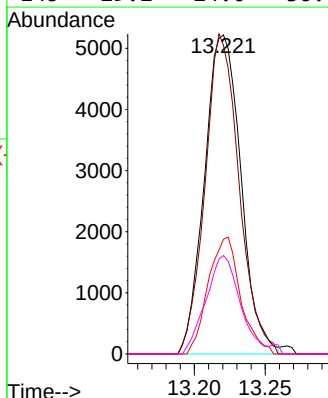
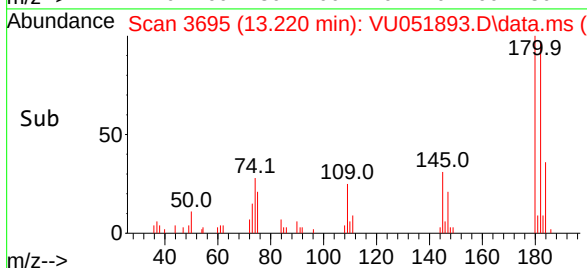
Reviewed By :Krupa Patel 11/18/2022
 Supervised By :Mahesh Dadoda 11/18/2022

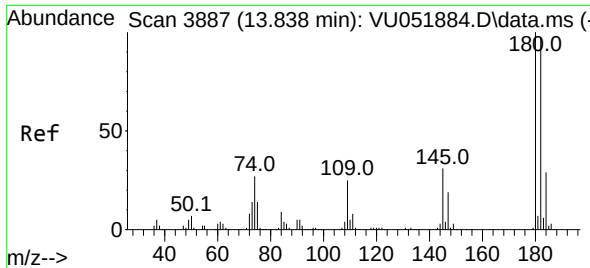


#69
 1,3,5-Trichlorobenzene
 Concen: 2.418 ug/L
 RT: 13.220 min Scan# 3695
 Delta R.T. 0.003 min
 Lab File: VU051893.D
 Acq: 17 Nov 2022 13:50



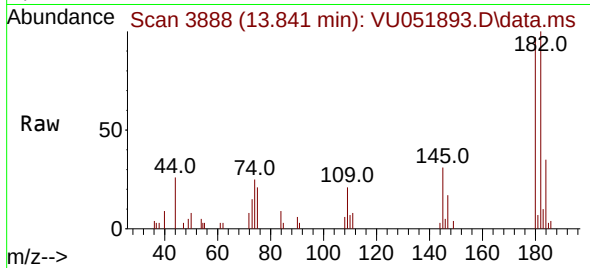
Tgt Ion:180 Resp: 9311
 Ion Ratio Lower Upper
 180 100
 182 93.4 77.0 115.4
 184 32.5 23.8 35.8
 145 29.2 24.0 36.0





#70
1,2,4-trichlorobenzene
Concen: 2.278 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. 0.003 min
Lab File: VU051893.D
Acq: 17 Nov 2022 13:50

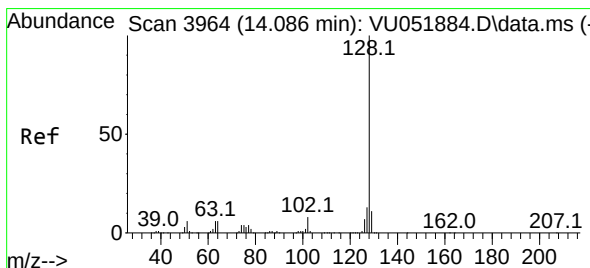
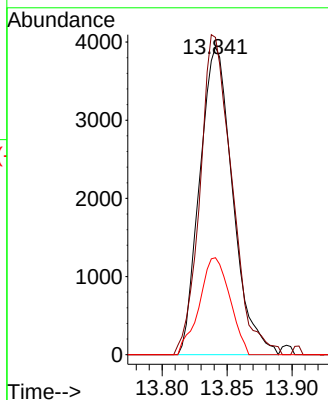
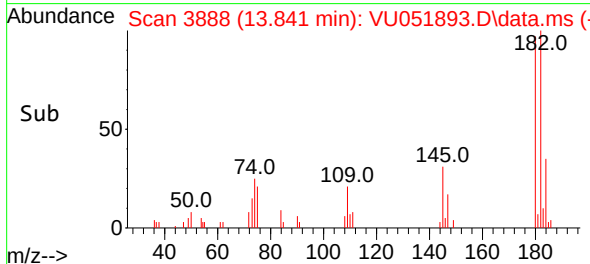
Instrument :
MSVOA_U
ClientSampleId :
MDL04



Tgt Ion:180 Resp: 6952
Ion Ratio Lower Upper
180 100
182 100.4 76.4 114.6
145 29.2 24.2 36.2

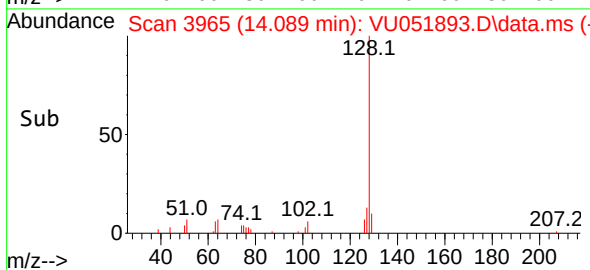
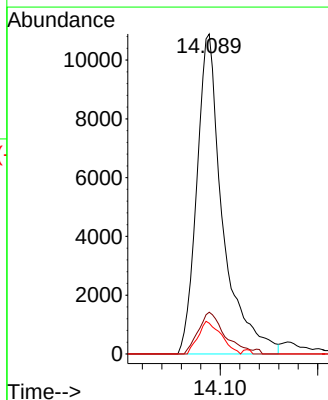
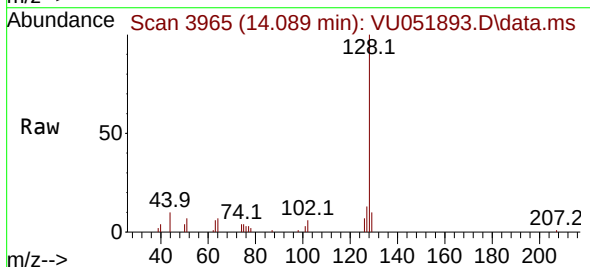
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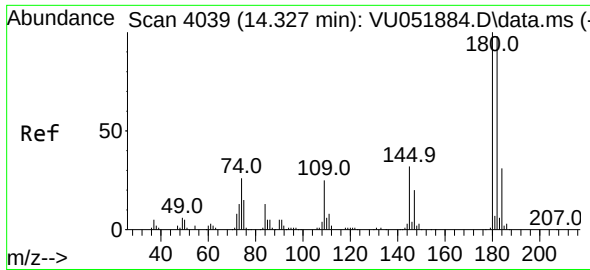
Reviewed By :Krupa Patel 11/18/2022
Supervised By :Mahesh Dadoda 11/18/2022



#71
Naphthalene
Concen: 2.001 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. 0.003 min
Lab File: VU051893.D
Acq: 17 Nov 2022 13:50

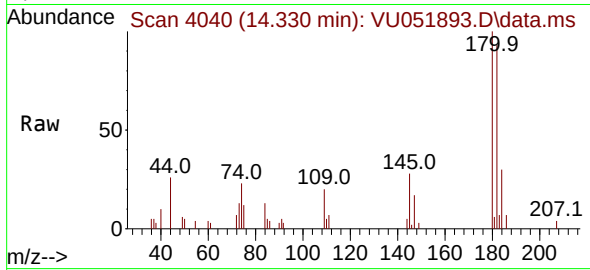
Tgt Ion:128 Resp: 20079
Ion Ratio Lower Upper
128 100
127 13.4 10.4 15.6
129 9.0 8.5 12.7





#72
 1,2,3-Trichlorobenzene
 Concen: 2.325 ug/L
 RT: 14.330 min Scan# 4039
 Delta R.T. 0.003 min
 Lab File: VU051893.D
 Acq: 17 Nov 2022 13:50

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL04



Tgt Ion:180 Resp: 776
 Ion Ratio Lower Upper
 180 100
 182 96.1 76.9 115.3
 145 16.3 24.9 37.3

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

