

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040623\
 Data File : VW030423.D
 Acq On : 06 Apr 2023 17:21
 Operator : SY/MD
 Sample : 02215-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT2-2023-03

Quant Time: Apr 07 04:51:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 31 05:37:21 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 04/07/2023
 Supervised By :Mahesh Dadoda 04/07/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	139028	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	139162	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	67974	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	36811	3.998	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.000%
7) Chloroethane-d5	1.535	69	37525	4.199	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.000%
11) 1,1-Dichloroethene-d2	2.063	63	67767	3.102	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.000%
20) 2-Butanone-d5	3.825	46	98483	41.380	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.760%
24) Chloroform-d	4.259	84	92884	4.168	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.400%
26) 1,2-Dichloroethane-d4	4.953	65	47185	4.488	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.800%
32) Benzene-d6	4.973	84	167372	4.268	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.400%
36) 1,2-Dichloropropane-d6	5.998	67	52137	4.247	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.000%
41) Toluene-d8	7.252	98	145079	4.029	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.600%
43) trans-1,3-Dichloroprop...	7.564	79	16777	3.629	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.600%
46) 2-Hexanone-d5	8.037	63	74277	39.989	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.980%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	37491	3.875	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	77.400%
66) 1,2-Dichlorobenzene-d4	11.570	152	58018	4.775	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.600%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.108	85	2985	0.169	ug/L	93
3) Chloromethane	1.217	50	8415	0.377	ug/L	93
5) Vinyl chloride	1.285	62	3245	0.200	ug/L #	73
6) Bromomethane	1.494	94	1390	0.300	ug/L	86
8) Chloroethane	1.552	64	2736	0.294	ug/L	98
9) Trichlorofluoromethane	1.719	101	5428	0.229	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.076	101	3150	0.241	ug/L	90
12) 1,1-Dichloroethene	2.076	96	3189	0.275	ug/L #	1
13) Acetone	2.162	43	8355m	3.671	ug/L	
14) Carbon disulfide	2.246	76	6952	0.182	ug/L	96
16) Methylene chloride	2.455	84	3248	0.236	ug/L	93
17) Methyl tert-butyl Ether	2.722	73	4873	0.198	ug/L #	93
18) trans-1,2-Dichloroethene	2.699	96	2502	0.204	ug/L	86
19) 1,1-Dichloroethane	3.124	63	4866	0.205	ug/L #	93
22) cis-1,2-Dichloroethene	3.825	96	2889	0.235	ug/L	75
23) Bromochloromethane	4.162	128	1227	0.214	ug/L	75
27) 1,2-Dichloroethane	5.063	62	3500	0.241	ug/L #	88
29) 1,1,1-Trichloroethane	4.526	97	4978	0.223	ug/L	95
30) Cyclohexane	4.593	56	4638	0.228	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
31) Carbon tetrachloride	4.748	117	4080	0.201	ug/L	92
33) Benzene	5.024	78	9521	0.193	ug/L	100
34) Trichloroethene	5.854	95	2535	0.190	ug/L	96
35) Methylcyclohexane	6.056	83	3710	0.177	ug/L	97
37) 1,2-Dichloropropane	6.111	63	2105	0.166	ug/L #	88
38) Bromodichloromethane	6.445	83	3636	0.219	ug/L #	89
39) cis-1,3-Dichloropropene	6.973	75	3340	0.187	ug/L #	77
40) 4-Methyl-2-pentanone	7.175	43	9946	1.487	ug/L #	86
42) Toluene	7.329	91	10061	0.191	ug/L	96
44) trans-1,3-Dichloropropene	7.600	75	2896	0.191	ug/L	87
45) 1,1,2-Trichloroethane	7.780	97	1742	0.195	ug/L	94
47) Tetrachloroethene	7.918	164	2443	0.208	ug/L	95
49) Dibromochloromethane	8.188	129	2441	0.230	ug/L	98
50) 1,2-Dibromoethane	8.294	107	1766	0.217	ug/L #	99
51) Chlorobenzene	8.825	112	6417	0.190	ug/L	92
52) Ethylbenzene	8.960	91	9920	0.172	ug/L	100
53) m,p-Xylene	9.085	106	3800	0.172	ug/L	93
54) o-Xylene	9.487	106	3547	0.168	ug/L	100
55) Styrene	9.509	104	5551	0.155	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.188	83	1959	0.185	ug/L #	92
59) Bromoform	9.677	173	1214	0.221	ug/L #	81
60) Isopropylbenzene	9.876	105	9088	0.181	ug/L #	92
61) 1,2,3-Trichloropropane	10.220	75	1578	0.260	ug/L	94
62) 1,3,5-Trimethylbenzene	10.487	105	7056	0.172	ug/L	87
63) 1,2,4-Trimethylbenzene	10.863	105	7404	0.178	ug/L	93
64) 1,3-Dichlorobenzene	11.130	146	5294	0.212	ug/L	96
65) 1,4-Dichlorobenzene	11.220	146	5219	0.207	ug/L	96
67) 1,2-Dichlorobenzene	11.587	146	4836	0.215	ug/L	87
68) 1,2-Dibromo-3-chloropr...	12.384	75	479	0.317	ug/L	86
69) 1,3,5-Trichlorobenzene	12.593	180	4103	0.213	ug/L	95
70) 1,2,4-trichlorobenzene	13.213	180	3120	0.210	ug/L	97
71) Naphthalene	13.451	128	4161	0.196	ug/L #	91
72) 1,2,3-Trichlorobenzene	13.689	180	2732	0.212	ug/L	91

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

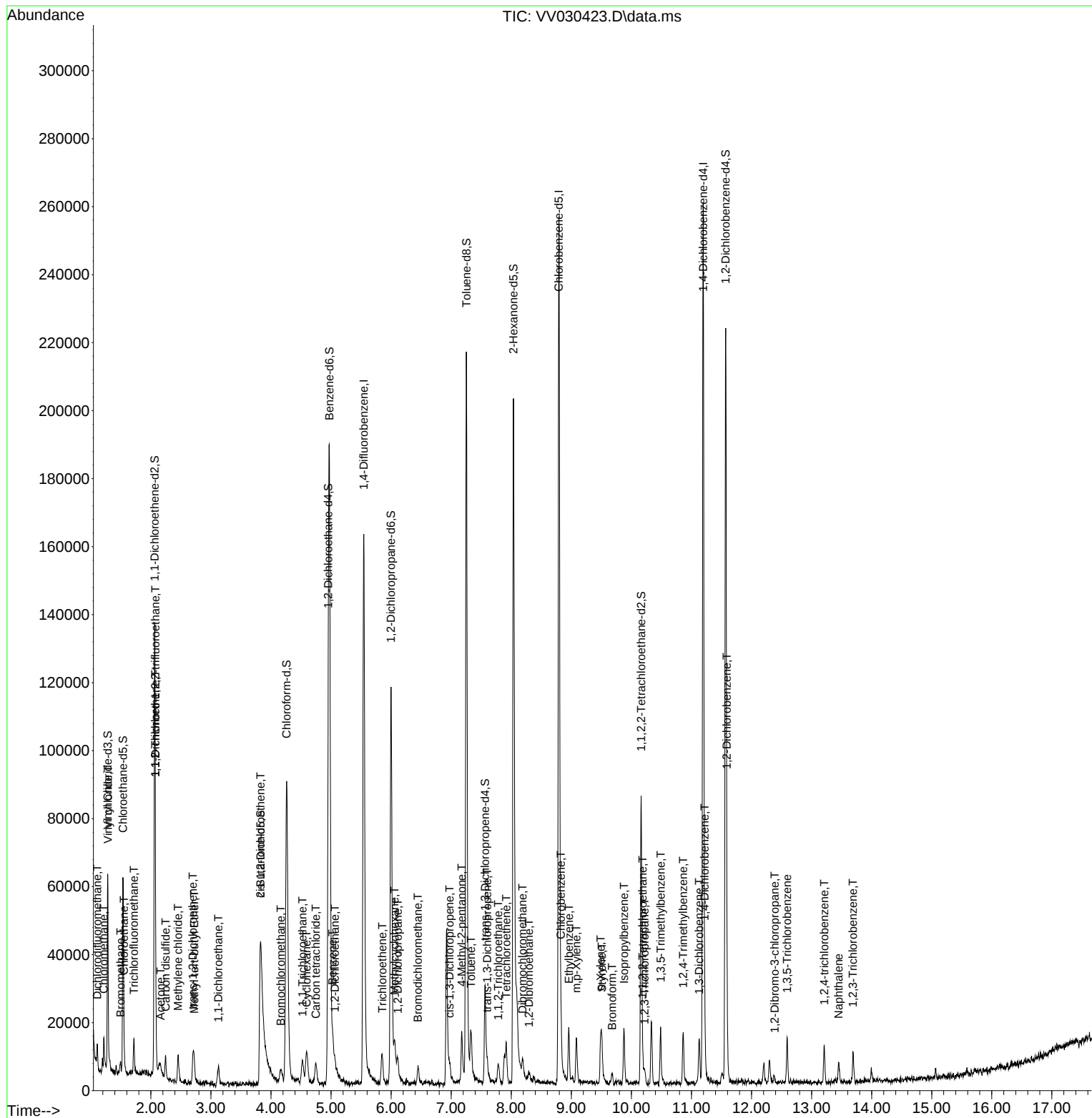
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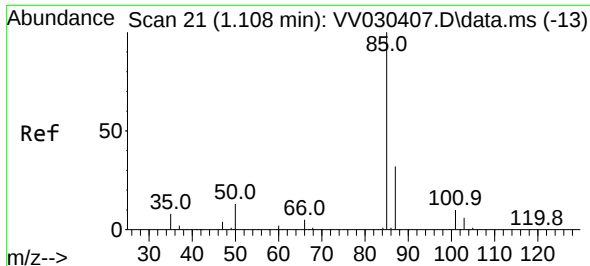
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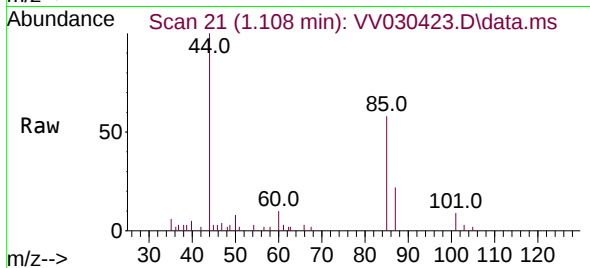
Reviewed By :Krupa Patel 04/07/2023
 Supervised By :Mahesh Dadoda 04/07/2023





#2
 Dichlorodifluoromethane
 Concen: 0.169 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV030423.D
 Acq: 06 Apr 2023 17:21

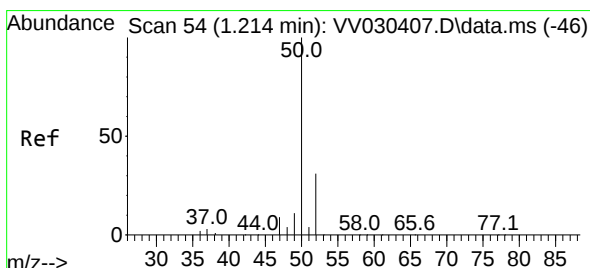
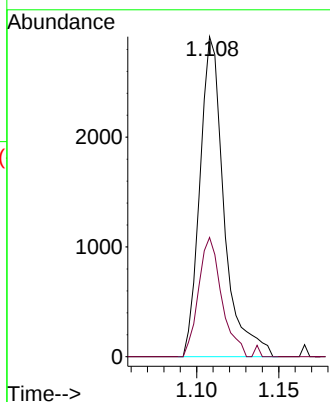
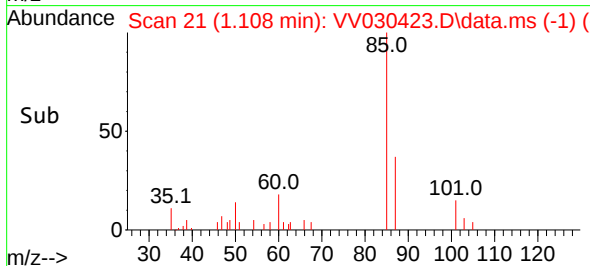
Instrument : MSVOA_V
 ClientSampleId :
 MDL-WATER-QT2-2023-03



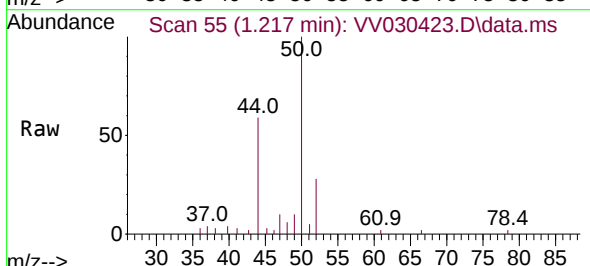
Tgt Ion: 85 Resp: 2985
 Ion Ratio Lower Upper
 85 100
 87 35.7 25.6 38.4

Manual Integrations
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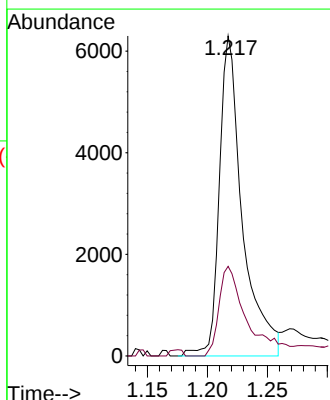
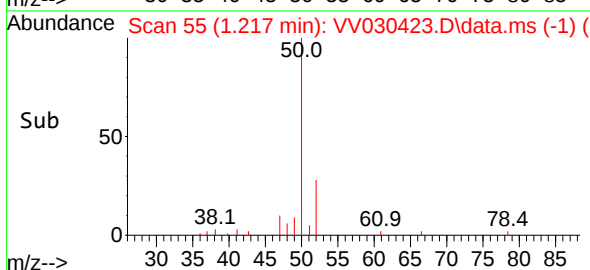
Reviewed By :Krupa Patel 04/07/2023
 Supervised By :Mahesh Dadoda 04/07/2023

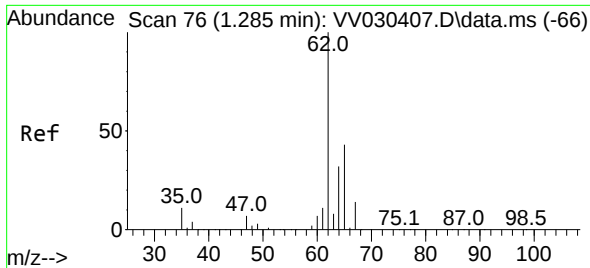


#3
 Chloromethane
 Concen: 0.377 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV030423.D
 Acq: 06 Apr 2023 17:21



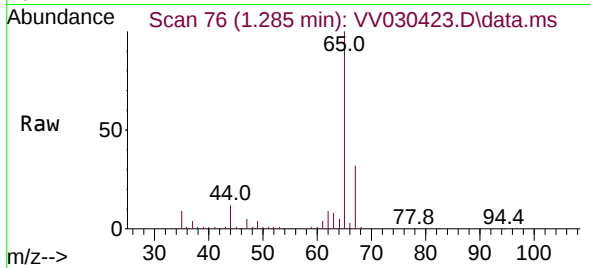
Tgt Ion: 50 Resp: 8415
 Ion Ratio Lower Upper
 50 100
 52 28.0 22.3 41.5





#5
 Vinyl chloride
 Concen: 0.200 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VV030423.D
 Acq: 06 Apr 2023 17:21

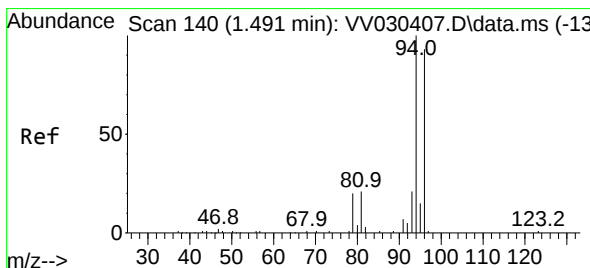
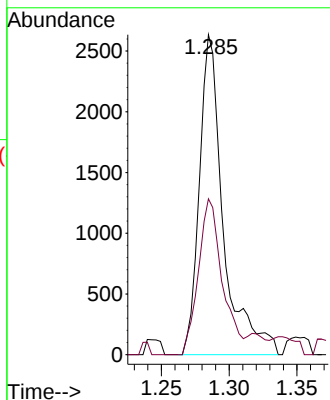
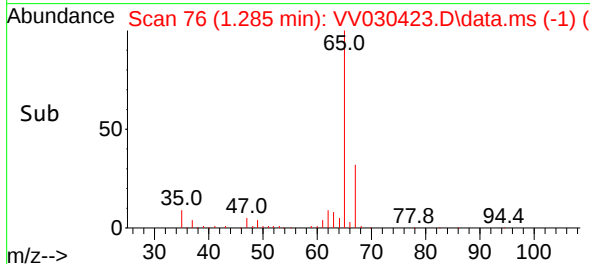
Instrument : MSVOA_V
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Tgt Ion: 62 Resp: 324
 Ion Ratio Lower Upper
 62 100
 64 48.7 23.2 43.2

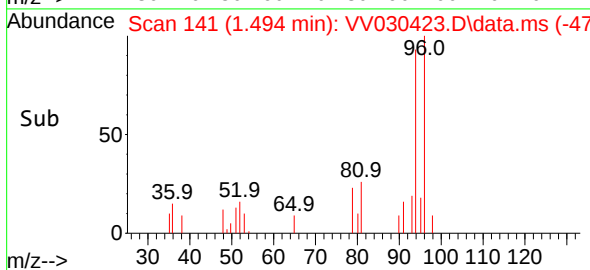
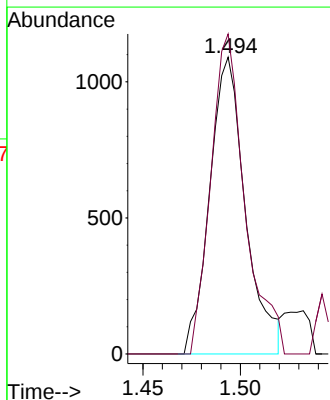
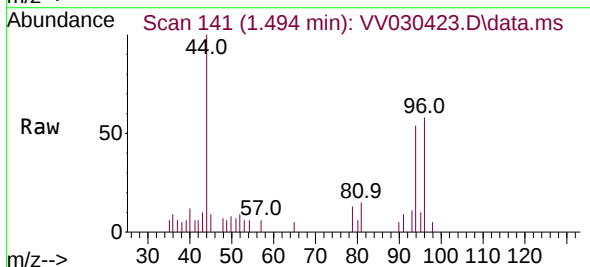
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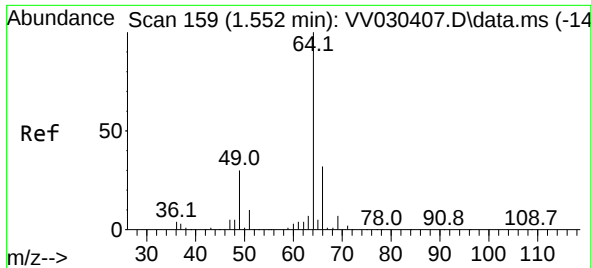
Reviewed By :Krupa Patel 04/07/2023
 Supervised By :Mahesh Dadoda 04/07/2023



#6
 Bromomethane
 Concen: 0.300 ug/L
 RT: 1.494 min Scan# 141
 Delta R.T. 0.003 min
 Lab File: VV030423.D
 Acq: 06 Apr 2023 17:21

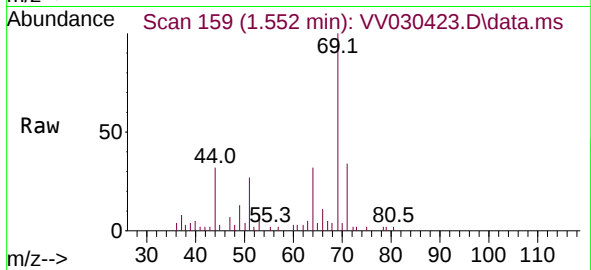
Tgt Ion: 94 Resp: 1390
 Ion Ratio Lower Upper
 94 100
 96 107.8 66.1 122.7





#8
Chloroethane
Concen: 0.294 ug/L
RT: 1.552 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV030423.D
Acq: 06 Apr 2023 17:21

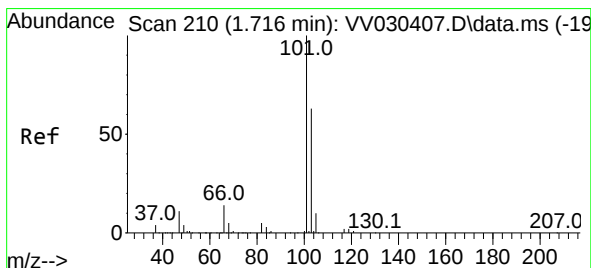
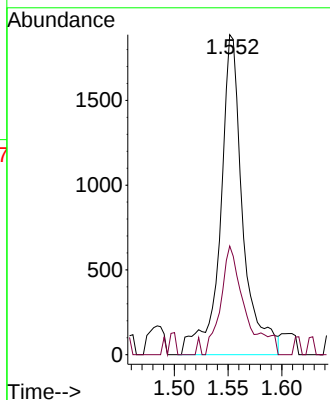
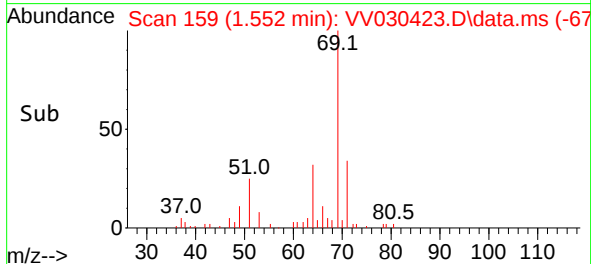
Instrument :
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MDL-WATER-QT2-2023-03



Tgt Ion: 64 Resp: 2730
Ion Ratio Lower Upper
64 100
66 34.0 23.0 42.8

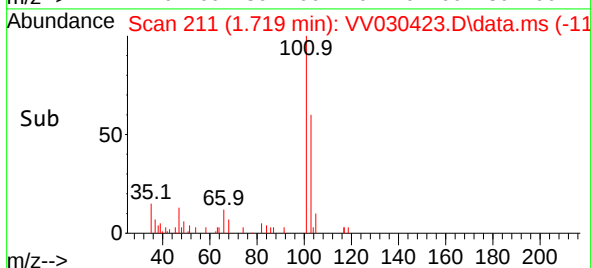
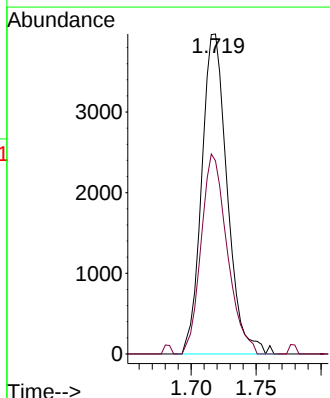
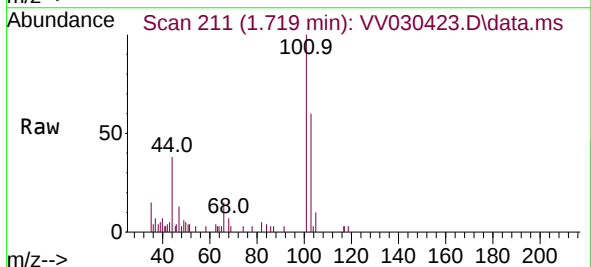
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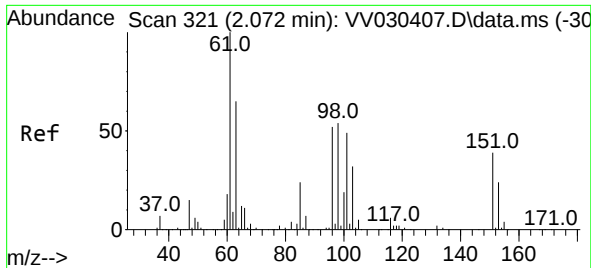
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#9
Trichlorofluoromethane
Concen: 0.229 ug/L
RT: 1.719 min Scan# 211
Delta R.T. -0.000 min
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Tgt Ion:101 Resp: 5428
Ion Ratio Lower Upper
101 100
103 63.8 51.0 76.6





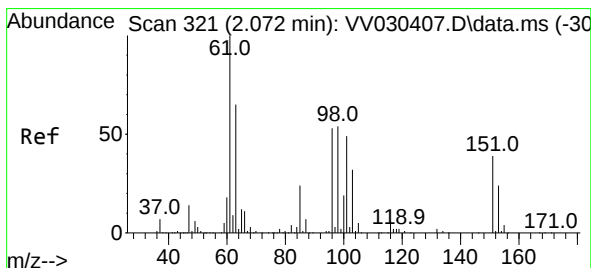
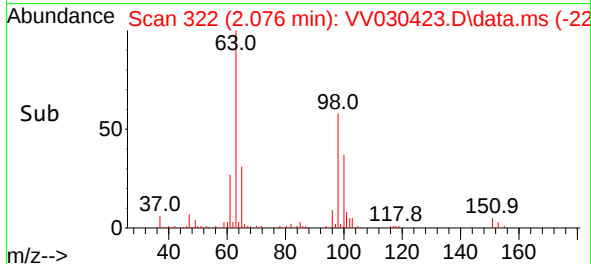
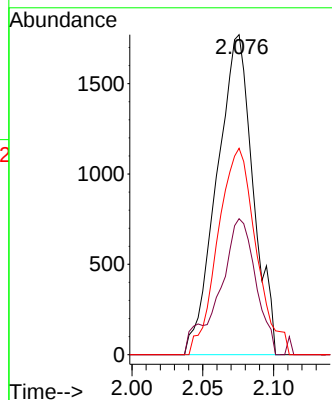
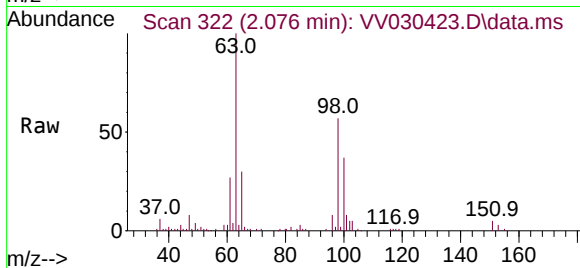
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.241 ug/L
RT: 2.076 min Scan# 315
Delta R.T. 0.003 min
Lab File: VV030423.D
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Tgt Ion:101 Resp: 3150
Ion Ratio Lower Upper
101 100
85 42.8 38.1 57.1
151 67.9 62.7 94.1

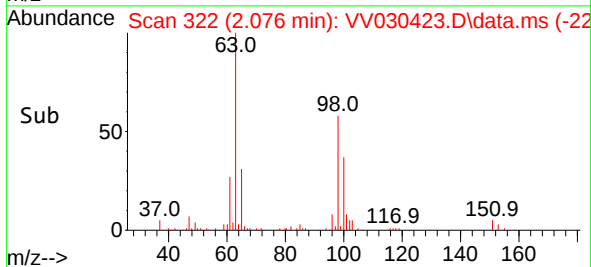
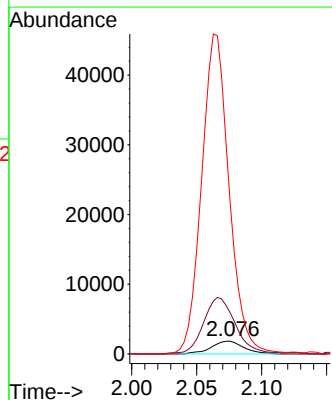
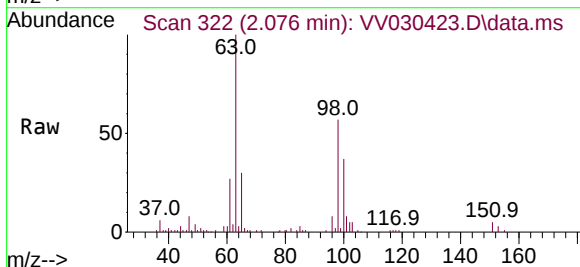
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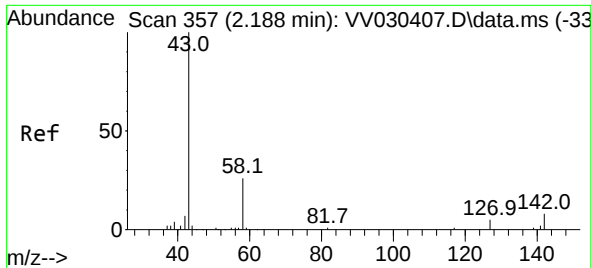
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#12
1,1-Dichloroethene
Concen: 0.275 ug/L
RT: 2.076 min Scan# 322
Delta R.T. -0.000 min
Lab File: VV030423.D
Acq: 06 Apr 2023 17:21

Tgt Ion: 96 Resp: 3189
Ion Ratio Lower Upper
96 100
61 322.4 136.3 253.1#
63 1183.5 92.1 171.1#





#13

Acetone

Concen: 3.671 ug/L m

RT: 2.162 min Scan# 34

Delta R.T. 0.016 min

Lab File: VV030423.D

Acq: 06 Apr 2023 17:21

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT2-2023-03

Tgt Ion: 43 Resp: 835

Ion Ratio Lower Upper

43 100

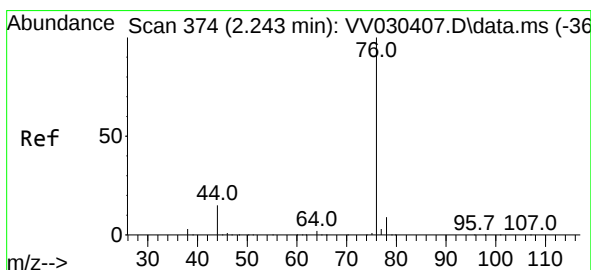
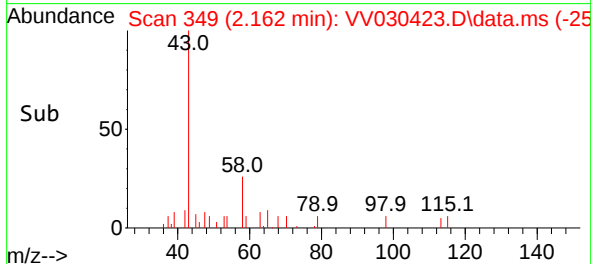
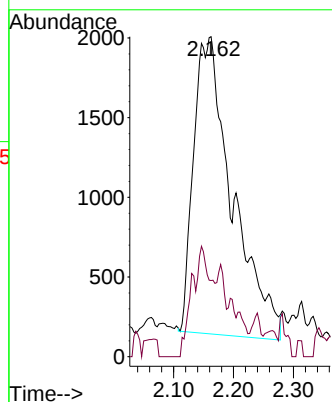
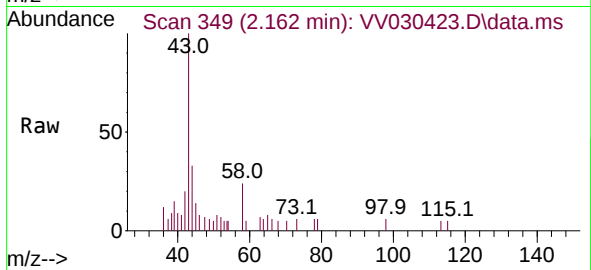
58 10.0 0.0 40.8

Manual Integrations

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Supervised By :Mahesh Dadoda 04/07/2023



#14

Carbon disulfide

Concen: 0.182 ug/L

RT: 2.246 min Scan# 375

Delta R.T. -0.000 min

Lab File: VV030423.D

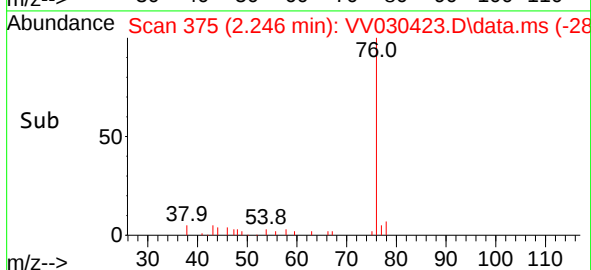
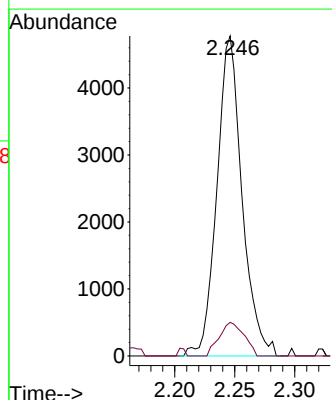
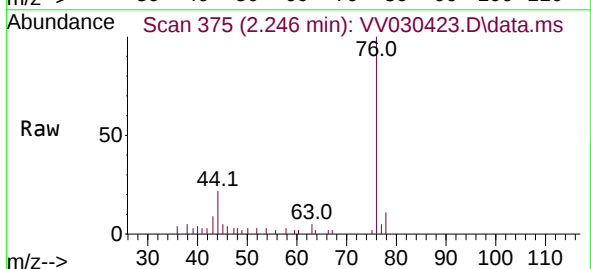
Acq: 06 Apr 2023 17:21

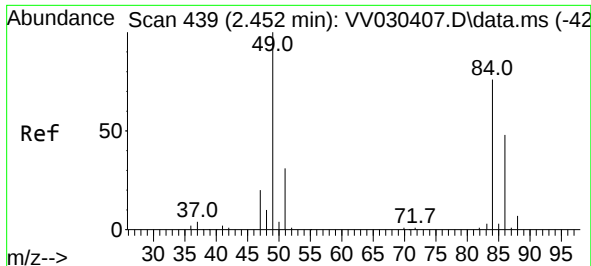
Tgt Ion: 76 Resp: 6952

Ion Ratio Lower Upper

76 100

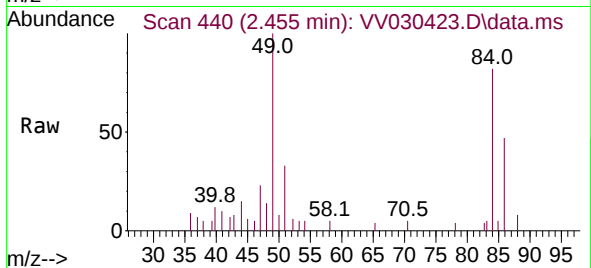
78 10.5 7.3 10.9





#16
Methylene chloride
Concen: 0.236 ug/L
RT: 2.455 min Scan# 440
Delta R.T. 0.003 min
Lab File: VV030423.D
Acq: 06 Apr 2023 17:21

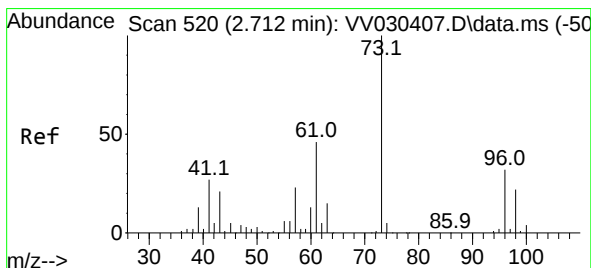
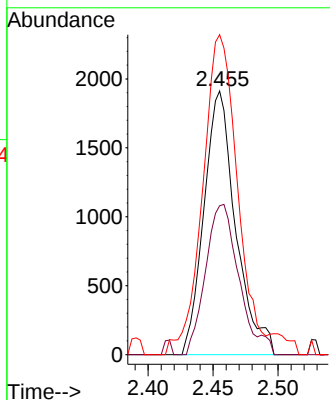
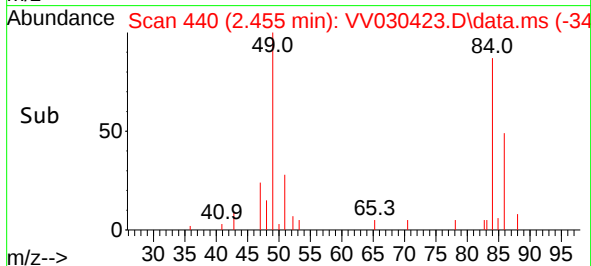
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2023-03



Tgt Ion: 84 Resp: 3248
Ion Ratio Lower Upper
84 100
86 56.5 44.0 81.6
49 121.4 90.6 168.3

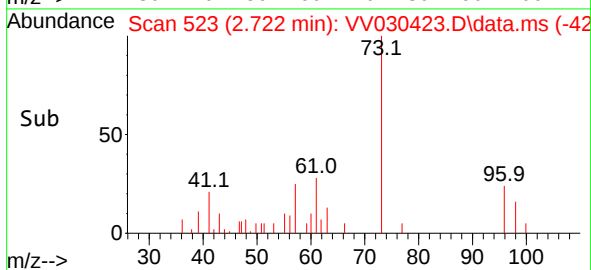
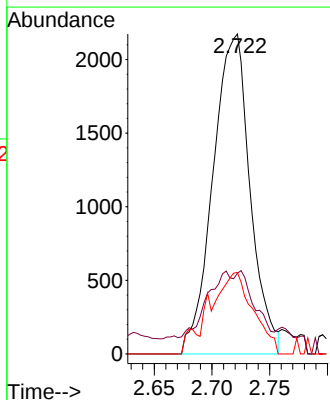
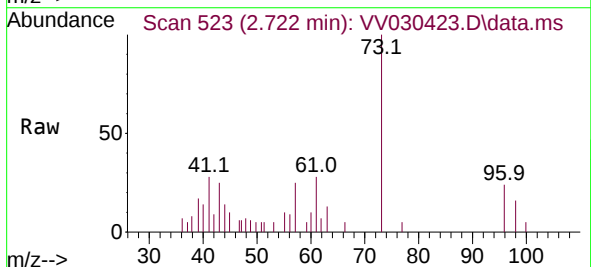
Manual Integrations
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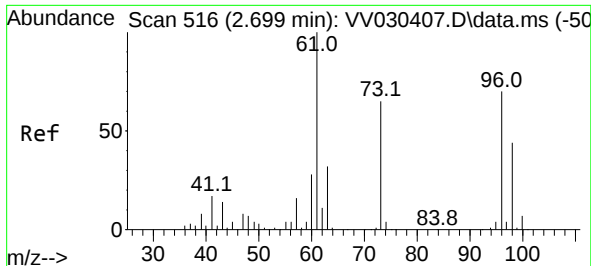
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#17
Methyl tert-butyl Ether
Concen: 0.198 ug/L
RT: 2.722 min Scan# 523
Delta R.T. 0.010 min
Lab File: VV030423.D
Acq: 06 Apr 2023 17:21

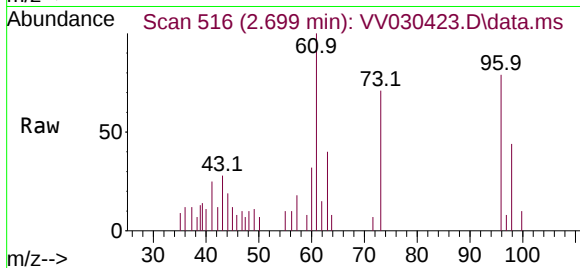
Tgt Ion: 73 Resp: 4873
Ion Ratio Lower Upper
73 100
43 15.1 17.4 26.2#
57 23.3 18.3 27.5





#18
trans-1,2-Dichloroethene
Concen: 0.204 ug/L
RT: 2.699 min Scan# 516
Delta R.T. -0.000 min
Lab File: VV030423.D
Acq: 06 Apr 2023 17:21

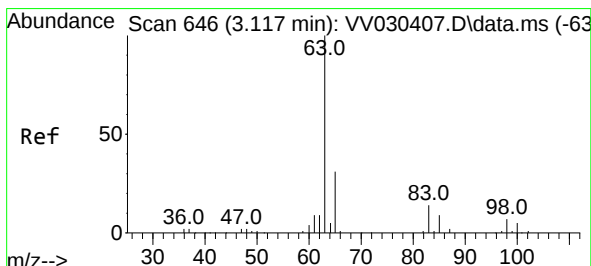
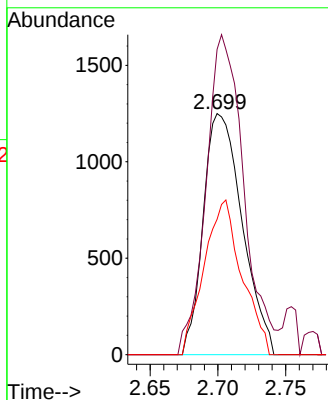
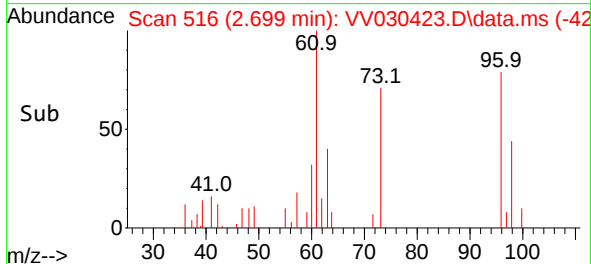
Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT2-2023-03



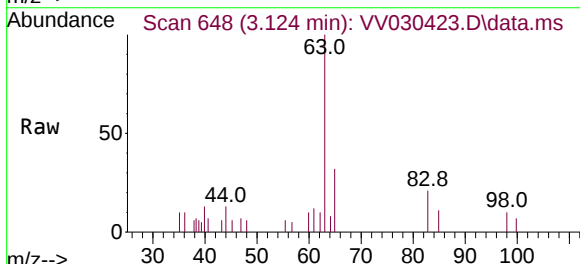
Tgt Ion: 96 Resp: 2502
Ion Ratio Lower Upper
96 100
61 126.6 101.7 188.9
98 56.2 45.8 85.2

Manual Integrations
APPROVED

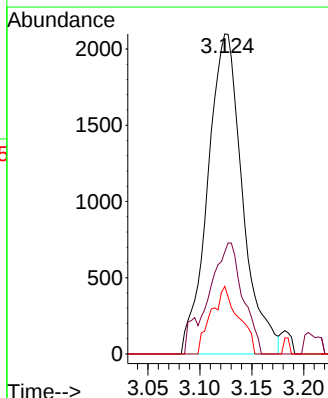
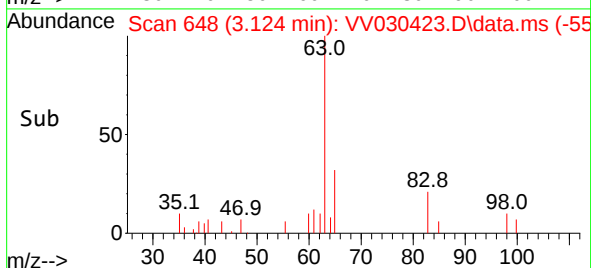
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023

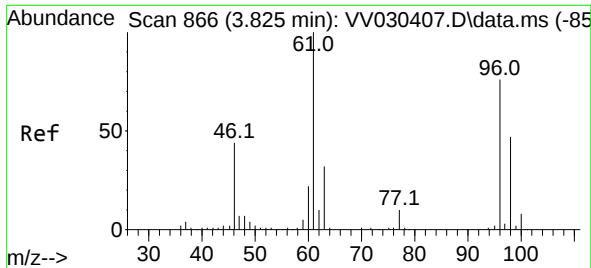


#19
1,1-Dichloroethane
Concen: 0.205 ug/L
RT: 3.124 min Scan# 648
Delta R.T. 0.006 min
Lab File: VV030423.D
Acq: 06 Apr 2023 17:21



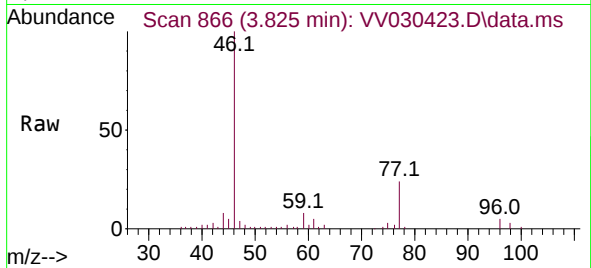
Tgt Ion: 63 Resp: 4866
Ion Ratio Lower Upper
63 100
65 31.9 21.7 40.3
83 21.1 9.1 16.9#





#22
 cis-1,2-Dichloroethene
 Concen: 0.235 ug/L
 RT: 3.825 min Scan# 866
 Delta R.T. -0.000 min
 Lab File: VV030423.D
 Acq: 06 Apr 2023 17:21

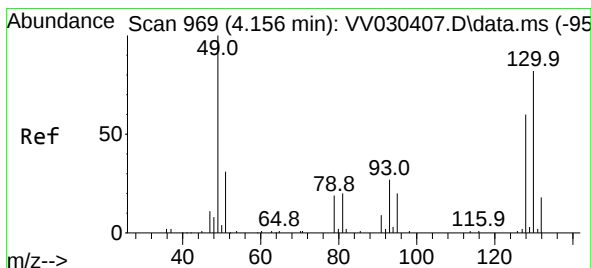
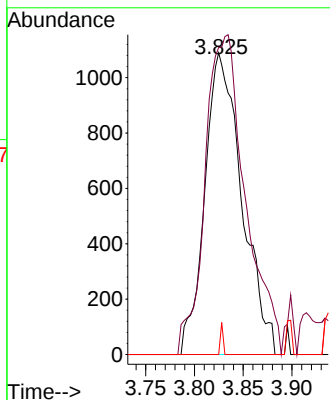
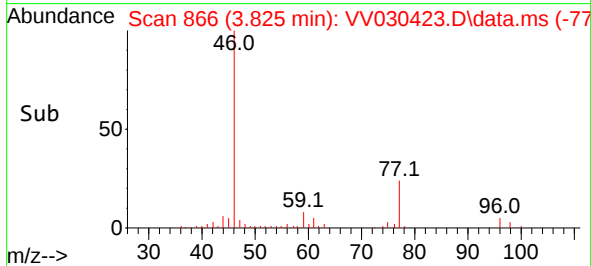
Instrument : MSVOA_V
 ClientSampleId :
 MDL-WATER-QT2-2023-03



Tgt Ion: 96 Resp: 2889
 Ion Ratio Lower Upper
 96 100
 61 101.7 92.0 170.8
 68 0.0 0.0 0.0

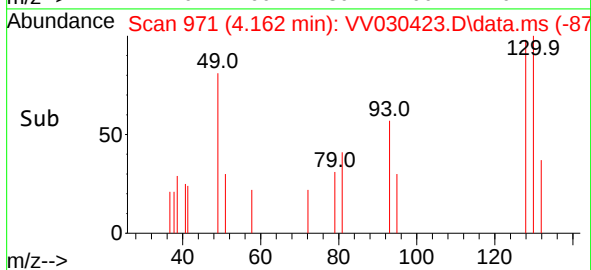
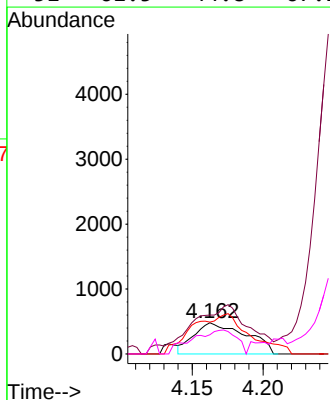
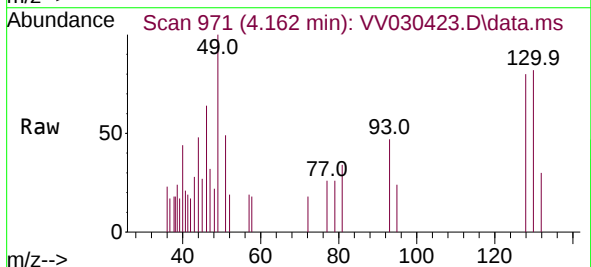
Manual Integrations
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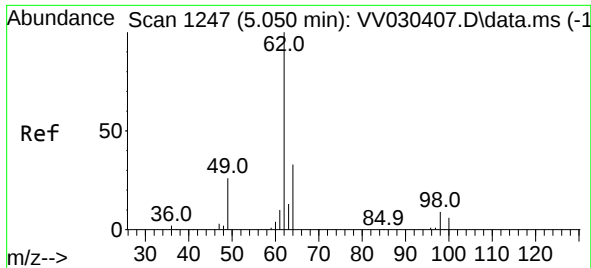
Reviewed By :Krupa Patel 04/07/2023
 Supervised By :Mahesh Dadoda 04/07/2023



#23
 Bromochloromethane
 Concen: 0.214 ug/L
 RT: 4.162 min Scan# 971
 Delta R.T. 0.006 min
 Lab File: VV030423.D
 Acq: 06 Apr 2023 17:21

Tgt Ion:128 Resp: 1227
 Ion Ratio Lower Upper
 128 100
 49 124.5 119.4 221.8
 130 102.1 89.2 165.8
 51 61.5 44.8 67.2





#27

1,2-Dichloroethane

Concen: 0.241 ug/L

RT: 5.063 min Scan# 11

Delta R.T. 0.013 min

Lab File: VV030423.D

Acq: 06 Apr 2023 17:21

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT2-2023-03

Tgt Ion: 62 Resp: 3500

Ion Ratio Lower Upper

62 100

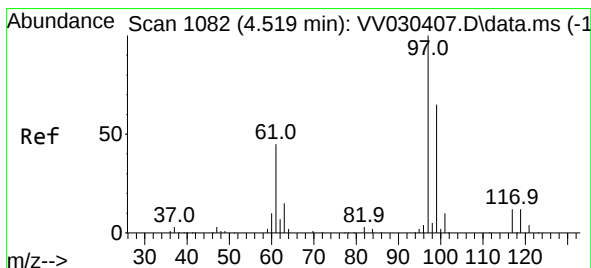
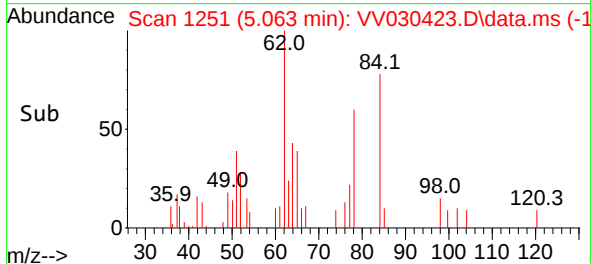
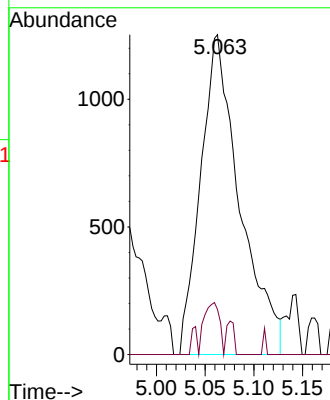
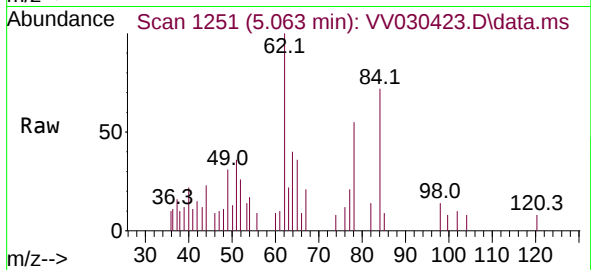
98 14.1 7.8 11.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#29

1,1,1-Trichloroethane

Concen: 0.223 ug/L

RT: 4.526 min Scan# 1084

Delta R.T. 0.003 min

Lab File: VV030423.D

Acq: 06 Apr 2023 17:21

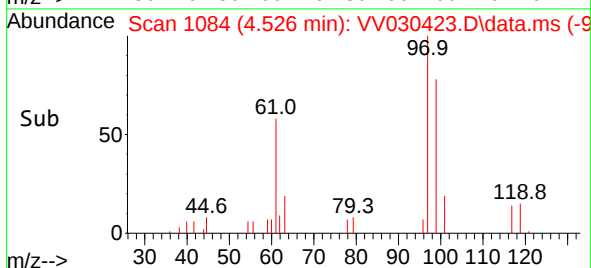
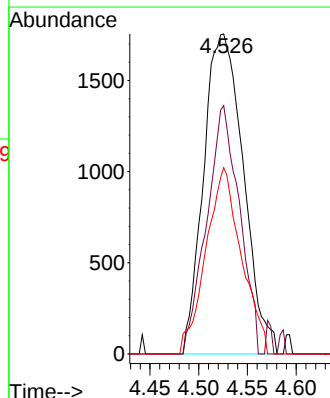
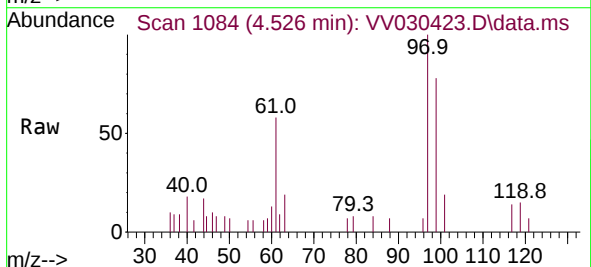
Tgt Ion: 97 Resp: 4978

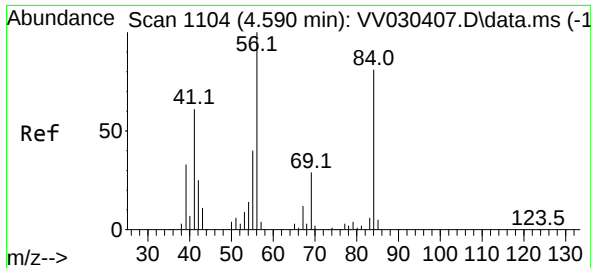
Ion Ratio Lower Upper

97 100

99 64.1 50.9 76.3

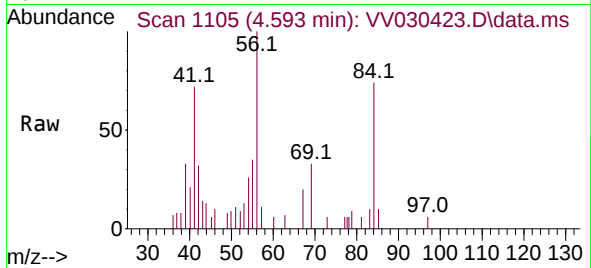
61 51.9 35.9 53.9





#30
Cyclohexane
Concen: 0.228 ug/L
RT: 4.593 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VV030423.D
Acq: 06 Apr 2023 17:21

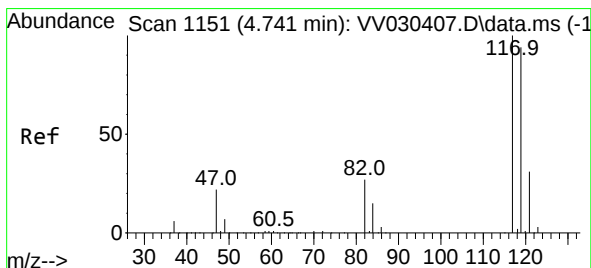
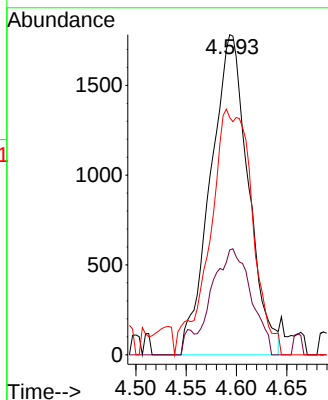
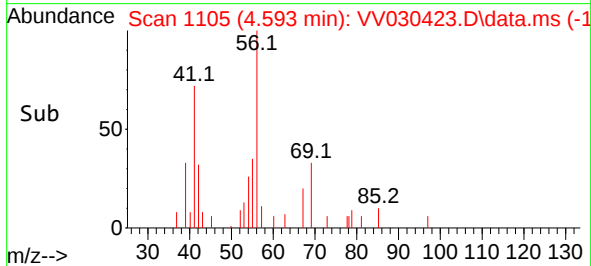
Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT2-2023-03



Tgt Ion: 56 Resp: 4638
Ion Ratio Lower Upper
56 100
69 34.0 24.2 36.2
84 85.7 66.6 100.0

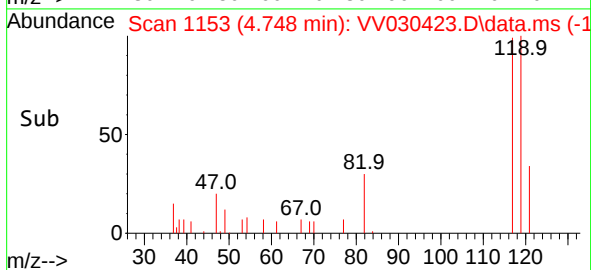
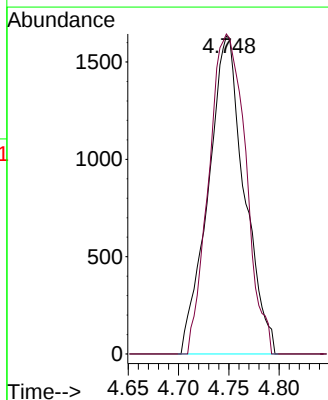
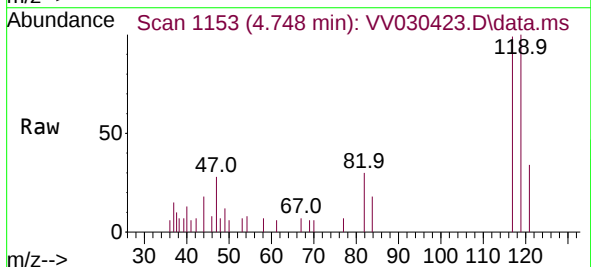
Manual Integrations
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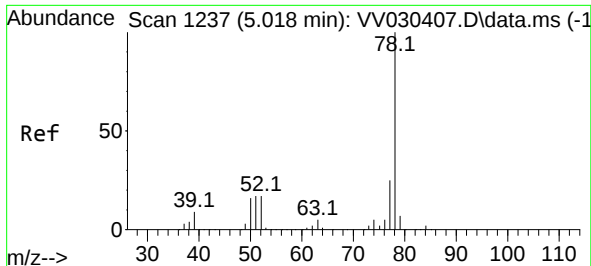
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#31
Carbon tetrachloride
Concen: 0.201 ug/L
RT: 4.748 min Scan# 1153
Delta R.T. 0.003 min
Lab File: VV030423.D
Acq: 06 Apr 2023 17:21

Tgt Ion:117 Resp: 4080
Ion Ratio Lower Upper
117 100
119 102.6 76.2 114.4





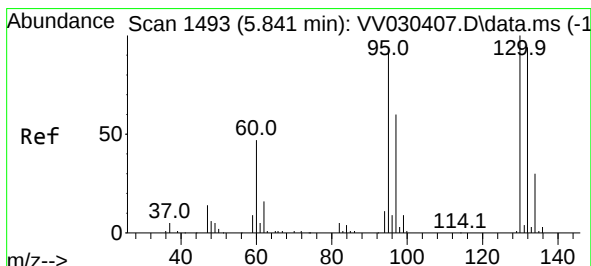
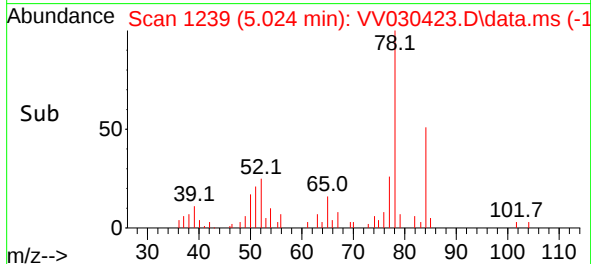
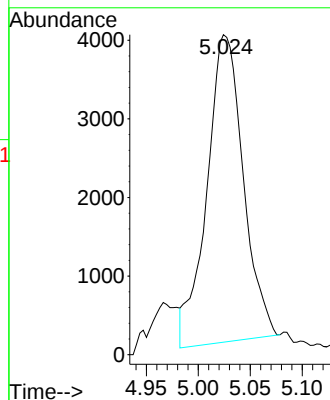
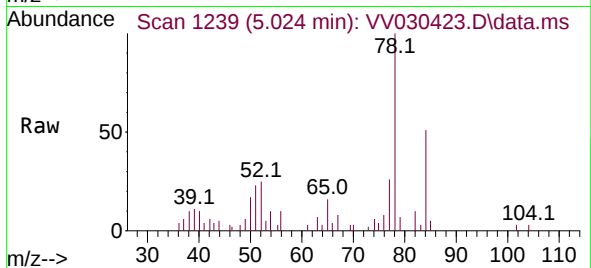
#33
Benzene
Concen: 0.193 ug/L
RT: 5.024 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV030423.D
Acq: 06 Apr 2023 17:21

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2023-03

Tgt Ion: 78 Resp: 952

Manual Integrations
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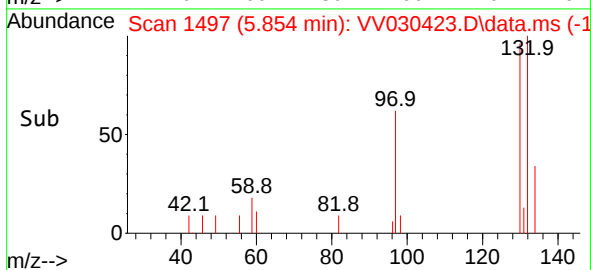
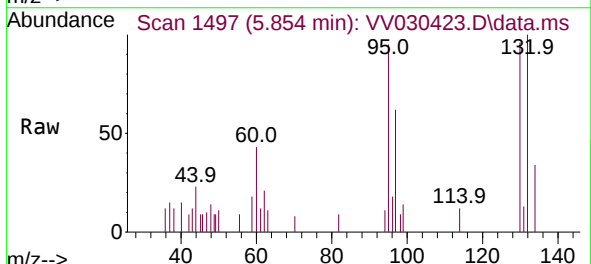
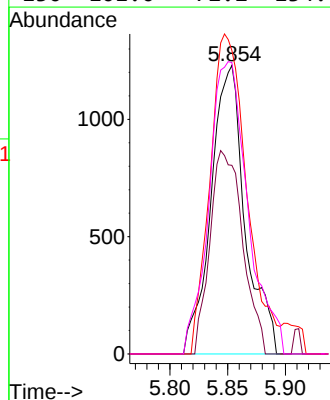
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023

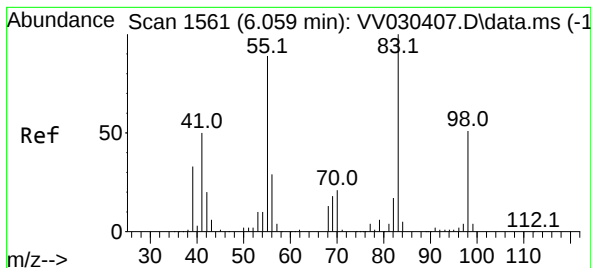


#34
Trichloroethene
Concen: 0.190 ug/L
RT: 5.854 min Scan# 1497
Delta R.T. 0.013 min
Lab File: VV030423.D
Acq: 06 Apr 2023 17:21

Tgt Ion: 95 Resp: 2535

Ion	Ratio	Lower	Upper
95	100		
97	65.4	44.2	82.2
132	105.2	69.5	129.1
130	101.0	72.2	134.0





#35

Methylcyclohexane

Concen: 0.177 ug/L

RT: 6.056 min Scan# 1560

Delta R.T. -0.003 min

Lab File: VV030423.D

Acq: 06 Apr 2023 17:21

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT2-2023-03

Tgt Ion: 83 Resp: 3710

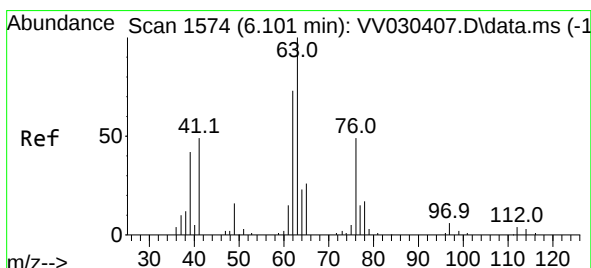
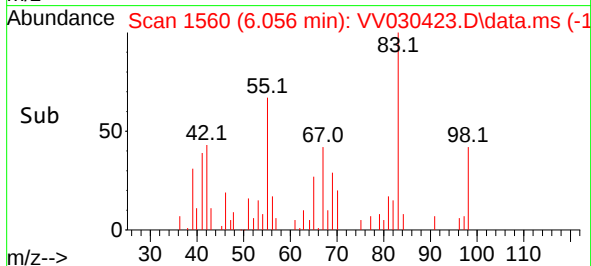
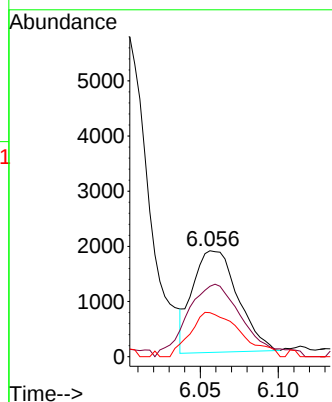
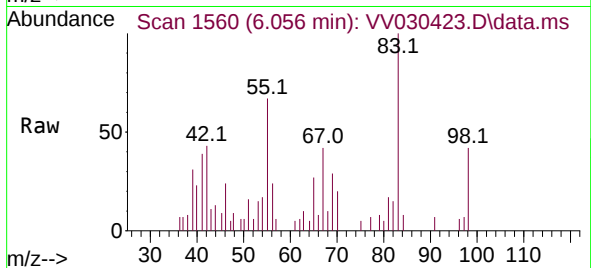
Ion	Ratio	Lower	Upper
83	100		
55	87.6	66.6	100.0
98	48.3	38.6	58.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#37

1,2-Dichloropropane

Concen: 0.166 ug/L

RT: 6.111 min Scan# 1577

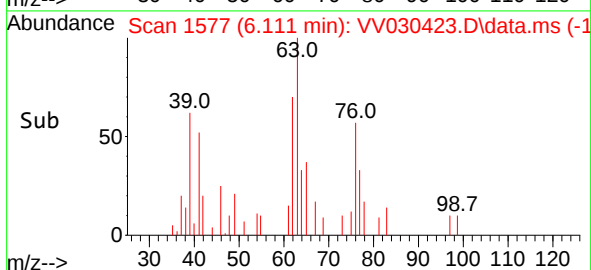
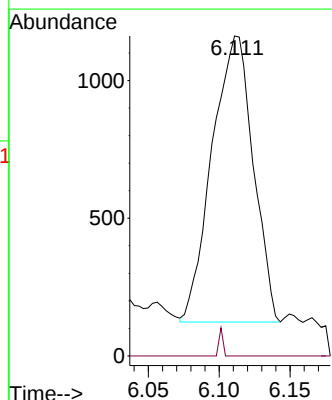
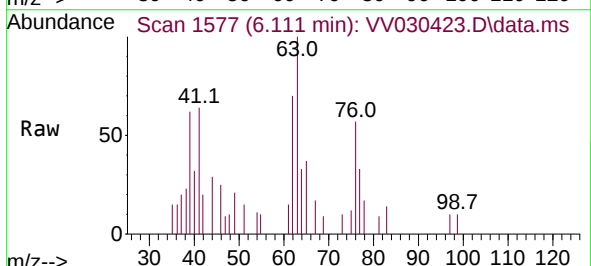
Delta R.T. 0.010 min

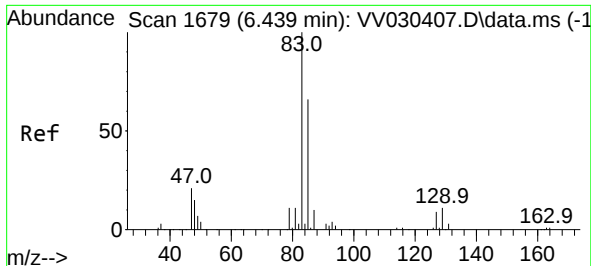
Lab File: VV030423.D

Acq: 06 Apr 2023 17:21

Tgt Ion: 63 Resp: 2105

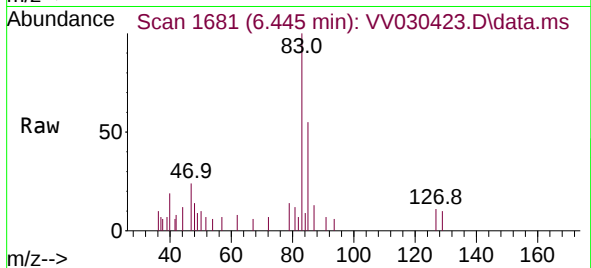
Ion	Ratio	Lower	Upper
63	100		
112	1.0	3.9	5.9





#38
Bromodichloromethane
Concen: 0.219 ug/L
RT: 6.445 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VV030423.D
Acq: 06 Apr 2023 17:21

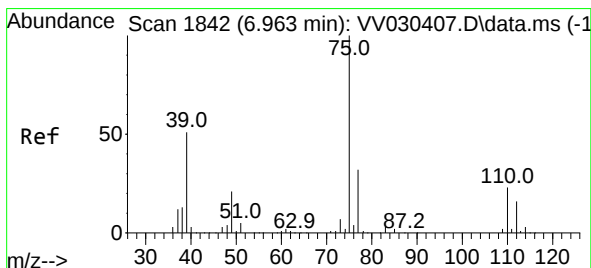
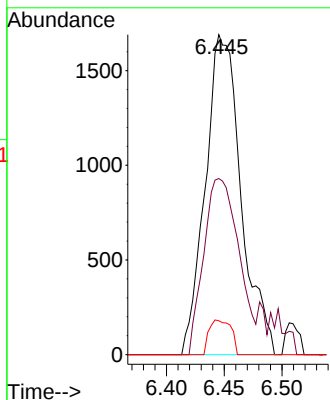
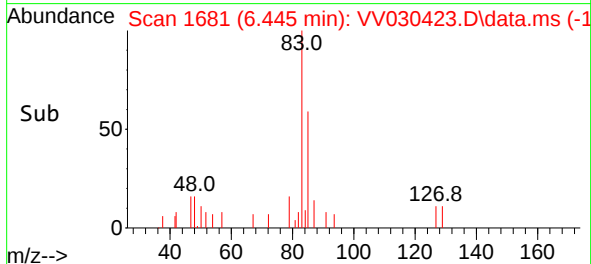
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2023-03



Tgt Ion: 83 Resp: 3630
Ion Ratio Lower Upper
83 100
85 55.0 45.3 84.1
127 10.6 7.0 10.4

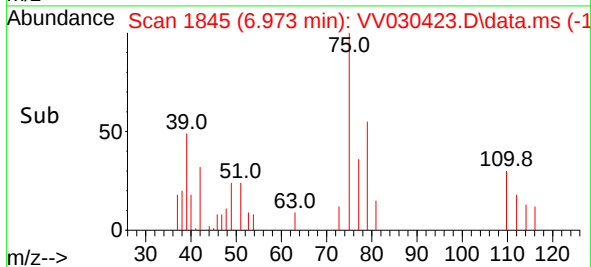
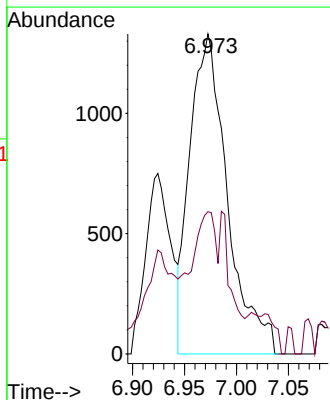
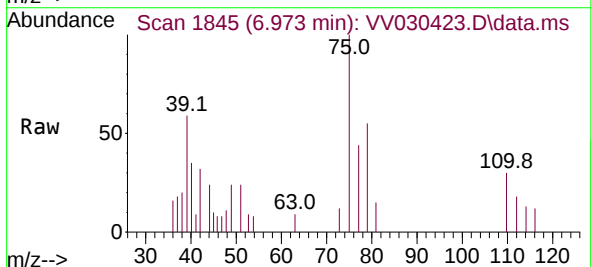
Manual Integrations
APPROVED

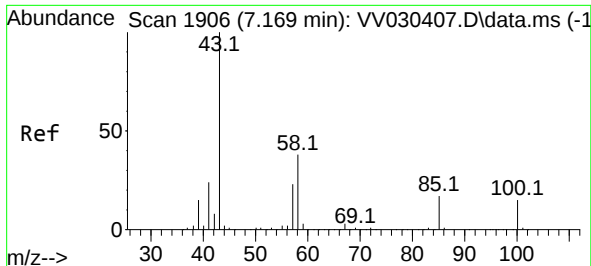
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#39
cis-1,3-Dichloropropene
Concen: 0.187 ug/L
RT: 6.973 min Scan# 1845
Delta R.T. 0.013 min
Lab File: VV030423.D
Acq: 06 Apr 2023 17:21

Tgt Ion: 75 Resp: 3340
Ion Ratio Lower Upper
75 100
77 44.4 22.0 41.0





#40

4-Methyl-2-pentanone

Concen: 1.487 ug/L

RT: 7.175 min Scan# 1906

Delta R.T. 0.010 min

Lab File: VV030423.D

Acq: 06 Apr 2023 17:21

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT2-2023-03

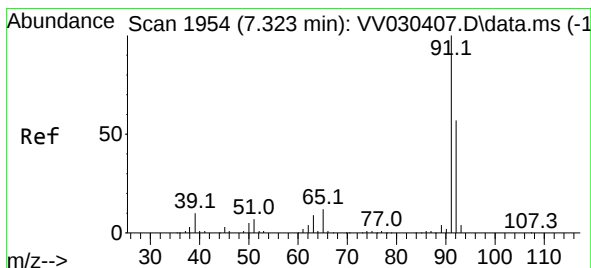
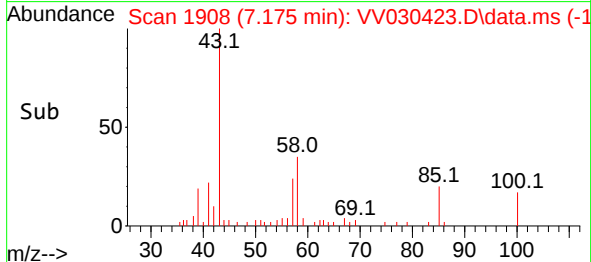
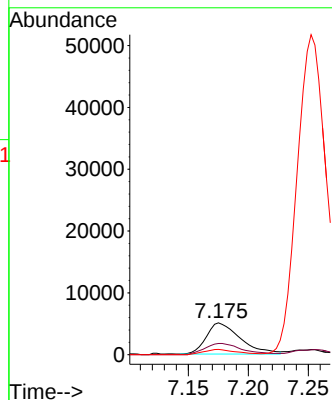
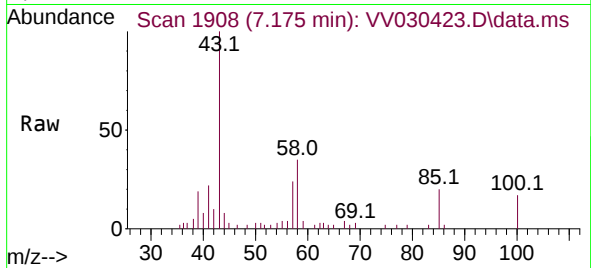
Tgt Ion: 43	Resp: 9940
Ion Ratio	Lower Upper
43	100
58	39.7 28.8 43.2
100	0.0 10.7 16.1

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#42

Toluene

Concen: 0.191 ug/L

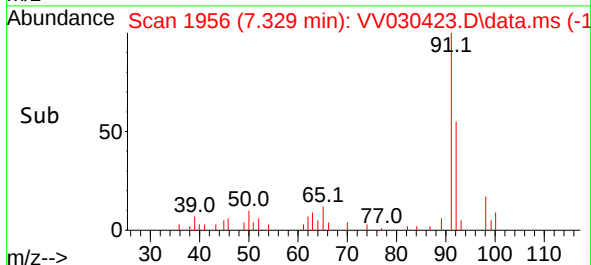
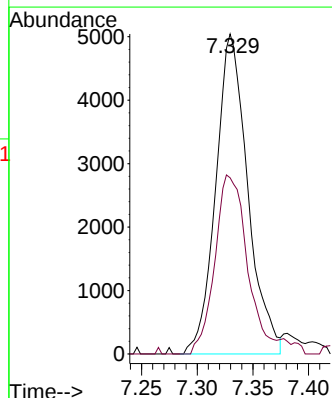
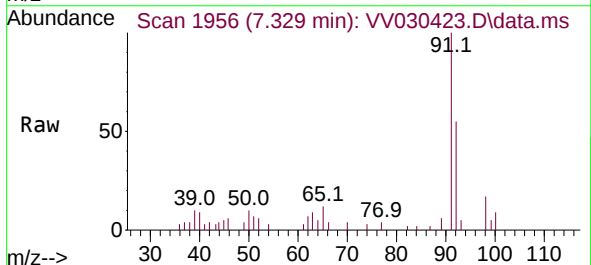
RT: 7.329 min Scan# 1956

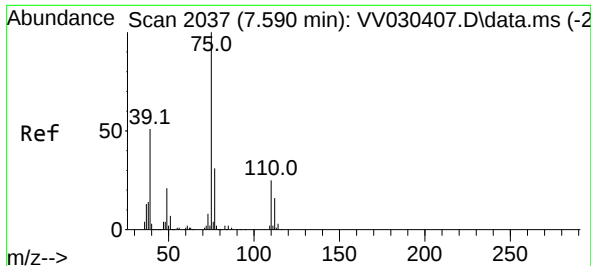
Delta R.T. 0.006 min

Lab File: VV030423.D

Acq: 06 Apr 2023 17:21

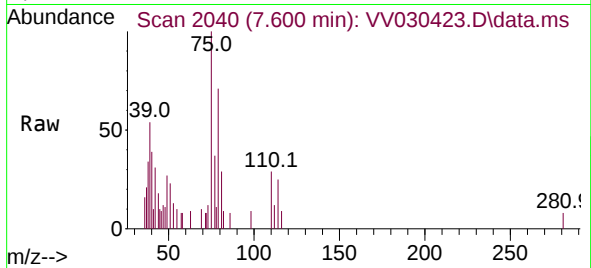
Tgt Ion: 91	Resp: 10061
Ion Ratio	Lower Upper
91	100
92	55.1 40.4 75.0





#44
trans-1,3-Dichloropropene
Concen: 0.191 ug/L
RT: 7.600 min Scan# 2040
Delta R.T. 0.010 min
Lab File: VV030423.D
Acq: 06 Apr 2023 17:21

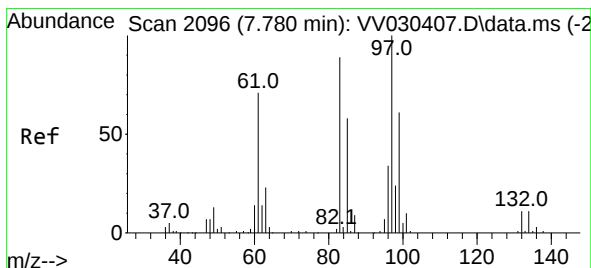
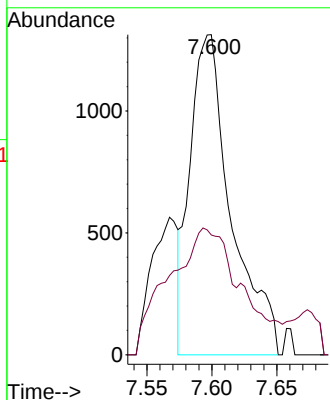
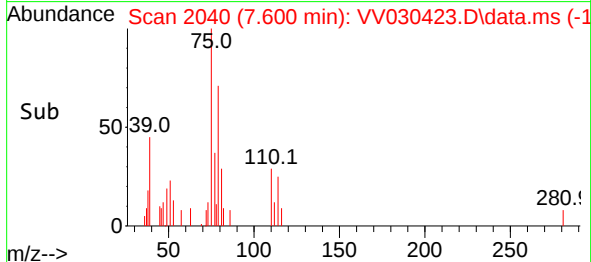
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2023-03



Tgt Ion: 75 Resp: 2890
Ion Ratio Lower Upper
75 100
77 37.4 21.2 39.4

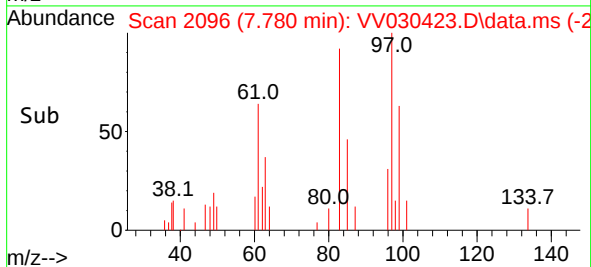
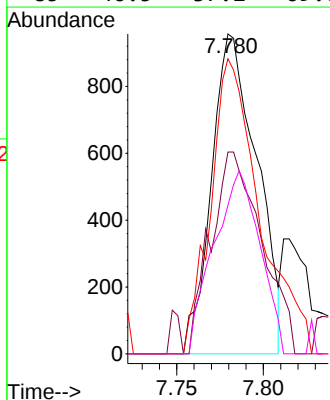
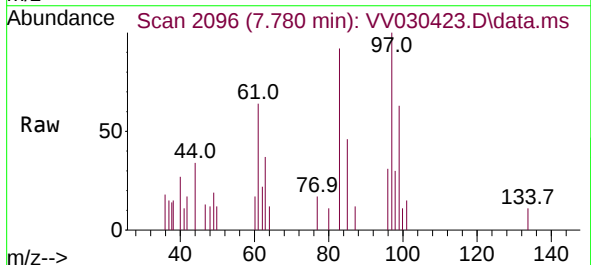
Manual Integrations
APPROVED

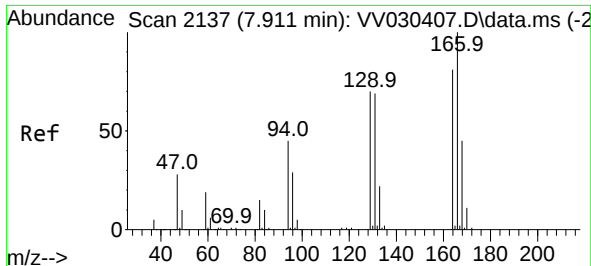
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#45
1,1,2-Trichloroethane
Concen: 0.195 ug/L
RT: 7.780 min Scan# 2096
Delta R.T. 0.003 min
Lab File: VV030423.D
Acq: 06 Apr 2023 17:21

Tgt Ion: 97 Resp: 1742
Ion Ratio Lower Upper
97 100
99 63.1 44.0 81.8
83 92.3 58.8 109.2
85 46.5 37.2 69.0





#47

Tetrachloroethene

Concen: 0.208 ug/L

RT: 7.918 min Scan# 2137

Delta R.T. 0.006 min

Lab File: VV030423.D

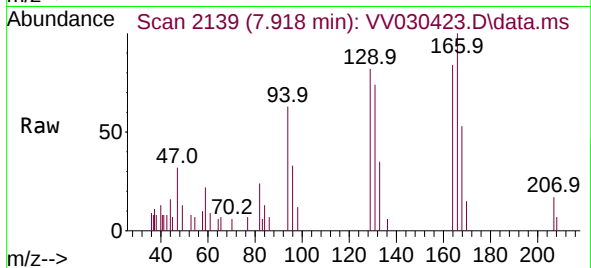
Acq: 06 Apr 2023 17:21

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT2-2023-03



Tgt Ion:164 Resp: 244

Ion Ratio Lower Upper

164 100

129 97.3 60.8 112.8

131 88.1 61.7 114.7

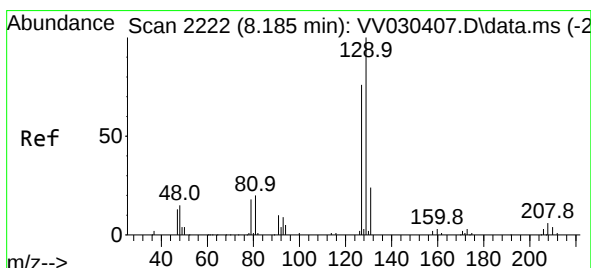
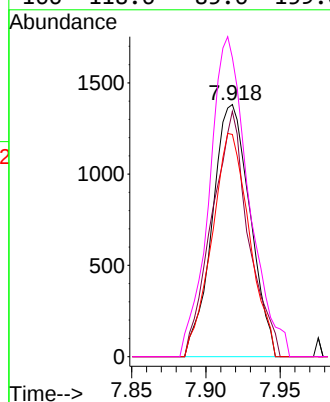
166 118.6 85.6 159.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#49

Dibromochloromethane

Concen: 0.230 ug/L

RT: 8.188 min Scan# 2223

Delta R.T. 0.003 min

Lab File: VV030423.D

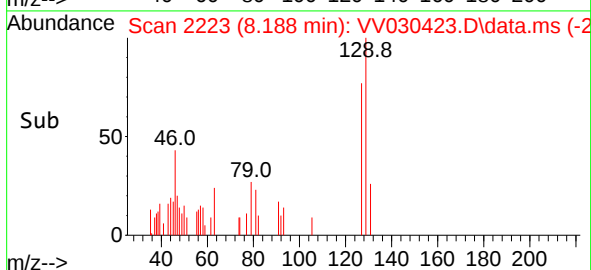
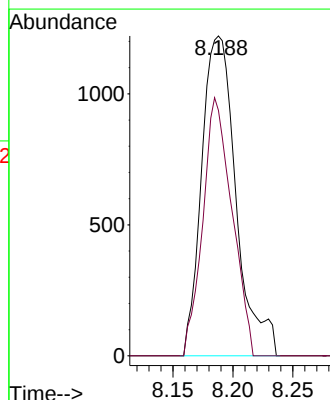
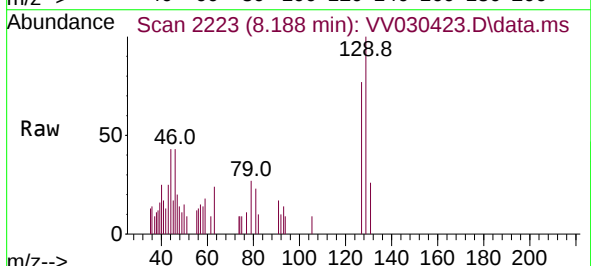
Acq: 06 Apr 2023 17:21

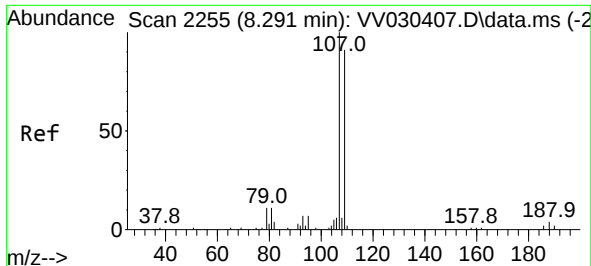
Tgt Ion:129 Resp: 2441

Ion Ratio Lower Upper

129 100

127 76.7 52.7 97.9





#50

1,2-Dibromoethane

Concen: 0.217 ug/L

RT: 8.294 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV030423.D

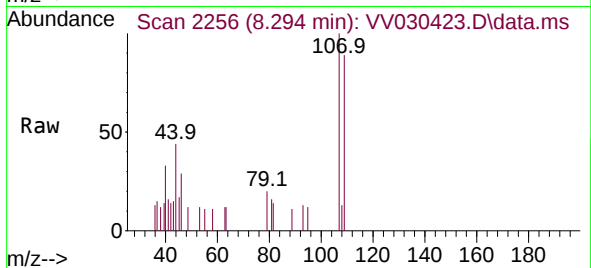
Acq: 06 Apr 2023 17:21

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT2-2023-03



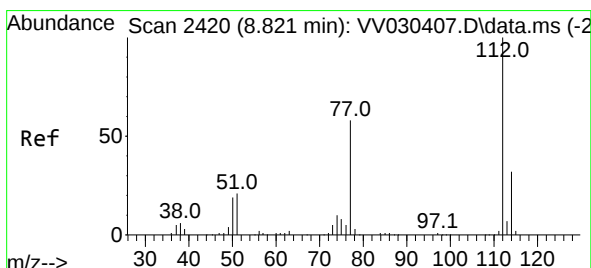
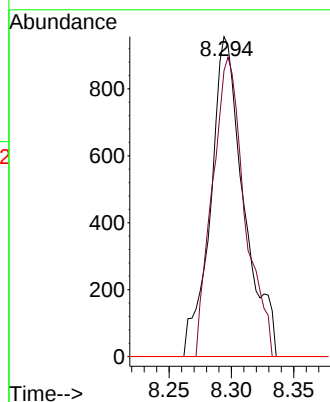
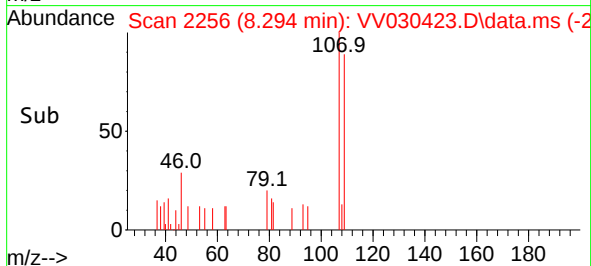
Tgt Ion:	107	Resp:	176
Ion Ratio	Lower	Upper	
107	100		
109	89.4	62.9	116.9
188	0.0	3.0	4.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#51

Chlorobenzene

Concen: 0.190 ug/L

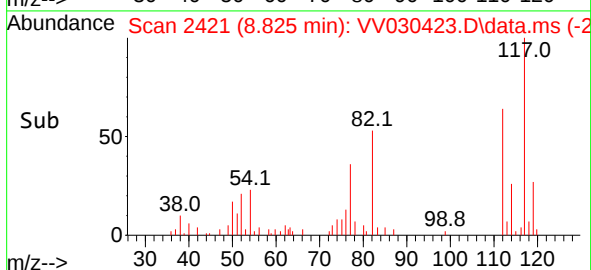
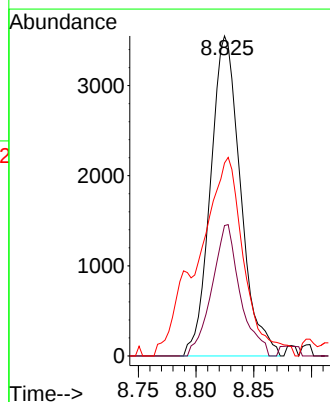
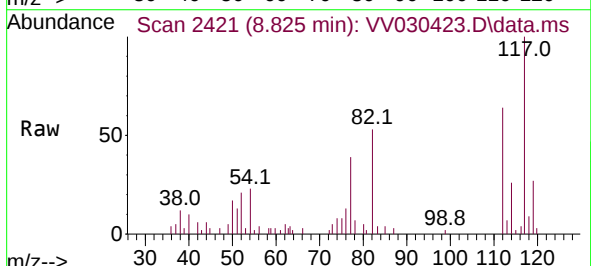
RT: 8.825 min Scan# 2421

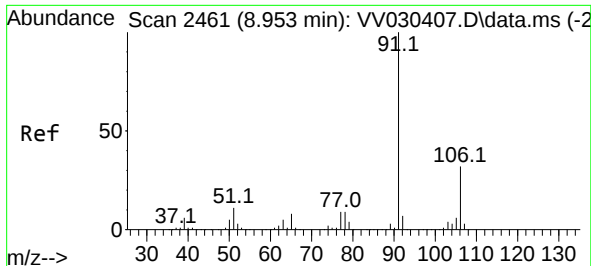
Delta R.T. 0.003 min

Lab File: VV030423.D

Acq: 06 Apr 2023 17:21

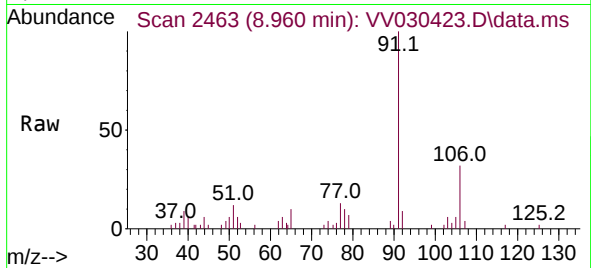
Tgt Ion:	112	Resp:	6417
Ion Ratio	Lower	Upper	
112	100		
114	40.7	22.4	41.6
77	60.3	45.9	68.9





#52
Ethylbenzene
Concen: 0.172 ug/L
RT: 8.960 min Scan# 2461
Delta R.T. 0.006 min
Lab File: VV030423.D
Acq: 06 Apr 2023 17:21

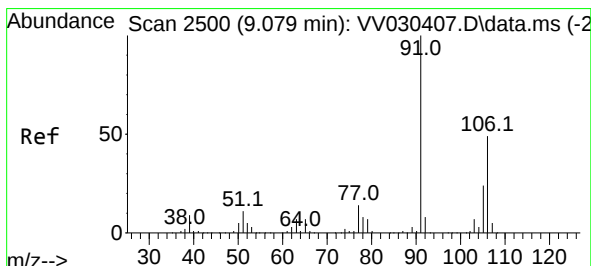
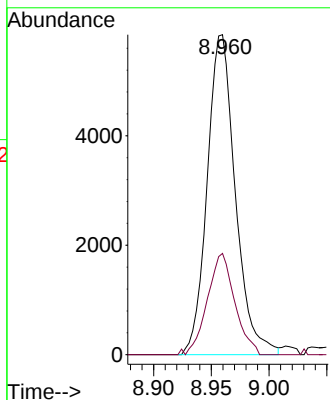
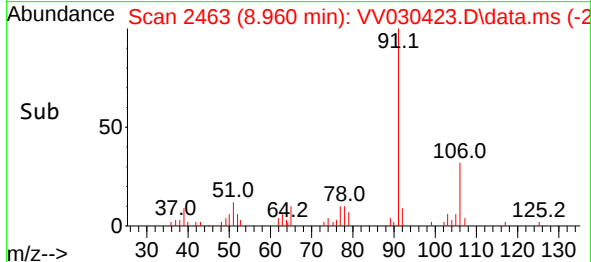
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2023-03



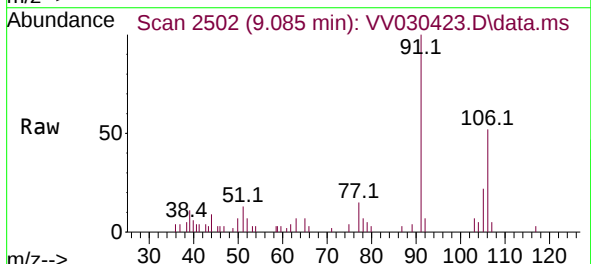
Tgt Ion: 91 Resp: 9920
Ion Ratio Lower Upper
91 100
106 31.7 22.2 41.2

Manual Integrations
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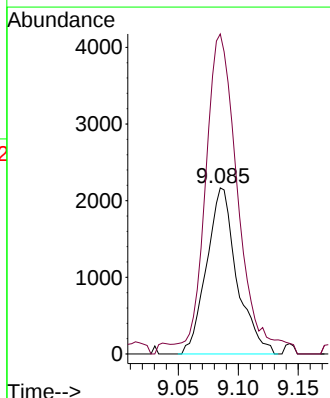
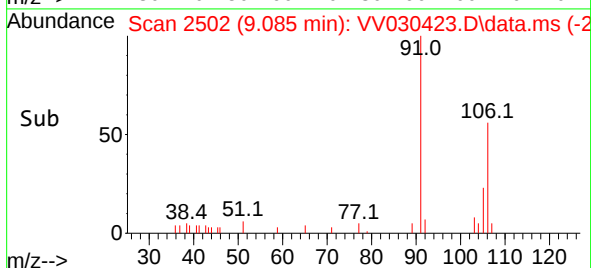
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023

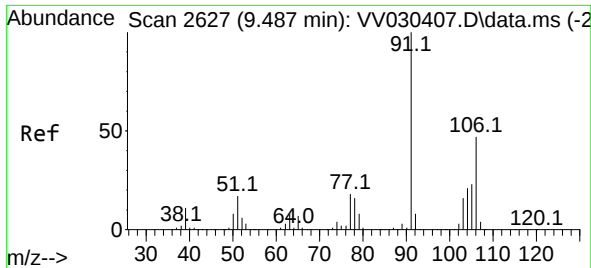


#53
m,p-Xylene
Concen: 0.172 ug/L
RT: 9.085 min Scan# 2502
Delta R.T. 0.006 min
Lab File: VV030423.D
Acq: 06 Apr 2023 17:21



Tgt Ion:106 Resp: 3800
Ion Ratio Lower Upper
106 100
91 192.6 142.4 264.4





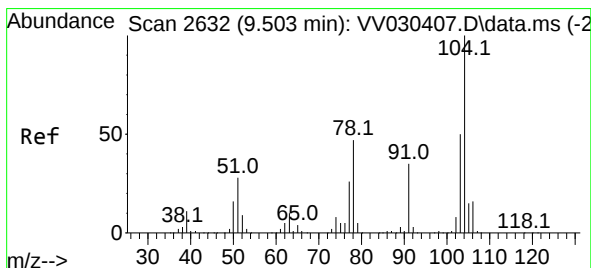
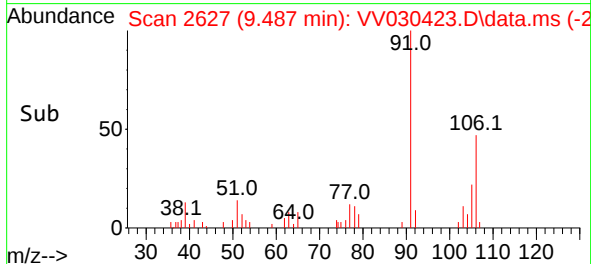
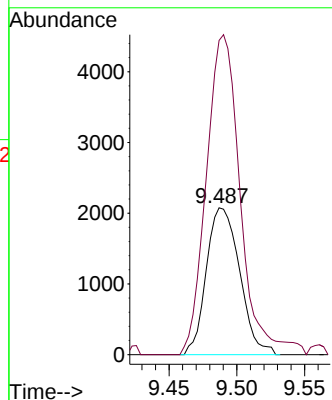
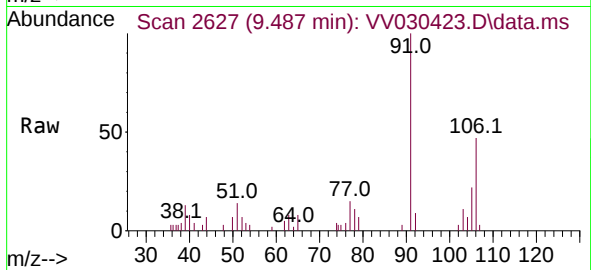
#54
o-Xylene
Concen: 0.168 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. -0.000 min
Lab File: VV030423.D
Acq: 06 Apr 2023 17:21

Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT2-2023-03

Tgt Ion:106 Resp: 354
Ion Ratio Lower Upper
106 100
91 214.0 149.8 278.2

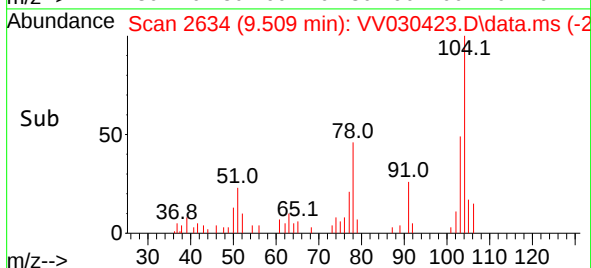
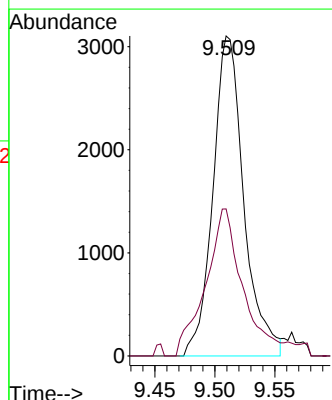
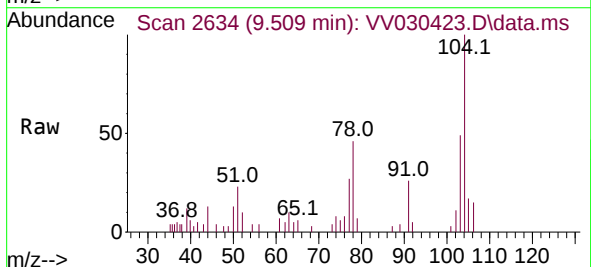
Manual Integrations
APPROVED

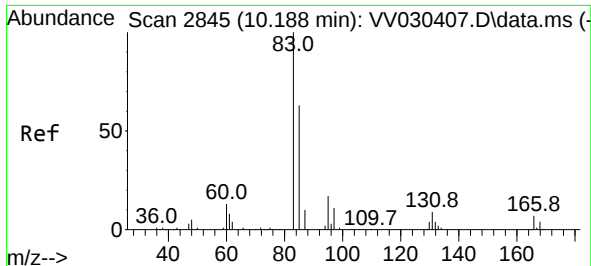
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#55
Styrene
Concen: 0.155 ug/L
RT: 9.509 min Scan# 2634
Delta R.T. 0.006 min
Lab File: VV030423.D
Acq: 06 Apr 2023 17:21

Tgt Ion:104 Resp: 5551
Ion Ratio Lower Upper
104 100
78 46.0 31.9 59.2





#57

1,1,2,2-Tetrachloroethane

Concen: 0.185 ug/L

RT: 10.188 min Scan# 2845

Delta R.T. 0.003 min

Lab File: VV030423.D

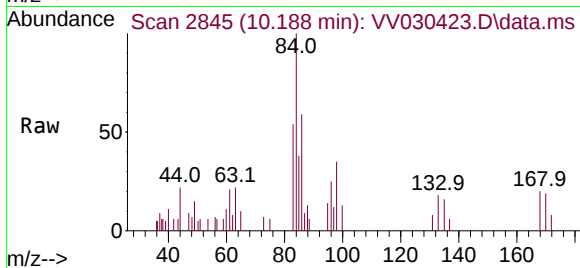
Acq: 06 Apr 2023 17:21

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT2-2023-03



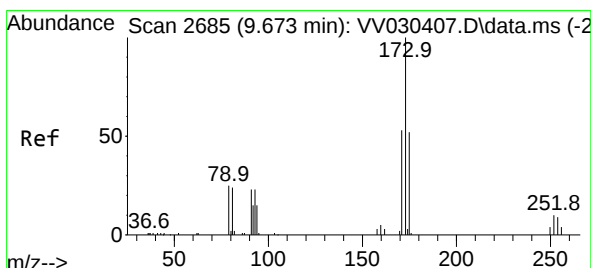
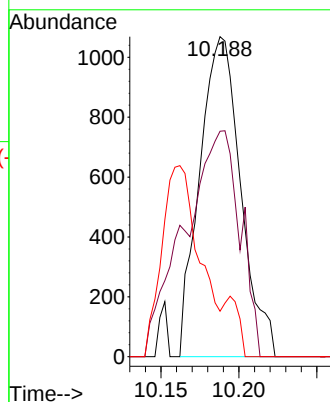
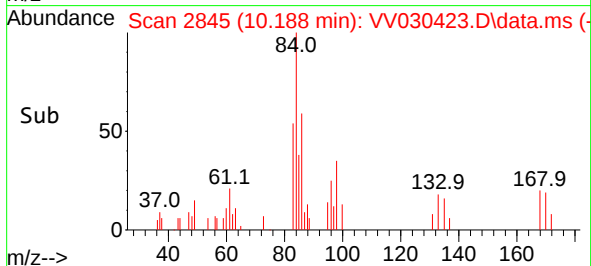
Tgt Ion:	83	Resp:	1958
Ion Ratio	100	Lower	Upper
83	100		
85	70.4	45.3	84.1
131	14.2	8.2	12.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#59

Bromoform

Concen: 0.221 ug/L

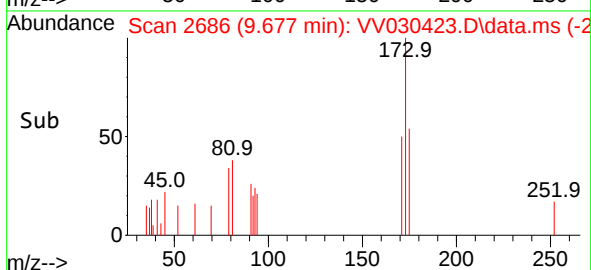
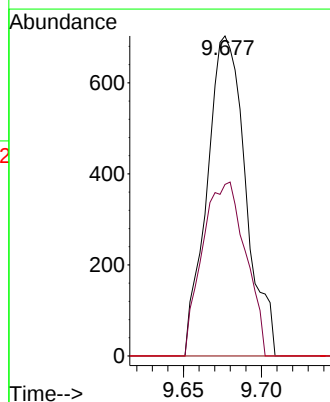
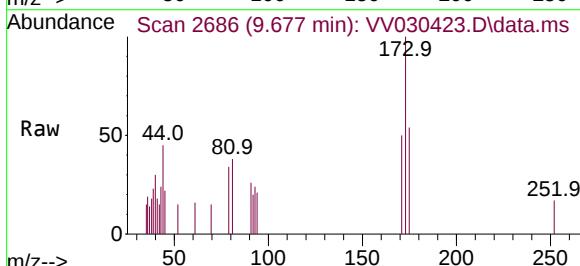
RT: 9.677 min Scan# 2686

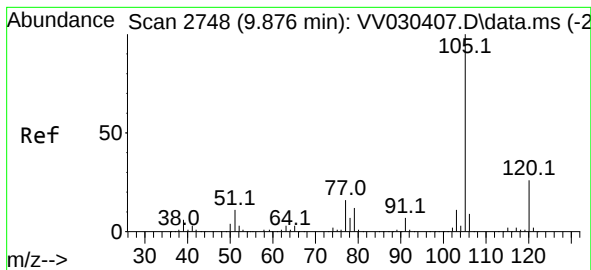
Delta R.T. 0.003 min

Lab File: VV030423.D

Acq: 06 Apr 2023 17:21

Tgt Ion:	173	Resp:	1214
Ion Ratio	100	Lower	Upper
173	100		
175	60.4	39.0	58.4#
254	0.0	8.2	12.4#





#60

Isopropylbenzene

Concen: 0.181 ug/L

RT: 9.876 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV030423.D

Acq: 06 Apr 2023 17:21

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT2-2023-03

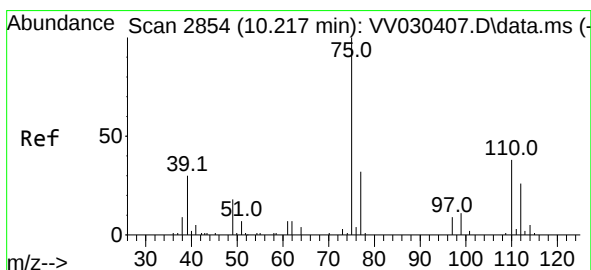
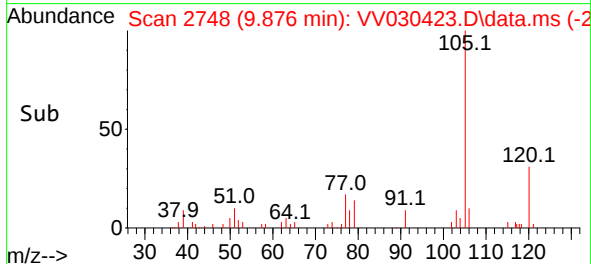
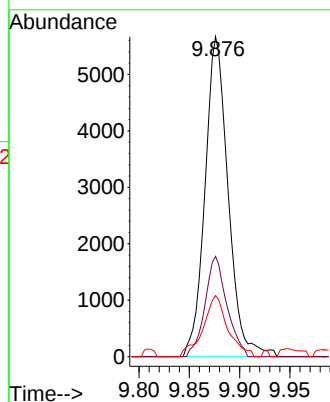
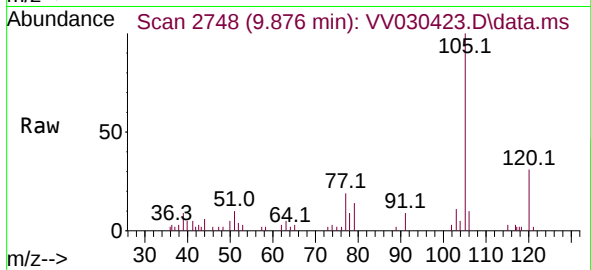
Tgt Ion:	105	Resp:	908
Ion Ratio	Lower	Upper	
105	100		
120	29.6	21.1	31.7
77	20.3	12.9	19.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#61

1,2,3-Trichloropropane

Concen: 0.260 ug/L

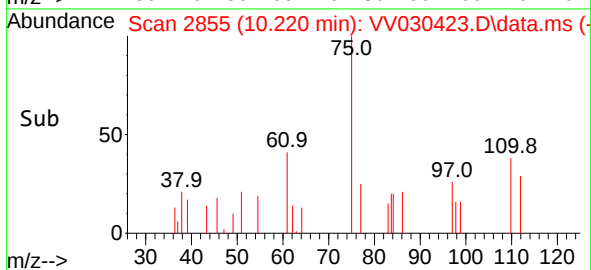
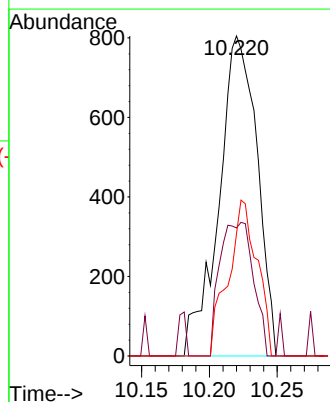
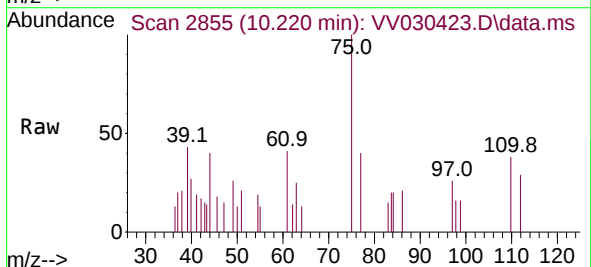
RT: 10.220 min Scan# 2855

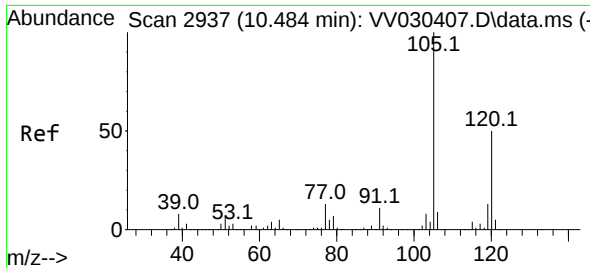
Delta R.T. 0.003 min

Lab File: VV030423.D

Acq: 06 Apr 2023 17:21

Tgt Ion:	75	Resp:	1578
Ion Ratio	Lower	Upper	
75	100		
77	36.8	26.0	39.0
110	36.8	31.6	47.4





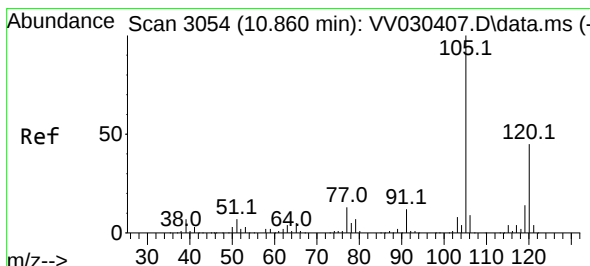
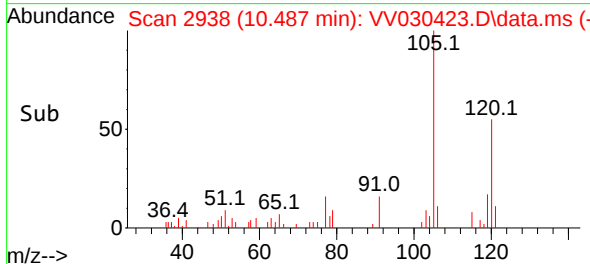
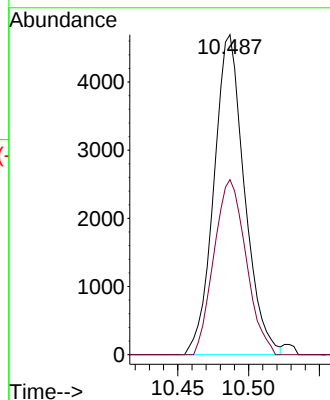
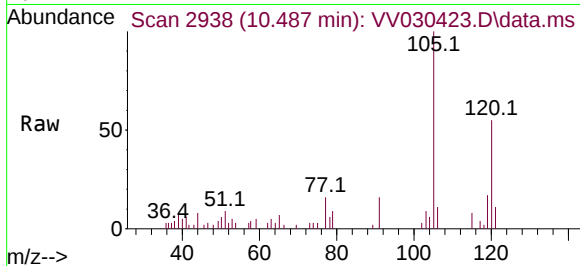
#62
1,3,5-Trimethylbenzene
Concen: 0.172 ug/L
RT: 10.487 min Scan# 2937
Delta R.T. 0.003 min
Lab File: VV030423.D
Acq: 06 Apr 2023 17:21

Instrument : MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2023-03

Tgt Ion:105 Resp: 7050
Ion Ratio Lower Upper
105 100
120 57.2 38.9 58.3

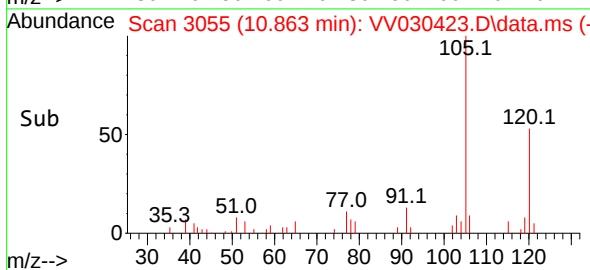
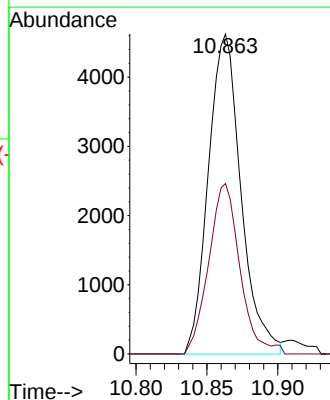
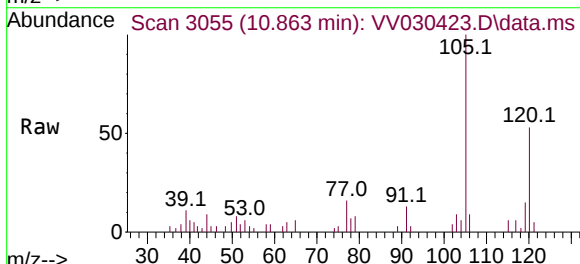
Manual Integrations
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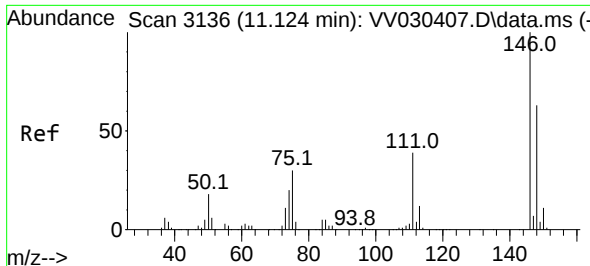
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#63
1,2,4-Trimethylbenzene
Concen: 0.178 ug/L
RT: 10.863 min Scan# 3055
Delta R.T. 0.003 min
Lab File: VV030423.D
Acq: 06 Apr 2023 17:21

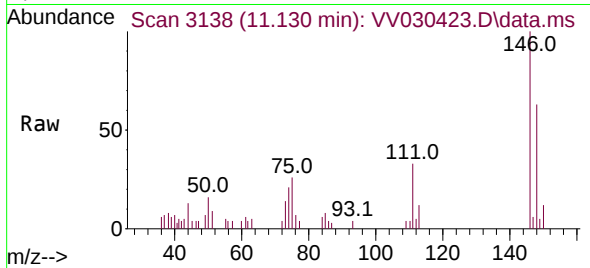
Tgt Ion:105 Resp: 7404
Ion Ratio Lower Upper
105 100
120 50.9 36.8 55.2





#64
1,3-Dichlorobenzene
Concen: 0.212 ug/L
RT: 11.130 min Scan# 3136
Delta R.T. 0.006 min
Lab File: VV030423.D
Acq: 06 Apr 2023 17:21

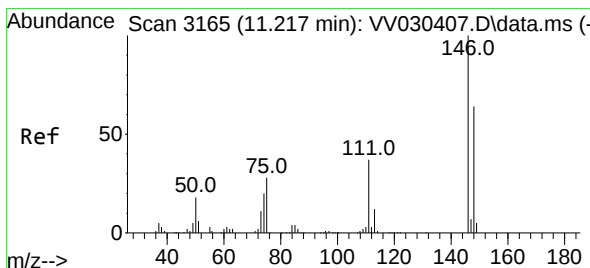
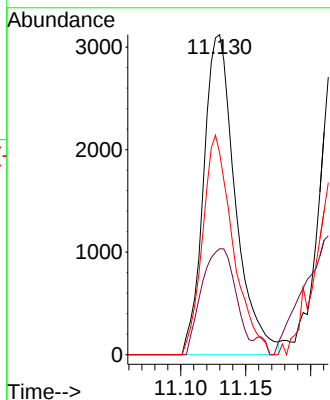
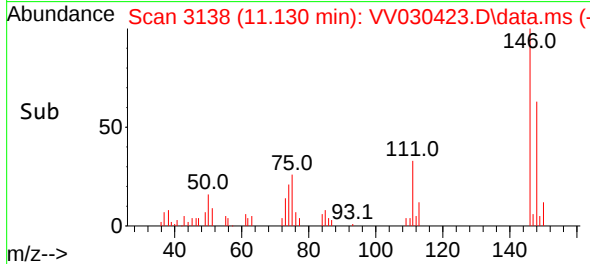
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2023-03



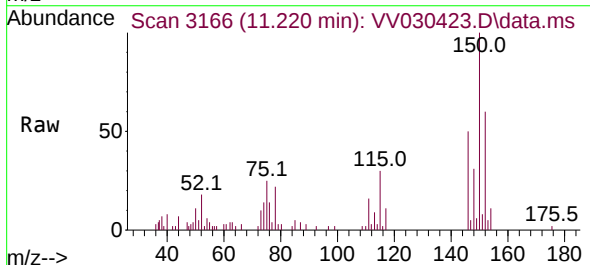
Tgt Ion:146 Resp: 5294
Ion Ratio Lower Upper
146 100
111 33.1 27.0 50.2
148 63.1 44.2 82.2

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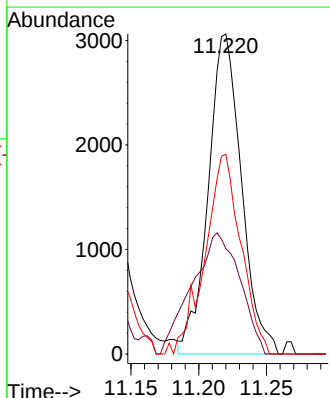
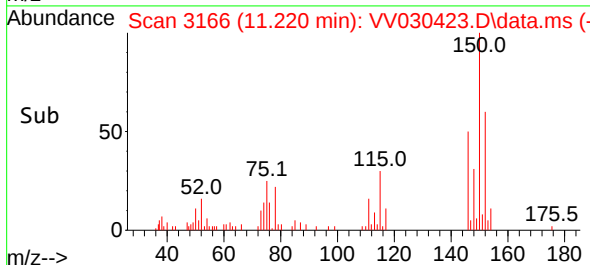
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023

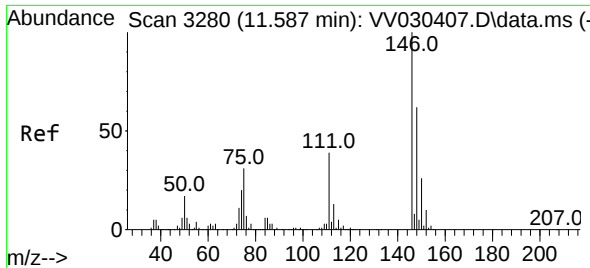


#65
1,4-Dichlorobenzene
Concen: 0.207 ug/L
RT: 11.220 min Scan# 3166
Delta R.T. 0.003 min
Lab File: VV030423.D
Acq: 06 Apr 2023 17:21



Tgt Ion:146 Resp: 5219
Ion Ratio Lower Upper
146 100
111 32.9 26.0 48.4
148 62.4 45.2 84.0





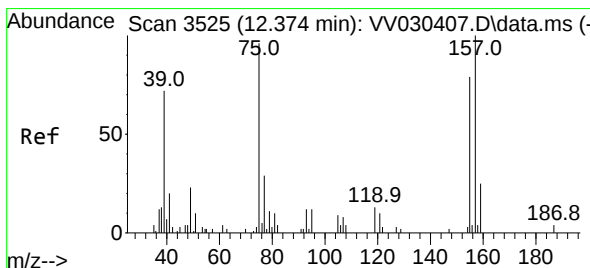
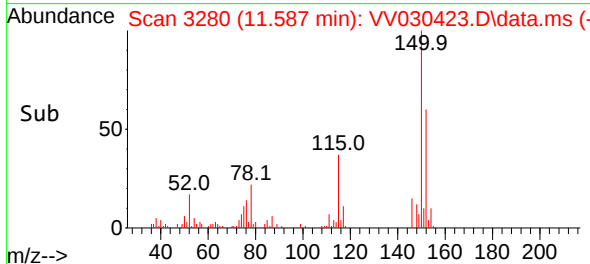
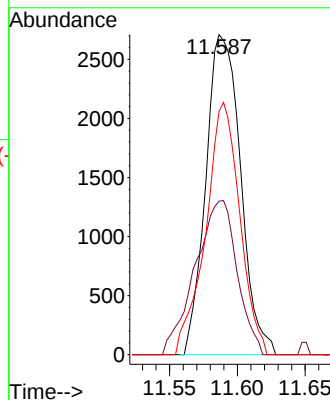
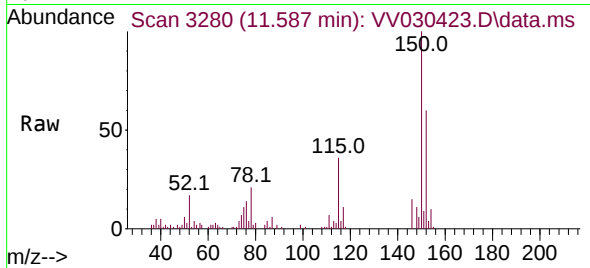
#67
1,2-Dichlorobenzene
Concen: 0.215 ug/L
RT: 11.587 min Scan# 3111
Delta R.T. -0.000 min
Lab File: VV030423.D
Acq: 06 Apr 2023 17:21

Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT2-2023-03

Tgt Ion:146 Resp: 4830
Ion Ratio Lower Upper
146 100
111 48.0 33.1 49.7
148 76.1 52.2 78.2

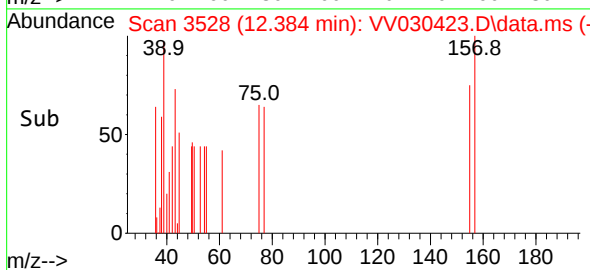
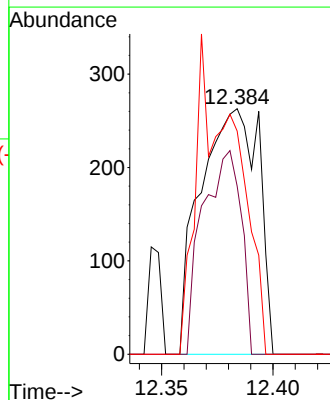
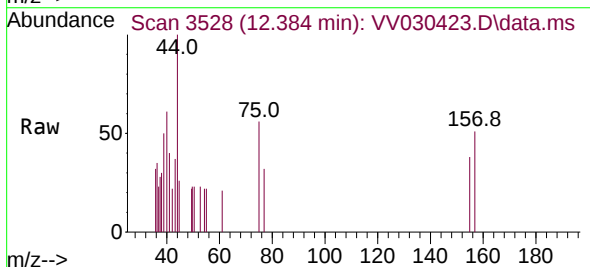
Manual Integrations
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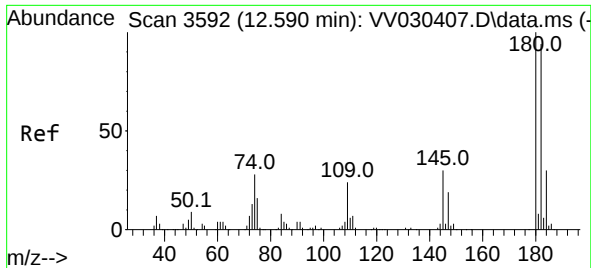
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#68
1,2-Dibromo-3-chloropropane
Concen: 0.317 ug/L
RT: 12.384 min Scan# 3528
Delta R.T. 0.013 min
Lab File: VV030423.D
Acq: 06 Apr 2023 17:21

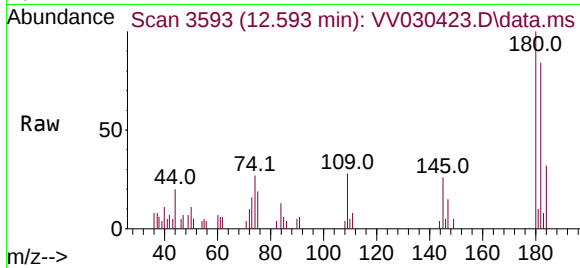
Tgt Ion: 75 Resp: 479
Ion Ratio Lower Upper
75 100
155 68.4 64.6 96.8
157 90.9 83.8 125.6





#69
 1,3,5-Trichlorobenzene
 Concen: 0.213 ug/L
 RT: 12.593 min Scan# 3593
 Delta R.T. 0.003 min
 Lab File: VV030423.D
 Acq: 06 Apr 2023 17:21

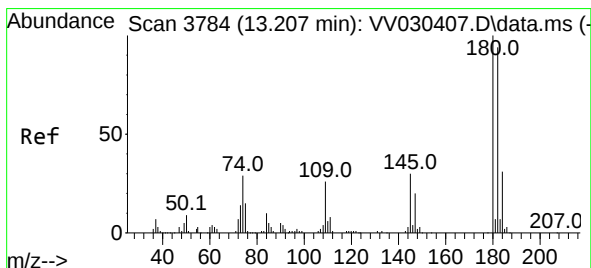
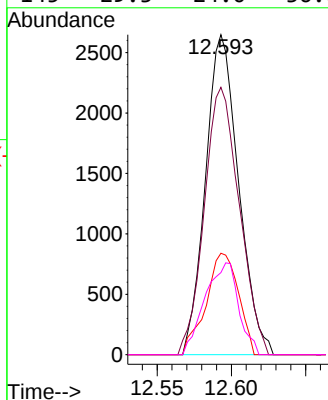
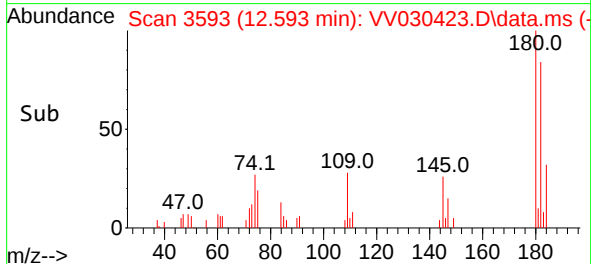
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT2-2023-03



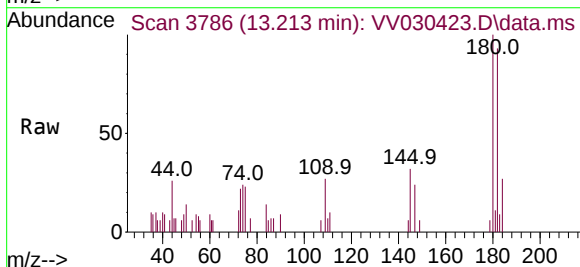
Tgt Ion	Ratio	Lower	Upper
180	100		
182	88.3	76.5	114.7
184	31.2	24.0	36.0
145	29.3	24.0	36.0

Manual Integrations
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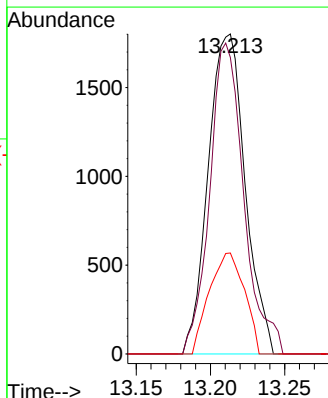
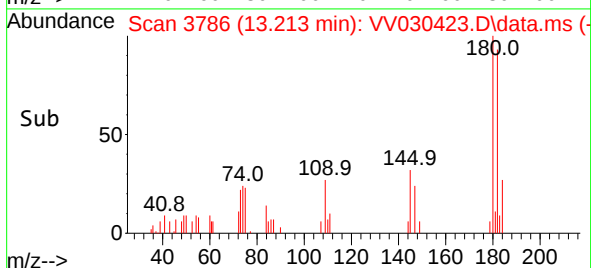
Reviewed By :Krupa Patel 04/07/2023
 Supervised By :Mahesh Dadoda 04/07/2023

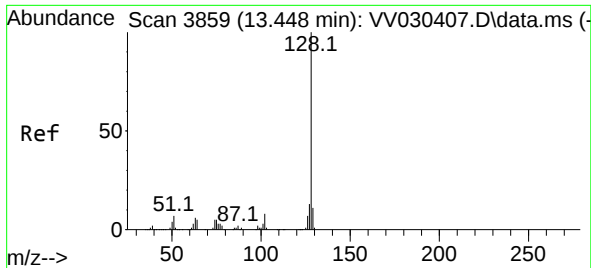


#70
 1,2,4-trichlorobenzene
 Concen: 0.210 ug/L
 RT: 13.213 min Scan# 3786
 Delta R.T. 0.006 min
 Lab File: VV030423.D
 Acq: 06 Apr 2023 17:21



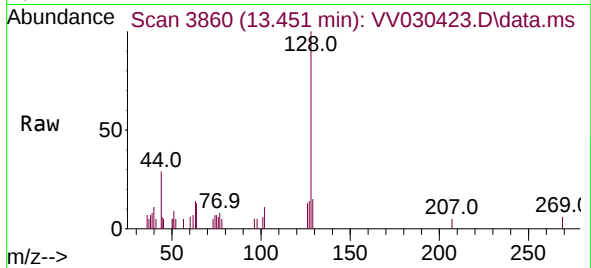
Tgt Ion	Ratio	Lower	Upper
180	100		
182	89.9	75.3	112.9
145	29.9	23.8	35.6





#71
Naphthalene
Concen: 0.196 ug/L
RT: 13.451 min Scan# 3860
Delta R.T. 0.003 min
Lab File: VV030423.D
Acq: 06 Apr 2023 17:21

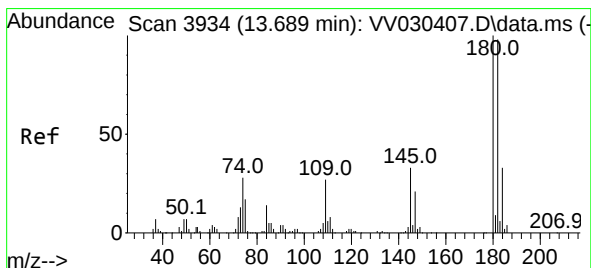
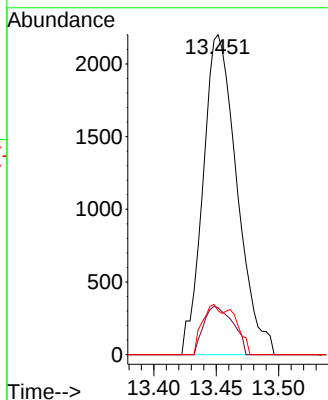
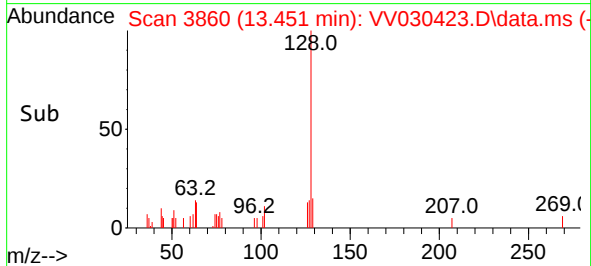
Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT2-2023-03



Tgt Ion:128 Resp: 416
Ion Ratio Lower Upper
128 100
129 13.1 8.9 13.3
127 8.9 10.8 16.2

Manual Integrations
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Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#72
1,2,3-Trichlorobenzene
Concen: 0.212 ug/L
RT: 13.689 min Scan# 3934
Delta R.T. -0.000 min
Lab File: VV030423.D
Acq: 06 Apr 2023 17:21

Tgt Ion:180 Resp: 2732
Ion Ratio Lower Upper
180 100
182 84.7 76.6 115.0
145 31.4 25.0 37.4

