

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072622\
 Data File : VW026950.D
 Acq On : 26 Jul 2022 14:18
 Operator : SY/MD
 Sample : N3670-02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT2-2022-04

Quant Time: Jul 27 01:50:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 27 01:39:23 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 07/27/2022
 Supervised By :Mahesh Dadoda 07/27/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	402045	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	406649	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	183245	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	220611	65.425	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	= 130.840%		
7) Chloroethane-d5	1.564	69	186623	68.412	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	= 136.820%#		
11) 1,1-Dichloroethene-d2	2.101	63	313596	51.693	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 103.380%		
21) 2-Butanone-d5	3.883	46	319079	140.386	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	= 140.390%#		
24) Chloroform-d	4.339	84	444669	67.006	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 134.020%#		
26) 1,2-Dichloroethane-d4	5.024	65	263990	69.543	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 139.080%#		
32) Benzene-d6	5.043	84	888663	72.295	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 144.600%#		
36) 1,2-Dichloropropane-d6	6.066	67	282416	71.294	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	= 142.580%#		
41) Toluene-d8	7.313	98	742822	69.067	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 138.140%#		
43) trans-1,3-Dichloroprop...	7.619	79	112472	67.761	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 135.520%#		
47) 2-Hexanone-d5	8.088	63	219841	127.458	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	= 127.460%		
56) 1,1,2,2-Tetrachloroeth...	10.214	84	407575	67.729	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	= 135.460%#		
66) 1,2-Dichlorobenzene-d4	11.622	152	270861	78.789	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 157.580%#		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	11601	2.793	ug/L	99
3) Chloromethane	1.240	50	11160	2.873	ug/L	93
5) Vinyl chloride	1.307	62	13618	3.298	ug/L #	79
6) Bromomethane	1.516	94	8059	3.230	ug/L	98
8) Chloroethane	1.580	64	7558	3.115	ug/L	95
9) Trichlorofluoromethane	1.748	101	17243	3.030	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	13053	3.922	ug/L	86
12) 1,1-Dichloroethene	2.111	96	11983	3.855	ug/L #	1
13) Acetone	2.179	43	14468m	9.066	ug/L	
14) Carbon disulfide	2.288	76	26241	2.959	ug/L	96
15) Methyl Acetate	2.439	43	10771	3.060	ug/L	98
16) Methylene chloride	2.503	84	16434	4.147	ug/L	97
17) trans-1,2-Dichloroethene	2.757	96	9060	2.758	ug/L	97
18) Methyl tert-butyl Ether	2.767	73	25846	2.833	ug/L #	88
19) 1,1-Dichloroethane	3.185	63	18535	3.064	ug/L	97
20) cis-1,2-Dichloroethene	3.908	96	10738	3.102	ug/L	96
22) 2-Butanone	3.989	43	16070m	7.383	ug/L	
23) Bromochloromethane	4.249	128	5936	2.995	ug/L	97
27) 1,2-Dichloroethane	5.137	62	14315	3.144	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	4.667	56	11272	2.651	ug/L	99
30) 1,1,1-Trichloroethane	4.603	97	16366	3.046	ug/L	99
31) Carbon tetrachloride	4.828	117	14083	2.994	ug/L	99
33) Benzene	5.098	78	42278	3.233	ug/L	100
34) Trichloroethene	5.918	95	10202	3.036	ug/L	94
35) Methylcyclohexane	6.127	83	12298	2.472	ug/L	96
37) 1,2-Dichloropropane	6.175	63	10128	2.976	ug/L #	96
38) Bromodichloromethane	6.510	83	13825	2.997	ug/L	97
39) cis-1,3-Dichloropropene	7.034	75	13325	2.821	ug/L	100
40) 4-Methyl-2-pentanone	7.233	43	20278	5.006	ug/L	99
42) Toluene	7.391	91	40677	3.047	ug/L	97
44) trans-1,3-Dichloropropene	7.651	75	13243m	2.843	ug/L	
45) 1,1,2-Trichloroethane	7.841	97	11117	3.067	ug/L	97
46) Tetrachloroethene	7.976	164	7807	2.978	ug/L	94
48) 2-Hexanone	8.146	43	29168m	9.252	ug/L	
49) Dibromochloromethane	8.246	129	11250	2.970	ug/L	100
50) 1,2-Dibromoethane	8.355	107	10825	2.919	ug/L	98
51) Chlorobenzene	8.882	112	26920	2.893	ug/L	97
52) Ethylbenzene	9.014	91	34813	2.513	ug/L	98
53) m,p-Xylene	9.140	106	12491	2.302	ug/L	96
54) o-Xylene	9.545	106	12626	2.416	ug/L	100
55) Styrene	9.567	104	19214	2.082	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	19567	3.344	ug/L	99
59) Bromoform	9.734	173	7478	3.653	ug/L #	97
60) Isopropylbenzene	9.931	105	30461	2.813	ug/L	98
61) 1,2,3-Trichloropropane	10.271	75	13707	3.728	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	23242	2.641	ug/L	98
63) 1,2,4-Trimethylbenzene	10.915	105	22469	2.545	ug/L	96
64) 1,3-Dichlorobenzene	11.185	146	16318	2.949	ug/L	97
65) 1,4-Dichlorobenzene	11.275	146	18138	3.094	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	20237	3.565	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.426	75	3275	3.334	ug/L	92
69) 1,3,5-Trichlorobenzene	12.648	180	10746	2.743	ug/L	94
70) 1,2,4-trichlorobenzene	13.262	180	8336	2.526	ug/L	95
71) Naphthalene	13.506	128	22297	2.148	ug/L	98
72) 1,2,3-Trichlorobenzene	13.744	180	8194	2.380	ug/L	95

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

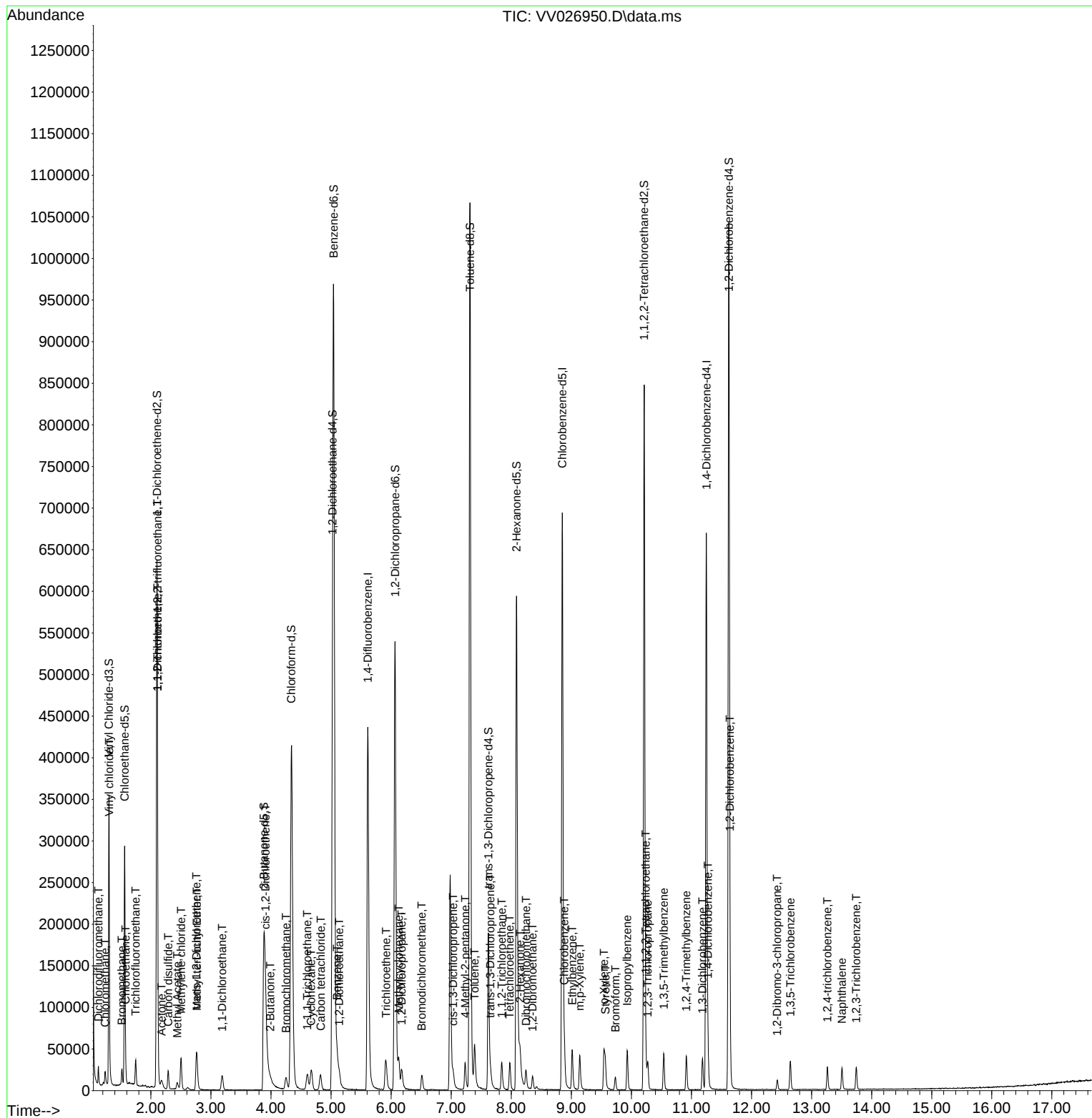
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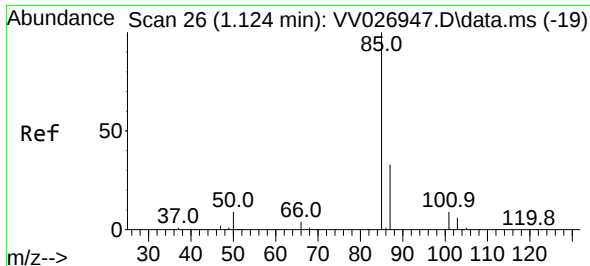
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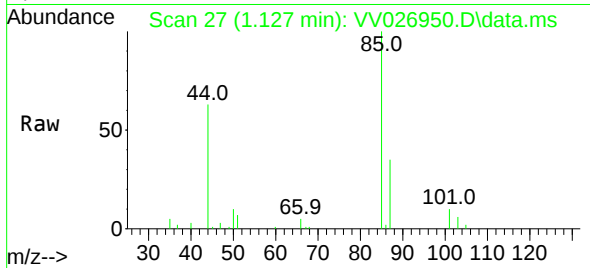
Reviewed By :Krupa Patel 07/27/2022
 Supervised By :Mahesh Dadoda 07/27/2022





#2
 Dichlorodifluoromethane
 Concen: 2.793 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV026950.D
 Acq: 26 Jul 2022 14:18

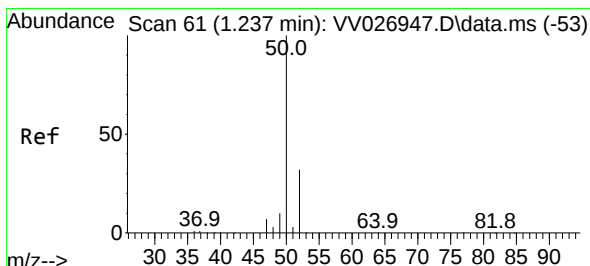
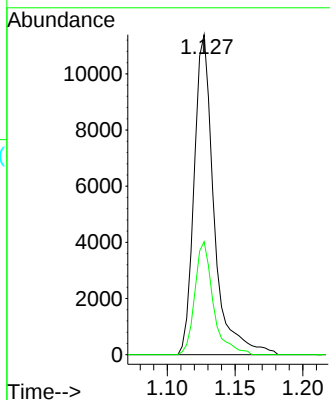
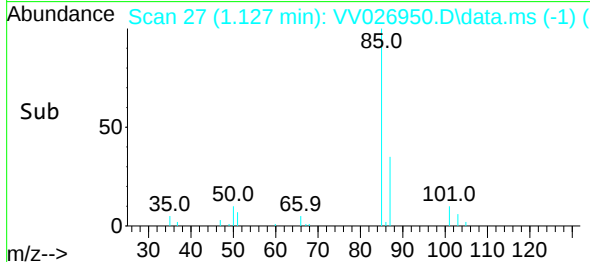
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT2-2022-04



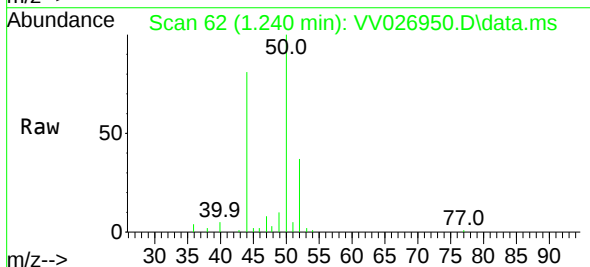
Tgt Ion: 85 Resp: 1160
 Ion Ratio Lower Upper
 85 100
 87 32.9 26.1 39.1

Manual Integrations
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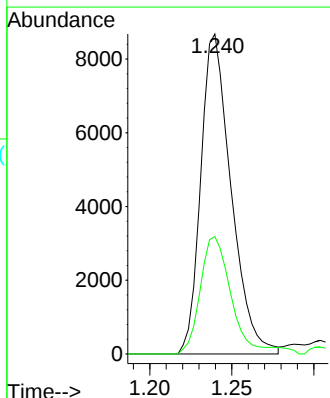
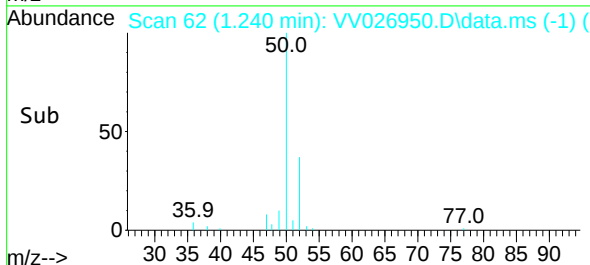
Reviewed By :Krupa Patel 07/27/2022
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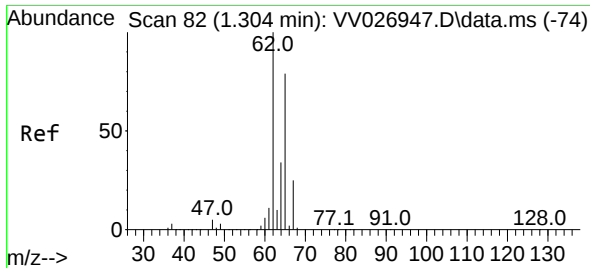


#3
 Chloromethane
 Concen: 2.873 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.003 min
 Lab File: VV026950.D
 Acq: 26 Jul 2022 14:18



Tgt Ion: 50 Resp: 11160
 Ion Ratio Lower Upper
 50 100
 52 36.7 23.1 42.9





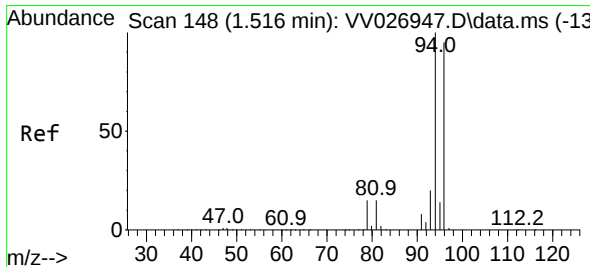
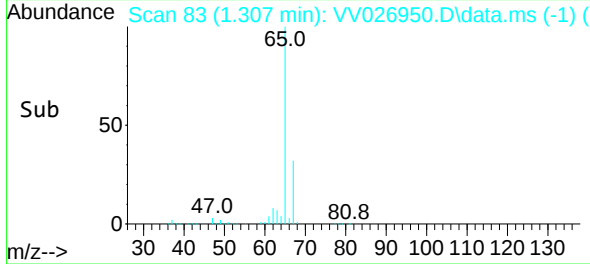
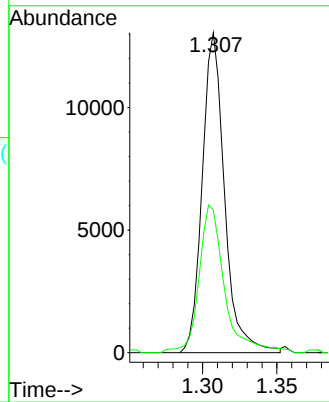
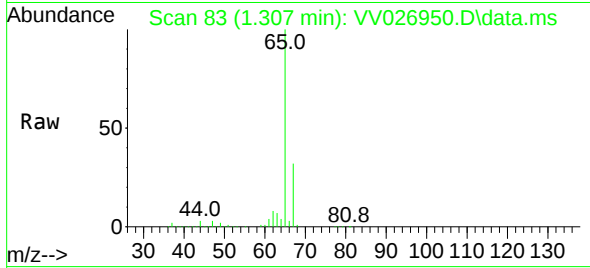
#5
 Vinyl chloride
 Concen: 3.298 ug/L
 RT: 1.307 min Scan# 82
 Delta R.T. 0.003 min
 Lab File: VV026950.D
 Acq: 26 Jul 2022 14:18

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT2-2022-04

Tgt Ion: 62 Resp: 13618
 Ion Ratio Lower Upper
 62 100
 64 44.5 23.0 42.6

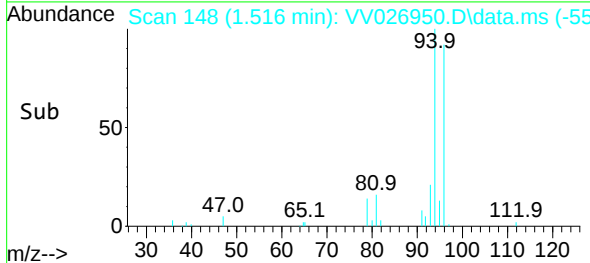
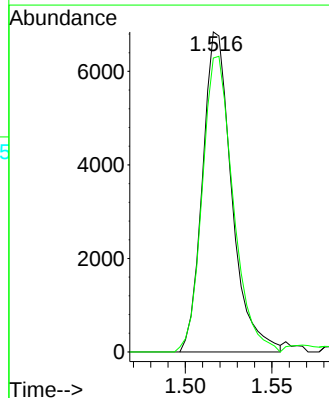
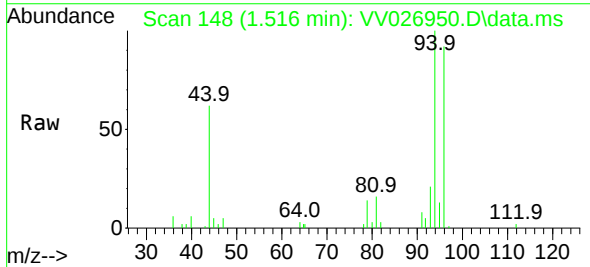
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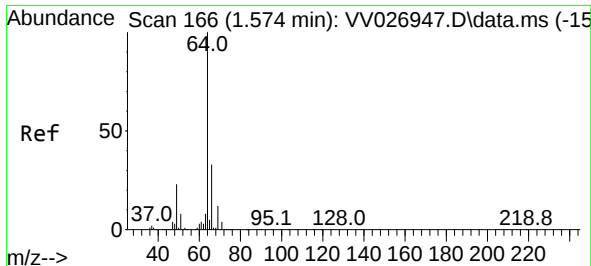
Reviewed By :Krupa Patel 07/27/2022
 Supervised By :Mahesh Dadoda 07/27/2022



#6
 Bromomethane
 Concen: 3.230 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VV026950.D
 Acq: 26 Jul 2022 14:18

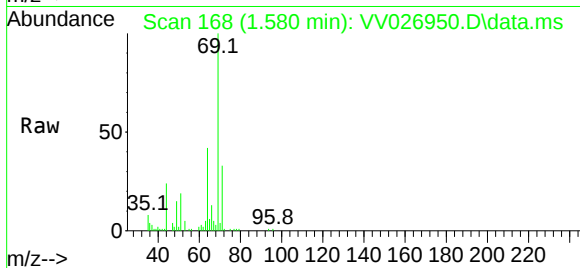
Tgt Ion: 94 Resp: 8059
 Ion Ratio Lower Upper
 94 100
 96 91.9 65.8 122.2





#8
Chloroethane
Concen: 3.115 ug/L
RT: 1.580 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV026950.D
Acq: 26 Jul 2022 14:18

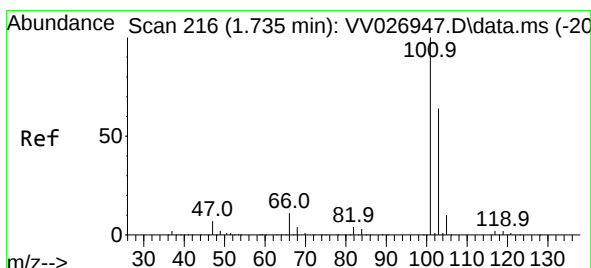
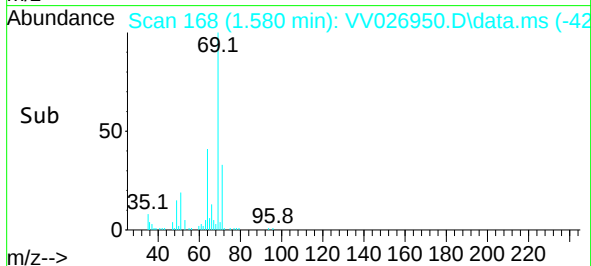
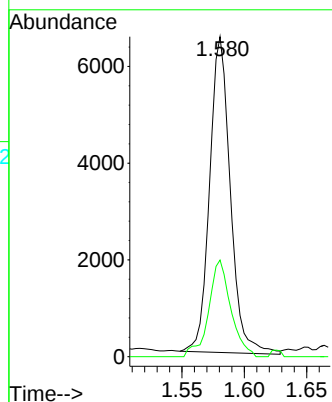
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MSVOA_V
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Tgt Ion: 64 Resp: 7558
Ion Ratio Lower Upper
64 100
66 30.2 23.2 43.0

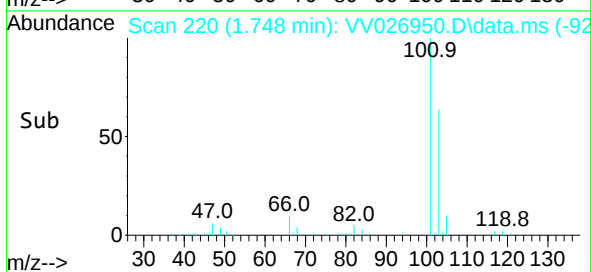
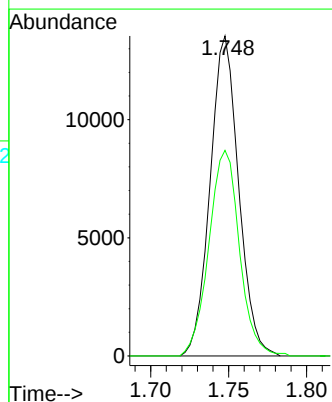
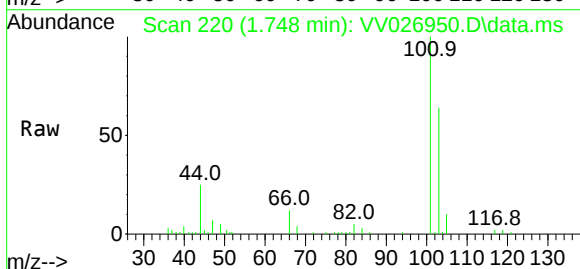
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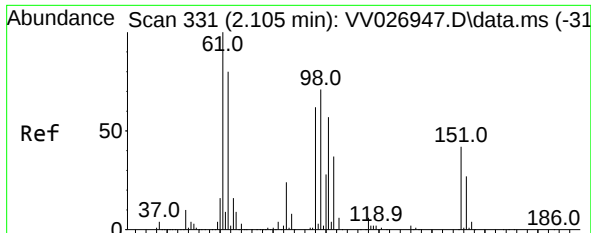
Reviewed By :Krupa Patel 07/27/2022
Supervised By :Mahesh Dadoda 07/27/2022



#9
Trichlorofluoromethane
Concen: 3.030 ug/L
RT: 1.748 min Scan# 220
Delta R.T. 0.013 min
Lab File: VV026950.D
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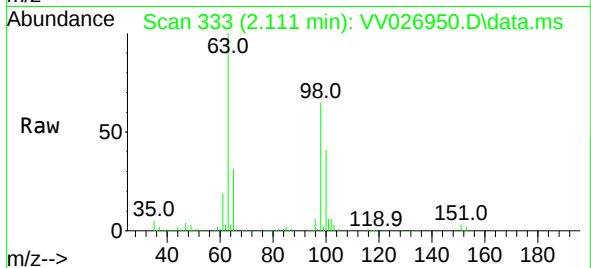
Tgt Ion:101 Resp: 17243
Ion Ratio Lower Upper
101 100
103 68.7 51.8 77.8





#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 3.922 ug/L
RT: 2.111 min Scan# 333
Delta R.T. 0.006 min
Lab File: VV026950.D
Acq: 26 Jul 2022 14:18

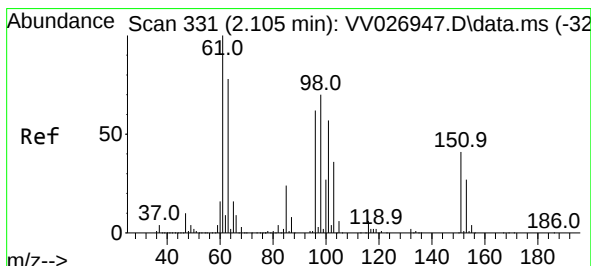
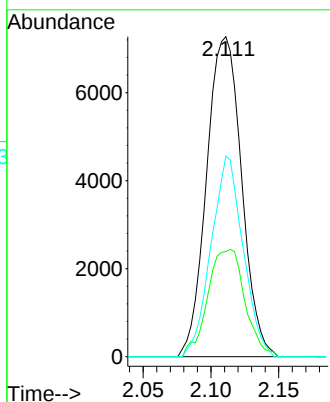
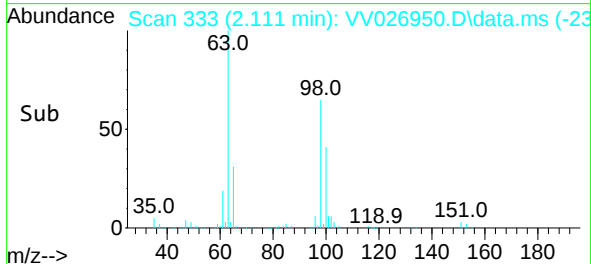
Instrument :
MSVOA_V
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Tgt Ion: 101 Resp: 1305
Ion Ratio Lower Upper
101 100
85 35.5 33.1 49.7
151 57.2 57.1 85.7

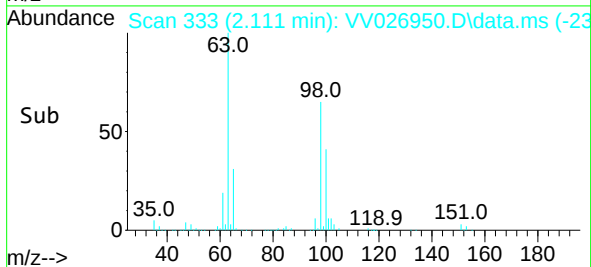
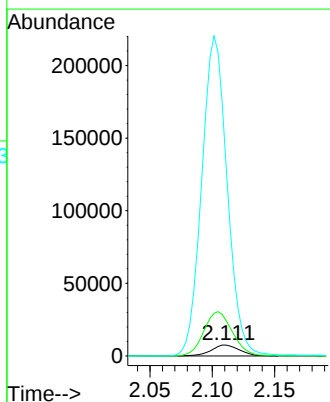
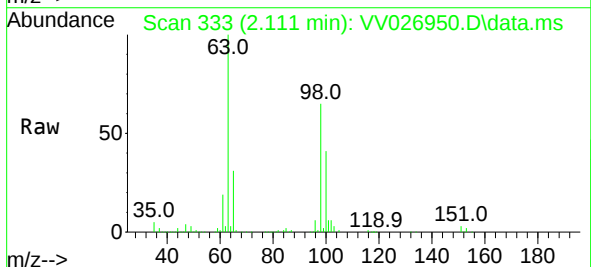
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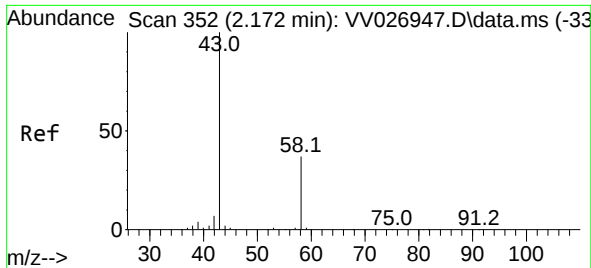
Reviewed By :Krupa Patel 07/27/2022
Supervised By :Mahesh Dadoda 07/27/2022



#12
1,1-Dichloroethene
Concen: 3.855 ug/L
RT: 2.111 min Scan# 333
Delta R.T. 0.006 min
Lab File: VV026950.D
Acq: 26 Jul 2022 14:18

Tgt Ion: 96 Resp: 11983
Ion Ratio Lower Upper
96 100
61 327.0 114.2 212.0#
63 1761.6 87.0 161.6#





#13

Acetone

Concen: 9.066 ug/L m

RT: 2.179 min Scan# 3

Delta R.T. 0.006 min

Lab File: VV026950.D

Acq: 26 Jul 2022 14:18

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT2-2022-04

Tgt Ion: 43 Resp: 1446

Ion Ratio Lower Upper

43 100

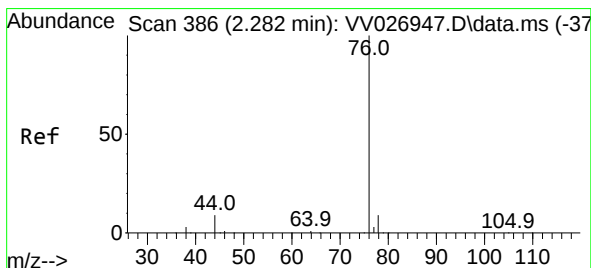
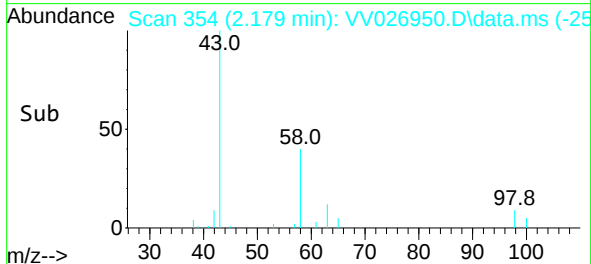
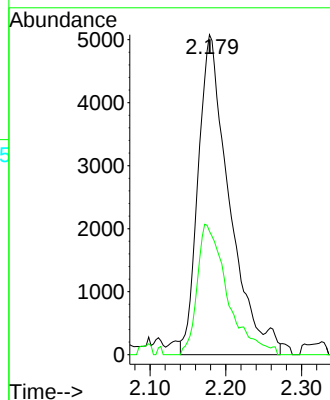
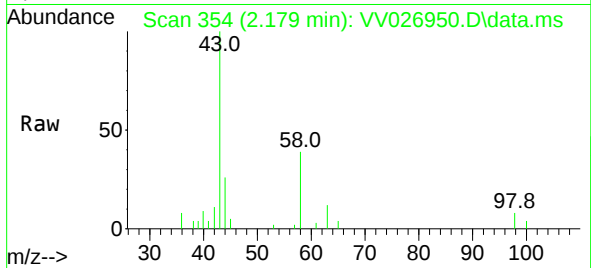
58 34.9 0.0 72.6

Manual Integrations

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#14

Carbon disulfide

Concen: 2.959 ug/L

RT: 2.288 min Scan# 388

Delta R.T. 0.006 min

Lab File: VV026950.D

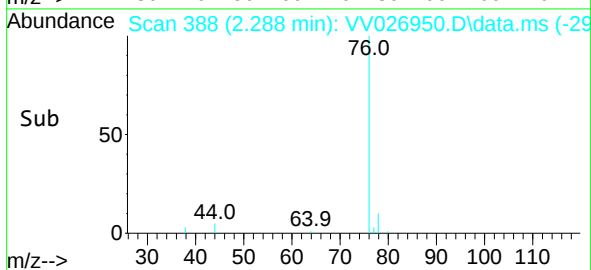
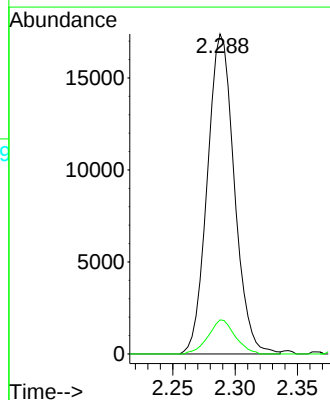
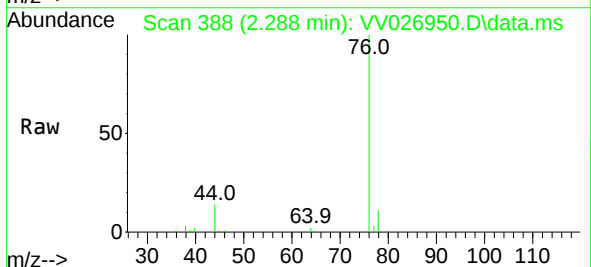
Acq: 26 Jul 2022 14:18

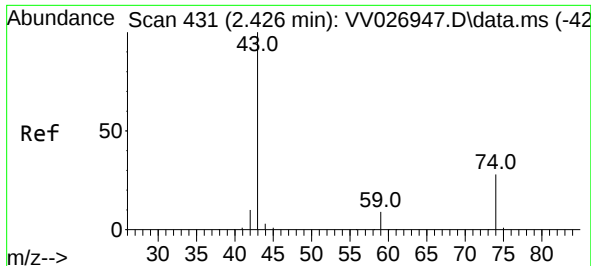
Tgt Ion: 76 Resp: 26241

Ion Ratio Lower Upper

76 100

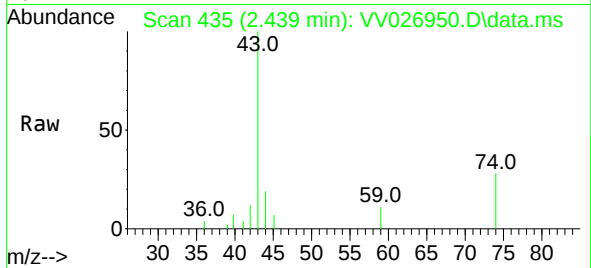
78 10.6 7.4 11.2





#15
Methyl Acetate
Concen: 3.060 ug/L
RT: 2.439 min Scan# 41
Delta R.T. 0.013 min
Lab File: VV026950.D
Acq: 26 Jul 2022 14:18

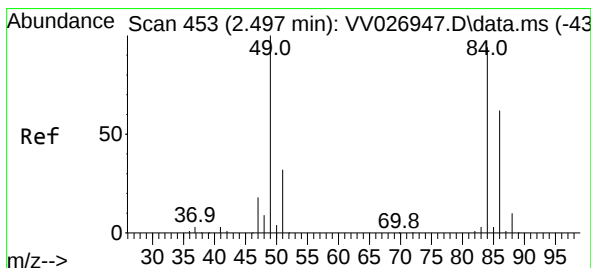
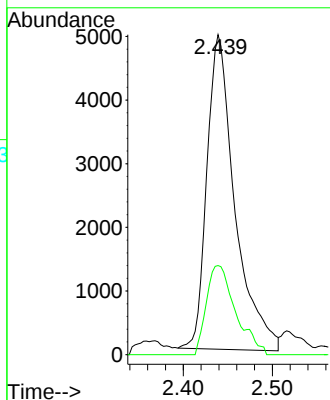
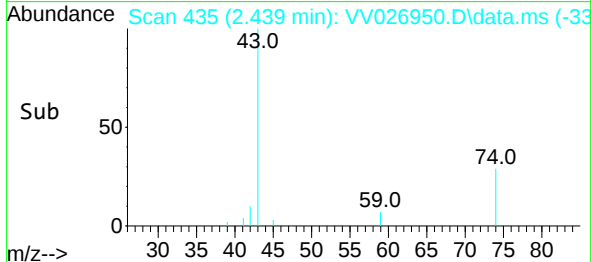
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2022-04



Tgt Ion: 43 Resp: 1077
Ion Ratio Lower Upper
43 100
74 26.5 22.1 33.1

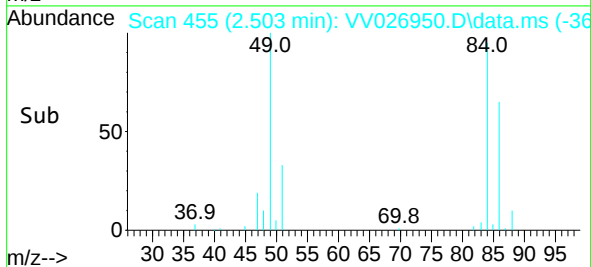
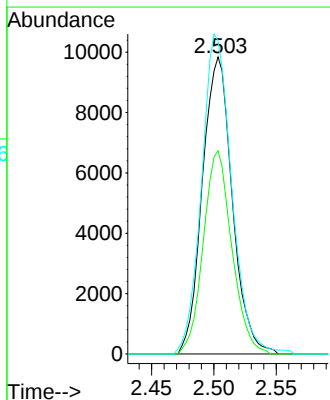
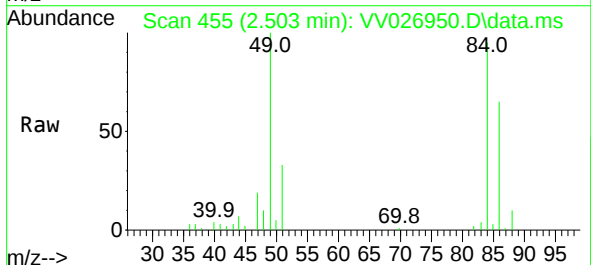
Manual Integrations
APPROVED

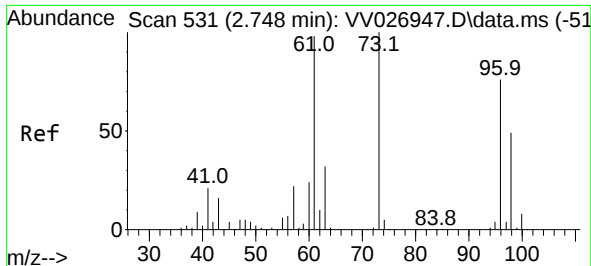
Reviewed By :Krupa Patel 07/27/2022
Supervised By :Mahesh Dadoda 07/27/2022



#16
Methylene chloride
Concen: 4.147 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.006 min
Lab File: VV026950.D
Acq: 26 Jul 2022 14:18

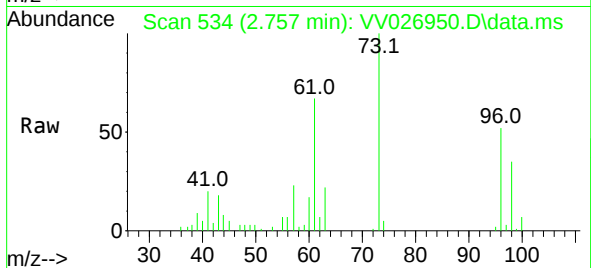
Tgt Ion: 84 Resp: 16434
Ion Ratio Lower Upper
84 100
86 68.5 44.5 82.7
49 105.5 75.0 139.2





#17
trans-1,2-Dichloroethene
Concen: 2.758 ug/L
RT: 2.757 min Scan# 511
Delta R.T. 0.009 min
Lab File: VV026950.D
Acq: 26 Jul 2022 14:18

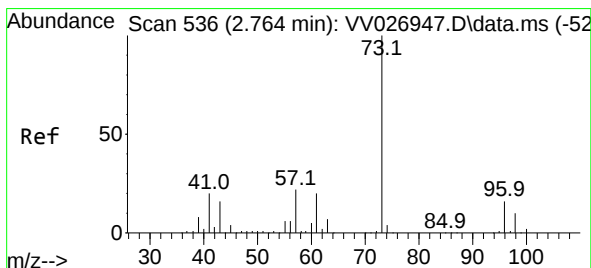
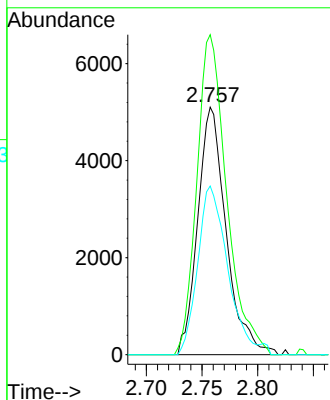
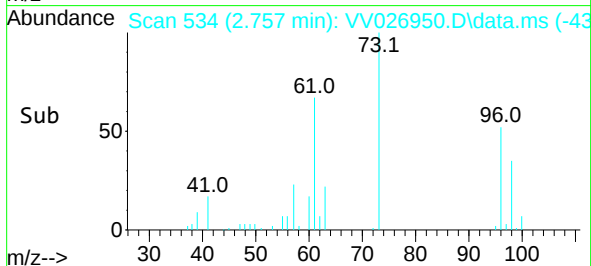
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2022-04



Tgt Ion: 96 Resp: 9060
Ion Ratio Lower Upper
96 100
61 129.3 89.2 165.6
98 68.1 44.7 82.9

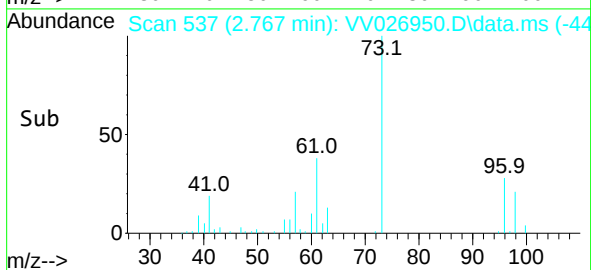
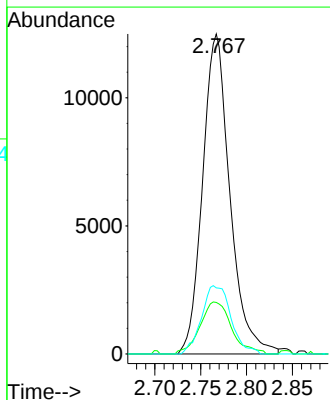
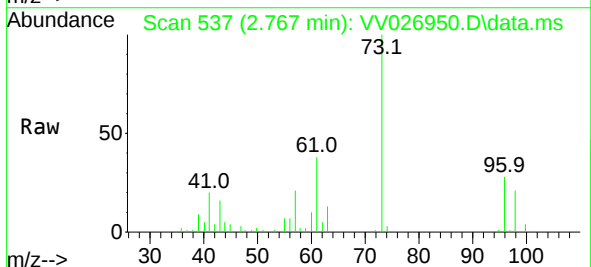
Manual Integrations
APPROVED

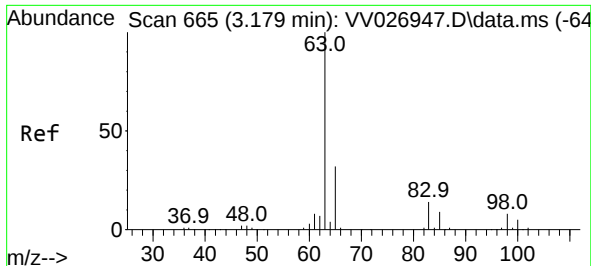
Reviewed By :Krupa Patel 07/27/2022
Supervised By :Mahesh Dadoda 07/27/2022



#18
Methyl tert-butyl Ether
Concen: 2.833 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.003 min
Lab File: VV026950.D
Acq: 26 Jul 2022 14:18

Tgt Ion: 73 Resp: 25846
Ion Ratio Lower Upper
73 100
43 18.8 12.8 19.2
57 14.1 17.3 25.9#





#19

1,1-Dichloroethane

Concen: 3.064 ug/L

RT: 3.185 min Scan# 60

Delta R.T. 0.006 min

Lab File: VV026950.D

Acq: 26 Jul 2022 14:18

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT2-2022-04

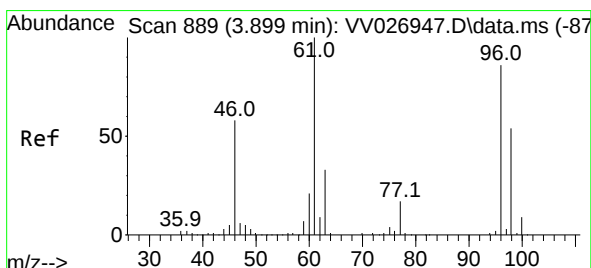
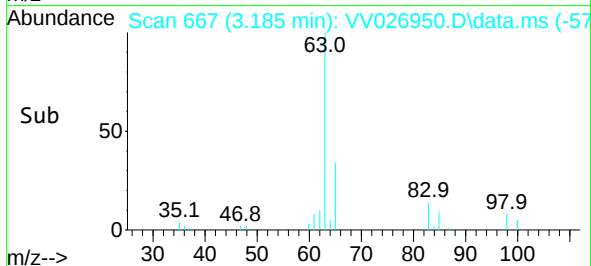
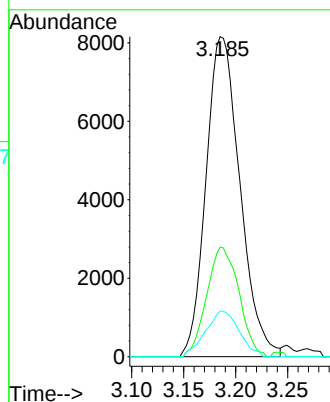
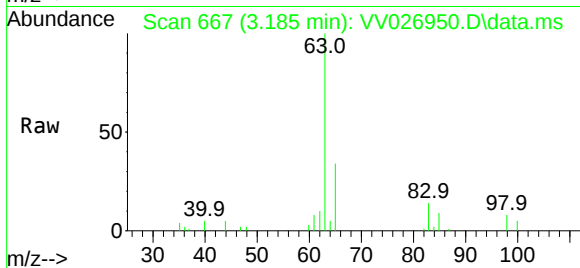
Tgt Ion: 63	Resp: 1853
Ion Ratio	Lower Upper
63 100	
65 34.2	22.6 42.0
83 14.2	9.4 17.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 07/27/2022

Supervised By :Mahesh Dadoda 07/27/2022



#20

cis-1,2-Dichloroethene

Concen: 3.102 ug/L

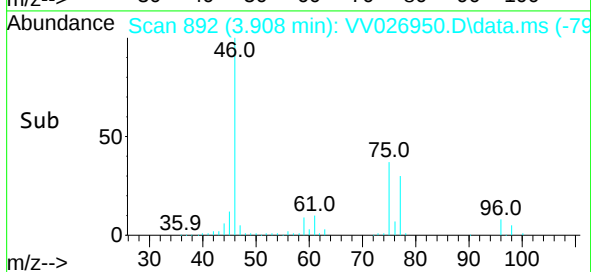
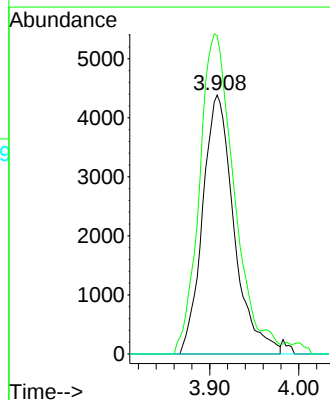
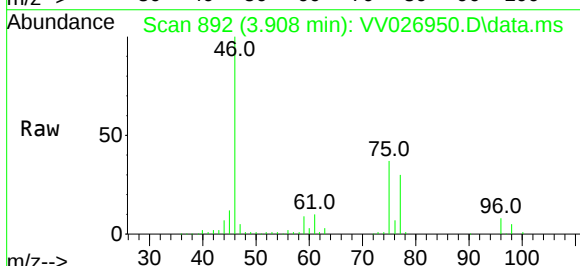
RT: 3.908 min Scan# 892

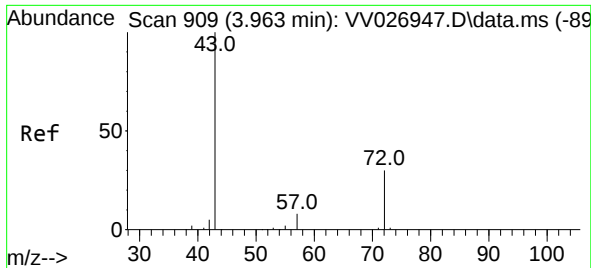
Delta R.T. 0.010 min

Lab File: VV026950.D

Acq: 26 Jul 2022 14:18

Tgt Ion: 96	Resp: 10738
Ion Ratio	Lower Upper
96 100	
61 122.9	83.0 154.1
68 0.0	0.0 0.0





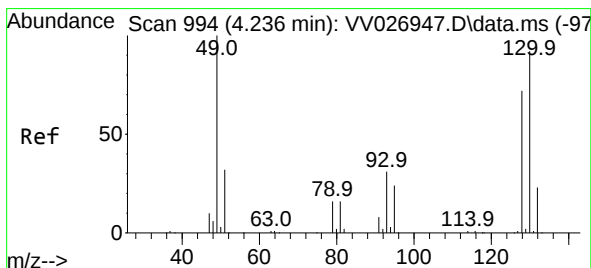
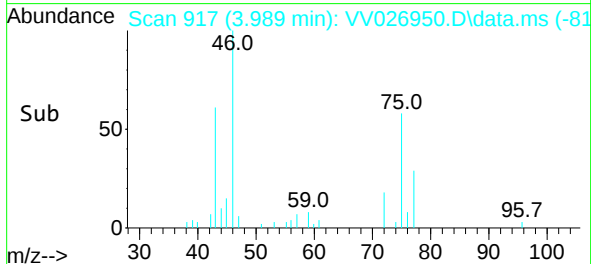
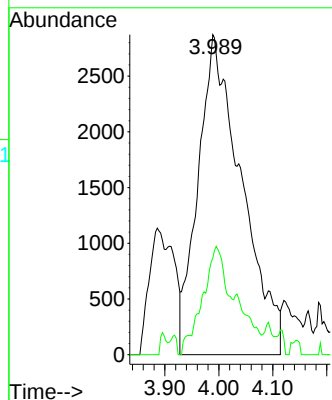
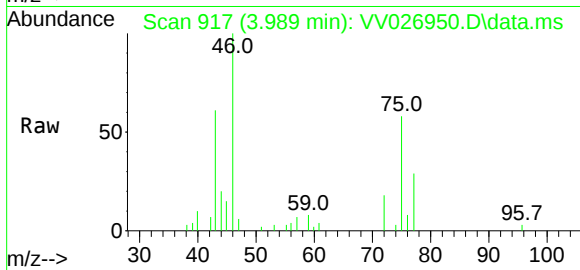
#22
2-Butanone
Concen: 7.383 ug/L m
RT: 3.989 min Scan# 917
Delta R.T. 0.026 min
Lab File: VV026950.D
Acq: 26 Jul 2022 14:18

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2022-04

Tgt Ion: 43 Resp: 16070
Ion Ratio Lower Upper
43 100
72 6.3 14.9 44.5

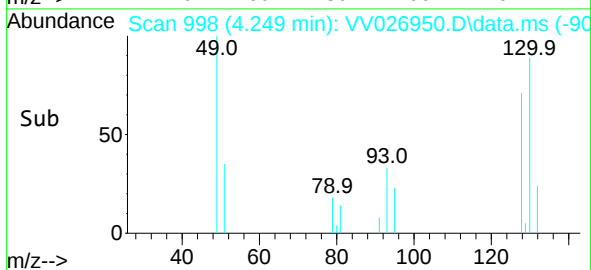
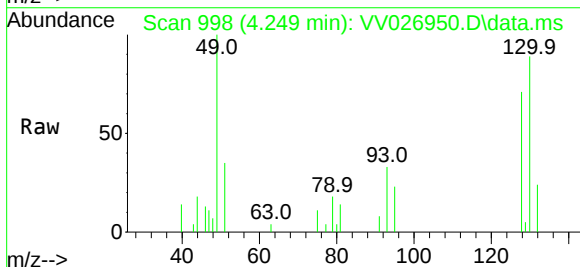
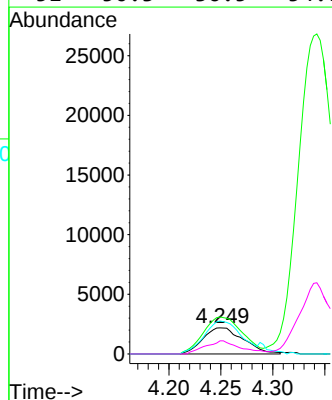
Manual Integrations
APPROVED

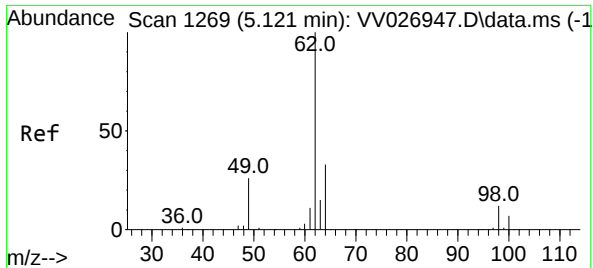
Reviewed By :Krupa Patel 07/27/2022
Supervised By :Mahesh Dadoda 07/27/2022



#23
Bromochloromethane
Concen: 2.995 ug/L
RT: 4.249 min Scan# 998
Delta R.T. 0.013 min
Lab File: VV026950.D
Acq: 26 Jul 2022 14:18

Tgt Ion:128 Resp: 5936
Ion Ratio Lower Upper
128 100
49 141.6 101.0 187.6
130 125.9 90.0 167.2
51 50.3 36.5 54.7





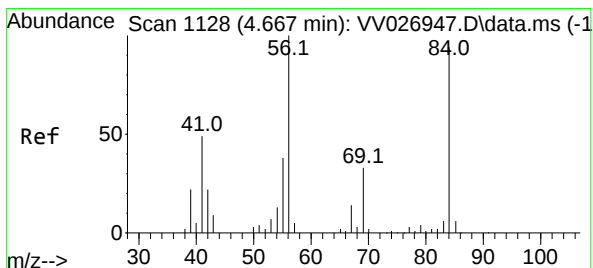
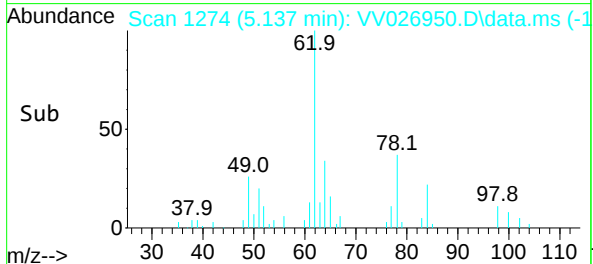
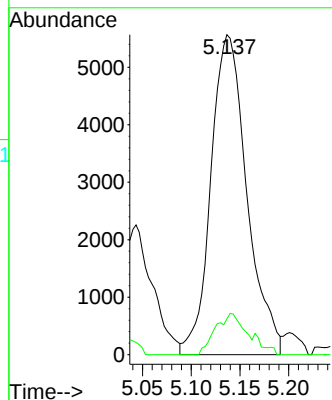
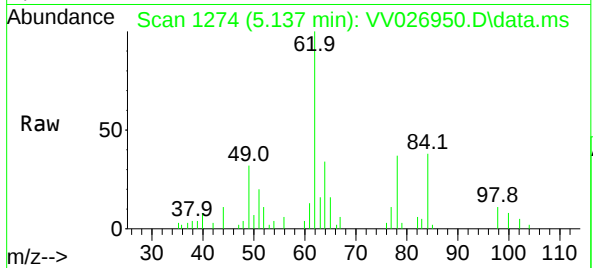
#27
1,2-Dichloroethane
Concen: 3.144 ug/L
RT: 5.137 min Scan# 1127
Delta R.T. 0.016 min
Lab File: VV026950.D
Acq: 26 Jul 2022 14:18

Instrument : MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2022-04

Tgt Ion: 62 Resp: 1431
Ion Ratio Lower Upper
62 100
98 11.2 8.9 13.3

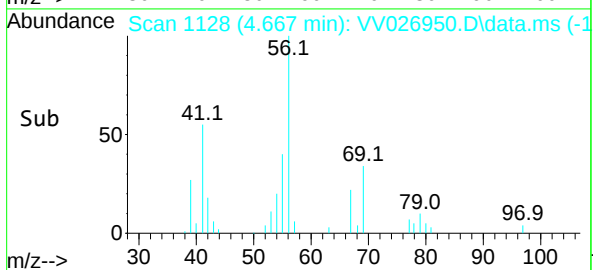
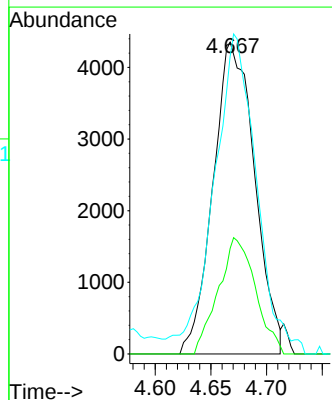
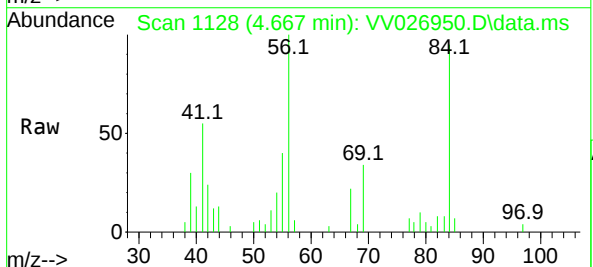
Manual Integrations
APPROVED

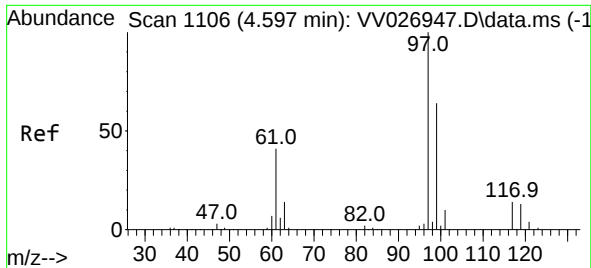
Reviewed By :Krupa Patel 07/27/2022
Supervised By :Mahesh Dadoda 07/27/2022



#29
Cyclohexane
Concen: 2.651 ug/L
RT: 4.667 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VV026950.D
Acq: 26 Jul 2022 14:18

Tgt Ion: 56 Resp: 11272
Ion Ratio Lower Upper
56 100
69 33.4 25.7 38.5
84 96.9 77.0 115.6





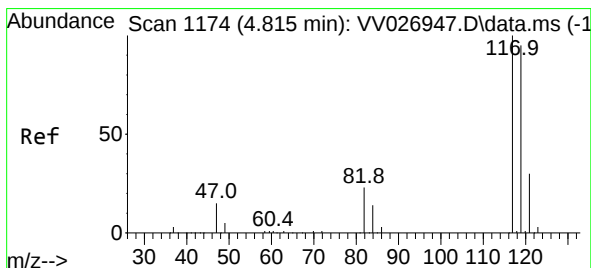
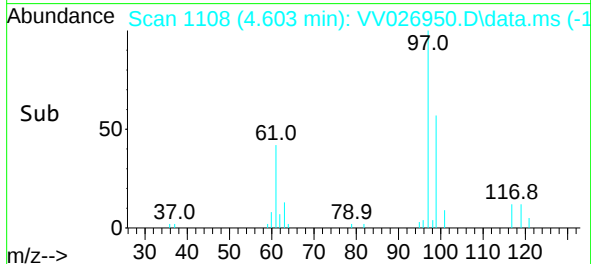
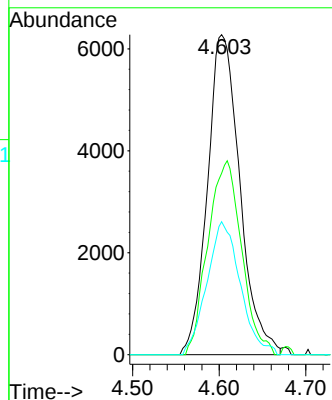
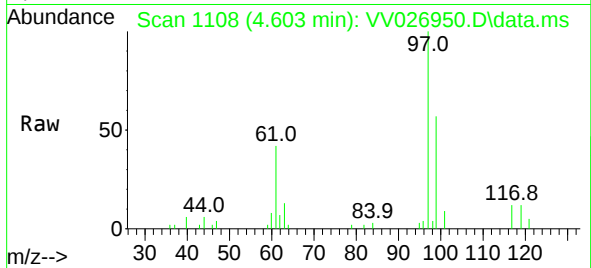
#30
1,1,1-Trichloroethane
Concen: 3.046 ug/L
RT: 4.603 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VV026950.D
Acq: 26 Jul 2022 14:18

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2022-04

Tgt Ion: 97 Resp: 1636
Ion Ratio Lower Upper
97 100
99 62.9 51.0 76.6
61 42.1 33.1 49.7

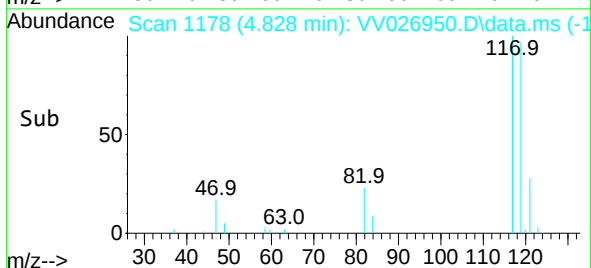
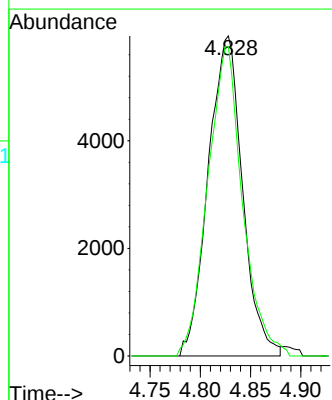
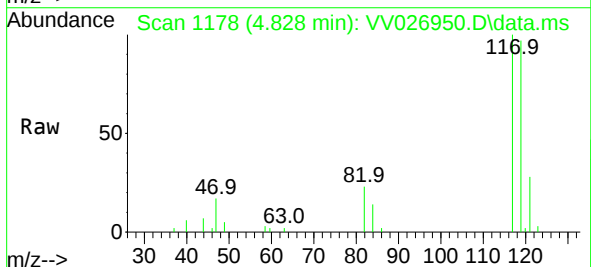
Manual Integrations
APPROVED

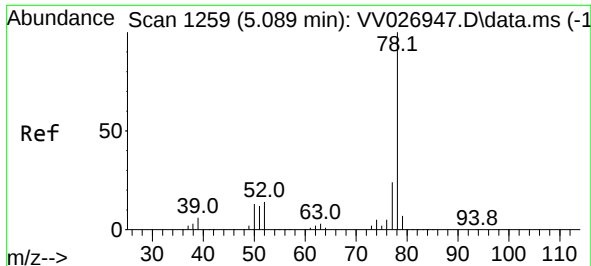
Reviewed By :Krupa Patel 07/27/2022
Supervised By :Mahesh Dadoda 07/27/2022



#31
Carbon tetrachloride
Concen: 2.994 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. 0.013 min
Lab File: VV026950.D
Acq: 26 Jul 2022 14:18

Tgt Ion:117 Resp: 14083
Ion Ratio Lower Upper
117 100
119 98.0 77.3 115.9





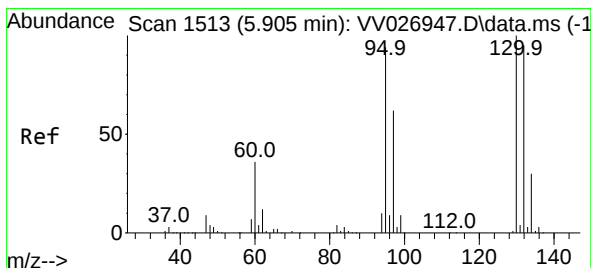
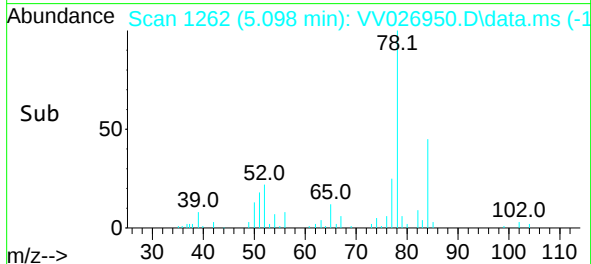
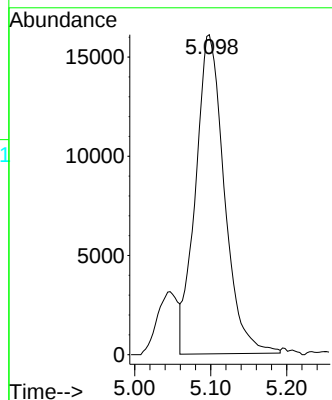
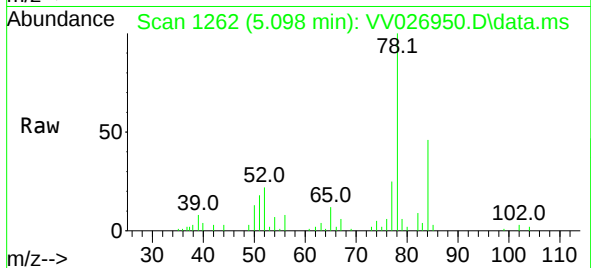
#33
Benzene
Concen: 3.233 ug/L
RT: 5.098 min Scan# 1517
Delta R.T. 0.010 min
Lab File: VV026950.D
Acq: 26 Jul 2022 14:18

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2022-04

Tgt Ion: 78 Resp: 42278

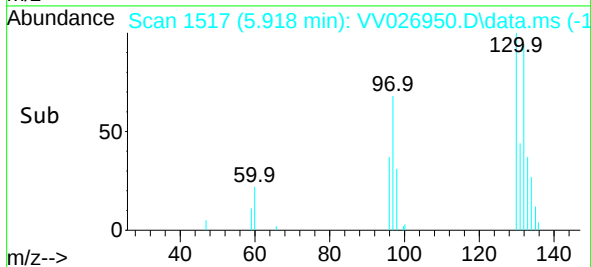
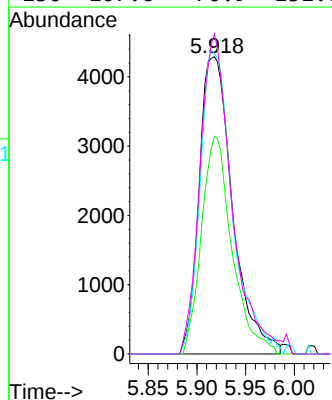
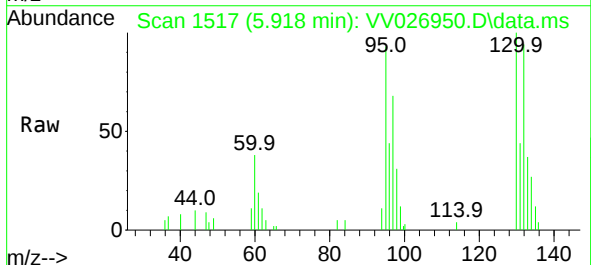
Manual Integrations
APPROVED

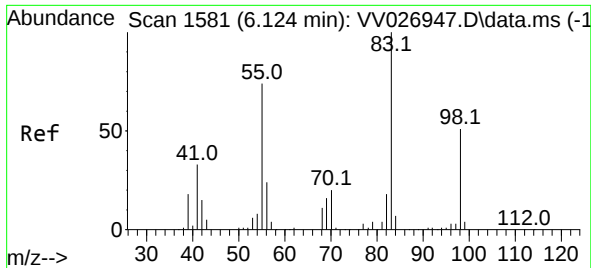
Reviewed By :Krupa Patel 07/27/2022
Supervised By :Mahesh Dadoda 07/27/2022



#34
Trichloroethene
Concen: 3.036 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.013 min
Lab File: VV026950.D
Acq: 26 Jul 2022 14:18

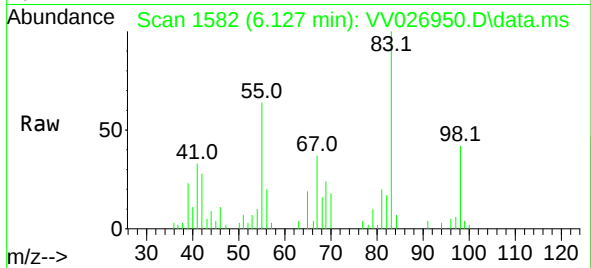
Tgt Ion: 95 Resp: 10202
Ion Ratio Lower Upper
95 100
97 73.2 45.9 85.3
132 101.1 68.1 126.5
130 107.6 70.9 131.7





#35
Methylcyclohexane
Concen: 2.472 ug/L
RT: 6.127 min Scan# 1581
Delta R.T. 0.003 min
Lab File: VV026950.D
Acq: 26 Jul 2022 14:18

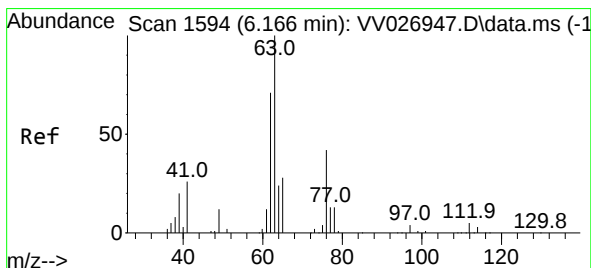
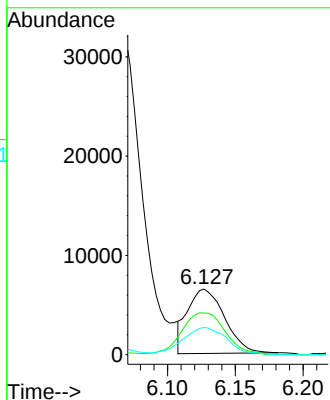
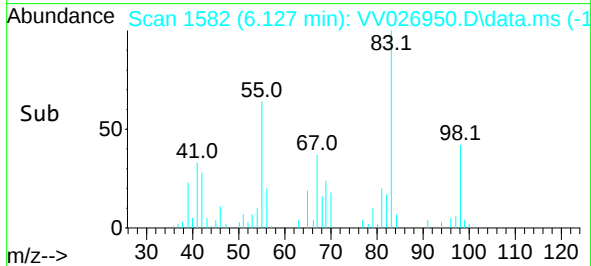
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2022-04



Tgt Ion: 83 Resp: 12298
Ion Ratio Lower Upper
83 100
55 76.8 57.4 86.2
98 50.5 39.4 59.0

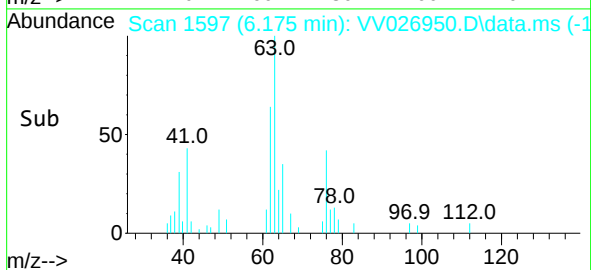
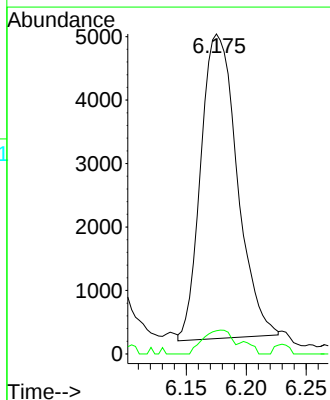
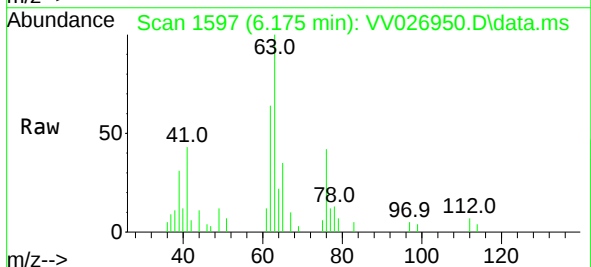
Manual Integrations
APPROVED

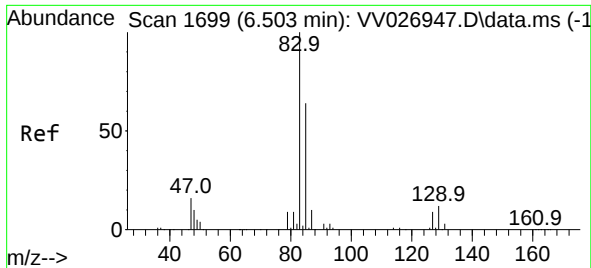
Reviewed By :Krupa Patel 07/27/2022
Supervised By :Mahesh Dadoda 07/27/2022



#37
1,2-Dichloropropane
Concen: 2.976 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. 0.009 min
Lab File: VV026950.D
Acq: 26 Jul 2022 14:18

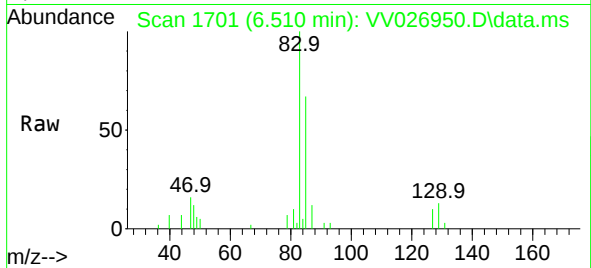
Tgt Ion: 63 Resp: 10128
Ion Ratio Lower Upper
63 100
112 6.2 3.8 5.8#





#38
Bromodichloromethane
Concen: 2.997 ug/L
RT: 6.510 min Scan# 1699
Delta R.T. 0.006 min
Lab File: VV026950.D
Acq: 26 Jul 2022 14:18

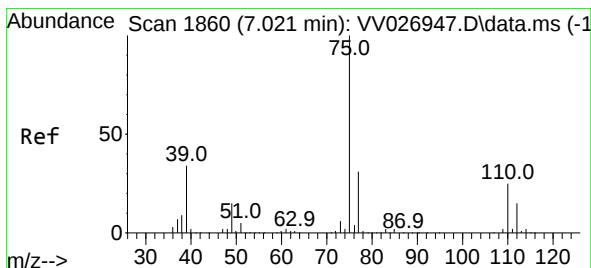
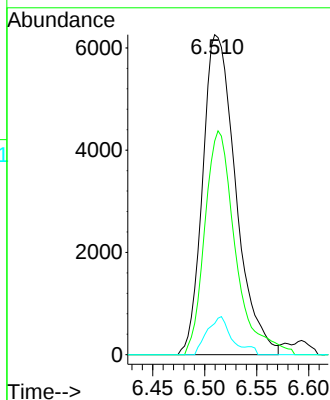
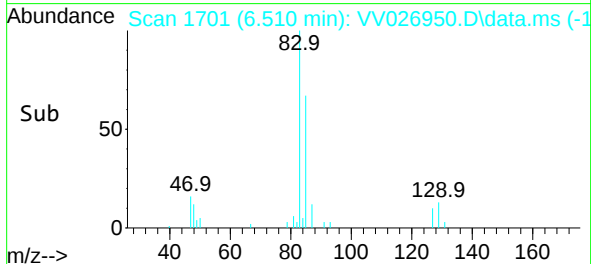
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2022-04



Tgt Ion: 83 Resp: 1382
Ion Ratio Lower Upper
83 100
85 66.8 45.1 83.9
127 9.8 6.9 10.3

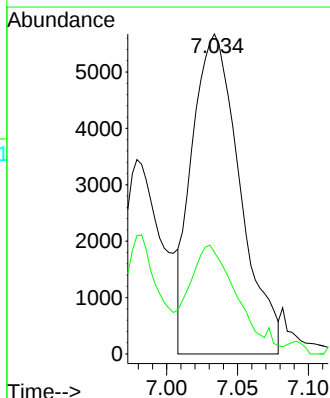
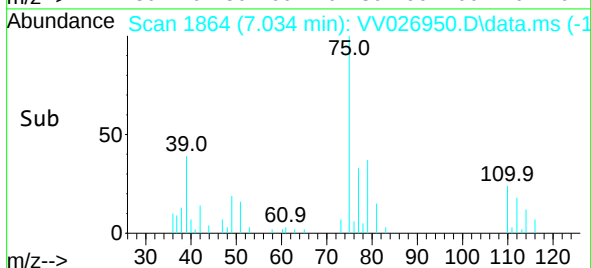
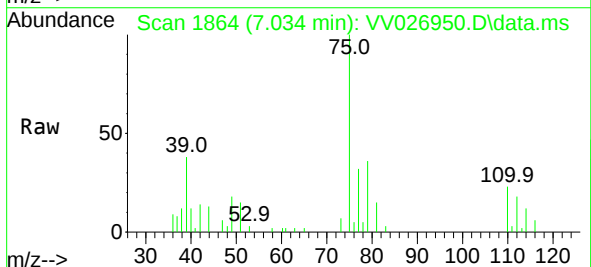
Manual Integrations
APPROVED

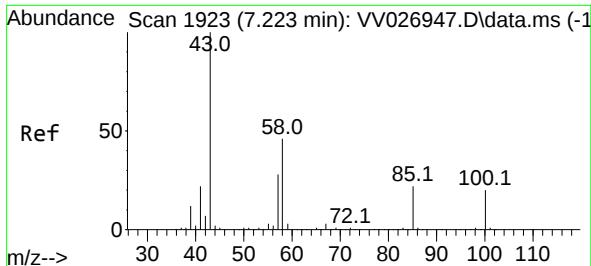
Reviewed By :Krupa Patel 07/27/2022
Supervised By :Mahesh Dadoda 07/27/2022



#39
cis-1,3-Dichloropropene
Concen: 2.821 ug/L
RT: 7.034 min Scan# 1864
Delta R.T. 0.013 min
Lab File: VV026950.D
Acq: 26 Jul 2022 14:18

Tgt Ion: 75 Resp: 13325
Ion Ratio Lower Upper
75 100
77 31.8 22.4 41.6





#40

4-Methyl-2-pentanone

Concen: 5.006 ug/L

RT: 7.233 min Scan# 1923

Delta R.T. 0.010 min

Lab File: VV026950.D

Acq: 26 Jul 2022 14:18

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT2-2022-04

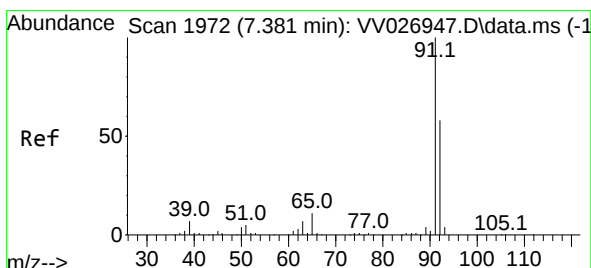
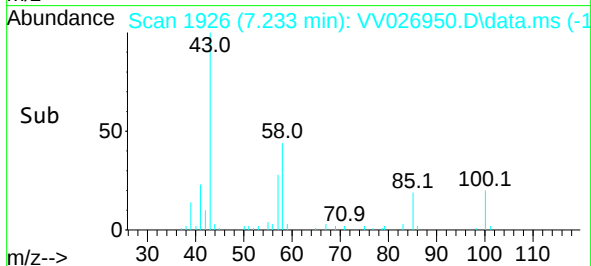
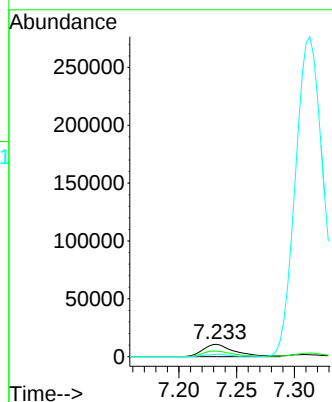
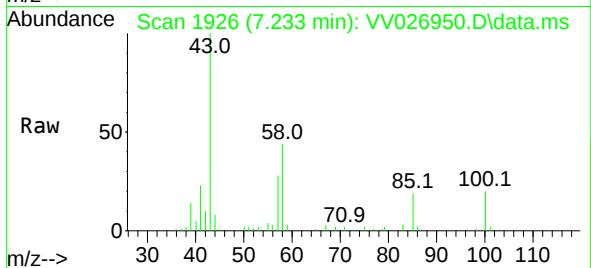
Tgt Ion: 43	Resp: 20278
Ion Ratio	Lower Upper
43 100	
58 43.9	35.0 52.6
100 17.5	15.4 23.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 07/27/2022

Supervised By :Mahesh Dadoda 07/27/2022



#42

Toluene

Concen: 3.047 ug/L

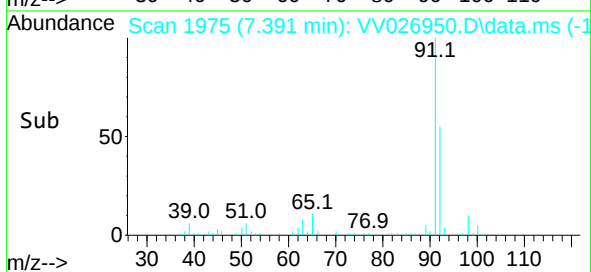
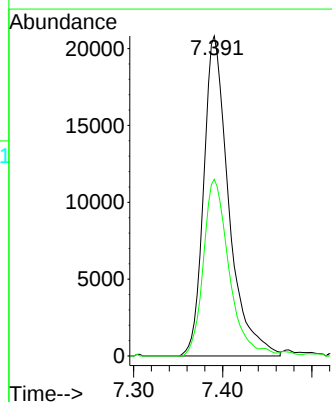
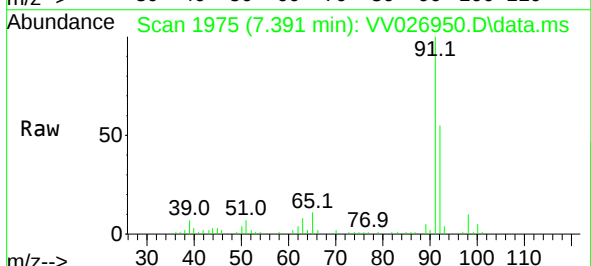
RT: 7.391 min Scan# 1975

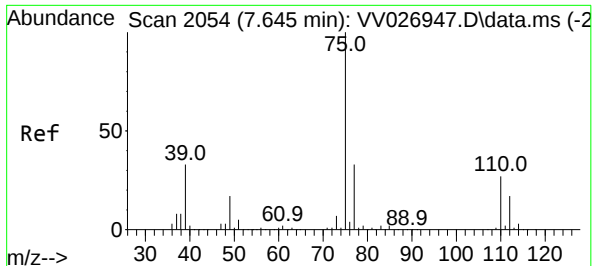
Delta R.T. 0.010 min

Lab File: VV026950.D

Acq: 26 Jul 2022 14:18

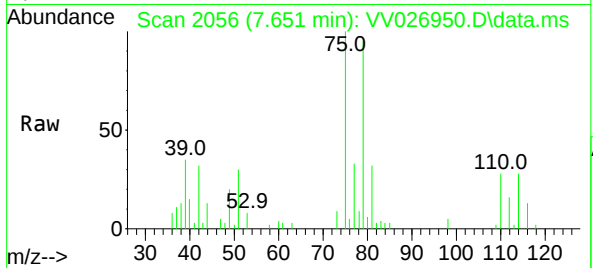
Tgt Ion: 91	Resp: 40677
Ion Ratio	Lower Upper
91 100	
92 55.2	40.5 75.1





#44
trans-1,3-Dichloropropene
Concen: 2.843 ug/L m
RT: 7.651 min Scan# 2054
Delta R.T. 0.006 min
Lab File: VV026950.D
Acq: 26 Jul 2022 14:18

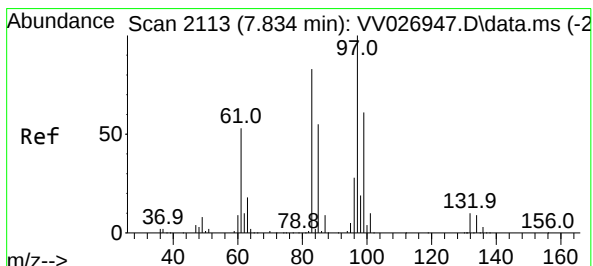
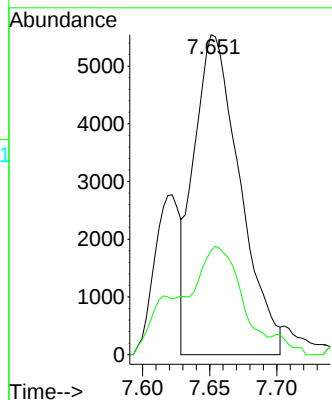
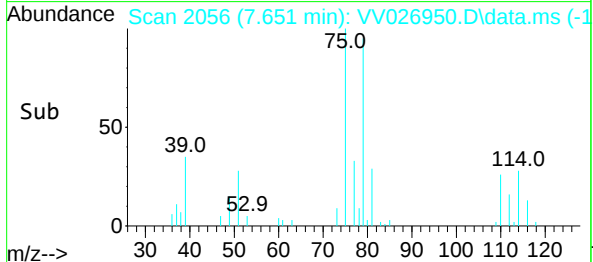
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2022-04



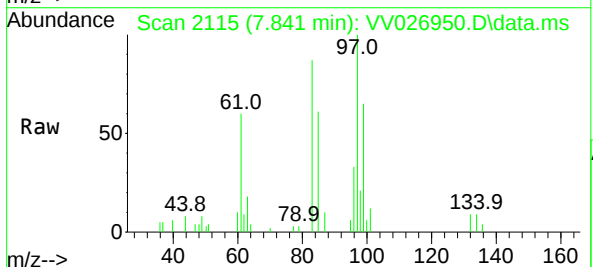
Tgt Ion: 75 Resp: 1324
Ion Ratio Lower Upper
75 100
77 32.5 21.3 39.6

Manual Integrations
APPROVED

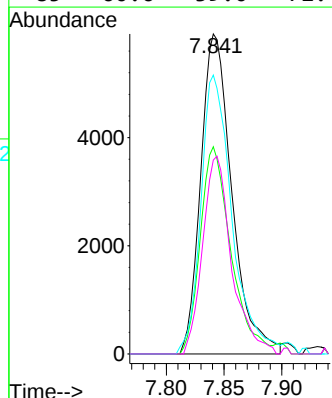
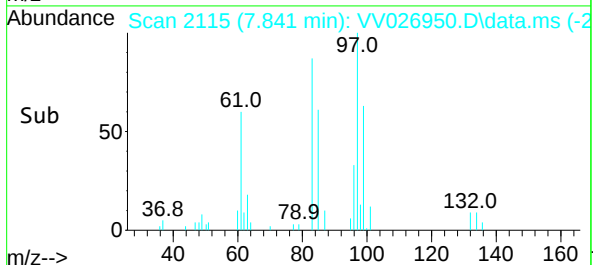
Reviewed By :Krupa Patel 07/27/2022
Supervised By :Mahesh Dadoda 07/27/2022

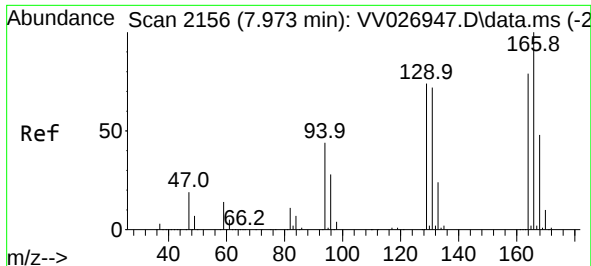


#45
1,1,2-Trichloroethane
Concen: 3.067 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.006 min
Lab File: VV026950.D
Acq: 26 Jul 2022 14:18



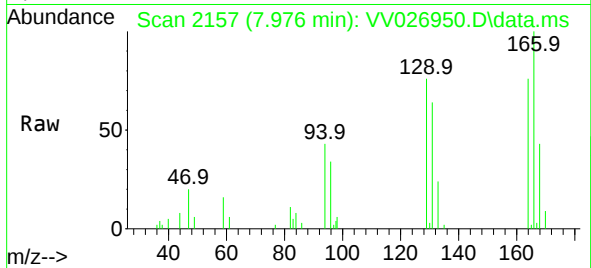
Tgt Ion: 97 Resp: 11117
Ion Ratio Lower Upper
97 100
99 64.8 44.0 81.8
83 87.2 59.9 111.3
85 60.6 39.0 72.4





#46
Tetrachloroethene
Concen: 2.978 ug/L
RT: 7.976 min Scan# 2156
Delta R.T. 0.003 min
Lab File: VV026950.D
Acq: 26 Jul 2022 14:18

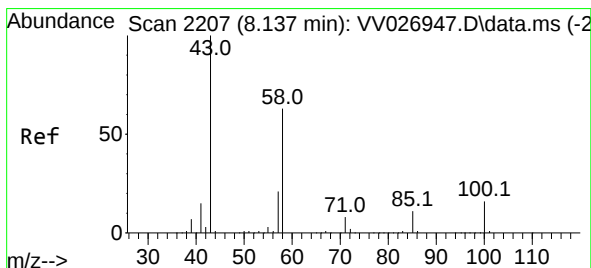
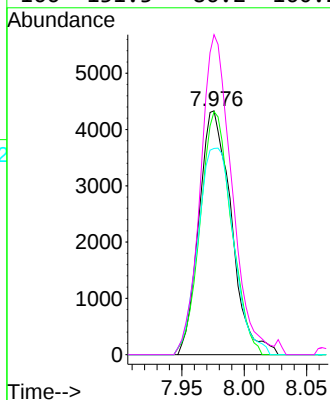
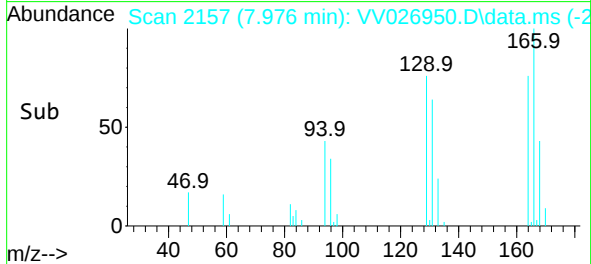
Instrument : MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2022-04



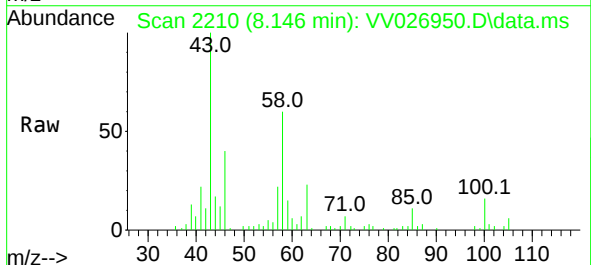
Tgt Ion:164 Resp: 780
Ion Ratio Lower Upper
164 100
129 99.7 66.3 123.1
131 84.6 63.1 117.3
166 131.3 86.2 160.2

Manual Integrations
APPROVED

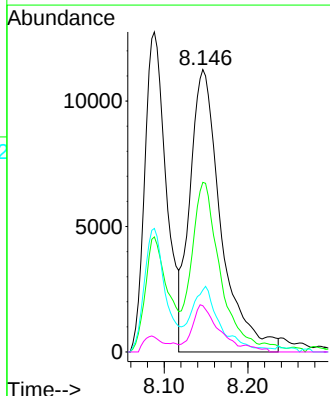
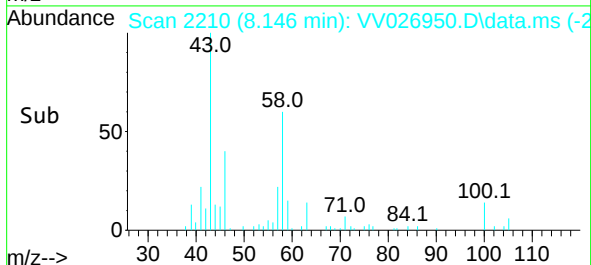
Reviewed By :Krupa Patel 07/27/2022
Supervised By :Mahesh Dadoda 07/27/2022

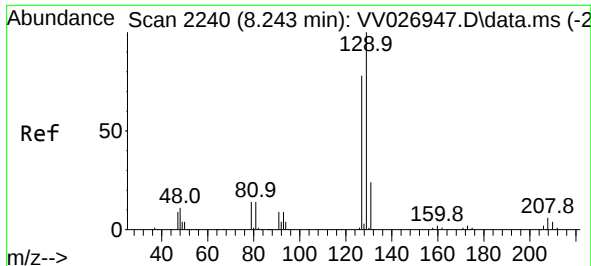


#48
2-Hexanone
Concen: 9.252 ug/L m
RT: 8.146 min Scan# 2210
Delta R.T. 0.009 min
Lab File: VV026950.D
Acq: 26 Jul 2022 14:18



Tgt Ion: 43 Resp: 29168
Ion Ratio Lower Upper
43 100
58 50.2 48.8 73.2
57 12.6 16.6 24.8#
100 13.9 11.6 17.4





#49

Dibromochloromethane

Concen: 2.970 ug/L

RT: 8.246 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV026950.D

Acq: 26 Jul 2022 14:18

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT2-2022-04

Tgt Ion:129 Resp: 11250

Ion Ratio Lower Upper

129 100

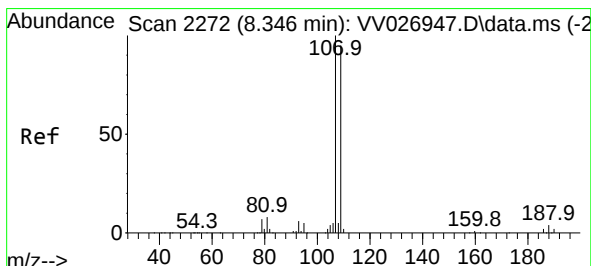
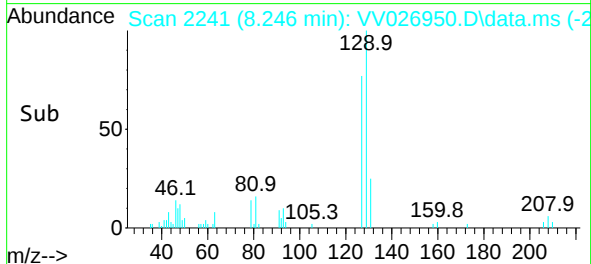
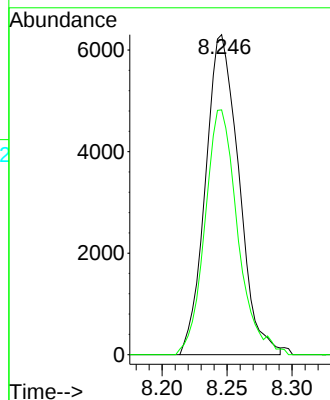
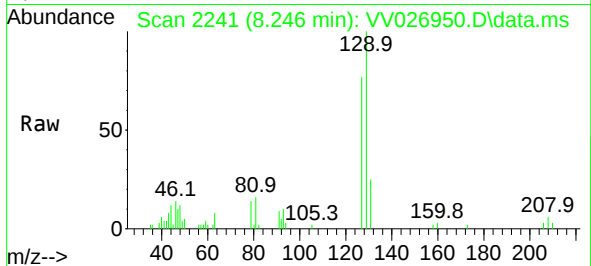
127 76.5 53.7 99.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 07/27/2022

Supervised By :Mahesh Dadoda 07/27/2022



#50

1,2-Dibromoethane

Concen: 2.919 ug/L

RT: 8.355 min Scan# 2275

Delta R.T. 0.010 min

Lab File: VV026950.D

Acq: 26 Jul 2022 14:18

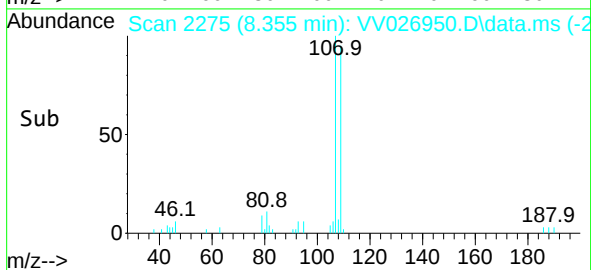
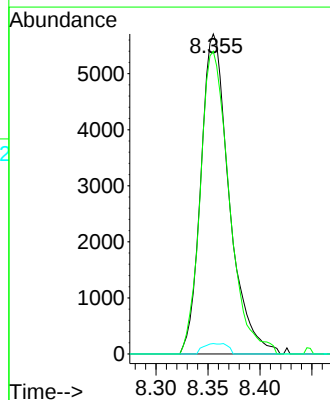
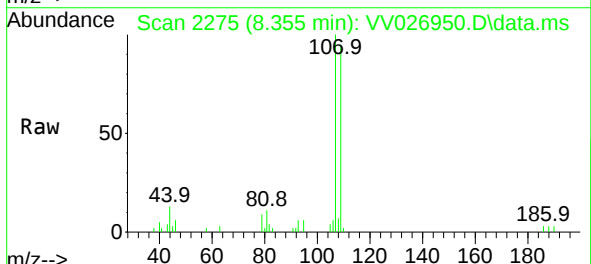
Tgt Ion:107 Resp: 10825

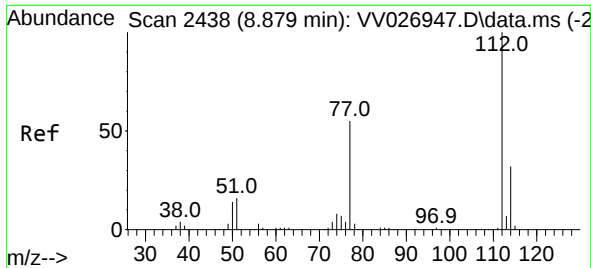
Ion Ratio Lower Upper

107 100

109 94.6 64.9 120.5

188 3.3 2.6 3.8





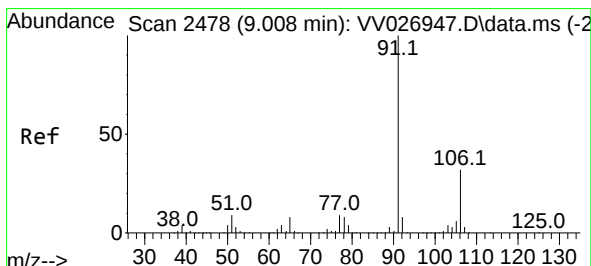
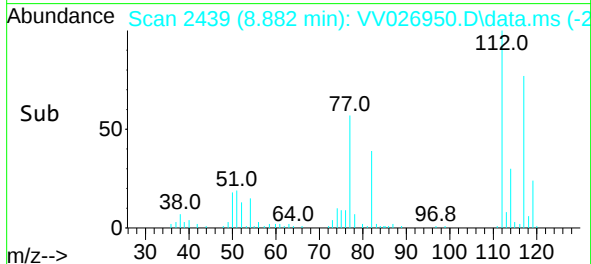
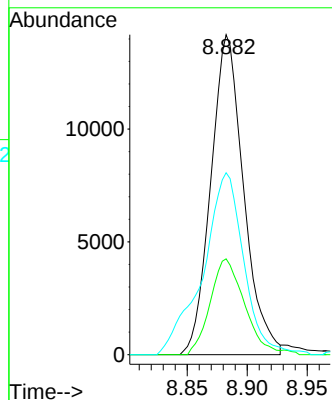
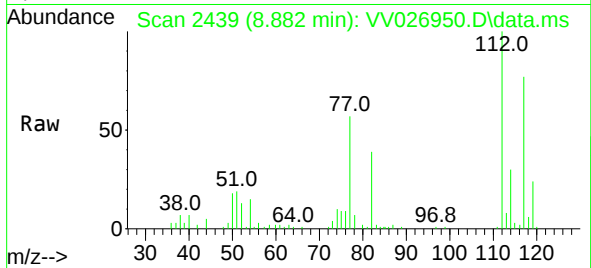
#51
Chlorobenzene
Concen: 2.893 ug/L
RT: 8.882 min Scan# 2438
Delta R.T. 0.003 min
Lab File: VV026950.D
Acq: 26 Jul 2022 14:18

Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT2-2022-04

Tgt Ion:112 Resp: 26920
Ion Ratio Lower Upper
112 100
114 29.9 22.7 42.1
77 56.9 44.4 66.6

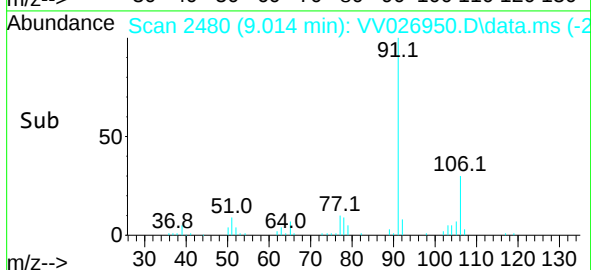
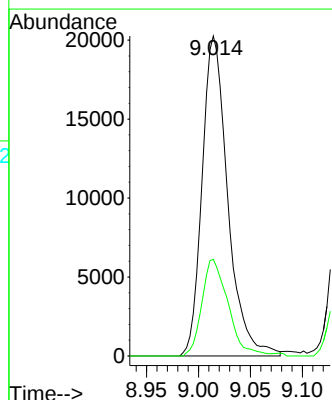
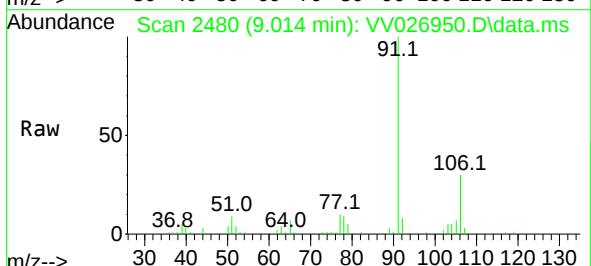
Manual Integrations
APPROVED

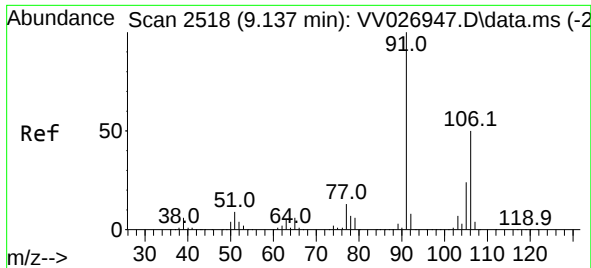
Reviewed By :Krupa Patel 07/27/2022
Supervised By :Mahesh Dadoda 07/27/2022



#52
Ethylbenzene
Concen: 2.513 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.006 min
Lab File: VV026950.D
Acq: 26 Jul 2022 14:18

Tgt Ion: 91 Resp: 34813
Ion Ratio Lower Upper
91 100
106 30.2 22.0 40.8





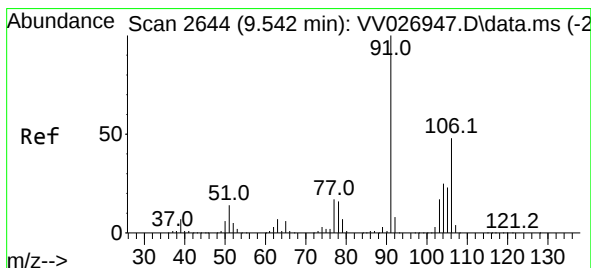
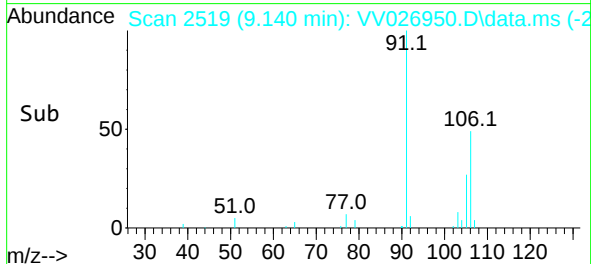
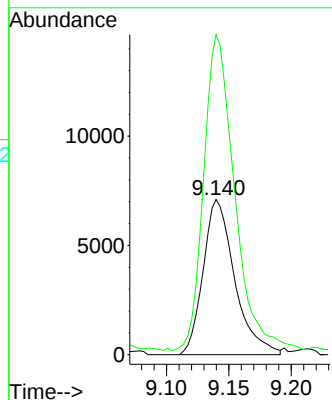
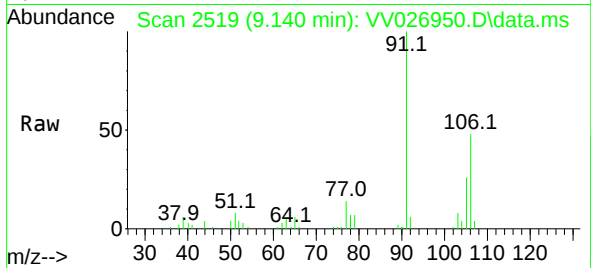
#53
m,p-Xylene
Concen: 2.302 ug/L
RT: 9.140 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV026950.D
Acq: 26 Jul 2022 14:18

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2022-04

Tgt Ion:106 Resp: 1249
Ion Ratio Lower Upper
106 100
91 206.3 140.0 260.0

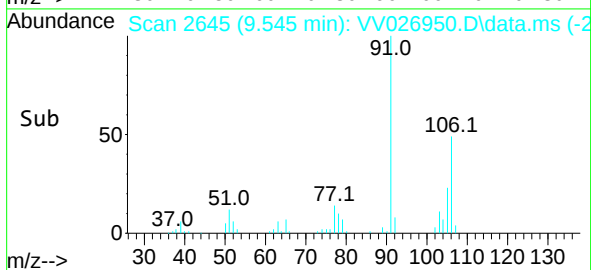
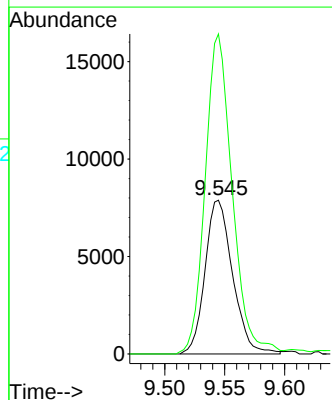
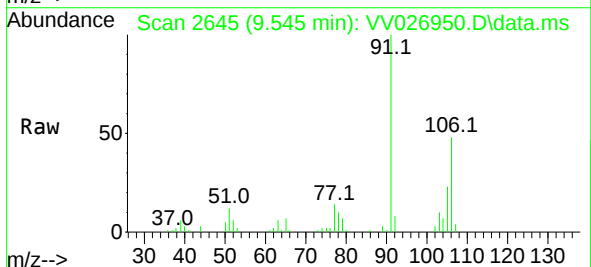
Manual Integrations
APPROVED

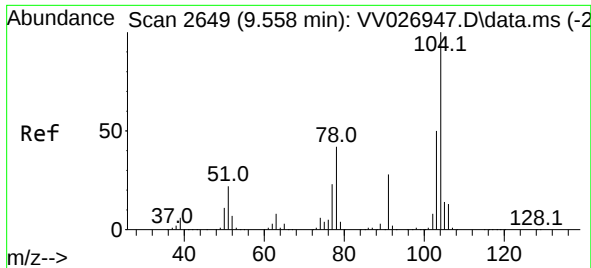
Reviewed By :Krupa Patel 07/27/2022
Supervised By :Mahesh Dadoda 07/27/2022



#54
o-Xylene
Concen: 2.416 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV026950.D
Acq: 26 Jul 2022 14:18

Tgt Ion:106 Resp: 12626
Ion Ratio Lower Upper
106 100
91 208.1 146.1 271.3





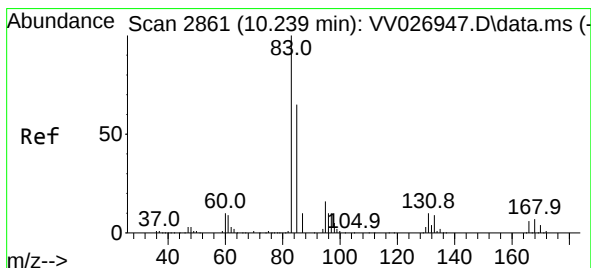
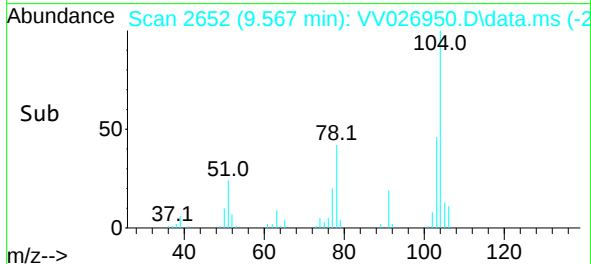
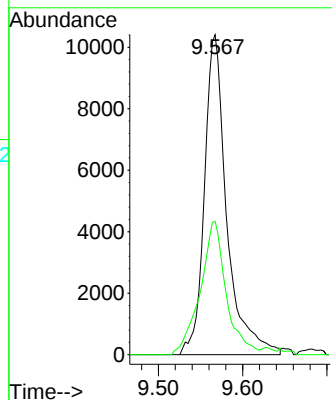
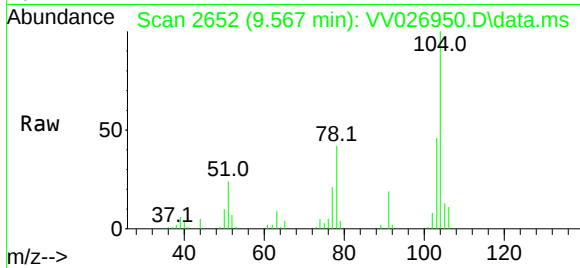
#55
Styrene
Concen: 2.082 ug/L
RT: 9.567 min Scan# 2652
Delta R.T. 0.009 min
Lab File: VV026950.D
Acq: 26 Jul 2022 14:18

Instrument : MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2022-04

Tgt Ion:104 Resp: 19214
Ion Ratio Lower Upper
104 100
78 41.7 29.6 55.0

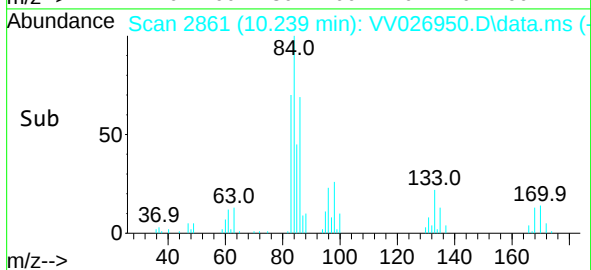
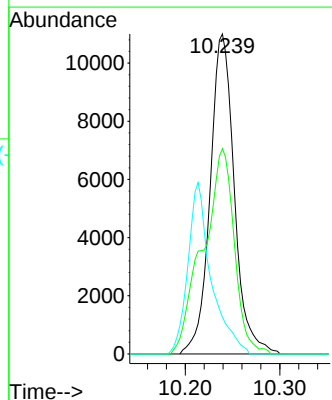
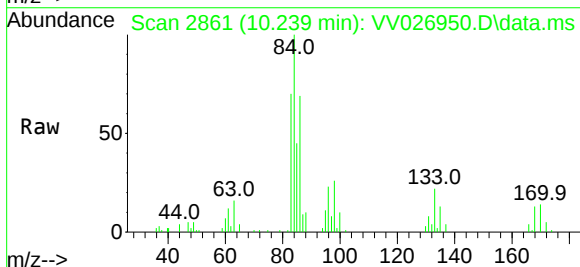
Manual Integrations
APPROVED

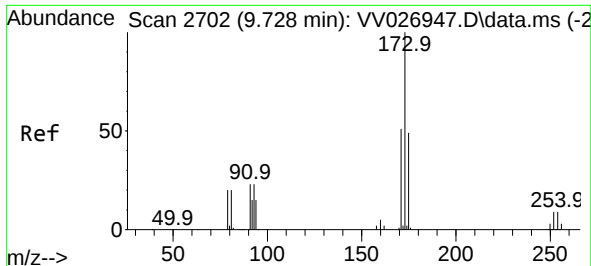
Reviewed By :Krupa Patel 07/27/2022
Supervised By :Mahesh Dadoda 07/27/2022



#57
1,1,2,2-Tetrachloroethane
Concen: 3.344 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. -0.000 min
Lab File: VV026950.D
Acq: 26 Jul 2022 14:18

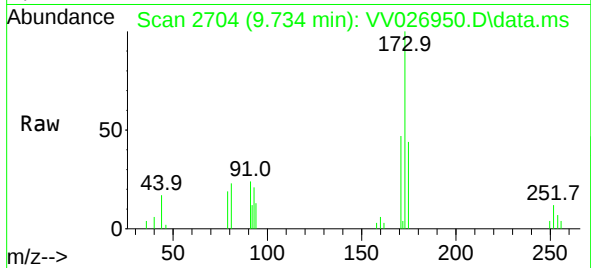
Tgt Ion: 83 Resp: 19567
Ion Ratio Lower Upper
83 100
85 64.1 45.3 84.1
131 11.5 7.8 11.6





#59
Bromoform
Concen: 3.653 ug/L
RT: 9.734 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV026950.D
Acq: 26 Jul 2022 14:18

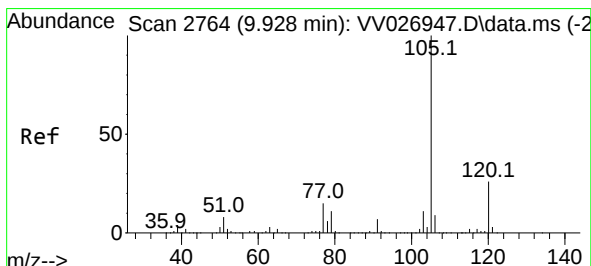
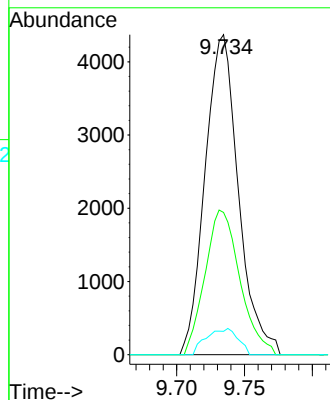
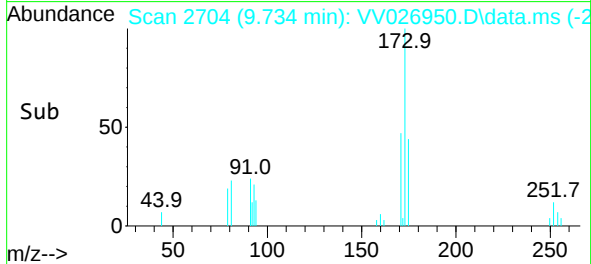
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2022-04



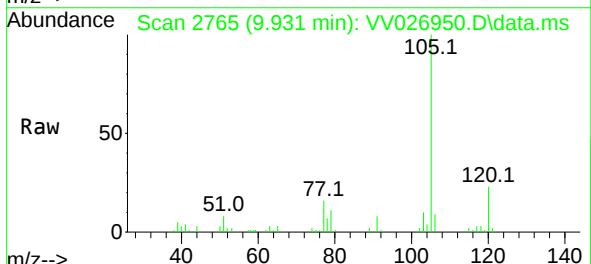
Tgt Ion:173 Resp: 7478
Ion Ratio Lower Upper
173 100
175 47.2 38.6 57.8
254 4.6 6.6 10.0

Manual Integrations
APPROVED

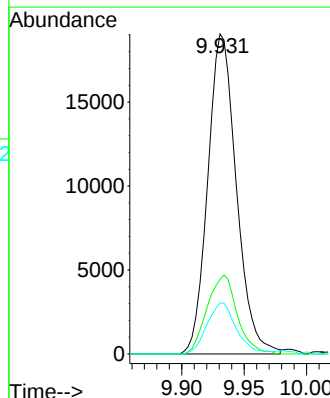
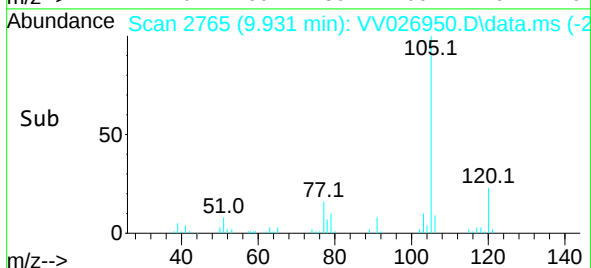
Reviewed By :Krupa Patel 07/27/2022
Supervised By :Mahesh Dadoda 07/27/2022

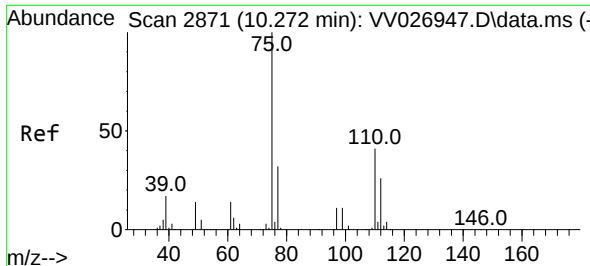


#60
Isopropylbenzene
Concen: 2.813 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.003 min
Lab File: VV026950.D
Acq: 26 Jul 2022 14:18



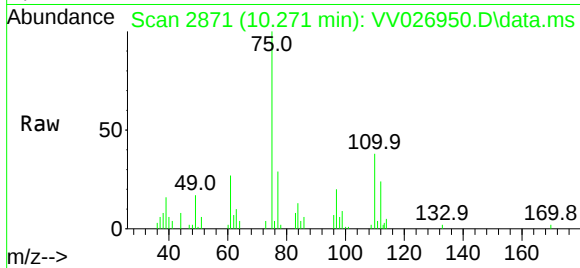
Tgt Ion:105 Resp: 30461
Ion Ratio Lower Upper
105 100
120 25.9 21.1 31.7
77 16.4 11.9 17.9





#61
1,2,3-Trichloropropane
Concen: 3.728 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV026950.D
Acq: 26 Jul 2022 14:18

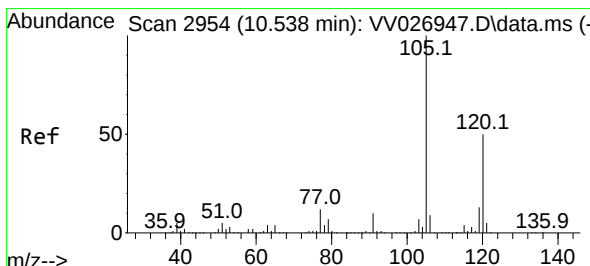
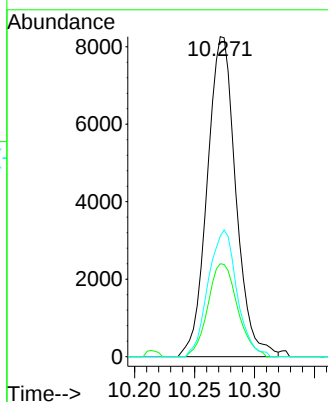
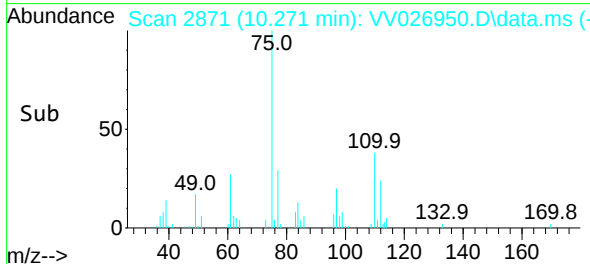
Instrument : MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2022-04



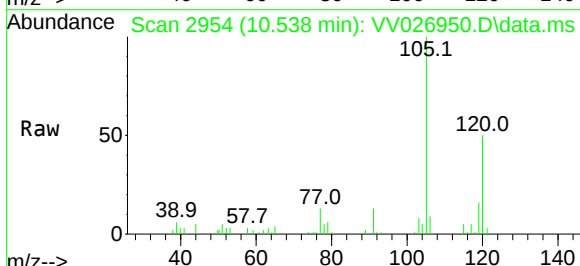
Tgt Ion: 75 Resp: 1370
Ion Ratio Lower Upper
75 100
77 29.9 25.6 38.4
110 39.4 31.7 47.5

Manual Integrations
APPROVED

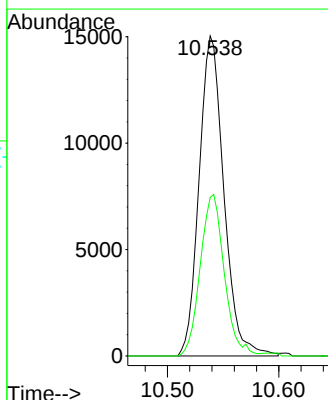
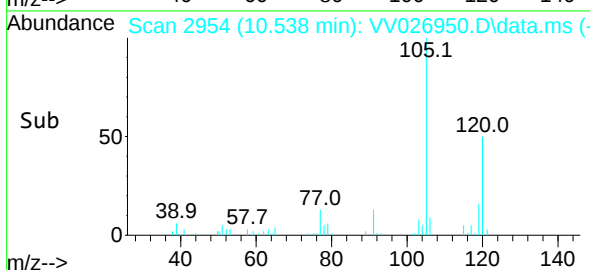
Reviewed By :Krupa Patel 07/27/2022
Supervised By :Mahesh Dadoda 07/27/2022

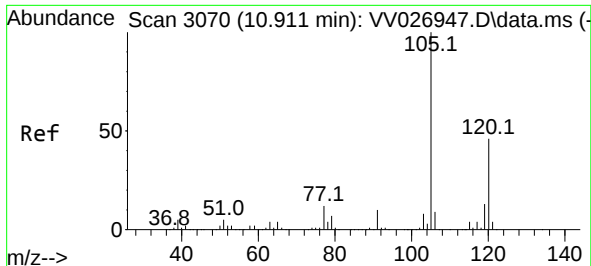


#62
1,3,5-Trimethylbenzene
Concen: 2.641 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. -0.000 min
Lab File: VV026950.D
Acq: 26 Jul 2022 14:18



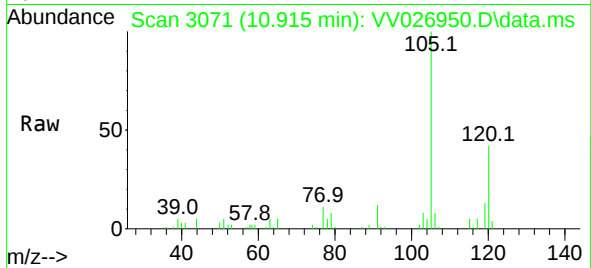
Tgt Ion:105 Resp: 23242
Ion Ratio Lower Upper
105 100
120 48.1 39.8 59.6





#63
1,2,4-Trimethylbenzene
Concen: 2.545 ug/L
RT: 10.915 min Scan# 3070
Delta R.T. 0.003 min
Lab File: VV026950.D
Acq: 26 Jul 2022 14:18

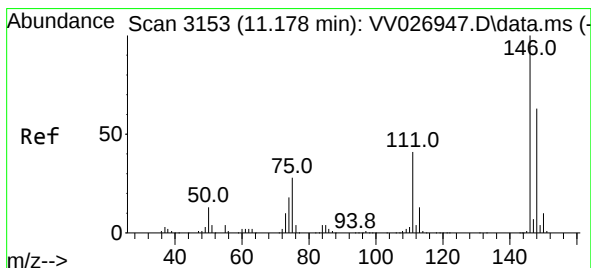
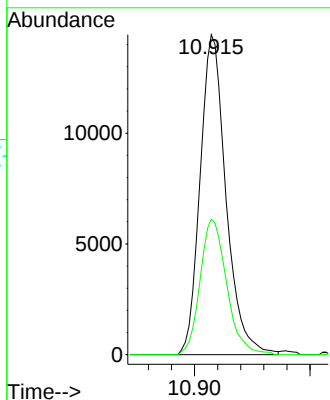
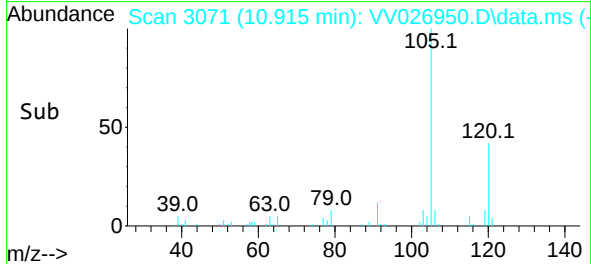
Instrument : MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2022-04



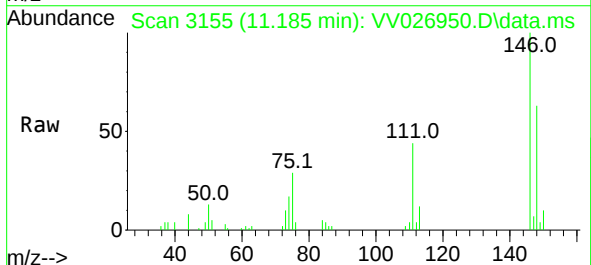
Tgt Ion:105 Resp: 22469
Ion Ratio Lower Upper
105 100
120 43.5 37.1 55.7

Manual Integrations
APPROVED

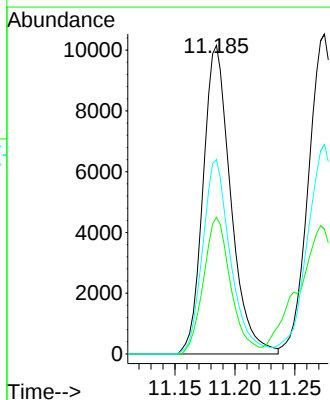
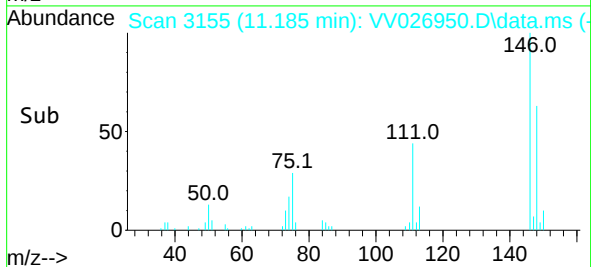
Reviewed By :Krupa Patel 07/27/2022
Supervised By :Mahesh Dadoda 07/27/2022

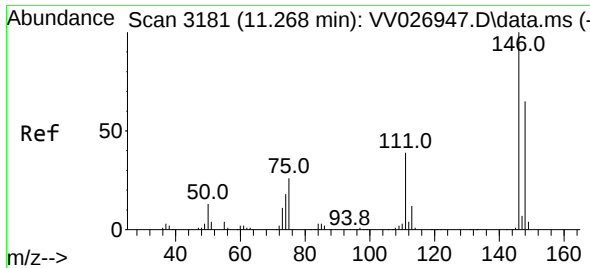


#64
1,3-Dichlorobenzene
Concen: 2.949 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.006 min
Lab File: VV026950.D
Acq: 26 Jul 2022 14:18



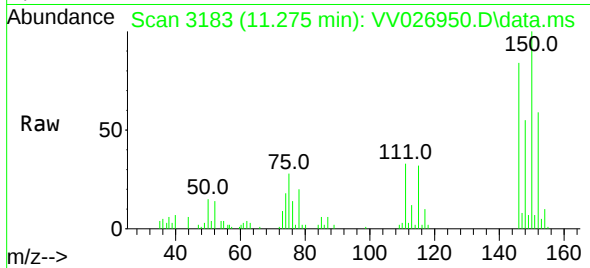
Tgt Ion:146 Resp: 16318
Ion Ratio Lower Upper
146 100
111 44.3 27.9 51.9
148 63.0 44.2 82.2





#65
1,4-Dichlorobenzene
Concen: 3.094 ug/L
RT: 11.275 min Scan# 3181
Delta R.T. 0.006 min
Lab File: VV026950.D
Acq: 26 Jul 2022 14:18

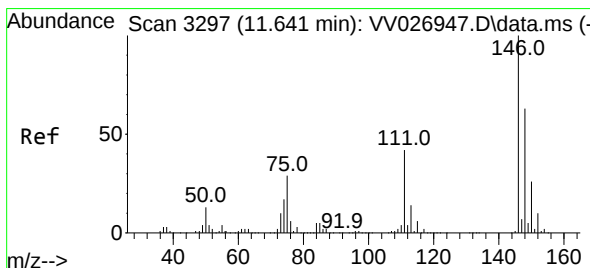
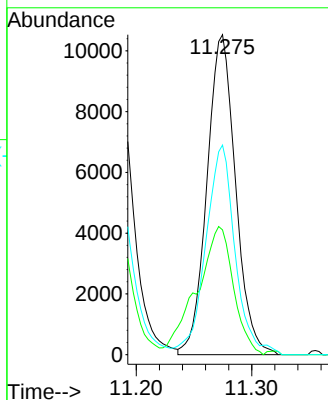
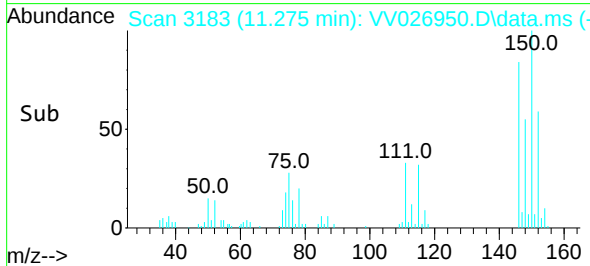
Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT2-2022-04



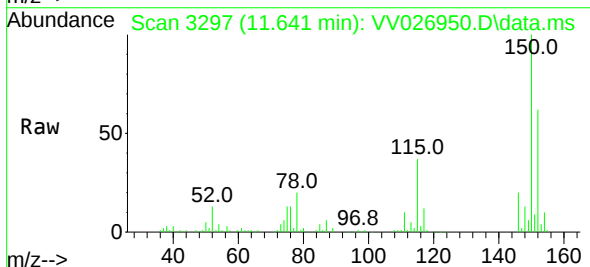
Tgt Ion:146 Resp: 18138
Ion Ratio Lower Upper
146 100
111 39.0 27.4 51.0
148 65.5 44.4 82.4

Manual Integrations
APPROVED

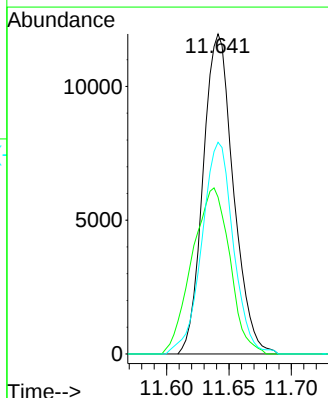
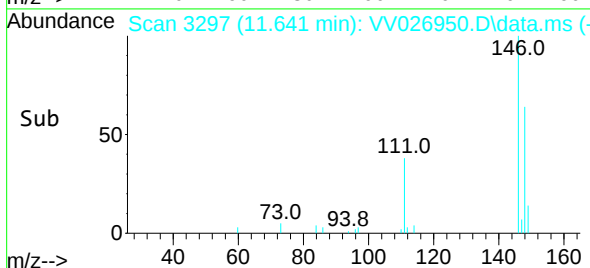
Reviewed By :Krupa Patel 07/27/2022
Supervised By :Mahesh Dadoda 07/27/2022

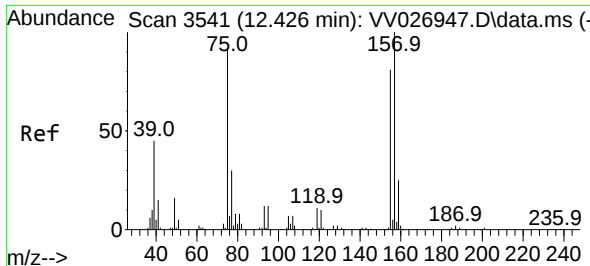


#67
1,2-Dichlorobenzene
Concen: 3.565 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. -0.000 min
Lab File: VV026950.D
Acq: 26 Jul 2022 14:18



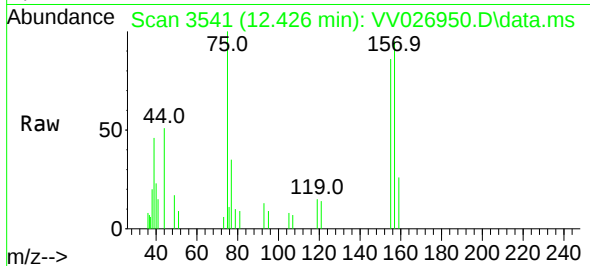
Tgt Ion:146 Resp: 20237
Ion Ratio Lower Upper
146 100
111 49.0 33.2 49.8
148 66.1 51.4 77.2





#68
1,2-Dibromo-3-chloropropane
Concen: 3.334 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. -0.000 min
Lab File: VV026950.D
Acq: 26 Jul 2022 14:18

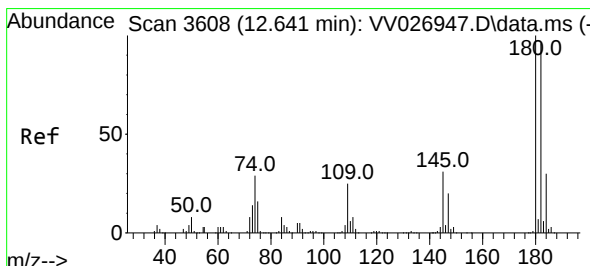
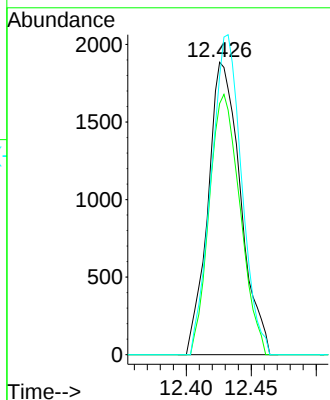
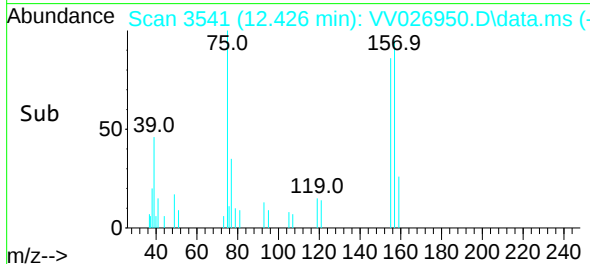
Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT2-2022-04



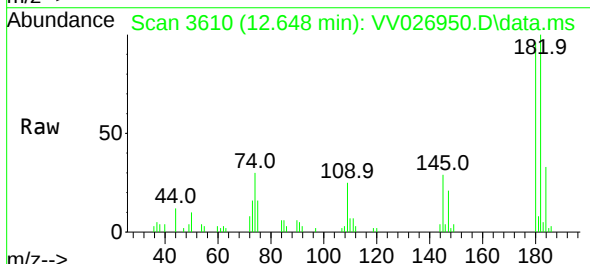
Tgt Ion: 75 Resp: 327
Ion Ratio Lower Upper
75 100
155 85.8 67.7 101.5
157 95.2 87.1 130.7

Manual Integrations
APPROVED

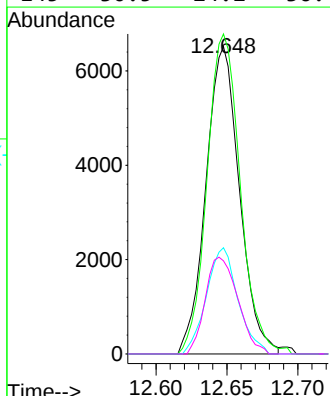
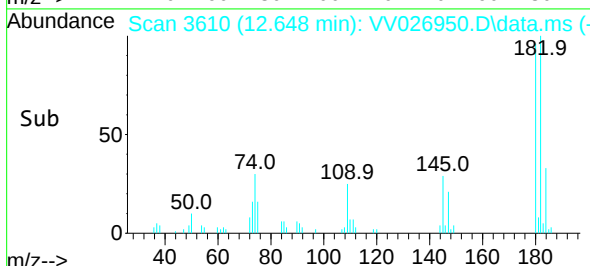
Reviewed By :Krupa Patel 07/27/2022
Supervised By :Mahesh Dadoda 07/27/2022

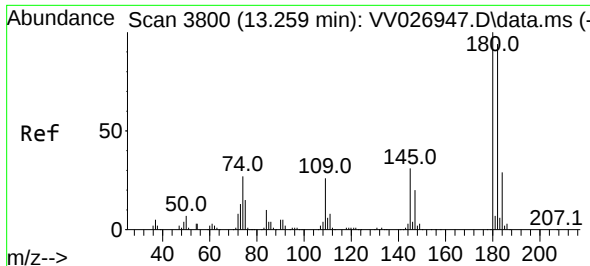


#69
1,3,5-Trichlorobenzene
Concen: 2.743 ug/L
RT: 12.648 min Scan# 3610
Delta R.T. 0.006 min
Lab File: VV026950.D
Acq: 26 Jul 2022 14:18



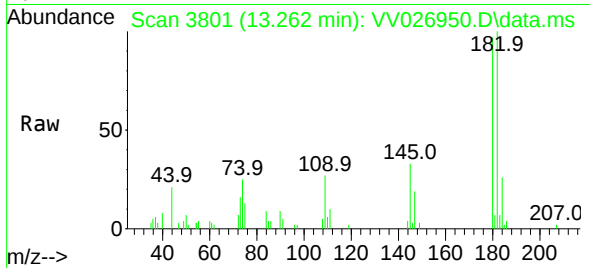
Tgt Ion:180 Resp: 10746
Ion Ratio Lower Upper
180 100
182 102.2 75.6 113.4
184 32.4 23.8 35.8
145 30.5 24.2 36.4





#70
1,2,4-trichlorobenzene
Concen: 2.526 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. 0.003 min
Lab File: VV026950.D
Acq: 26 Jul 2022 14:18

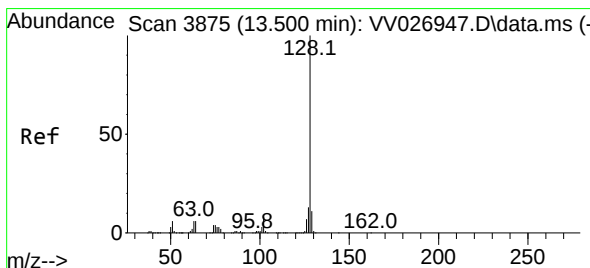
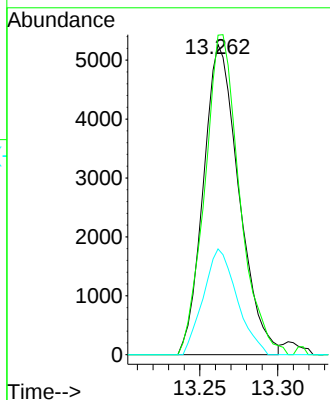
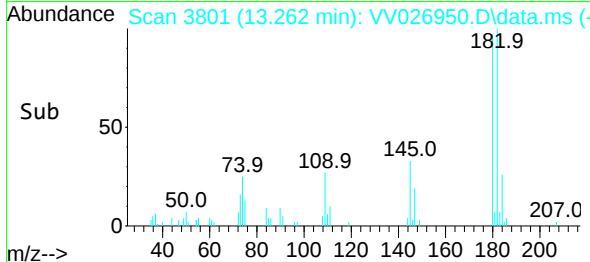
Instrument : MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2022-04



Tgt Ion:180 Resp: 8330
Ion Ratio Lower Upper
180 100
182 101.1 76.2 114.4
145 32.3 25.0 37.6

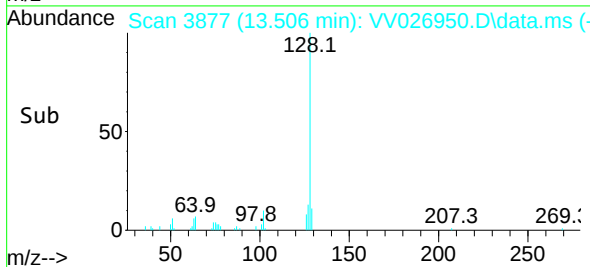
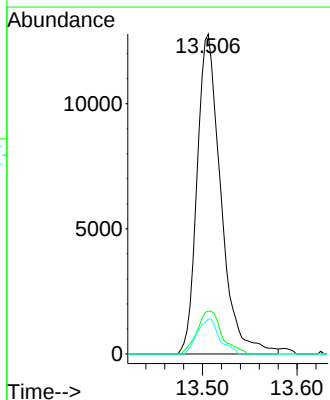
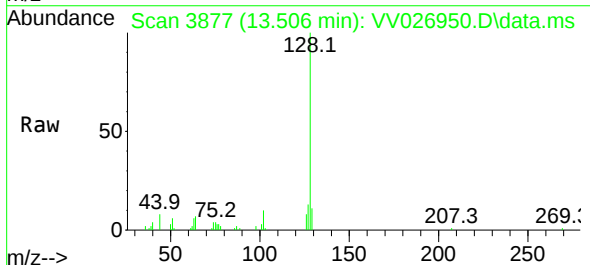
Manual Integrations
APPROVED

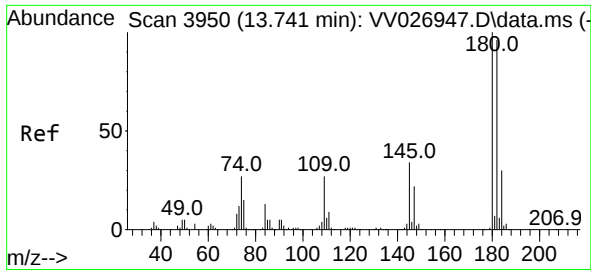
Reviewed By :Krupa Patel 07/27/2022
Supervised By :Mahesh Dadoda 07/27/2022



#71
Naphthalene
Concen: 2.148 ug/L
RT: 13.506 min Scan# 3877
Delta R.T. 0.006 min
Lab File: VV026950.D
Acq: 26 Jul 2022 14:18

Tgt Ion:128 Resp: 22297
Ion Ratio Lower Upper
128 100
127 13.9 10.4 15.6
129 10.2 8.6 13.0





#72

1,2,3-Trichlorobenzene

Concen: 2.380 ug/L

RT: 13.744 min Scan# 3950

Delta R.T. 0.003 min

Lab File: VV026950.D

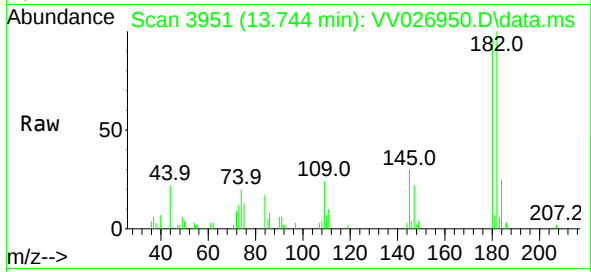
Acq: 26 Jul 2022 14:18

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT2-2022-04



Tgt Ion:180 Resp: 8194

Ion Ratio Lower Upper

180 100

182 100.6 75.4 113.2

145 34.7 26.6 40.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 07/27/2022

Supervised By :Mahesh Dadoda 07/27/2022

