

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW030222\
 Data File : VW024856.D
 Acq On : 02 Mar 2022 18:54
 Operator : SY/MD
 Sample : MDL01
 Misc : 5.00g/10mL/MSVOA_V/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/03/2022
 Supervised By : Mahesh Dadoda 03/03/2022

Quant Time: Mar 03 04:00:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM030222SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 03 02:51:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	307484	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	287482	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	136652	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	141999	26.037	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 104.160%	
7) Chloroethane-d5	1.568	69	107630	26.520	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 106.080%	
11) 1,1-Dichloroethene-d2	2.105	63	176370	20.225	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 80.920%	
21) 2-Butanone-d5	3.902	46	70737	43.838	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 87.680%	
24) Chloroform-d	4.346	84	226109	26.264	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 105.040%	
26) 1,2-Dichloroethane-d4	5.031	65	124636	27.330	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 109.320%	
32) Benzene-d6	5.047	84	485711	27.304	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 109.200%	
36) 1,2-Dichloropropane-d6	6.066	67	148851	28.157	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 112.640%	
41) Toluene-d8	7.313	98	428866	26.693	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 106.760%	
43) trans-1,3-Dichloroprop...	7.619	79	59666	26.283	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 105.120%	
47) 2-Hexanone-d5	8.088	63	53380	44.067	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 88.140%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	117116	25.104	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 100.400%	
66) 1,2-Dichlorobenzene-d4	11.622	152	144878	27.491	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 109.960%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	4625	0.931	ug/L	95
3) Chloromethane	1.240	50	5194	1.088	ug/L	97
5) Vinyl chloride	1.310	62	5393	1.063	ug/L #	49
8) Chloroethane	1.584	64	3124	1.016	ug/L	98
9) Trichlorofluoromethane	1.754	101	6785	1.011	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	5493	1.360	ug/L #	77
12) 1,1-Dichloroethene	2.114	96	4776	1.267	ug/L #	1
13) Acetone	2.208	43	2346m	2.103	ug/L	
14) Carbon disulfide	2.291	76	12063	0.916	ug/L	97
15) Methyl Acetate	2.445	43	2235m	0.928	ug/L	
16) Methylene chloride	2.507	84	8217	1.789	ug/L	96
17) trans-1,2-Dichloroethene	2.761	96	3862	0.906	ug/L	91
18) Methyl tert-butyl Ether	2.770	73	9685	0.959	ug/L	98
19) 1,1-Dichloroethane	3.195	63	7228	0.978	ug/L	95
20) cis-1,2-Dichloroethene	3.915	96	4511	1.018	ug/L	91
23) Bromochloromethane	4.249	128	1857m	0.929	ug/L	
25) Chloroform	4.371	83	11719	1.567	ug/L	95
27) 1,2-Dichloroethane	5.140	62	5354	1.143	ug/L	99
29) Cyclohexane	4.677	56	6364	0.910	ug/L	99

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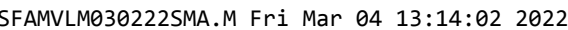
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

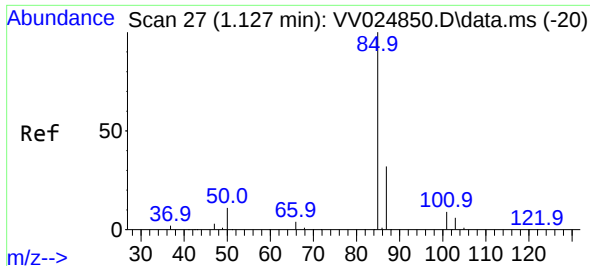
30) 1,1,1-Trichloroethane	4.609	97	5901	0.903	ug/L	96
31) Carbon tetrachloride	4.834	117	5071	0.900	ug/L	98
33) Benzene	5.101	78	16296	0.982	ug/L	100
34) Trichloroethene	5.921	95	5137	1.074	ug/L	94
35) Methylcyclohexane	6.127	83	7089	0.901	ug/L	97
37) 1,2-Dichloropropane	6.182	63	4147	1.039	ug/L #	86
38) Bromodichloromethane	6.513	83	5307	1.023	ug/L	98
39) cis-1,3-Dichloropropene	7.037	75	6007	1.009	ug/L	94
40) 4-Methyl-2-pentanone	7.236	43	4805	1.576	ug/L	98
42) Toluene	7.391	91	23578	1.352	ug/L	98
44) trans-1,3-Dichloropropene	7.654	75	5045m	0.956	ug/L	
45) 1,1,2-Trichloroethane	7.847	97	3528	1.031	ug/L	97
46) Tetrachloroethene	7.976	164	2863	0.923	ug/L	96
48) 2-Hexanone	8.146	43	7984	3.756	ug/L #	81
49) Dibromochloromethane	8.249	129	3457	0.963	ug/L	98
50) 1,2-Dibromoethane	8.355	107	3194	0.940	ug/L #	88
51) Chlorobenzene	8.879	112	11300	1.009	ug/L	95
52) Ethylbenzene	9.014	91	17410	0.917	ug/L	98
53) m,p-Xylene	9.143	106	6809	0.939	ug/L	99
54) o-Xylene	9.545	106	6162	0.907	ug/L	97
55) Styrene	9.567	104	10220	0.881	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.236	83	4441	1.137	ug/L #	95
59) Bromoform	9.735	173	1627	0.887	ug/L #	95
60) Isopropylbenzene	9.931	105	15719	0.874	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	3233	0.968	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	13432	0.997	ug/L	96
63) 1,2,4-Trimethylbenzene	10.915	105	13898	0.934	ug/L	99
64) 1,3-Dichlorobenzene	11.185	146	8229	1.014	ug/L	97
65) 1,4-Dichlorobenzene	11.271	146	8871	1.077	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	7849	1.047	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.429	75	573m	0.836	ug/L	
69) 1,3,5-Trichlorobenzene	12.644	180	5590	0.969	ug/L	97
70) 1,2,4-trichlorobenzene	13.262	180	4860	0.968	ug/L	96
71) Naphthalene	13.503	128	10711	0.864	ug/L #	94
72) 1,2,3-Trichlorobenzene	13.744	180	4330	0.933	ug/L	98

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

Manual Integrations

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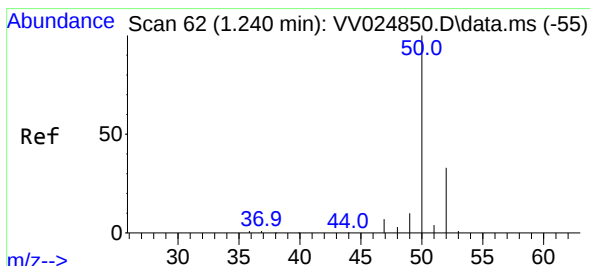
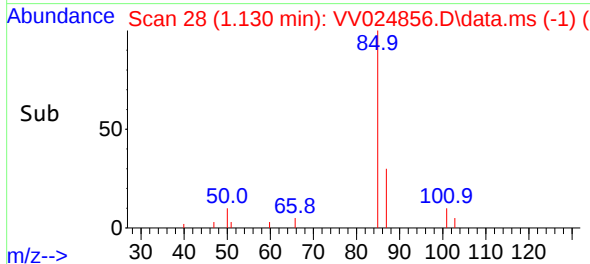
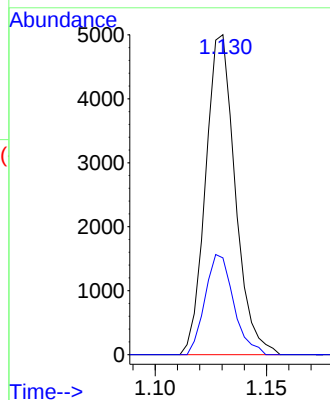
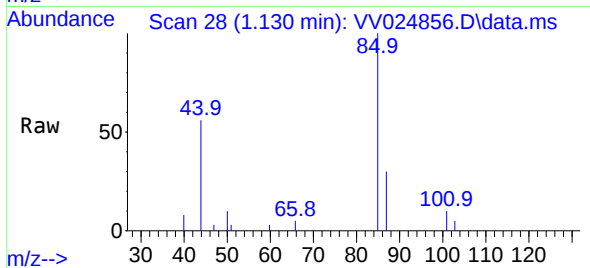
#2
Dichlorodifluoromethane
Concen: 0.931 ug/L
RT: 1.130 min Scan# 27
Delta R.T. 0.003 min
Lab File: VV024856.D
Acq: 02 Mar 2022 18:54

Instrument :
MSVOA_V
ClientSampleId :
MDL01

Tgt Ion: 85 Resp: 462
Ion Ratio Lower Upper
85 100
87 30.2 26.2 39.4

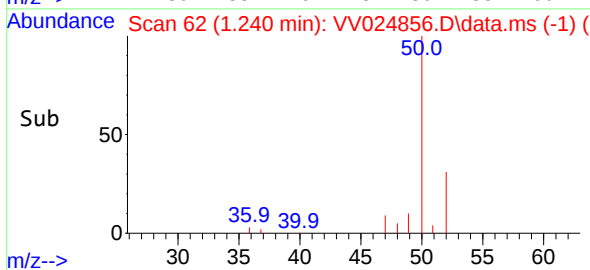
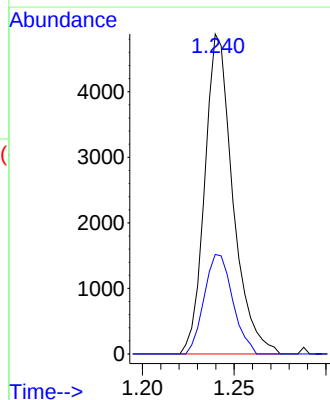
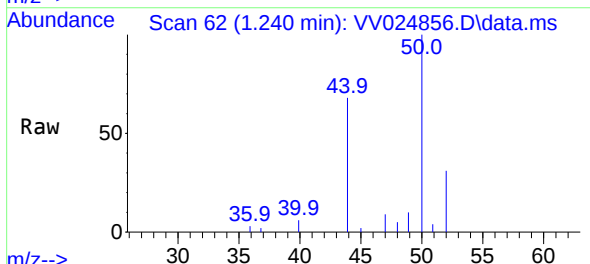
Manual Integrations
APPROVED

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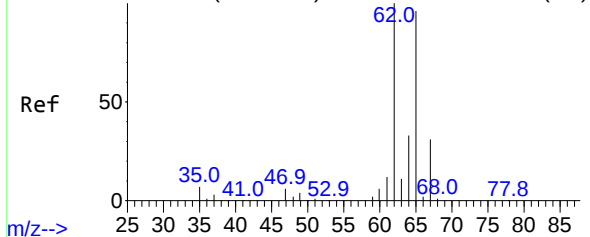


#3
Chloromethane
Concen: 1.088 ug/L
RT: 1.240 min Scan# 62
Delta R.T. 0.000 min
Lab File: VV024856.D
Acq: 02 Mar 2022 18:54

Tgt Ion: 50 Resp: 5194
Ion Ratio Lower Upper
50 100
52 31.1 22.9 42.5



Abundance Scan 84 (1.310 min): VV024850.D\data.ms (-76)



#5

Vinyl chloride

Concen: 1.063 ug/L

RT: 1.310 min Scan# 84

Delta R.T. 0.000 min

Lab File: VV024856.D

Acq: 02 Mar 2022 18:54

Instrument :

MSVOA_V

ClientSampleId :

MDL01

Tgt Ion: 62 Resp: 539

Ion Ratio Lower Upper

62 100

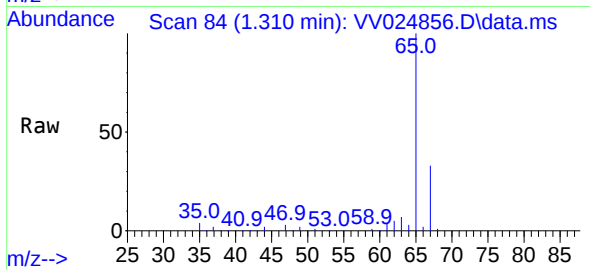
64 61.5 23.0 42.8

Manual Integrations

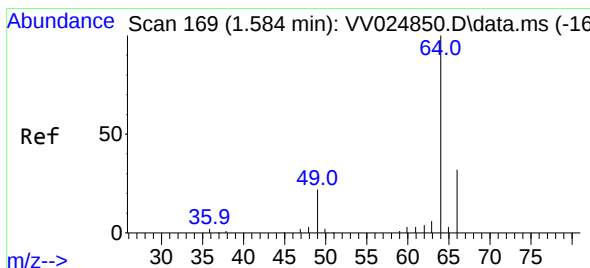
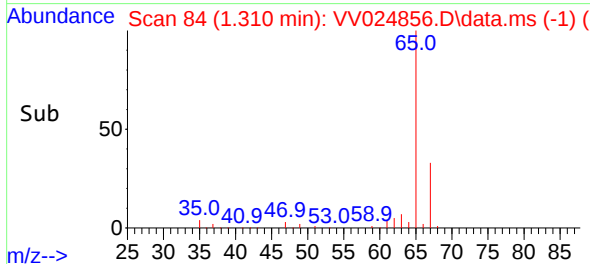
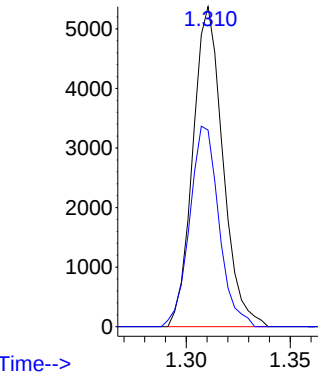
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Abundance



#8

Chloroethane

Concen: 1.016 ug/L

RT: 1.584 min Scan# 169

Delta R.T. 0.000 min

Lab File: VV024856.D

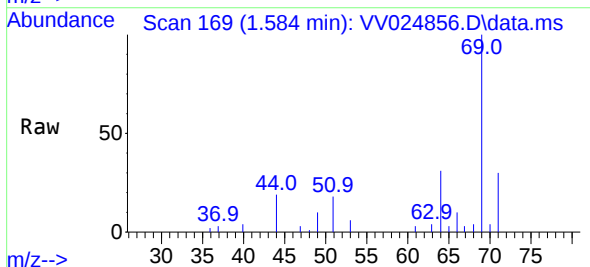
Acq: 02 Mar 2022 18:54

Tgt Ion: 64 Resp: 3124

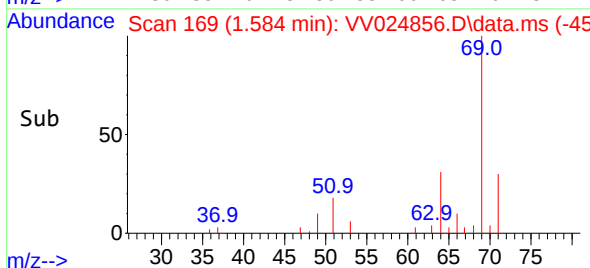
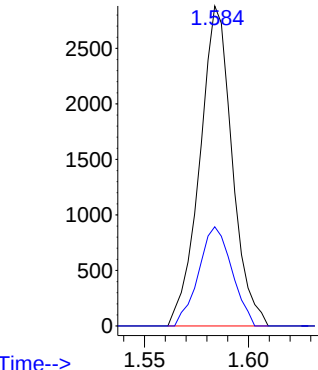
Ion Ratio Lower Upper

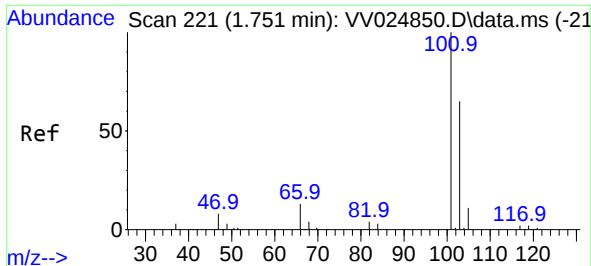
64 100

66 31.0 22.3 41.5



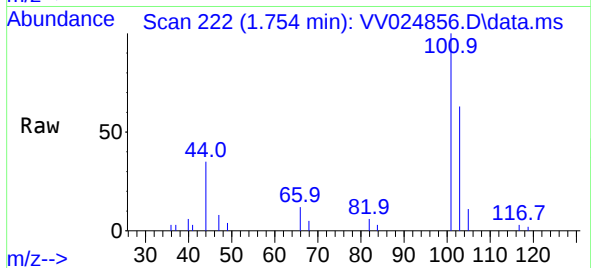
Abundance





#9
Trichlorofluoromethane
Concen: 1.011 ug/L
RT: 1.754 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV024856.D
Acq: 02 Mar 2022 18:54

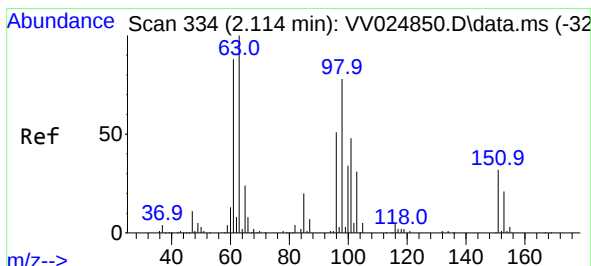
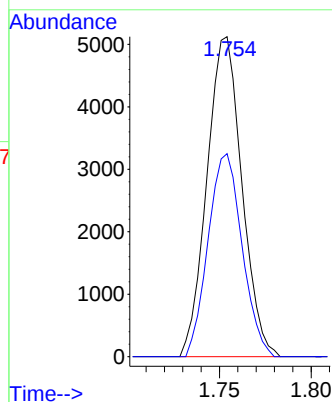
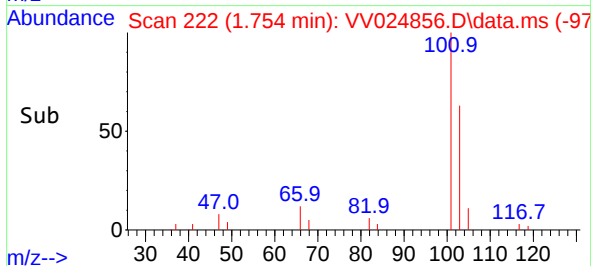
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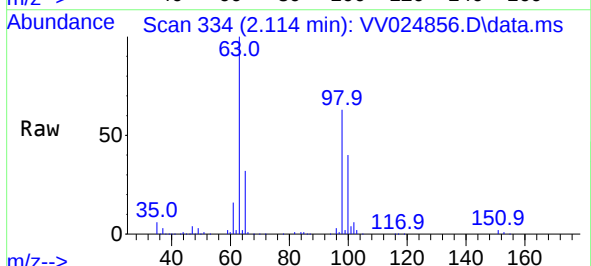
Tgt Ion:101 Resp: 6785
Ion Ratio Lower Upper
101 100
103 61.5 51.8 77.8

Manual Integrations
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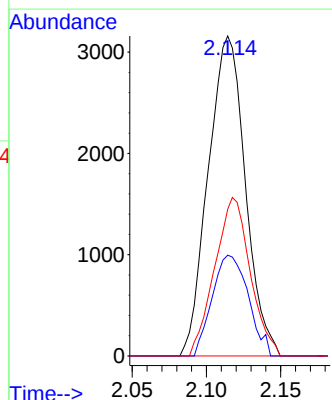
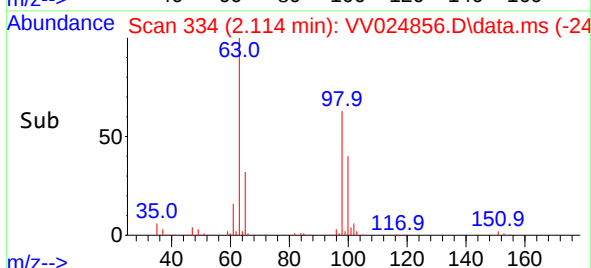
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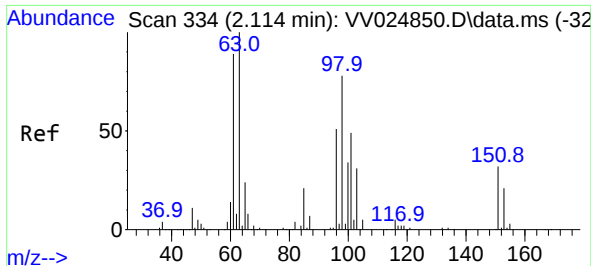


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.360 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.000 min
Lab File: VV024856.D
Acq: 02 Mar 2022 18:54



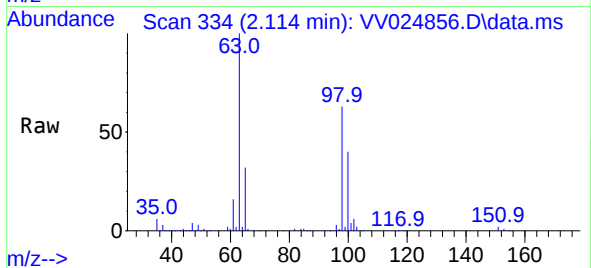
Tgt Ion:101 Resp: 5493
Ion Ratio Lower Upper
101 100
85 30.6 33.8 50.6#
151 47.4 54.1 81.1#





#12
1,1-Dichloroethene
Concen: 1.267 ug/L
RT: 2.114 min Scan# 311
Delta R.T. 0.000 min
Lab File: VV024856.D
Acq: 02 Mar 2022 18:54

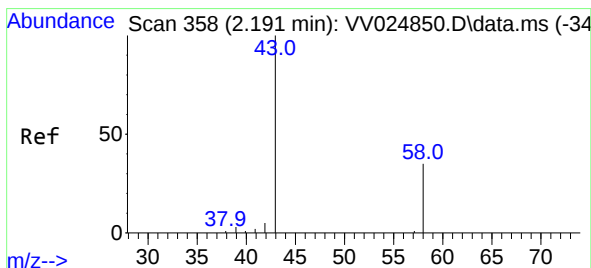
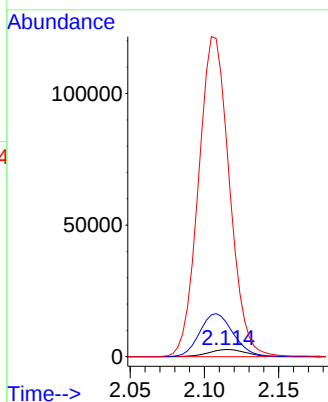
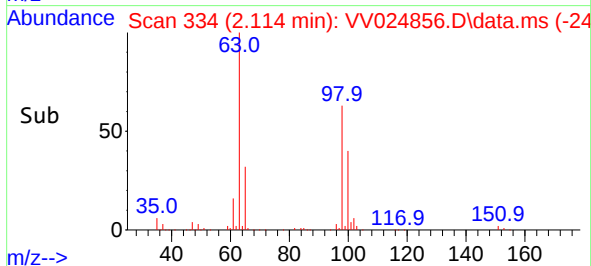
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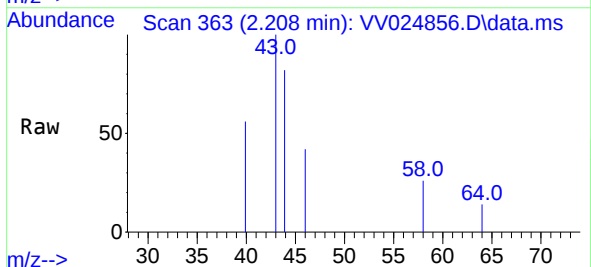
Tgt Ion: 96 Resp: 4770
Ion Ratio Lower Upper
96 100
61 489.9 122.1 226.7
63 3148.9 139.5 259.1

Manual Integrations
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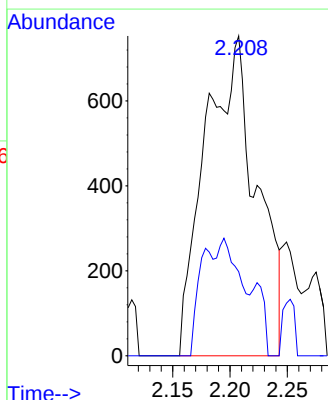
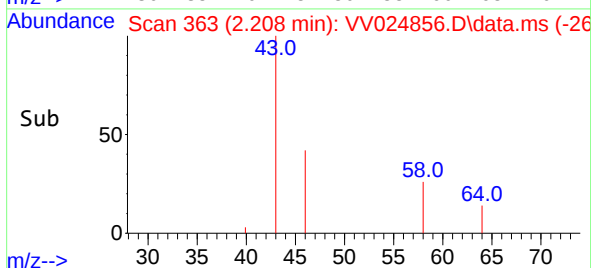
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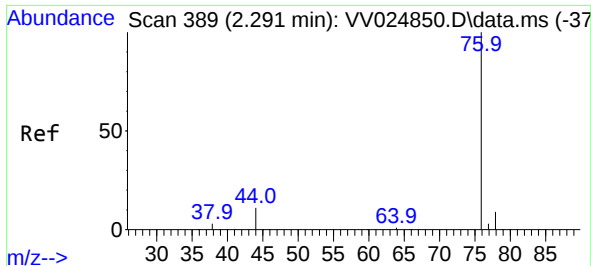


#13
Acetone
Concen: 2.103 ug/L m
RT: 2.208 min Scan# 363
Delta R.T. 0.016 min
Lab File: VV024856.D
Acq: 02 Mar 2022 18:54



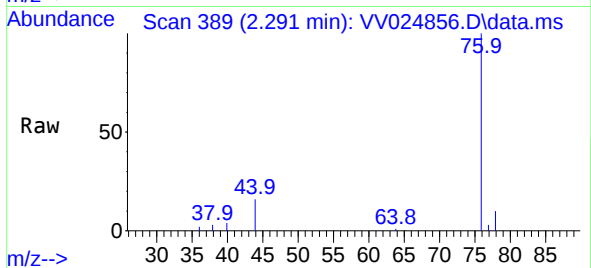
Tgt Ion: 43 Resp: 2346
Ion Ratio Lower Upper
43 100
58 10.1 0.0 70.0





#14
Carbon disulfide
Concen: 0.916 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.000 min
Lab File: VV024856.D
Acq: 02 Mar 2022 18:54

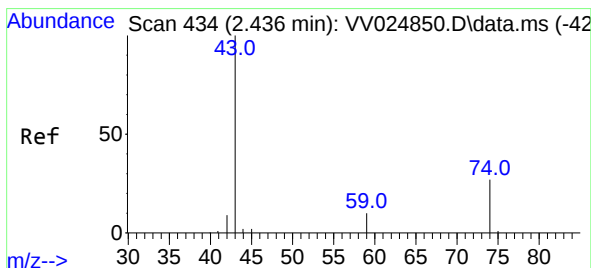
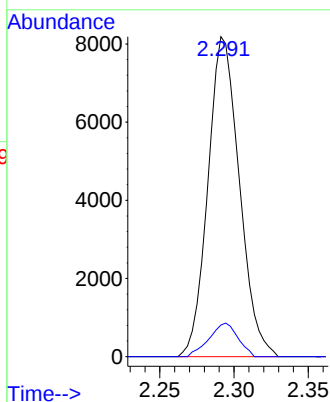
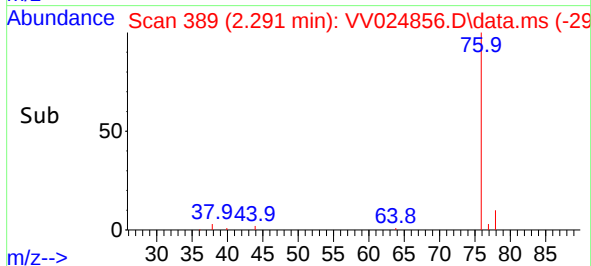
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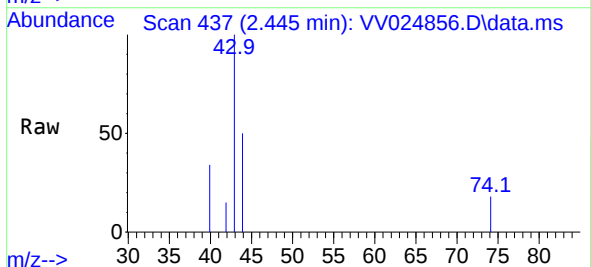
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Ion Ratio Lower Upper
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78 9.9 7.2 10.8

Manual Integrations
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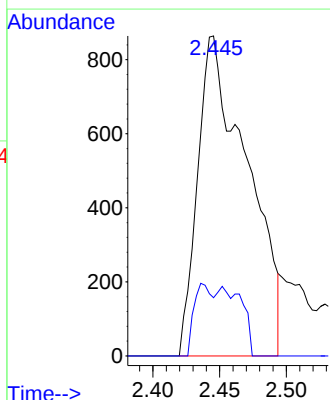
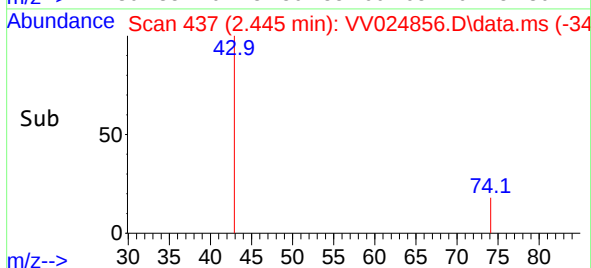
Reviewed By :John Carlone 03/03/2022
Supervised By :Mahesh Dadoda 03/03/2022

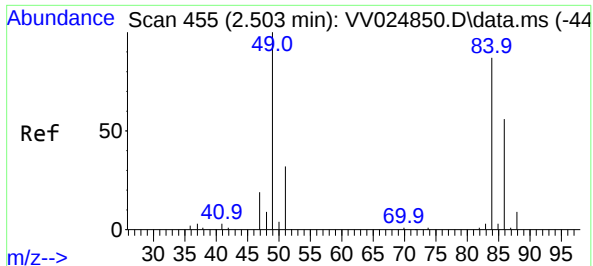


#15
Methyl Acetate
Concen: 0.928 ug/L m
RT: 2.445 min Scan# 437
Delta R.T. 0.010 min
Lab File: VV024856.D
Acq: 02 Mar 2022 18:54



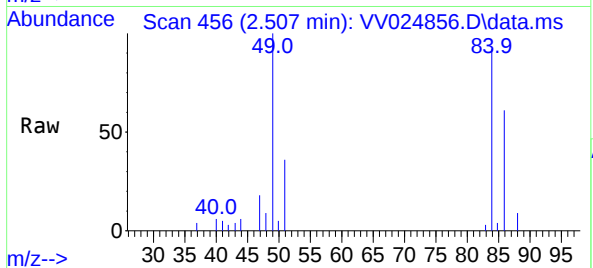
Tgt Ion: 43 Resp: 2235
Ion Ratio Lower Upper
43 100
74 1.7 21.7 32.5#





#16
Methylene chloride
Concen: 1.789 ug/L
RT: 2.507 min Scan# 455
Delta R.T. 0.003 min
Lab File: VV024856.D
Acq: 02 Mar 2022 18:54

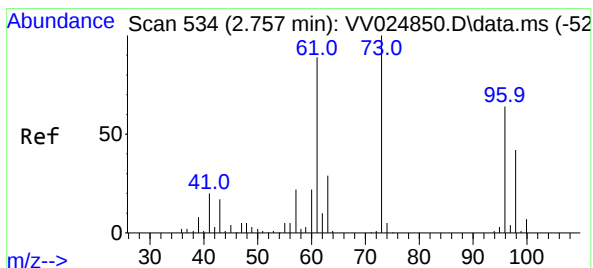
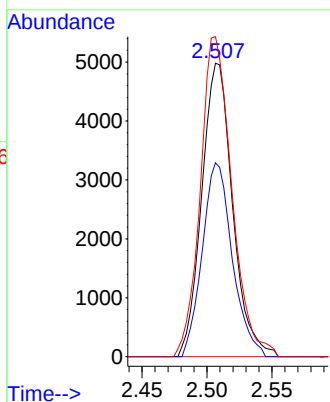
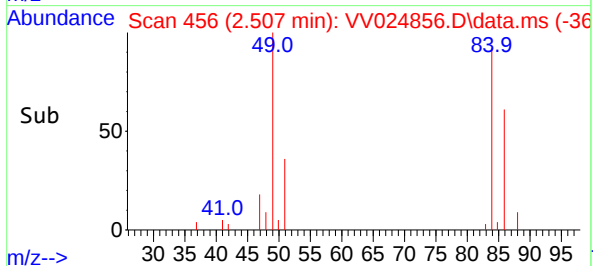
Instrument :
MSVOA_V
ClientSampleId :
MDL01



Tgt Ion: 84 Resp: 821
Ion Ratio Lower Upper
84 100
86 66.1 45.0 83.6
49 109.1 80.4 149.2

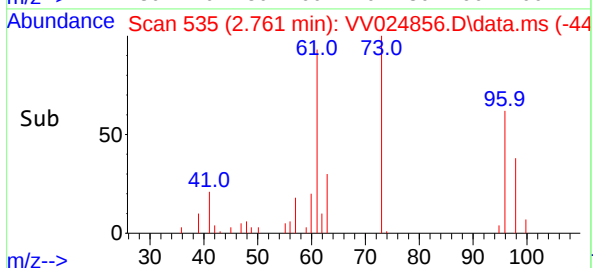
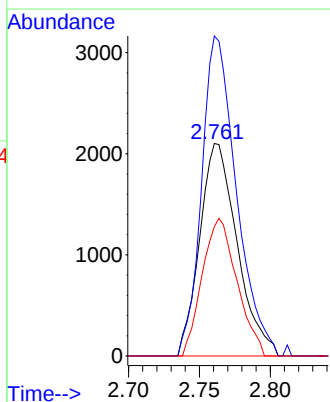
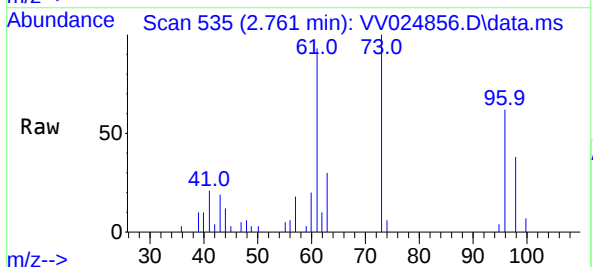
Manual Integrations
APPROVED

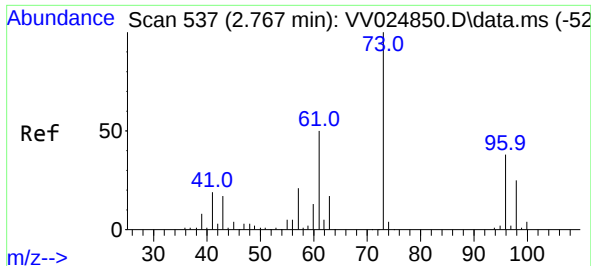
Reviewed By :John Carlone 03/03/2022
Supervised By :Mahesh Dadoda 03/03/2022



#17
trans-1,2-Dichloroethene
Concen: 0.906 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.003 min
Lab File: VV024856.D
Acq: 02 Mar 2022 18:54

Tgt Ion: 96 Resp: 3862
Ion Ratio Lower Upper
96 100
61 150.6 96.4 179.0
98 61.0 45.4 84.4





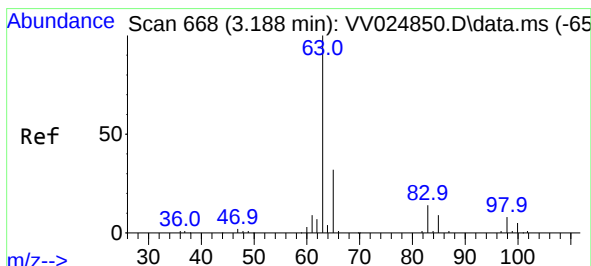
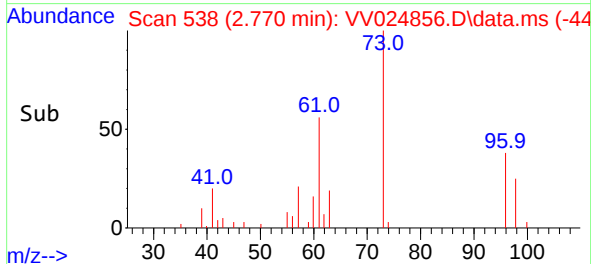
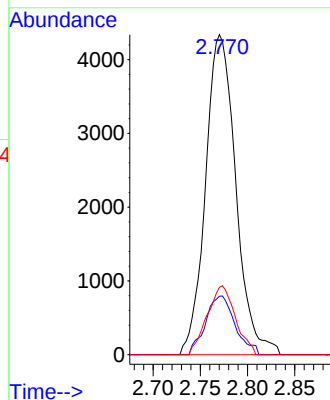
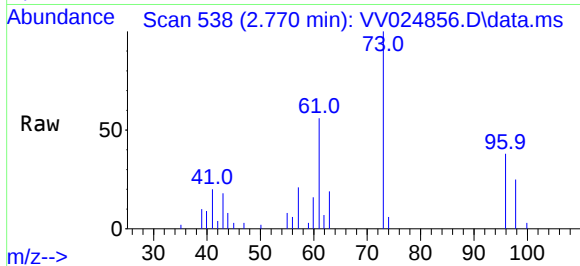
#18
Methyl tert-butyl Ether
Concen: 0.959 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV024856.D
Acq: 02 Mar 2022 18:54

Instrument :
MSVOA_V
ClientSampleId :
MDL01

Tgt Ion: 73 Resp: 968
Ion Ratio Lower Upper
73 100
43 17.4 13.6 20.4
57 20.1 17.0 25.6

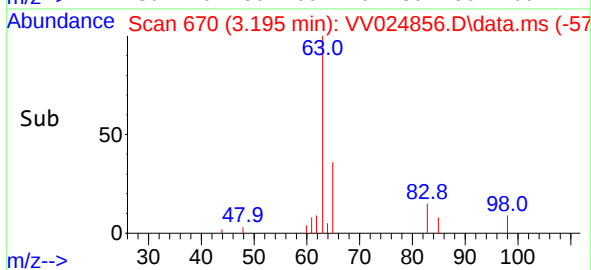
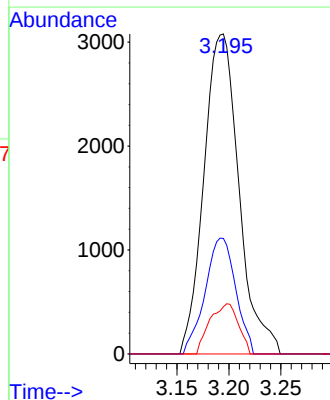
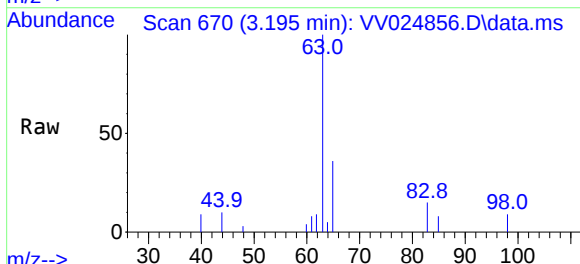
Manual Integrations
APPROVED

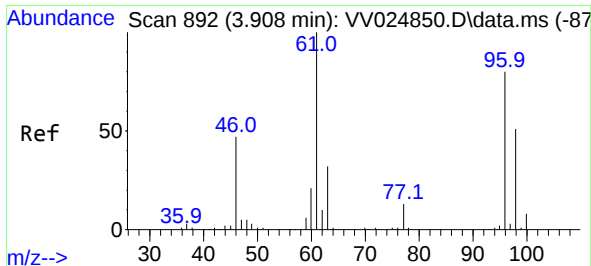
Reviewed By :John Carlone 03/03/2022
Supervised By :Mahesh Dadoda 03/03/2022



#19
1,1-Dichloroethane
Concen: 0.978 ug/L
RT: 3.195 min Scan# 670
Delta R.T. 0.006 min
Lab File: VV024856.D
Acq: 02 Mar 2022 18:54

Tgt Ion: 63 Resp: 7228
Ion Ratio Lower Upper
63 100
65 36.1 22.7 42.3
83 14.8 9.7 17.9





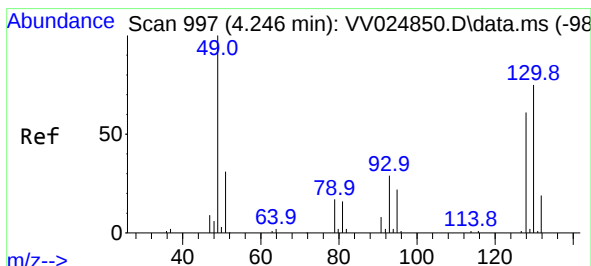
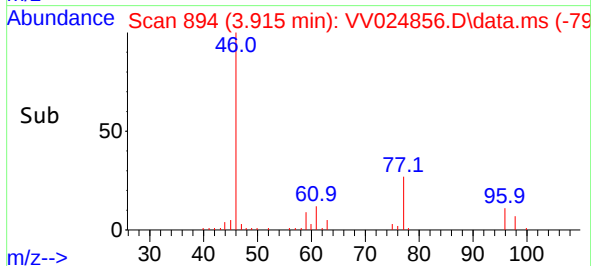
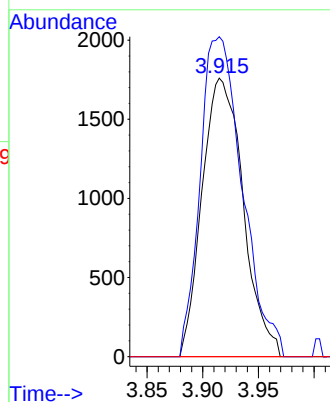
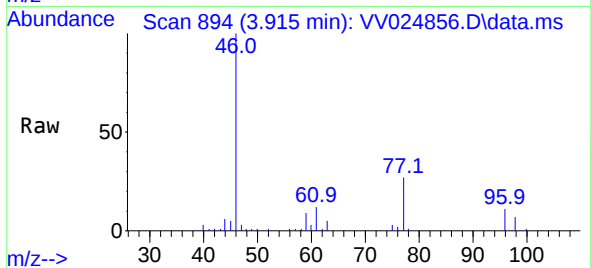
#20
cis-1,2-Dichloroethene
Concen: 1.018 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.006 min
Lab File: VV024856.D
Acq: 02 Mar 2022 18:54

Instrument :
MSVOA_V
ClientSampleId :
MDL01

Tgt Ion: 96 Resp: 451
Ion Ratio Lower Upper
96 100
61 114.9 87.4 162.2
68 0.0 0.0 0.0

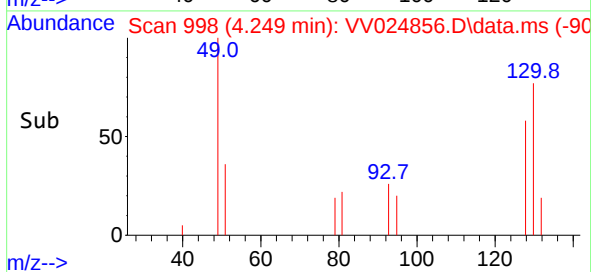
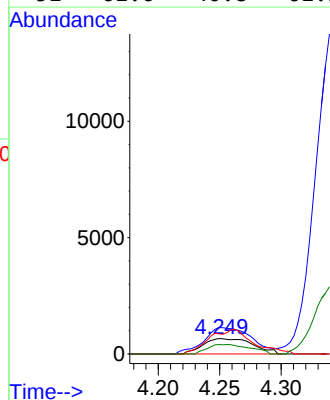
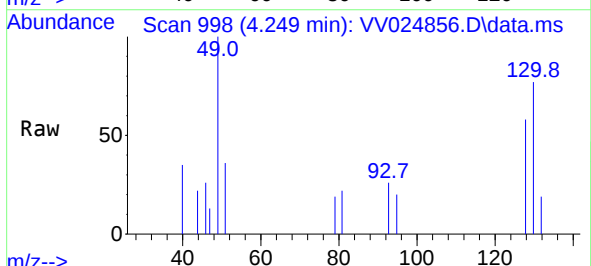
Manual Integrations
APPROVED

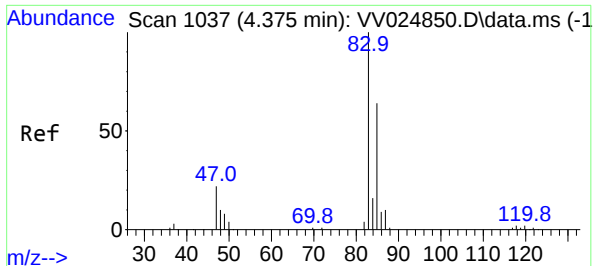
Reviewed By :John Carlone 03/03/2022
Supervised By :Mahesh Dadoda 03/03/2022



#23
Bromochloromethane
Concen: 0.929 ug/L m
RT: 4.249 min Scan# 998
Delta R.T. 0.003 min
Lab File: VV024856.D
Acq: 02 Mar 2022 18:54

Tgt Ion:128 Resp: 1857
Ion Ratio Lower Upper
128 100
49 171.4 115.2 214.0
130 131.3 86.7 160.9
51 61.6 40.8 61.2#





#25

Chloroform

Concen: 1.567 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. -0.003 min

Lab File: VV024856.D

Acq: 02 Mar 2022 18:54

Instrument :

MSVOA_V

ClientSampleId :

MDL01

Tgt Ion: 83 Resp: 11719

Ion Ratio Lower Upper

83 100

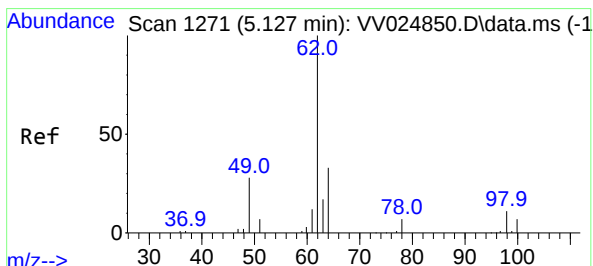
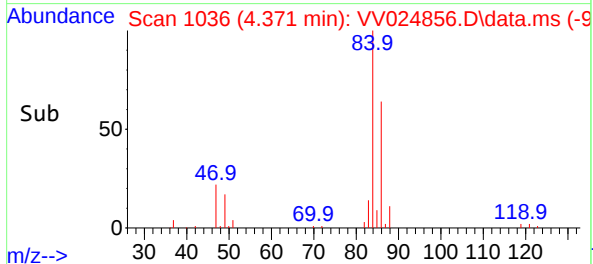
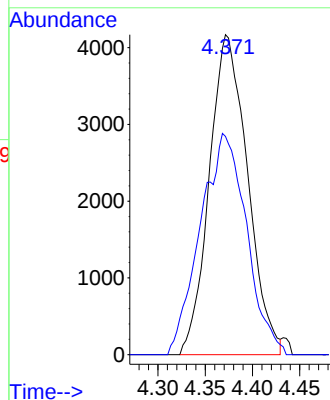
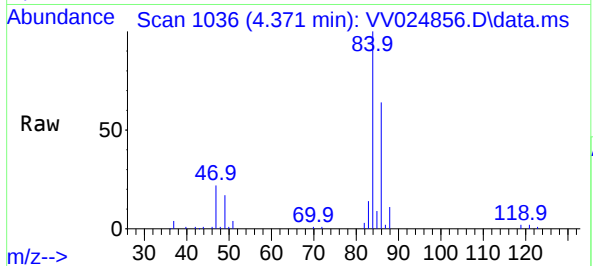
85 68.2 45.1 83.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/03/2022

Supervised By :Mahesh Dadoda 03/03/2022



#27

1,2-Dichloroethane

Concen: 1.143 ug/L

RT: 5.140 min Scan# 1275

Delta R.T. 0.013 min

Lab File: VV024856.D

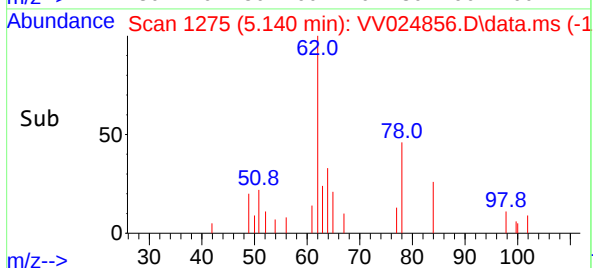
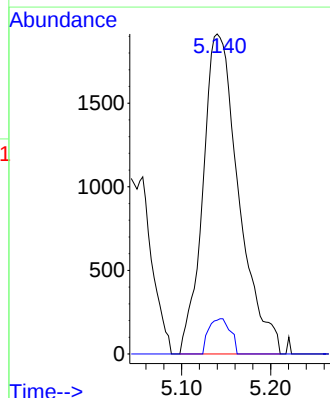
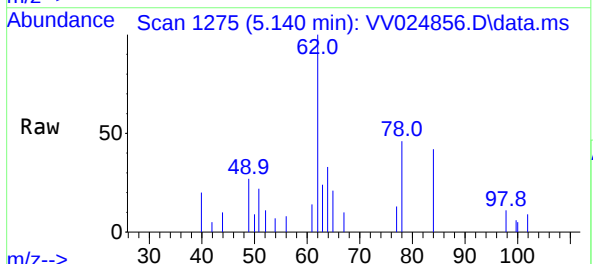
Acq: 02 Mar 2022 18:54

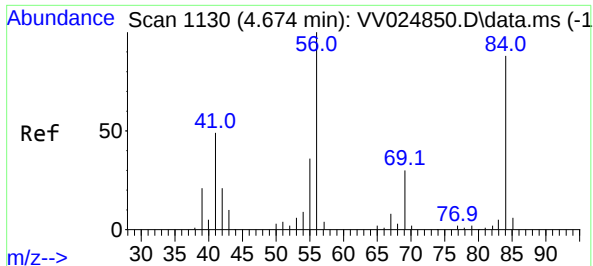
Tgt Ion: 62 Resp: 5354

Ion Ratio Lower Upper

62 100

98 10.6 8.6 13.0





#29

Cyclohexane

Concen: 0.910 ug/L

RT: 4.677 min Scan# 1130

Delta R.T. 0.003 min

Lab File: VV024856.D

Acq: 02 Mar 2022 18:54

Instrument :

MSVOA_V

ClientSampleId :

MDL01

Tgt Ion: 56 Resp: 6364

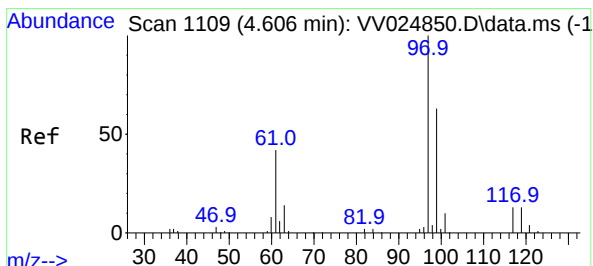
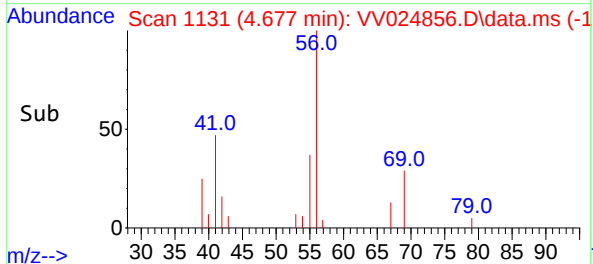
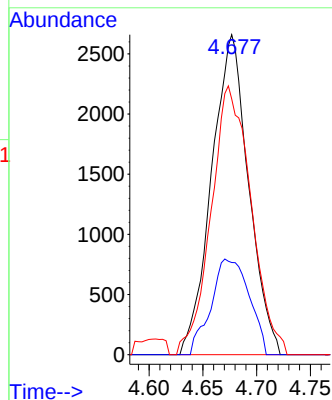
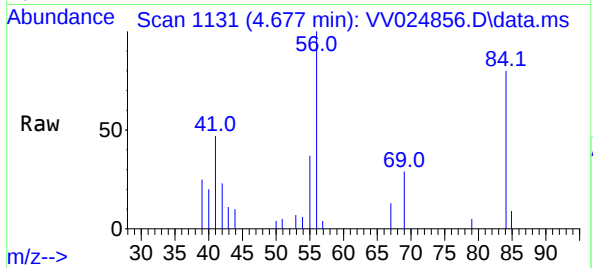
Ion	Ratio	Lower	Upper
56	100		
69	30.8	24.8	37.2
84	90.7	73.6	110.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/03/2022

Supervised By :Mahesh Dadoda 03/03/2022



#30

1,1,1-Trichloroethane

Concen: 0.903 ug/L

RT: 4.609 min Scan# 1110

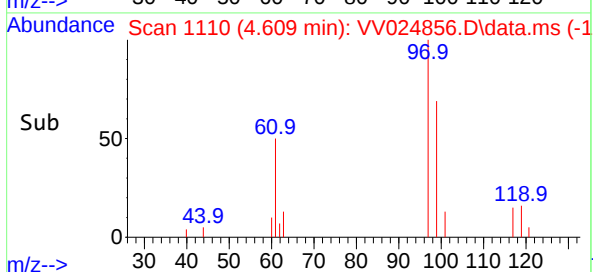
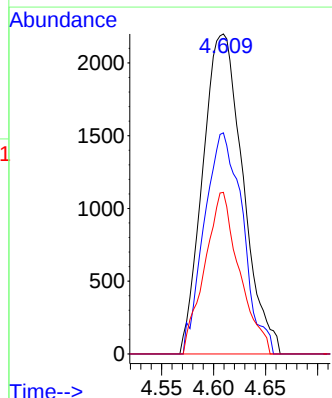
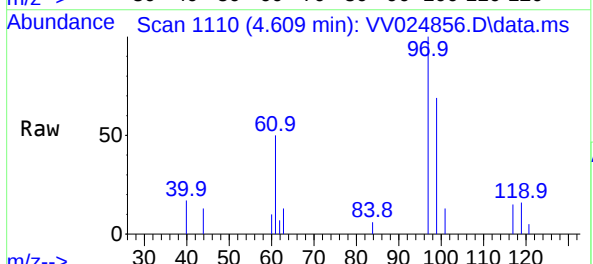
Delta R.T. 0.003 min

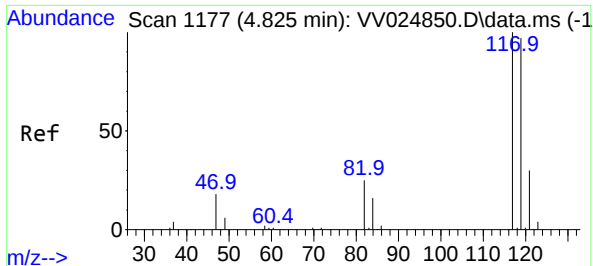
Lab File: VV024856.D

Acq: 02 Mar 2022 18:54

Tgt Ion: 97 Resp: 5901

Ion	Ratio	Lower	Upper
97	100		
99	66.2	50.2	75.4
61	43.7	33.8	50.6





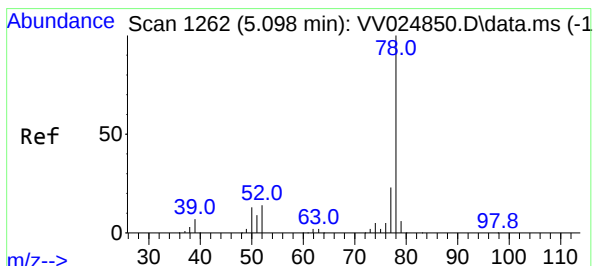
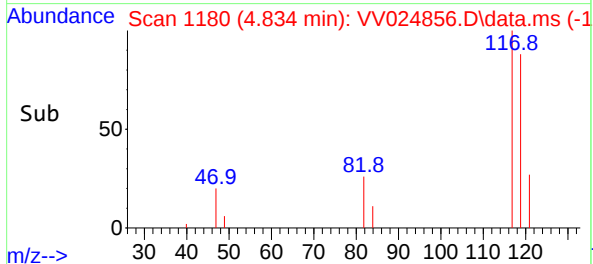
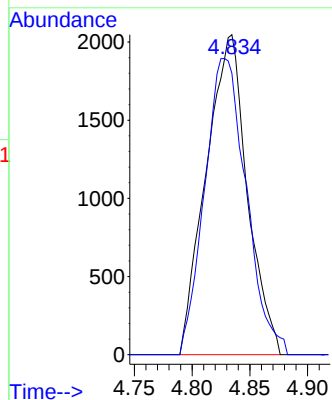
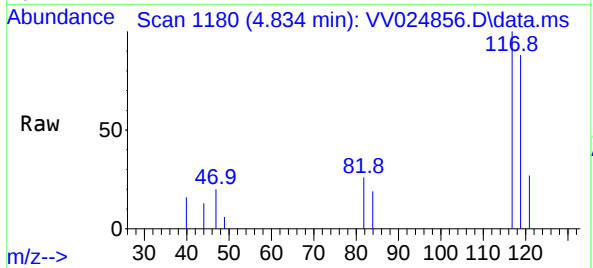
#31
Carbon tetrachloride
Concen: 0.900 ug/L
RT: 4.834 min Scan# 1177
Delta R.T. 0.010 min
Lab File: VV024856.D
Acq: 02 Mar 2022 18:54

Instrument :
MSVOA_V
ClientSampleId :
MDL01

Tgt Ion:117 Resp: 507
Ion Ratio Lower Upper
117 100
119 93.7 76.6 115.0

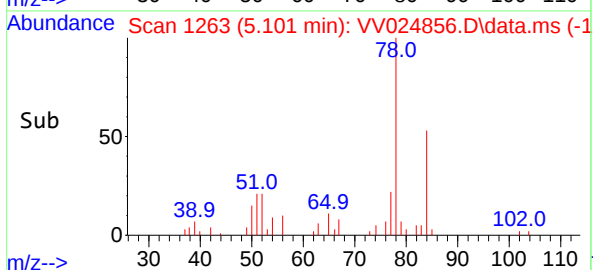
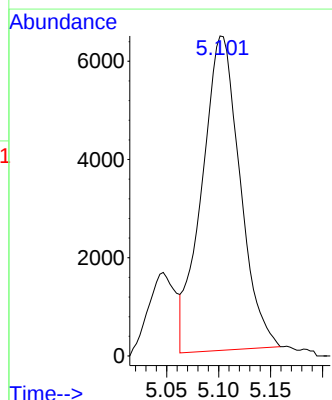
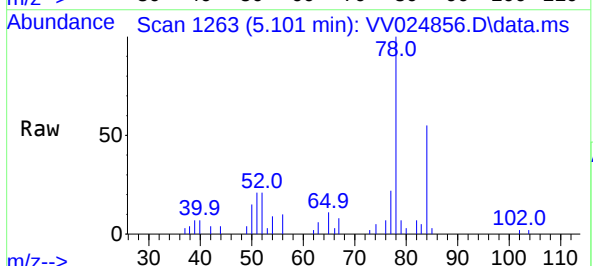
Manual Integrations
APPROVED

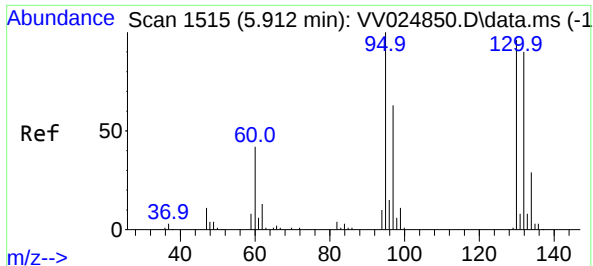
Reviewed By :John Carlone 03/03/2022
Supervised By :Mahesh Dadoda 03/03/2022



#33
Benzene
Concen: 0.982 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VV024856.D
Acq: 02 Mar 2022 18:54

Tgt Ion: 78 Resp: 16296





#34

Trichloroethene

Concen: 1.074 ug/L

RT: 5.921 min Scan# 1515

Delta R.T. 0.010 min

Lab File: VV024856.D

Acq: 02 Mar 2022 18:54

Instrument :

MSVOA_V

ClientSampleId :

MDL01

Tgt Ion: 95 Resp: 513

Ion Ratio Lower Upper

95 100

97 59.1 43.8 81.4

132 85.8 63.1 117.1

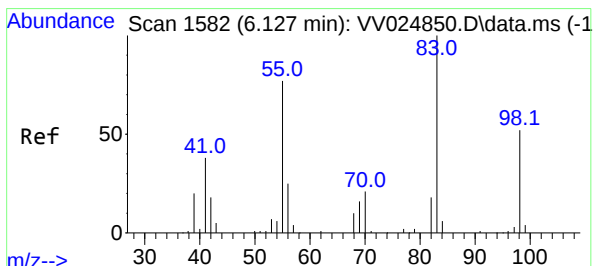
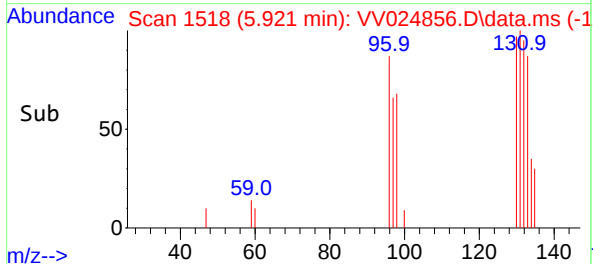
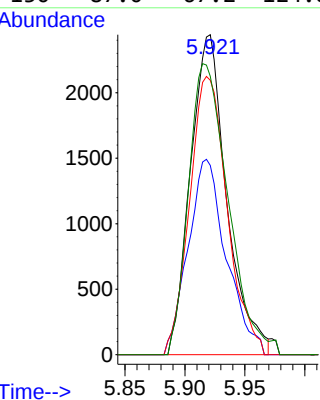
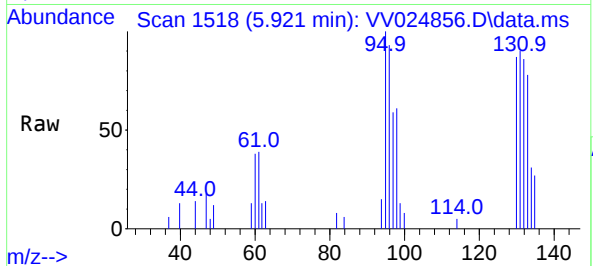
130 87.0 67.2 124.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/03/2022

Supervised By :Mahesh Dadoda 03/03/2022



#35

Methylcyclohexane

Concen: 0.901 ug/L

RT: 6.127 min Scan# 1582

Delta R.T. 0.000 min

Lab File: VV024856.D

Acq: 02 Mar 2022 18:54

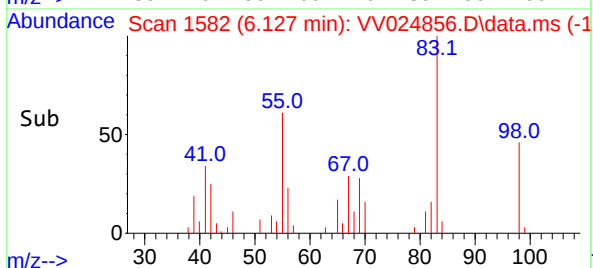
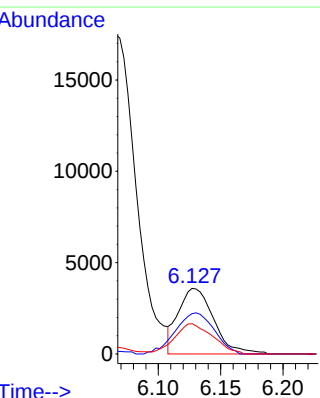
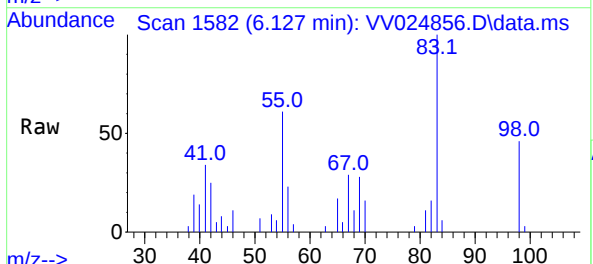
Tgt Ion: 83 Resp: 7089

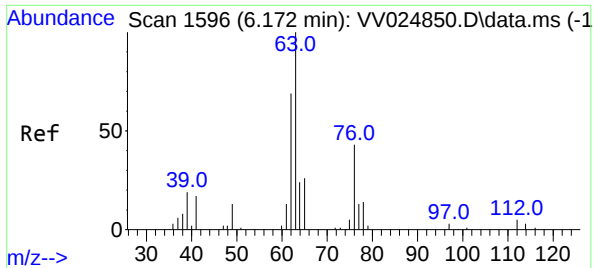
Ion Ratio Lower Upper

83 100

55 68.6 58.3 87.5

98 49.4 39.2 58.8





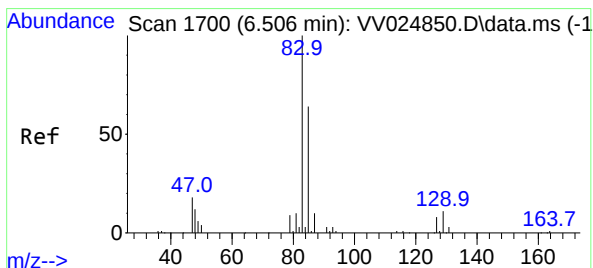
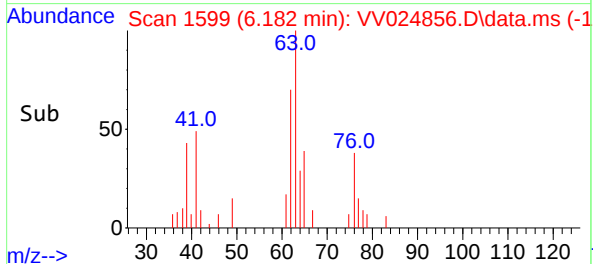
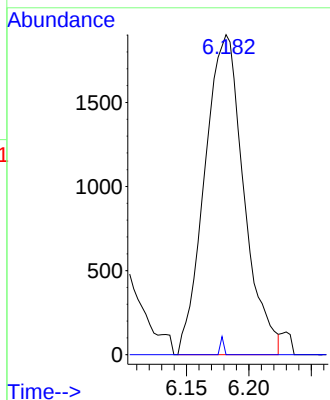
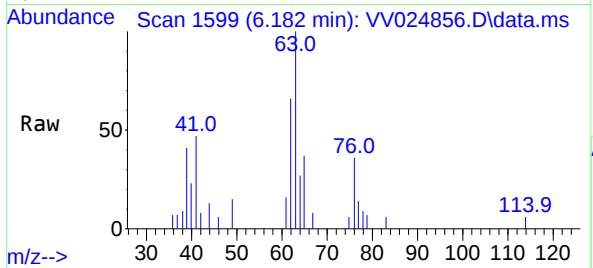
#37
1,2-Dichloropropane
Concen: 1.039 ug/L
RT: 6.182 min Scan# 111
Delta R.T. 0.010 min
Lab File: VV024856.D
Acq: 02 Mar 2022 18:54

Instrument :
MSVOA_V
ClientSampleId :
MDL01

Tgt Ion: 63 Resp: 414
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4

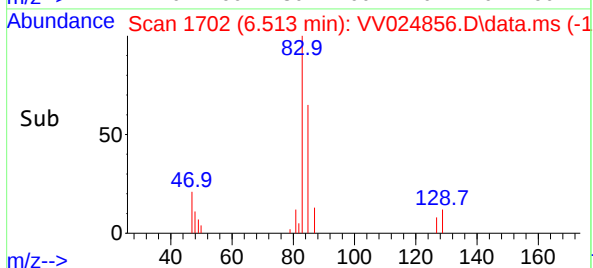
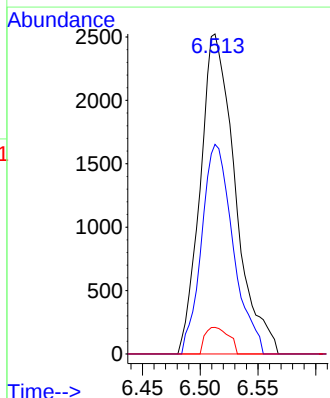
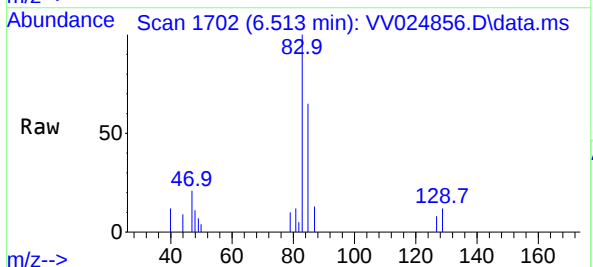
Manual Integrations
APPROVED

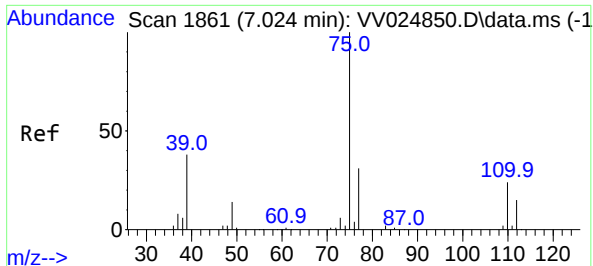
Reviewed By :John Carlone 03/03/2022
Supervised By :Mahesh Dadoda 03/03/2022



#38
Bromodichloromethane
Concen: 1.023 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VV024856.D
Acq: 02 Mar 2022 18:54

Tgt Ion: 83 Resp: 5307
Ion Ratio Lower Upper
83 100
85 65.5 44.8 83.2
127 8.3 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 1.009 ug/L

RT: 7.037 min Scan# 1861

Delta R.T. 0.013 min

Lab File: VV024856.D

Acq: 02 Mar 2022 18:54

Instrument :

MSVOA_V

ClientSampleId :

MDL01

Tgt Ion: 75 Resp: 600

Ion Ratio Lower Upper

75 100

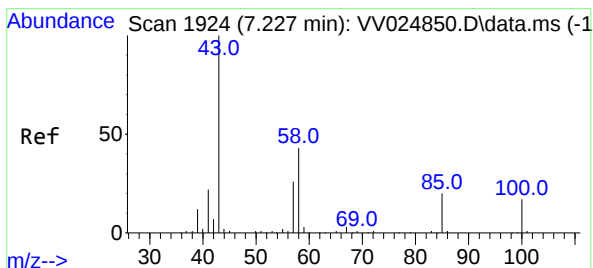
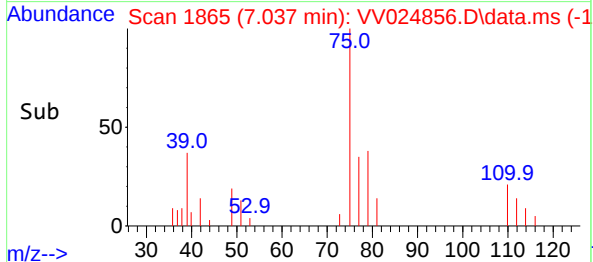
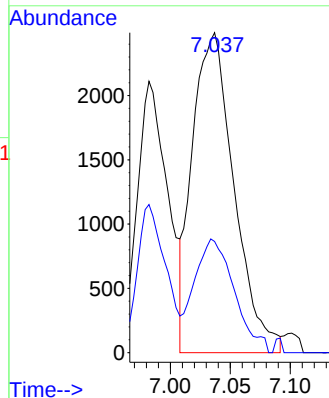
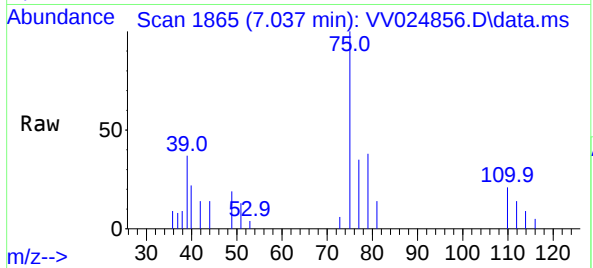
77 34.8 22.0 41.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/03/2022

Supervised By :Mahesh Dadoda 03/03/2022



#40

4-Methyl-2-pentanone

Concen: 1.576 ug/L

RT: 7.236 min Scan# 1927

Delta R.T. 0.010 min

Lab File: VV024856.D

Acq: 02 Mar 2022 18:54

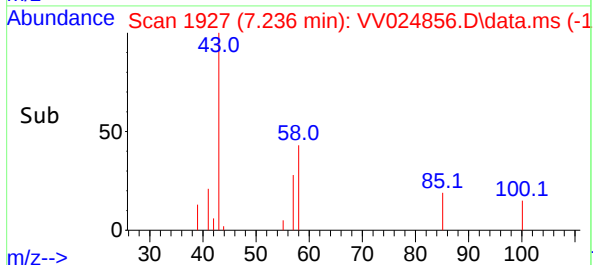
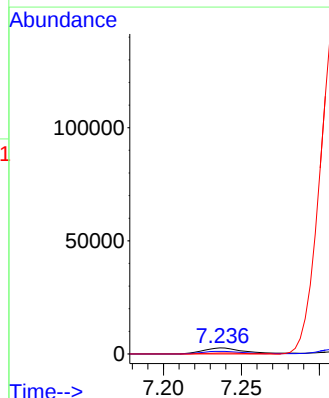
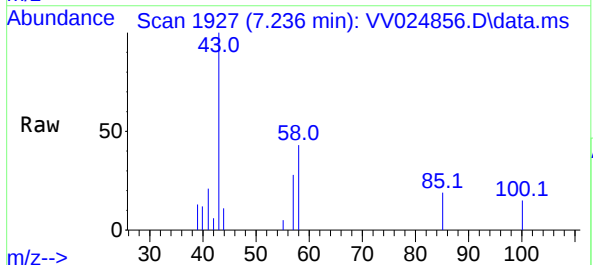
Tgt Ion: 43 Resp: 4805

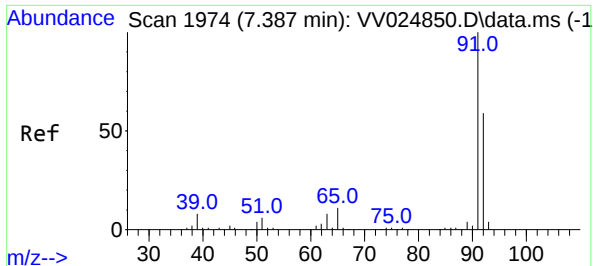
Ion Ratio Lower Upper

43 100

58 42.7 34.9 52.3

100 15.8 13.8 20.6





#42

Toluene

Concen: 1.352 ug/L

RT: 7.391 min Scan# 1974

Delta R.T. 0.003 min

Lab File: VV024856.D

Acq: 02 Mar 2022 18:54

Instrument :

MSVOA_V

ClientSampleId :

MDL01

Tgt Ion: 91 Resp: 23578

Ion Ratio Lower Upper

91 100

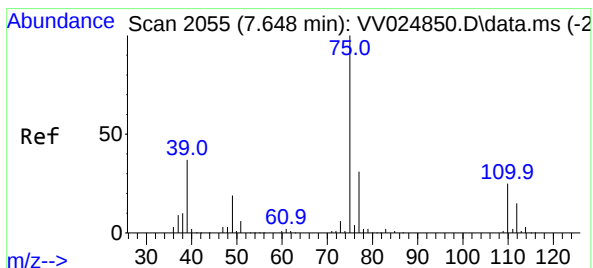
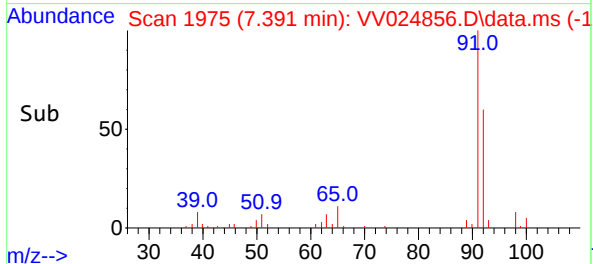
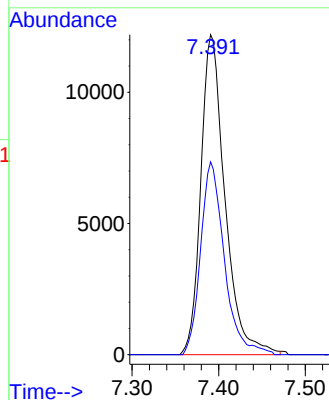
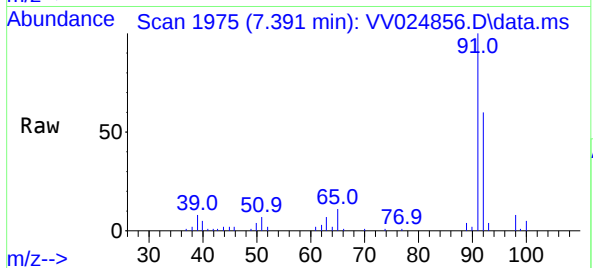
92 60.3 41.2 76.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/03/2022

Supervised By :Mahesh Dadoda 03/03/2022



#44

trans-1,3-Dichloropropene

Concen: 0.956 ug/L m

RT: 7.654 min Scan# 2057

Delta R.T. 0.006 min

Lab File: VV024856.D

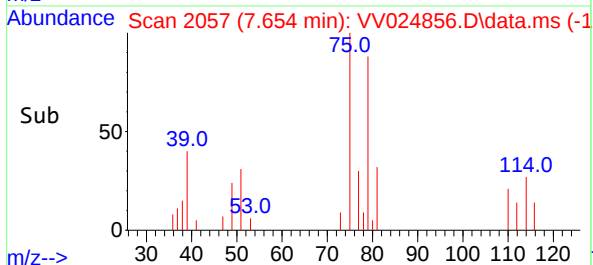
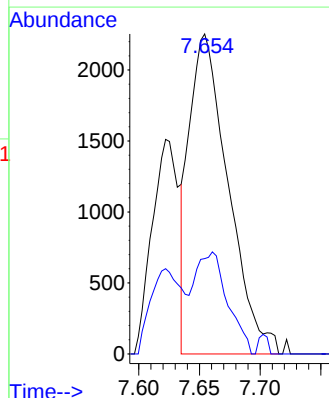
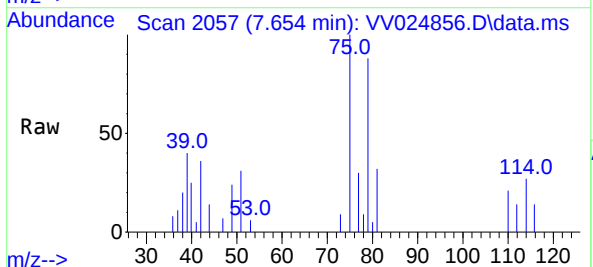
Acq: 02 Mar 2022 18:54

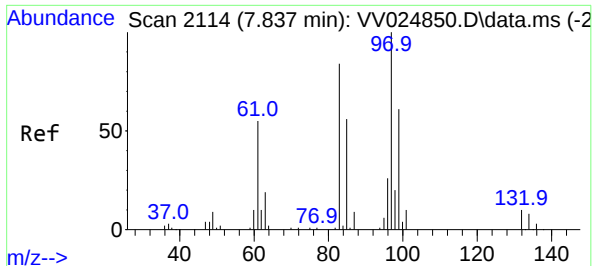
Tgt Ion: 75 Resp: 5045

Ion Ratio Lower Upper

75 100

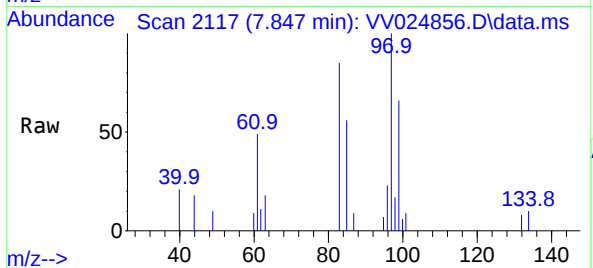
77 29.8 21.6 40.2





#45
1,1,2-Trichloroethane
Concen: 1.031 ug/L
RT: 7.847 min Scan# 2114
Delta R.T. 0.010 min
Lab File: VV024856.D
Acq: 02 Mar 2022 18:54

Instrument :
MSVOA_V
ClientSampleId :
MDL01

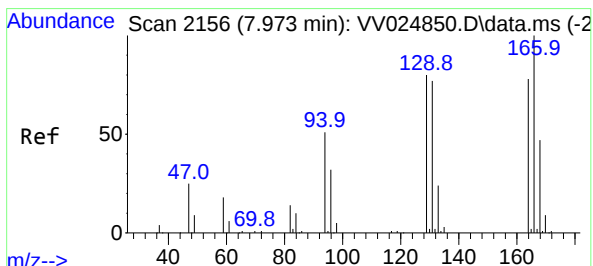
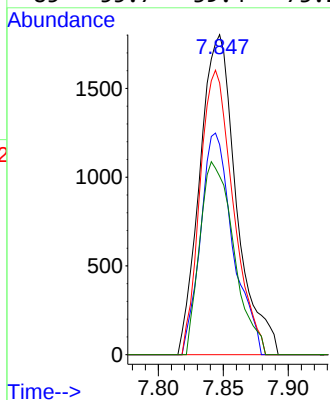
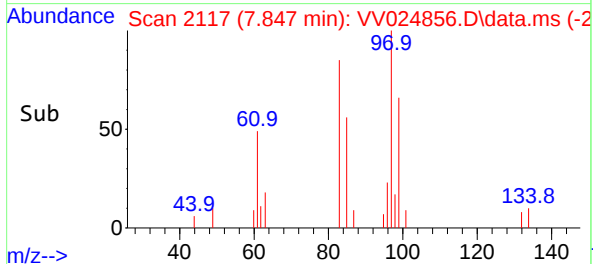


Tgt Ion: 97 Resp: 3528

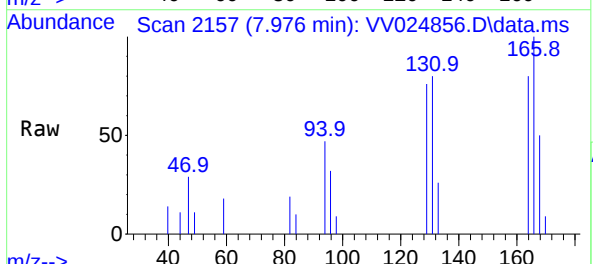
Ion	Ratio	Lower	Upper
97	100		
99	65.7	42.5	78.9
83	84.9	58.9	109.3
85	55.7	39.4	73.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/03/2022
Supervised By :Mahesh Dadoda 03/03/2022

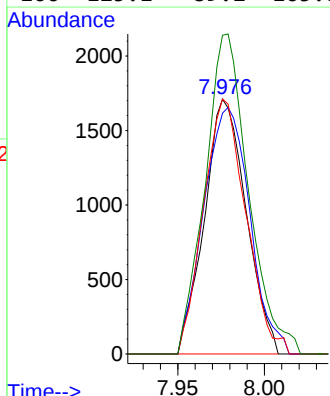
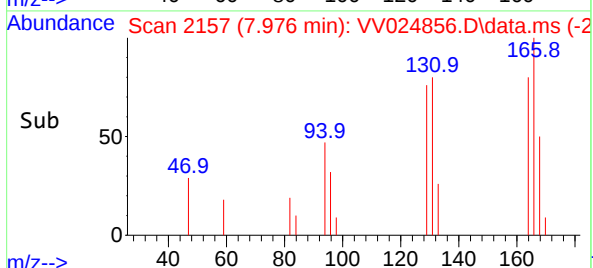


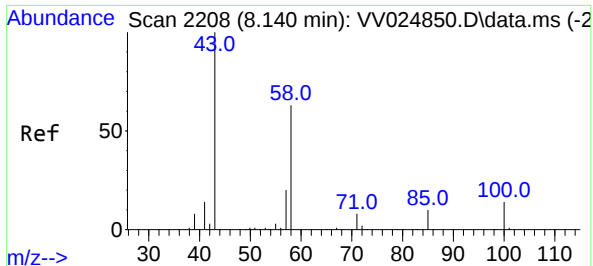
#46
Tetrachloroethene
Concen: 0.923 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV024856.D
Acq: 02 Mar 2022 18:54



Tgt Ion:164 Resp: 2863

Ion	Ratio	Lower	Upper
164	100		
129	94.5	71.5	132.9
131	100.1	68.8	127.8
166	125.1	89.2	165.8





#48

2-Hexanone

Concen: 3.756 ug/L

RT: 8.146 min Scan# 21

Delta R.T. 0.006 min

Lab File: VV024856.D

Acq: 02 Mar 2022 18:54

Instrument :

MSVOA_V

ClientSampleId :

MDL01

Tgt Ion: 43 Resp: 7984

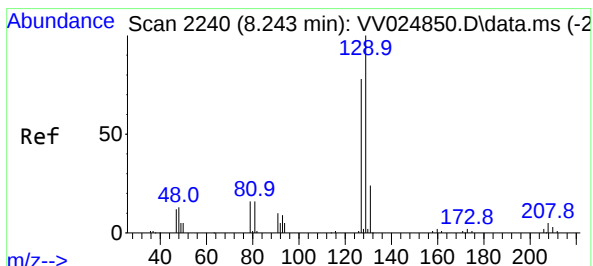
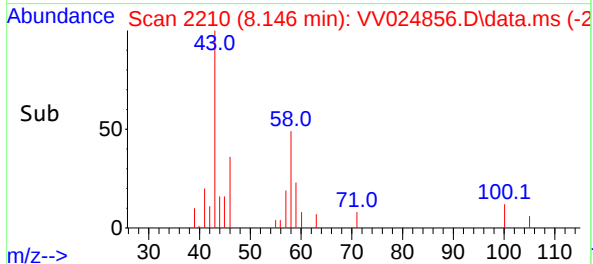
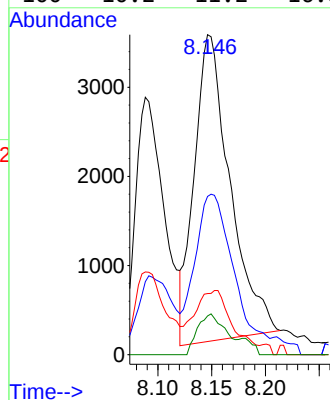
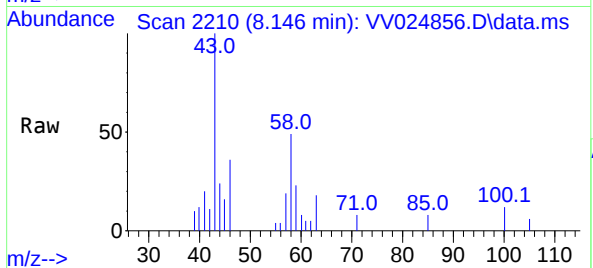
Ion	Ratio	Lower	Upper
43	100		
58	49.9	47.6	71.4
57	0.5	17.0	25.6
100	10.2	11.2	16.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/03/2022

Supervised By :Mahesh Dadoda 03/03/2022



#49

Dibromochloromethane

Concen: 0.963 ug/L

RT: 8.249 min Scan# 2242

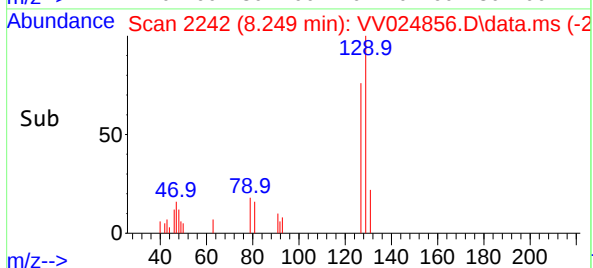
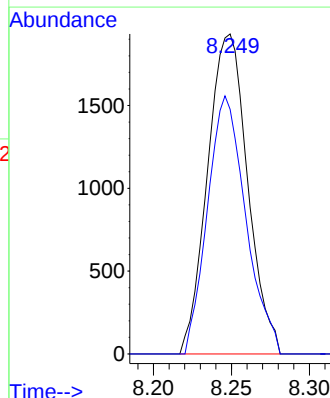
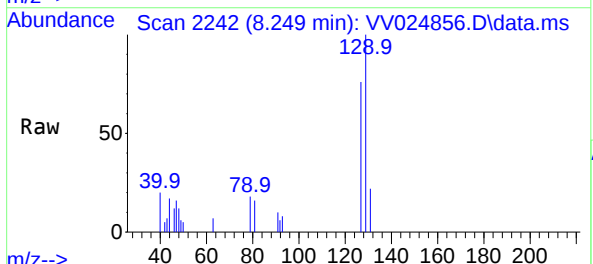
Delta R.T. 0.006 min

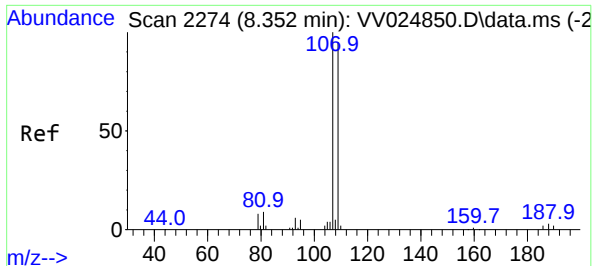
Lab File: VV024856.D

Acq: 02 Mar 2022 18:54

Tgt Ion:129 Resp: 3457

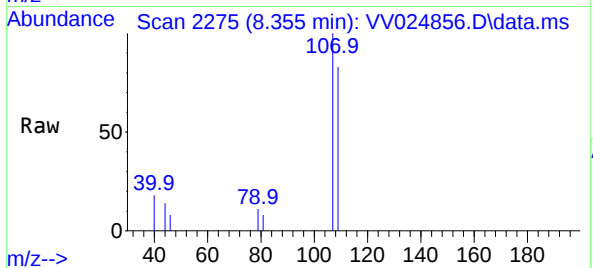
Ion	Ratio	Lower	Upper
129	100		
127	76.4	54.9	101.9





#50
1,2-Dibromoethane
Concen: 0.940 ug/L
RT: 8.355 min Scan# 2194
Delta R.T. 0.003 min
Lab File: VV024856.D
Acq: 02 Mar 2022 18:54

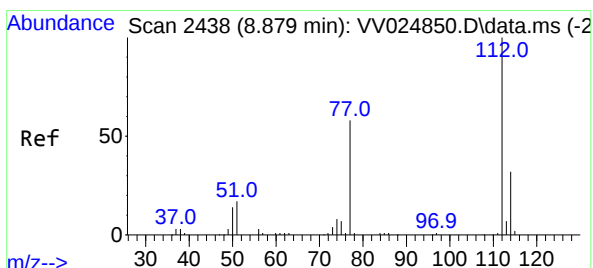
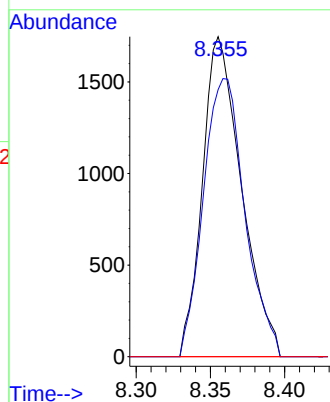
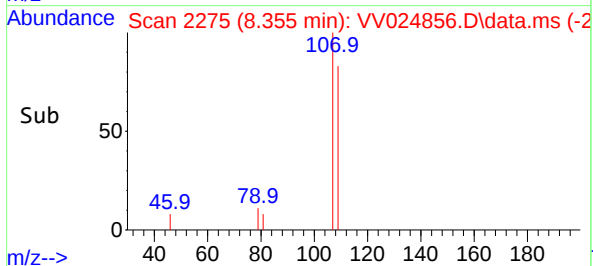
Instrument :
MSVOA_V
ClientSampleId :
MDL01



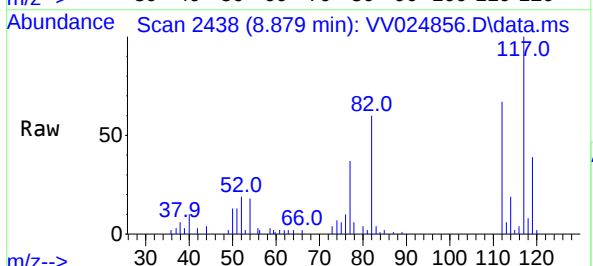
Tgt Ion:107 Resp: 3194
Ion Ratio Lower Upper
107 100
109 83.5 66.6 123.8
188 0.0 2.6 3.8

Manual Integrations
APPROVED

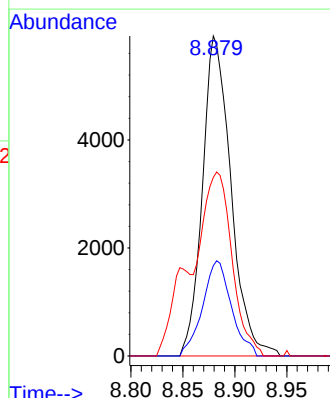
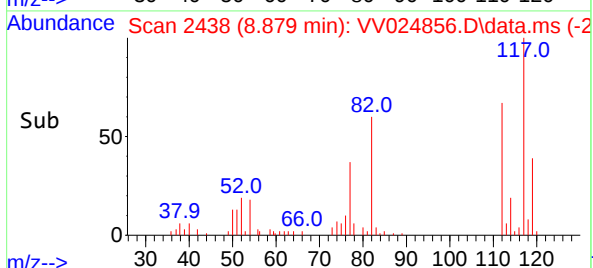
Reviewed By :John Carlone 03/03/2022
Supervised By :Mahesh Dadoda 03/03/2022

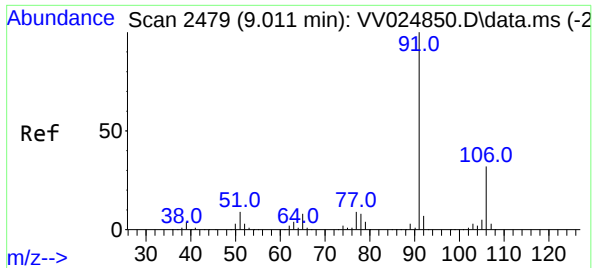


#51
Chlorobenzene
Concen: 1.009 ug/L
RT: 8.879 min Scan# 2438
Delta R.T. 0.000 min
Lab File: VV024856.D
Acq: 02 Mar 2022 18:54



Tgt Ion:112 Resp: 11300
Ion Ratio Lower Upper
112 100
114 28.2 22.5 41.9
77 55.8 47.2 70.8





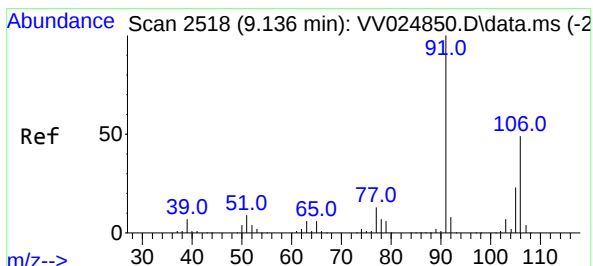
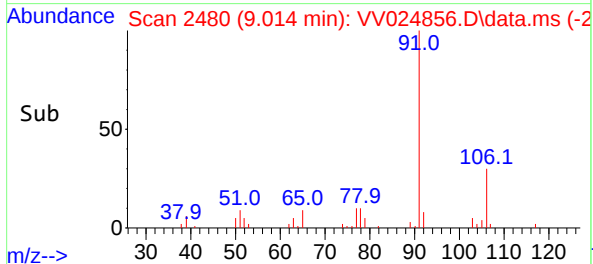
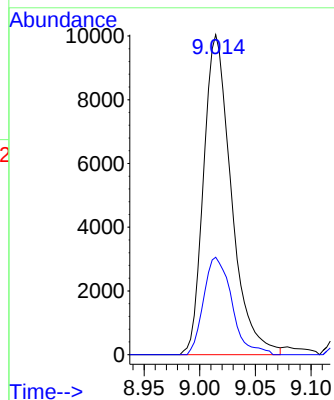
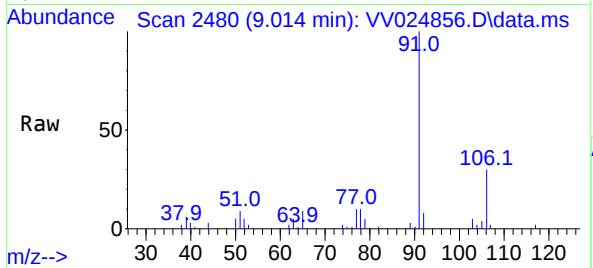
#52
Ethylbenzene
Concen: 0.917 ug/L
RT: 9.014 min Scan# 2479
Delta R.T. 0.003 min
Lab File: VV024856.D
Acq: 02 Mar 2022 18:54

Instrument :
MSVOA_V
ClientSampleId :
MDL01

Tgt Ion: 91 Resp: 17410
Ion Ratio Lower Upper
91 100
106 30.4 22.0 41.0

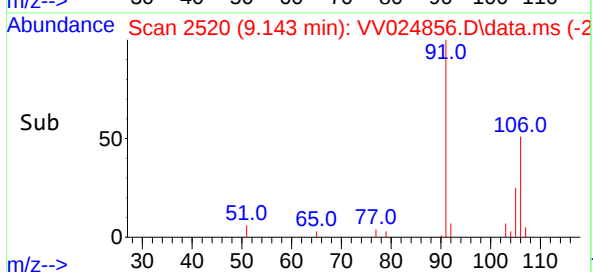
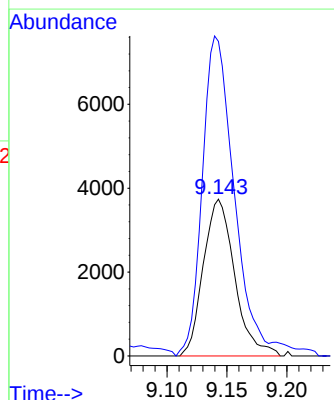
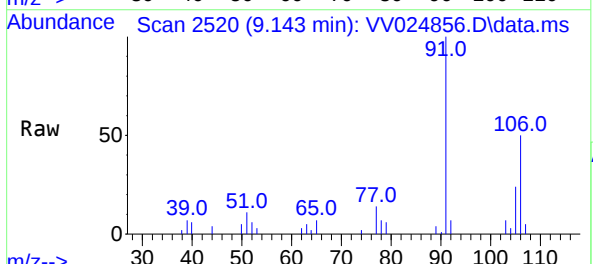
Manual Integrations
APPROVED

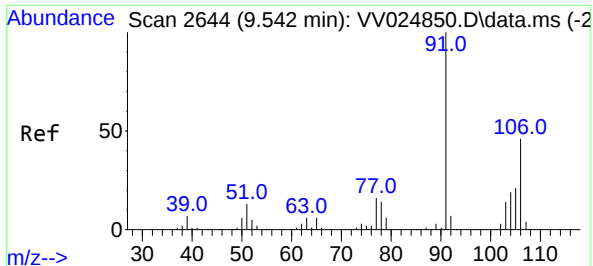
Reviewed By :John Carlone 03/03/2022
Supervised By :Mahesh Dadoda 03/03/2022



#53
m,p-Xylene
Concen: 0.939 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.006 min
Lab File: VV024856.D
Acq: 02 Mar 2022 18:54

Tgt Ion:106 Resp: 6809
Ion Ratio Lower Upper
106 100
91 200.6 141.8 263.4





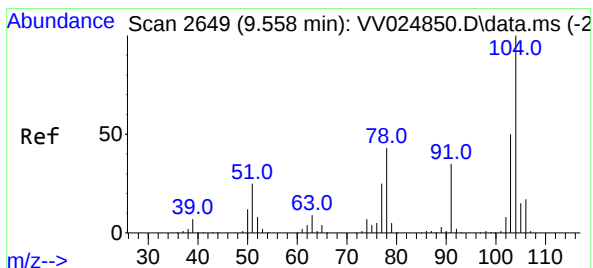
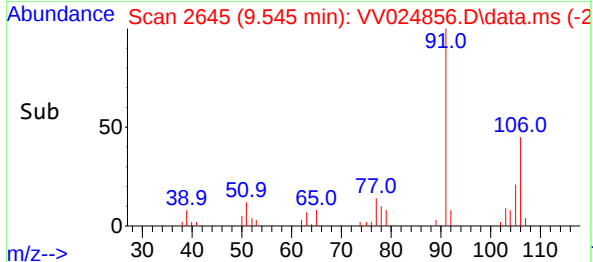
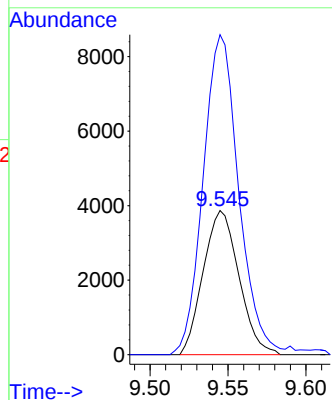
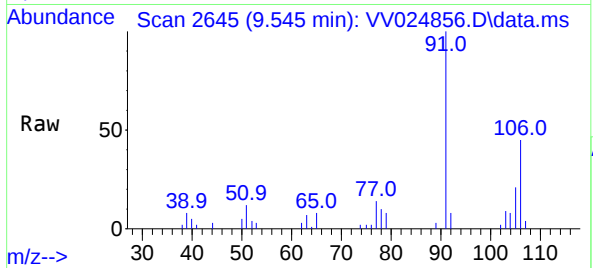
#54
o-Xylene
Concen: 0.907 ug/L
RT: 9.545 min Scan# 2644
Delta R.T. 0.003 min
Lab File: VV024856.D
Acq: 02 Mar 2022 18:54

Instrument :
MSVOA_V
ClientSampleId :
MDL01

Tgt Ion:106 Resp: 616
Ion Ratio Lower Upper
106 100
91 221.9 152.1 282.5

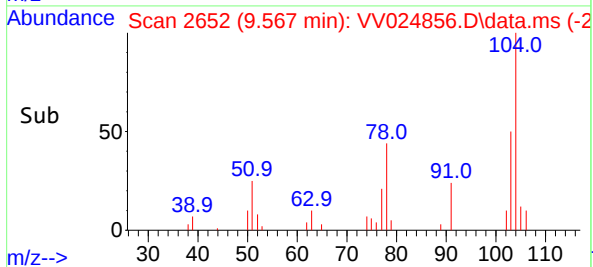
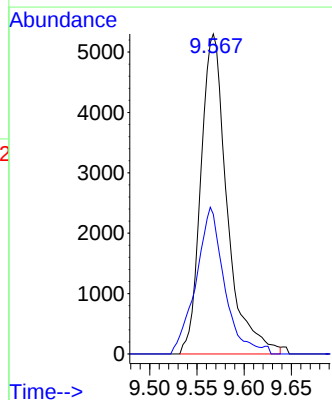
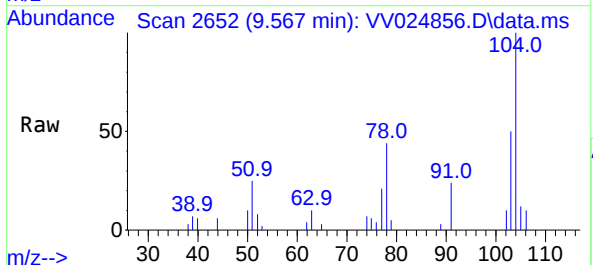
Manual Integrations
APPROVED

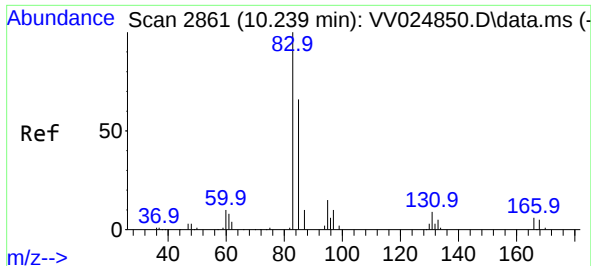
Reviewed By :John Carlone 03/03/2022
Supervised By :Mahesh Dadoda 03/03/2022



#55
Styrene
Concen: 0.881 ug/L
RT: 9.567 min Scan# 2652
Delta R.T. 0.010 min
Lab File: VV024856.D
Acq: 02 Mar 2022 18:54

Tgt Ion:104 Resp: 10220
Ion Ratio Lower Upper
104 100
78 43.7 30.5 56.7





#57

1,1,2,2-Tetrachloroethane

Concen: 1.137 ug/L

RT: 10.236 min Scan# 2860

Delta R.T. -0.003 min

Lab File: VV024856.D

Acq: 02 Mar 2022 18:54

Instrument :

MSVOA_V

ClientSampleId :

MDL01

Tgt Ion: 83 Resp: 444

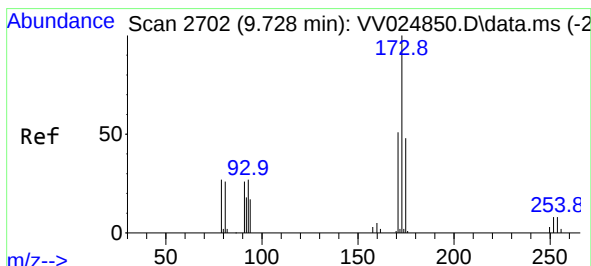
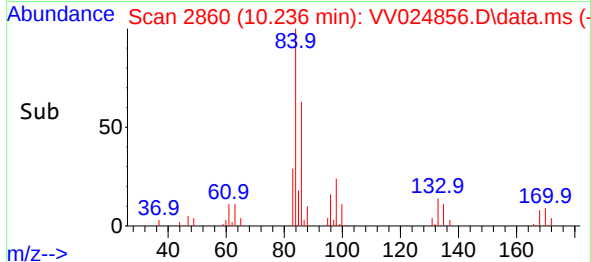
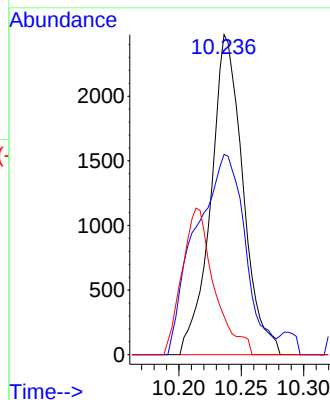
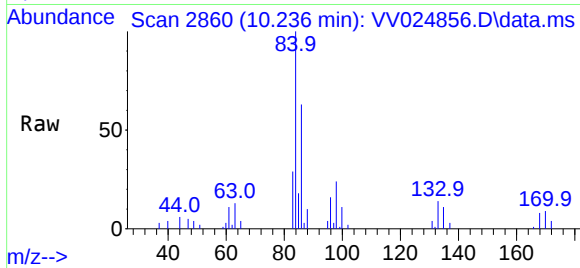
Ion	Ratio	Lower	Upper
83	100		
85	62.6	46.5	86.3
131	12.0	7.8	11.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/03/2022

Supervised By :Mahesh Dadoda 03/03/2022



#59

Bromoform

Concen: 0.887 ug/L

RT: 9.735 min Scan# 2704

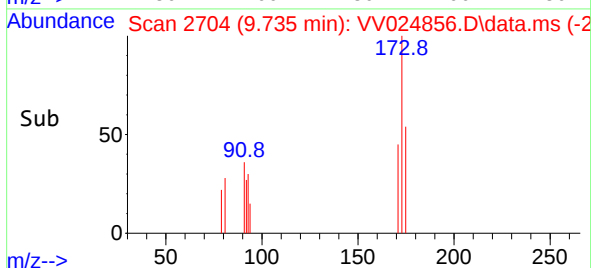
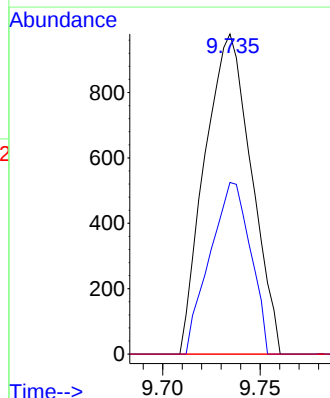
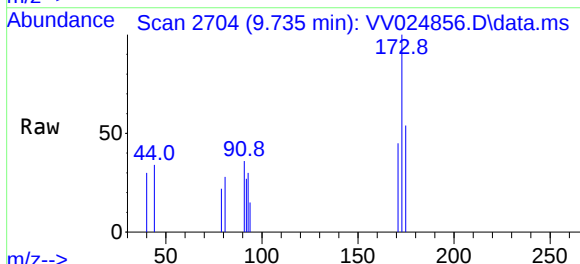
Delta R.T. 0.006 min

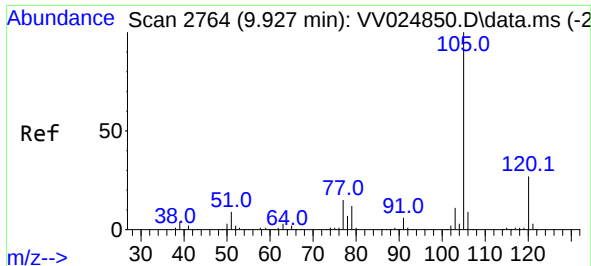
Lab File: VV024856.D

Acq: 02 Mar 2022 18:54

Tgt Ion:173 Resp: 1627

Ion	Ratio	Lower	Upper
173	100		
175	46.7	38.7	58.1
254	0.0	6.2	9.2





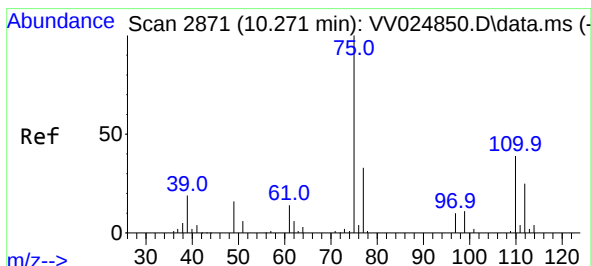
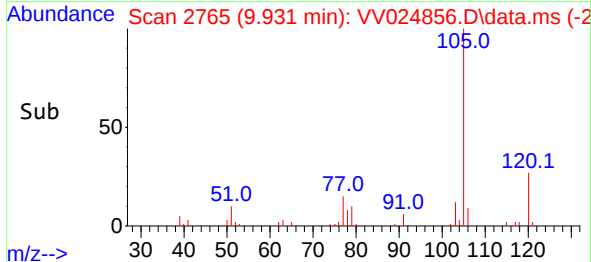
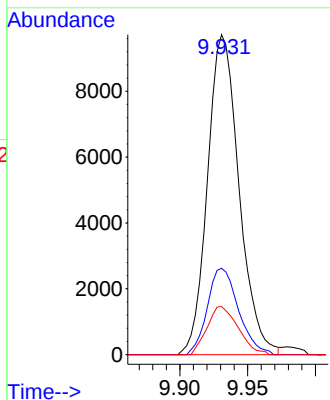
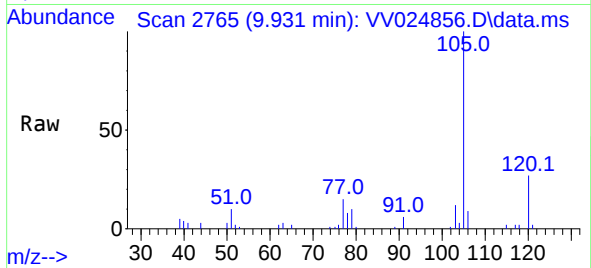
#60
Isopropylbenzene
Concen: 0.874 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.003 min
Lab File: VV024856.D
Acq: 02 Mar 2022 18:54

Instrument :
MSVOA_V
ClientSampleId :
MDL01

Tgt Ion:105 Resp: 15719
Ion Ratio Lower Upper
105 100
120 26.6 20.8 31.2
77 14.7 12.4 18.6

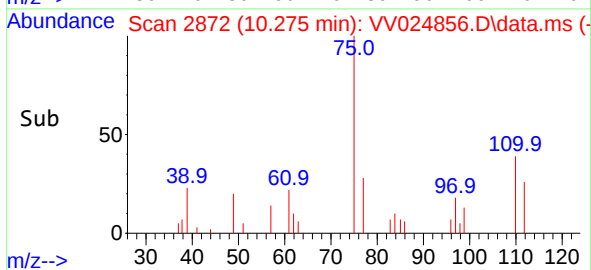
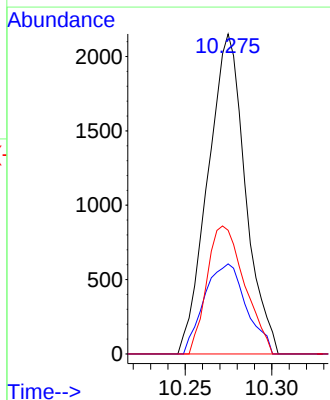
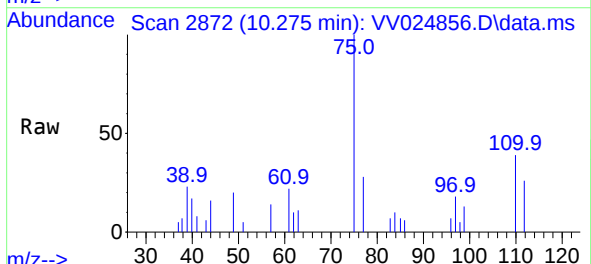
Manual Integrations
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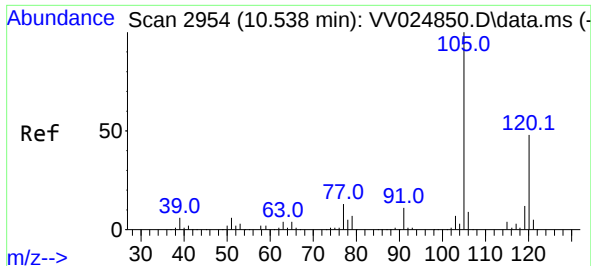
Reviewed By :John Carlone 03/03/2022
Supervised By :Mahesh Dadoda 03/03/2022



#61
1,2,3-Trichloropropane
Concen: 0.968 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.003 min
Lab File: VV024856.D
Acq: 02 Mar 2022 18:54

Tgt Ion: 75 Resp: 3233
Ion Ratio Lower Upper
75 100
77 31.7 26.7 40.1
110 40.1 31.4 47.2





#62

1,3,5-Trimethylbenzene

Concen: 0.997 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. 0.000 min

Lab File: VV024856.D

Acq: 02 Mar 2022 18:54

Instrument :

MSVOA_V

ClientSampleId :

MDL01

Tgt Ion:105 Resp: 1343

Ion Ratio Lower Upper

105 100

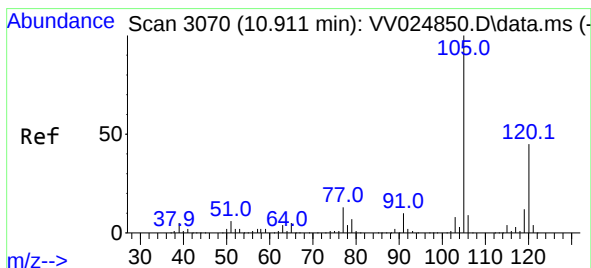
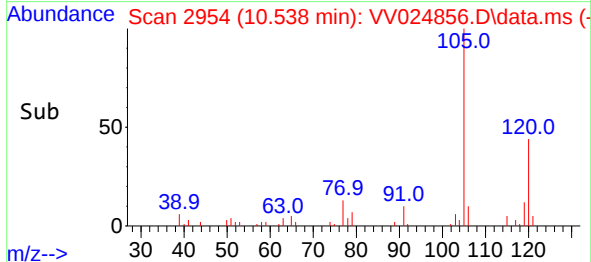
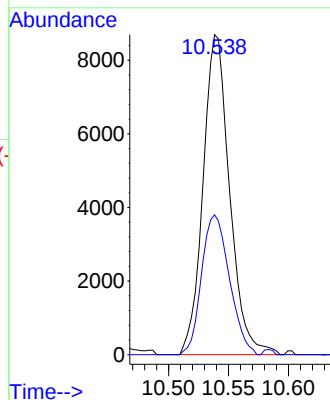
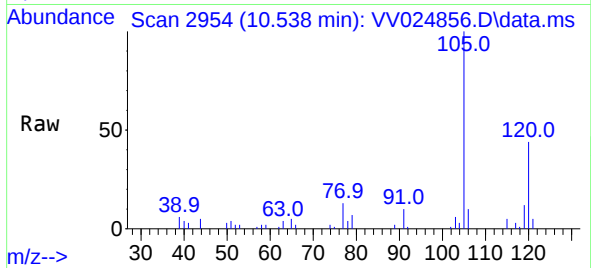
120 45.7 38.5 57.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/03/2022

Supervised By :Mahesh Dadoda 03/03/2022



#63

1,2,4-Trimethylbenzene

Concen: 0.934 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. 0.003 min

Lab File: VV024856.D

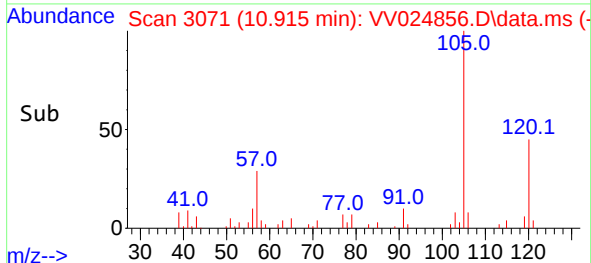
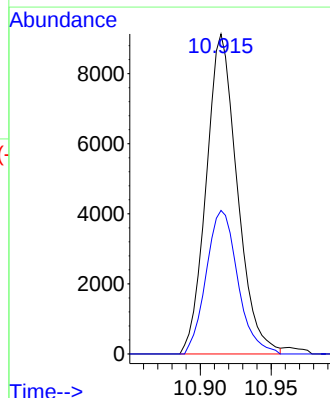
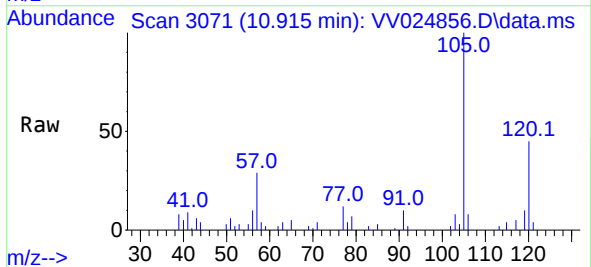
Acq: 02 Mar 2022 18:54

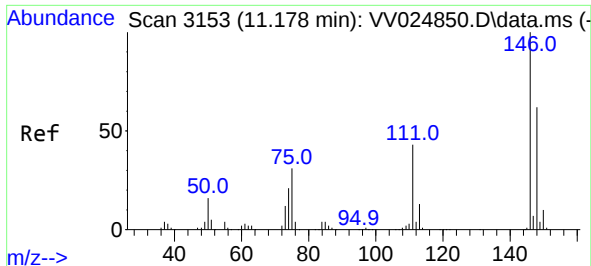
Tgt Ion:105 Resp: 13898

Ion Ratio Lower Upper

105 100

120 45.6 35.8 53.8





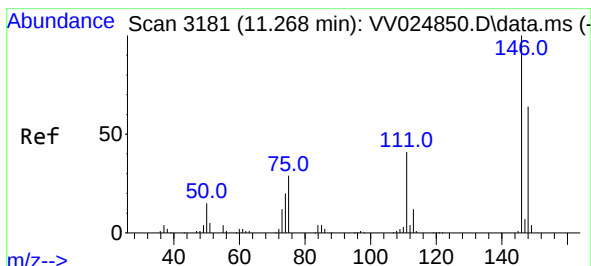
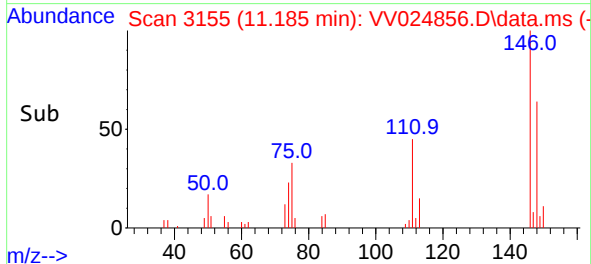
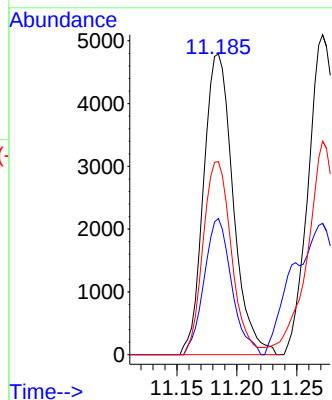
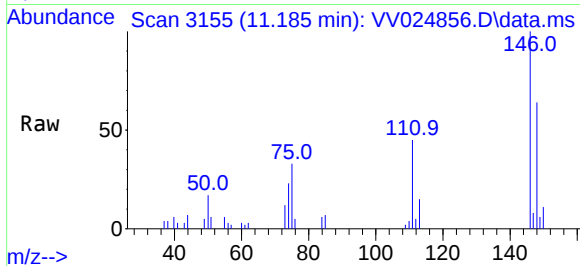
#64
1,3-Dichlorobenzene
Concen: 1.014 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.006 min
Lab File: VV024856.D
Acq: 02 Mar 2022 18:54

Instrument :
MSVOA_V
ClientSampleId :
MDL01

Tgt Ion:146 Resp: 8229
Ion Ratio Lower Upper
146 100
111 45.3 30.0 55.6
148 64.2 43.5 80.9

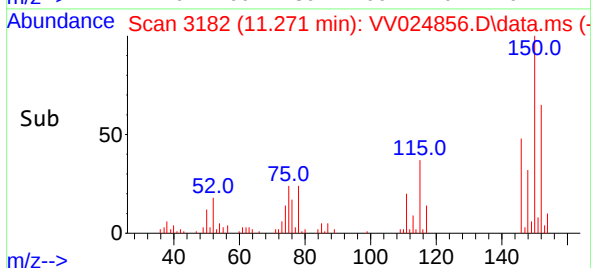
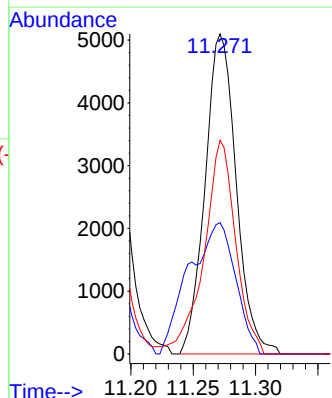
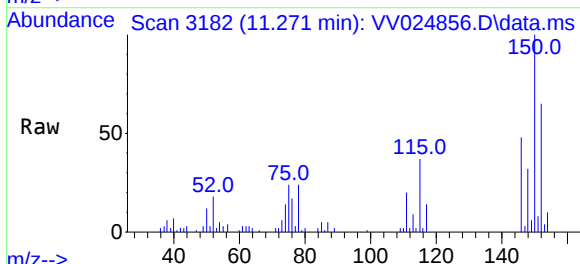
Manual Integrations
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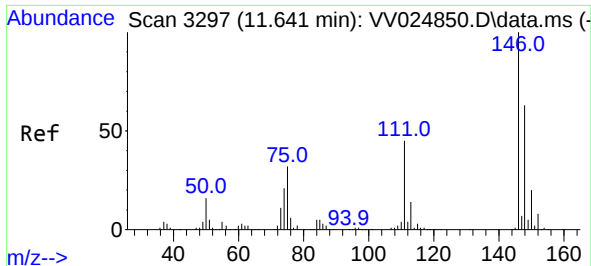
Reviewed By :John Carlone 03/03/2022
Supervised By :Mahesh Dadoda 03/03/2022



#65
1,4-Dichlorobenzene
Concen: 1.077 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.003 min
Lab File: VV024856.D
Acq: 02 Mar 2022 18:54

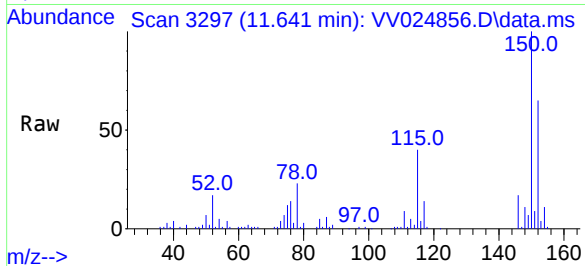
Tgt Ion:146 Resp: 8871
Ion Ratio Lower Upper
146 100
111 41.1 29.2 54.2
148 66.8 45.1 83.7





#67
1,2-Dichlorobenzene
Concen: 1.047 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. 0.000 min
Lab File: VV024856.D
Acq: 02 Mar 2022 18:54

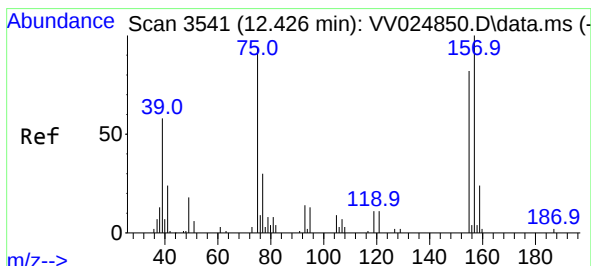
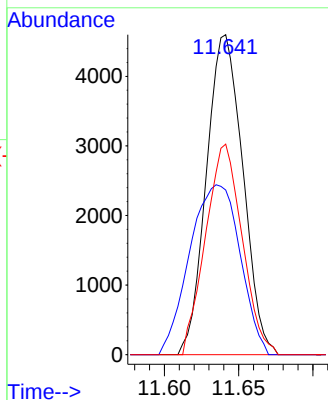
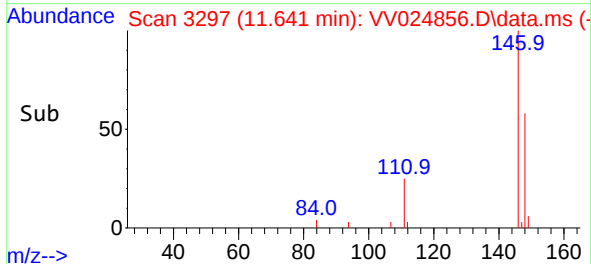
Instrument :
MSVOA_V
ClientSampleId :
MDL01



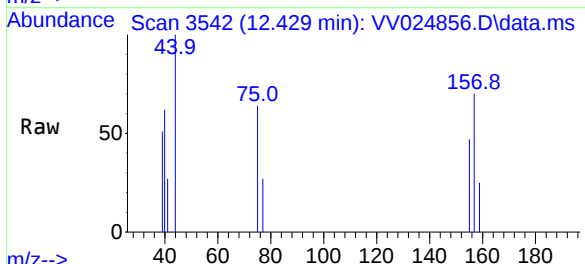
Tgt Ion:146 Resp: 7849
Ion Ratio Lower Upper
146 100
111 51.5 36.4 54.6
148 65.8 50.5 75.7

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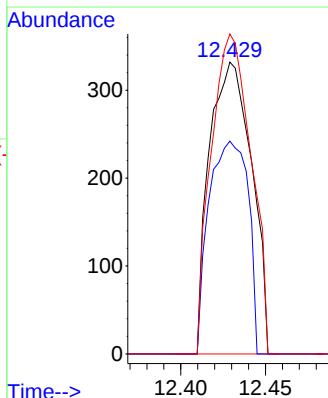
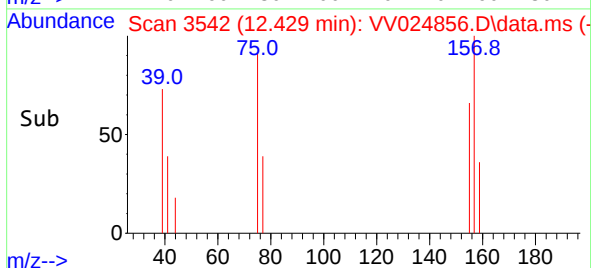
Reviewed By :John Carlone 03/03/2022
Supervised By :Mahesh Dadoda 03/03/2022

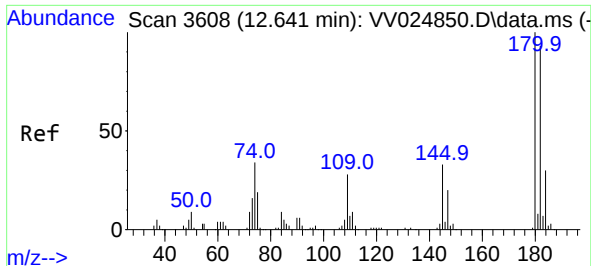


#68
1,2-Dibromo-3-chloropropane
Concen: 0.836 ug/L m
RT: 12.429 min Scan# 3542
Delta R.T. 0.003 min
Lab File: VV024856.D
Acq: 02 Mar 2022 18:54



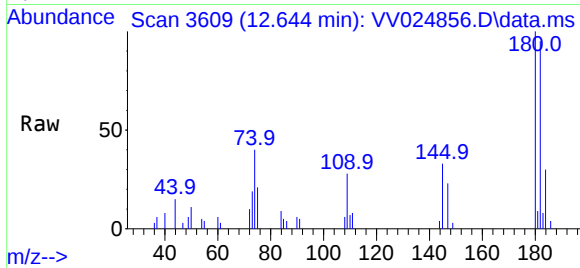
Tgt Ion: 75 Resp: 573
Ion Ratio Lower Upper
75 100
155 72.9 69.8 104.6
157 109.6 85.3 127.9





#69
1,3,5-Trichlorobenzene
Concen: 0.969 ug/L
RT: 12.644 min Scan# 3608
Delta R.T. 0.003 min
Lab File: VV024856.D
Acq: 02 Mar 2022 18:54

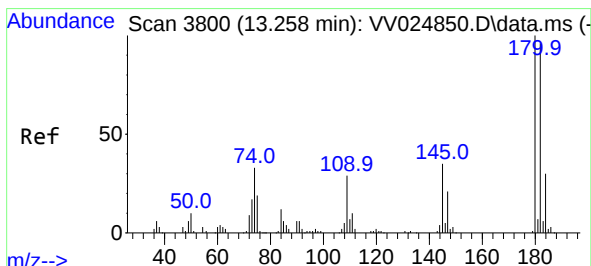
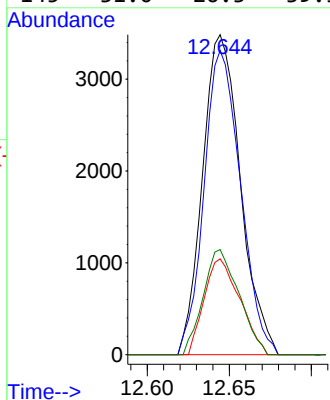
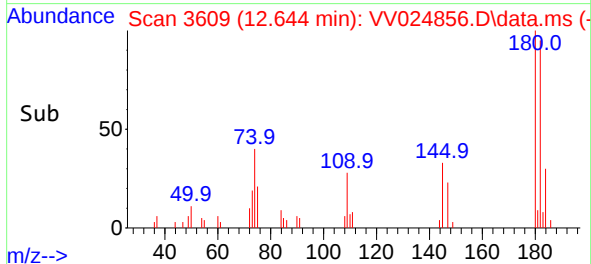
Instrument :
MSVOA_V
ClientSampleId :
MDL01



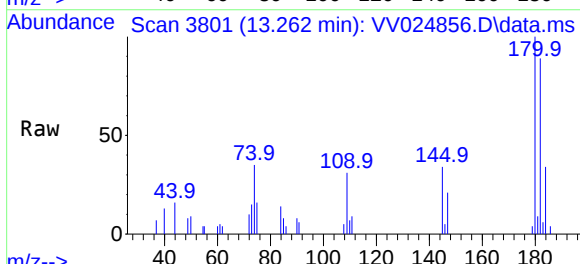
Tgt Ion:180 Resp: 5590
Ion Ratio Lower Upper
180 100
182 91.5 75.8 113.8
184 28.1 24.2 36.4
145 31.0 26.3 39.5

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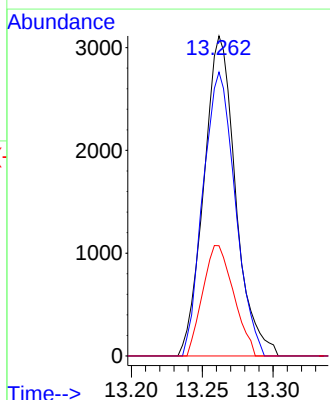
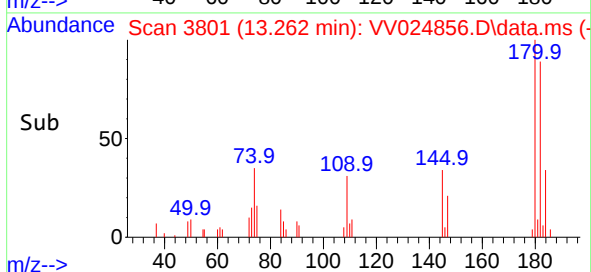
Reviewed By :John Carlone 03/03/2022
Supervised By :Mahesh Dadoda 03/03/2022

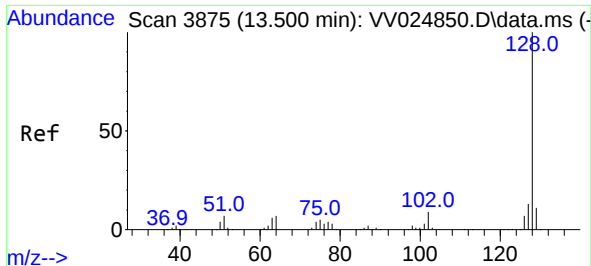


#70
1,2,4-trichlorobenzene
Concen: 0.968 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. 0.003 min
Lab File: VV024856.D
Acq: 02 Mar 2022 18:54



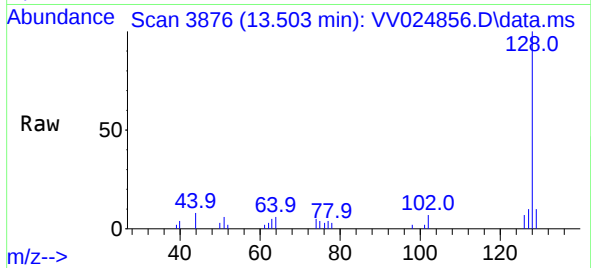
Tgt Ion:180 Resp: 4860
Ion Ratio Lower Upper
180 100
182 89.5 76.0 114.0
145 33.5 27.0 40.4





#71
Naphthalene
Concen: 0.864 ug/L
RT: 13.503 min Scan# 3875
Delta R.T. 0.003 min
Lab File: VV024856.D
Acq: 02 Mar 2022 18:54

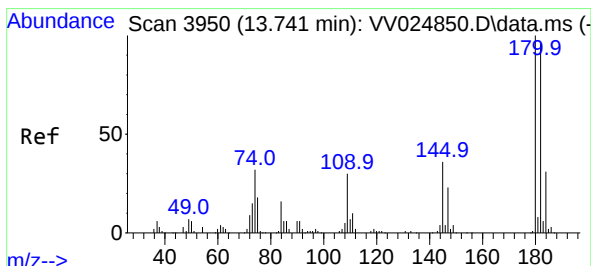
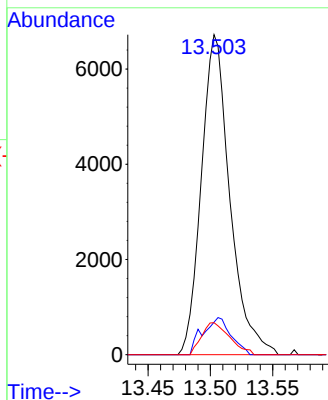
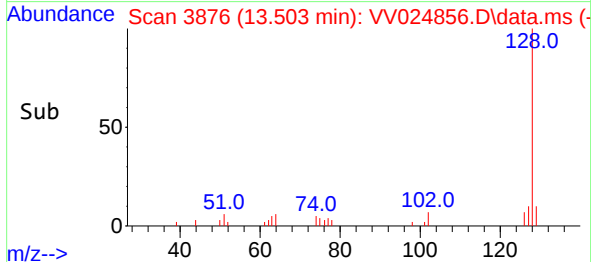
Instrument :
MSVOA_V
ClientSampleId :
MDL01



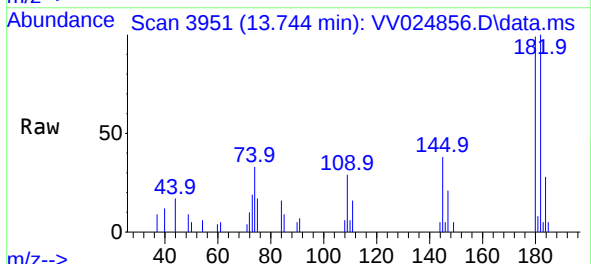
Tgt Ion:128 Resp: 1071
Ion Ratio Lower Upper
128 100
127 9.2 10.1 15.1
129 9.8 8.7 13.1

Manual Integrations
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Reviewed By :John Carlone 03/03/2022
Supervised By :Mahesh Dadoda 03/03/2022



#72
1,2,3-Trichlorobenzene
Concen: 0.933 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.003 min
Lab File: VV024856.D
Acq: 02 Mar 2022 18:54



Tgt Ion:180 Resp: 4330
Ion Ratio Lower Upper
180 100
182 97.4 77.0 115.4
145 33.8 28.3 42.5

