

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW010822\
 Data File : VW024313.D
 Acq On : 08 Jan 2022 12:59
 Operator : SY/MD
 Sample : MDL03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL03

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone
 01/10/2022

Supervised By :Mahesh
 Dadoda
 01/10/2022

Quant Time: Jan 10 02:09:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR010422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jan 10 01:53:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	96764	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	98033	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	54056	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	33800	4.301	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.000%
7) Chloroethane-d5	1.568	69	29055	4.703	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.000%
11) 1,1-Dichloroethene-d2	2.108	63	52103	3.381	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.600%
20) 2-Butanone-d5	3.921	46	50011m	48.954	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.900%
24) Chloroform-d	4.346	84	70634	4.797	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
26) 1,2-Dichloroethane-d4	5.034	65	34916	5.013	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.200%
32) Benzene-d6	5.047	84	130600	4.756	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
36) 1,2-Dichloropropane-d6	6.069	67	36867	5.165	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.400%
41) Toluene-d8	7.313	98	120656	4.423	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
43) trans-1,3-Dichloroprop...	7.622	79	14886	4.553	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.000%
46) 2-Hexanone-d5	8.091	63	48600	47.570	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.140%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	24469	4.711	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	48855	5.203	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.000%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	2218	0.182	ug/L	100
3) Chloromethane	1.240	50	1796	0.221	ug/L	91
5) Vinyl chloride	1.310	62	2156	0.241	ug/L #	55
6) Bromomethane	1.523	94	1204	0.203	ug/L	92
8) Chloroethane	1.587	64	1365	0.242	ug/L	98
9) Trichlorofluoromethane	1.751	101	3462	0.195	ug/L	90
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	2362	0.264	ug/L #	84
12) 1,1-Dichloroethene	2.117	96	2153	0.282	ug/L #	1
13) Acetone	2.207	43	2213m	2.253	ug/L	
14) Carbon disulfide	2.297	76	3907	0.217	ug/L	98
15) Methyl Acetate	2.439	43	410m	0.199	ug/L	
16) Methylene chloride	2.510	84	2480	0.212	ug/L	97
17) Methyl tert-butyl Ether	2.770	73	3311	0.180	ug/L #	86
18) trans-1,2-Dichloroethene	2.764	96	1579	0.194	ug/L	93
19) 1,1-Dichloroethane	3.191	63	3158	0.219	ug/L #	87
21) 2-Butanone	4.008	43	3254m	2.443	ug/L	
22) cis-1,2-Dichloroethene	3.918	96	1810	0.203	ug/L	85
23) Bromochloromethane	4.249	128	807	0.203	ug/L #	70
25) Chloroform	4.375	83	5015	0.290	ug/L	90

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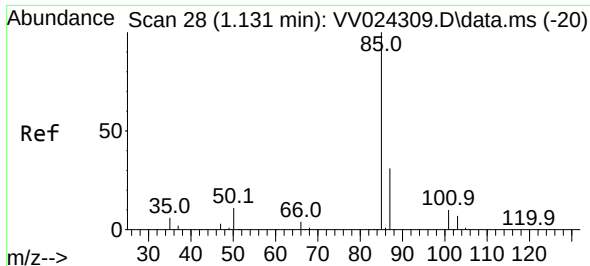
Reviewed By :John
 Carlone
 01/10/2022

Supervised By :Mahesh
 Dadoda
 01/10/2022

Quant Time: Jan 10 02:09:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR010422WMA.M
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 QLast Update : Mon Jan 10 01:53:06 2022
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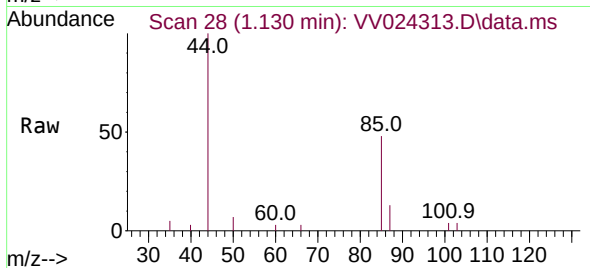
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
27) 1,2-Dichloroethane	5.149	62	2117	0.221	ug/L	#	83
29) 1,1,1-Trichloroethane	4.612	97	3427	0.204	ug/L		98
30) Cyclohexane	4.683	56	1945	0.184	ug/L	#	78
31) Carbon tetrachloride	4.825	117	3023	0.198	ug/L		95
33) Benzene	5.108	78	6782	0.210	ug/L		100
34) Trichloroethene	5.921	95	1816	0.201	ug/L		87
35) Methylcyclohexane	6.124	83	2678	0.212	ug/L		90
37) 1,2-Dichloropropane	6.178	63	1699	0.227	ug/L	#	84
38) Bromodichloromethane	6.513	83	2079	0.176	ug/L	#	86
39) cis-1,3-Dichloropropene	7.040	75	2056	0.180	ug/L		86
40) 4-Methyl-2-pentanone	7.233	43	5947	1.550	ug/L	#	87
42) Toluene	7.391	91	9198	0.247	ug/L		91
44) trans-1,3-Dichloropropene	7.661	75	2282m	0.222	ug/L		
45) 1,1,2-Trichloroethane	7.841	97	1352	0.222	ug/L	#	85
47) Tetrachloroethene	7.979	164	1639	0.194	ug/L		89
48) 2-Hexanone	8.146	43	11980m	4.231	ug/L		
49) Dibromochloromethane	8.249	129	1695	0.202	ug/L		96
50) 1,2-Dibromoethane	8.355	107	1094	0.198	ug/L	#	89
51) Chlorobenzene	8.879	112	5140	0.200	ug/L		92
52) Ethylbenzene	9.017	91	7799	0.191	ug/L		100
53) m,p-xylene	9.146	106	3070	0.188	ug/L		88
54) o-xylene	9.545	106	2585	0.162	ug/L		84
55) Styrene	9.567	104	4852	0.180	ug/L		92
57) 1,1,2,2-Tetrachloroethane	10.243	83	1208	0.195	ug/L	#	74
59) Bromoform	9.738	173	648	0.144	ug/L	#	95
60) Isopropylbenzene	9.931	105	6938	0.174	ug/L	#	97
61) 1,2,3-Trichloropropane	10.278	75	924	0.211	ug/L		95
62) 1,3,5-Trimethylbenzene	10.538	105	5934	0.174	ug/L		99
63) 1,2,4-Trimethylbenzene	10.918	105	6434	0.185	ug/L		97
64) 1,3-Dichlorobenzene	11.185	146	4483	0.212	ug/L		98
65) 1,4-Dichlorobenzene	11.275	146	4769	0.226	ug/L		99
67) 1,2-Dichlorobenzene	11.641	146	4223	0.220	ug/L	#	92
68) 1,2-Dibromo-3-chloropr...	12.422	75	77	0.080	ug/L	#	45
69) 1,3,5-Trichlorobenzene	12.648	180	3554	0.203	ug/L		97
70) 1,2,4-trichlorobenzene	13.265	180	2709	0.197	ug/L		96
71) Naphthalene	13.509	128	3261	0.170	ug/L		97
72) 1,2,3-Trichlorobenzene	13.744	180	2282	0.192	ug/L		95

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



#2
 Dichlorodifluoromethane
 Concen: 0.182 ug/L
 RT: 1.130 min Scan# 2218
 Delta R.T. -0.000 min
 Lab File: VV024313.D
 Acq: 08 Jan 2022 12:59

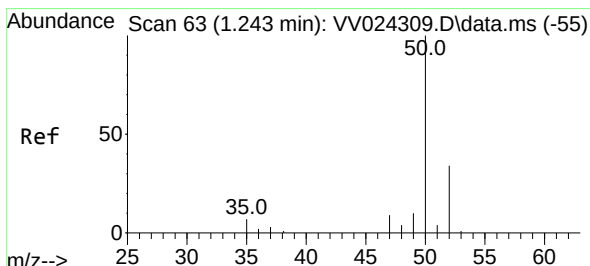
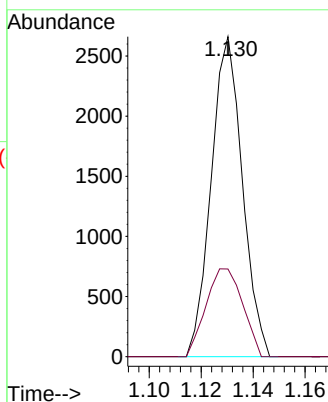
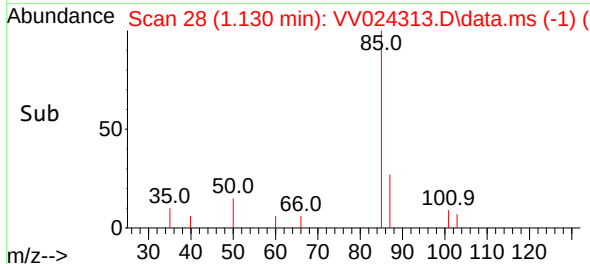
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL03



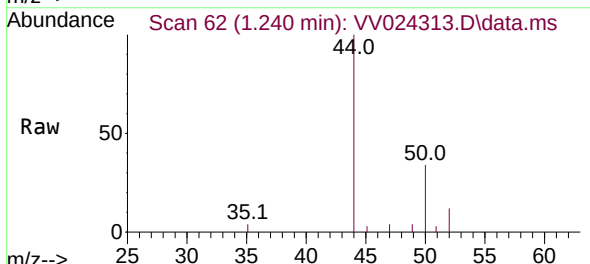
Tgt Ion: 85 Resp: 2218
 Ion Ratio Lower Upper
 85 100
 87 32.2 26.0 39.0

Manual Integrations
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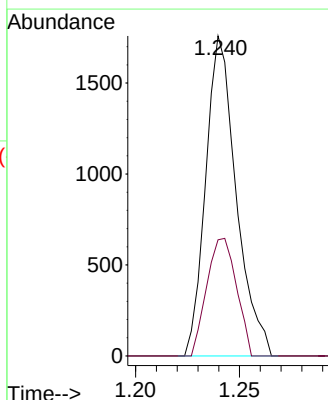
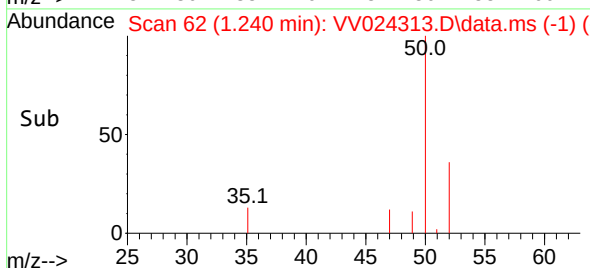
Reviewed By :John
 Carlone
 01/10/2022
 Supervised By :Mahesh
 Dadoda
 01/10/2022

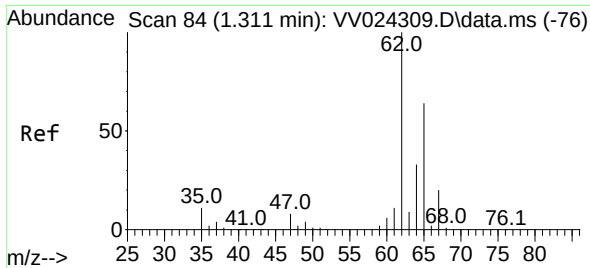


#3
 Chloromethane
 Concen: 0.221 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.003 min
 Lab File: VV024313.D
 Acq: 08 Jan 2022 12:59



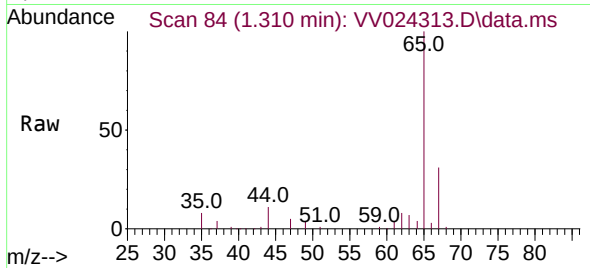
Tgt Ion: 50 Resp: 1796
 Ion Ratio Lower Upper
 50 100
 52 36.3 22.0 41.0





#5
 Vinyl chloride
 Concen: 0.241 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV024313.D
 Acq: 08 Jan 2022 12:59

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL03

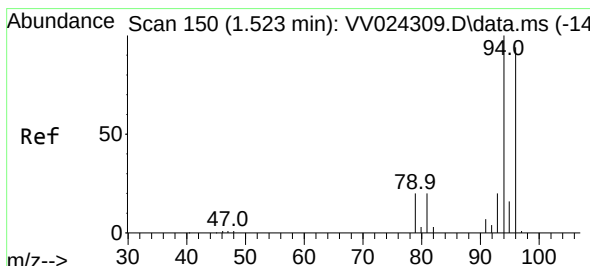
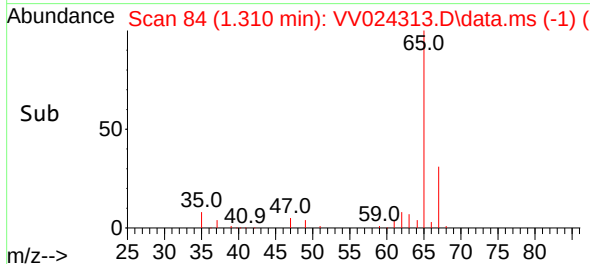
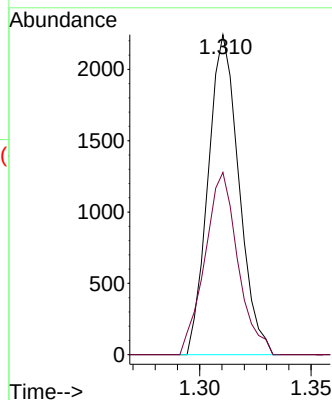


Tgt Ion: 62 Resp: 2150
 Ion Ratio Lower Upper
 62 100
 64 56.9 22.4 41.6

Manual Integrations
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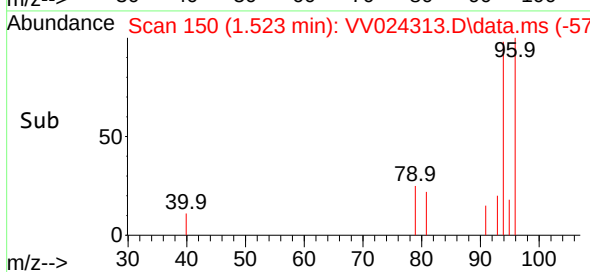
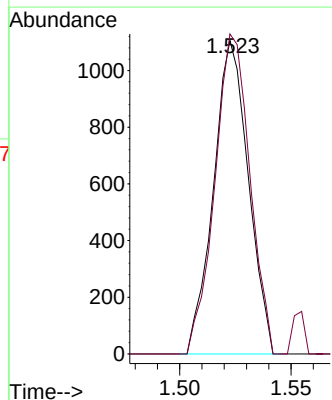
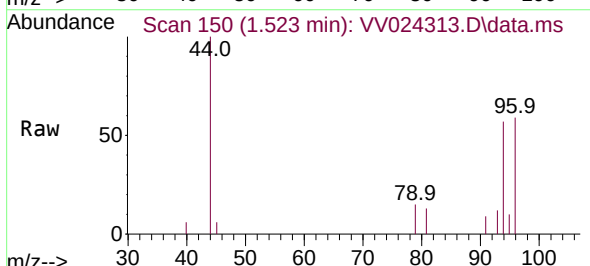
Reviewed By :John
 Carlone
 01/10/2022

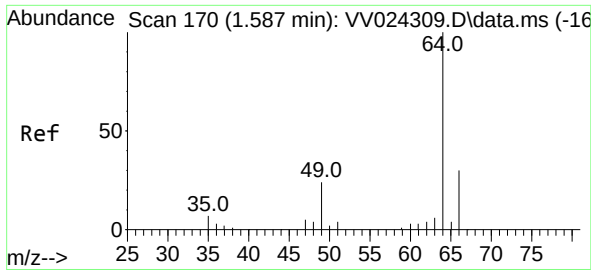
Supervised By :Mahesh
 Dadoda
 01/10/2022



#6
 Bromomethane
 Concen: 0.203 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.000 min
 Lab File: VV024313.D
 Acq: 08 Jan 2022 12:59

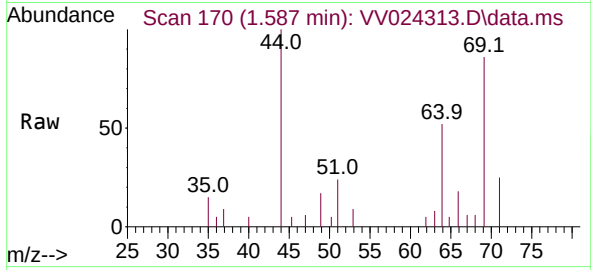
Tgt Ion: 94 Resp: 1204
 Ion Ratio Lower Upper
 94 100
 96 102.1 66.2 123.0





#8
Chloroethane
Concen: 0.242 ug/L
RT: 1.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV024313.D
Acq: 08 Jan 2022 12:59

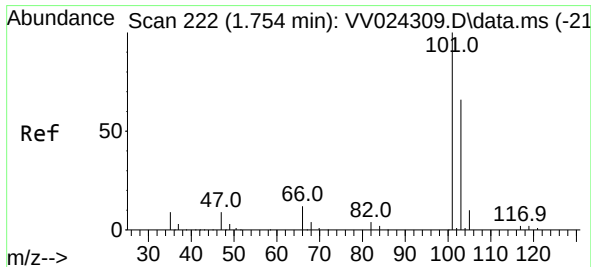
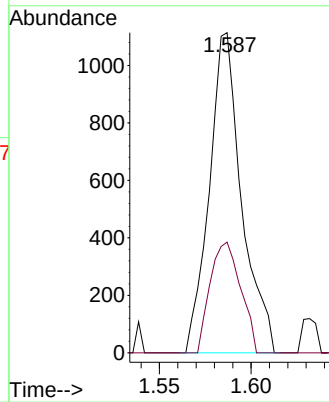
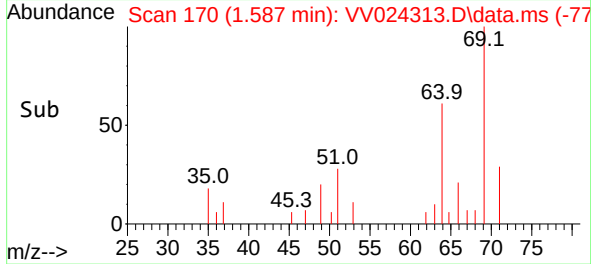
Instrument :
MSVOA_V
ClientSampleId :
MDL03



Tgt Ion: 64 Resp: 136
Ion Ratio Lower Upper
64 100
66 31.6 21.4 39.8

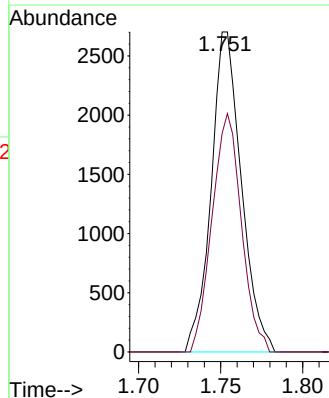
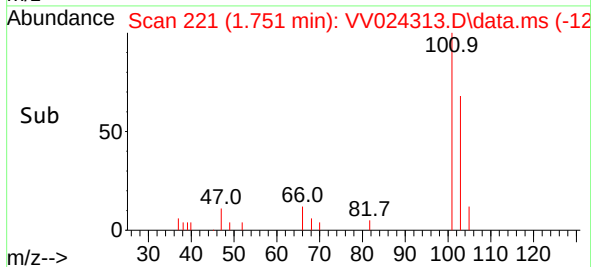
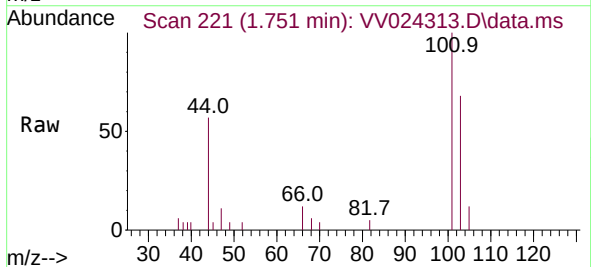
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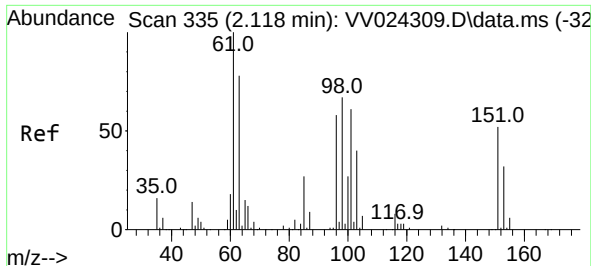
Reviewed By :John
Carlone
01/10/2022
Supervised By :Mahesh
Dadoda
01/10/2022



#9
Trichlorofluoromethane
Concen: 0.195 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.003 min
Lab File: VV024313.D
Acq: 08 Jan 2022 12:59

Tgt Ion:101 Resp: 3462
Ion Ratio Lower Upper
101 100
103 72.2 51.6 77.4





#10

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

Concen: 0.264 ug/L

RT: 2.114 min Scan# 335

Delta R.T. -0.003 min

Lab File: VV024313.D

Acq: 08 Jan 2022 12:59

Instrument :

MSVOA_V

ClientSampleId :

MDL03

Tgt Ion:	101	Resp:	236
Ion Ratio	Lower	Upper	
101	100		
85	39.3	36.0	54.0
151	65.4	66.4	99.6

Manual Integrations

APPROVED

Reviewed By :John

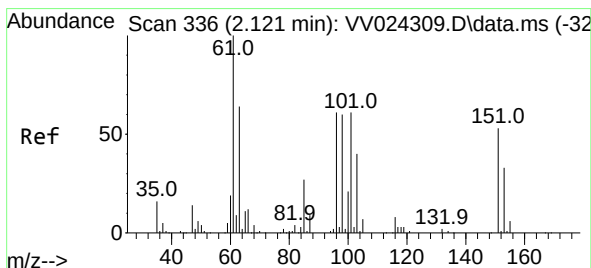
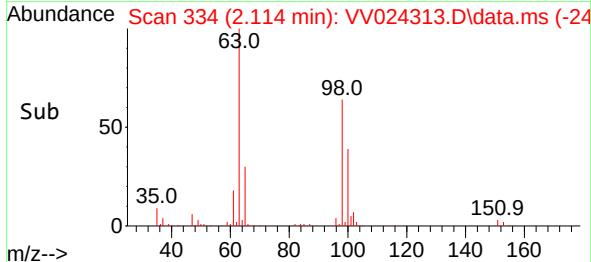
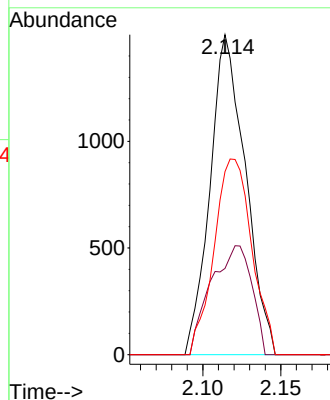
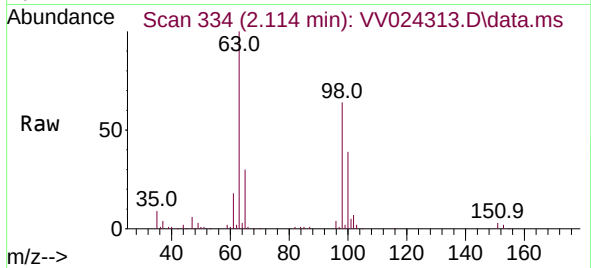
Carlone

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Supervised By :Mahesh

Dadoda

01/10/2022



#12

1,1-Dichloroethene

Concen: 0.282 ug/L

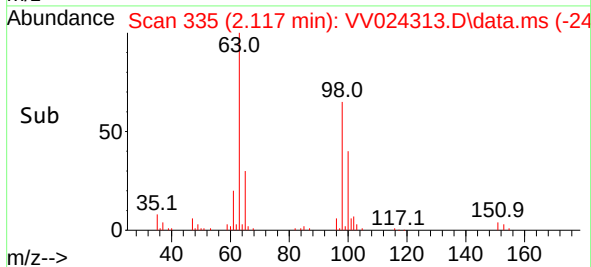
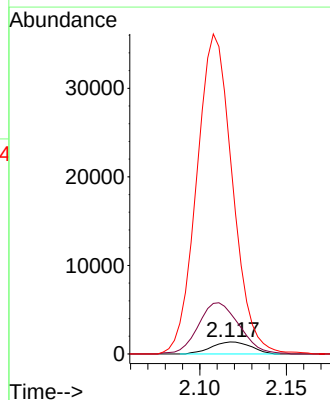
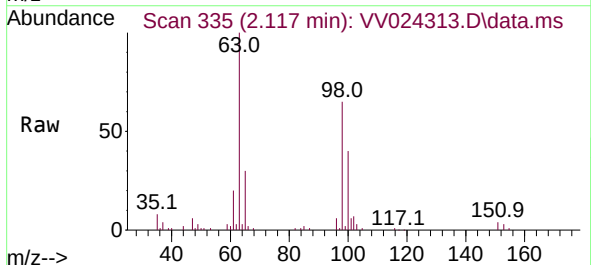
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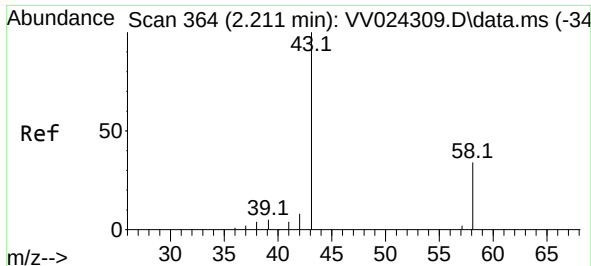
Delta R.T. -0.003 min

Lab File: VV024313.D

Acq: 08 Jan 2022 12:59

Tgt Ion:	96	Resp:	2153
Ion Ratio	Lower	Upper	
96	100		
61	345.1	116.1	215.5#
63	1684.1	79.4	147.4#





#13

Acetone

Concen: 2.253 ug/L m

RT: 2.207 min Scan# 3

Delta R.T. -0.003 min

Lab File: VV024313.D

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Instrument :

MSVOA_V

ClientSampleId :

MDL03

Tgt Ion: 43 Resp: 221

Ion Ratio Lower Upper

43 100

58 4.3 0.0 41.4

Manual Integrations

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Reviewed By :John

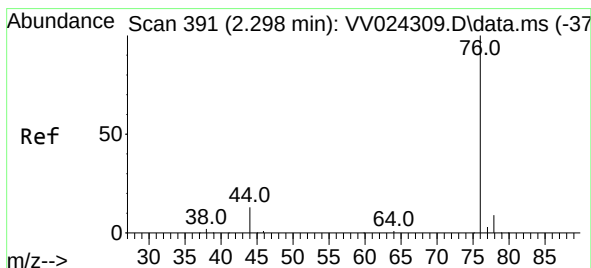
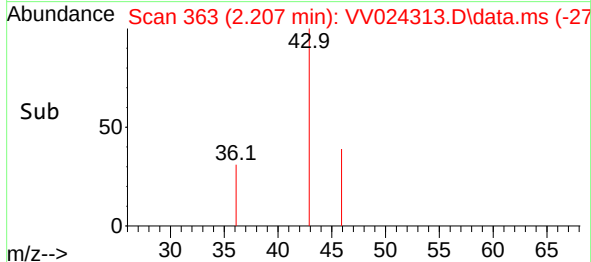
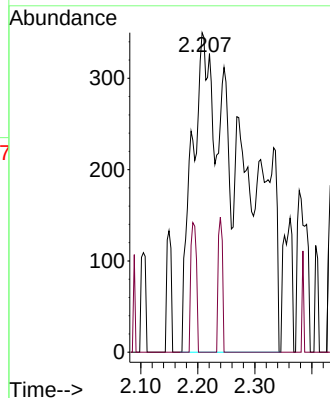
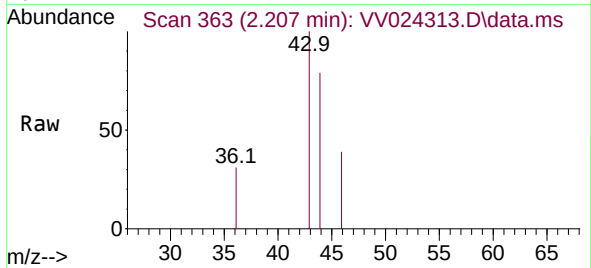
Carlone

01/10/2022

Supervised By :Mahesh

Dadoda

01/10/2022



#14

Carbon disulfide

Concen: 0.217 ug/L

RT: 2.297 min Scan# 391

Delta R.T. -0.000 min

Lab File: VV024313.D

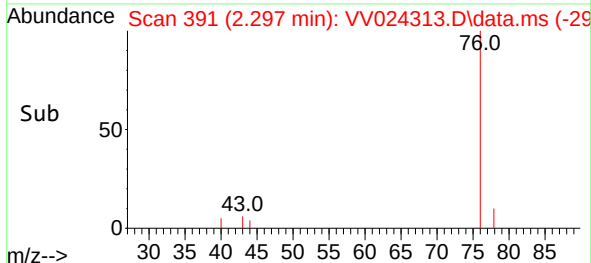
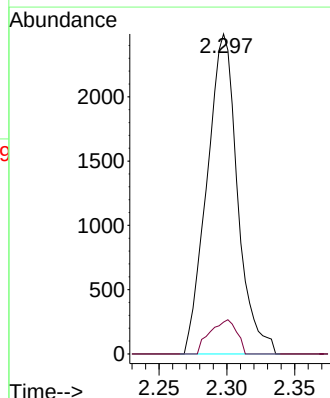
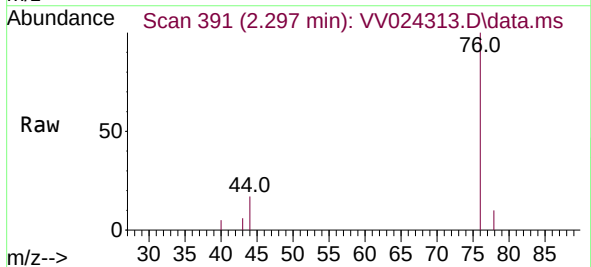
Acq: 08 Jan 2022 12:59

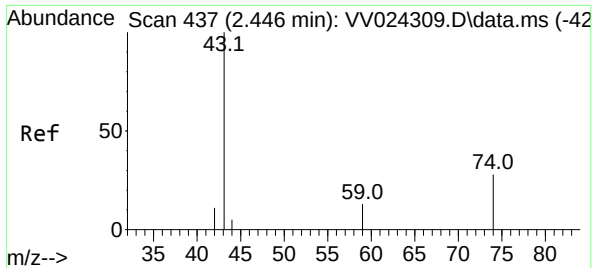
Tgt Ion: 76 Resp: 3907

Ion Ratio Lower Upper

76 100

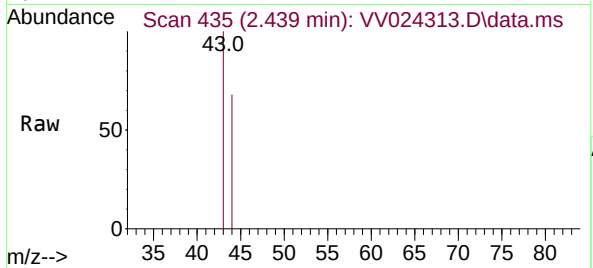
78 10.0 7.5 11.3





#15
Methyl Acetate
Concen: 0.199 ug/L m
RT: 2.439 min Scan# 410
Delta R.T. -0.007 min
Lab File: VV024313.D
Acq: 08 Jan 2022 12:59

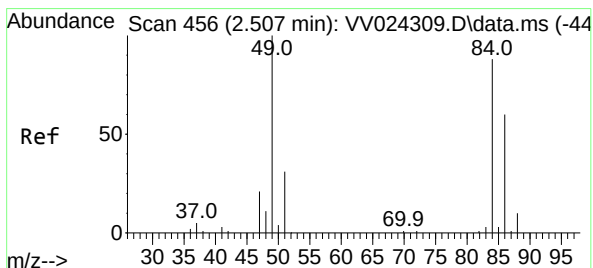
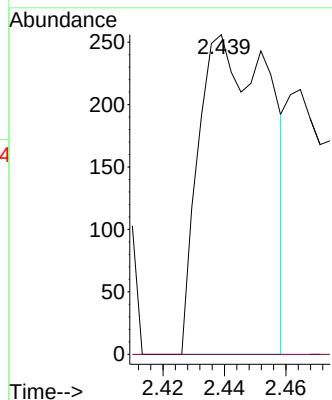
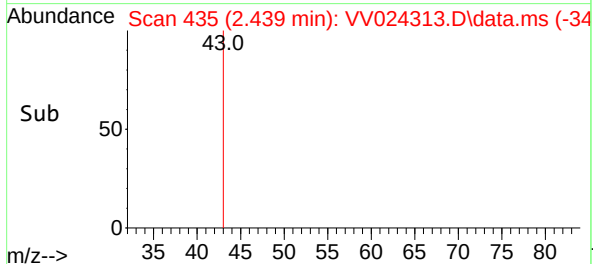
Instrument :
MSVOA_V
ClientSampleId :
MDL03



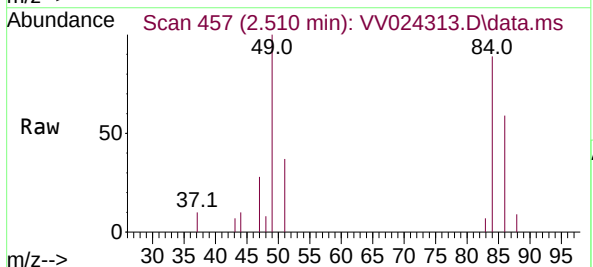
Tgt Ion: 43 Resp: 410
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2

Manual Integrations
APPROVED

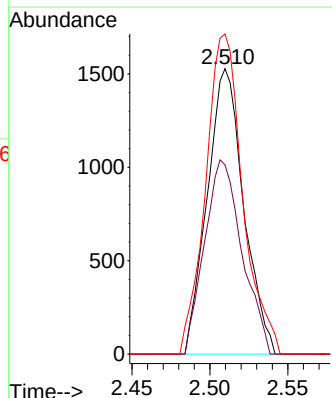
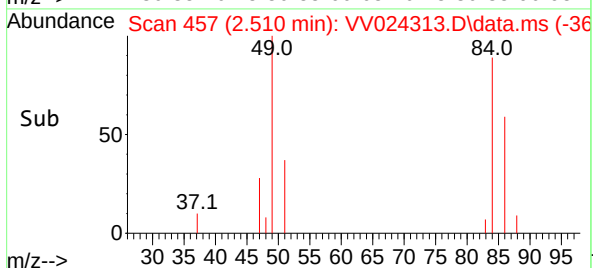
Reviewed By :John
Carlone
01/10/2022
Supervised By :Mahesh
Dadoda
01/10/2022

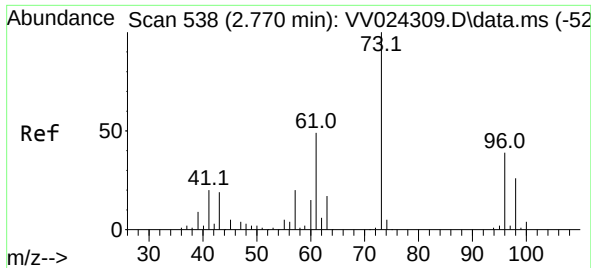


#16
Methylene chloride
Concen: 0.212 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.003 min
Lab File: VV024313.D
Acq: 08 Jan 2022 12:59



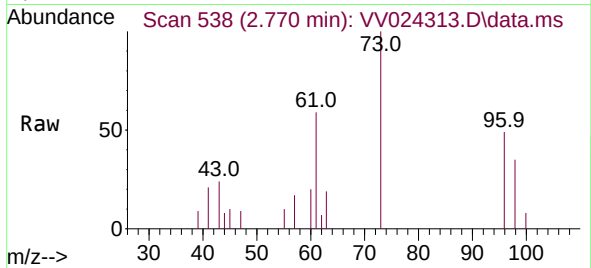
Tgt Ion: 84 Resp: 2480
Ion Ratio Lower Upper
84 100
86 66.3 42.6 79.0
49 112.2 79.7 147.9





#17
Methyl tert-butyl Ether
Concen: 0.180 ug/L
RT: 2.770 min Scan# 538
Delta R.T. -0.000 min
Lab File: VV024313.D
Acq: 08 Jan 2022 12:59

Instrument :
MSVOA_V
ClientSampleId :
MDL03

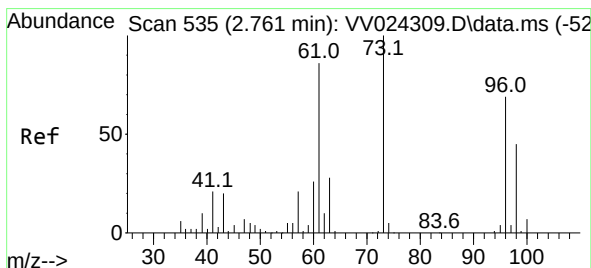
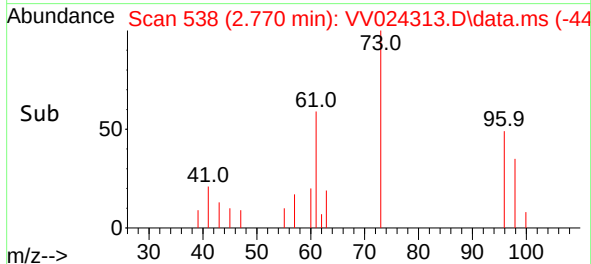
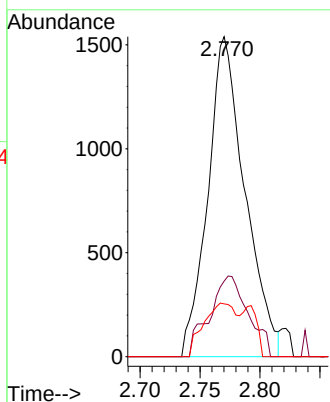


Tgt Ion: 73 Resp: 331
Ion Ratio Lower Upper
73 100
43 26.3 15.5 23.3
57 15.0 17.1 25.7

Manual Integrations
APPROVED

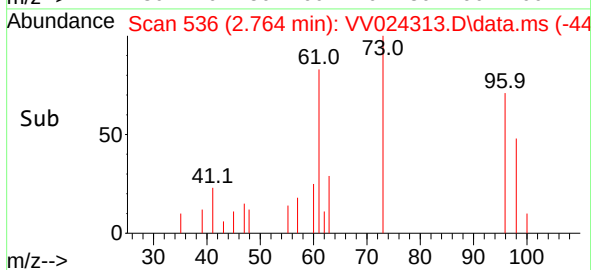
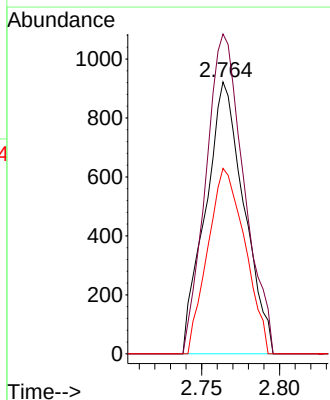
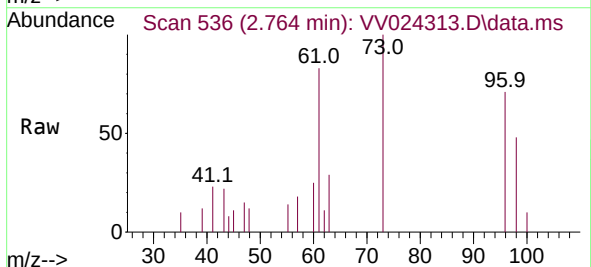
Reviewed By :John
Carlone
01/10/2022

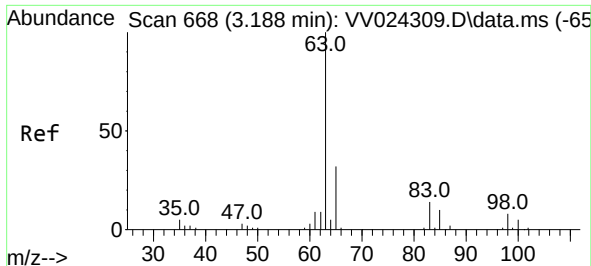
Supervised By :Mahesh
Dadoda
01/10/2022



#18
trans-1,2-Dichloroethene
Concen: 0.194 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV024313.D
Acq: 08 Jan 2022 12:59

Tgt Ion: 96 Resp: 1579
Ion Ratio Lower Upper
96 100
61 117.7 88.2 163.8
98 68.2 44.9 83.5





#19

1,1-Dichloroethane

Concen: 0.219 ug/L

RT: 3.191 min Scan# 60

Delta R.T. 0.003 min

Lab File: VV024313.D

Acq: 08 Jan 2022 12:59

Instrument :

MSVOA_V

ClientSampleId :

MDL03

Tgt Ion: 63	Resp: 315
Ion Ratio	Lower Upper
63 100	
65 21.3	22.3 41.3
83 14.8	10.7 19.9

Manual Integrations

APPROVED

Reviewed By :John

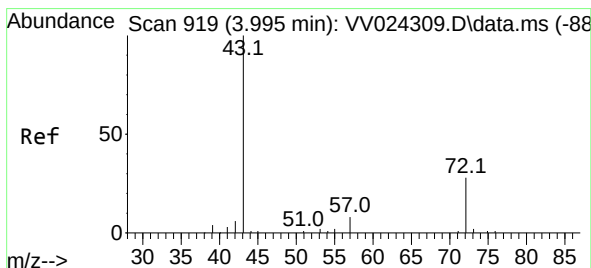
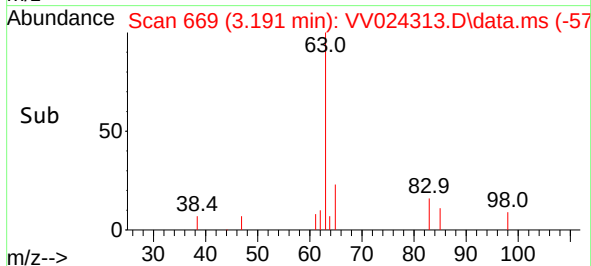
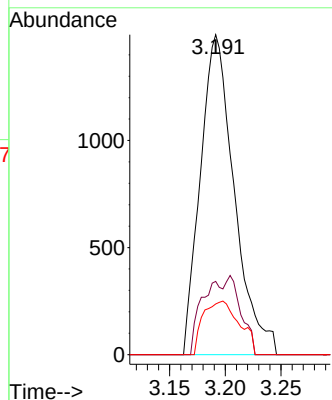
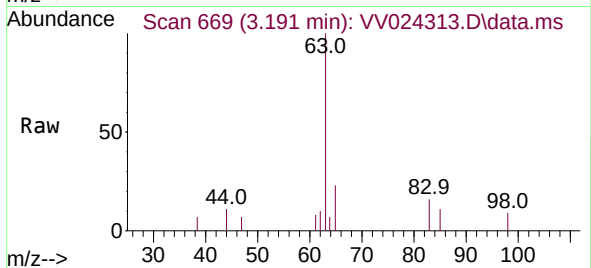
Carlone

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Supervised By :Mahesh

Dadoda

01/10/2022



#21

2-Butanone

Concen: 2.443 ug/L m

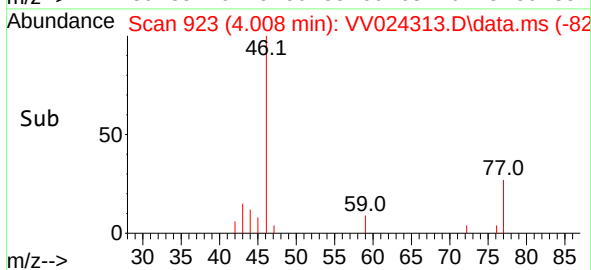
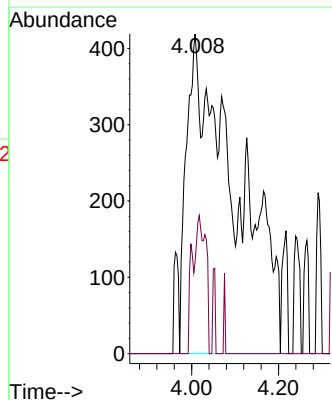
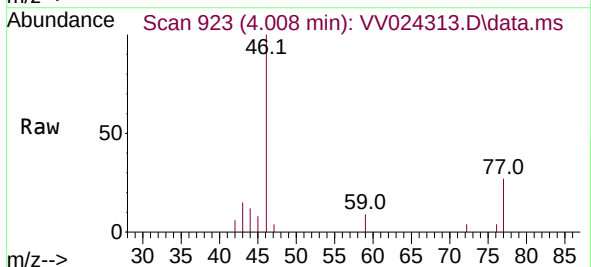
RT: 4.008 min Scan# 923

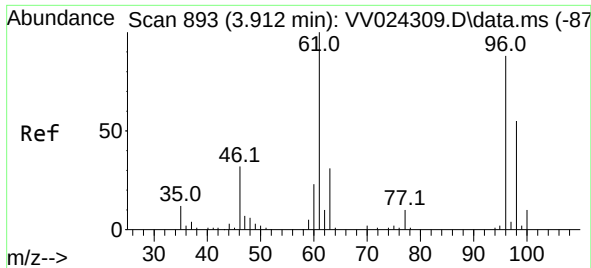
Delta R.T. 0.013 min

Lab File: VV024313.D

Acq: 08 Jan 2022 12:59

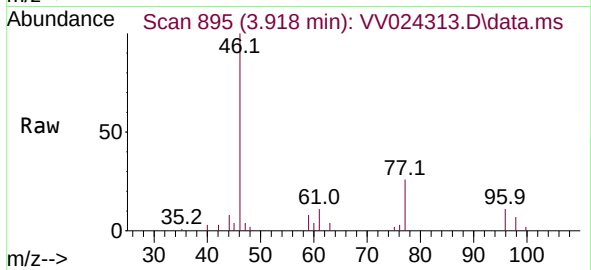
Tgt Ion: 43	Resp: 3254
Ion Ratio	Lower Upper
43 100	
72 2.9	11.1 33.1





#22
 cis-1,2-Dichloroethene
 Concen: 0.203 ug/L
 RT: 3.918 min Scan# 895
 Delta R.T. 0.006 min
 Lab File: VV024313.D
 Acq: 08 Jan 2022 12:59

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL03

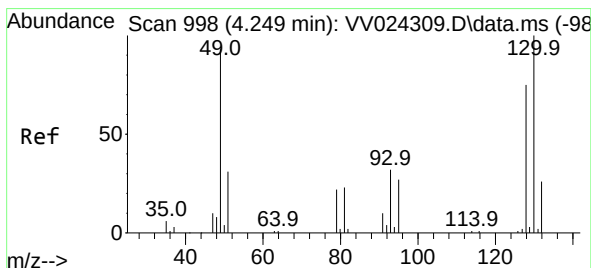
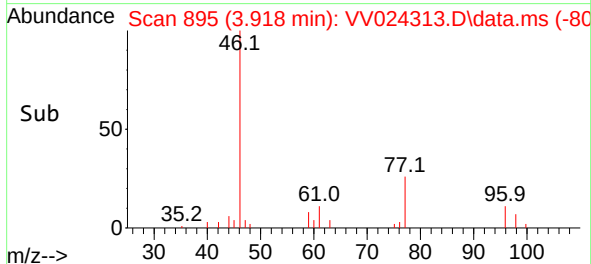
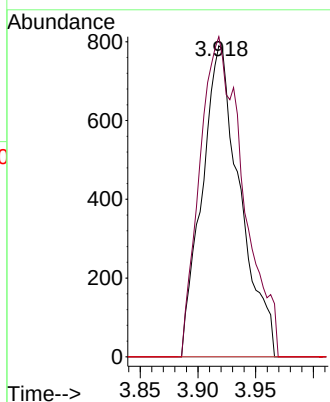


Tgt Ion: 96 Resp: 1810
 Ion Ratio Lower Upper
 96 100
 61 102.9 83.4 154.8
 68 0.0 0.0 0.0

Manual Integrations
 APPROVED

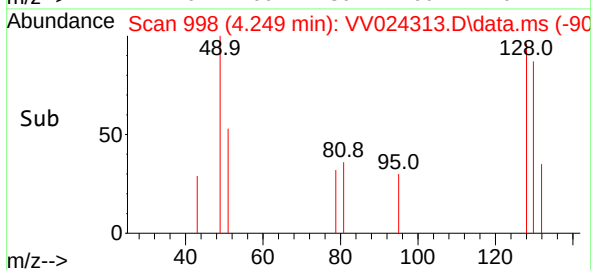
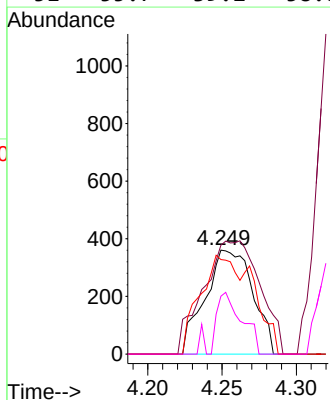
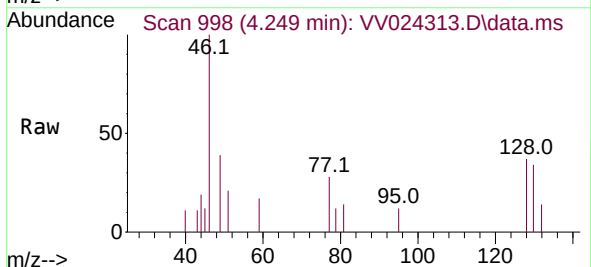
Reviewed By :John
 Carlone
 01/10/2022

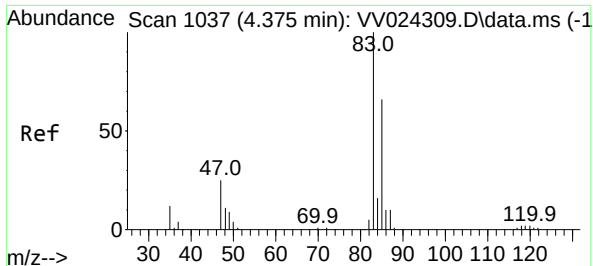
Supervised By :Mahesh
 Dadoda
 01/10/2022



#23
 Bromochloromethane
 Concen: 0.203 ug/L
 RT: 4.249 min Scan# 998
 Delta R.T. -0.000 min
 Lab File: VV024313.D
 Acq: 08 Jan 2022 12:59

Tgt Ion:128 Resp: 807
 Ion Ratio Lower Upper
 128 100
 49 104.7 100.2 186.2
 130 90.9 92.5 171.7#
 51 55.7 39.2 58.8





#25

Chloroform

Concen: 0.290 ug/L

RT: 4.375 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VV024313.D

Acq: 08 Jan 2022 12:59

Instrument :

MSVOA_V

ClientSampleId :

MDL03

Tgt Ion: 83 Resp: 501
 Ion Ratio Lower Upper
 83 100
 85 72.6 45.2 84.0

Manual Integrations
 APPROVED

Reviewed By :John

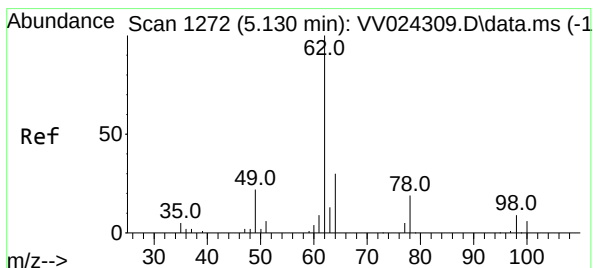
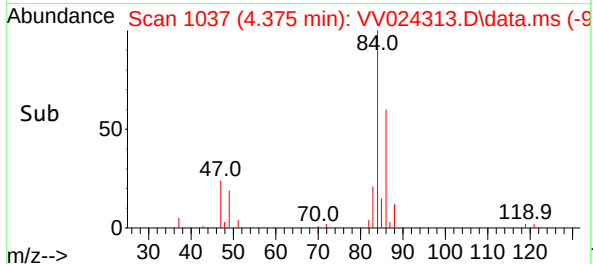
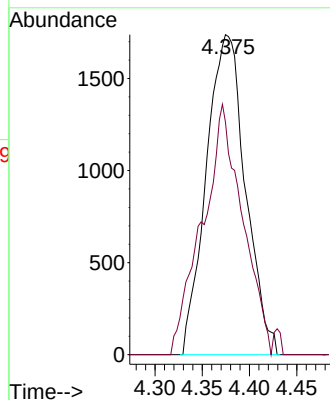
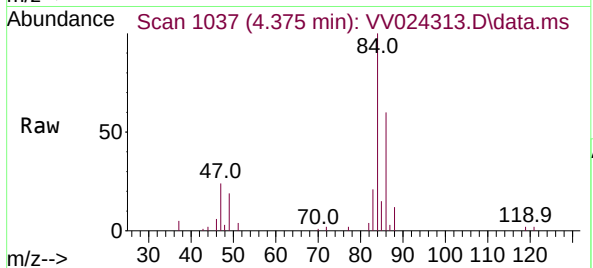
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#27

1,2-Dichloroethane

Concen: 0.221 ug/L

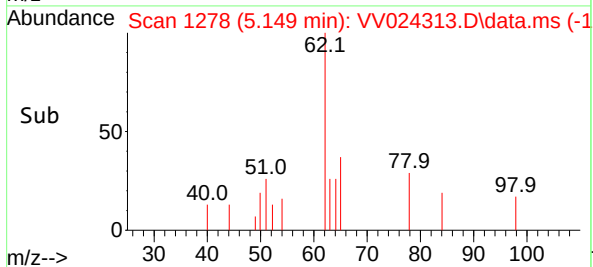
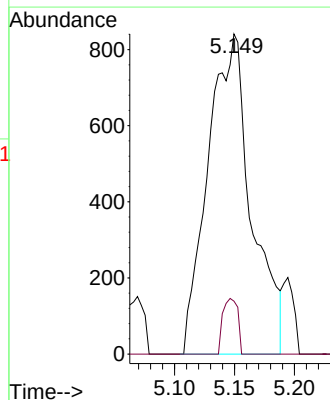
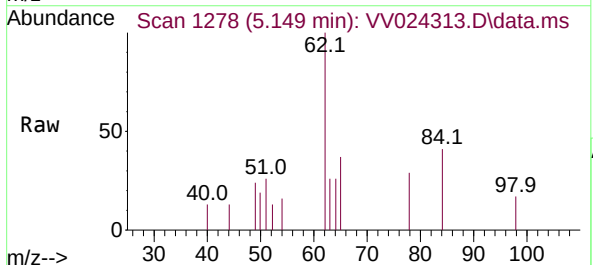
RT: 5.149 min Scan# 1278

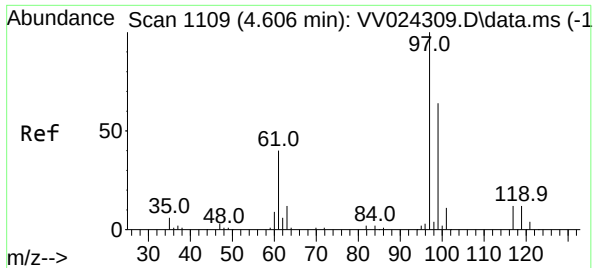
Delta R.T. 0.019 min

Lab File: VV024313.D

Acq: 08 Jan 2022 12:59

Tgt Ion: 62 Resp: 2117
 Ion Ratio Lower Upper
 62 100
 98 16.5 8.1 12.1#





#29

1,1,1-Trichloroethane

Concen: 0.204 ug/L

RT: 4.612 min Scan# 1111

Delta R.T. 0.006 min

Lab File: VV024313.D

Acq: 08 Jan 2022 12:59

Instrument :

MSVOA_V

ClientSampleId :

MDL03

Tgt Ion: 97	Resp: 342
Ion Ratio	Lower Upper
97 100	
99 63.0	51.9 77.9
61 40.0	33.2 49.8

Manual Integrations

APPROVED

Reviewed By :John

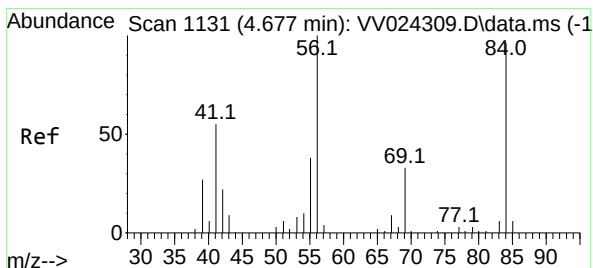
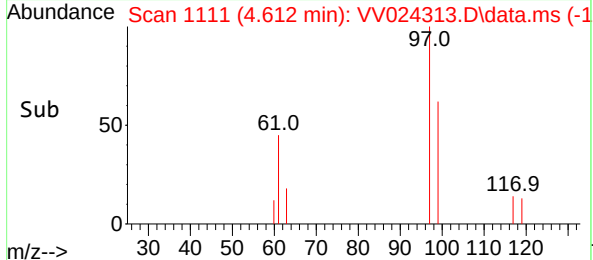
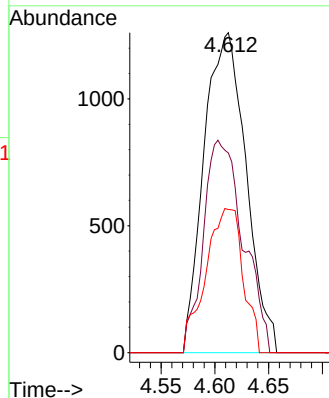
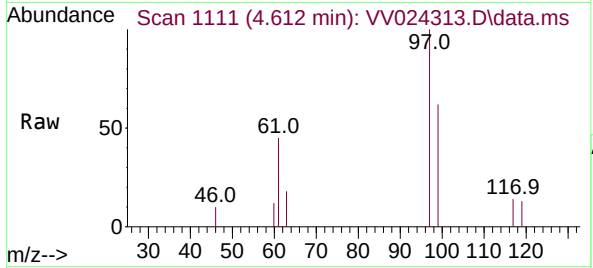
Carlone

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Supervised By :Mahesh

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01/10/2022



#30

Cyclohexane

Concen: 0.184 ug/L

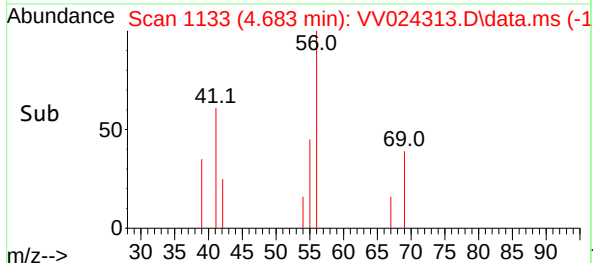
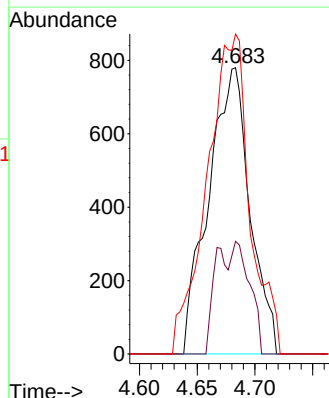
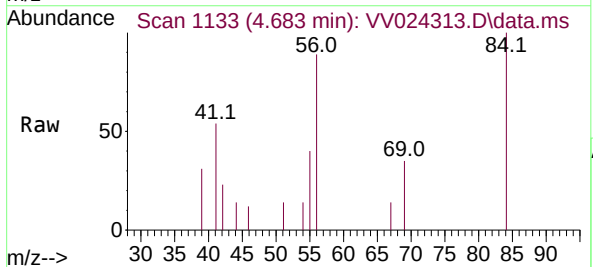
RT: 4.683 min Scan# 1133

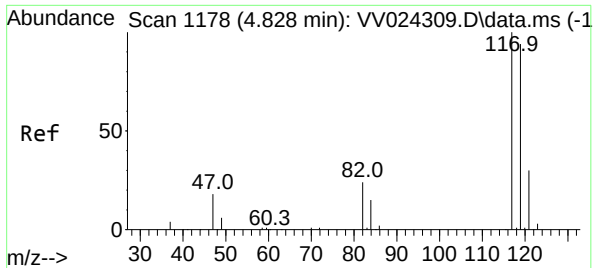
Delta R.T. 0.006 min

Lab File: VV024313.D

Acq: 08 Jan 2022 12:59

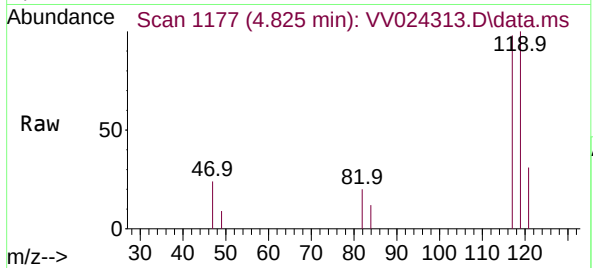
Tgt Ion: 56	Resp: 1945
Ion Ratio	Lower Upper
56 100	
69 17.8	24.8 37.2#
84 115.2	75.9 113.9#





#31
Carbon tetrachloride
Concen: 0.198 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. -0.003 min
Lab File: VV024313.D
Acq: 08 Jan 2022 12:59

Instrument :
MSVOA_V
ClientSampleId :
MDL03

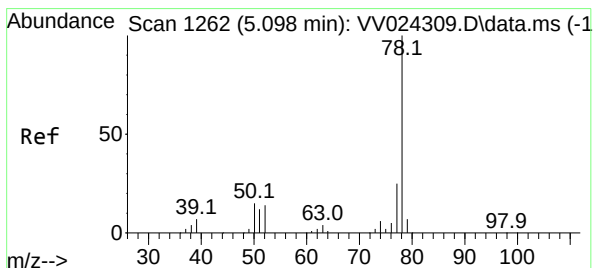
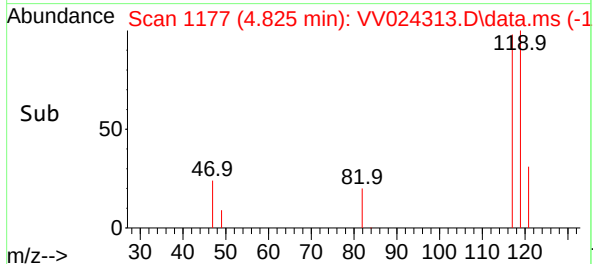
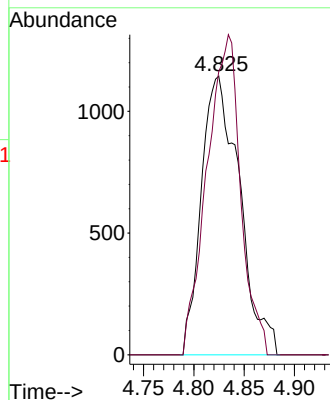


Tgt Ion:117 Resp: 302
Ion Ratio Lower Upper
117 100
119 101.1 76.6 114.8

Manual Integrations
APPROVED

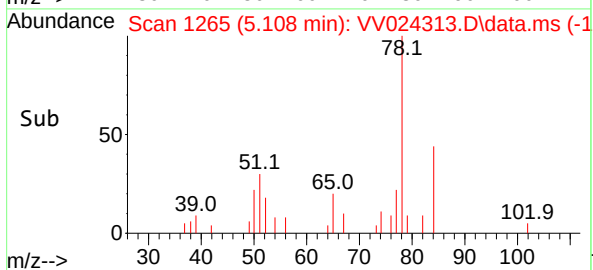
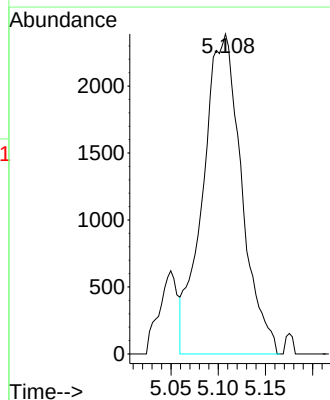
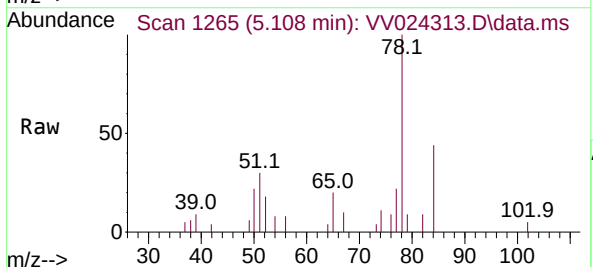
Reviewed By :John
Carlone
01/10/2022

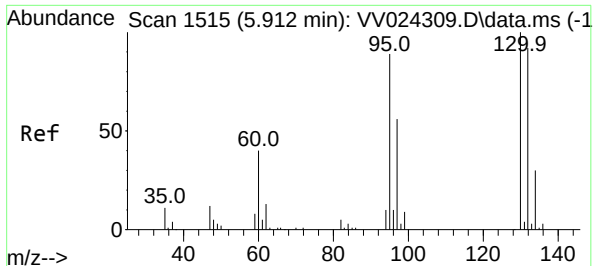
Supervised By :Mahesh
Dadoda
01/10/2022



#33
Benzene
Concen: 0.210 ug/L
RT: 5.108 min Scan# 1265
Delta R.T. 0.009 min
Lab File: VV024313.D
Acq: 08 Jan 2022 12:59

Tgt Ion: 78 Resp: 6782





#34

Trichloroethene

Concen: 0.201 ug/L

RT: 5.921 min Scan# 1515

Delta R.T. 0.009 min

Lab File: VV024313.D

Acq: 08 Jan 2022 12:59

Instrument :

MSVOA_V

ClientSampleId :

MDL03

Tgt Ion: 95 Resp: 1810

Ion Ratio Lower Upper

95 100

97 47.6 45.2 84.0

132 116.7 76.1 141.3

130 93.4 75.4 140.0

Manual Integrations

APPROVED

Reviewed By :John

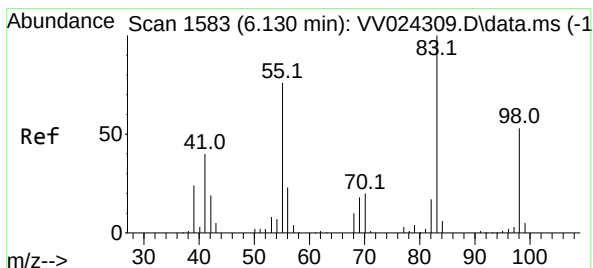
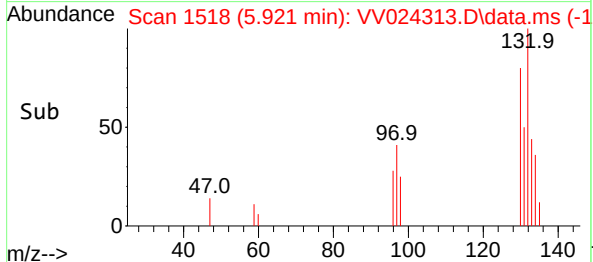
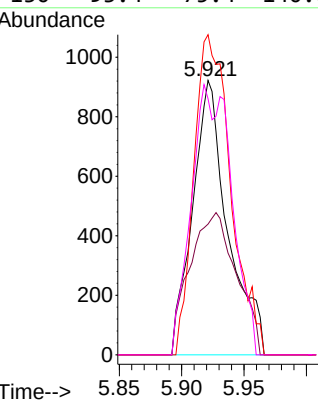
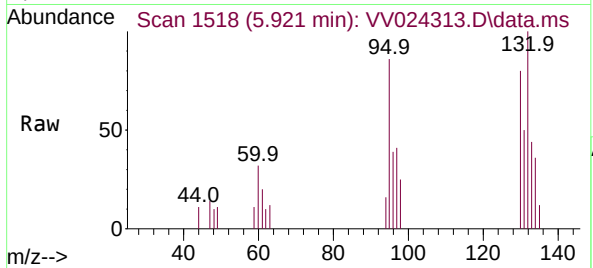
Carlone

01/10/2022

Supervised By :Mahesh

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01/10/2022



#35

Methylcyclohexane

Concen: 0.212 ug/L

RT: 6.124 min Scan# 1581

Delta R.T. -0.007 min

Lab File: VV024313.D

Acq: 08 Jan 2022 12:59

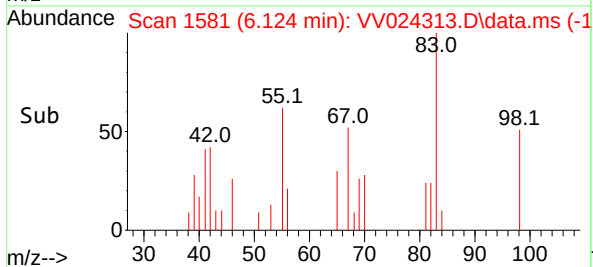
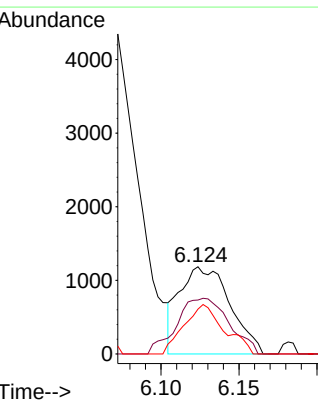
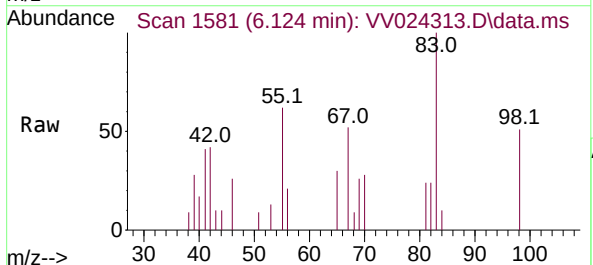
Tgt Ion: 83 Resp: 2678

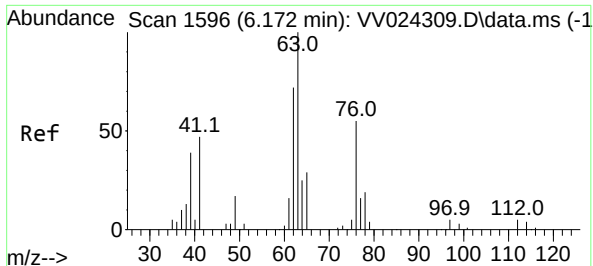
Ion Ratio Lower Upper

83 100

55 65.9 60.2 90.2

98 44.7 41.0 61.4





#37

1,2-Dichloropropane

Concen: 0.227 ug/L

RT: 6.178 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV024313.D

Acq: 08 Jan 2022 12:59

Instrument :

MSVOA_V

ClientSampleId :

MDL03

Tgt Ion: 63 Resp: 169

Ion Ratio Lower Upper

63 100

112 0.0 4.3 6.5

Manual Integrations

APPROVED

Reviewed By :John

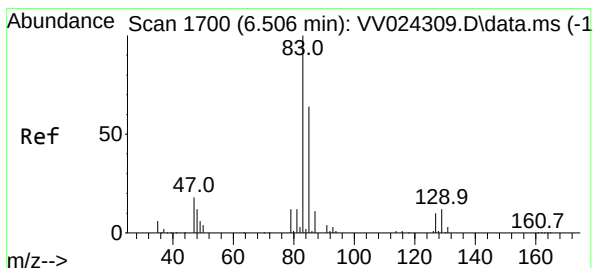
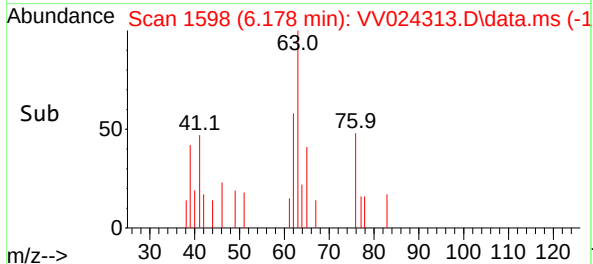
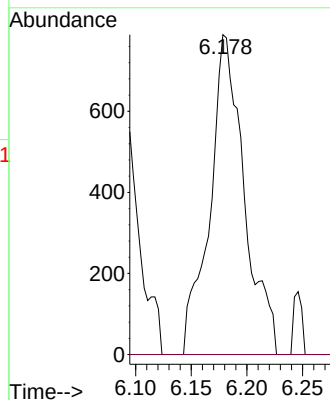
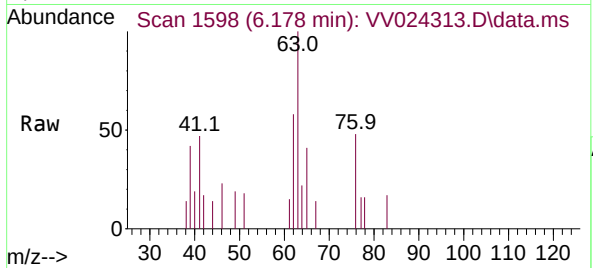
Carlone

01/10/2022

Supervised By :Mahesh

Dadoda

01/10/2022



#38

Bromodichloromethane

Concen: 0.176 ug/L

RT: 6.513 min Scan# 1702

Delta R.T. 0.006 min

Lab File: VV024313.D

Acq: 08 Jan 2022 12:59

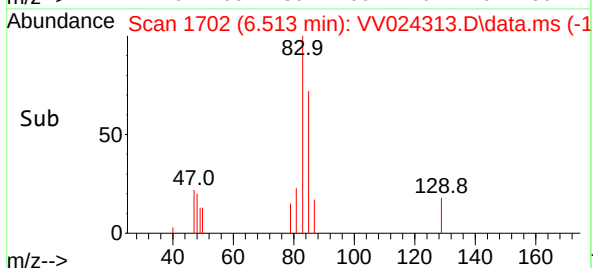
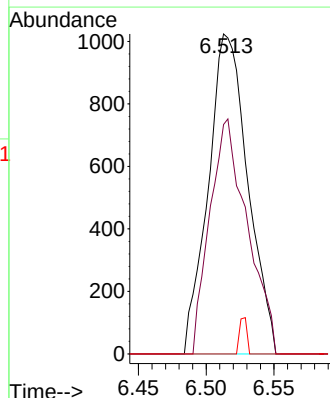
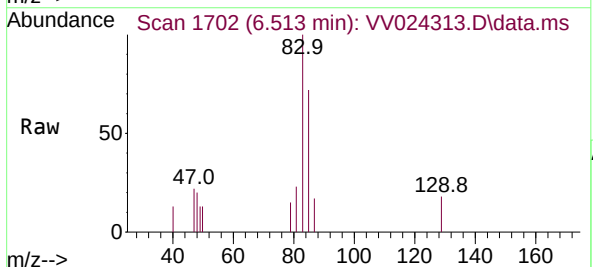
Tgt Ion: 83 Resp: 2079

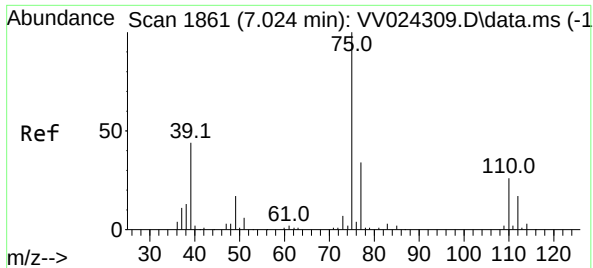
Ion Ratio Lower Upper

83 100

85 71.7 44.0 81.8

127 0.0 8.6 12.8





#39

cis-1,3-Dichloropropene

Concen: 0.180 ug/L

RT: 7.040 min Scan# 1866

Delta R.T. 0.016 min

Lab File: VV024313.D

Acq: 08 Jan 2022 12:59

Instrument :

MSVOA_V

ClientSampleId :

MDL03

Tgt Ion: 75 Resp: 2050
 Ion Ratio Lower Upper
 75 100
 77 39.2 22.0 41.0

Manual Integrations

APPROVED

Reviewed By :John

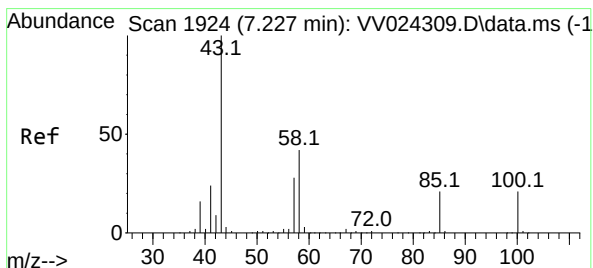
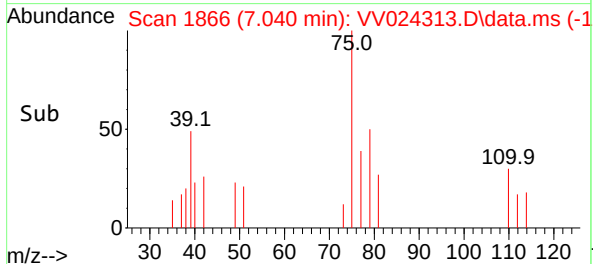
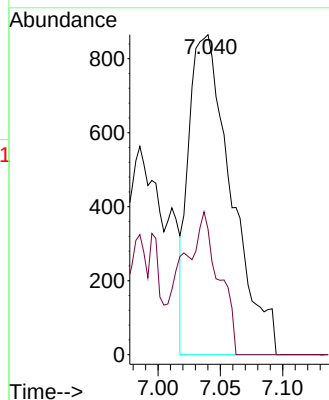
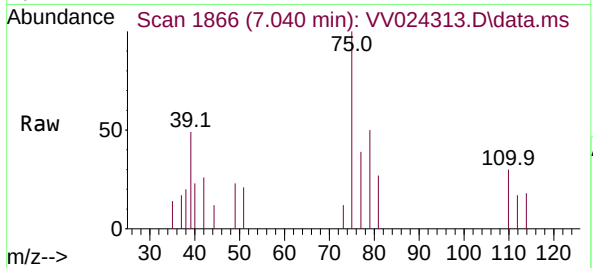
Carlone

01/10/2022

Supervised By :Mahesh

Dadoda

01/10/2022



#40

4-Methyl-2-pentanone

Concen: 1.550 ug/L

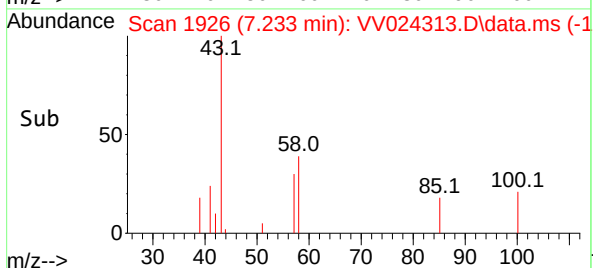
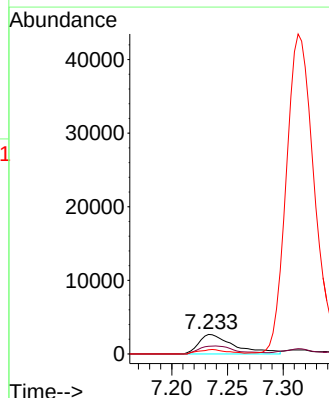
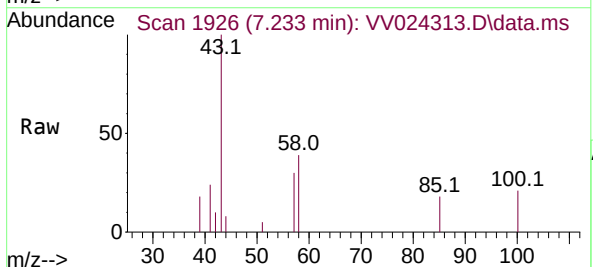
RT: 7.233 min Scan# 1926

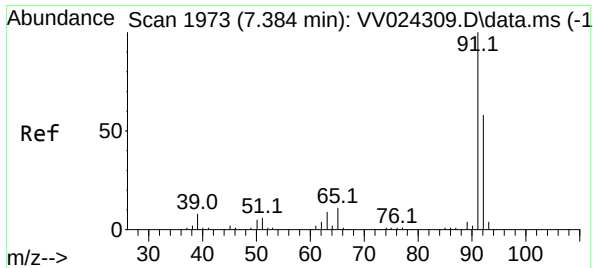
Delta R.T. 0.006 min

Lab File: VV024313.D

Acq: 08 Jan 2022 12:59

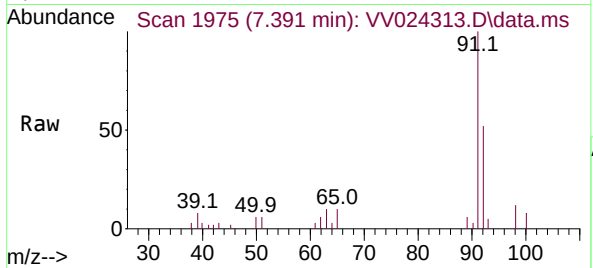
Tgt Ion: 43 Resp: 5947
 Ion Ratio Lower Upper
 43 100
 58 41.9 32.3 48.5
 100 0.0 13.0 19.6





#42
Toluene
Concen: 0.247 ug/L
RT: 7.391 min Scan# 1973
Delta R.T. 0.006 min
Lab File: VV024313.D
Acq: 08 Jan 2022 12:59

Instrument :
MSVOA_V
ClientSampleId :
MDL03

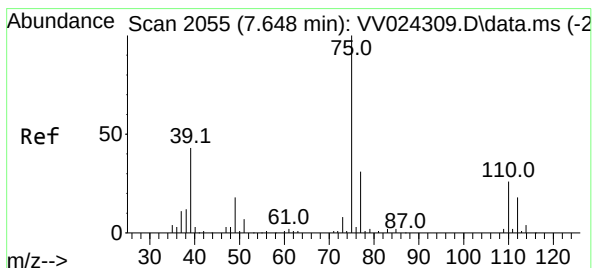
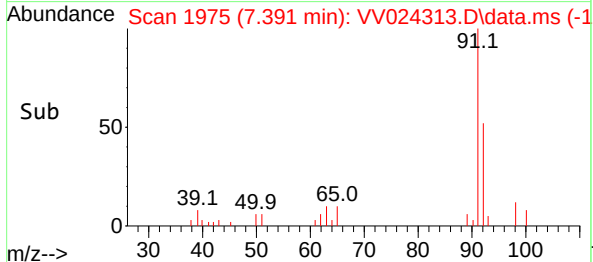
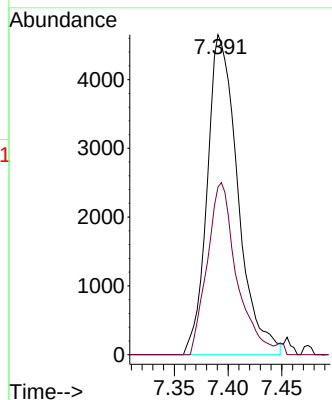


Tgt Ion: 91 Resp: 9198
Ion Ratio Lower Upper
91 100
92 52.3 41.5 77.1

Manual Integrations
APPROVED

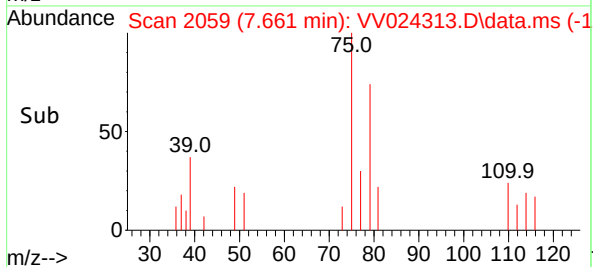
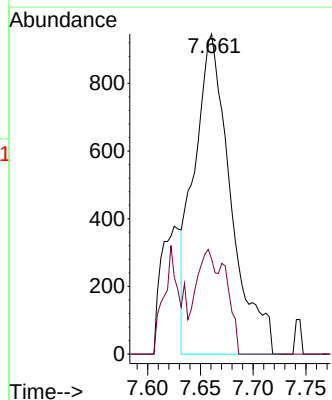
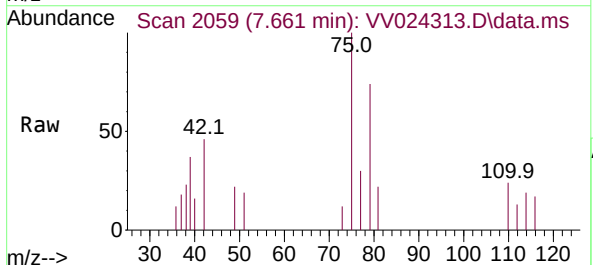
Reviewed By :John
Carlone
01/10/2022

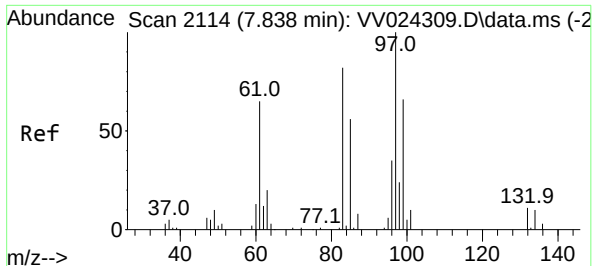
Supervised By :Mahesh
Dadoda
01/10/2022



#44
trans-1,3-Dichloropropene
Concen: 0.222 ug/L m
RT: 7.661 min Scan# 2059
Delta R.T. 0.013 min
Lab File: VV024313.D
Acq: 08 Jan 2022 12:59

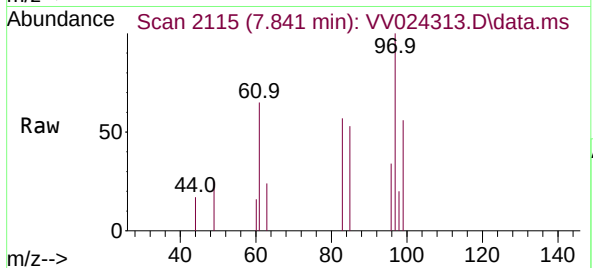
Tgt Ion: 75 Resp: 2282
Ion Ratio Lower Upper
75 100
77 29.8 21.8 40.4





#45
1,1,2-Trichloroethane
Concen: 0.222 ug/L
RT: 7.841 min Scan# 2114
Delta R.T. 0.003 min
Lab File: VV024313.D
Acq: 08 Jan 2022 12:59

Instrument :
MSVOA_V
ClientSampleId :
MDL03



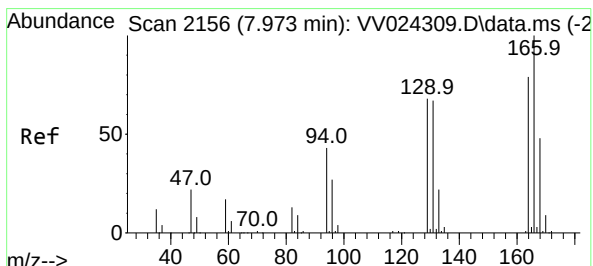
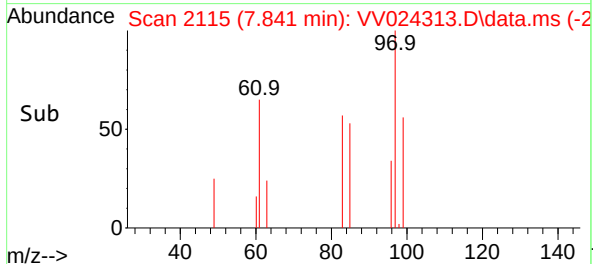
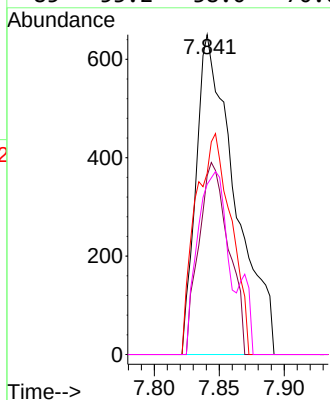
Tgt Ion: 97 Resp: 1352

Ion	Ratio	Lower	Upper
97	100		
99	55.8	43.1	80.1
83	56.6	57.9	107.5
85	53.2	38.0	70.6

Manual Integrations
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Reviewed By :John
Carlone
01/10/2022

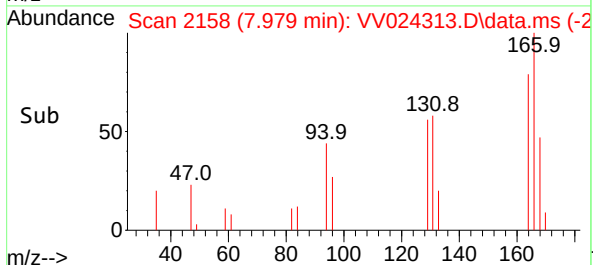
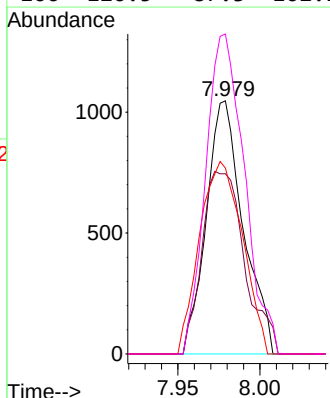
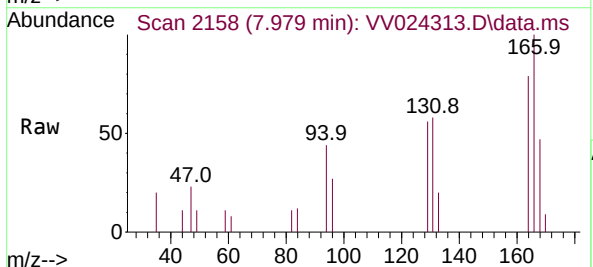
Supervised By :Mahesh
Dadoda
01/10/2022

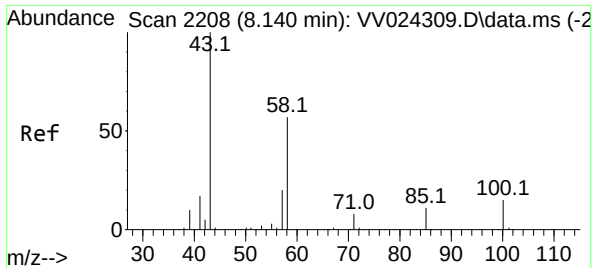


#47
Tetrachloroethene
Concen: 0.194 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.006 min
Lab File: VV024313.D
Acq: 08 Jan 2022 12:59

Tgt Ion:164 Resp: 1639

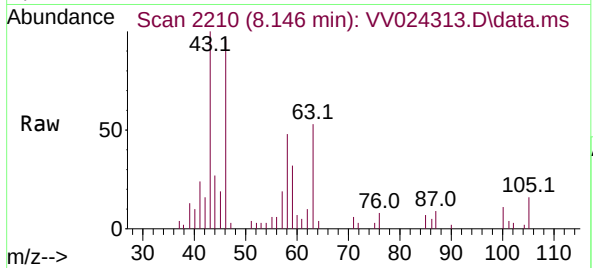
Ion	Ratio	Lower	Upper
164	100		
129	71.2	62.6	116.2
131	73.4	61.0	113.4
166	126.5	87.3	162.1





#48
2-Hexanone
Concen: 4.231 ug/L m
RT: 8.146 min Scan# 2210
Delta R.T. 0.006 min
Lab File: VV024313.D
Acq: 08 Jan 2022 12:59

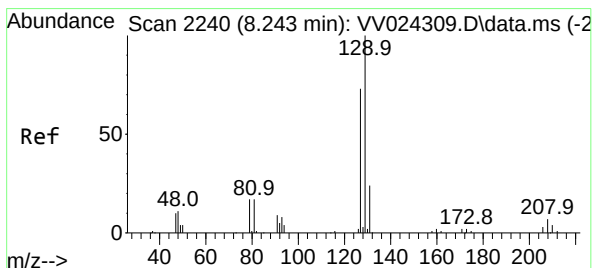
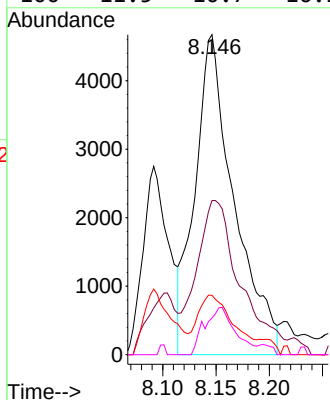
Instrument :
MSVOA_V
ClientSampleId :
MDL03



Tgt Ion: 43 Resp: 11980
Ion Ratio Lower Upper
43 100
58 47.5 44.5 66.7
57 12.1 15.1 22.7
100 11.5 10.7 16.1

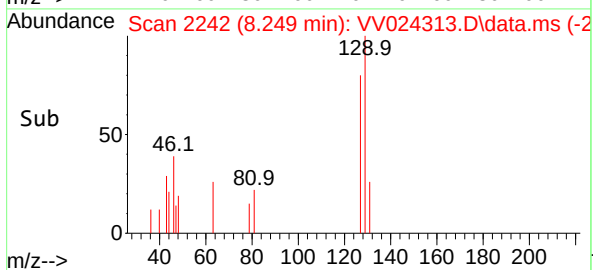
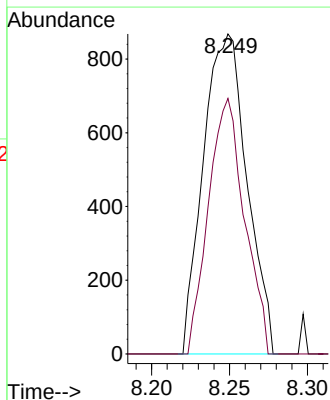
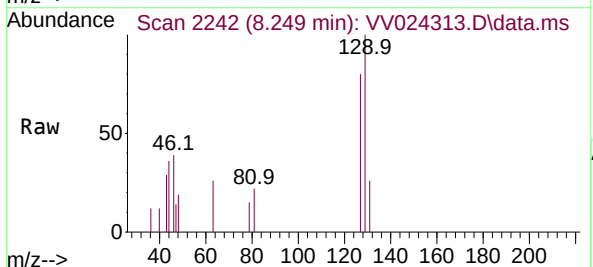
Manual Integrations
APPROVED

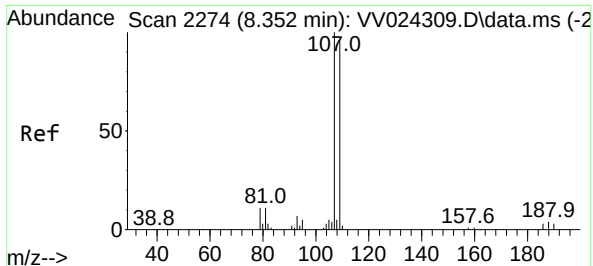
Reviewed By :John
Carlone
01/10/2022
Supervised By :Mahesh
Dadoda
01/10/2022



#49
Dibromochloromethane
Concen: 0.202 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.006 min
Lab File: VV024313.D
Acq: 08 Jan 2022 12:59

Tgt Ion:129 Resp: 1695
Ion Ratio Lower Upper
129 100
127 79.8 53.5 99.3





#50

1,2-Dibromoethane

Concen: 0.198 ug/L

RT: 8.355 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV024313.D

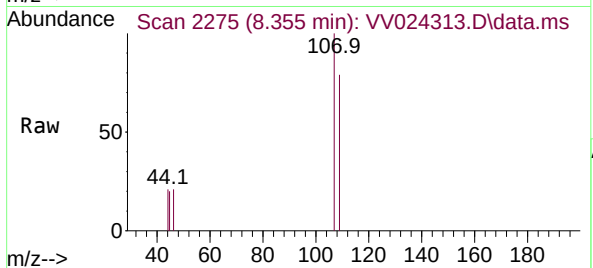
Acq: 08 Jan 2022 12:59

Instrument :

MSVOA_V

ClientSampleId :

MDL03



Tgt Ion:	107	Resp:	1094
Ion	Ratio	Lower	Upper
107	100		
109	79.1	62.5	116.1
188	0.0	3.4	5.2

Manual Integrations

APPROVED

Reviewed By :John

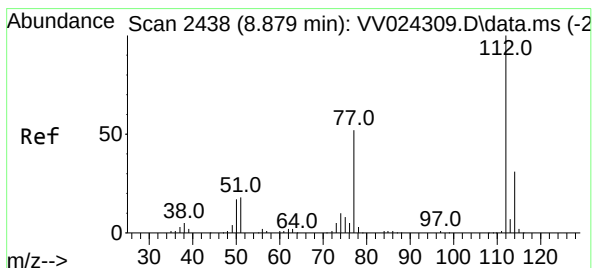
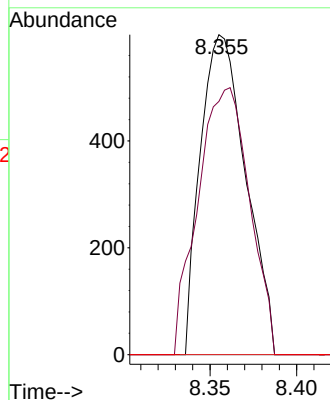
Carlone

01/10/2022

Supervised By :Mahesh

Dadoda

01/10/2022



#51

Chlorobenzene

Concen: 0.200 ug/L

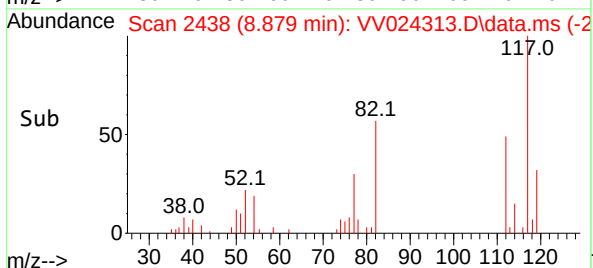
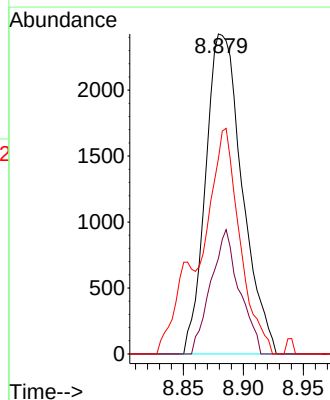
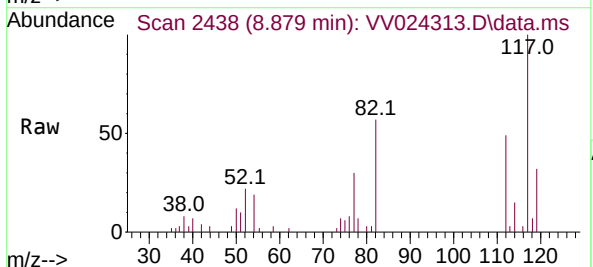
RT: 8.879 min Scan# 2438

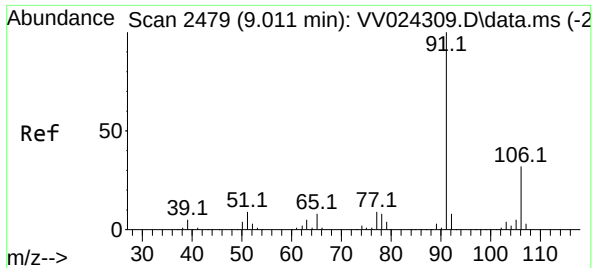
Delta R.T. -0.000 min

Lab File: VV024313.D

Acq: 08 Jan 2022 12:59

Tgt Ion:	112	Resp:	5140
Ion	Ratio	Lower	Upper
112	100		
114	29.9	23.3	43.3
77	61.1	43.3	64.9





#52
Ethylbenzene
Concen: 0.191 ug/L
RT: 9.017 min Scan# 2479
Delta R.T. 0.006 min
Lab File: VV024313.D
Acq: 08 Jan 2022 12:59

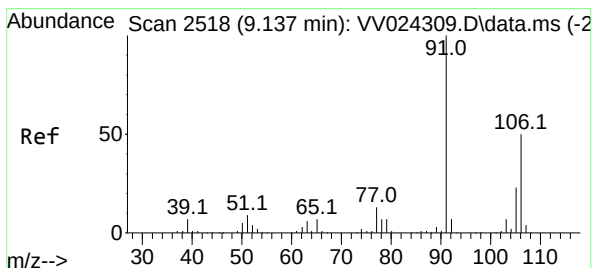
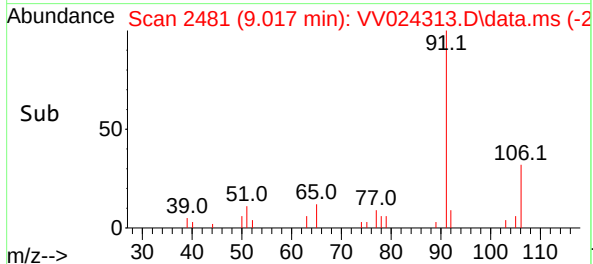
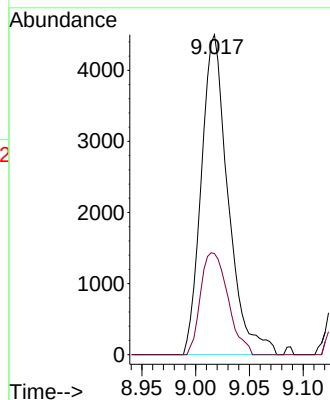
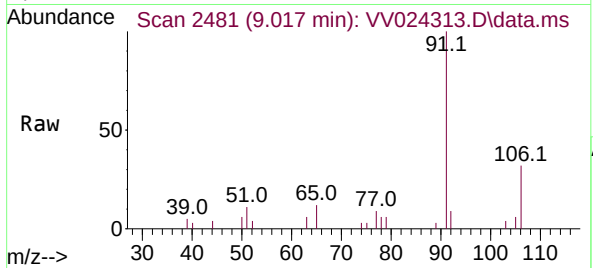
Instrument :
MSVOA_V
ClientSampleId :
MDL03

Tgt Ion: 91 Resp: 7799
Ion Ratio Lower Upper
91 100
106 31.6 22.0 41.0

Manual Integrations
APPROVED

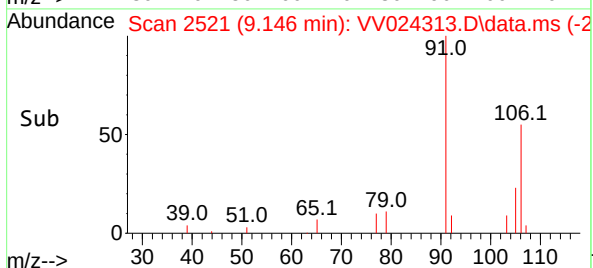
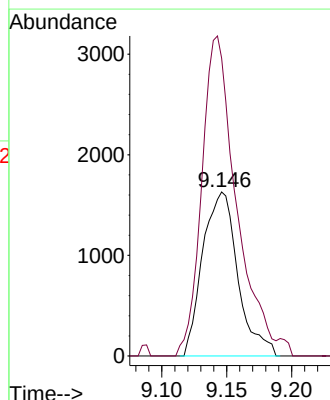
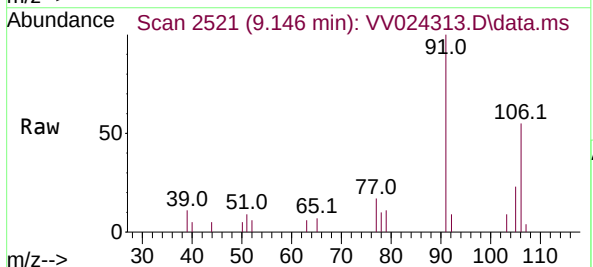
Reviewed By :John
Carlone
01/10/2022

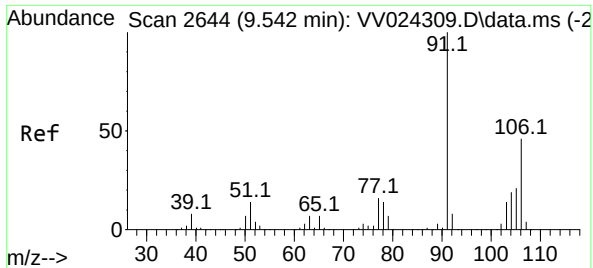
Supervised By :Mahesh
Dadoda
01/10/2022



#53
m,p-xylene
Concen: 0.188 ug/L
RT: 9.146 min Scan# 2521
Delta R.T. 0.009 min
Lab File: VV024313.D
Acq: 08 Jan 2022 12:59

Tgt Ion:106 Resp: 3070
Ion Ratio Lower Upper
106 100
91 181.5 139.5 259.1





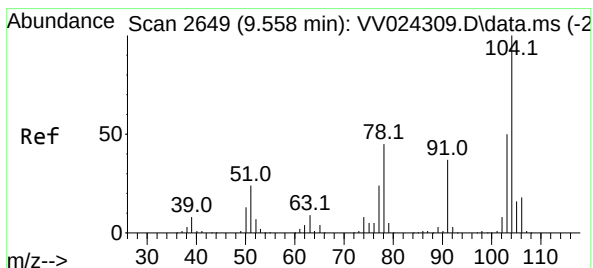
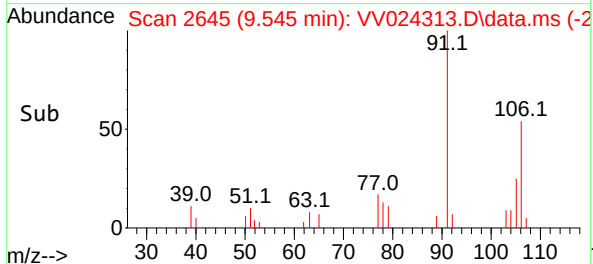
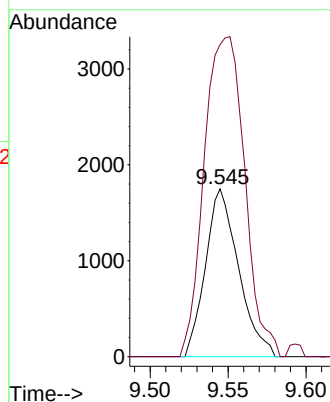
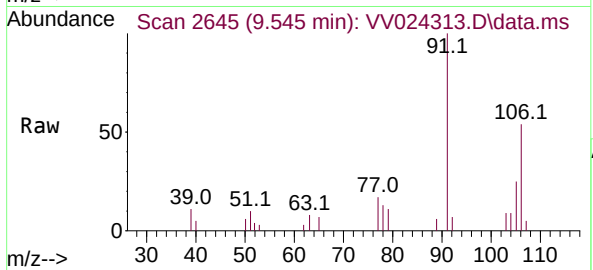
#54
o-xylene
Concen: 0.162 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV024313.D
Acq: 08 Jan 2022 12:59

Instrument :
MSVOA_V
ClientSampleId :
MDL03

Tgt Ion:106 Resp: 258
Ion Ratio Lower Upper
106 100
91 185.9 147.9 274.7

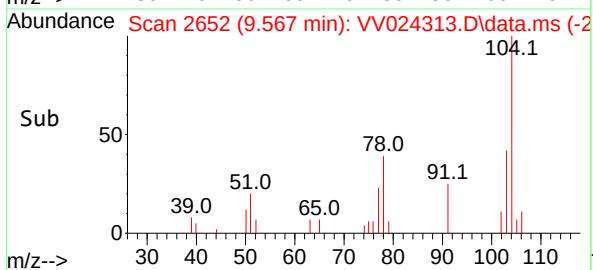
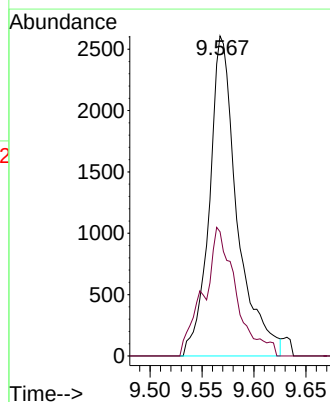
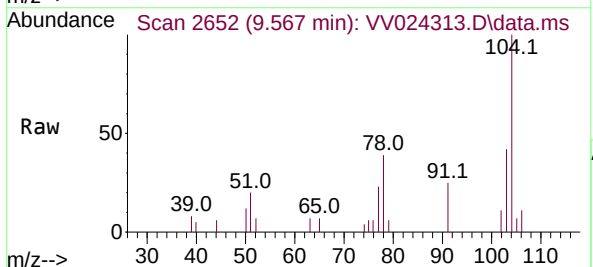
Manual Integrations
APPROVED

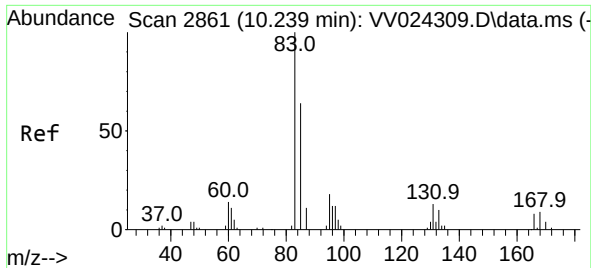
Reviewed By :John
Carlone
01/10/2022
Supervised By :Mahesh
Dadoda
01/10/2022



#55
Styrene
Concen: 0.180 ug/L
RT: 9.567 min Scan# 2652
Delta R.T. 0.009 min
Lab File: VV024313.D
Acq: 08 Jan 2022 12:59

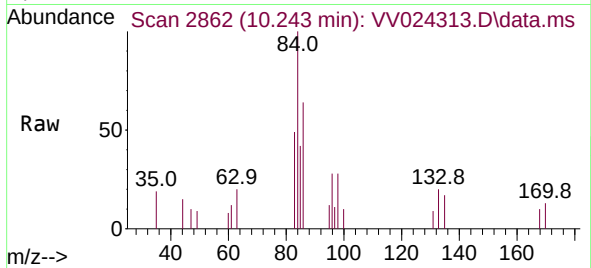
Tgt Ion:104 Resp: 4852
Ion Ratio Lower Upper
104 100
78 38.8 31.0 57.6





#57
1,1,2,2-Tetrachloroethane
Concen: 0.195 ug/L
RT: 10.243 min Scan# 2861
Delta R.T. 0.003 min
Lab File: VV024313.D
Acq: 08 Jan 2022 12:59

Instrument : MSVOA_V
ClientSampleId : MDL03

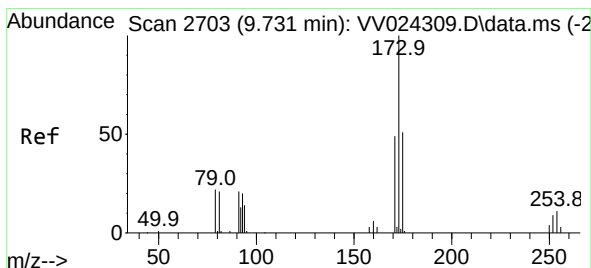
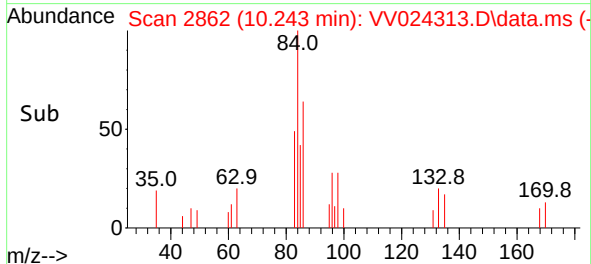
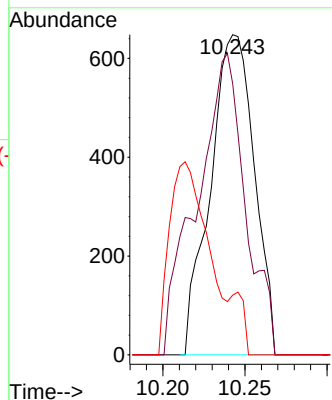


Tgt Ion: 83 Resp: 1208
Ion Ratio Lower Upper
83 100
85 84.7 44.6 82.8
131 18.7 8.3 12.5

Manual Integrations
APPROVED

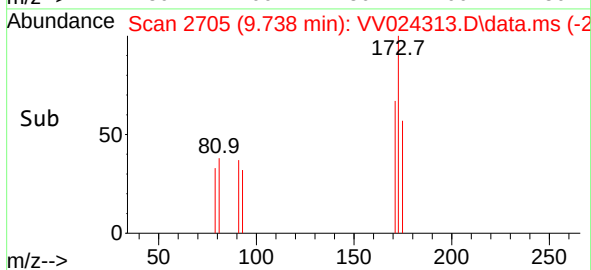
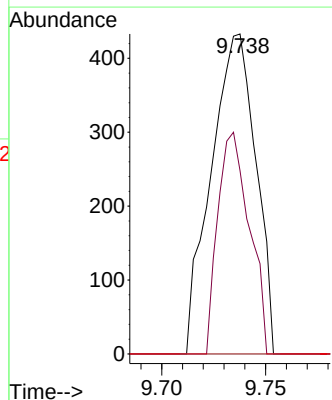
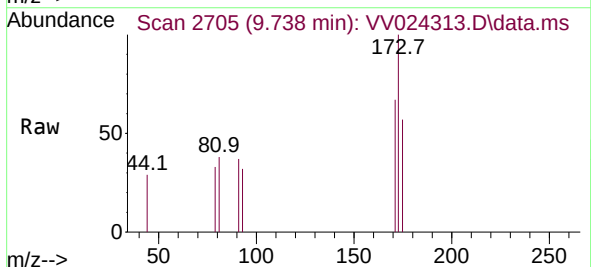
Reviewed By :John
Carlone
01/10/2022

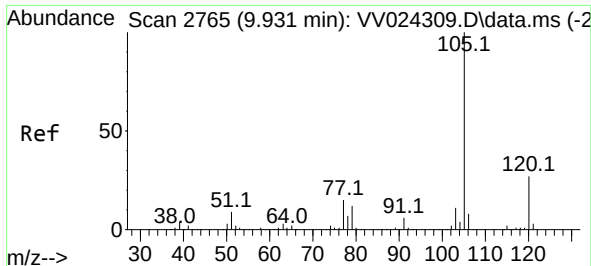
Supervised By :Mahesh
Dadoda
01/10/2022



#59
Bromoform
Concen: 0.144 ug/L
RT: 9.738 min Scan# 2705
Delta R.T. 0.006 min
Lab File: VV024313.D
Acq: 08 Jan 2022 12:59

Tgt Ion:173 Resp: 648
Ion Ratio Lower Upper
173 100
175 48.8 39.4 59.2
254 0.0 7.4 11.0





#60
Isopropylbenzene
Concen: 0.174 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. -0.000 min
Lab File: VV024313.D
Acq: 08 Jan 2022 12:59

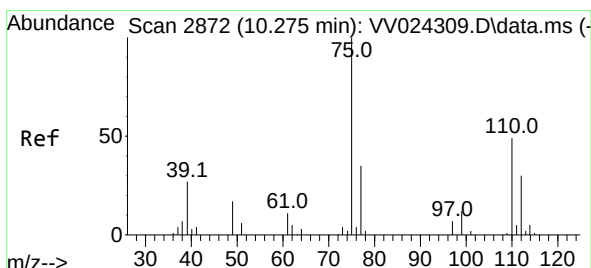
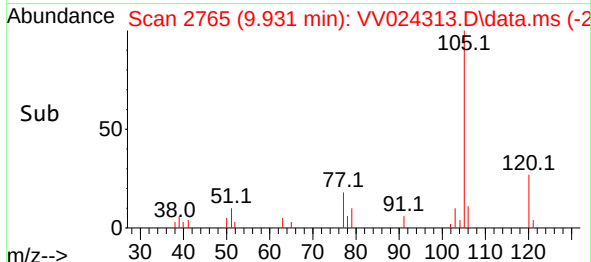
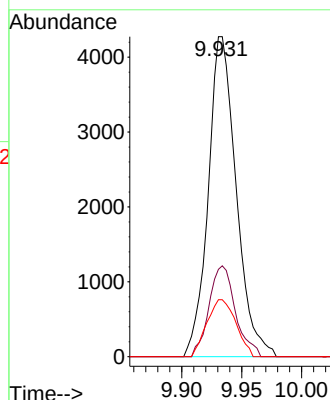
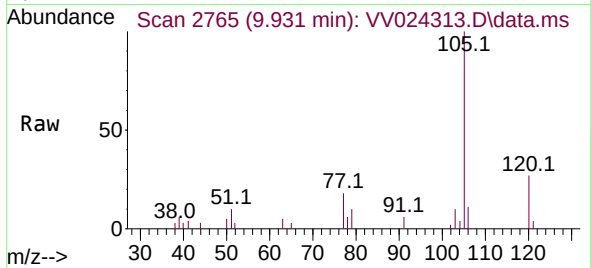
Instrument :
MSVOA_V
ClientSampleId :
MDL03

Tgt Ion:	105	Resp:	693
Ion	Ratio	Lower	Upper
105	100		
120	26.8	21.4	32.0
77	18.4	12.2	18.4

Manual Integrations
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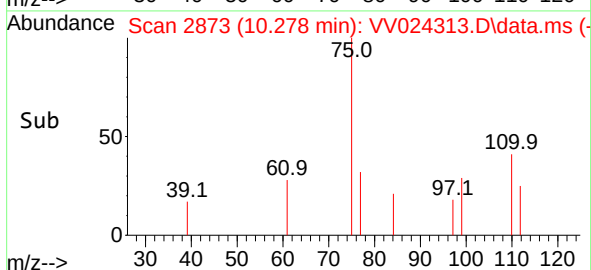
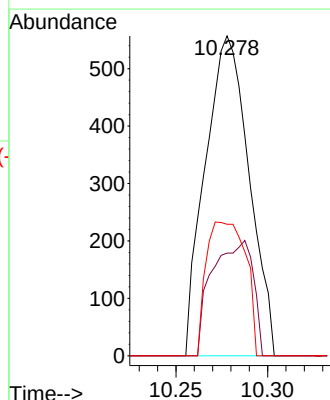
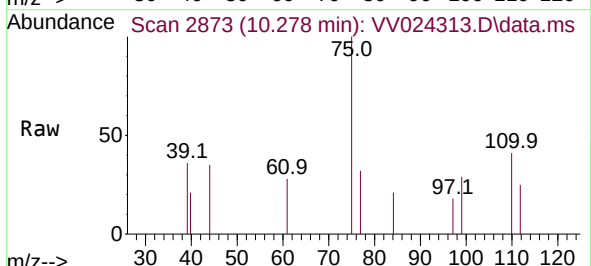
Reviewed By :John
Carlone
01/10/2022

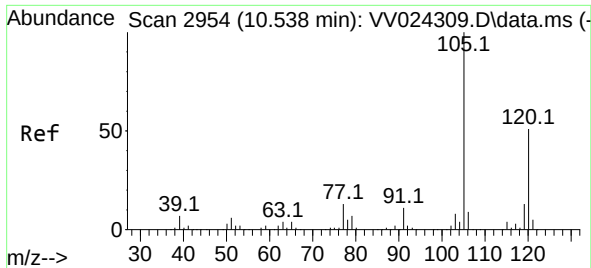
Supervised By :Mahesh
Dadoda
01/10/2022



#61
1,2,3-Trichloropropane
Concen: 0.211 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. 0.003 min
Lab File: VV024313.D
Acq: 08 Jan 2022 12:59

Tgt Ion:	75	Resp:	924
Ion	Ratio	Lower	Upper
75	100		
77	33.7	26.4	39.6
110	37.6	34.2	51.2





#62

1,3,5-Trimethylbenzene

Concen: 0.174 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. -0.000 min

Lab File: VV024313.D

Acq: 08 Jan 2022 12:59

Instrument :

MSVOA_V

ClientSampleId :

MDL03

Tgt Ion:105 Resp: 5934

Ion Ratio Lower Upper

105 100

120 50.6 40.1 60.1

Manual Integrations

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Reviewed By :John

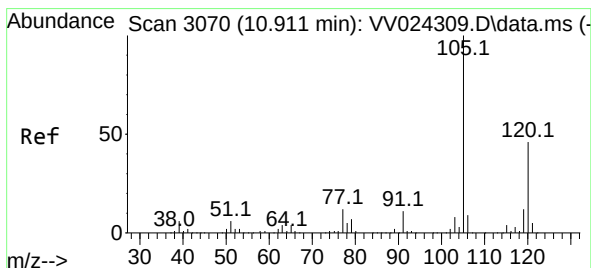
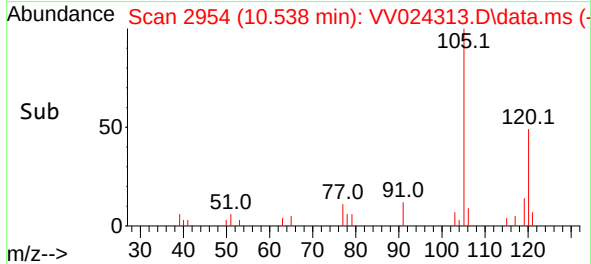
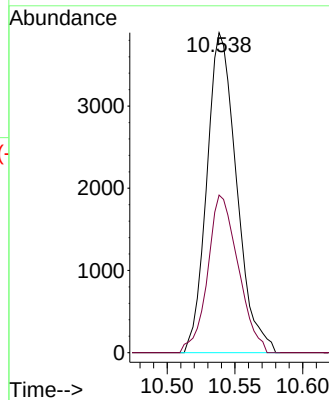
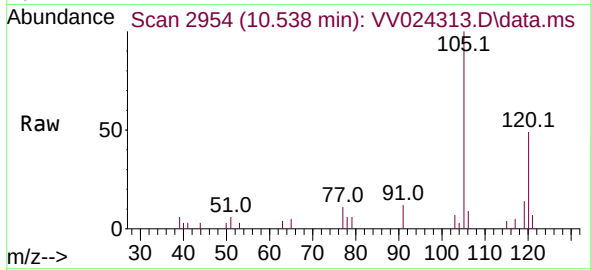
Carlone

01/10/2022

Supervised By :Mahesh

Dadoda

01/10/2022



#63

1,2,4-Trimethylbenzene

Concen: 0.185 ug/L

RT: 10.918 min Scan# 3072

Delta R.T. 0.006 min

Lab File: VV024313.D

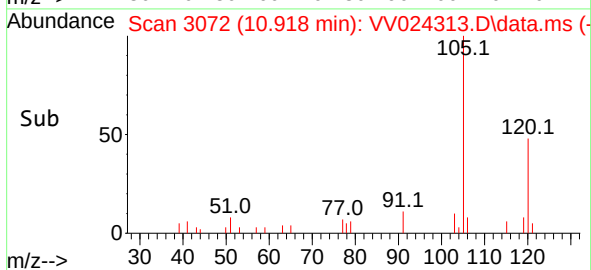
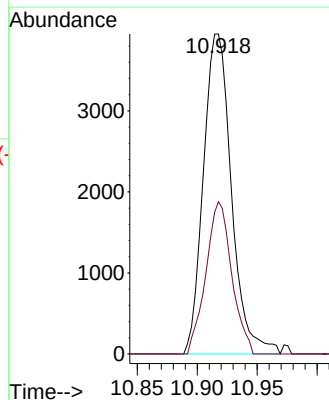
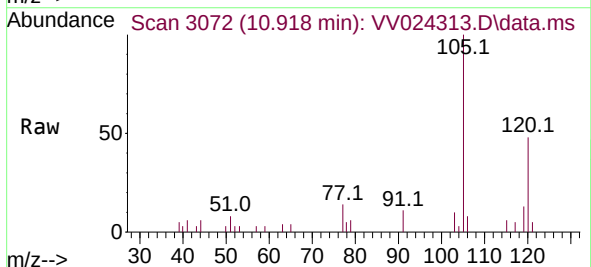
Acq: 08 Jan 2022 12:59

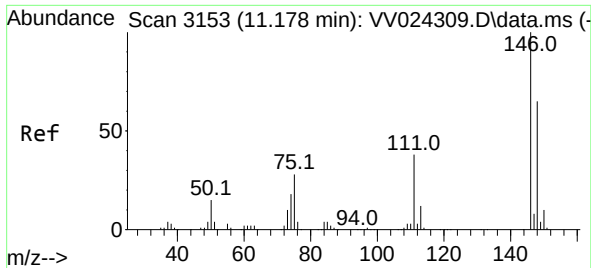
Tgt Ion:105 Resp: 6434

Ion Ratio Lower Upper

105 100

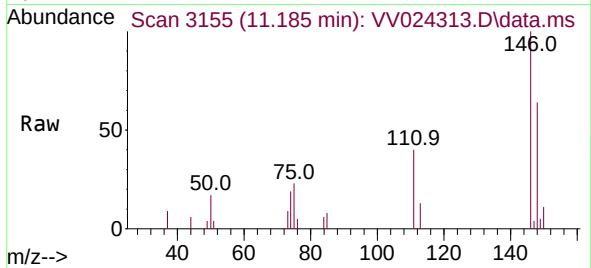
120 43.7 36.7 55.1





#64
1,3-Dichlorobenzene
Concen: 0.212 ug/L
RT: 11.185 min Scan# 3153
Delta R.T. 0.006 min
Lab File: VV024313.D
Acq: 08 Jan 2022 12:59

Instrument :
MSVOA_V
ClientSampleId :
MDL03

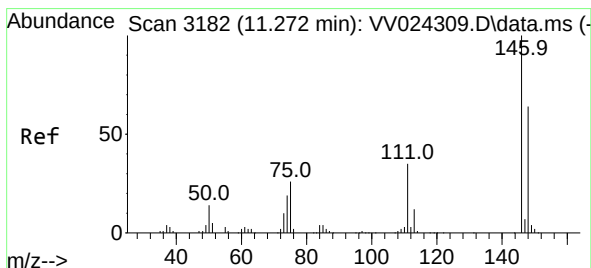
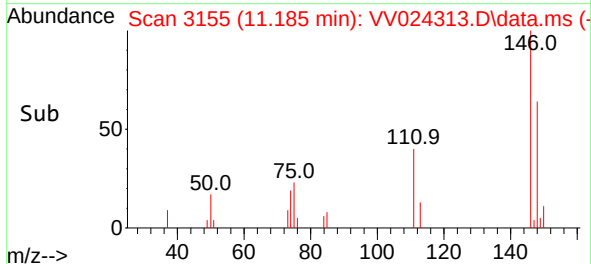
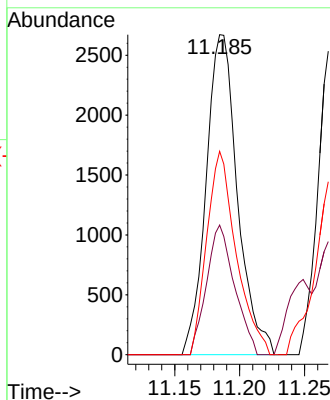


Tgt Ion:146 Resp: 448
Ion Ratio Lower Upper
146 100
111 40.5 26.3 48.9
148 63.5 44.4 82.5

Manual Integrations
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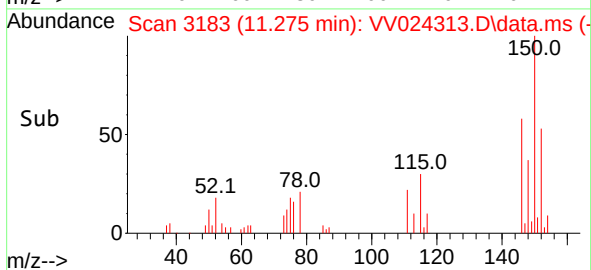
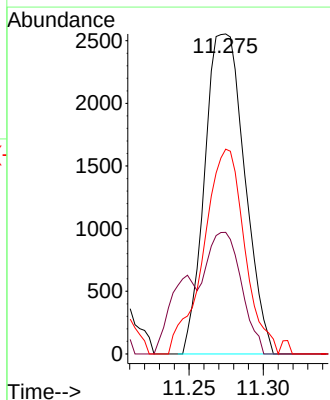
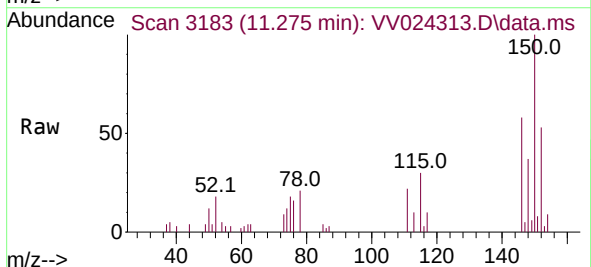
Reviewed By :John
Carlone
01/10/2022

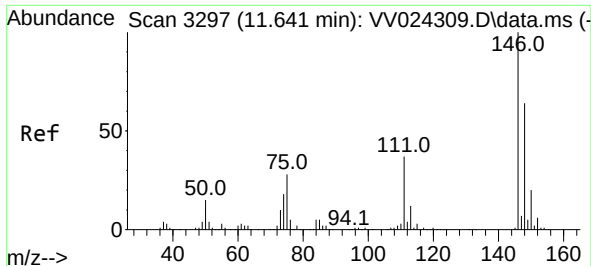
Supervised By :Mahesh
Dadoda
01/10/2022



#65
1,4-Dichlorobenzene
Concen: 0.226 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.003 min
Lab File: VV024313.D
Acq: 08 Jan 2022 12:59

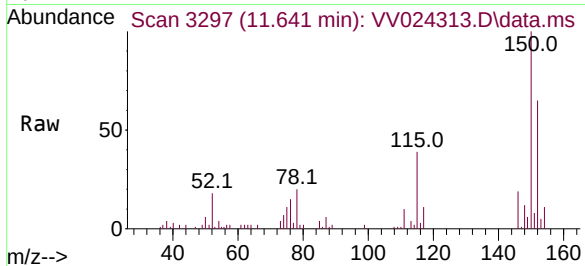
Tgt Ion:146 Resp: 4769
Ion Ratio Lower Upper
146 100
111 38.0 25.6 47.6
148 64.0 44.8 83.2





#67
1,2-Dichlorobenzene
Concen: 0.220 ug/L
RT: 11.641 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV024313.D
Acq: 08 Jan 2022 12:59

Instrument :
MSVOA_V
ClientSampleId :
MDL03

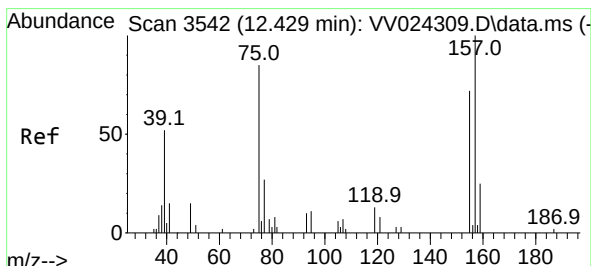
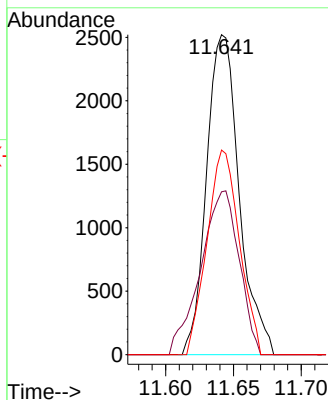
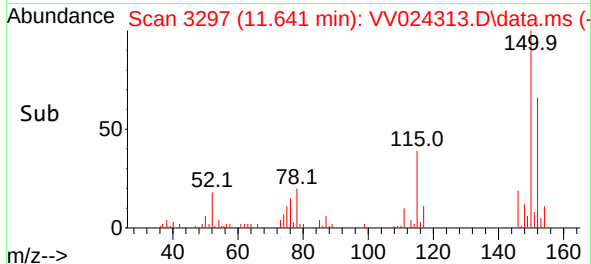


Tgt Ion:146 Resp: 422
Ion Ratio Lower Upper
146 100
111 50.9 31.9 47.9#
148 63.9 50.5 75.7

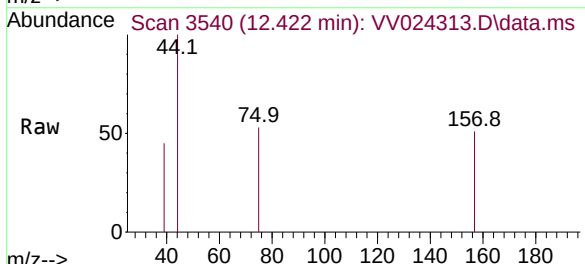
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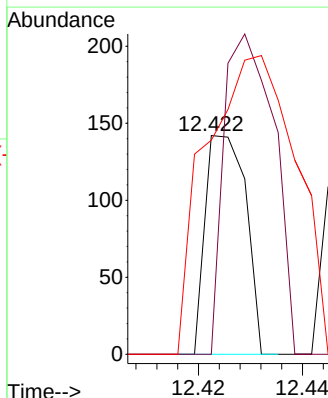
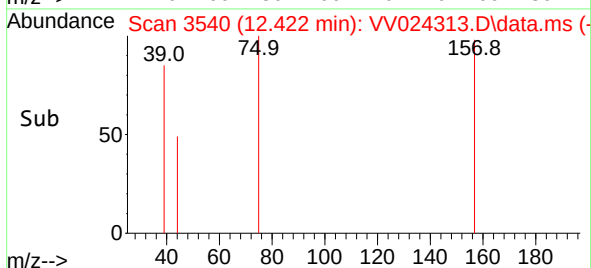
Supervised By :Mahesh
Dadoda
01/10/2022

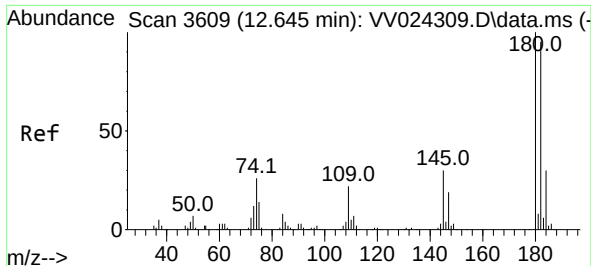


#68
1,2-Dibromo-3-chloropropane
Concen: 0.080 ug/L
RT: 12.422 min Scan# 3540
Delta R.T. -0.007 min
Lab File: VV024313.D
Acq: 08 Jan 2022 12:59



Tgt Ion: 75 Resp: 77
Ion Ratio Lower Upper
75 100
155 0.0 71.7 107.5#
157 97.9 103.3 154.9#





#69

1,3,5-Trichlorobenzene

Concen: 0.203 ug/L

RT: 12.648 min Scan# 30

Delta R.T. 0.003 min

Lab File: VV024313.D

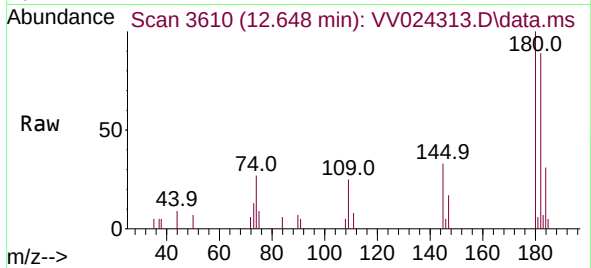
Acq: 08 Jan 2022 12:59

Instrument :

MSVOA_V

ClientSampleId :

MDL03



Tgt Ion:180 Resp: 3554

Ion Ratio Lower Upper

180 100

182 99.0 76.4 114.6

184 30.2 24.2 36.4

145 32.4 23.2 34.8

Manual Integrations

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Reviewed By :John

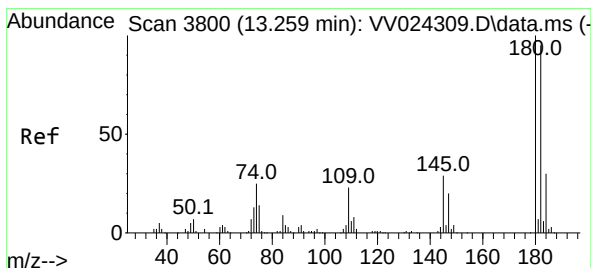
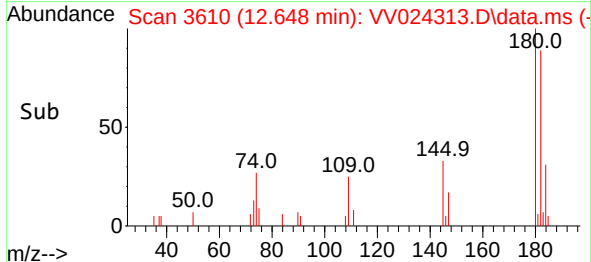
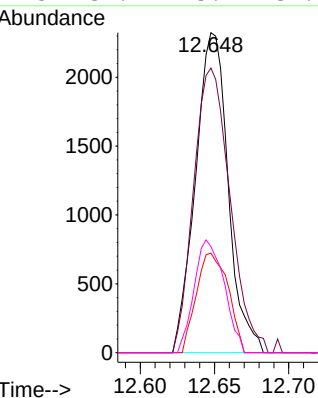
Carlone

01/10/2022

Supervised By :Mahesh

Dadoda

01/10/2022



#70

1,2,4-trichlorobenzene

Concen: 0.197 ug/L

RT: 13.265 min Scan# 3802

Delta R.T. 0.006 min

Lab File: VV024313.D

Acq: 08 Jan 2022 12:59

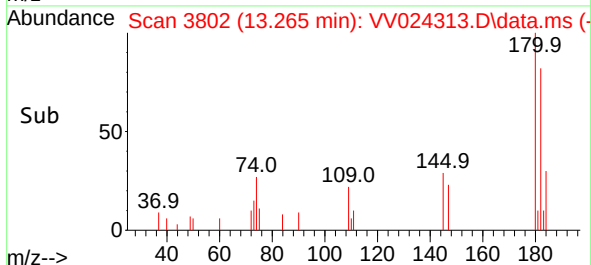
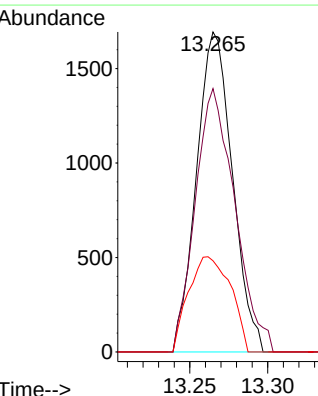
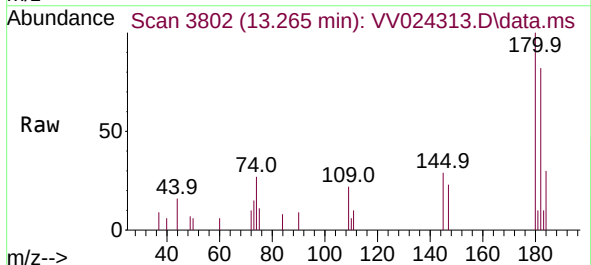
Tgt Ion:180 Resp: 2709

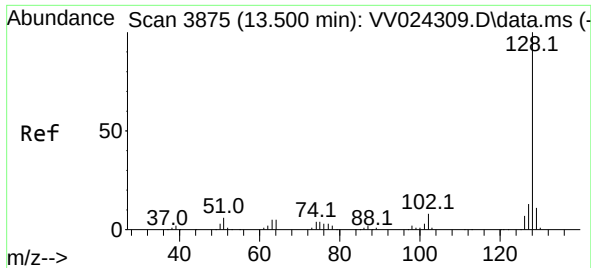
Ion Ratio Lower Upper

180 100

182 90.8 74.4 111.6

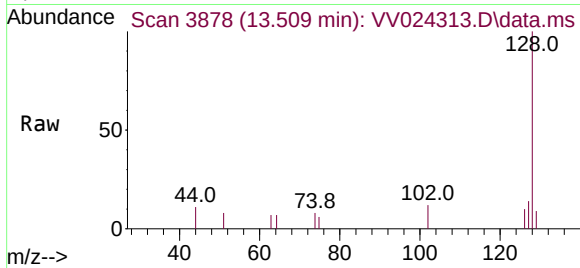
145 34.8 23.3 34.9





#71
Naphthalene
Concen: 0.170 ug/L
RT: 13.509 min Scan# 3875
Delta R.T. 0.009 min
Lab File: VV024313.D
Acq: 08 Jan 2022 12:59

Instrument :
MSVOA_V
ClientSampleId :
MDL03

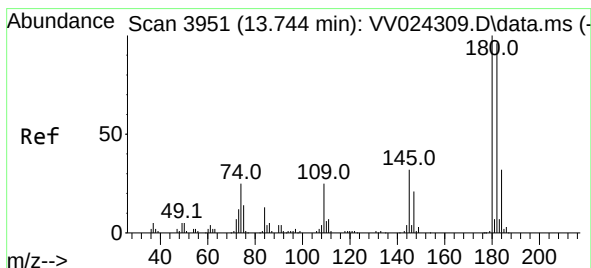
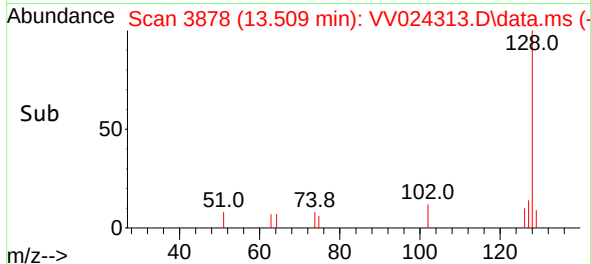
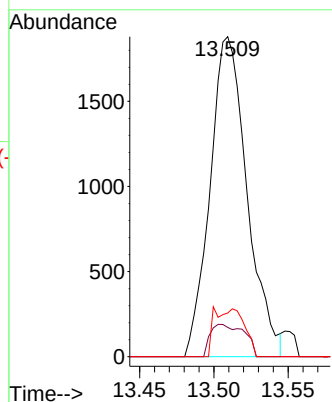


Tgt Ion:128 Resp: 326
Ion Ratio Lower Upper
128 100
129 9.3 9.0 13.4
127 12.2 10.2 15.4

Manual Integrations
APPROVED

Reviewed By :John
Carlone
01/10/2022

Supervised By :Mahesh
Dadoda
01/10/2022



#72
1,2,3-Trichlorobenzene
Concen: 0.192 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. -0.000 min
Lab File: VV024313.D
Acq: 08 Jan 2022 12:59

Tgt Ion:180 Resp: 2282
Ion Ratio Lower Upper
180 100
182 99.0 76.8 115.2
145 27.1 25.8 38.6

