

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW010722\
 Data File : VW024306.D
 Acq On : 07 Jan 2022 16:03
 Operator : SY/MD
 Sample : MDL02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL02

Manual Integrations
 APPROVED

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

Quant Time: Jan 08 00:14:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR010422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jan 08 00:06:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	94586	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	96863	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	52372	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	30768	4.005	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.200%
7) Chloroethane-d5	1.568	69	27065	4.482	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.600%
11) 1,1-Dichloroethene-d2	2.108	63	50404	3.346	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.000%
20) 2-Butanone-d5	3.912	46	46233m	46.297	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.600%
24) Chloroform-d	4.349	84	66275	4.605	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
26) 1,2-Dichloroethane-d4	5.031	65	33641	4.941	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.800%
32) Benzene-d6	5.047	84	125695	4.633	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
36) 1,2-Dichloropropane-d6	6.069	67	34415	4.880	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.600%
41) Toluene-d8	7.313	98	113511	4.212	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.200%
43) trans-1,3-Dichloroprop...	7.622	79	13986	4.330	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.600%
46) 2-Hexanone-d5	8.092	63	46026	45.594	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.180%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	24250	4.725	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	46756	5.140	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.800%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	2227	0.187	ug/L	99
3) Chloromethane	1.243	50	1781	0.224	ug/L	95
5) Vinyl chloride	1.310	62	2048	0.234	ug/L #	58
6) Bromomethane	1.523	94	1348	0.233	ug/L	74
8) Chloroethane	1.587	64	1520	0.276	ug/L	93
9) Trichlorofluoromethane	1.754	101	3815	0.220	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	2448	0.280	ug/L #	84
12) 1,1-Dichloroethene	2.118	96	2103	0.281	ug/L #	1
13) Acetone	2.201	43	2102m	2.189	ug/L	
14) Carbon disulfide	2.298	76	3585	0.204	ug/L #	94
15) Methyl Acetate	2.452	43	523m	0.259	ug/L	
16) Methylene chloride	2.507	84	3514	0.307	ug/L	92
17) Methyl tert-butyl Ether	2.767	73	3851	0.215	ug/L #	95
18) trans-1,2-Dichloroethene	2.764	96	1603	0.202	ug/L	98
19) 1,1-Dichloroethane	3.191	63	2972	0.211	ug/L #	94
21) 2-Butanone	4.018	43	2821m	2.166	ug/L	
22) cis-1,2-Dichloroethene	3.921	96	1834	0.210	ug/L	77
23) Bromochloromethane	4.262	128	794	0.205	ug/L #	78
25) Chloroform	4.375	83	4745	0.281	ug/L	89

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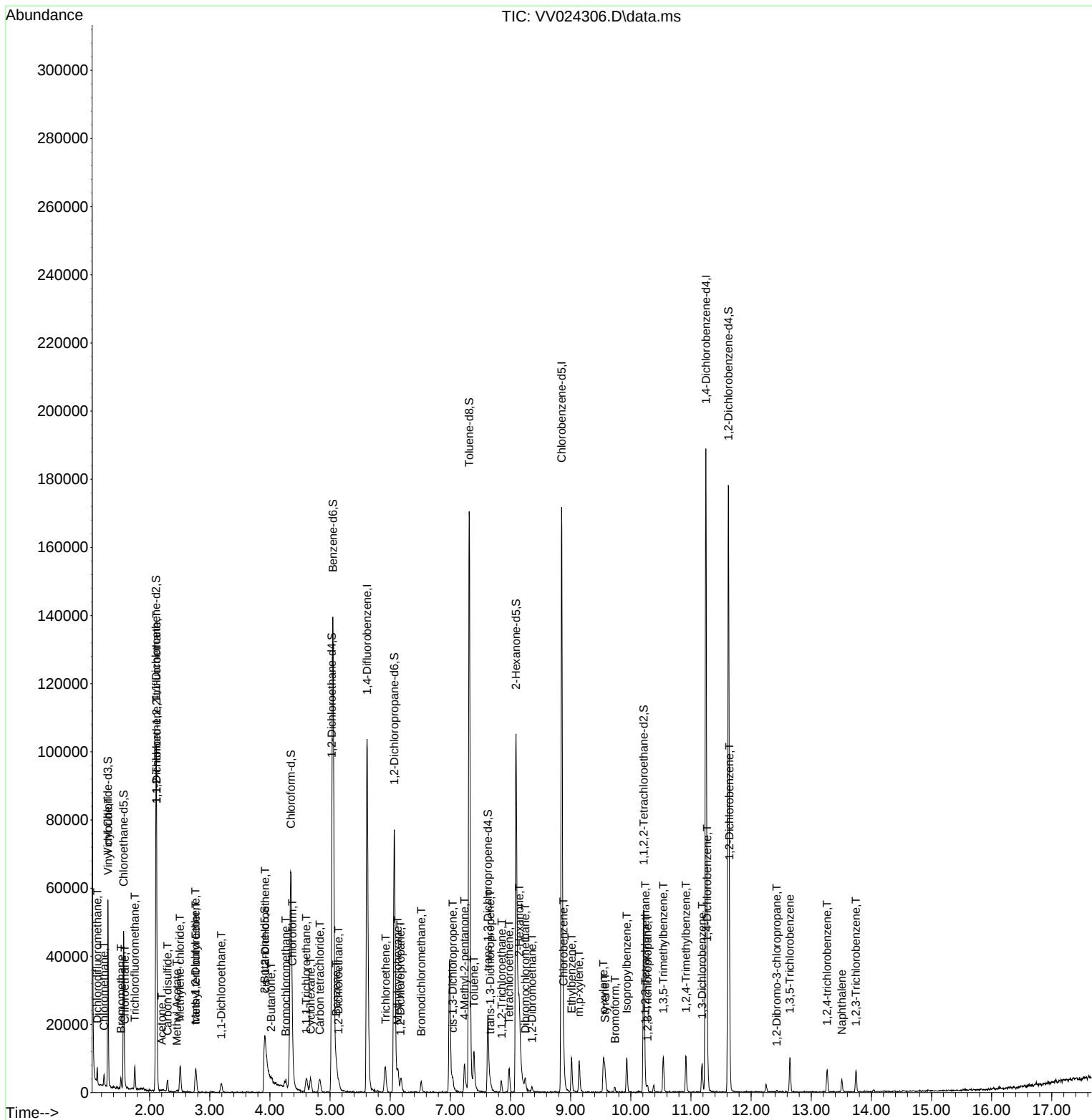
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jan 08 00:06:47 2022
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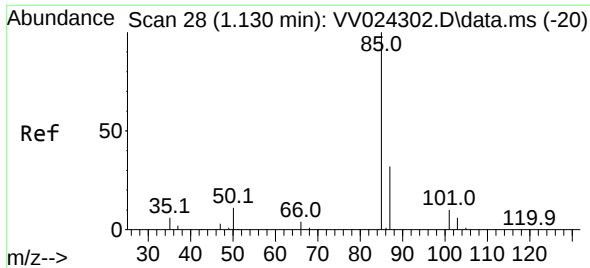
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.140	62	2036	0.218	ug/L #	73
29) 1,1,1-Trichloroethane	4.603	97	3546	0.214	ug/L	95
30) Cyclohexane	4.677	56	1947	0.186	ug/L	86
31) Carbon tetrachloride	4.828	117	3188	0.211	ug/L	88
33) Benzene	5.105	78	6340	0.199	ug/L	100
34) Trichloroethene	5.924	95	2034	0.228	ug/L	89
35) Methylcyclohexane	6.124	83	2669m	0.214	ug/L	
37) 1,2-Dichloropropane	6.172	63	1500	0.202	ug/L #	84
38) Bromodichloromethane	6.516	83	2408	0.206	ug/L #	83
39) cis-1,3-Dichloropropene	7.040	75	2375	0.210	ug/L	95
40) 4-Methyl-2-pentanone	7.236	43	6440	1.698	ug/L #	86
42) Toluene	7.394	91	8803	0.239	ug/L	94
44) trans-1,3-Dichloropropene	7.664	75	2111m	0.208	ug/L	
45) 1,1,2-Trichloroethane	7.854	97	1178	0.195	ug/L	90
47) Tetrachloroethene	7.979	164	1564	0.188	ug/L	90
48) 2-Hexanone	8.146	43	12661	4.526	ug/L	98
49) Dibromochloromethane	8.246	129	1735	0.209	ug/L	99
50) 1,2-Dibromoethane	8.358	107	1103	0.202	ug/L #	86
51) Chlorobenzene	8.883	112	5263	0.207	ug/L	93
52) Ethylbenzene	9.014	91	7221	0.179	ug/L	89
53) m,p-xylene	9.140	106	2943	0.182	ug/L	71
54) o-xylene	9.545	106	2900	0.184	ug/L	90
55) Styrene	9.571	104	4129	0.155	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	1455	0.238	ug/L #	87
59) Bromoform	9.741	173	838	0.192	ug/L #	70
60) Isopropylbenzene	9.934	105	7480	0.194	ug/L	98
61) 1,2,3-Trichloropropane	10.278	75	1017	0.240	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	5874	0.177	ug/L	90
63) 1,2,4-Trimethylbenzene	10.918	105	5892	0.175	ug/L	93
64) 1,3-Dichlorobenzene	11.188	146	4128	0.201	ug/L	96
65) 1,4-Dichlorobenzene	11.271	146	4310	0.211	ug/L	94
67) 1,2-Dichlorobenzene	11.641	146	3990	0.215	ug/L #	91
68) 1,2-Dibromo-3-chloropr...	12.426	75	124	0.134	ug/L #	47
69) 1,3,5-Trichlorobenzene	12.644	180	3614	0.213	ug/L	97
70) 1,2,4-trichlorobenzene	13.265	180	2728	0.205	ug/L	98
71) Naphthalene	13.509	128	3494	0.188	ug/L #	94
72) 1,2,3-Trichlorobenzene	13.744	180	2427	0.211	ug/L	93

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

Manual Integrations APPROVED

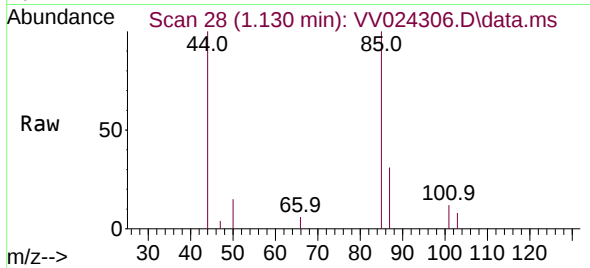
Quant Time: Jan 08 00:14:58 2022
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#2
 Dichlorodifluoromethane
 Concen: 0.187 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: VV024306.D
 Acq: 07 Jan 2022 16:03

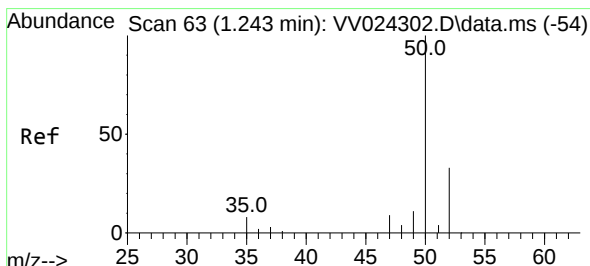
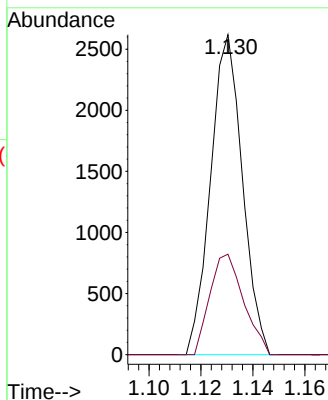
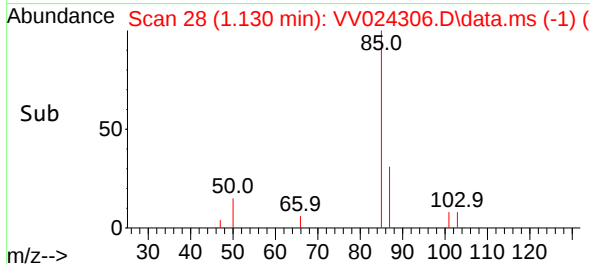
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL02



Tgt Ion: 85 Resp: 222
 Ion Ratio Lower Upper
 85 100
 87 33.3 26.0 39.0

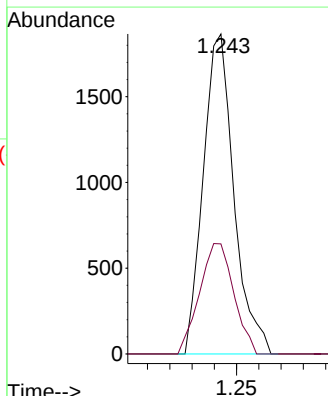
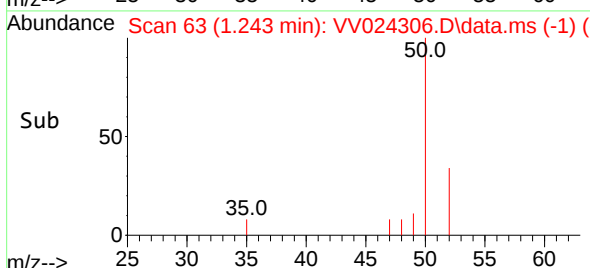
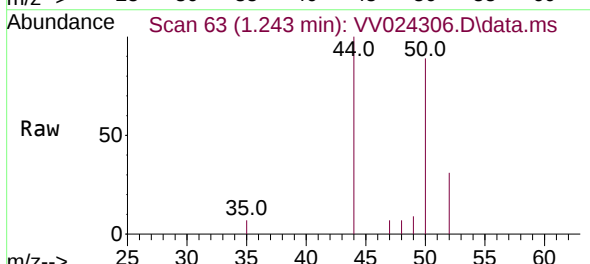
Manual Integrations
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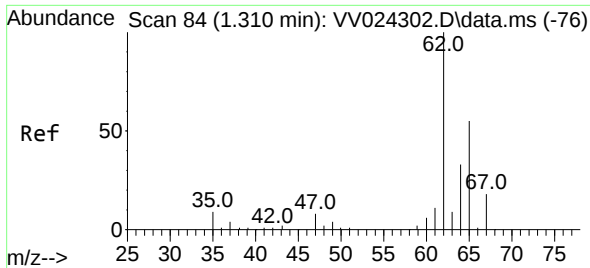
Reviewed By :John Carlone 01/10/2022
 Supervised By :Mahesh Dadoda 01/10/2022



#3
 Chloromethane
 Concen: 0.224 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.000 min
 Lab File: VV024306.D
 Acq: 07 Jan 2022 16:03

Tgt Ion: 50 Resp: 1781
 Ion Ratio Lower Upper
 50 100
 52 34.4 22.0 41.0





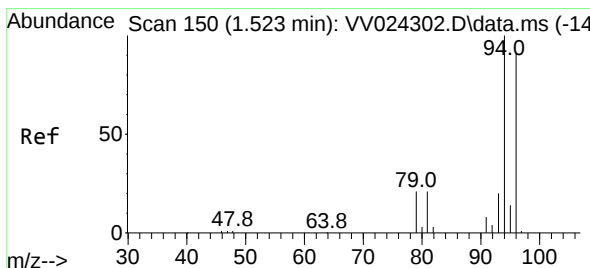
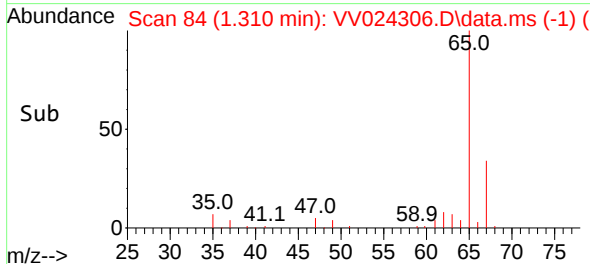
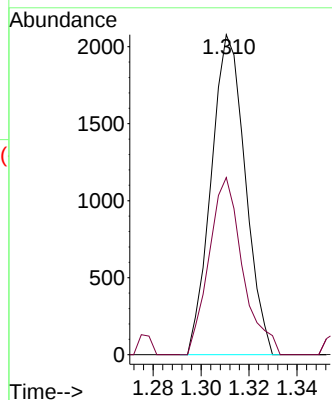
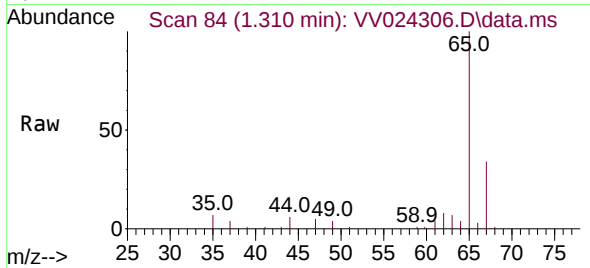
#5
 Vinyl chloride
 Concen: 0.234 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV024306.D
 Acq: 07 Jan 2022 16:03

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL02

Tgt Ion: 62 Resp: 2048
 Ion Ratio Lower Upper
 62 100
 64 55.3 22.4 41.6

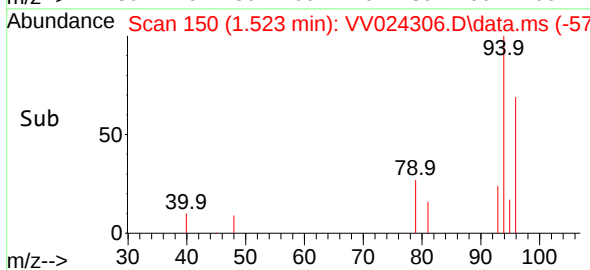
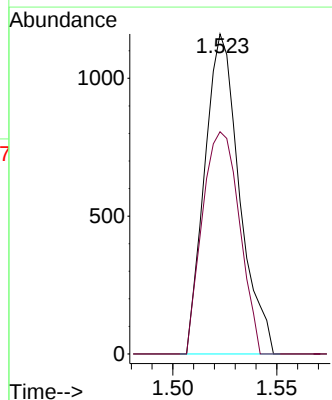
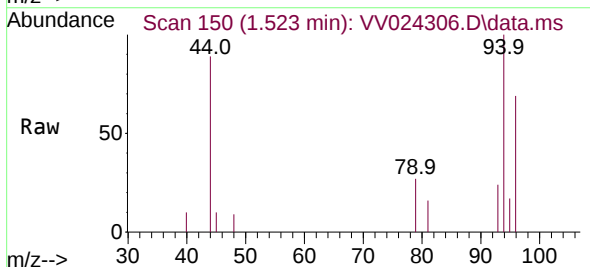
Manual Integrations
 APPROVED

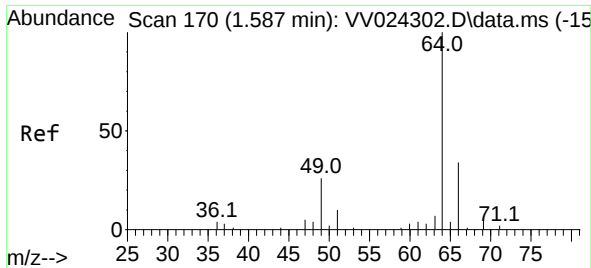
Reviewed By :John Carlone 01/10/2022
 Supervised By :Mahesh Dadoda 01/10/2022



#6
 Bromomethane
 Concen: 0.233 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.000 min
 Lab File: VV024306.D
 Acq: 07 Jan 2022 16:03

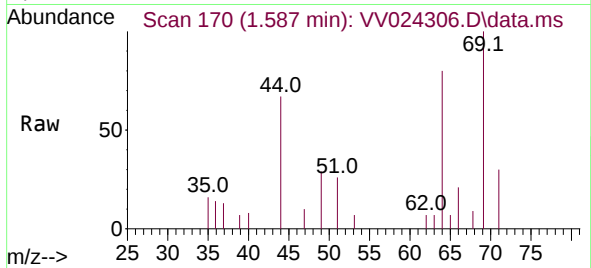
Tgt Ion: 94 Resp: 1348
 Ion Ratio Lower Upper
 94 100
 96 69.4 66.2 123.0





#8
Chloroethane
Concen: 0.276 ug/L
RT: 1.587 min Scan# 170
Delta R.T. 0.000 min
Lab File: VV024306.D
Acq: 07 Jan 2022 16:03

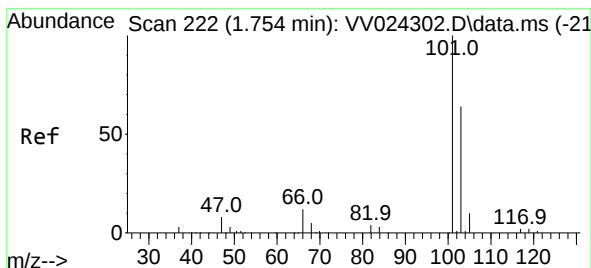
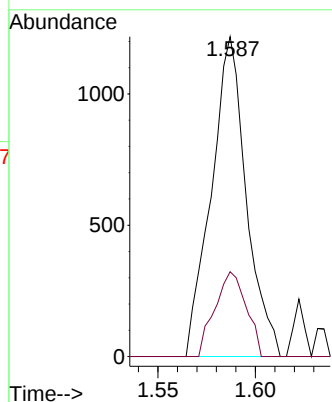
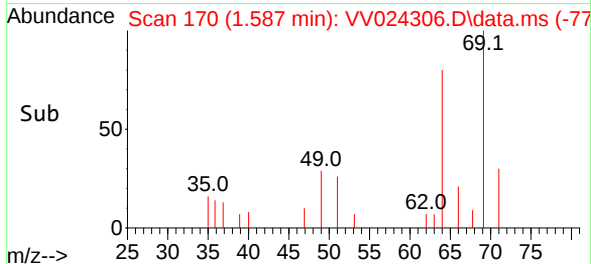
Instrument :
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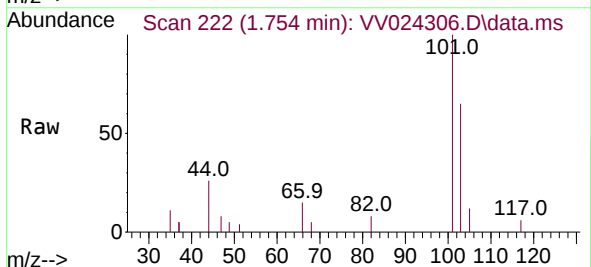
Tgt Ion: 64 Resp: 1520
Ion Ratio Lower Upper
64 100
66 26.5 21.4 39.8

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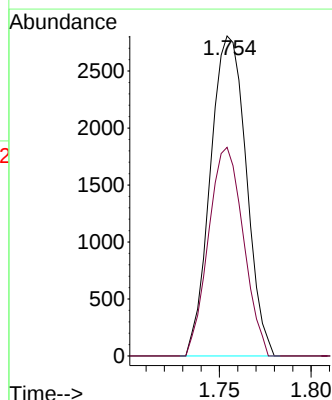
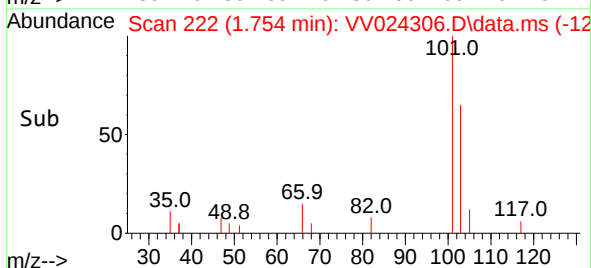
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/10/2022

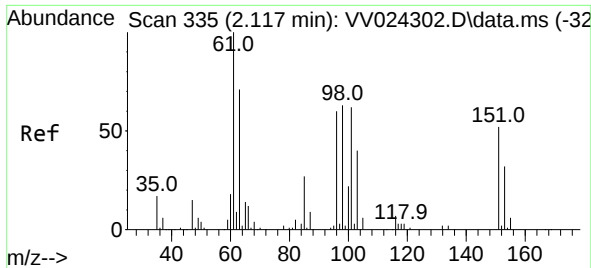


#9
Trichlorofluoromethane
Concen: 0.220 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV024306.D
Acq: 07 Jan 2022 16:03



Tgt Ion:101 Resp: 3815
Ion Ratio Lower Upper
101 100
103 63.3 51.6 77.4





#10

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

Concen: 0.280 ug/L

RT: 2.118 min Scan# 335

Delta R.T. 0.000 min

Lab File: VV024306.D

Acq: 07 Jan 2022 16:03

Instrument :

MSVOA_V

ClientSampleId :

MDL02

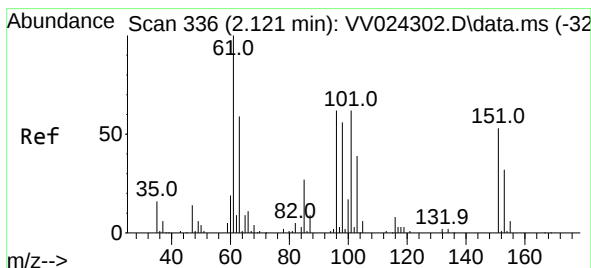
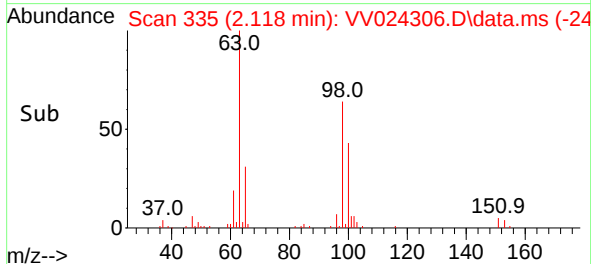
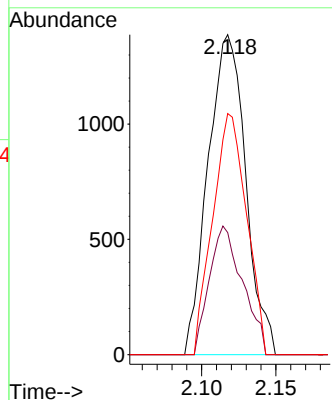
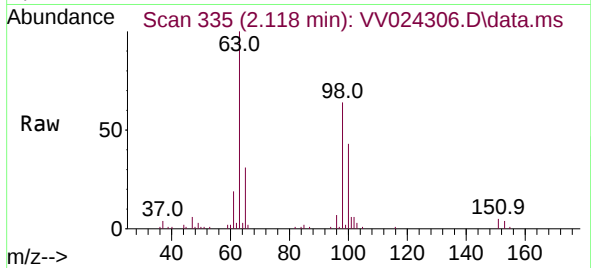
Tgt Ion:	101	Resp:	244
Ion Ratio	Lower	Upper	
101	100		
85	35.5	36.0	54.0
151	67.8	66.4	99.6

Manual Integrations

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Supervised By :Mahesh Dadoda 01/10/2022



#12

1,1-Dichloroethene

Concen: 0.281 ug/L

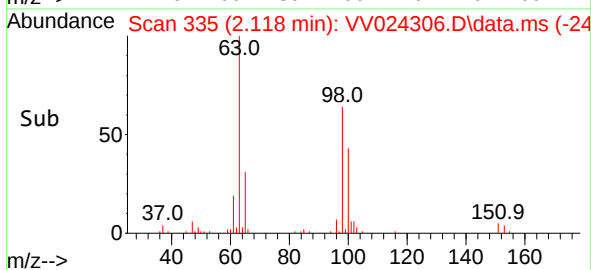
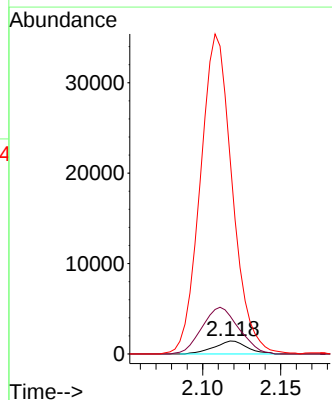
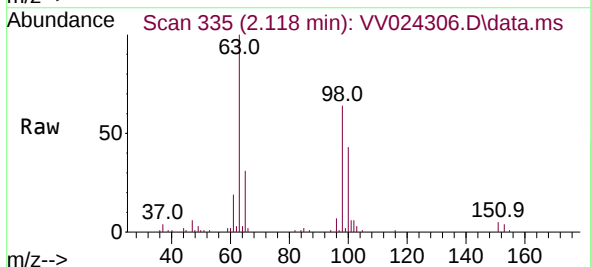
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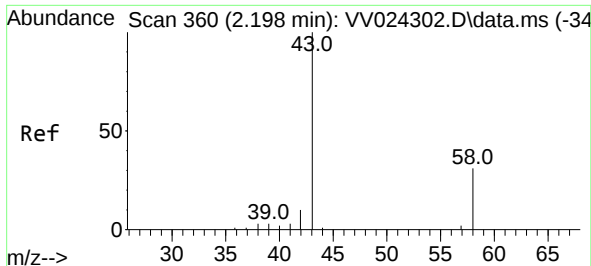
Delta R.T. -0.003 min

Lab File: VV024306.D

Acq: 07 Jan 2022 16:03

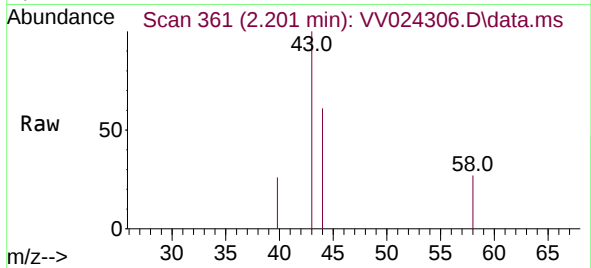
Tgt Ion:	96	Resp:	2103
Ion Ratio	Lower	Upper	
96	100		
61	294.2	116.1	215.5#
63	1514.2	79.4	147.4#





#13
Acetone
Concen: 2.189 ug/L m
RT: 2.201 min Scan# 301
Delta R.T. 0.003 min
Lab File: VV024306.D
Acq: 07 Jan 2022 16:03

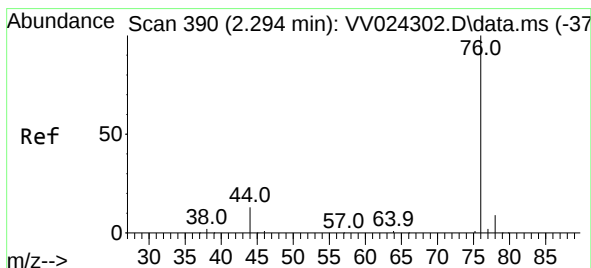
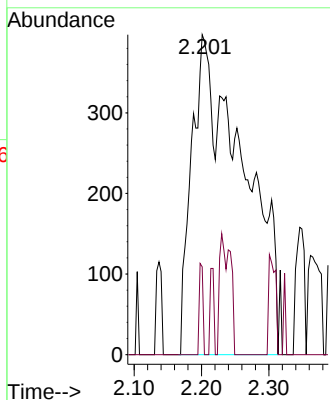
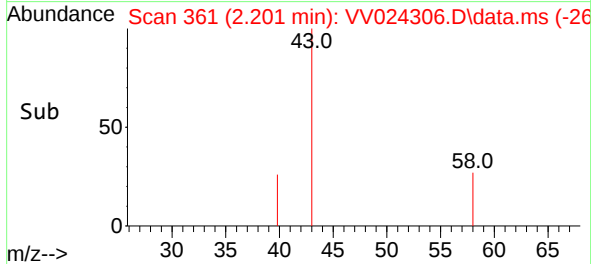
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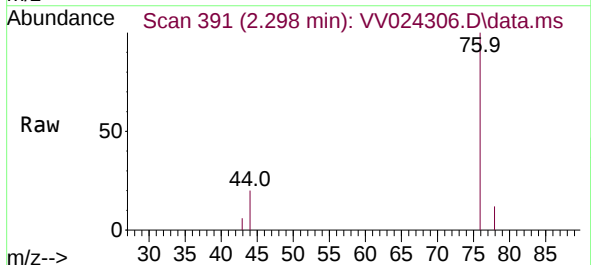
Tgt Ion: 43 Resp: 210
Ion Ratio Lower Upper
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58 2.0 0.0 41.4

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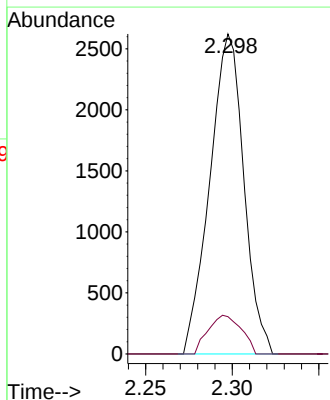
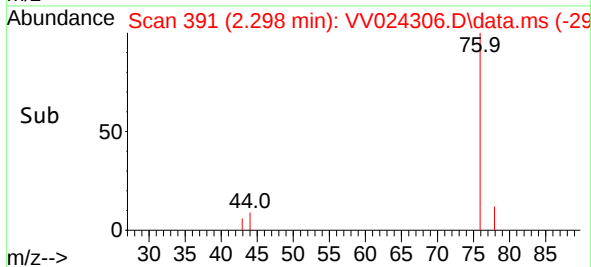
Reviewed By :John Carlone 01/10/2022
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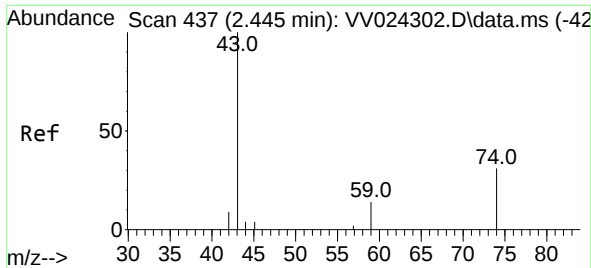


#14
Carbon disulfide
Concen: 0.204 ug/L
RT: 2.298 min Scan# 391
Delta R.T. 0.003 min
Lab File: VV024306.D
Acq: 07 Jan 2022 16:03



Tgt Ion: 76 Resp: 3585
Ion Ratio Lower Upper
76 100
78 11.6 7.5 11.3#





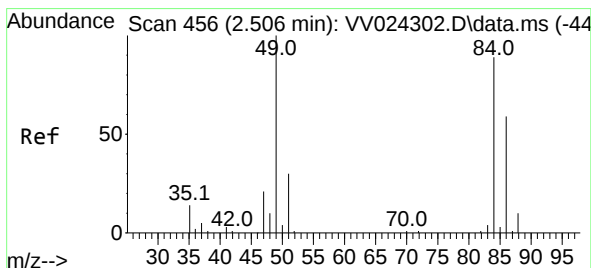
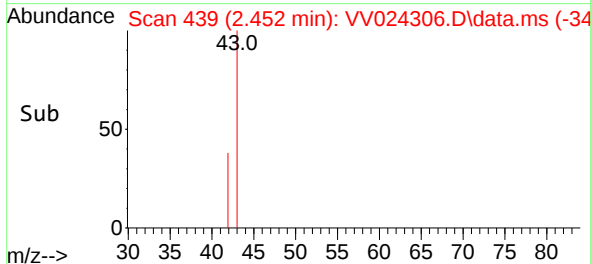
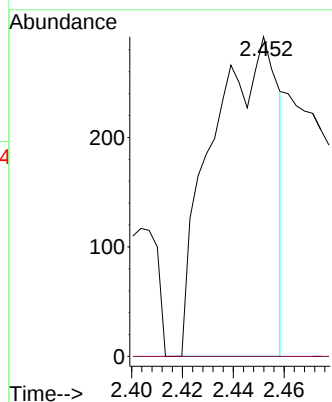
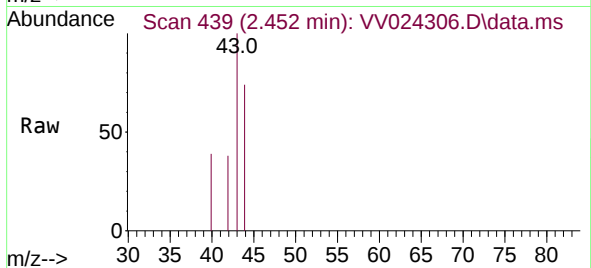
#15
Methyl Acetate
Concen: 0.259 ug/L m
RT: 2.452 min Scan# 439
Delta R.T. 0.007 min
Lab File: VV024306.D
Acq: 07 Jan 2022 16:03

Instrument :
MSVOA_V
ClientSampleId :
MDL02

Tgt Ion: 43 Resp: 523
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2

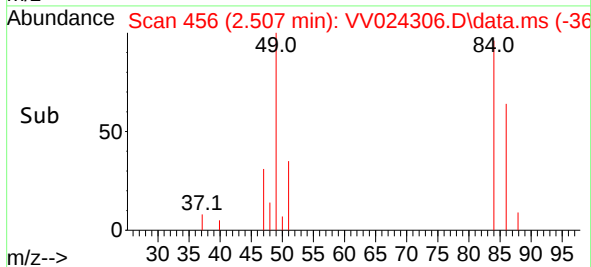
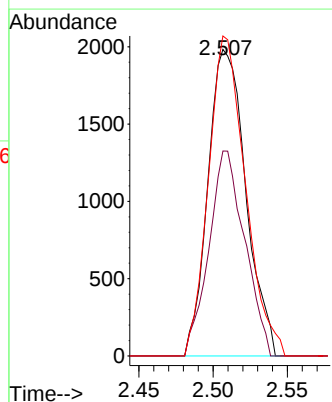
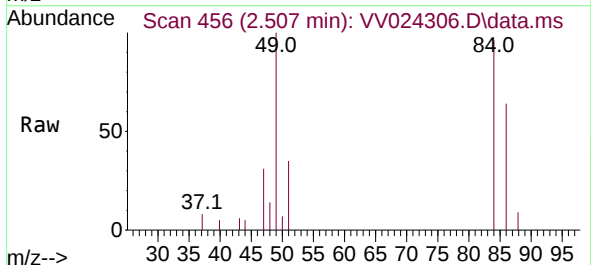
Manual Integrations
APPROVED

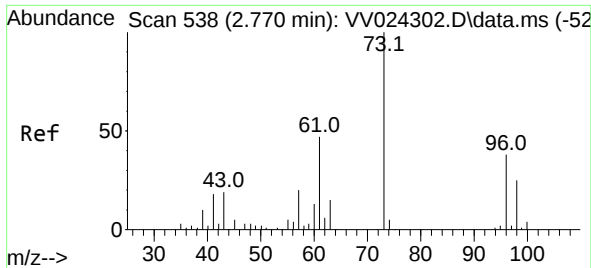
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/10/2022



#16
Methylene chloride
Concen: 0.307 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.000 min
Lab File: VV024306.D
Acq: 07 Jan 2022 16:03

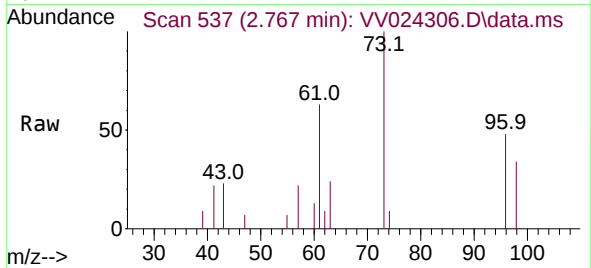
Tgt Ion: 84 Resp: 3514
Ion Ratio Lower Upper
84 100
86 66.9 42.6 79.0
49 104.4 79.7 147.9





#17
Methyl tert-butyl Ether
Concen: 0.215 ug/L
RT: 2.767 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV024306.D
Acq: 07 Jan 2022 16:03

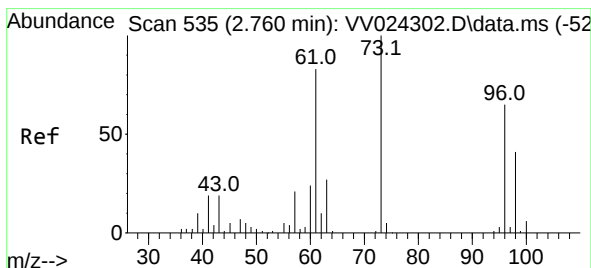
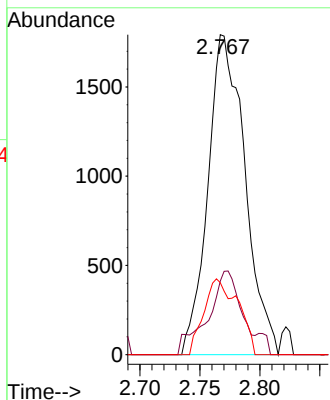
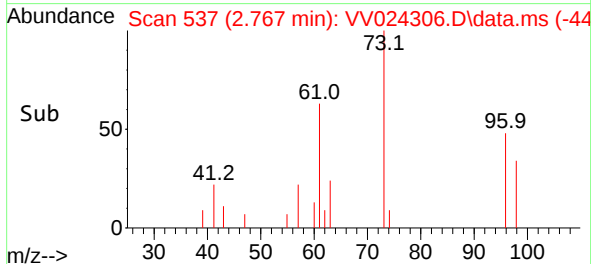
Instrument :
MSVOA_V
ClientSampleId :
MDL02



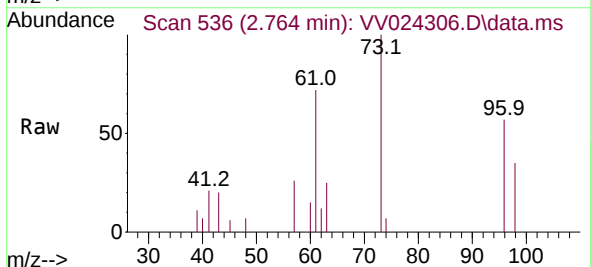
Tgt Ion: 73 Resp: 385
Ion Ratio Lower Upper
73 100
43 23.5 15.5 23.3
57 21.9 17.1 25.7

Manual Integrations
APPROVED

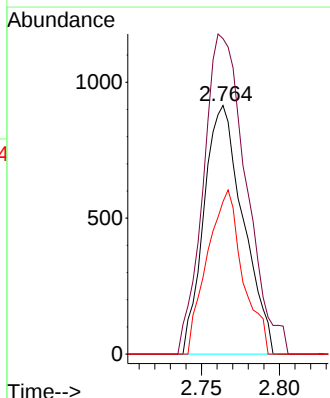
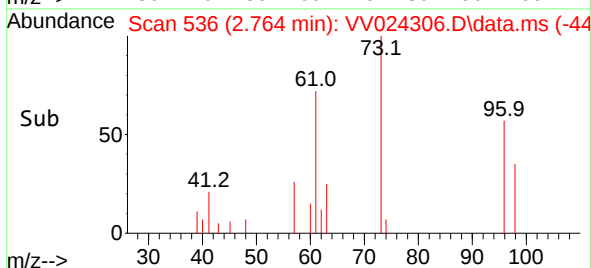
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/10/2022

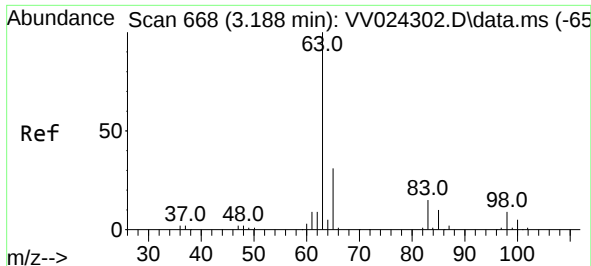


#18
trans-1,2-Dichloroethene
Concen: 0.202 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV024306.D
Acq: 07 Jan 2022 16:03



Tgt Ion: 96 Resp: 1603
Ion Ratio Lower Upper
96 100
61 126.9 88.2 163.8
98 61.3 44.9 83.5





#19

1,1-Dichloroethane

Concen: 0.211 ug/L

RT: 3.191 min Scan# 60

Delta R.T. 0.003 min

Lab File: VV024306.D

Acq: 07 Jan 2022 16:03

Instrument :

MSVOA_V

ClientSampleId :

MDL02

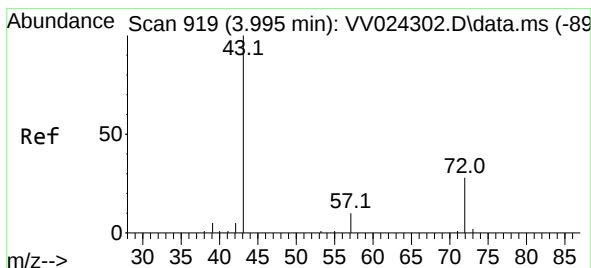
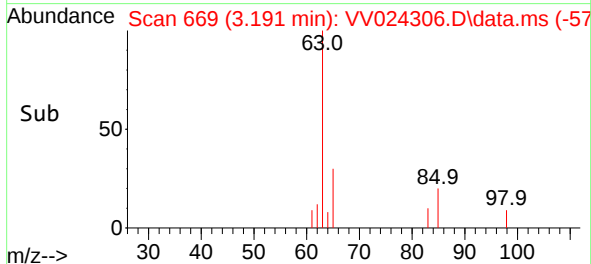
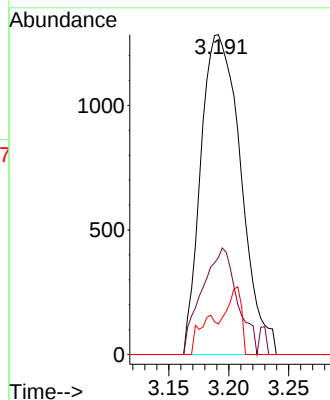
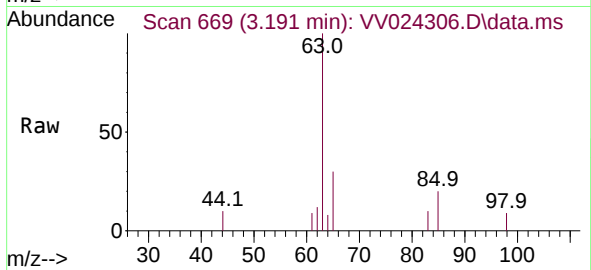
Tgt Ion: 63	Resp: 2972
Ion Ratio	Lower Upper
63 100	
65 30.4	22.3 41.3
83 9.6	10.7 19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/10/2022

Supervised By :Mahesh Dadoda 01/10/2022



#21

2-Butanone

Concen: 2.166 ug/L m

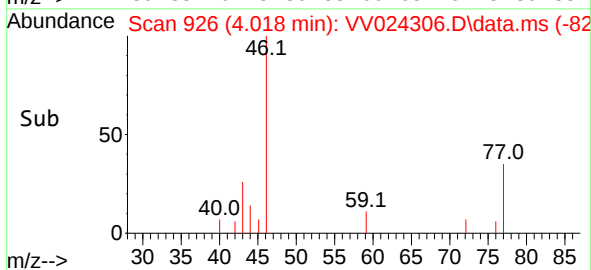
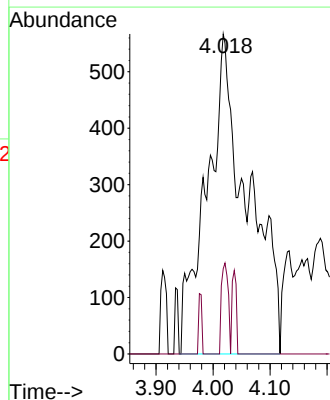
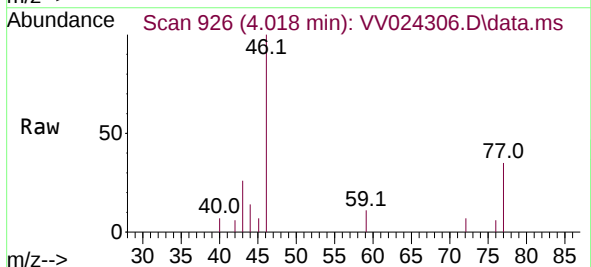
RT: 4.018 min Scan# 926

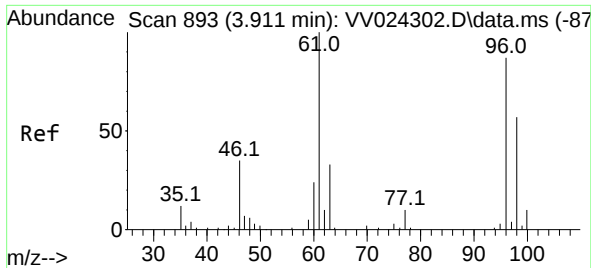
Delta R.T. 0.023 min

Lab File: VV024306.D

Acq: 07 Jan 2022 16:03

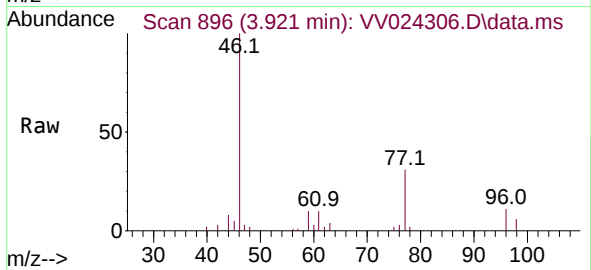
Tgt Ion: 43	Resp: 2821
Ion Ratio	Lower Upper
43 100	
72 1.5	11.1 33.1#





#22
 cis-1,2-Dichloroethene
 Concen: 0.210 ug/L
 RT: 3.921 min Scan# 896
 Delta R.T. 0.010 min
 Lab File: VV024306.D
 Acq: 07 Jan 2022 16:03

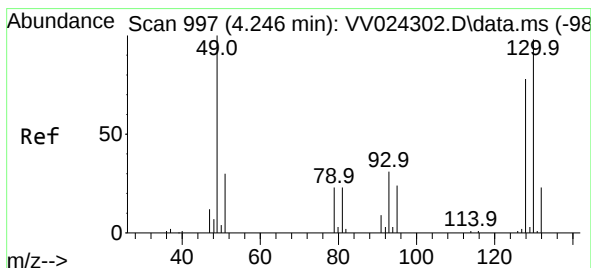
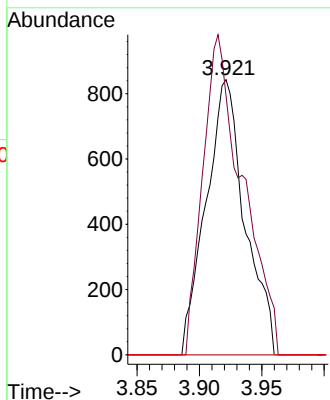
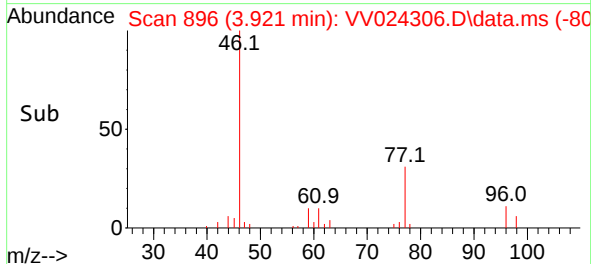
Instrument : MSVOA_V
 ClientSampleId : MDL02



Tgt Ion: 96 Resp: 1834
 Ion Ratio Lower Upper
 96 100
 61 94.2 83.4 154.8
 68 0.0 0.0 0.0

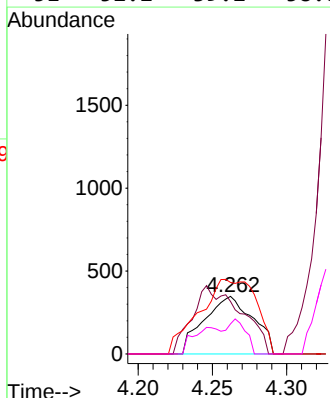
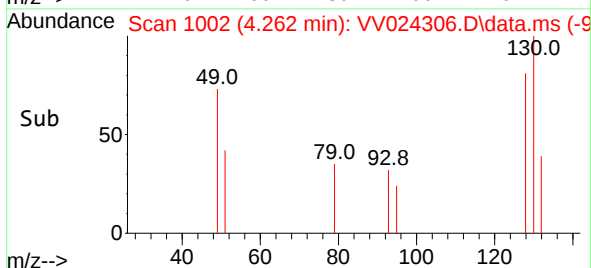
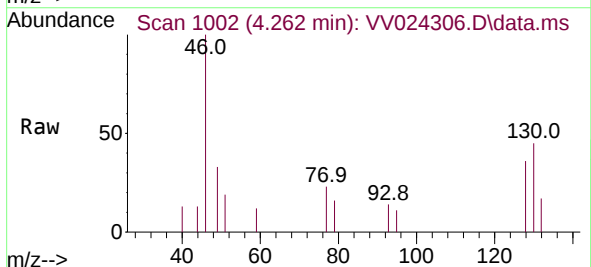
Manual Integrations
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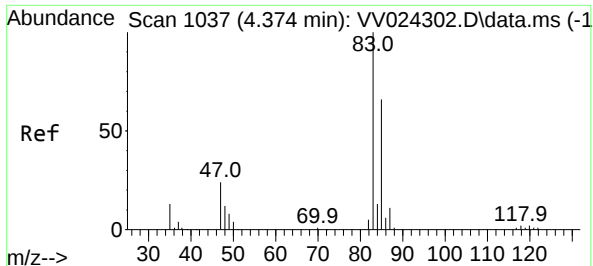
Reviewed By :John Carlone 01/10/2022
 Supervised By :Mahesh Dadoda 01/10/2022



#23
 Bromochloromethane
 Concen: 0.205 ug/L
 RT: 4.262 min Scan# 1002
 Delta R.T. 0.016 min
 Lab File: VV024306.D
 Acq: 07 Jan 2022 16:03

Tgt Ion:128 Resp: 794
 Ion Ratio Lower Upper
 128 100
 49 91.1 100.2 186.2#
 130 124.2 92.5 171.7
 51 52.2 39.2 58.8





#25

Chloroform

Concen: 0.281 ug/L

RT: 4.375 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VV024306.D

Acq: 07 Jan 2022 16:03

Instrument :

MSVOA_V

ClientSampleId :

MDL02

Tgt Ion: 83 Resp: 474

Ion Ratio Lower Upper

83 100

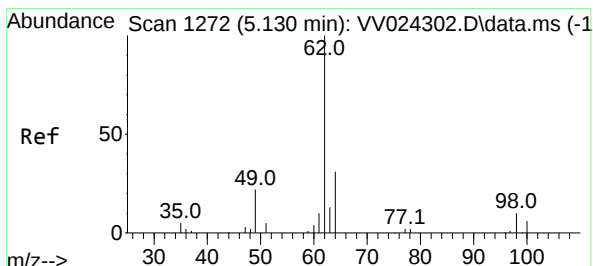
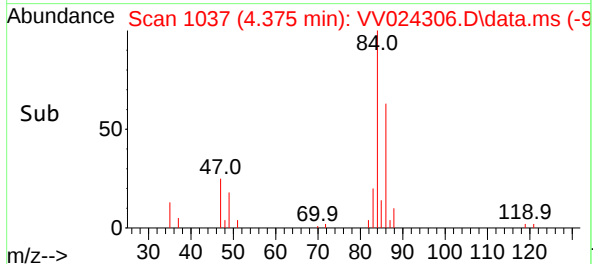
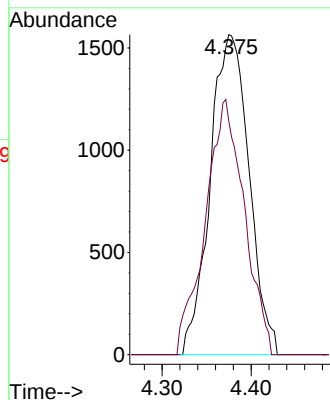
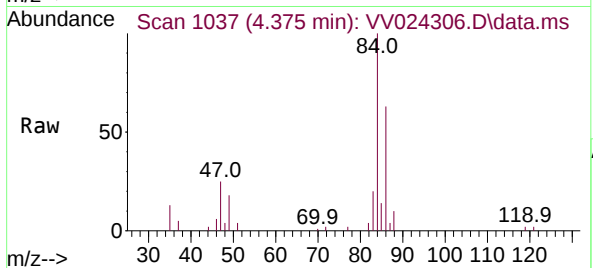
85 73.2 45.2 84.0

Manual Integrations

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Reviewed By :John Carlone 01/10/2022

Supervised By :Mahesh Dadoda 01/10/2022



#27

1,2-Dichloroethane

Concen: 0.218 ug/L

RT: 5.140 min Scan# 1275

Delta R.T. 0.010 min

Lab File: VV024306.D

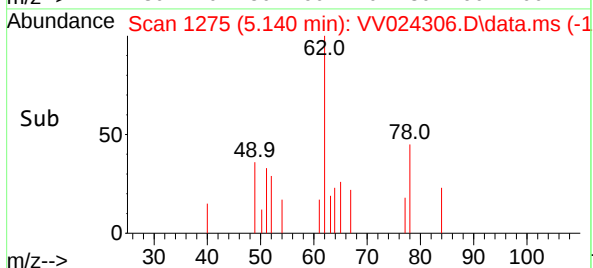
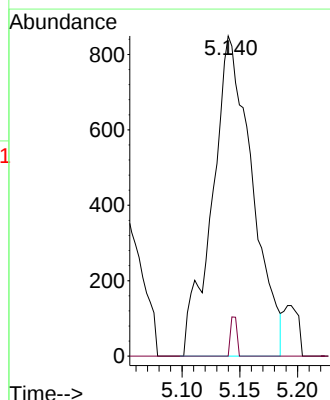
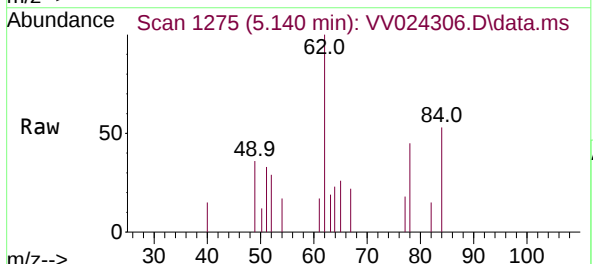
Acq: 07 Jan 2022 16:03

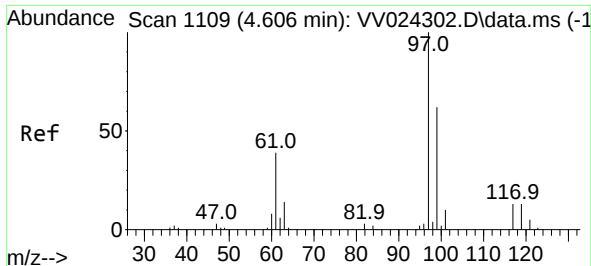
Tgt Ion: 62 Resp: 2036

Ion Ratio Lower Upper

62 100

98 0.0 8.1 12.1





#29

1,1,1-Trichloroethane

Concen: 0.214 ug/L

RT: 4.603 min Scan# 1109

Delta R.T. -0.003 min

Lab File: VV024306.D

Acq: 07 Jan 2022 16:03

Instrument :

MSVOA_V

ClientSampleId :

MDL02

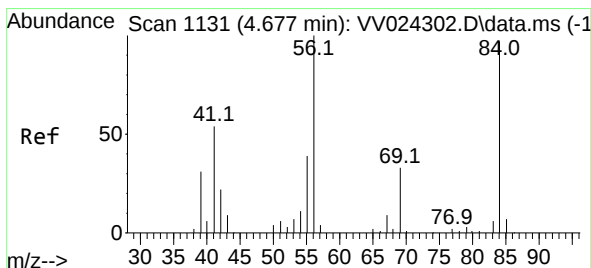
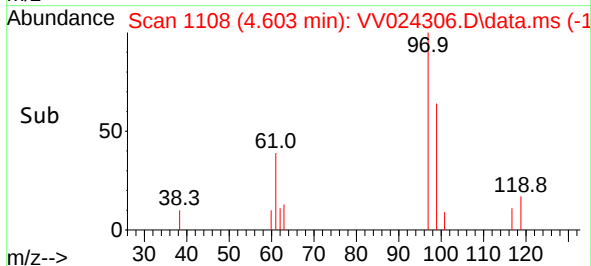
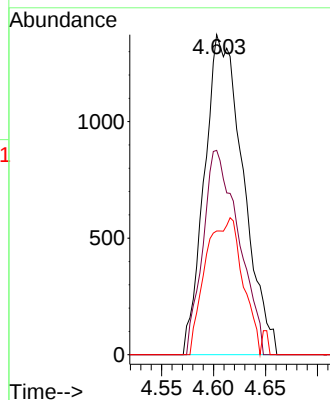
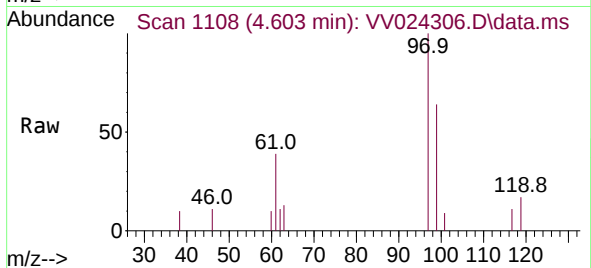
Tgt Ion: 97	Resp: 3540
Ion Ratio	Lower Upper
97 100	
99 59.2	51.9 77.9
61 41.0	33.2 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/10/2022

Supervised By :Mahesh Dadoda 01/10/2022



#30

Cyclohexane

Concen: 0.186 ug/L

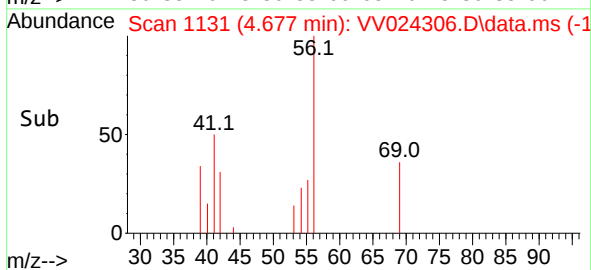
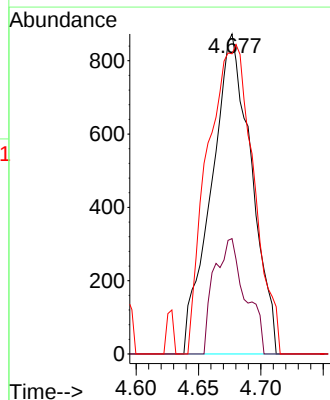
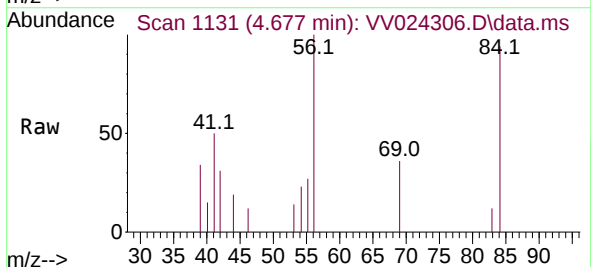
RT: 4.677 min Scan# 1131

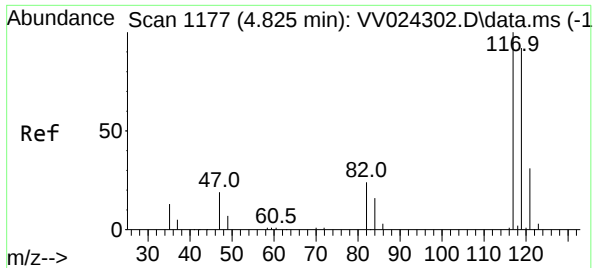
Delta R.T. 0.000 min

Lab File: VV024306.D

Acq: 07 Jan 2022 16:03

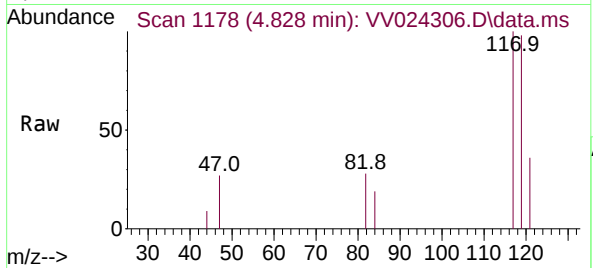
Tgt Ion: 56	Resp: 1947
Ion Ratio	Lower Upper
56 100	
69 28.2	24.8 37.2
84 111.2	75.9 113.9





#31
Carbon tetrachloride
Concen: 0.211 ug/L
RT: 4.828 min Scan# 1177
Delta R.T. 0.003 min
Lab File: VV024306.D
Acq: 07 Jan 2022 16:03

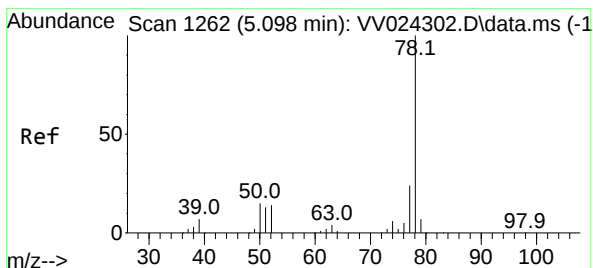
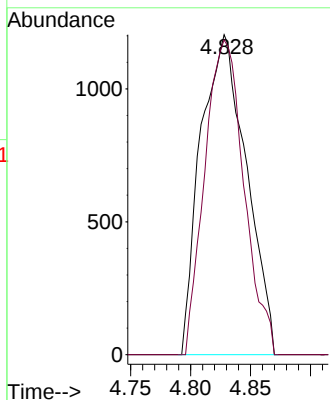
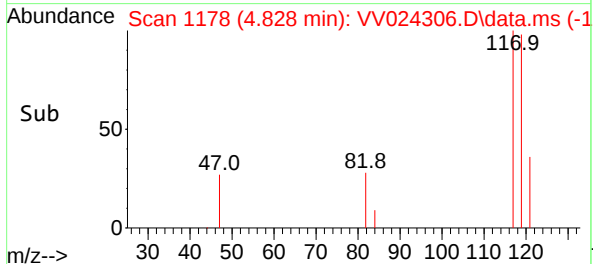
Instrument :
MSVOA_V
ClientSampleId :
MDL02



Tgt Ion:117 Resp: 3188
Ion Ratio Lower Upper
117 100
119 84.3 76.6 114.8

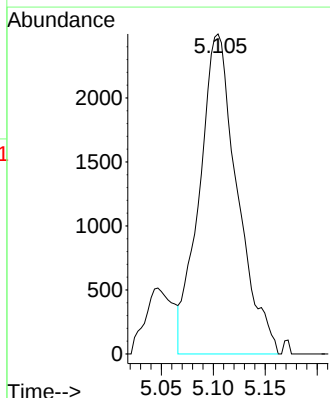
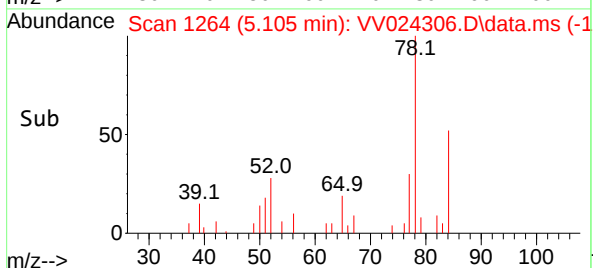
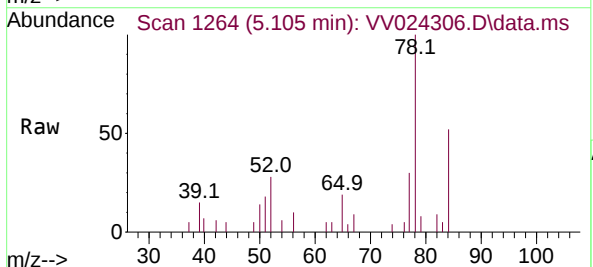
Manual Integrations
APPROVED

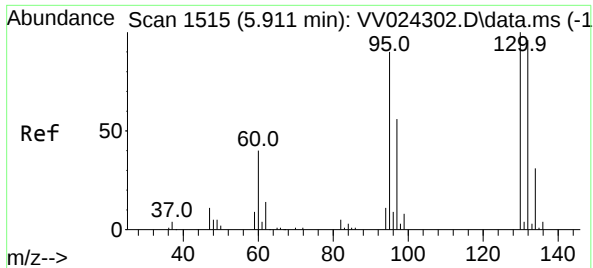
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/10/2022



#33
Benzene
Concen: 0.199 ug/L
RT: 5.105 min Scan# 1264
Delta R.T. 0.007 min
Lab File: VV024306.D
Acq: 07 Jan 2022 16:03

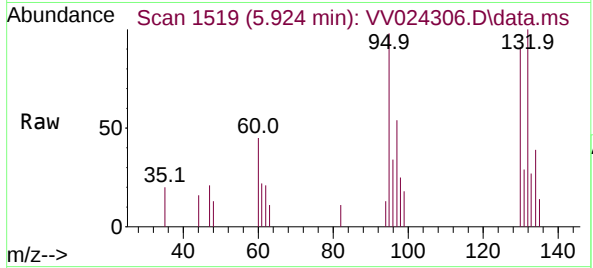
Tgt Ion: 78 Resp: 6340





#34
Trichloroethene
Concen: 0.228 ug/L
RT: 5.924 min Scan# 1519
Delta R.T. 0.013 min
Lab File: VV024306.D
Acq: 07 Jan 2022 16:03

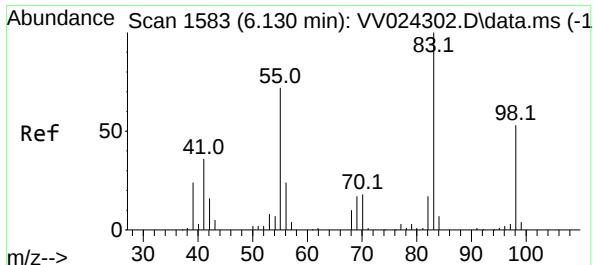
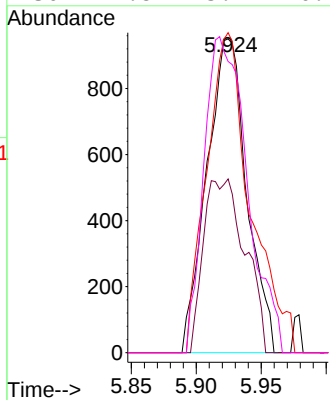
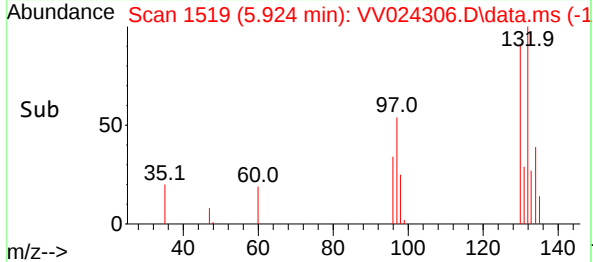
Instrument :
MSVOA_V
ClientSampleId :
MDL02



Tgt Ion: 95 Resp: 2034
Ion Ratio Lower Upper
95 100
97 55.4 45.2 84.0
132 102.0 76.1 141.3
130 92.8 75.4 140.0

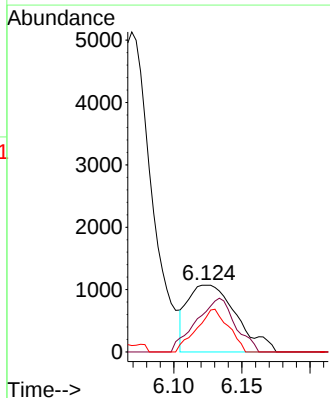
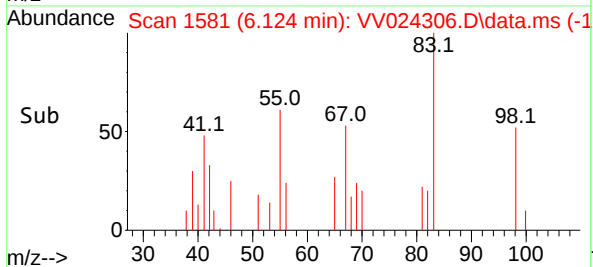
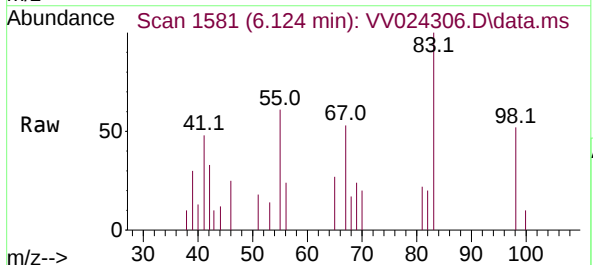
Manual Integrations
APPROVED

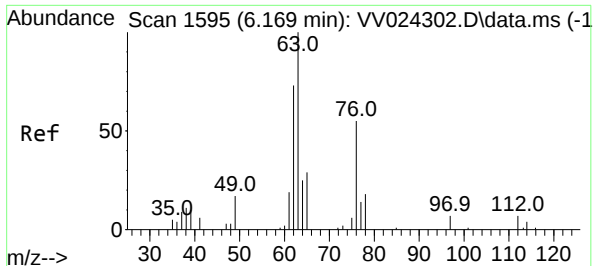
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/10/2022



#35
Methylcyclohexane
Concen: 0.214 ug/L m
RT: 6.124 min Scan# 1581
Delta R.T. -0.006 min
Lab File: VV024306.D
Acq: 07 Jan 2022 16:03

Tgt Ion: 83 Resp: 2669
Ion Ratio Lower Upper
83 100
55 63.9 60.2 90.2
98 41.7 41.0 61.4





#37

1,2-Dichloropropane

Concen: 0.202 ug/L

RT: 6.172 min Scan# 1595

Delta R.T. 0.003 min

Lab File: VV024306.D

Acq: 07 Jan 2022 16:03

Instrument :

MSVOA_V

ClientSampleId :

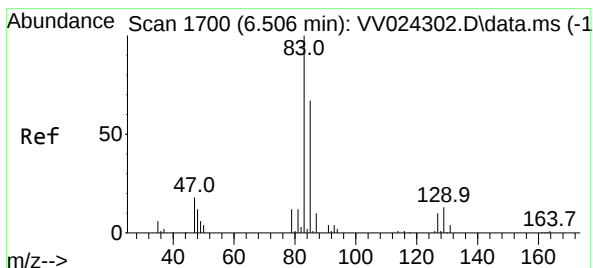
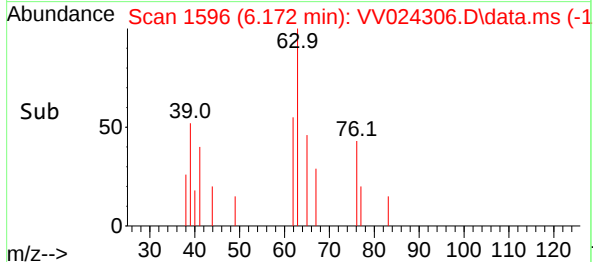
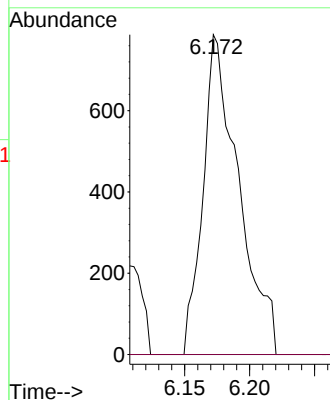
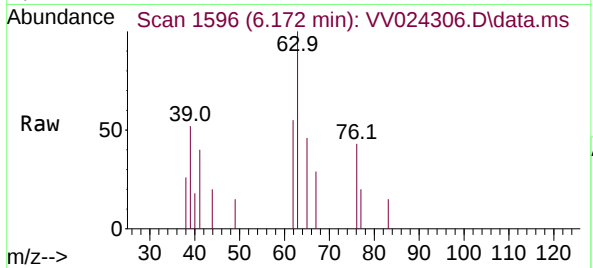
MDL02

Tgt Ion: 63 Resp: 1500
 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: 0.206 ug/L

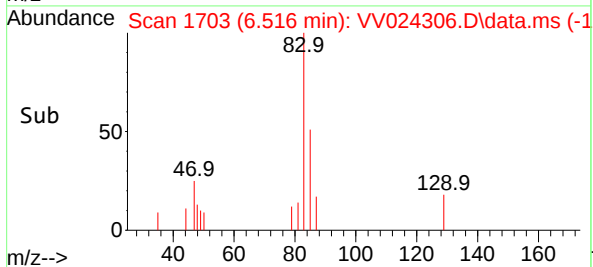
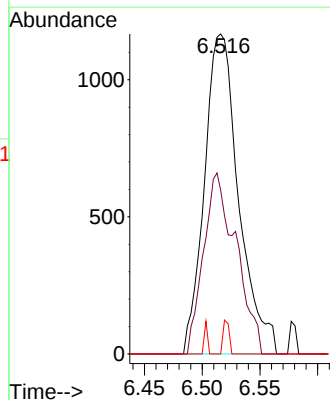
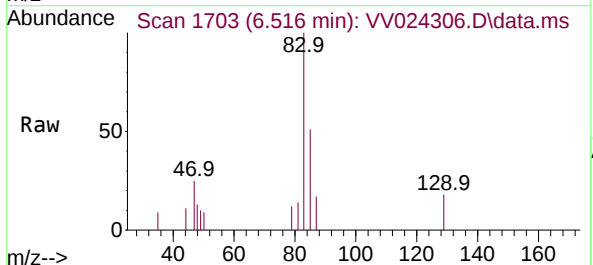
RT: 6.516 min Scan# 1703

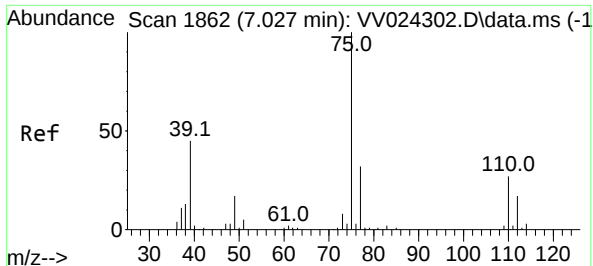
Delta R.T. 0.010 min

Lab File: VV024306.D

Acq: 07 Jan 2022 16:03

Tgt Ion: 83 Resp: 2408
 Ion Ratio Lower Upper
 83 100
 85 51.2 44.0 81.8
 127 0.0 8.6 12.8





#39

cis-1,3-Dichloropropene

Concen: 0.210 ug/L

RT: 7.040 min Scan# 1866

Delta R.T. 0.013 min

Lab File: VV024306.D

Acq: 07 Jan 2022 16:03

Instrument :

MSVOA_V

ClientSampleId :

MDL02

Tgt Ion: 75 Resp: 2375

Ion Ratio Lower Upper

75 100

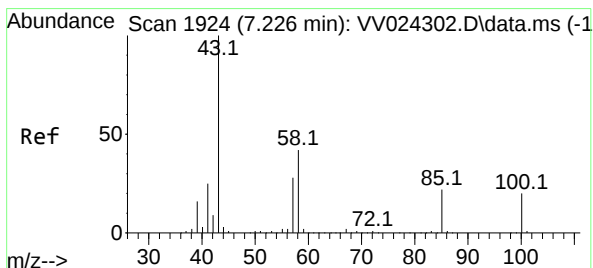
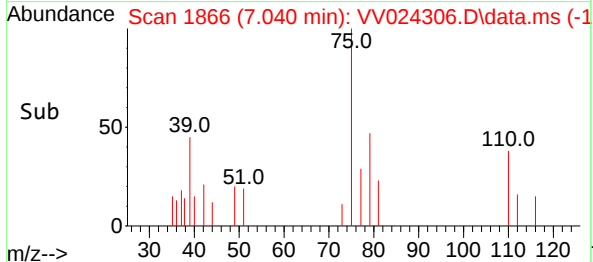
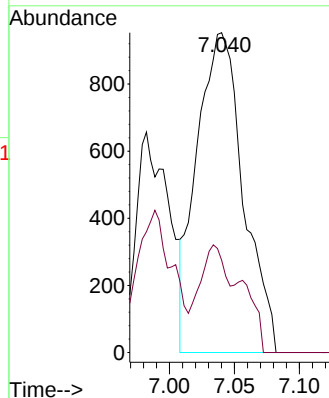
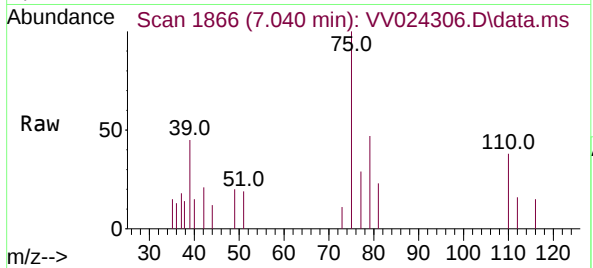
77 28.9 22.0 41.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/10/2022

Supervised By :Mahesh Dadoda 01/10/2022



#40

4-Methyl-2-pentanone

Concen: 1.698 ug/L

RT: 7.236 min Scan# 1927

Delta R.T. 0.010 min

Lab File: VV024306.D

Acq: 07 Jan 2022 16:03

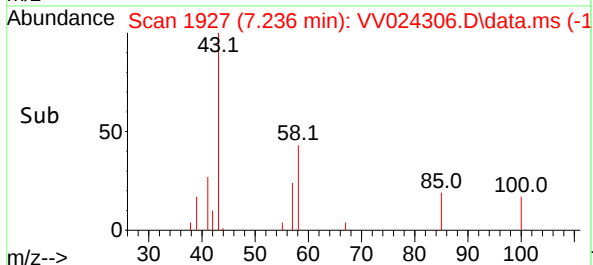
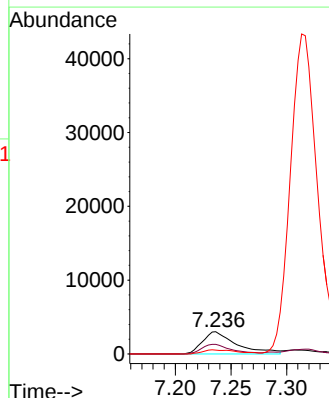
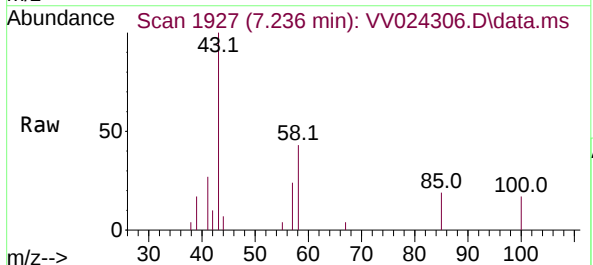
Tgt Ion: 43 Resp: 6440

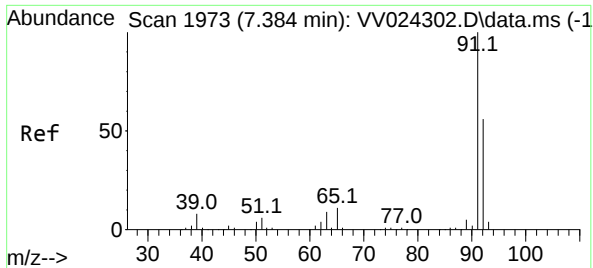
Ion Ratio Lower Upper

43 100

58 37.5 32.3 48.5

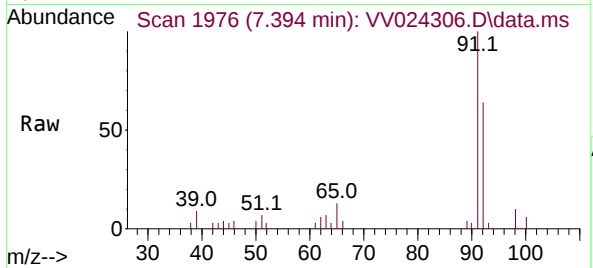
100 0.0 13.0 19.6





#42
Toluene
Concen: 0.239 ug/L
RT: 7.394 min Scan# 1973
Delta R.T. 0.010 min
Lab File: VV024306.D
Acq: 07 Jan 2022 16:03

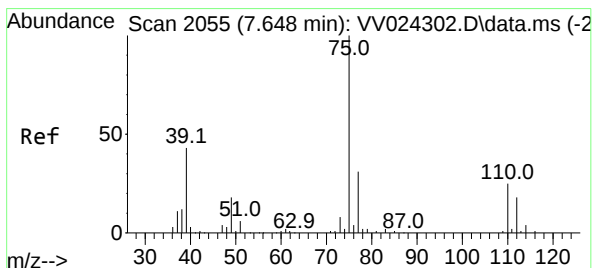
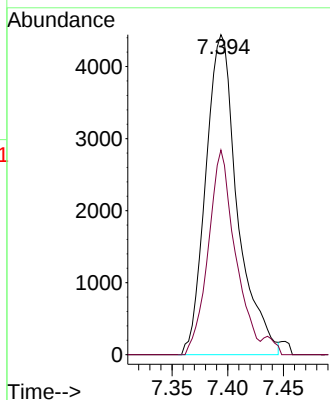
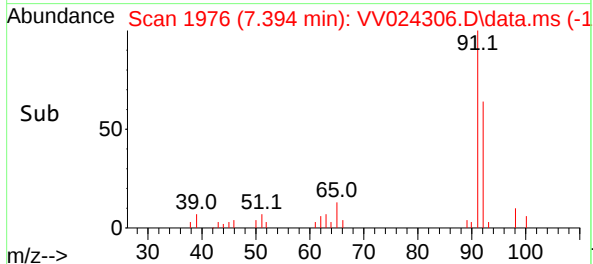
Instrument :
MSVOA_V
ClientSampleId :
MDL02



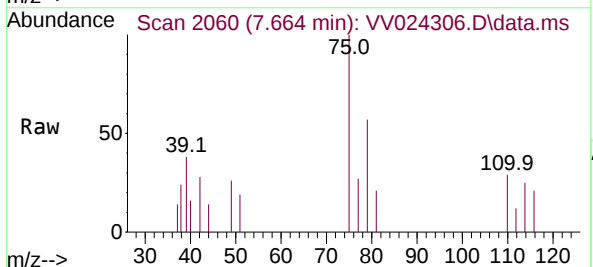
Tgt Ion: 91 Resp: 880
Ion Ratio Lower Upper
91 100
92 64.0 41.5 77.1

Manual Integrations
APPROVED

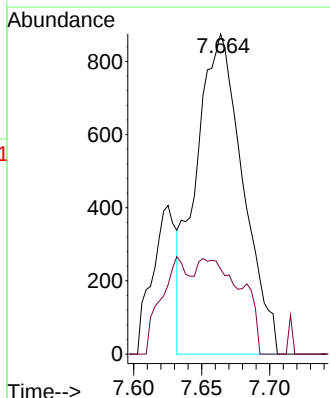
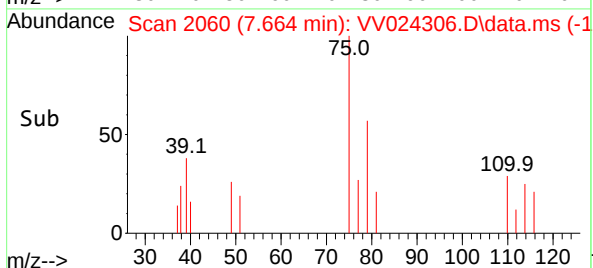
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/10/2022

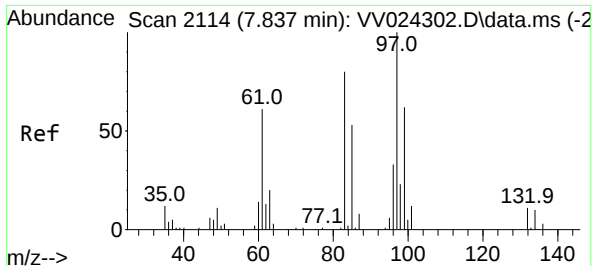


#44
trans-1,3-Dichloropropene
Concen: 0.208 ug/L m
RT: 7.664 min Scan# 2060
Delta R.T. 0.016 min
Lab File: VV024306.D
Acq: 07 Jan 2022 16:03



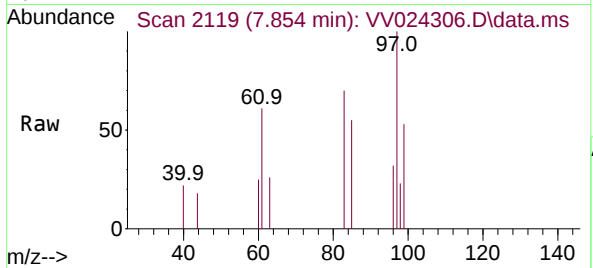
Tgt Ion: 75 Resp: 2111
Ion Ratio Lower Upper
75 100
77 26.5 21.8 40.4





#45
1,1,2-Trichloroethane
Concen: 0.195 ug/L
RT: 7.854 min Scan# 2119
Delta R.T. 0.016 min
Lab File: VV024306.D
Acq: 07 Jan 2022 16:03

Instrument :
MSVOA_V
ClientSampleId :
MDL02

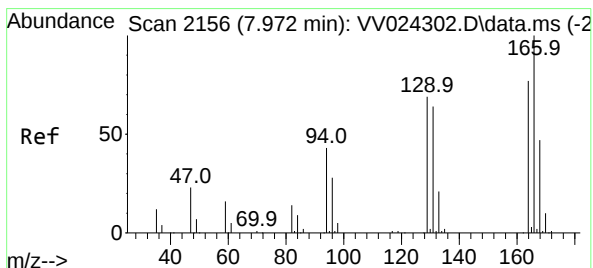
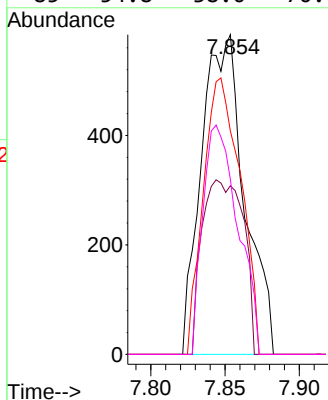
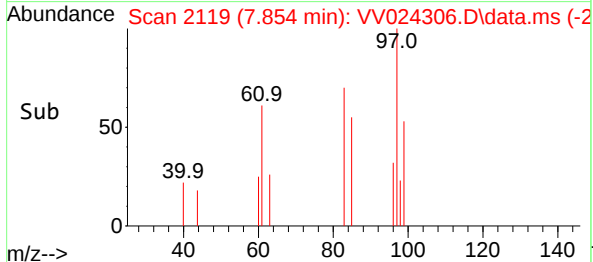


Tgt Ion: 97 Resp: 1178

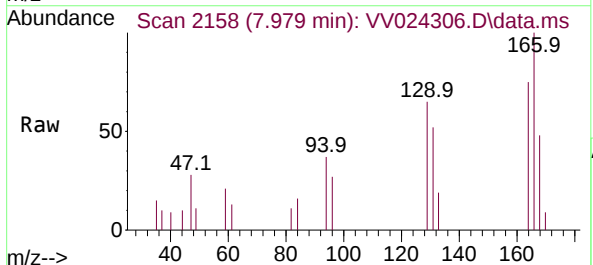
Ion	Ratio	Lower	Upper
97	100		
99	52.7	43.1	80.1
83	69.9	57.9	107.5
85	54.8	38.0	70.6

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

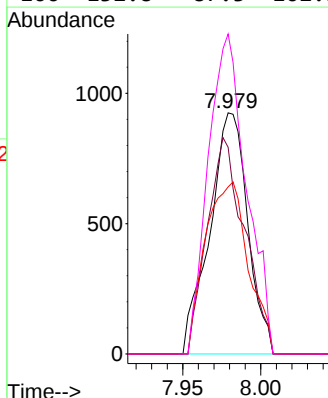
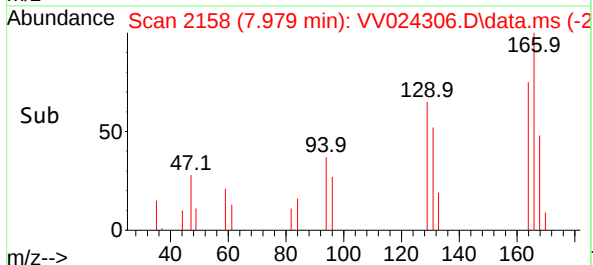


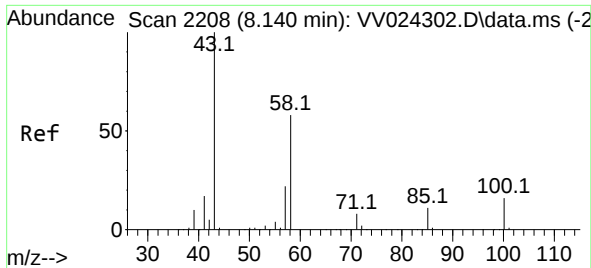
#47
Tetrachloroethene
Concen: 0.188 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.007 min
Lab File: VV024306.D
Acq: 07 Jan 2022 16:03



Tgt Ion:164 Resp: 1564

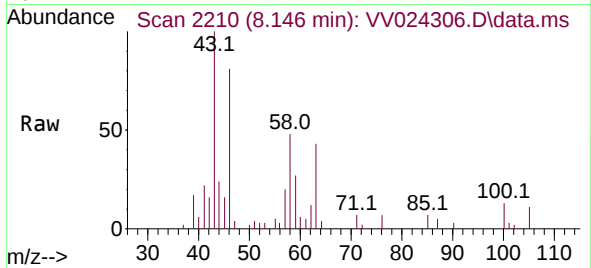
Ion	Ratio	Lower	Upper
164	100		
129	85.7	62.6	116.2
131	69.3	61.0	113.4
166	132.8	87.3	162.1





#48
2-Hexanone
Concen: 4.526 ug/L
RT: 8.146 min Scan# 2210
Delta R.T. 0.007 min
Lab File: VV024306.D
Acq: 07 Jan 2022 16:03

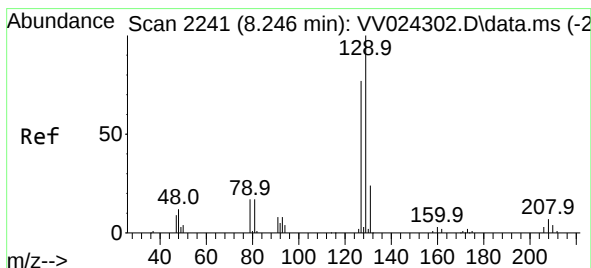
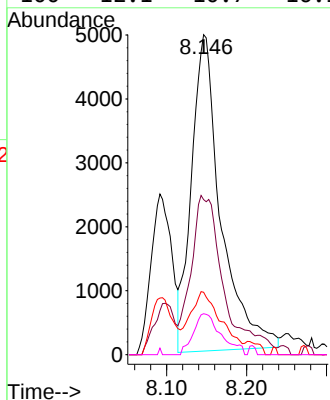
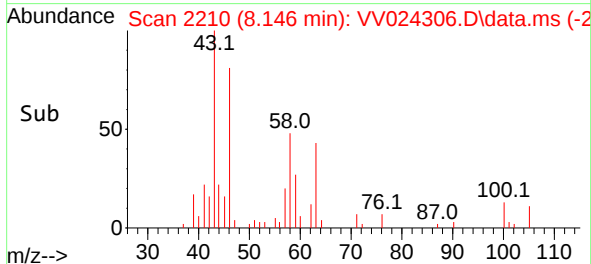
Instrument :
MSVOA_V
ClientSampleId :
MDL02



Tgt Ion: 43 Resp: 1266
Ion Ratio Lower Upper
43 100
58 56.4 44.5 66.7
57 21.3 15.1 22.7
100 12.1 10.7 16.1

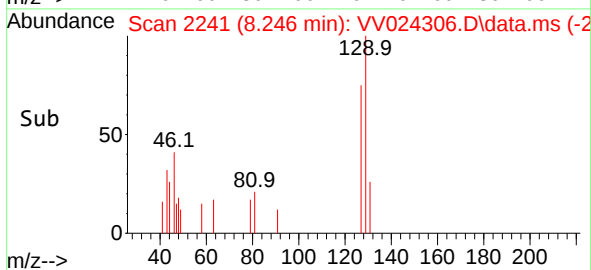
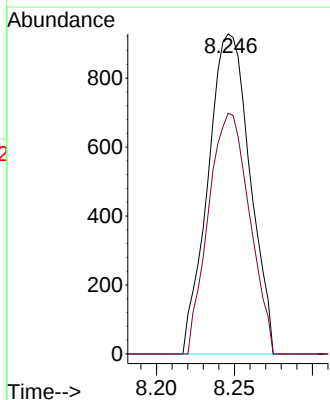
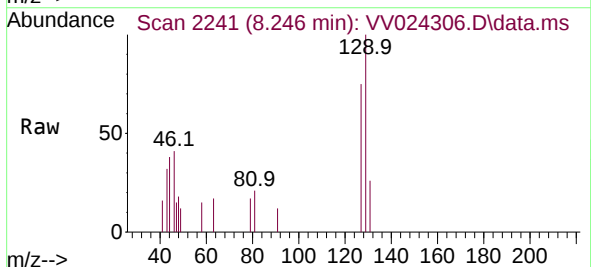
Manual Integrations
APPROVED

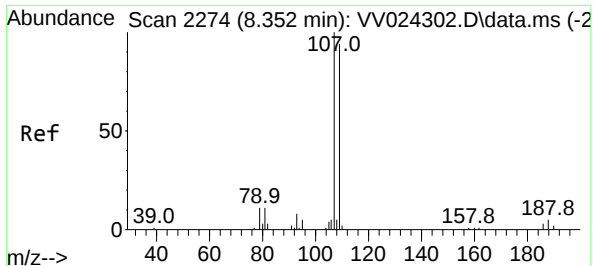
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/10/2022



#49
Dibromochloromethane
Concen: 0.209 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV024306.D
Acq: 07 Jan 2022 16:03

Tgt Ion:129 Resp: 1735
Ion Ratio Lower Upper
129 100
127 75.2 53.5 99.3





#50

1,2-Dibromoethane

Concen: 0.202 ug/L

RT: 8.358 min Scan# 2107

Delta R.T. 0.007 min

Lab File: VV024306.D

Acq: 07 Jan 2022 16:03

Instrument :

MSVOA_V

ClientSampleId :

MDL02

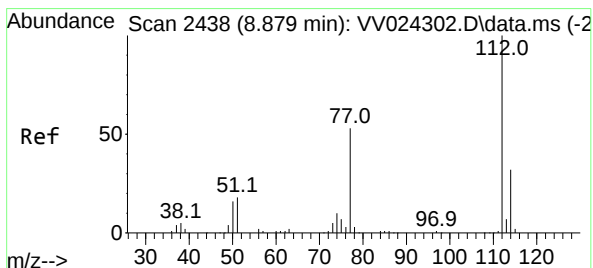
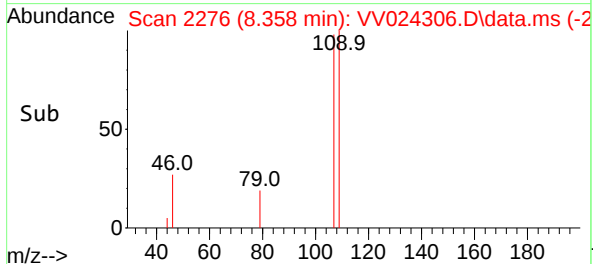
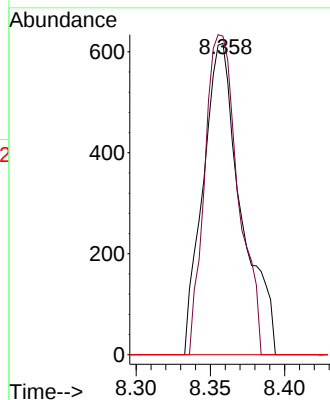
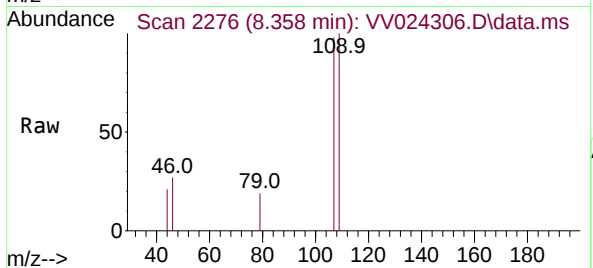
Tgt Ion:107	Resp:	110
Ion Ratio	Lower	Upper
107	100	
109	102.3	62.5 116.1
188	0.0	3.4 5.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/10/2022

Supervised By :Mahesh Dadoda 01/10/2022



#51

Chlorobenzene

Concen: 0.207 ug/L

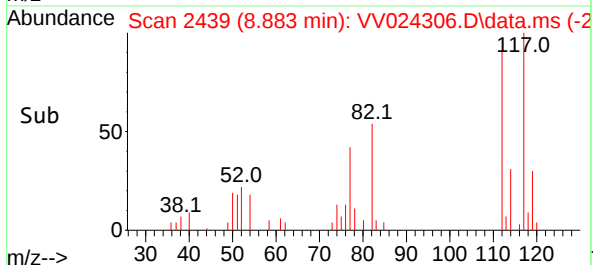
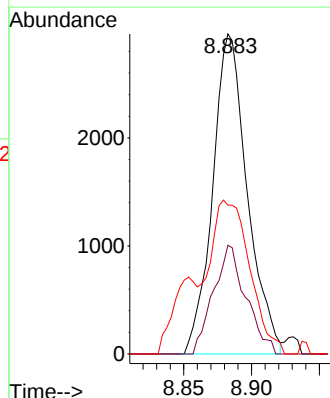
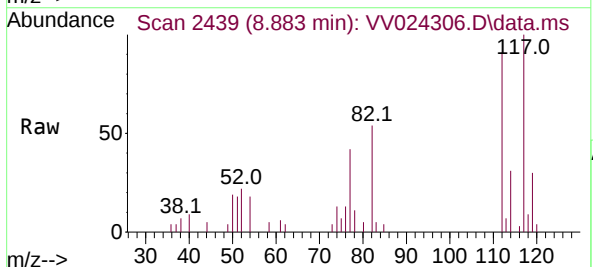
RT: 8.883 min Scan# 2439

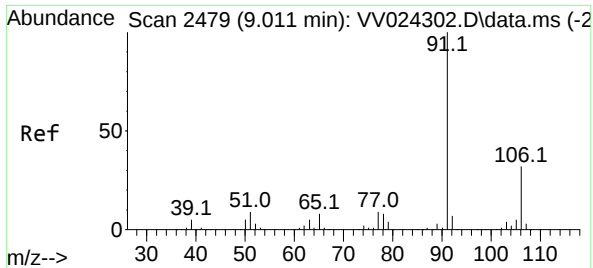
Delta R.T. 0.003 min

Lab File: VV024306.D

Acq: 07 Jan 2022 16:03

Tgt Ion:112	Resp:	5263
Ion Ratio	Lower	Upper
112	100	
114	33.9	23.3 43.3
77	46.5	43.3 64.9





#52

Ethylbenzene

Concen: 0.179 ug/L

RT: 9.014 min Scan# 2479

Delta R.T. 0.003 min

Lab File: VV024306.D

Acq: 07 Jan 2022 16:03

Instrument :

MSVOA_V

ClientSampleId :

MDL02

Tgt Ion: 91 Resp: 722

Ion Ratio Lower Upper

91 100

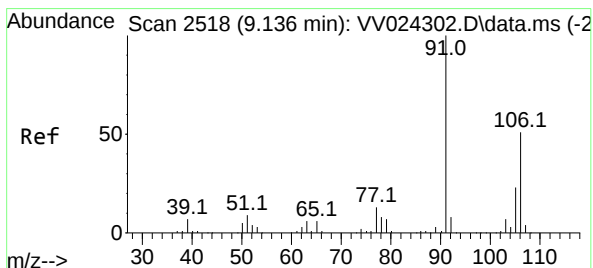
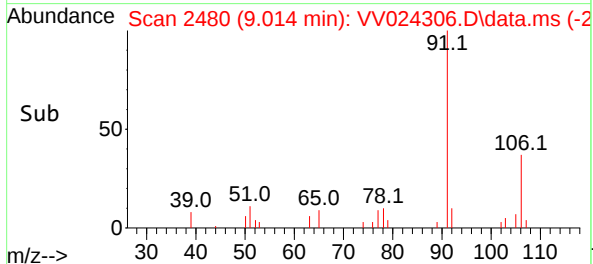
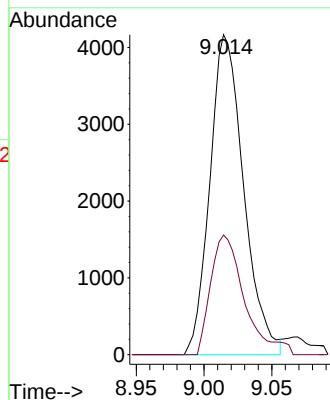
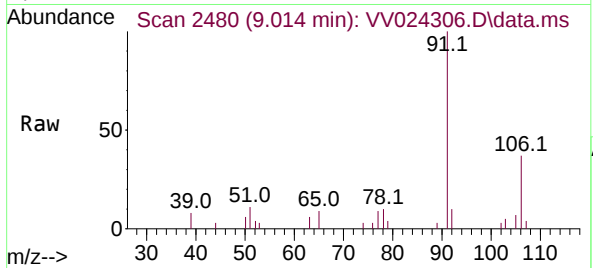
106 37.4 22.0 41.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/10/2022

Supervised By :Mahesh Dadoda 01/10/2022



#53

m,p-xylene

Concen: 0.182 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. 0.003 min

Lab File: VV024306.D

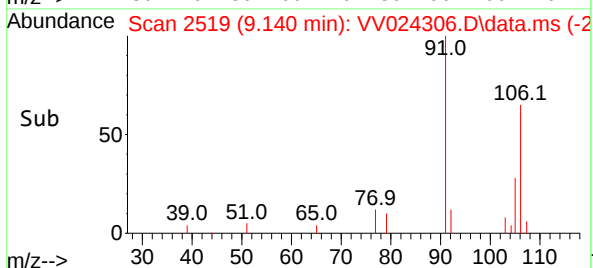
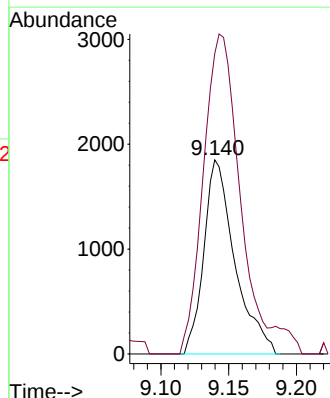
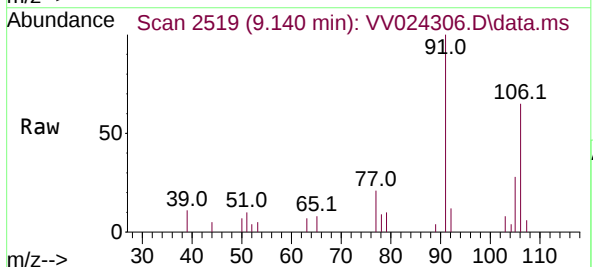
Acq: 07 Jan 2022 16:03

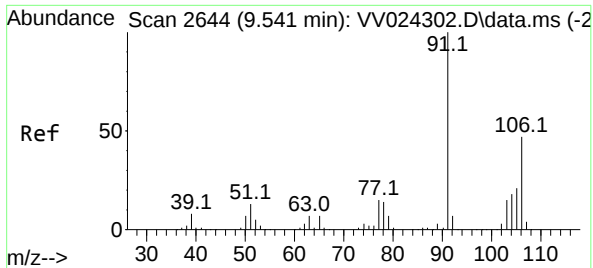
Tgt Ion:106 Resp: 2943

Ion Ratio Lower Upper

106 100

91 154.7 139.5 259.1





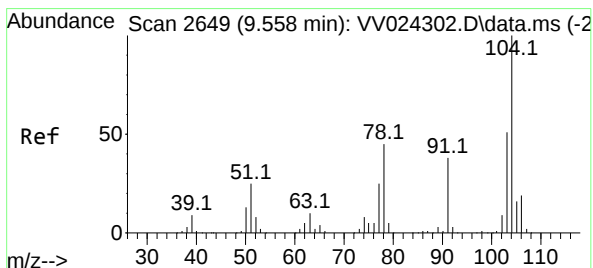
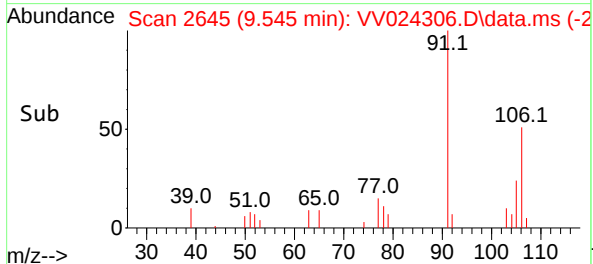
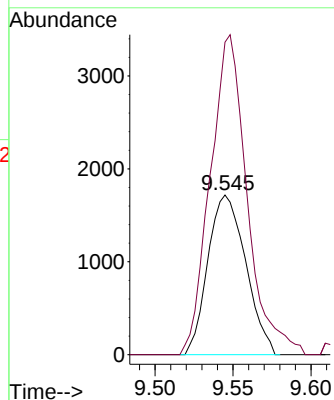
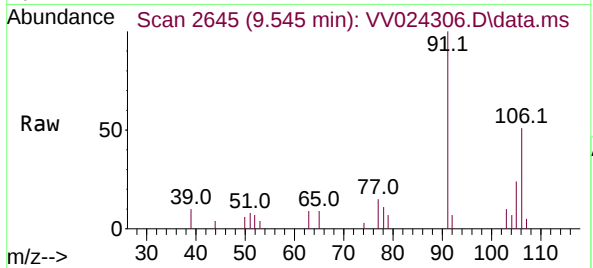
#54
o-xylene
Concen: 0.184 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV024306.D
Acq: 07 Jan 2022 16:03

Instrument :
MSVOA_V
ClientSampleId :
MDL02

Tgt Ion:106 Resp: 2900
Ion Ratio Lower Upper
106 100
91 195.6 147.9 274.7

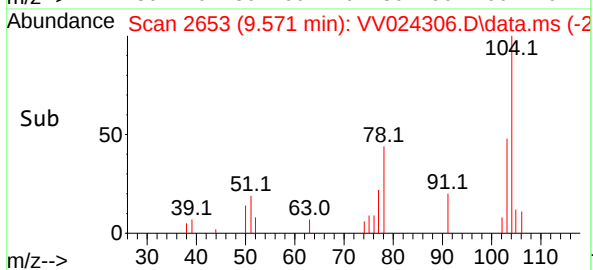
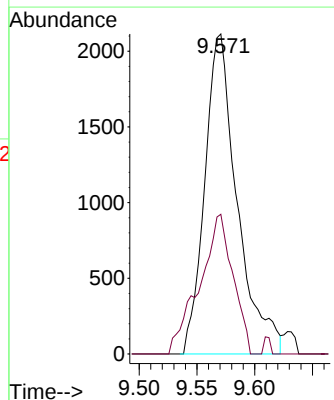
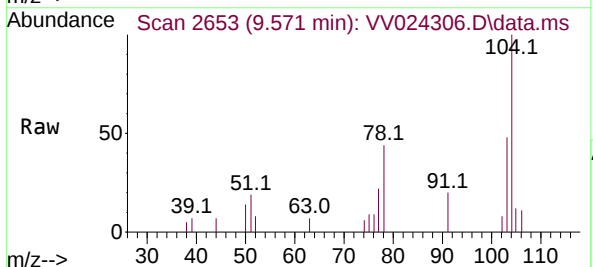
Manual Integrations
APPROVED

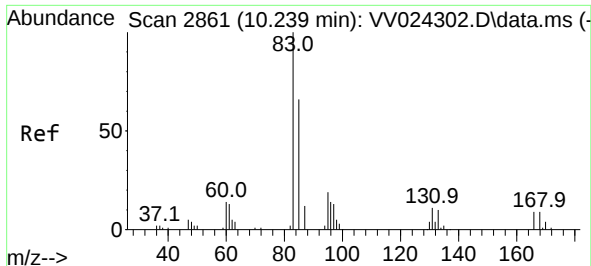
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/10/2022



#55
Styrene
Concen: 0.155 ug/L
RT: 9.571 min Scan# 2653
Delta R.T. 0.013 min
Lab File: VV024306.D
Acq: 07 Jan 2022 16:03

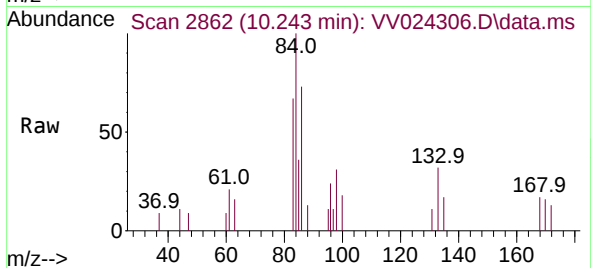
Tgt Ion:104 Resp: 4129
Ion Ratio Lower Upper
104 100
78 43.7 31.0 57.6





#57
1,1,2,2-Tetrachloroethane
Concen: 0.238 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. 0.003 min
Lab File: VV024306.D
Acq: 07 Jan 2022 16:03

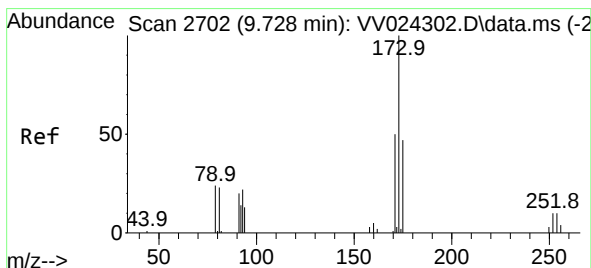
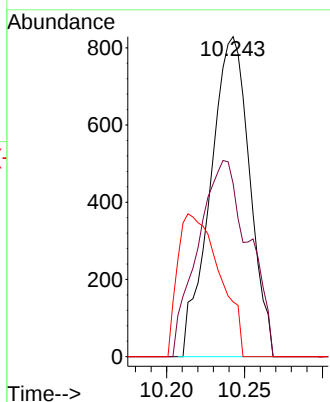
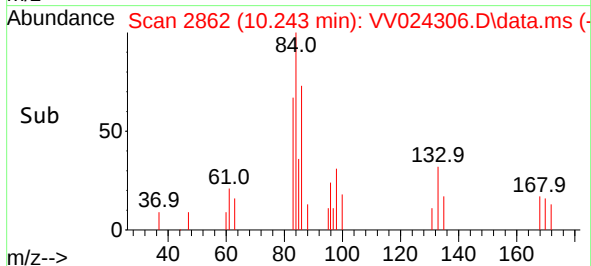
Instrument : MSVOA_V
ClientSampleId : MDL02



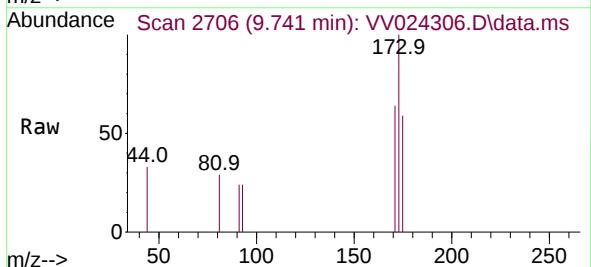
Tgt Ion: 83 Resp: 145
Ion Ratio Lower Upper
83 100
85 54.2 44.6 82.8
131 17.1 8.3 12.5

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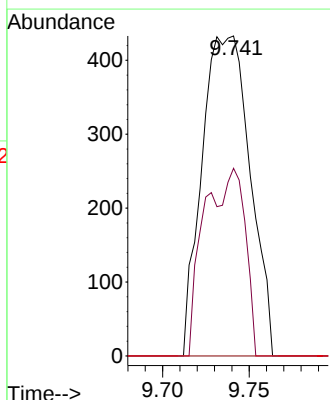
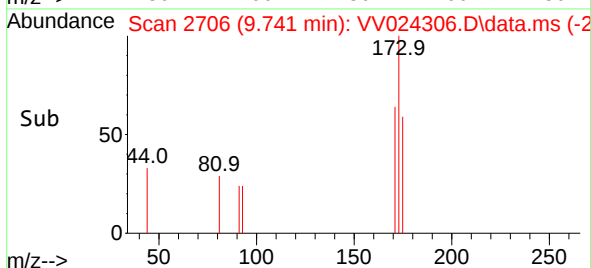
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/10/2022

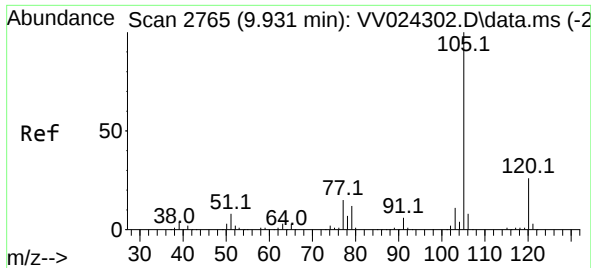


#59
Bromoform
Concen: 0.192 ug/L
RT: 9.741 min Scan# 2706
Delta R.T. 0.013 min
Lab File: VV024306.D
Acq: 07 Jan 2022 16:03



Tgt Ion:173 Resp: 838
Ion Ratio Lower Upper
173 100
175 28.0 39.4 59.2#
254 0.0 7.4 11.0#





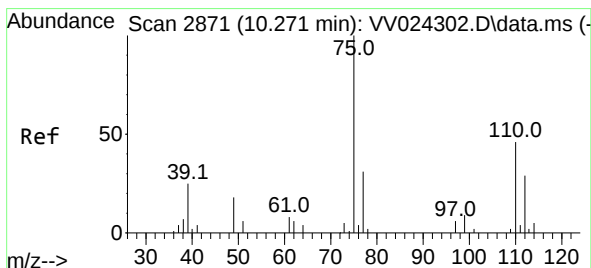
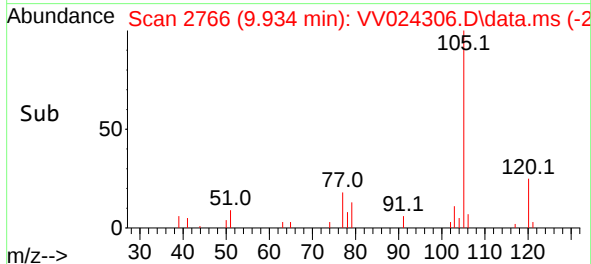
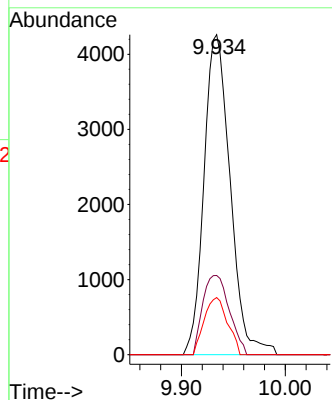
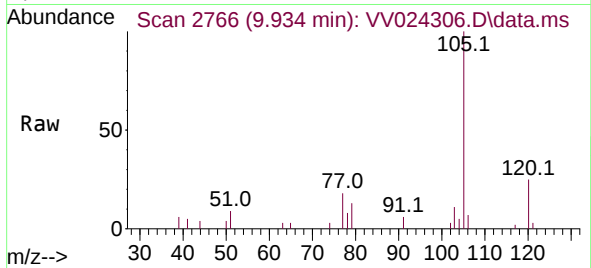
#60
Isopropylbenzene
Concen: 0.194 ug/L
RT: 9.934 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV024306.D
Acq: 07 Jan 2022 16:03

Instrument :
MSVOA_V
ClientSampleId :
MDL02

Tgt Ion:105 Resp: 7480
Ion Ratio Lower Upper
105 100
120 25.1 21.4 32.0
77 15.8 12.2 18.4

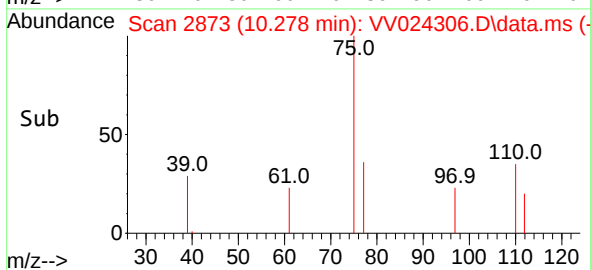
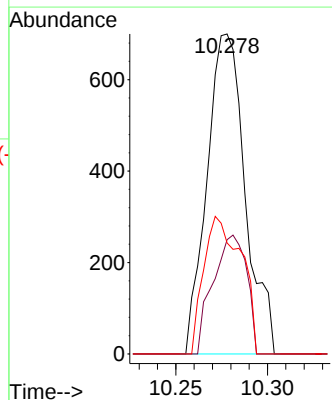
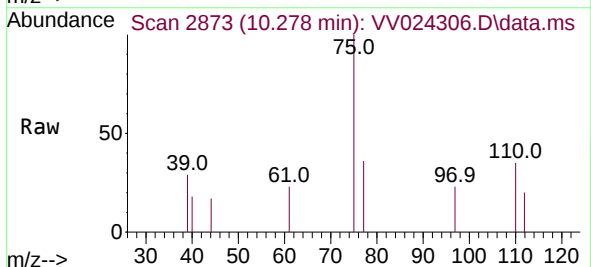
Manual Integrations
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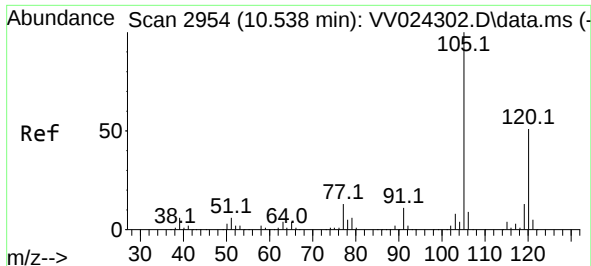
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/10/2022



#61
1,2,3-Trichloropropane
Concen: 0.240 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. 0.007 min
Lab File: VV024306.D
Acq: 07 Jan 2022 16:03

Tgt Ion: 75 Resp: 1017
Ion Ratio Lower Upper
75 100
77 32.5 26.4 39.6
110 42.1 34.2 51.2





#62

1,3,5-Trimethylbenzene

Concen: 0.177 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. 0.000 min

Lab File: VV024306.D

Acq: 07 Jan 2022 16:03

Instrument :

MSVOA_V

ClientSampleId :

MDL02

Tgt Ion:105 Resp: 5874

Ion Ratio Lower Upper

105 100

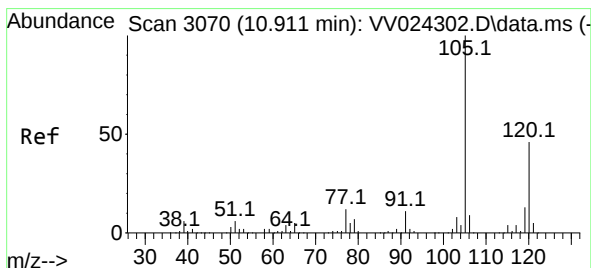
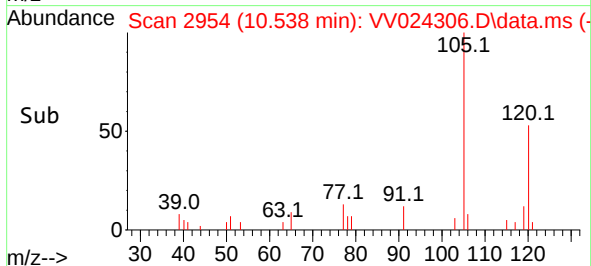
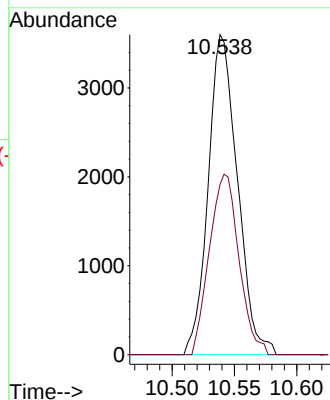
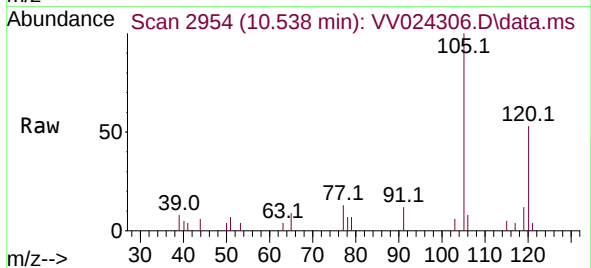
120 57.1 40.1 60.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/10/2022

Supervised By :Mahesh Dadoda 01/10/2022



#63

1,2,4-Trimethylbenzene

Concen: 0.175 ug/L

RT: 10.918 min Scan# 3072

Delta R.T. 0.007 min

Lab File: VV024306.D

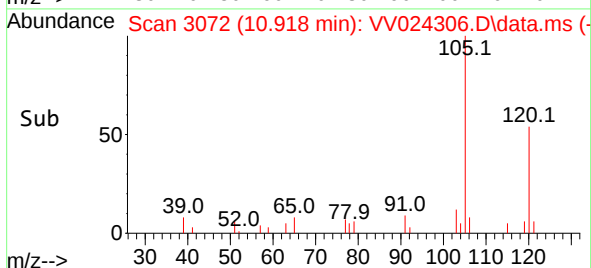
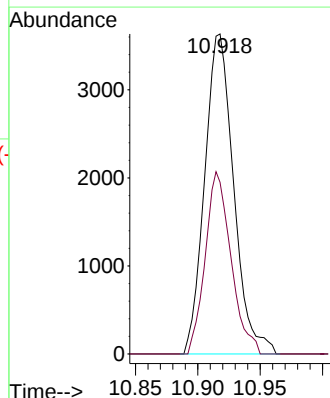
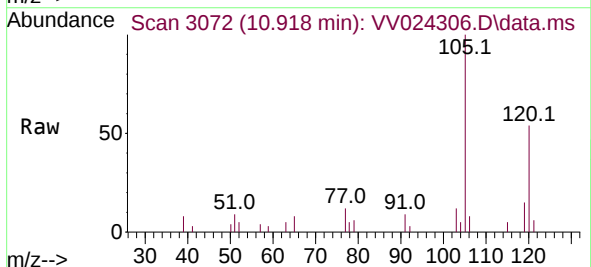
Acq: 07 Jan 2022 16:03

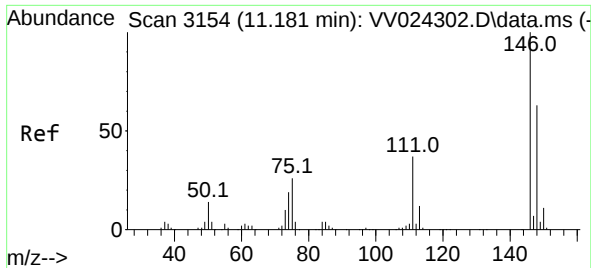
Tgt Ion:105 Resp: 5892

Ion Ratio Lower Upper

105 100

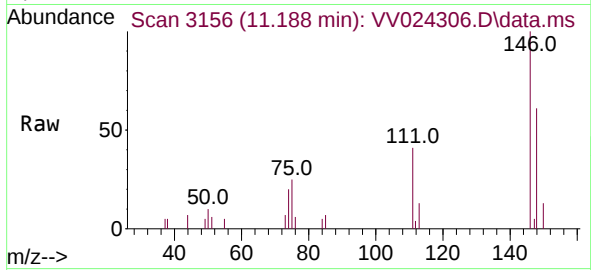
120 50.5 36.7 55.1





#64
1,3-Dichlorobenzene
Concen: 0.201 ug/L
RT: 11.188 min Scan# 3154
Delta R.T. 0.007 min
Lab File: VV024306.D
Acq: 07 Jan 2022 16:03

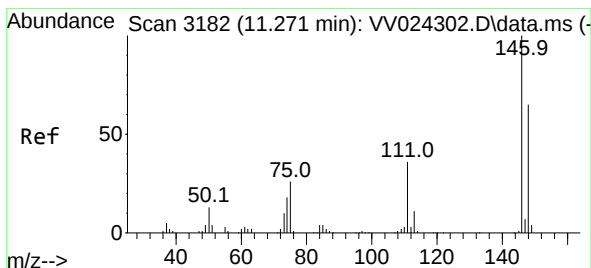
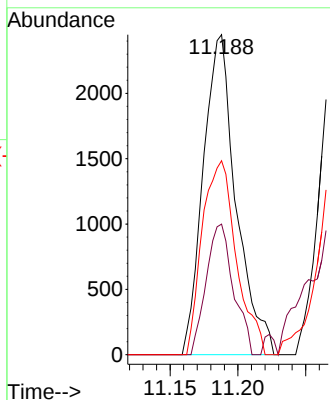
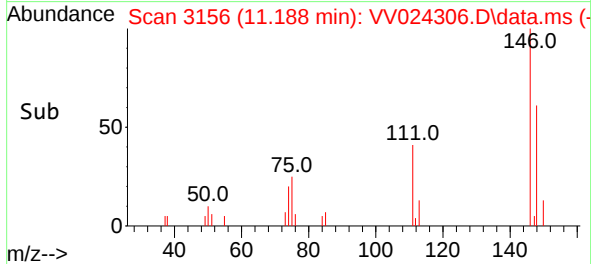
Instrument :
MSVOA_V
ClientSampleId :
MDL02



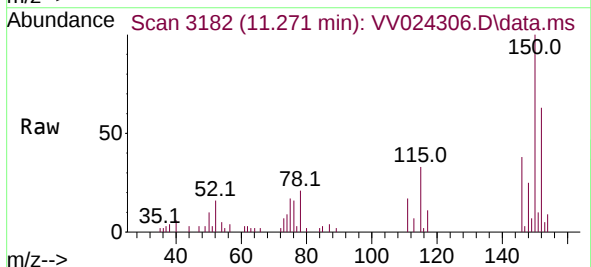
Tgt Ion:146 Resp: 4128
Ion Ratio Lower Upper
146 100
111 40.8 26.3 48.9
148 60.6 44.4 82.5

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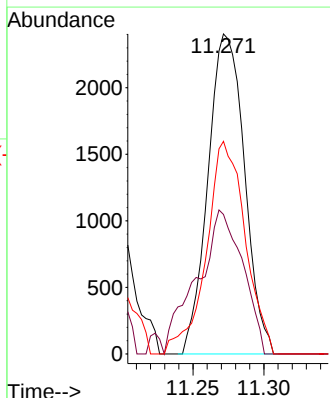
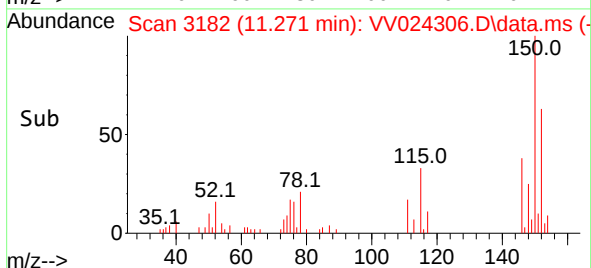
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/10/2022

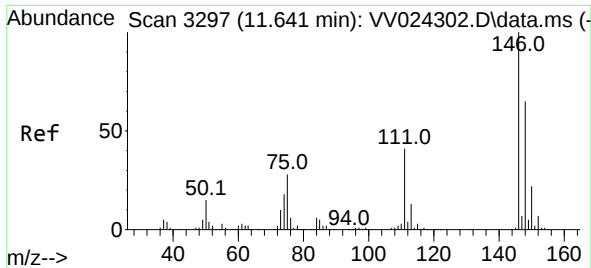


#65
1,4-Dichlorobenzene
Concen: 0.211 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV024306.D
Acq: 07 Jan 2022 16:03



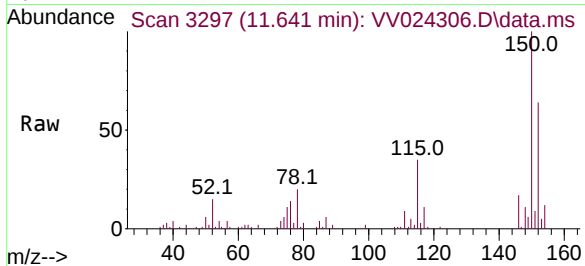
Tgt Ion:146 Resp: 4310
Ion Ratio Lower Upper
146 100
111 43.6 25.6 47.6
148 66.4 44.8 83.2





#67
1,2-Dichlorobenzene
Concen: 0.215 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. 0.000 min
Lab File: VV024306.D
Acq: 07 Jan 2022 16:03

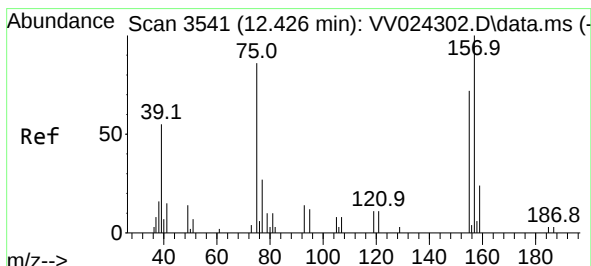
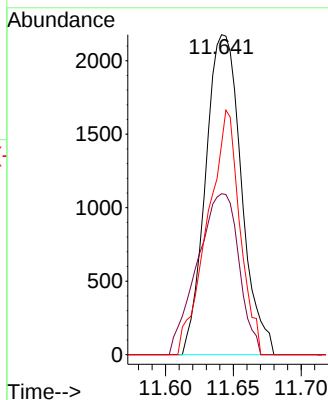
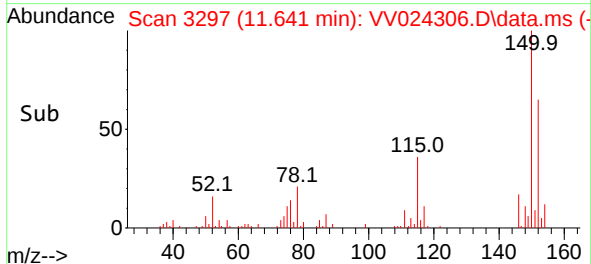
Instrument :
MSVOA_V
ClientSampleId :
MDL02



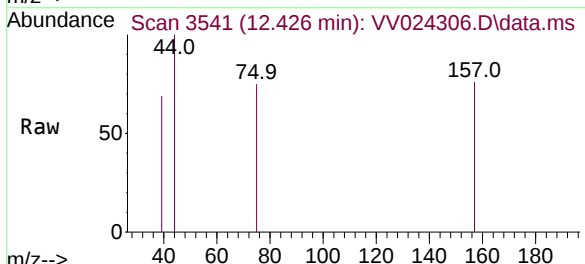
Tgt Ion:146 Resp: 3990
Ion Ratio Lower Upper
146 100
111 50.3 31.9 47.9#
148 65.8 50.5 75.7

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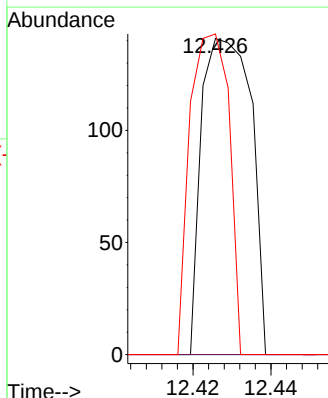
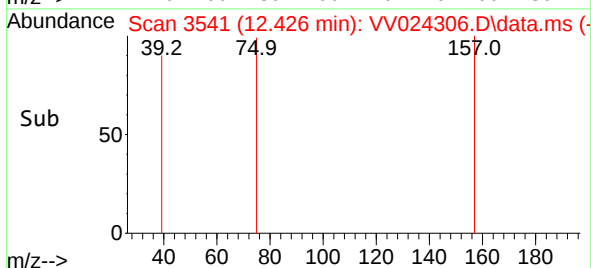
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/10/2022

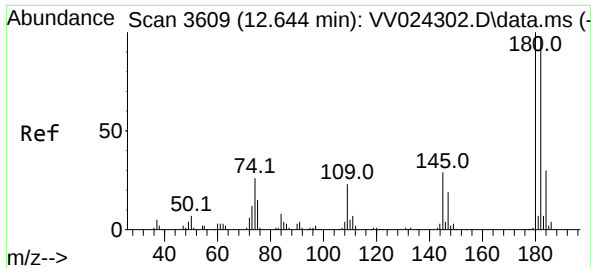


#68
1,2-Dibromo-3-chloropropane
Concen: 0.134 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. 0.000 min
Lab File: VV024306.D
Acq: 07 Jan 2022 16:03



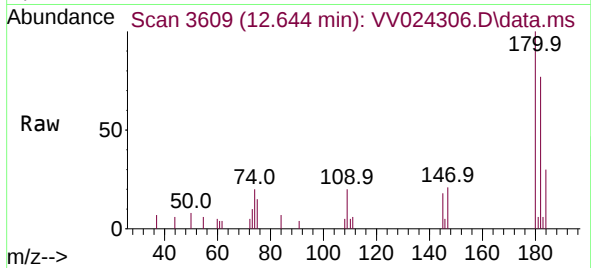
Tgt Ion: 75 Resp: 124
Ion Ratio Lower Upper
75 100
155 0.0 71.7 107.5#
157 101.4 103.3 154.9#





#69
 1,3,5-Trichlorobenzene
 Concen: 0.213 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. 0.000 min
 Lab File: VV024306.D
 Acq: 07 Jan 2022 16:03

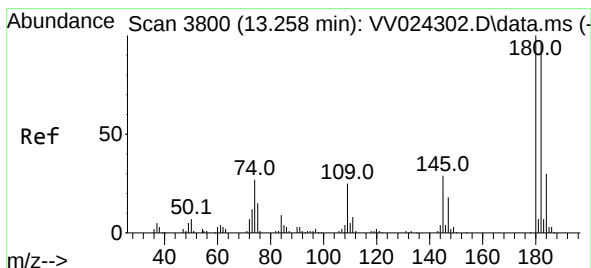
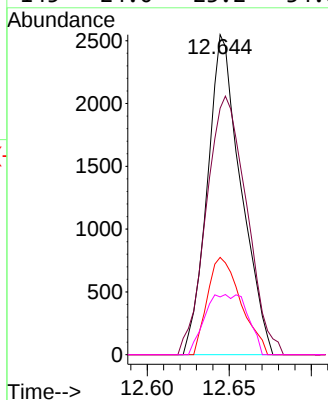
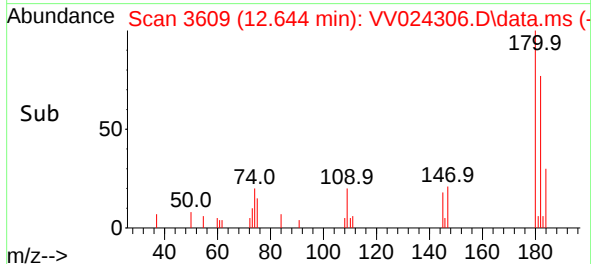
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL02



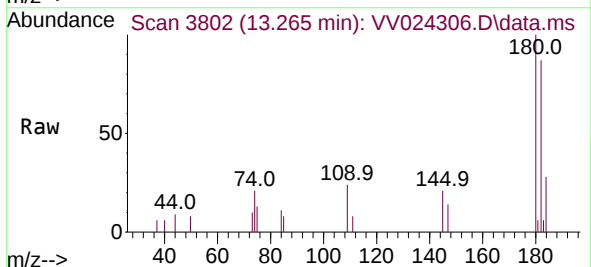
Tgt Ion:180	Resp:	3614
Ion Ratio	Lower	Upper
180	100	
182	96.8	76.4 114.6
184	30.4	24.2 36.4
145	24.0	23.2 34.8

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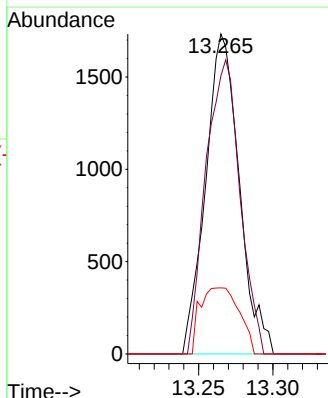
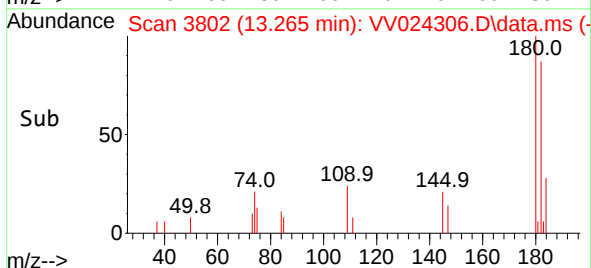
Reviewed By :John Carlone 01/10/2022
 Supervised By :Mahesh Dadoda 01/10/2022

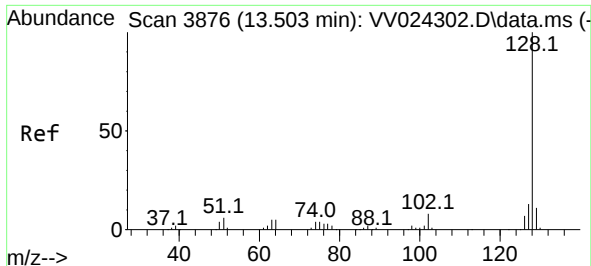


#70
 1,2,4-trichlorobenzene
 Concen: 0.205 ug/L
 RT: 13.265 min Scan# 3802
 Delta R.T. 0.007 min
 Lab File: VV024306.D
 Acq: 07 Jan 2022 16:03



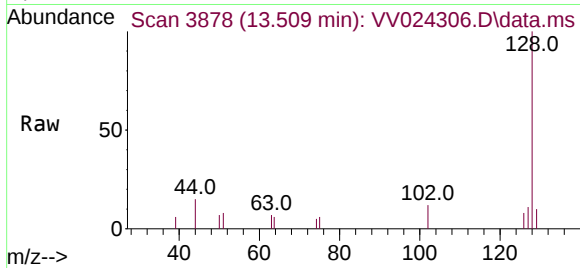
Tgt Ion:180	Resp:	2728
Ion Ratio	Lower	Upper
180	100	
182	92.8	74.4 111.6
145	23.9	23.3 34.9





#71
Naphthalene
Concen: 0.188 ug/L
RT: 13.509 min Scan# 3876
Delta R.T. 0.007 min
Lab File: VV024306.D
Acq: 07 Jan 2022 16:03

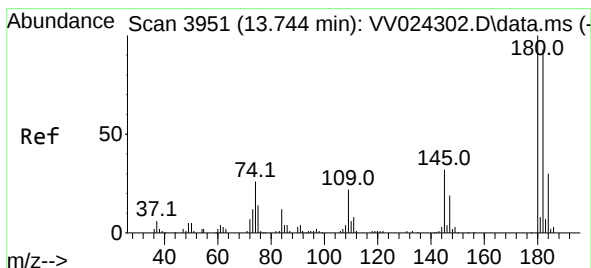
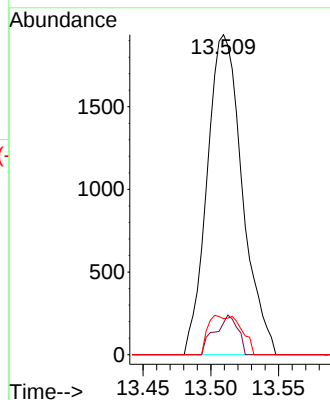
Instrument :
MSVOA_V
ClientSampleId :
MDL02



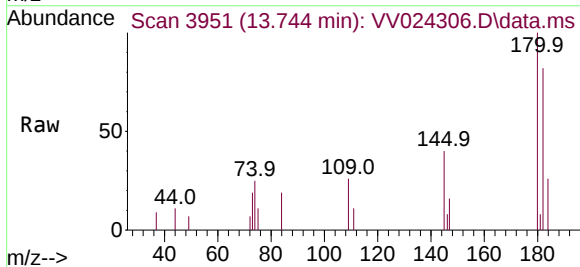
Tgt Ion:128 Resp: 3494
Ion Ratio Lower Upper
128 100
129 8.1 9.0 13.4
127 11.4 10.2 15.4

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: 0.211 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.000 min
Lab File: VV024306.D
Acq: 07 Jan 2022 16:03



Tgt Ion:180 Resp: 2427
Ion Ratio Lower Upper
180 100
182 87.1 76.8 115.2
145 32.5 25.8 38.6

