

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW010822\
 Data File : VW024315.D
 Acq On : 08 Jan 2022 13:48
 Operator : SY/MD
 Sample : MDL05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL05

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Jan 10 02:13:08 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

01/10/2022
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	95132	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	99620	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	54213	5.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.307	65	32273	4.177	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.600%
7) Chloroethane-d5	1.568	69	28563	4.703	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.000%
11) 1,1-Dichloroethene-d2	2.108	63	51977	3.430	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.600%
20) 2-Butanone-d5	3.921	46	54383m	54.146	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.300%
24) Chloroform-d	4.352	84	71325	4.927	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
26) 1,2-Dichloroethane-d4	5.034	65	34629	5.057	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.200%
32) Benzene-d6	5.050	84	134501	4.820	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
36) 1,2-Dichloropropane-d6	6.069	67	36880	5.085	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.600%
41) Toluene-d8	7.317	98	121653	4.389	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.800%
43) trans-1,3-Dichloroprop...	7.625	79	14422	4.341	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.800%
46) 2-Hexanone-d5	8.092	63	49066	47.261	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.520%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	26334	4.989	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	48940	5.197	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.000%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.130	85	2522	0.211	ug/L	97
3) Chloromethane	1.240	50	1609	0.201	ug/L	98
5) Vinyl chloride	1.310	62	2001	0.227	ug/L #	61
6) Bromomethane	1.523	94	1102	0.189	ug/L	86
8) Chloroethane	1.587	64	1200	0.217	ug/L	92
9) Trichlorofluoromethane	1.754	101	3522	0.202	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	2473	0.281	ug/L #	78
12) 1,1-Dichloroethene	2.121	96	1860	0.248	ug/L #	1
13) Acetone	2.208	43	2203m	2.281	ug/L	
14) Carbon disulfide	2.298	76	3759	0.213	ug/L #	87
15) Methyl Acetate	2.465	43	599m	0.295	ug/L	
16) Methylene chloride	2.513	84	3239	0.281	ug/L	90
17) Methyl tert-butyl Ether	2.777	73	3581	0.198	ug/L #	92
18) trans-1,2-Dichloroethene	2.764	96	1528	0.191	ug/L	78
19) 1,1-Dichloroethane	3.201	63	2917	0.205	ug/L	93
21) 2-Butanone	4.034	43	3757m	2.869	ug/L	
22) cis-1,2-Dichloroethene	3.915	96	1724m	0.196	ug/L	
23) Bromochloromethane	4.256	128	774	0.198	ug/L	96
25) Chloroform	4.378	83	5525	0.325	ug/L	99

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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jan 10 01:53:06 2022
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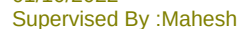
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
27) 1,2-Dichloroethane	5.140	62	2043	0.217	ug/L #	73	
29) 1,1,1-Trichloroethane	4.613	97	3400	0.199	ug/L #	38	
30) Cyclohexane	4.677	56	2097	0.195	ug/L #	92	
31) Carbon tetrachloride	4.834	117	3050	0.196	ug/L	93	
33) Benzene	5.108	78	6576	0.200	ug/L	100	
34) Trichloroethene	5.921	95	1701	0.185	ug/L	87	
35) Methylcyclohexane	6.130	83	2638	0.206	ug/L #	84	
37) 1,2-Dichloropropane	6.182	63	1618	0.212	ug/L #	84	
38) Bromodichloromethane	6.516	83	2233	0.186	ug/L #	72	
39) cis-1,3-Dichloropropene	7.037	75	2295m	0.198	ug/L		
40) 4-Methyl-2-pentanone	7.239	43	5908	1.515	ug/L #	85	
42) Toluene	7.394	91	8880	0.235	ug/L	98	
44) trans-1,3-Dichloropropene	7.664	75	2228	0.213	ug/L	92	
45) 1,1,2-Trichloroethane	7.850	97	1248	0.201	ug/L	91	
47) Tetrachloroethene	7.979	164	1628	0.190	ug/L	95	
48) 2-Hexanone	8.149	43	12088	4.201	ug/L #	86	
49) Dibromochloromethane	8.246	129	1570	0.184	ug/L	93	
50) 1,2-Dibromoethane	8.358	107	1058	0.188	ug/L #	98	
51) Chlorobenzene	8.886	112	5094	0.195	ug/L	96	
52) Ethylbenzene	9.018	91	7208	0.174	ug/L	93	
53) m,p-xylene	9.143	106	2675	0.161	ug/L	90	
54) o-xylene	9.548	106	2459	0.151	ug/L	97	
55) Styrene	9.574	104	4250	0.155	ug/L	91	
57) 1,1,2,2-Tetrachloroethane	10.239	83	1399	0.222	ug/L #	90	
59) Bromoform	9.735	173	880	0.195	ug/L #	83	
60) Isopropylbenzene	9.934	105	7594	0.190	ug/L	96	
61) 1,2,3-Trichloropropane	10.278	75	1192	0.272	ug/L #	79	
62) 1,3,5-Trimethylbenzene	10.542	105	5948	0.173	ug/L	98	
63) 1,2,4-Trimethylbenzene	10.918	105	5706	0.163	ug/L	95	
64) 1,3-Dichlorobenzene	11.185	146	4081	0.192	ug/L	92	
65) 1,4-Dichlorobenzene	11.271	146	4390	0.207	ug/L	95	
67) 1,2-Dichlorobenzene	11.644	146	3989	0.208	ug/L	92	
68) 1,2-Dibromo-3-chloropr...	12.432	75	129m	0.134	ug/L		
69) 1,3,5-Trichlorobenzene	12.648	180	3847	0.219	ug/L #	93	
70) 1,2,4-trichlorobenzene	13.265	180	2679	0.194	ug/L	91	
71) Naphthalene	13.509	128	3395	0.176	ug/L	97	
72) 1,2,3-Trichlorobenzene	13.747	180	2347	0.197	ug/L #	95	

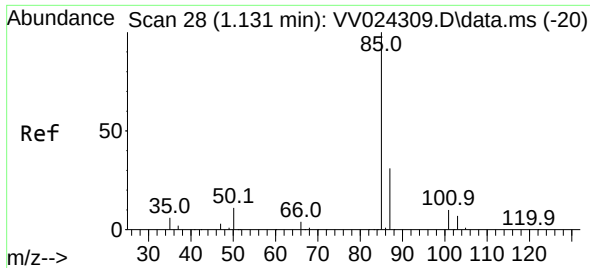
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Manual Integrations

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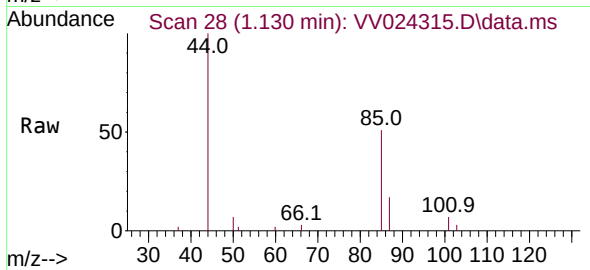
01/10/2022





#2
 Dichlorodifluoromethane
 Concen: 0.211 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. -0.000 min
 Lab File: VV024315.D
 Acq: 08 Jan 2022 13:48

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL05



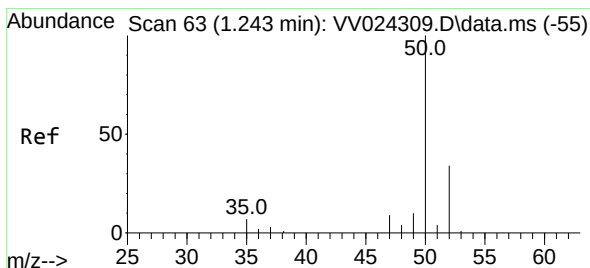
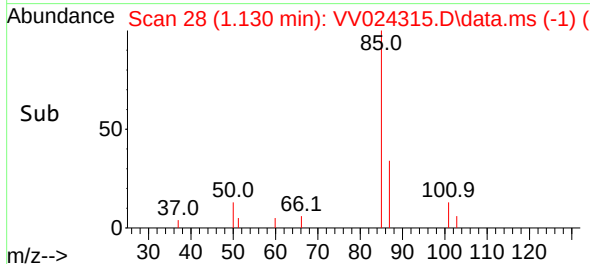
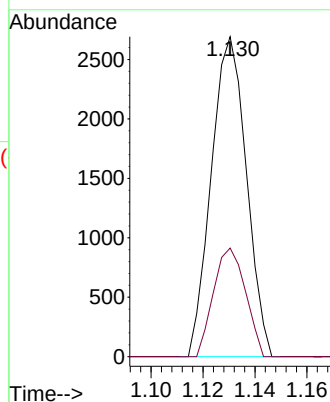
Tgt Ion: 85 Resp: 252
 Ion Ratio Lower Upper
 85 100
 87 30.9 26.0 39.0

Manual Integrations
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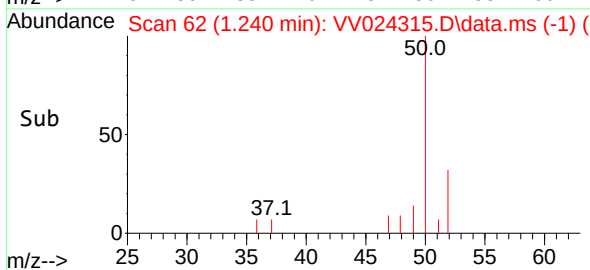
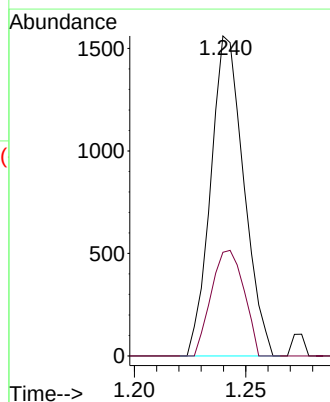
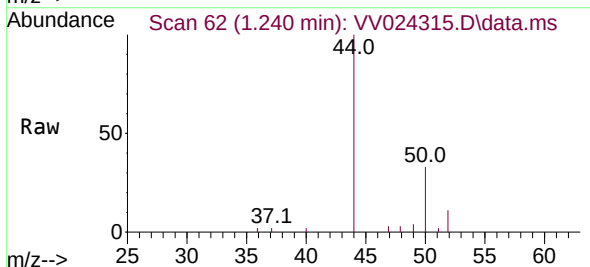
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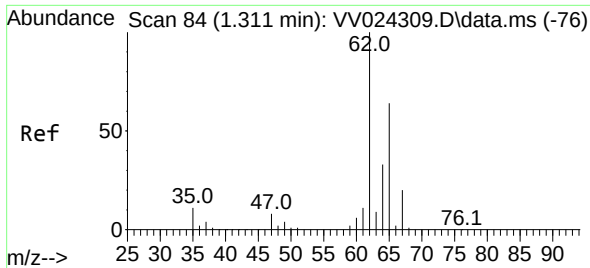
01/10/2022



#3
 Chloromethane
 Concen: 0.201 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.003 min
 Lab File: VV024315.D
 Acq: 08 Jan 2022 13:48

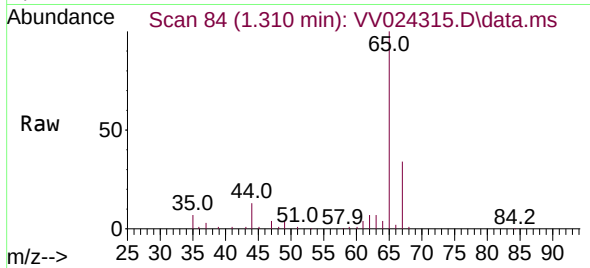
Tgt Ion: 50 Resp: 1609
 Ion Ratio Lower Upper
 50 100
 52 32.4 22.0 41.0





#5
 Vinyl chloride
 Concen: 0.227 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV024315.D
 Acq: 08 Jan 2022 13:48

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL05



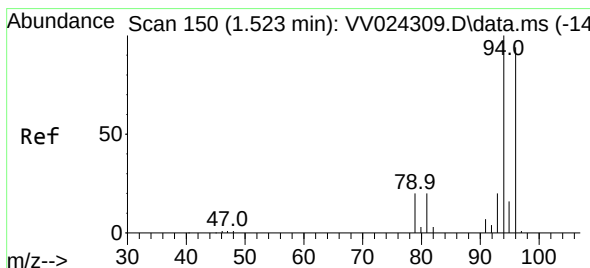
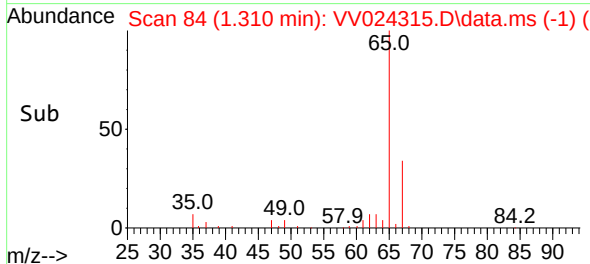
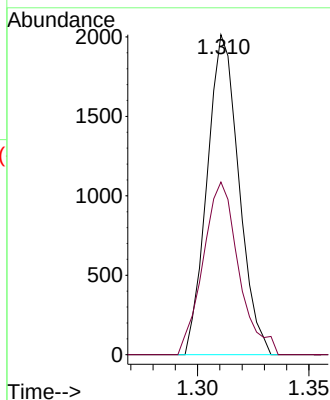
Tgt Ion: 62 Resp: 200
 Ion Ratio Lower Upper
 62 100
 64 54.0 22.4 41.6

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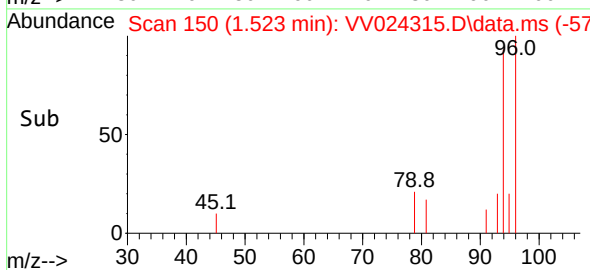
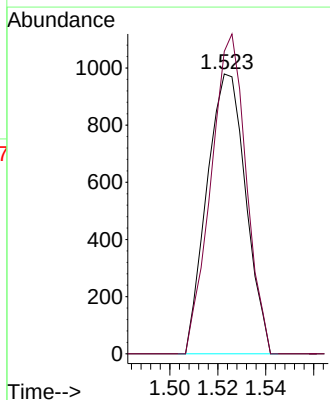
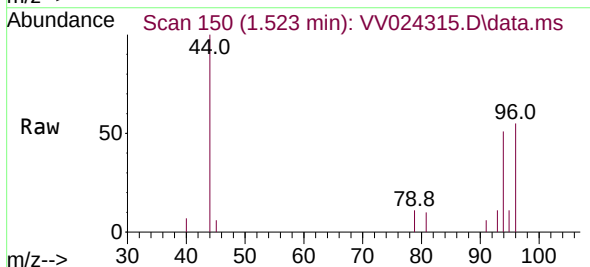
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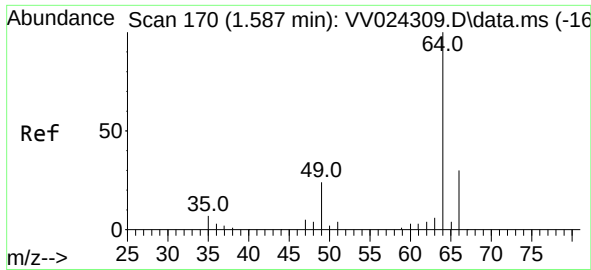
01/10/2022



#6
 Bromomethane
 Concen: 0.189 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.000 min
 Lab File: VV024315.D
 Acq: 08 Jan 2022 13:48

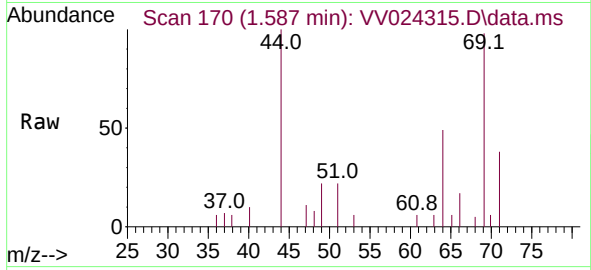
Tgt Ion: 94 Resp: 1102
 Ion Ratio Lower Upper
 94 100
 96 108.1 66.2 123.0





#8
Chloroethane
Concen: 0.217 ug/L
RT: 1.587 min Scan# 170
Delta R.T. -0.000 min
Lab File: VV024315.D
Acq: 08 Jan 2022 13:48

Instrument :
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ClientSampleId :
MDL05



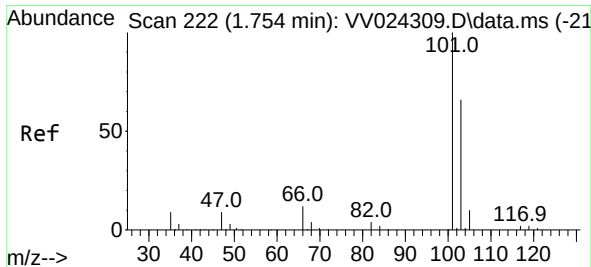
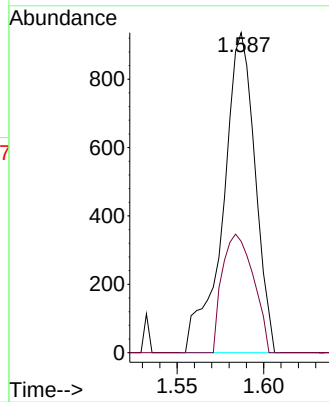
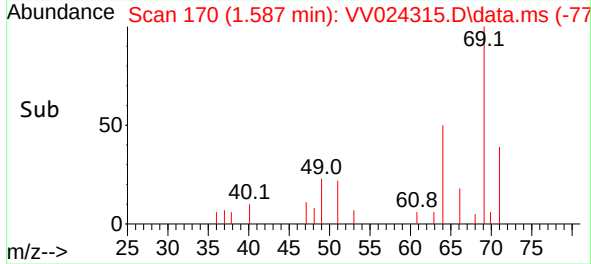
Tgt Ion: 64 Resp: 1200
Ion Ratio Lower Upper
64 100
66 34.8 21.4 39.8

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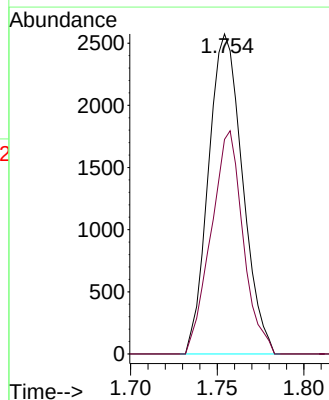
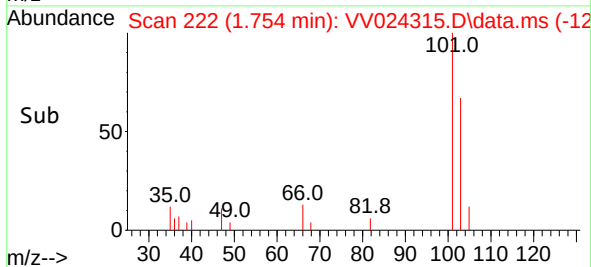
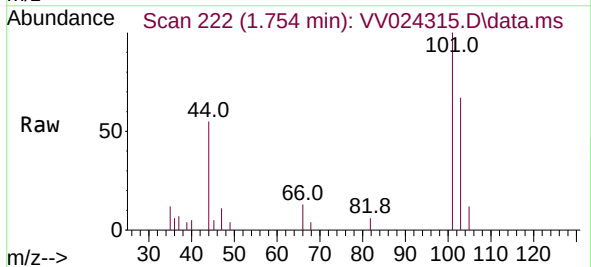
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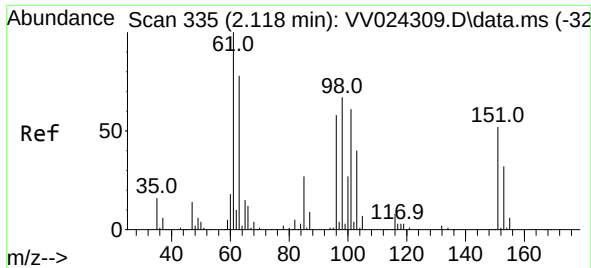
01/10/2022



#9
Trichlorofluoromethane
Concen: 0.202 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.000 min
Lab File: VV024315.D
Acq: 08 Jan 2022 13:48

Tgt Ion:101 Resp: 3522
Ion Ratio Lower Upper
101 100
103 65.7 51.6 77.4





#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.281 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.003 min
 Lab File: VV024315.D
 Acq: 08 Jan 2022 13:48

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL05

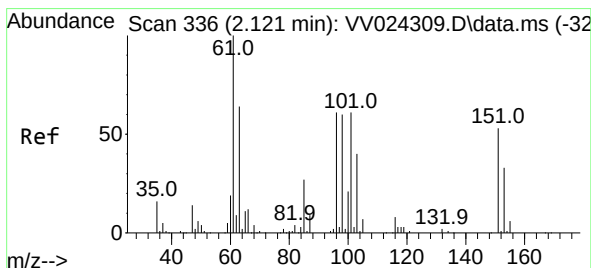
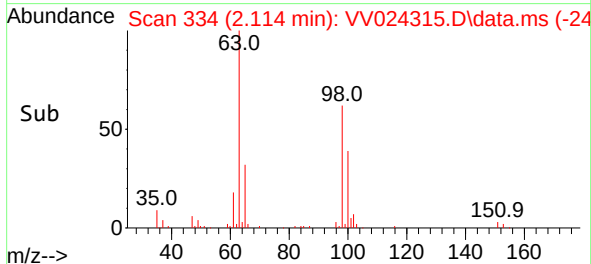
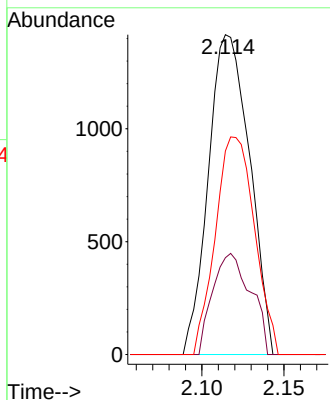
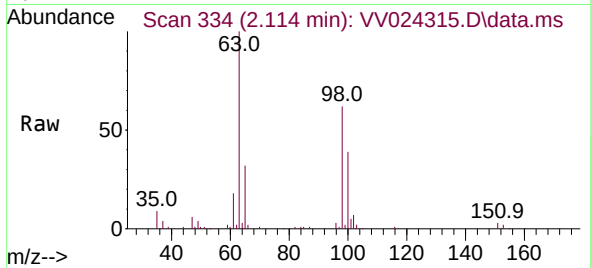
Tgt Ion:101 Resp: 247
 Ion Ratio Lower Upper
 101 100
 85 29.1 36.0 54.0
 151 64.7 66.4 99.6

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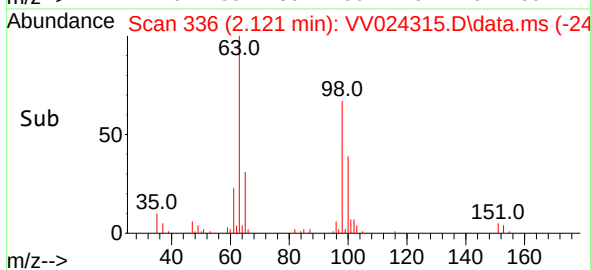
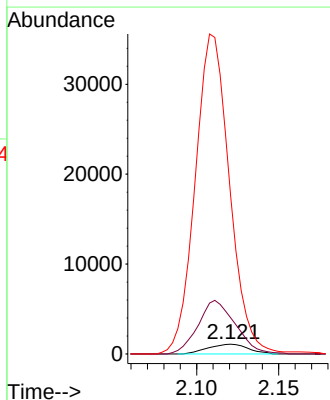
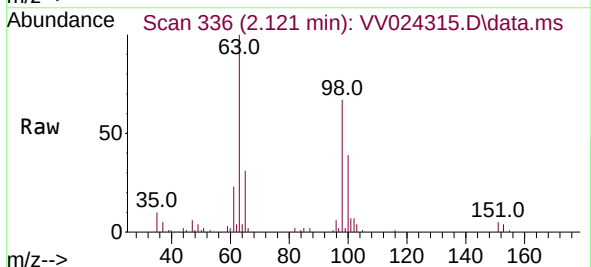
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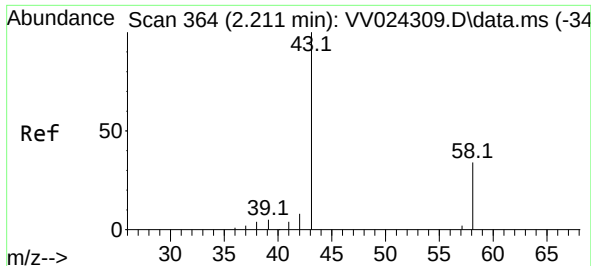
01/10/2022



#12
 1,1-Dichloroethene
 Concen: 0.248 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. -0.000 min
 Lab File: VV024315.D
 Acq: 08 Jan 2022 13:48

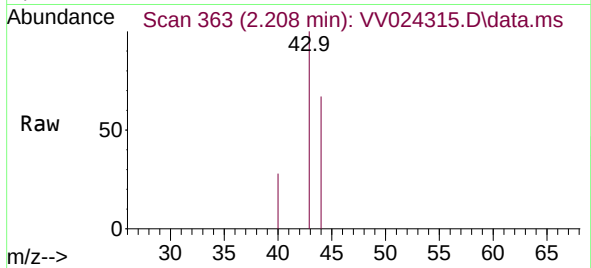
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 Ion Ratio Lower Upper
 96 100
 61 370.3 116.1 215.5#
 63 1612.5 79.4 147.4#





#13
Acetone
Concen: 2.281 ug/L m
RT: 2.208 min Scan# 363
Delta R.T. -0.003 min
Lab File: VV024315.D
Acq: 08 Jan 2022 13:48

Instrument :
MSVOA_V
ClientSampleId :
MDL05



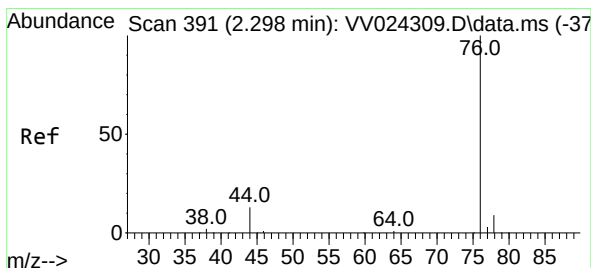
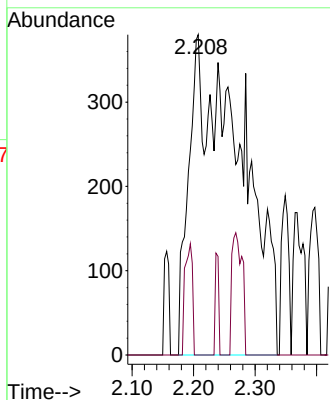
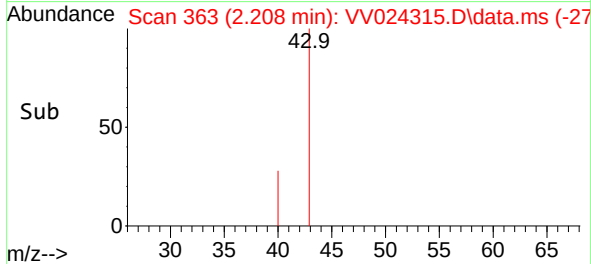
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Ion Ratio Lower Upper
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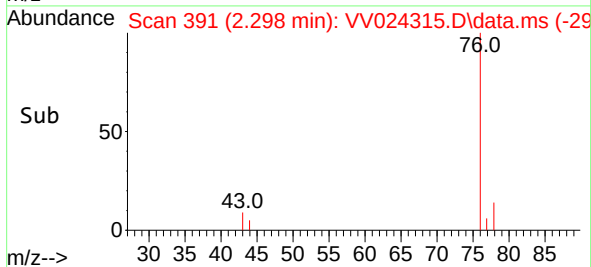
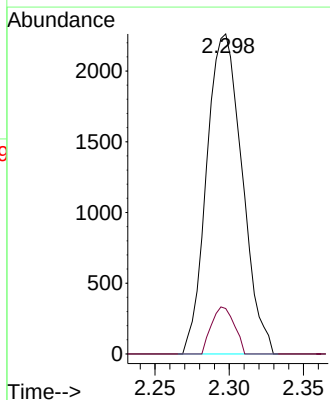
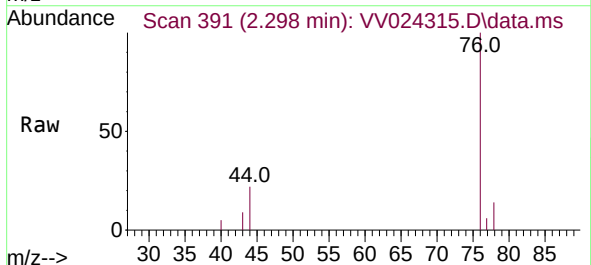
01/10/2022
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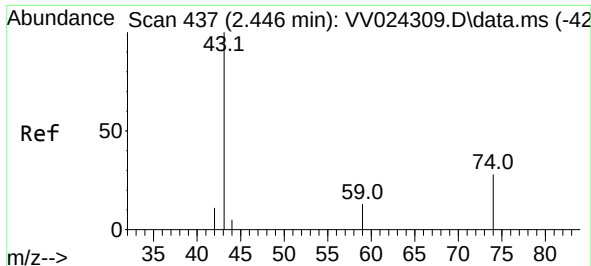
01/10/2022



#14
Carbon disulfide
Concen: 0.213 ug/L
RT: 2.298 min Scan# 391
Delta R.T. -0.000 min
Lab File: VV024315.D
Acq: 08 Jan 2022 13:48

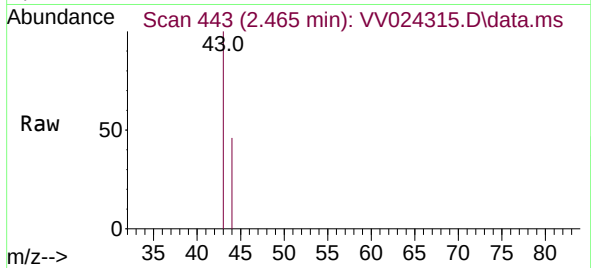
Tgt Ion: 76 Resp: 3759
Ion Ratio Lower Upper
76 100
78 14.2 7.5 11.3#





#15
Methyl Acetate
Concen: 0.295 ug/L m
RT: 2.465 min Scan# 44
Delta R.T. 0.019 min
Lab File: VV024315.D
Acq: 08 Jan 2022 13:48

Instrument :
MSVOA_V
ClientSampleId :
MDL05



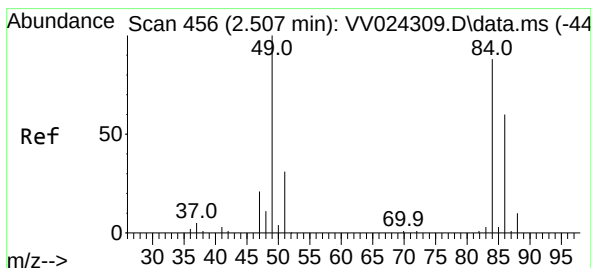
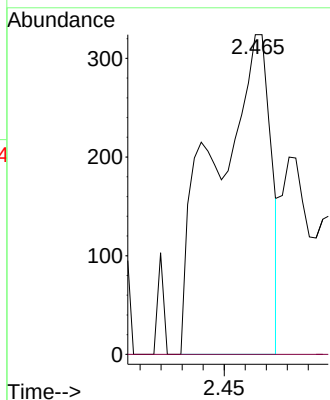
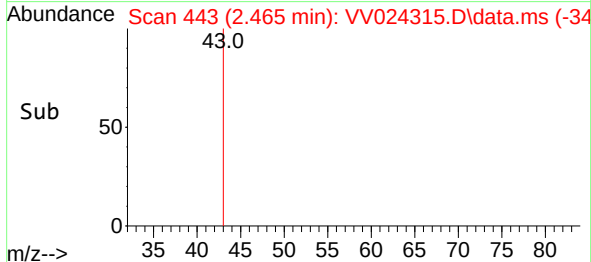
Tgt Ion: 43 Resp: 599
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2

Manual Integrations
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Reviewed By :John
Carlone

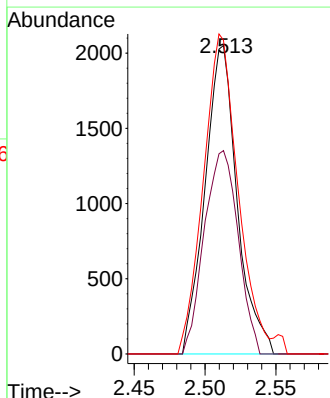
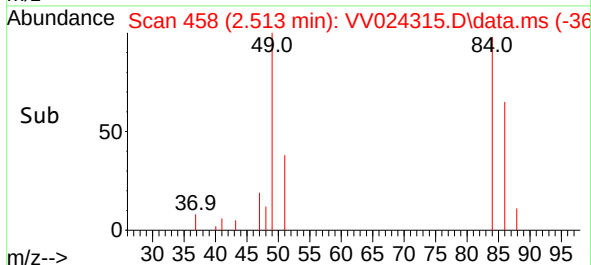
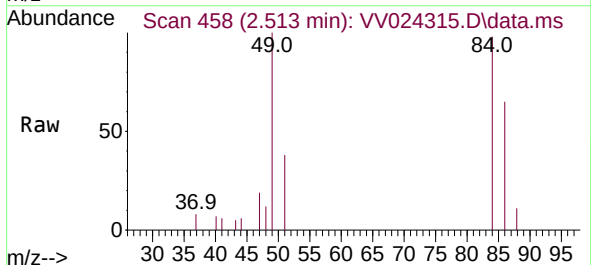
01/10/2022
Supervised By :Mahesh
Dadoda

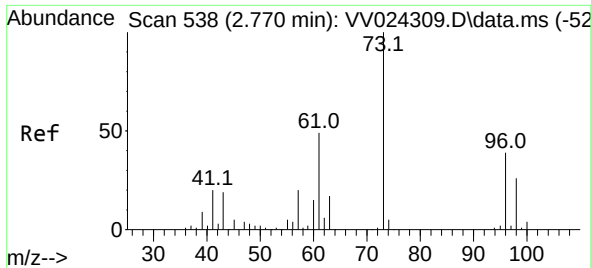
01/10/2022



#16
Methylene chloride
Concen: 0.281 ug/L
RT: 2.513 min Scan# 458
Delta R.T. 0.006 min
Lab File: VV024315.D
Acq: 08 Jan 2022 13:48

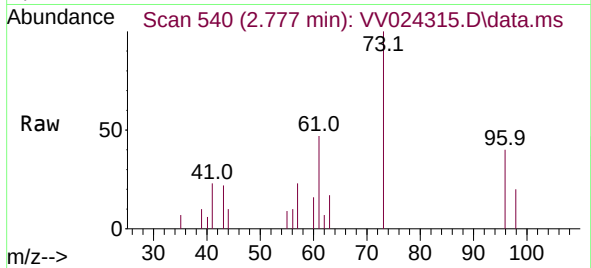
Tgt Ion: 84 Resp: 3239
Ion Ratio Lower Upper
84 100
86 65.9 42.6 79.0
49 101.8 79.7 147.9





#17
Methyl tert-butyl Ether
Concen: 0.198 ug/L
RT: 2.777 min Scan# 540
Delta R.T. 0.006 min
Lab File: VV024315.D
Acq: 08 Jan 2022 13:48

Instrument :
MSVOA_V
ClientSampleId :
MDL05



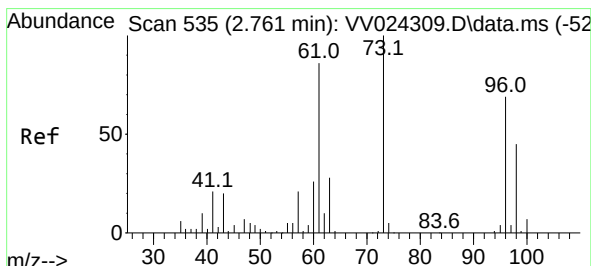
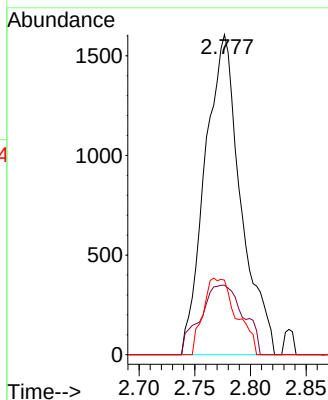
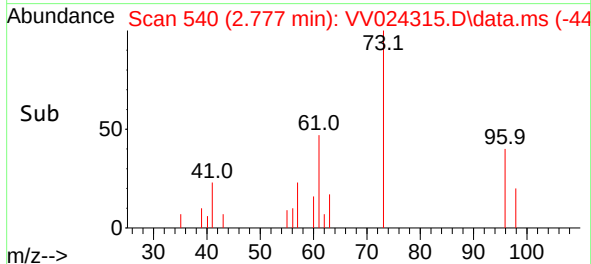
Tgt Ion: 73 Resp: 358
Ion Ratio Lower Upper
73 100
43 26.2 15.5 23.3
57 22.1 17.1 25.7

Manual Integrations
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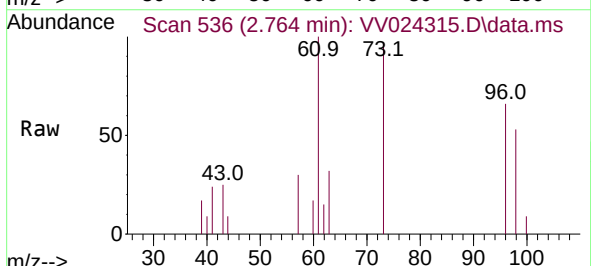
Reviewed By :John
Carlone

01/10/2022
Supervised By :Mahesh
Dadoda

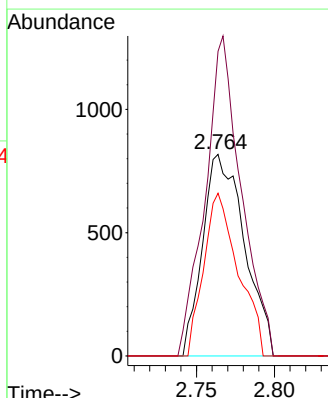
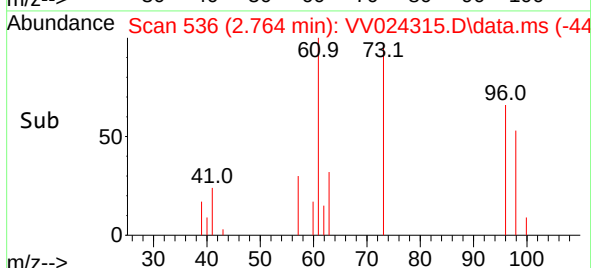
01/10/2022

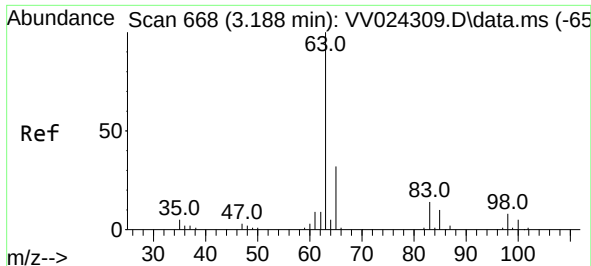


#18
trans-1,2-Dichloroethene
Concen: 0.191 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV024315.D
Acq: 08 Jan 2022 13:48



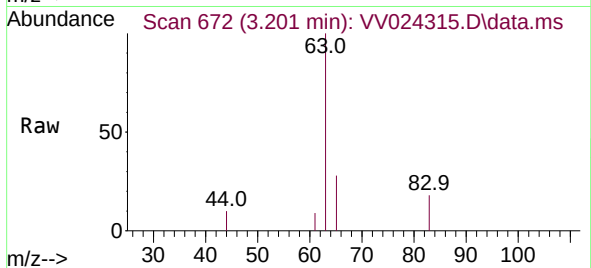
Tgt Ion: 96 Resp: 1528
Ion Ratio Lower Upper
96 100
61 151.1 88.2 163.8
98 80.7 44.9 83.5





#19
1,1-Dichloroethane
Concen: 0.205 ug/L
RT: 3.201 min Scan# 61
Delta R.T. 0.013 min
Lab File: VV024315.D
Acq: 08 Jan 2022 13:48

Instrument :
MSVOA_V
ClientSampleId :
MDL05



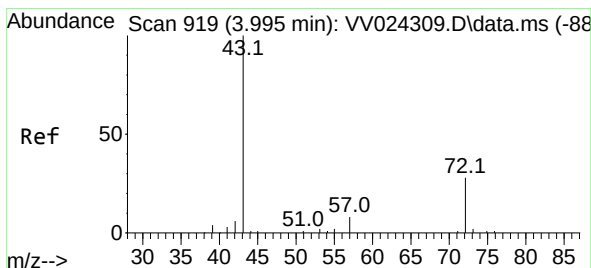
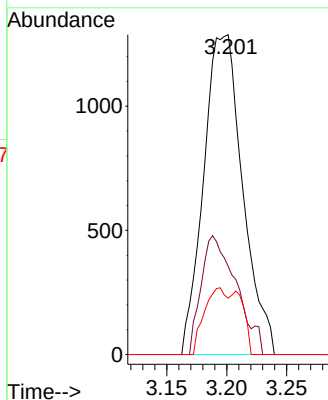
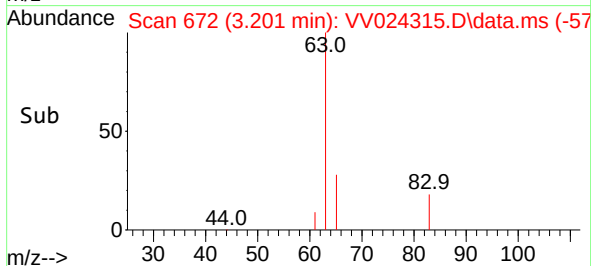
Tgt Ion: 63 Resp: 291
Ion Ratio Lower Upper
63 100
65 27.6 22.3 41.3
83 17.6 10.7 19.9

Manual Integrations
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Reviewed By :John
Carlone

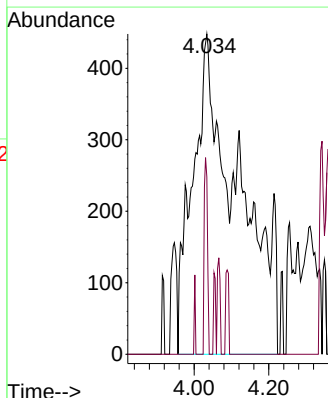
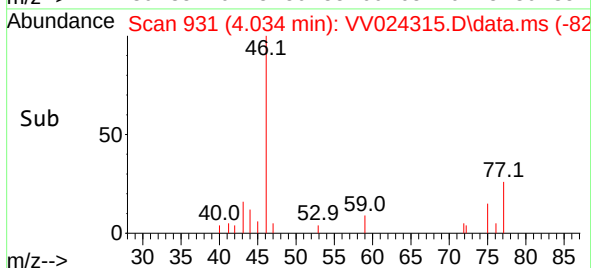
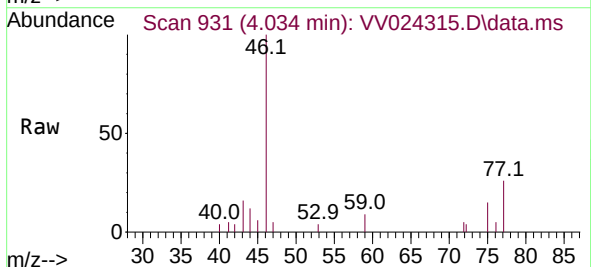
01/10/2022
Supervised By :Mahesh
Dadoda

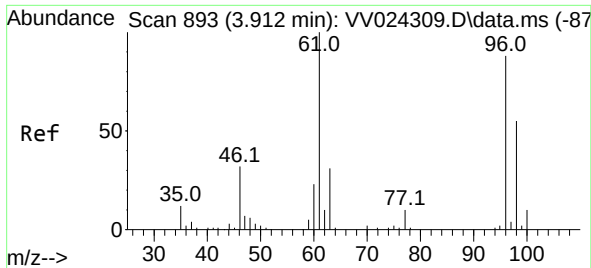
01/10/2022



#21
2-Butanone
Concen: 2.869 ug/L m
RT: 4.034 min Scan# 931
Delta R.T. 0.038 min
Lab File: VV024315.D
Acq: 08 Jan 2022 13:48

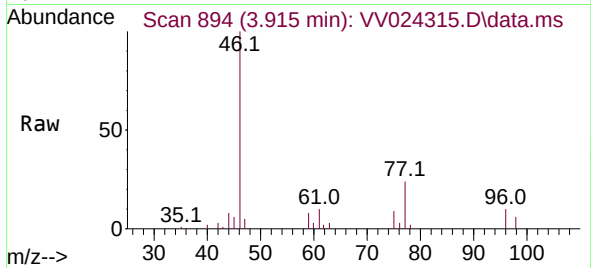
Tgt Ion: 43 Resp: 3757
Ion Ratio Lower Upper
43 100
72 4.5 11.1 33.1#





#22
cis-1,2-Dichloroethene
Concen: 0.196 ug/L m
RT: 3.915 min Scan# 893
Delta R.T. 0.003 min
Lab File: VV024315.D
Acq: 08 Jan 2022 13:48

Instrument :
MSVOA_V
ClientSampleId :
MDL05



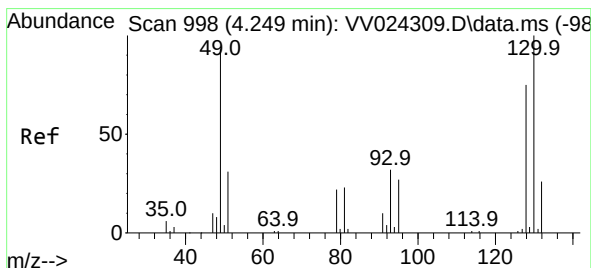
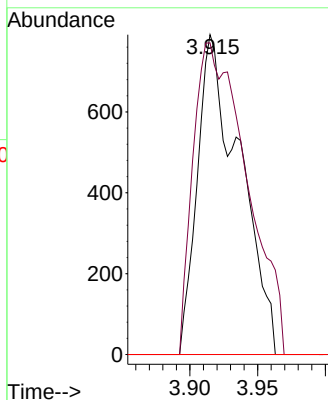
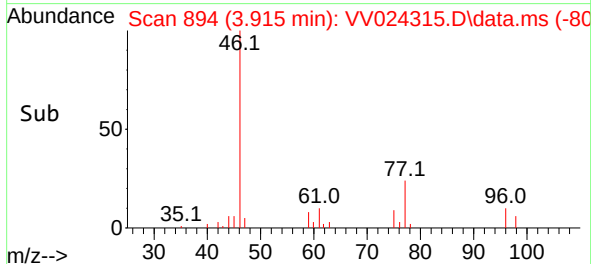
Tgt Ion: 96 Resp: 1724
Ion Ratio Lower Upper
96 100
61 97.5 83.4 154.8
68 0.0 0.0 0.0

Manual Integrations
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Reviewed By :John
Carlone

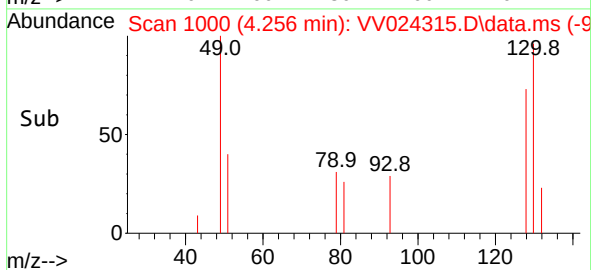
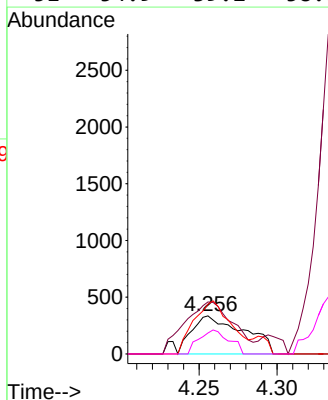
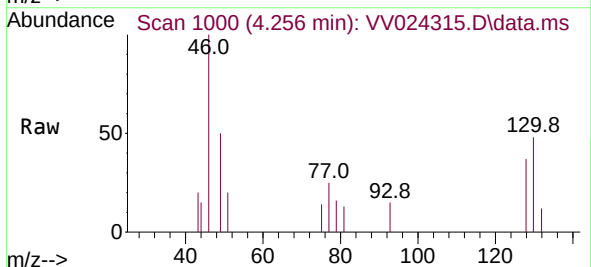
01/10/2022
Supervised By :Mahesh
Dadoda

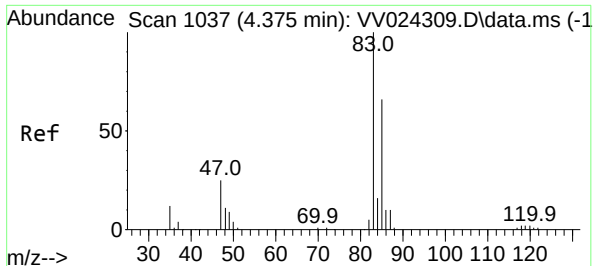
01/10/2022



#23
Bromochloromethane
Concen: 0.198 ug/L
RT: 4.256 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VV024315.D
Acq: 08 Jan 2022 13:48

Tgt Ion:128 Resp: 774
Ion Ratio Lower Upper
128 100
49 136.7 100.2 186.2
130 130.7 92.5 171.7
51 54.9 39.2 58.8





#25

Chloroform

Concen: 0.325 ug/L

RT: 4.378 min Scan# 1037

Delta R.T. 0.003 min

Lab File: VV024315.D

Acq: 08 Jan 2022 13:48

Instrument :

MSVOA_V

ClientSampleId :

MDL05

Tgt Ion: 83 Resp: 552
 Ion Ratio Lower Upper
 83 100
 85 63.6 45.2 84.0

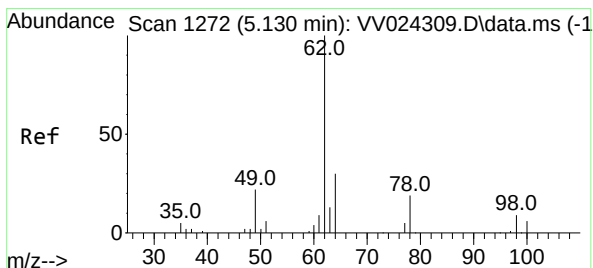
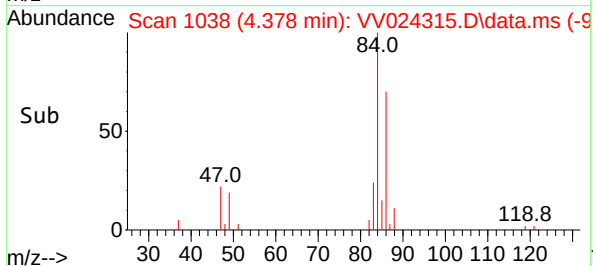
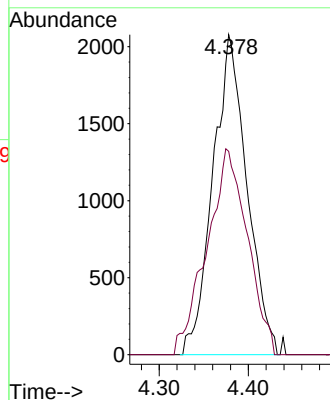
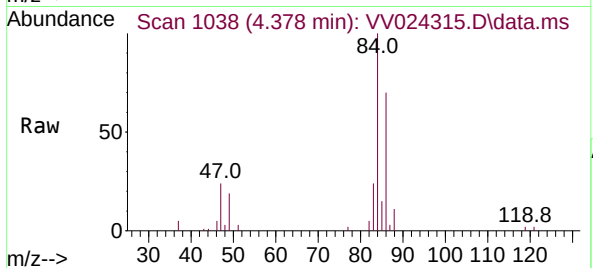
Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

01/10/2022

Supervised By :Mahesh
 Dadoda

01/10/2022



#27

1,2-Dichloroethane

Concen: 0.217 ug/L

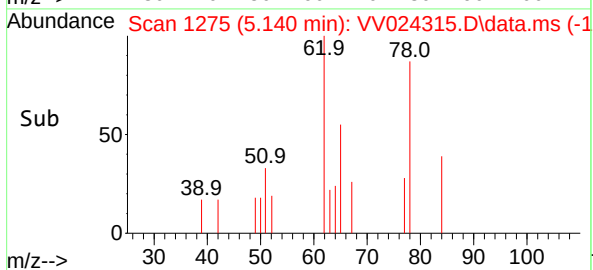
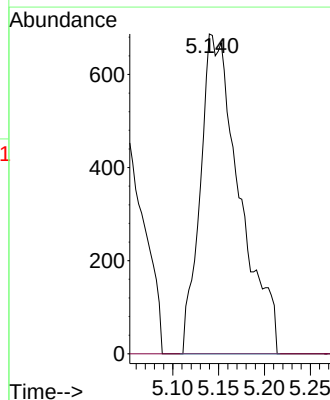
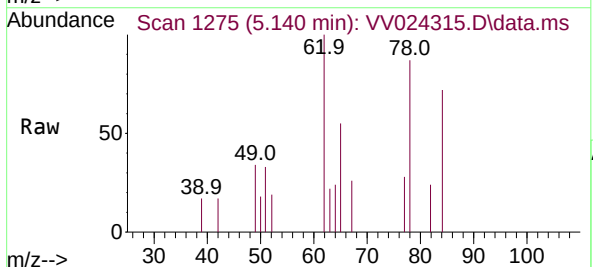
RT: 5.140 min Scan# 1275

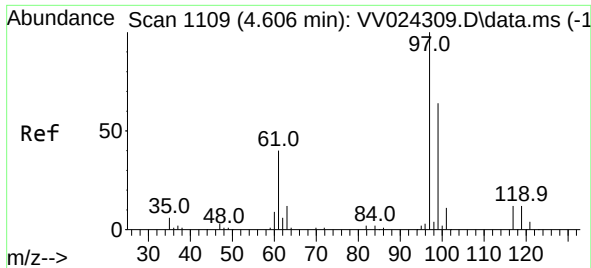
Delta R.T. 0.010 min

Lab File: VV024315.D

Acq: 08 Jan 2022 13:48

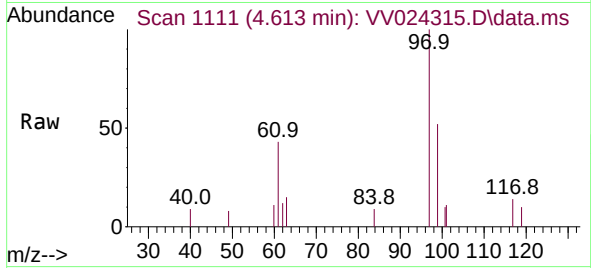
Tgt Ion: 62 Resp: 2043
 Ion Ratio Lower Upper
 62 100
 98 0.0 8.1 12.1#





#29
1,1,1-Trichloroethane
Concen: 0.199 ug/L
RT: 4.613 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VV024315.D
Acq: 08 Jan 2022 13:48

Instrument :
MSVOA_V
ClientSampleId :
MDL05



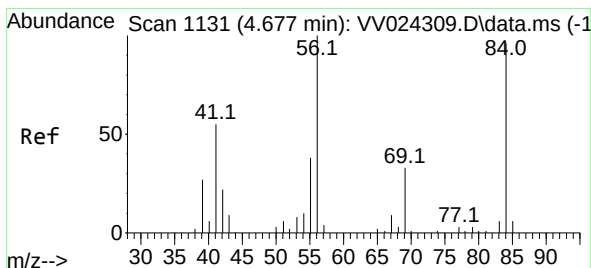
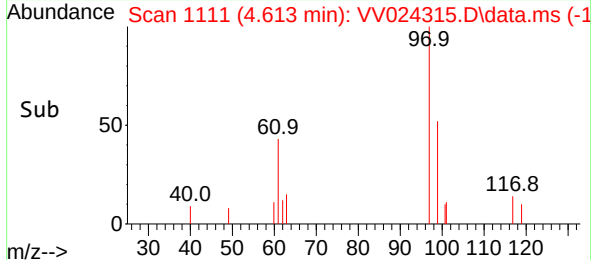
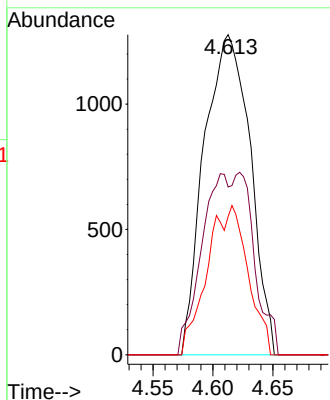
Tgt Ion: 97 Resp: 3400
Ion Ratio Lower Upper
97 100
99 0.0 51.9 77.9
61 21.8 33.2 49.8

Manual Integrations
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Reviewed By :John
Carlone

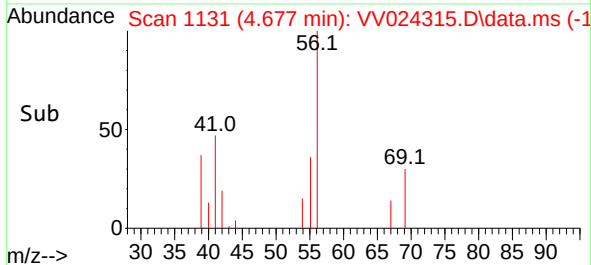
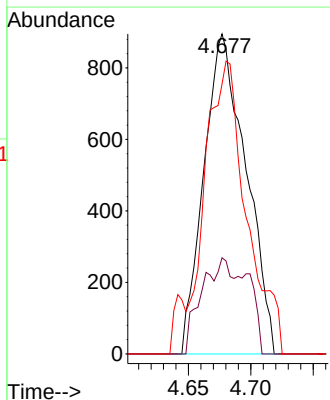
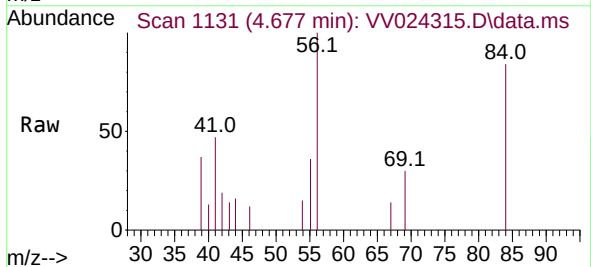
01/10/2022
Supervised By :Mahesh
Dadoda

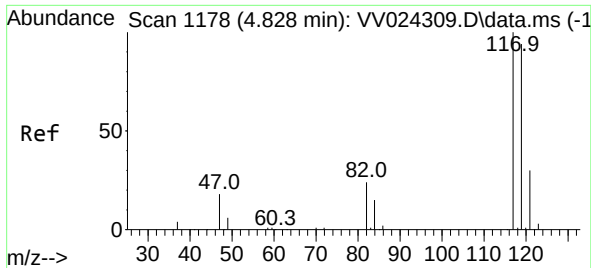
01/10/2022



#30
Cyclohexane
Concen: 0.195 ug/L
RT: 4.677 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VV024315.D
Acq: 08 Jan 2022 13:48

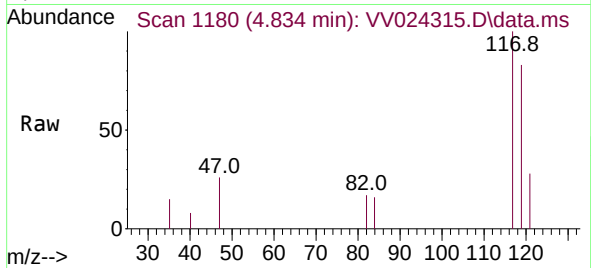
Tgt Ion: 56 Resp: 2097
Ion Ratio Lower Upper
56 100
69 22.0 24.8 37.2
84 89.3 75.9 113.9





#31
Carbon tetrachloride
Concen: 0.196 ug/L
RT: 4.834 min Scan# 1178
Delta R.T. 0.006 min
Lab File: VV024315.D
Acq: 08 Jan 2022 13:48

Instrument :
MSVOA_V
ClientSampleId :
MDL05



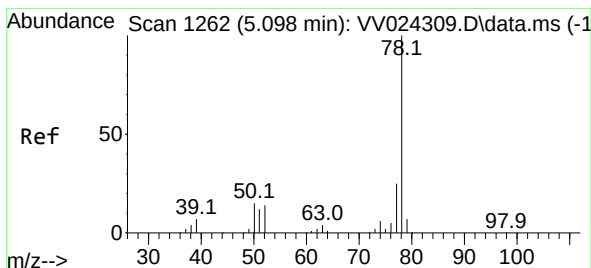
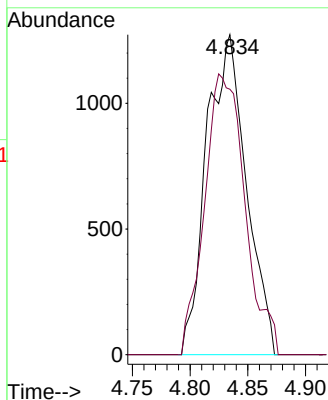
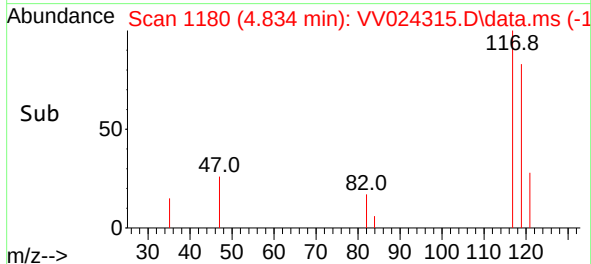
Tgt Ion:117 Resp: 3050
Ion Ratio Lower Upper
117 100
119 88.9 76.6 114.8

Manual Integrations
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Reviewed By :John
Carlone

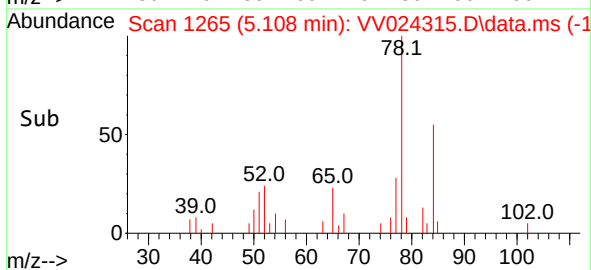
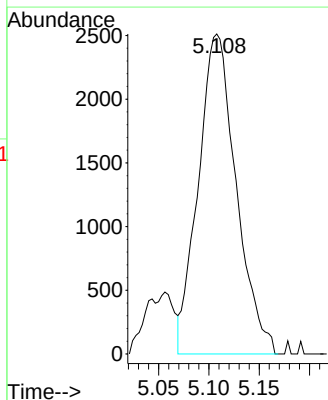
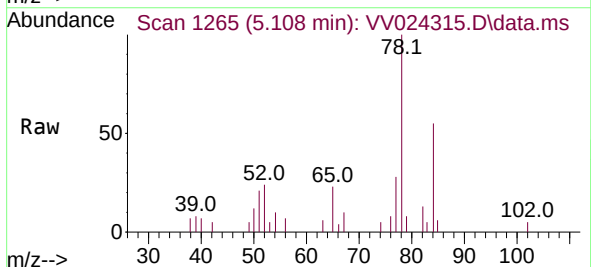
01/10/2022
Supervised By :Mahesh
Dadoda

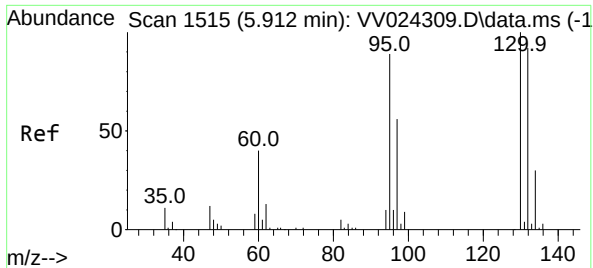
01/10/2022



#33
Benzene
Concen: 0.200 ug/L
RT: 5.108 min Scan# 1265
Delta R.T. 0.010 min
Lab File: VV024315.D
Acq: 08 Jan 2022 13:48

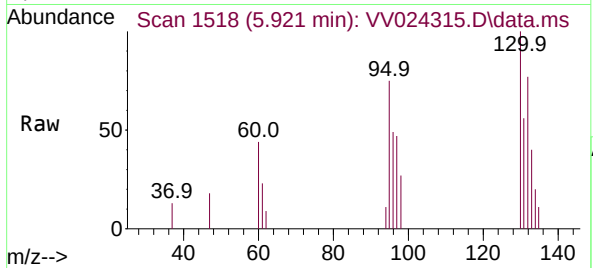
Tgt Ion: 78 Resp: 6576





#34
Trichloroethene
Concen: 0.185 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.010 min
Lab File: VV024315.D
Acq: 08 Jan 2022 13:48

Instrument :
MSVOA_V
ClientSampleId :
MDL05



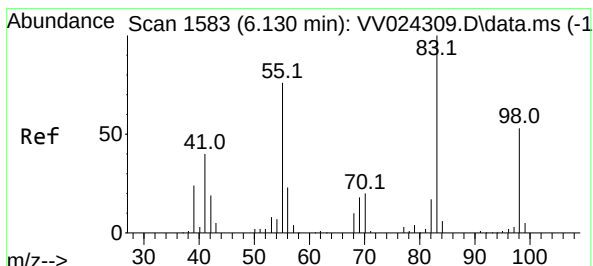
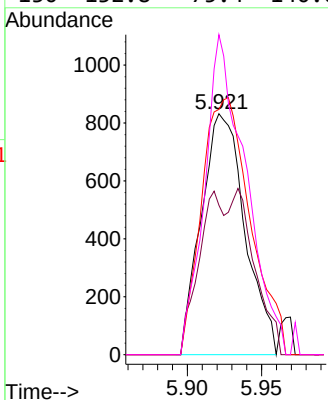
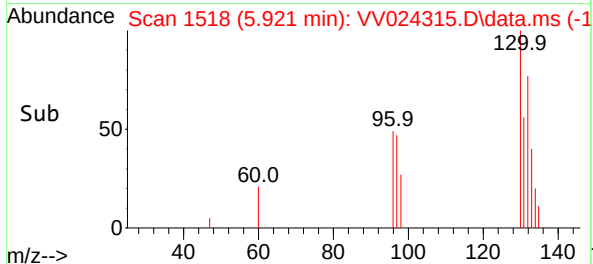
Tgt Ion: 95 Resp: 170
Ion Ratio Lower Upper
95 100
97 62.0 45.2 84.0
132 101.8 76.1 141.3
130 132.8 75.4 140.0

Manual Integrations
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Reviewed By :John
Carlone

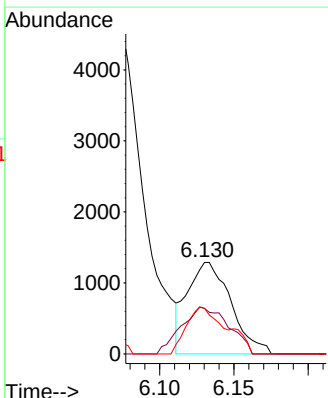
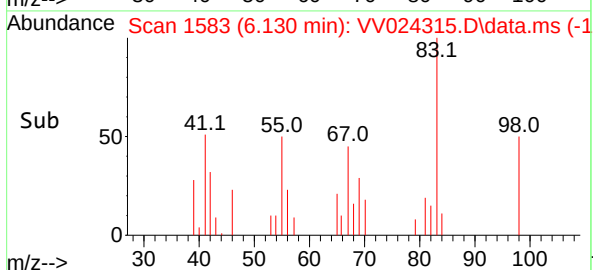
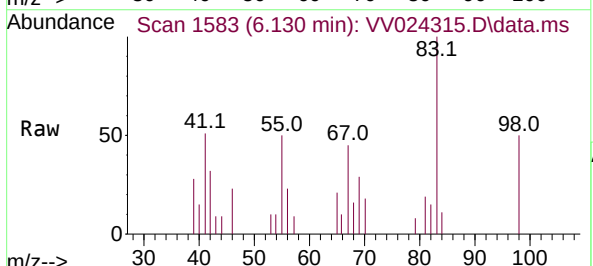
01/10/2022
Supervised By :Mahesh
Dadoda

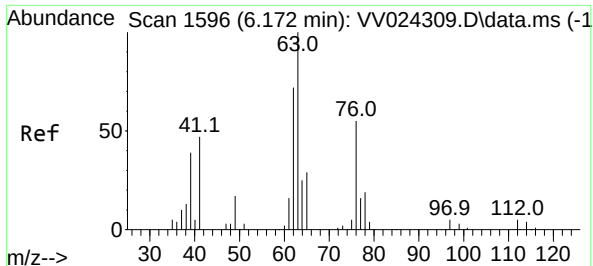
01/10/2022



#35
Methylcyclohexane
Concen: 0.206 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. -0.000 min
Lab File: VV024315.D
Acq: 08 Jan 2022 13:48

Tgt Ion: 83 Resp: 2638
Ion Ratio Lower Upper
83 100
55 55.5 60.2 90.2#
98 47.2 41.0 61.4





#37

1,2-Dichloropropane

Concen: 0.212 ug/L

RT: 6.182 min Scan# 1596

Delta R.T. 0.010 min

Lab File: VV024315.D

Acq: 08 Jan 2022 13:48

Instrument :

MSVOA_V

ClientSampleId :

MDL05

Tgt Ion: 63 Resp: 1618
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.3 6.5

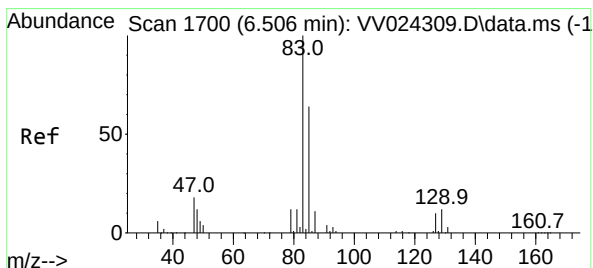
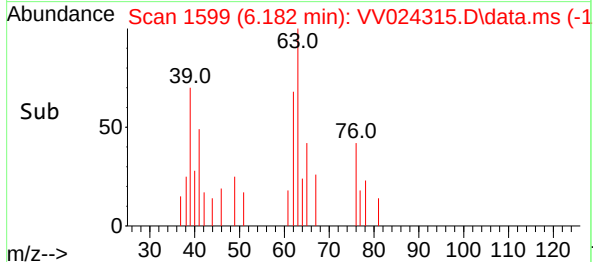
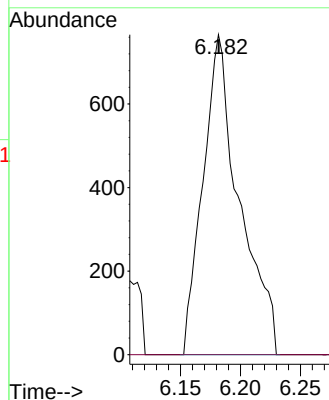
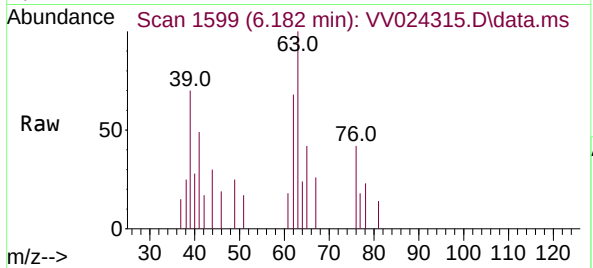
Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

01/10/2022

Supervised By :Mahesh
 Dadoda

01/10/2022



#38

Bromodichloromethane

Concen: 0.186 ug/L

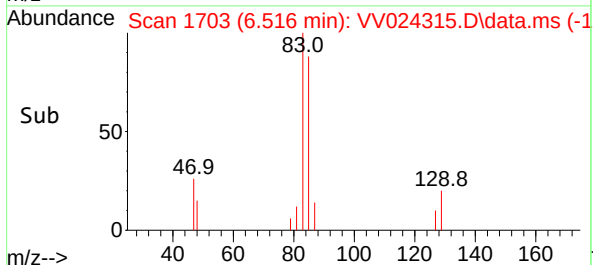
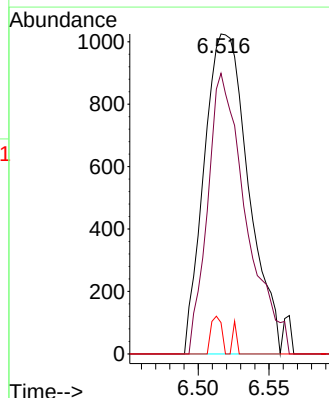
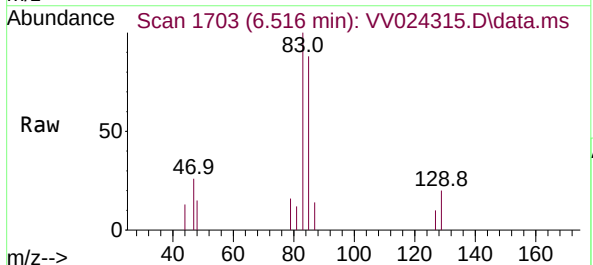
RT: 6.516 min Scan# 1703

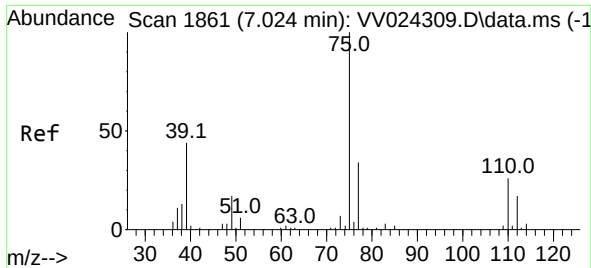
Delta R.T. 0.010 min

Lab File: VV024315.D

Acq: 08 Jan 2022 13:48

Tgt Ion: 83 Resp: 2233
 Ion Ratio Lower Upper
 83 100
 85 87.7 44.0 81.8#
 127 9.8 8.6 12.8





#39

cis-1,3-Dichloropropene

Concen: 0.198 ug/L m

RT: 7.037 min Scan# 1861

Delta R.T. 0.013 min

Lab File: VV024315.D

Acq: 08 Jan 2022 13:48

Instrument :

MSVOA_V

ClientSampleId :

MDL05

Tgt Ion: 75 Resp: 2295
 Ion Ratio Lower Upper
 75 100
 77 50.1 22.0 41.0

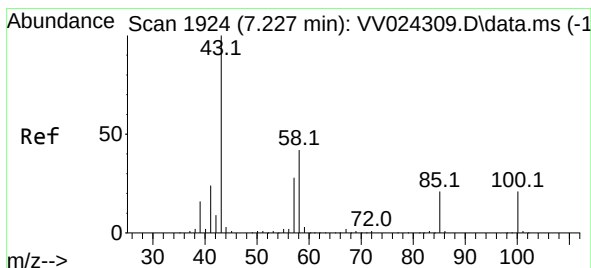
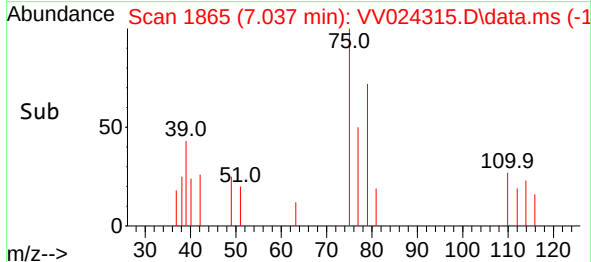
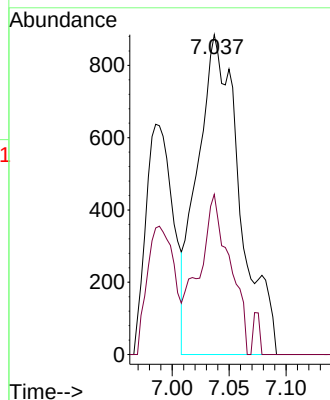
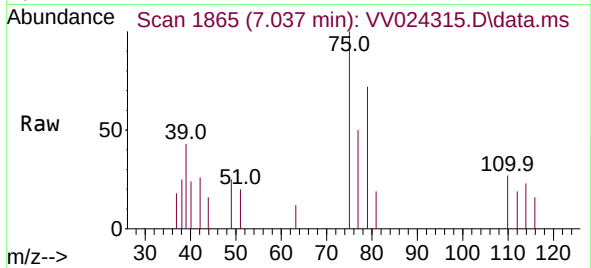
Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

01/10/2022

Supervised By :Mahesh
 Dadoda

01/10/2022



#40

4-Methyl-2-pentanone

Concen: 1.515 ug/L

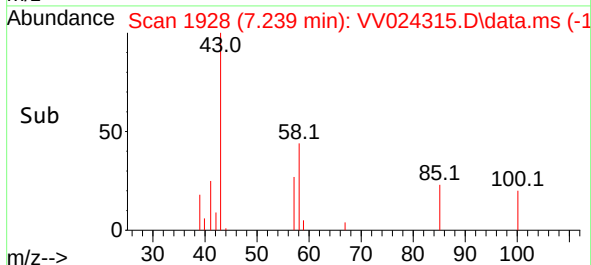
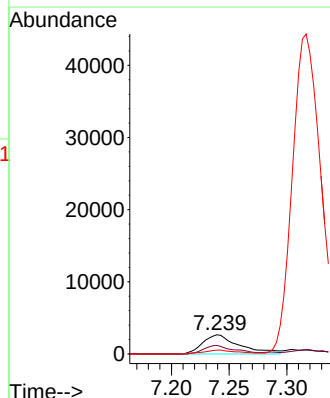
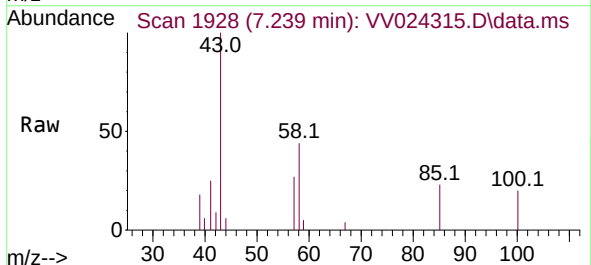
RT: 7.239 min Scan# 1928

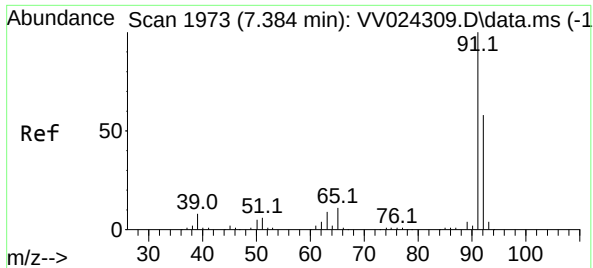
Delta R.T. 0.013 min

Lab File: VV024315.D

Acq: 08 Jan 2022 13:48

Tgt Ion: 43 Resp: 5908
 Ion Ratio Lower Upper
 43 100
 58 36.6 32.3 48.5
 100 0.0 13.0 19.6





#42

Toluene

Concen: 0.235 ug/L

RT: 7.394 min Scan# 1973

Delta R.T. 0.010 min

Lab File: VV024315.D

Acq: 08 Jan 2022 13:48

Instrument :

MSVOA_V

ClientSampleId :

MDL05

Tgt Ion: 91 Resp: 8880

Ion Ratio Lower Upper

91 100

92 57.9 41.5 77.1

Manual Integrations

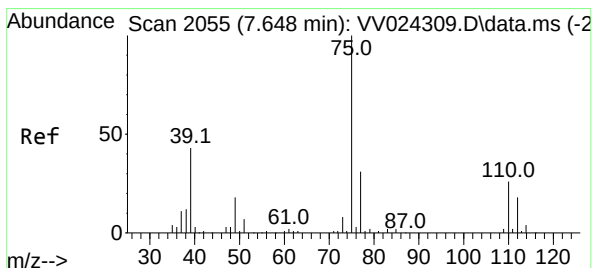
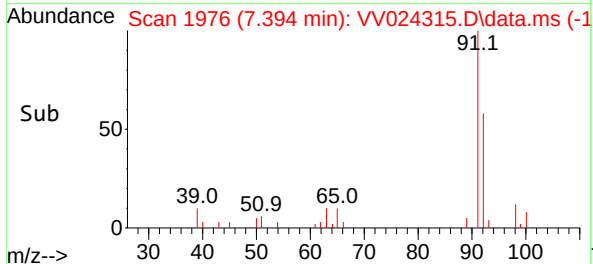
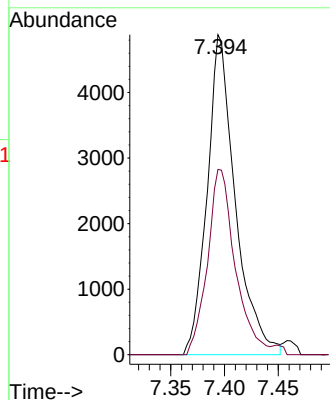
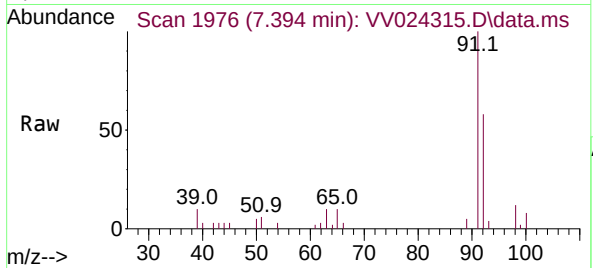
APPROVED

Reviewed By :John
Carlone

01/10/2022

Supervised By :Mahesh
Dadoda

01/10/2022



#44

trans-1,3-Dichloropropene

Concen: 0.213 ug/L

RT: 7.664 min Scan# 2060

Delta R.T. 0.016 min

Lab File: VV024315.D

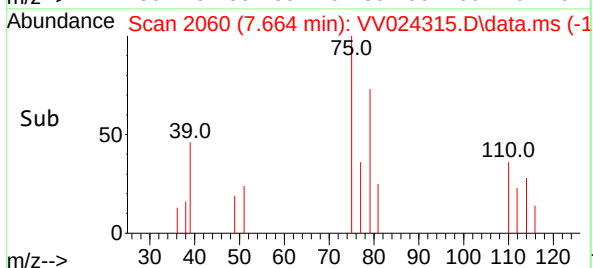
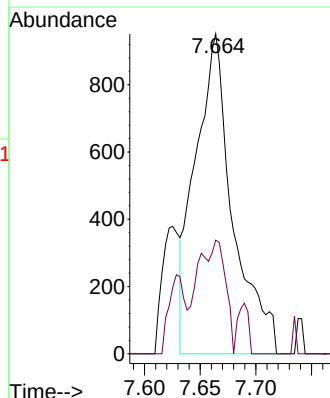
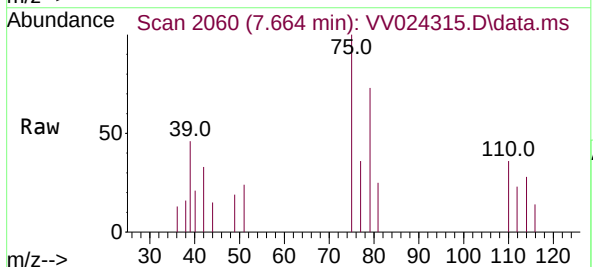
Acq: 08 Jan 2022 13:48

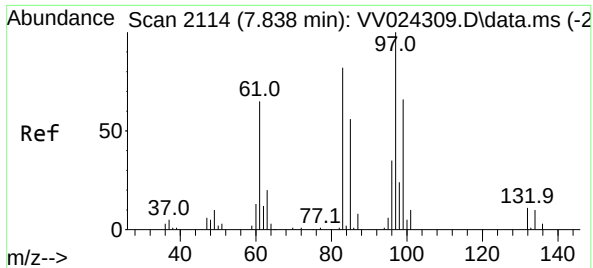
Tgt Ion: 75 Resp: 2228

Ion Ratio Lower Upper

75 100

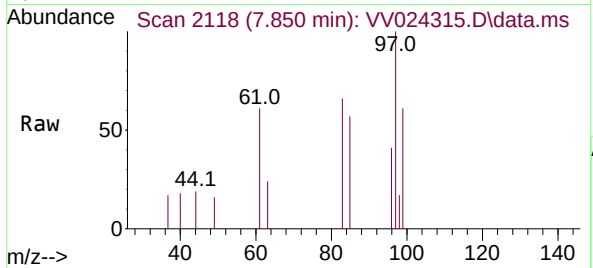
77 35.5 21.8 40.4





#45
1,1,2-Trichloroethane
Concen: 0.201 ug/L
RT: 7.850 min Scan# 2114
Delta R.T. 0.013 min
Lab File: VV024315.D
Acq: 08 Jan 2022 13:48

Instrument :
MSVOA_V
ClientSampleId :
MDL05



Tgt Ion: 97 Resp: 1248

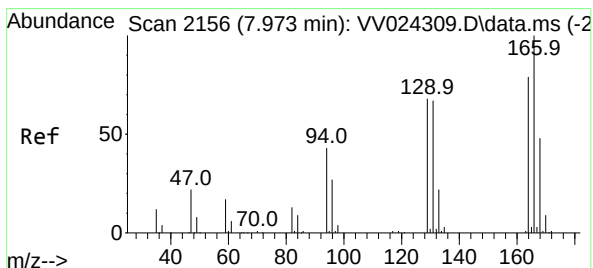
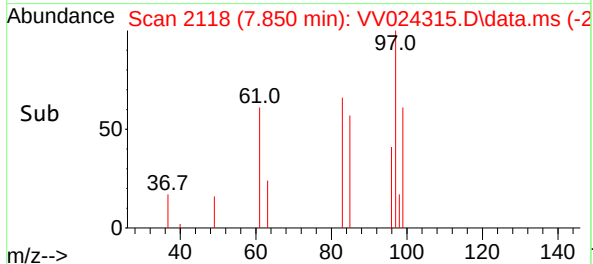
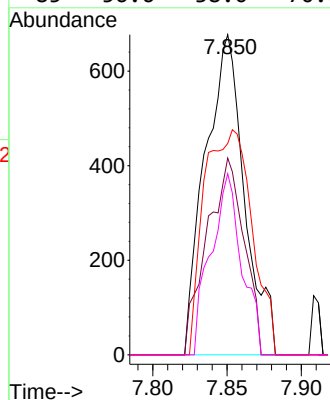
Ion	Ratio	Lower	Upper
97	100		
99	61.4	43.1	80.1
83	66.0	57.9	107.5
85	56.6	38.0	70.6

Manual Integrations
APPROVED

Reviewed By :John
Carlone

01/10/2022
Supervised By :Mahesh
Dadoda

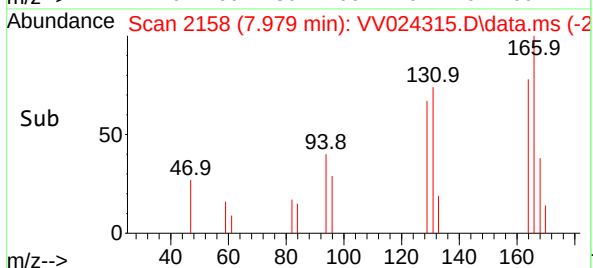
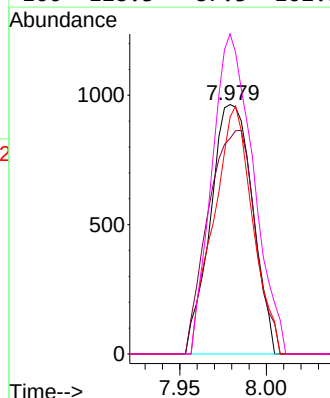
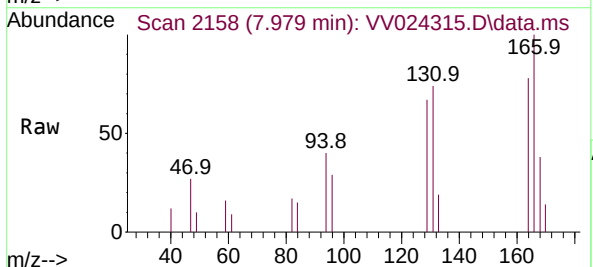
01/10/2022

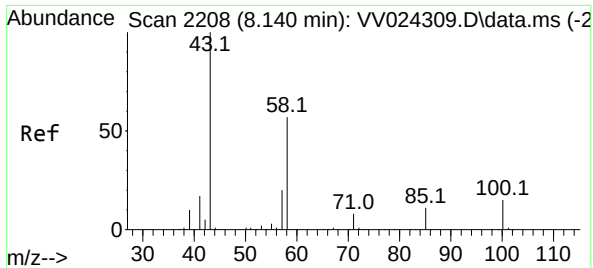


#47
Tetrachloroethene
Concen: 0.190 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.006 min
Lab File: VV024315.D
Acq: 08 Jan 2022 13:48

Tgt Ion:164 Resp: 1628

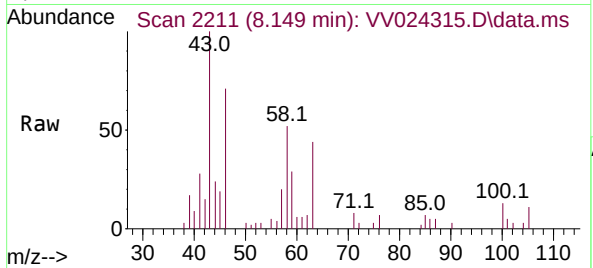
Ion	Ratio	Lower	Upper
164	100		
129	86.4	62.6	116.2
131	95.0	61.0	113.4
166	128.3	87.3	162.1





#48
2-Hexanone
Concen: 4.201 ug/L
RT: 8.149 min Scan# 2111
Delta R.T. 0.010 min
Lab File: VV024315.D
Acq: 08 Jan 2022 13:48

Instrument :
MSVOA_V
ClientSampleId :
MDL05



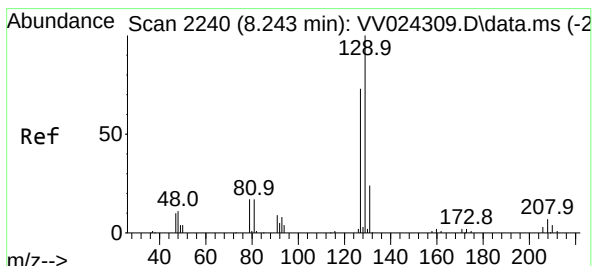
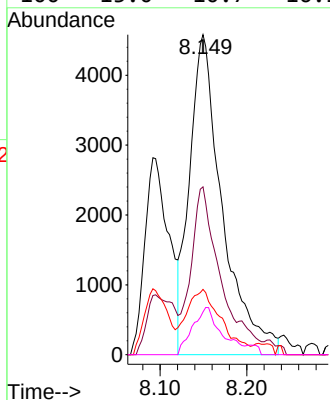
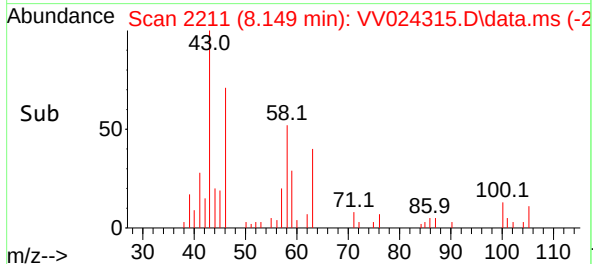
Tgt Ion: 43 Resp: 1208
Ion Ratio Lower Upper
43 100
58 41.9 44.5 66.7
57 22.1 15.1 22.7
100 13.0 10.7 16.1

Manual Integrations
APPROVED

Reviewed By :John
Carlone

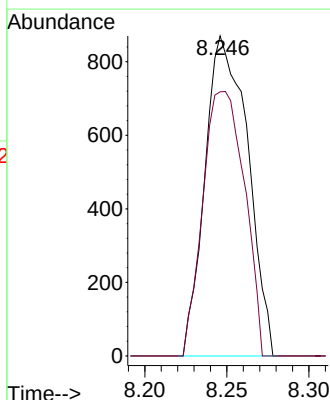
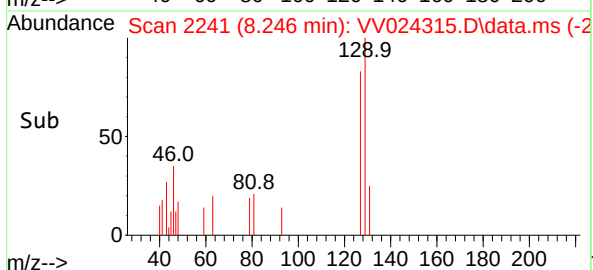
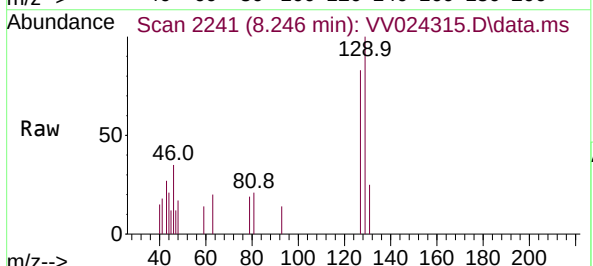
01/10/2022
Supervised By :Mahesh
Dadoda

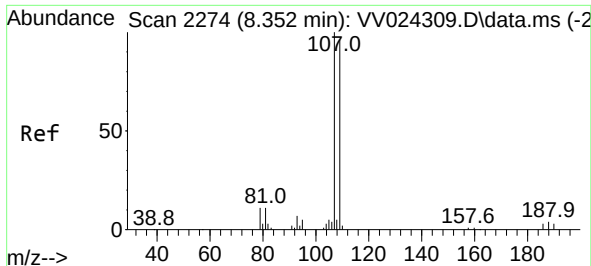
01/10/2022



#49
Dibromochloromethane
Concen: 0.184 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.003 min
Lab File: VV024315.D
Acq: 08 Jan 2022 13:48

Tgt Ion:129 Resp: 1570
Ion Ratio Lower Upper
129 100
127 82.5 53.5 99.3





#50

1,2-Dibromoethane

Concen: 0.188 ug/L

RT: 8.358 min Scan# 21

Delta R.T. 0.006 min

Lab File: VV024315.D

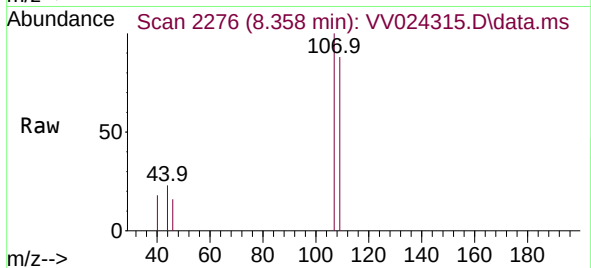
Acq: 08 Jan 2022 13:48

Instrument :

MSVOA_V

ClientSampleId :

MDL05



Tgt Ion:	107	Resp:	1058
Ion Ratio	Lower	Upper	
107	100		
109	87.8	62.5	116.1
188	0.0	3.4	5.2

Manual Integrations

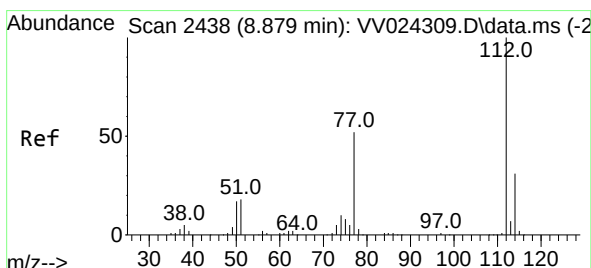
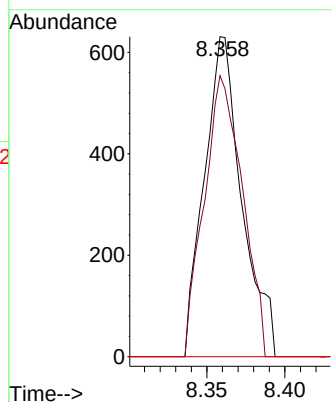
APPROVED

Reviewed By :John
Carlone

01/10/2022

Supervised By :Mahesh
Dadoda

01/10/2022



#51

Chlorobenzene

Concen: 0.195 ug/L

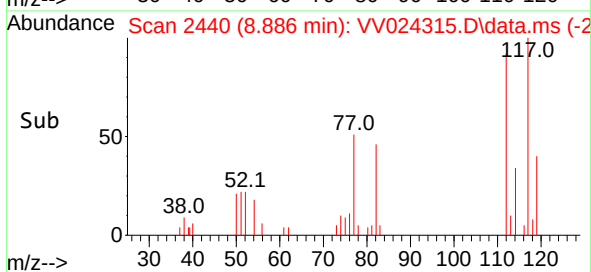
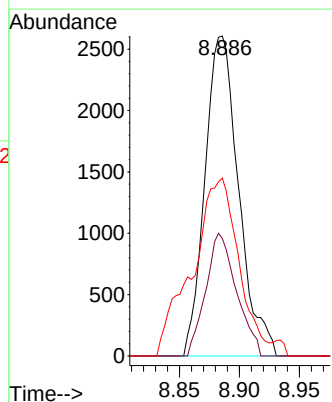
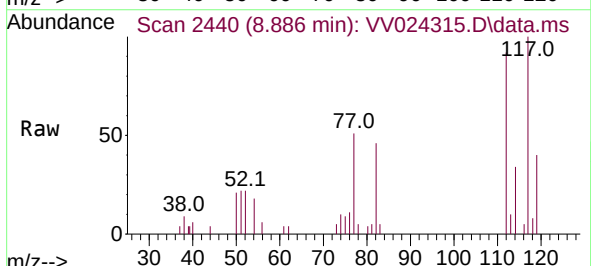
RT: 8.886 min Scan# 2440

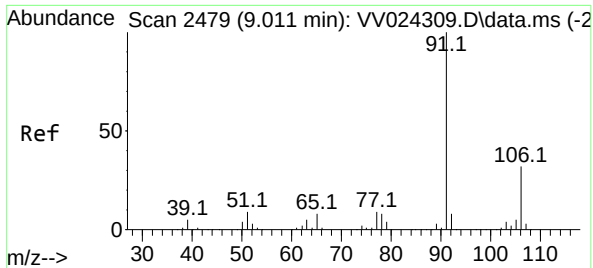
Delta R.T. 0.006 min

Lab File: VV024315.D

Acq: 08 Jan 2022 13:48

Tgt Ion:	112	Resp:	5094
Ion Ratio	Lower	Upper	
112	100		
114	36.7	23.3	43.3
77	55.6	43.3	64.9





#52
Ethylbenzene
Concen: 0.174 ug/L
RT: 9.018 min Scan# 2479
Delta R.T. 0.006 min
Lab File: VV024315.D
Acq: 08 Jan 2022 13:48

Instrument :
MSVOA_V
ClientSampleId :
MDL05

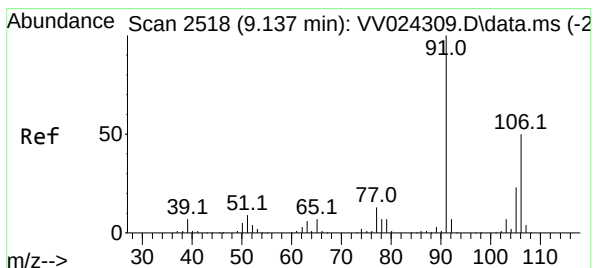
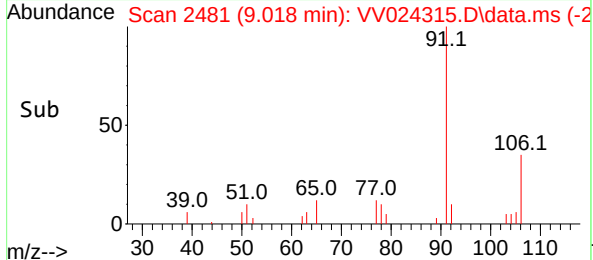
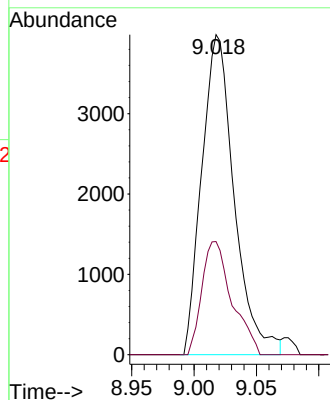
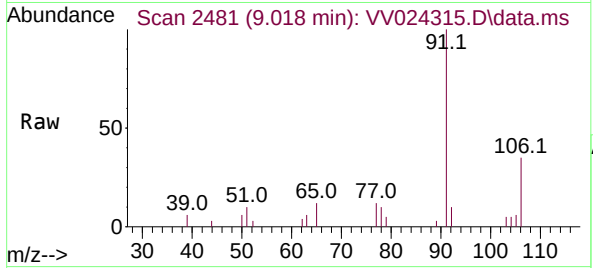
Tgt Ion: 91 Resp: 7208
Ion Ratio Lower Upper
91 100
106 35.4 22.0 41.0

Manual Integrations
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Reviewed By :John
Carlone

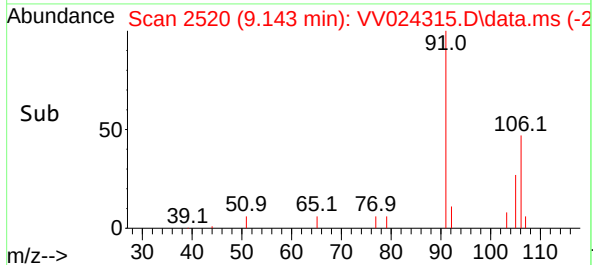
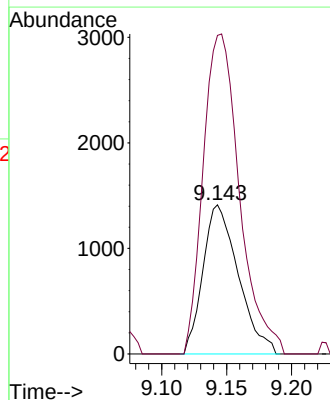
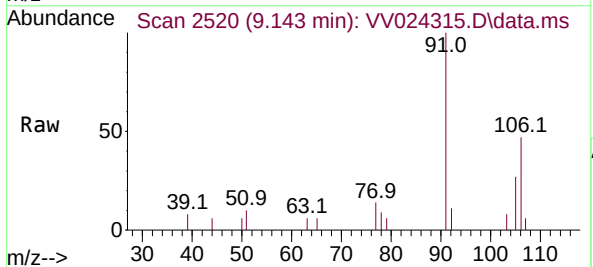
01/10/2022
Supervised By :Mahesh
Dadoda

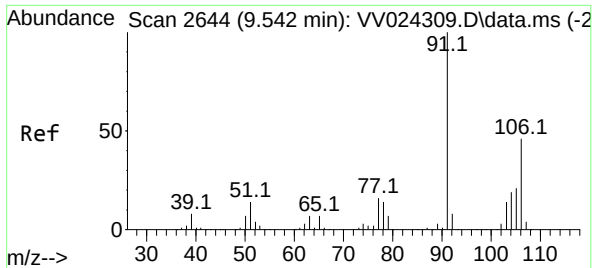
01/10/2022



#53
m,p-xylene
Concen: 0.161 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.006 min
Lab File: VV024315.D
Acq: 08 Jan 2022 13:48

Tgt Ion:106 Resp: 2675
Ion Ratio Lower Upper
106 100
91 213.7 139.5 259.1





#54
o-xylene
Concen: 0.151 ug/L
RT: 9.548 min Scan# 2654
Delta R.T. 0.006 min
Lab File: VV024315.D
Acq: 08 Jan 2022 13:48

Instrument :
MSVOA_V
ClientSampleId :
MDL05

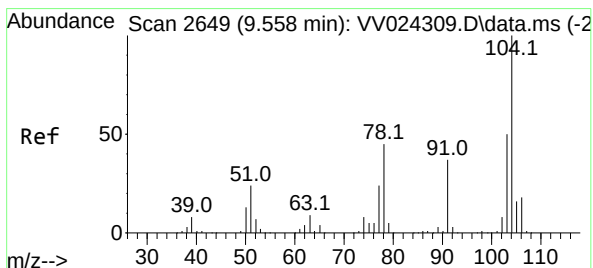
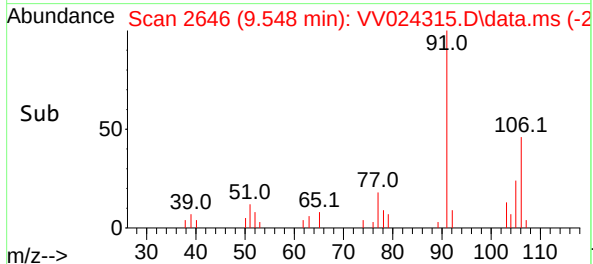
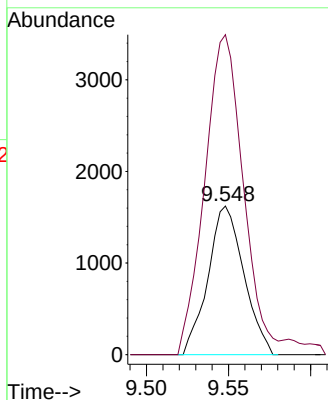
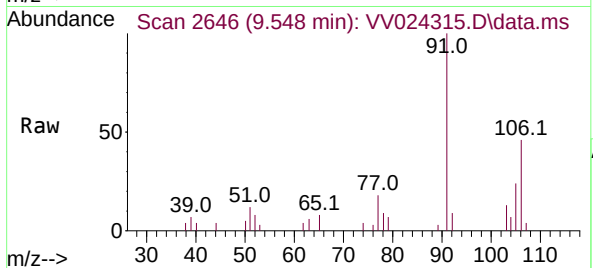
Tgt Ion:106 Resp: 2459
Ion Ratio Lower Upper
106 100
91 215.4 147.9 274.7

Manual Integrations
APPROVED

Reviewed By :John
Carlone

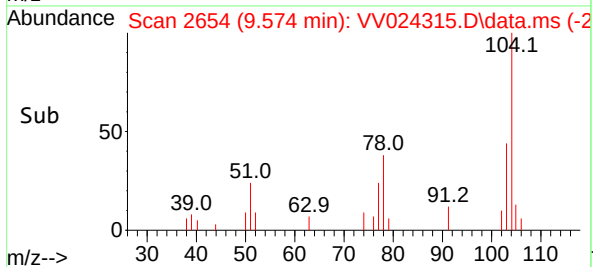
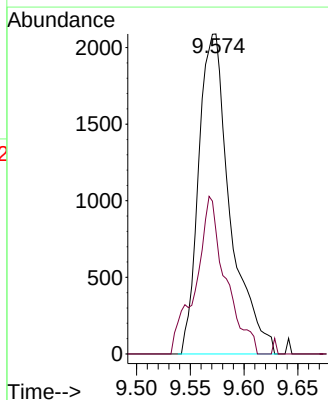
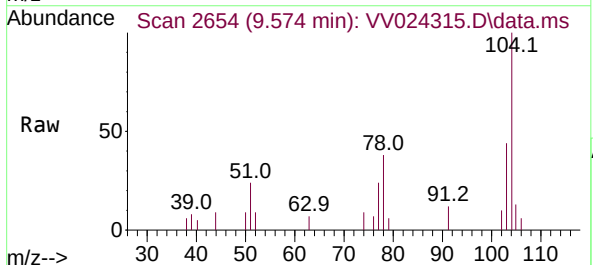
01/10/2022
Supervised By :Mahesh
Dadoda

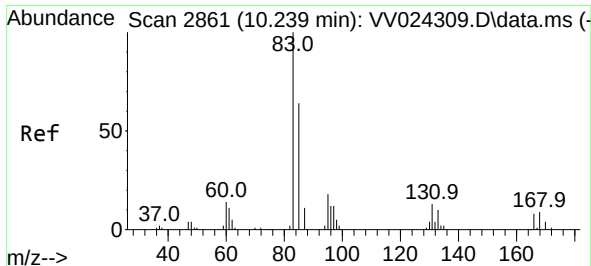
01/10/2022



#55
Styrene
Concen: 0.155 ug/L
RT: 9.574 min Scan# 2654
Delta R.T. 0.016 min
Lab File: VV024315.D
Acq: 08 Jan 2022 13:48

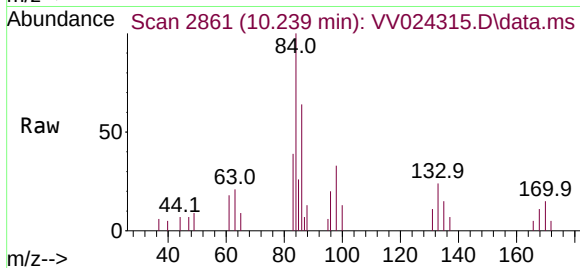
Tgt Ion:104 Resp: 4250
Ion Ratio Lower Upper
104 100
78 38.4 31.0 57.6





#57
1,1,2,2-Tetrachloroethane
Concen: 0.222 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. -0.000 min
Lab File: VV024315.D
Acq: 08 Jan 2022 13:48

Instrument : MSVOA_V
ClientSampleId : MDL05



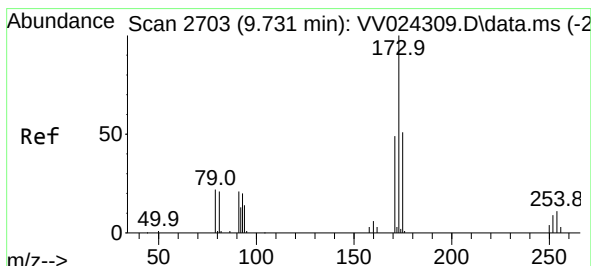
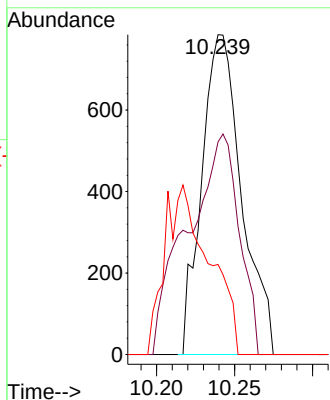
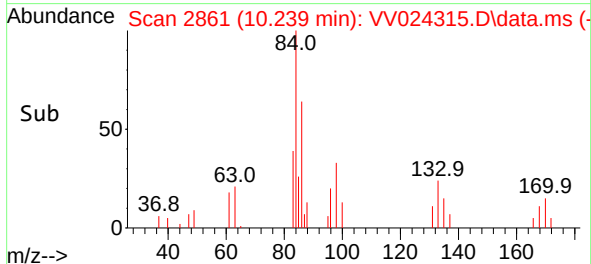
Tgt Ion: 83 Resp: 1399
Ion Ratio Lower Upper
83 100
85 66.5 44.6 82.8
131 28.2 8.3 12.5

Manual Integrations
APPROVED

Reviewed By :John
Carlone

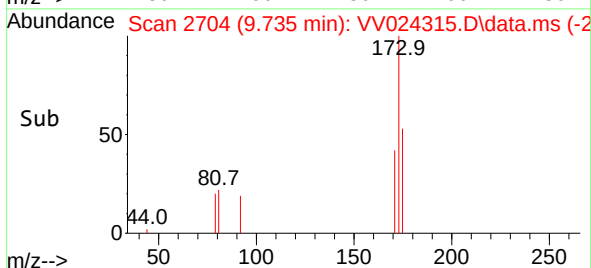
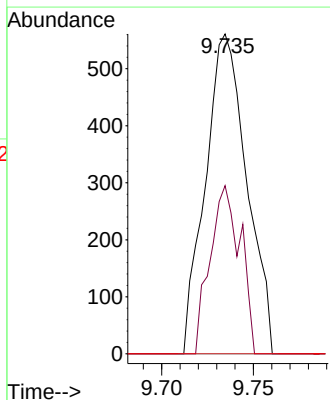
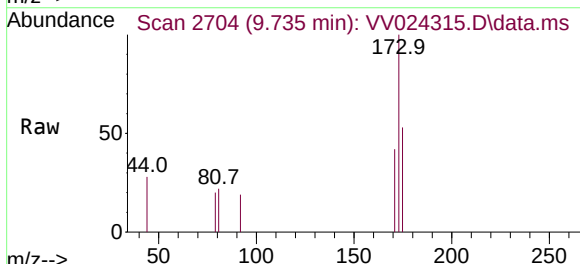
01/10/2022
Supervised By :Mahesh
Dadoda

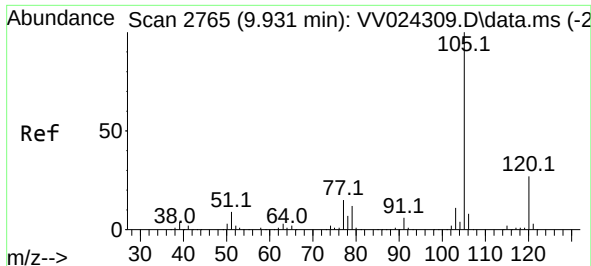
01/10/2022



#59
Bromoform
Concen: 0.195 ug/L
RT: 9.735 min Scan# 2704
Delta R.T. 0.003 min
Lab File: VV024315.D
Acq: 08 Jan 2022 13:48

Tgt Ion:173 Resp: 880
Ion Ratio Lower Upper
173 100
175 38.6 39.4 59.2#
254 0.0 7.4 11.0#





#60
Isopropylbenzene
Concen: 0.190 ug/L
RT: 9.934 min Scan# 2765
Delta R.T. 0.003 min
Lab File: VV024315.D
Acq: 08 Jan 2022 13:48

Instrument :
MSVOA_V
ClientSampleId :
MDL05

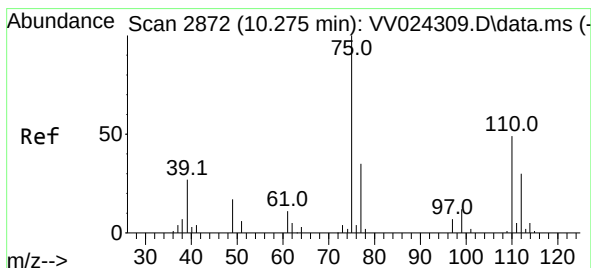
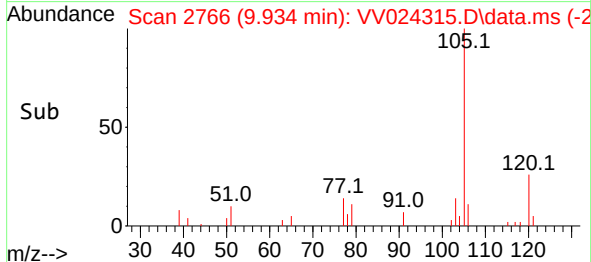
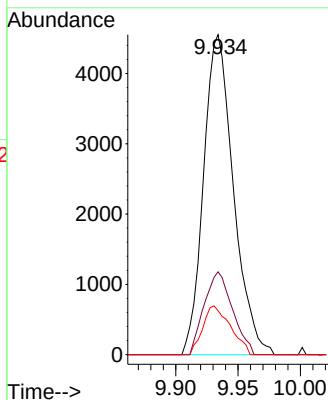
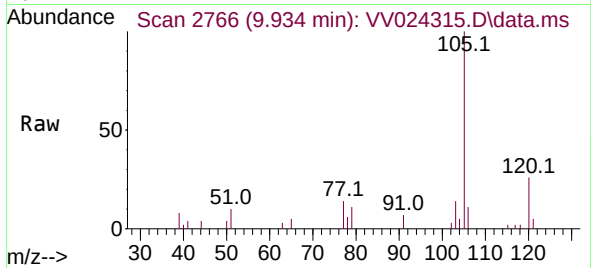
Tgt Ion:	105	Resp:	7594
Ion Ratio	Lower	Upper	
105	100		
120	24.5	21.4	32.0
77	14.1	12.2	18.4

Manual Integrations
APPROVED

Reviewed By :John
Carlone

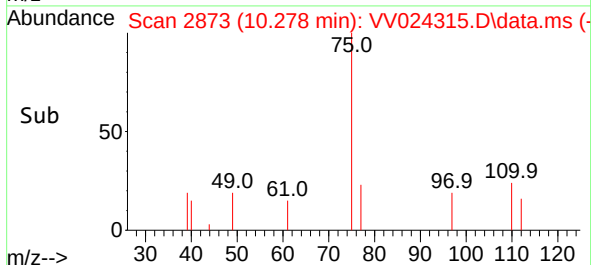
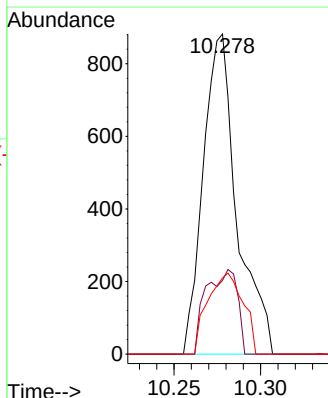
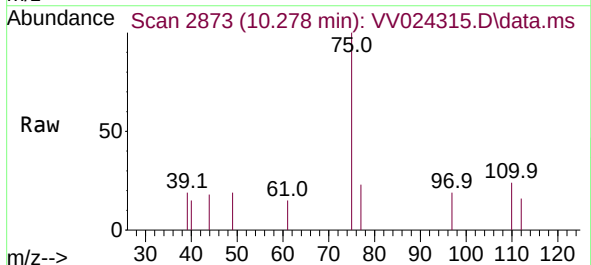
01/10/2022
Supervised By :Mahesh
Dadoda

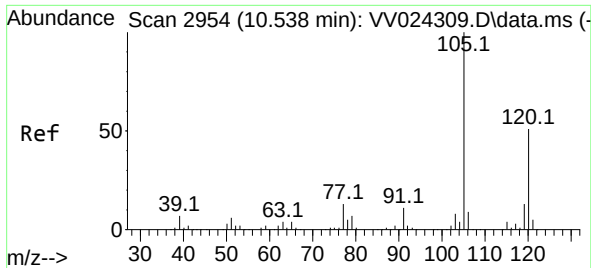
01/10/2022



#61
1,2,3-Trichloropropane
Concen: 0.272 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. 0.003 min
Lab File: VV024315.D
Acq: 08 Jan 2022 13:48

Tgt Ion:	75	Resp:	1192
Ion Ratio	Lower	Upper	
75	100		
77	24.4	26.4	39.6#
110	26.5	34.2	51.2#





#62

1,3,5-Trimethylbenzene

Concen: 0.173 ug/L

RT: 10.542 min Scan# 2954

Delta R.T. 0.003 min

Lab File: VV024315.D

Acq: 08 Jan 2022 13:48

Instrument :

MSVOA_V

ClientSampleId :

MDL05

Tgt Ion:105 Resp: 5948

Ion Ratio Lower Upper

105 100

120 48.7 40.1 60.1

Manual Integrations

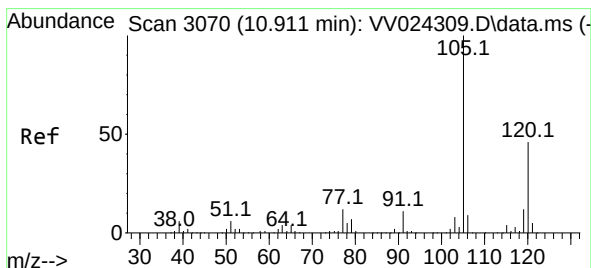
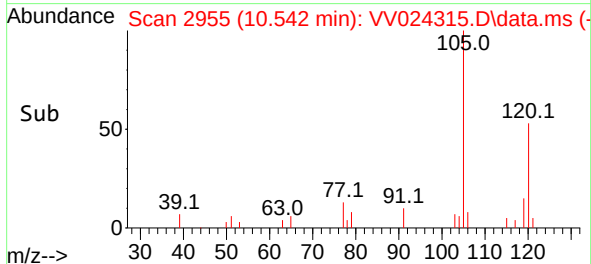
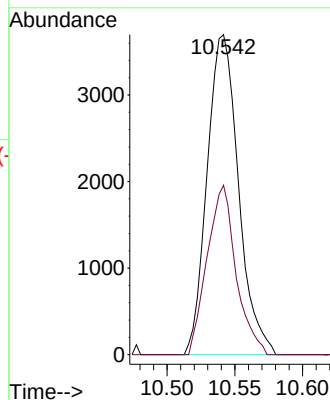
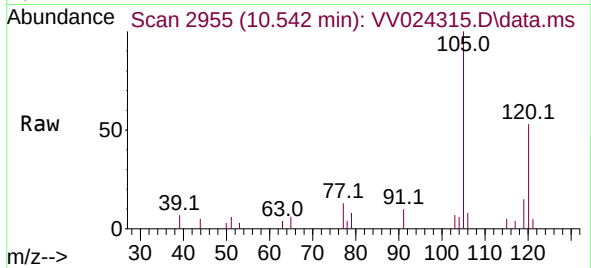
APPROVED

Reviewed By :John
Carlone

01/10/2022

Supervised By :Mahesh
Dadoda

01/10/2022



#63

1,2,4-Trimethylbenzene

Concen: 0.163 ug/L

RT: 10.918 min Scan# 3072

Delta R.T. 0.006 min

Lab File: VV024315.D

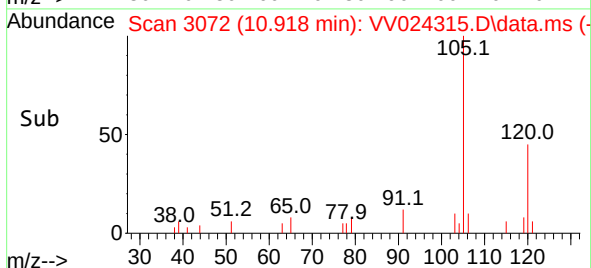
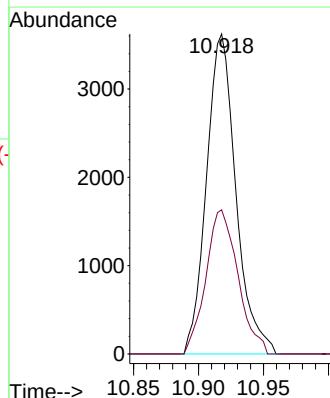
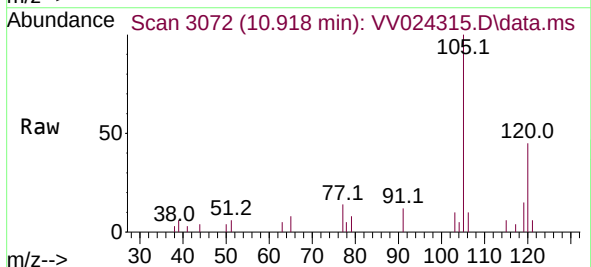
Acq: 08 Jan 2022 13:48

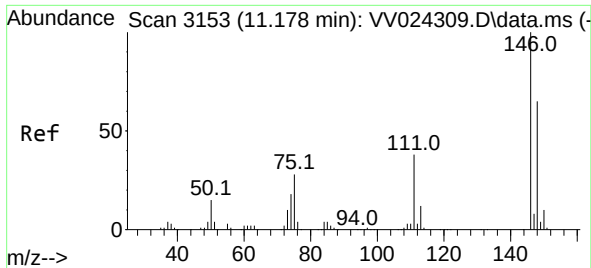
Tgt Ion:105 Resp: 5706

Ion Ratio Lower Upper

105 100

120 49.0 36.7 55.1





#64
1,3-Dichlorobenzene
Concen: 0.192 ug/L
RT: 11.185 min Scan# 3153
Delta R.T. 0.006 min
Lab File: VV024315.D
Acq: 08 Jan 2022 13:48

Instrument :
MSVOA_V
ClientSampleId :
MDL05

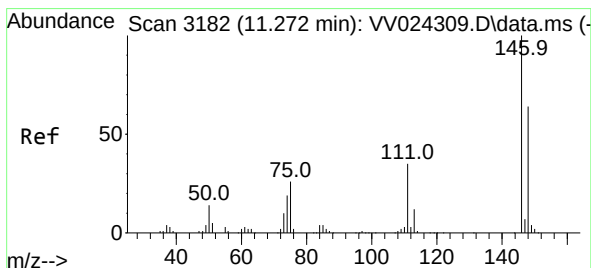
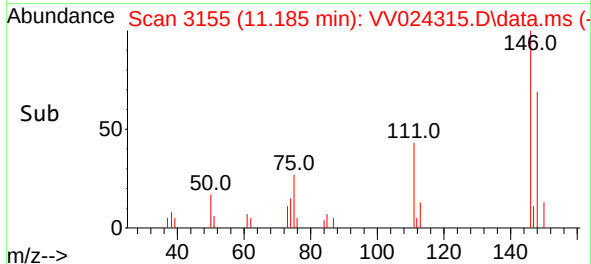
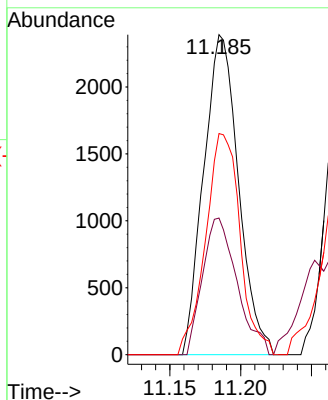
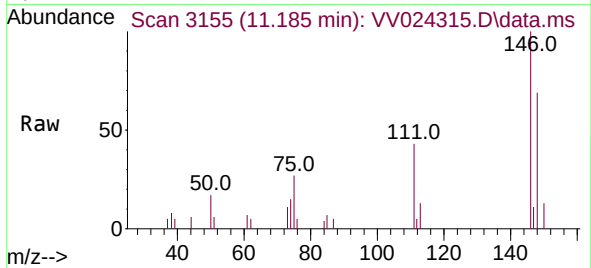
Tgt Ion:146 Resp: 408
Ion Ratio Lower Upper
146 100
111 42.7 26.3 48.9
148 69.1 44.4 82.5

Manual Integrations
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Reviewed By :John
Carlone

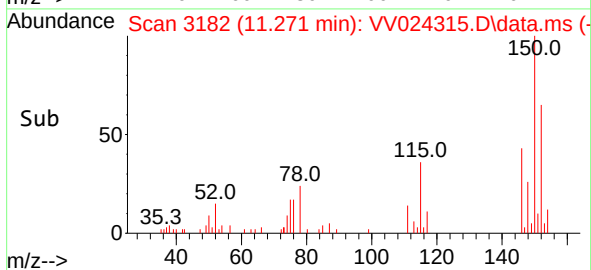
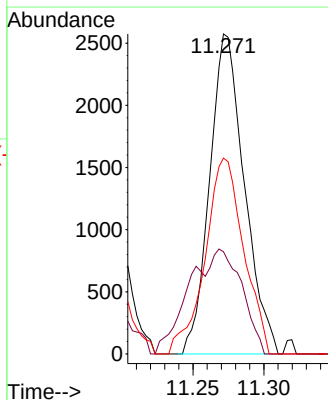
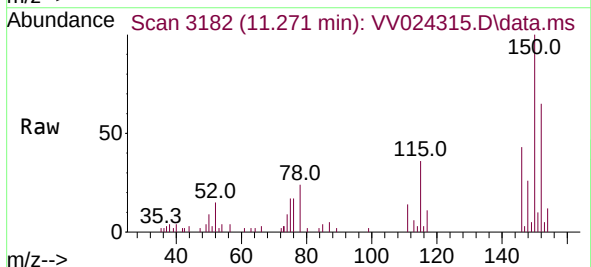
01/10/2022
Supervised By :Mahesh
Dadoda

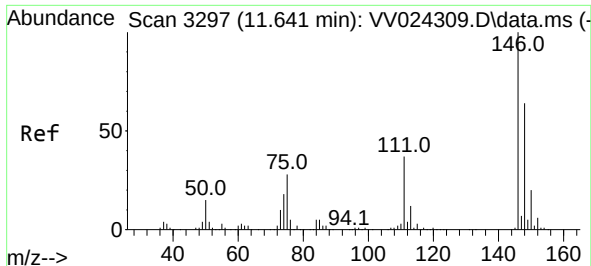
01/10/2022



#65
1,4-Dichlorobenzene
Concen: 0.207 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV024315.D
Acq: 08 Jan 2022 13:48

Tgt Ion:146 Resp: 4390
Ion Ratio Lower Upper
146 100
111 32.0 25.6 47.6
148 61.2 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 0.208 ug/L

RT: 11.644 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV024315.D

Acq: 08 Jan 2022 13:48

Instrument :

MSVOA_V

ClientSampleId :

MDL05

Tgt Ion:146	Resp:	398
Ion Ratio	Lower	Upper
146	100	
111	44.5	31.9 47.9
148	69.3	50.5 75.7

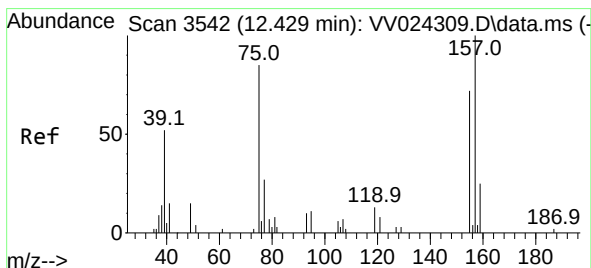
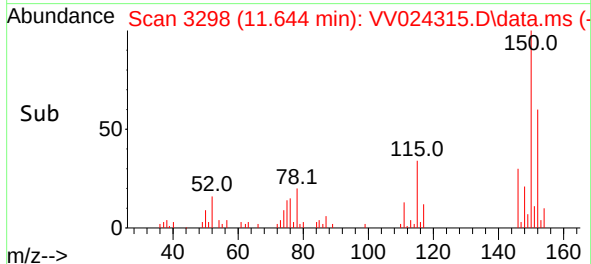
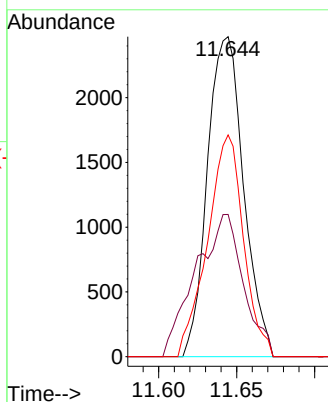
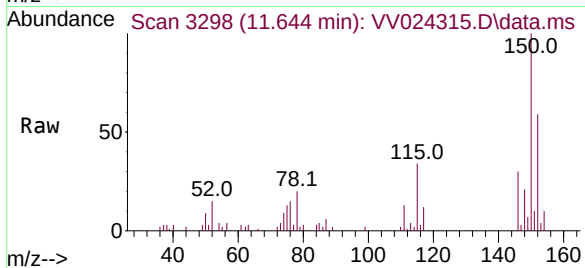
Manual Integrations
APPROVED

Reviewed By :John
Carlone

01/10/2022

Supervised By :Mahesh
Dadoda

01/10/2022



#68

1,2-Dibromo-3-chloropropane

Concen: 0.134 ug/L m

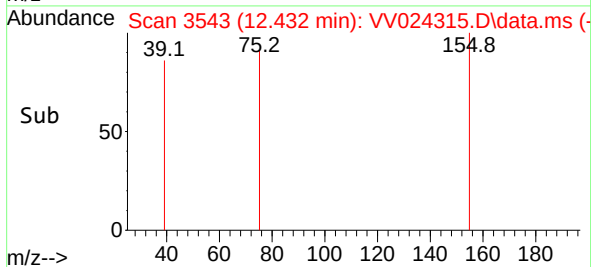
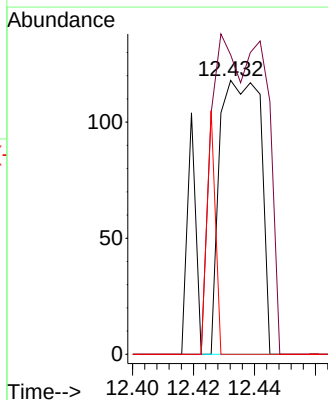
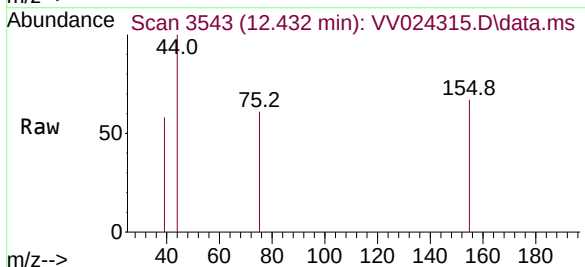
RT: 12.432 min Scan# 3543

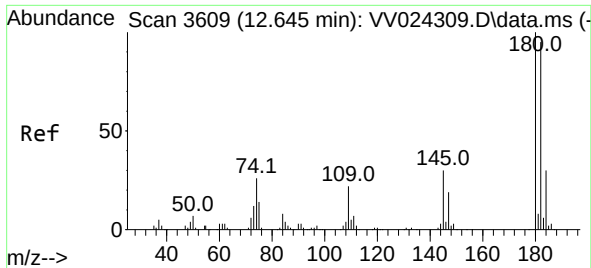
Delta R.T. 0.003 min

Lab File: VV024315.D

Acq: 08 Jan 2022 13:48

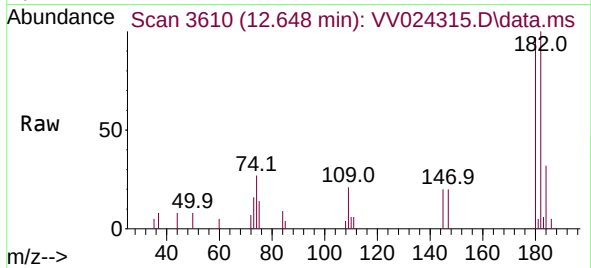
Tgt Ion: 75	Resp:	129
Ion Ratio	Lower	Upper
75	100	
155	109.3	71.7 107.5#
157	0.0	103.3 154.9#





#69
1,3,5-Trichlorobenzene
Concen: 0.219 ug/L
RT: 12.648 min Scan# 30
Delta R.T. 0.003 min
Lab File: VV024315.D
Acq: 08 Jan 2022 13:48

Instrument :
MSVOA_V
ClientSampleId :
MDL05



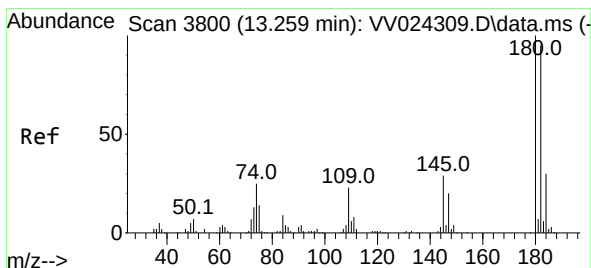
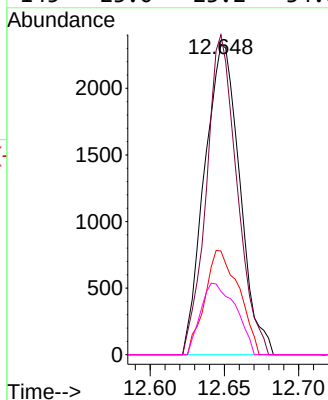
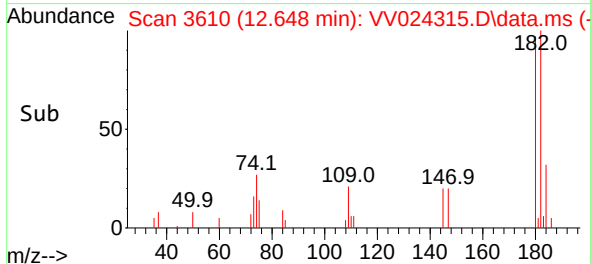
Tgt Ion:180	Resp:	384	
Ion	Ratio	Lower	Upper
180	100		
182	89.7	76.4	114.6
184	32.3	24.2	36.4
145	23.0	23.2	34.8

Manual Integrations
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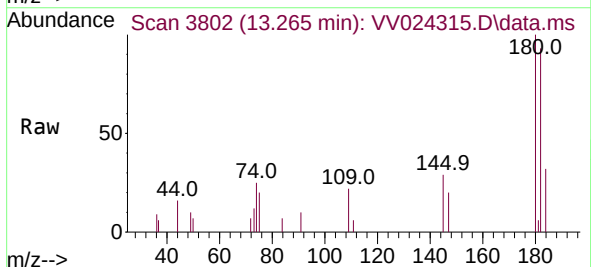
Reviewed By :John
Carlone

01/10/2022
Supervised By :Mahesh
Dadoda

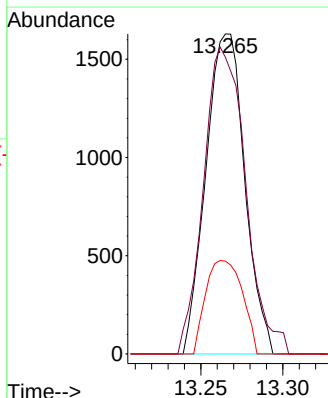
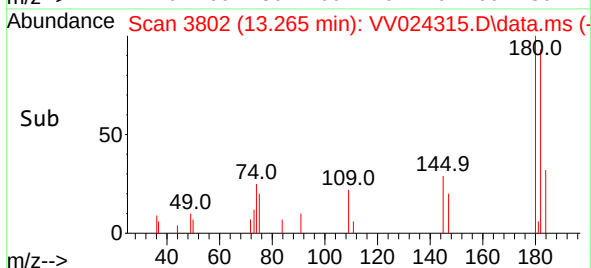
01/10/2022

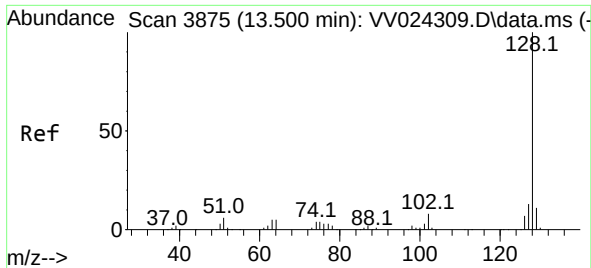


#70
1,2,4-trichlorobenzene
Concen: 0.194 ug/L
RT: 13.265 min Scan# 3802
Delta R.T. 0.006 min
Lab File: VV024315.D
Acq: 08 Jan 2022 13:48



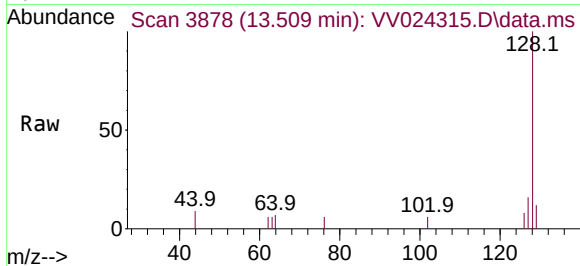
Tgt Ion:180	Resp:	2679	
Ion	Ratio	Lower	Upper
180	100		
182	103.7	74.4	111.6
145	27.5	23.3	34.9





#71
Naphthalene
Concen: 0.176 ug/L
RT: 13.509 min Scan# 3875
Delta R.T. 0.010 min
Lab File: VV024315.D
Acq: 08 Jan 2022 13:48

Instrument :
MSVOA_V
ClientSampleId :
MDL05



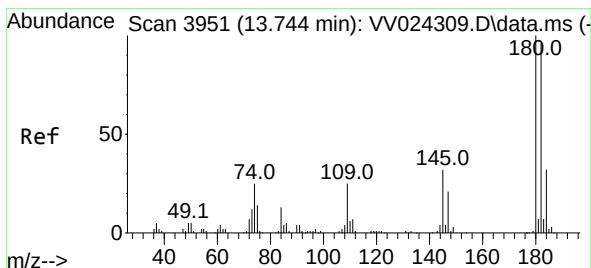
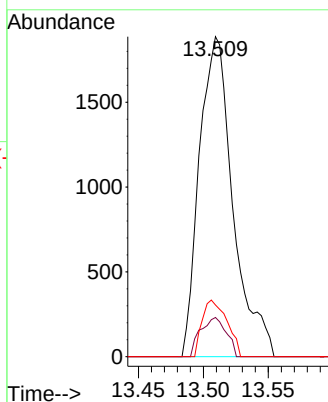
Tgt Ion:128 Resp: 339
Ion Ratio Lower Upper
128 100
129 9.4 9.0 13.4
127 13.0 10.2 15.4

Manual Integrations
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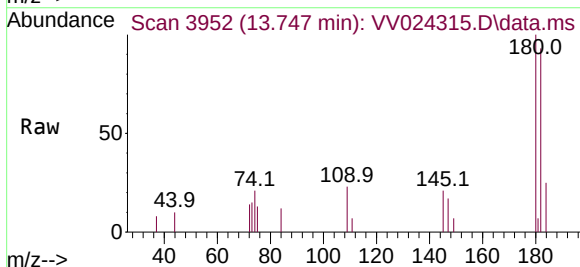
Reviewed By :John
Carlone

01/10/2022
Supervised By :Mahesh
Dadoda

01/10/2022



#72
1,2,3-Trichlorobenzene
Concen: 0.197 ug/L
RT: 13.747 min Scan# 3952
Delta R.T. 0.003 min
Lab File: VV024315.D
Acq: 08 Jan 2022 13:48



Tgt Ion:180 Resp: 2347
Ion Ratio Lower Upper
180 100
182 97.8 76.8 115.2
145 25.0 25.8 38.6#

