

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040723\
 Data File : VW030437.D
 Acq On : 07 Apr 2023 12:54
 Operator : SY/MD
 Sample : 02215-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT2-2023-04

Quant Time: Apr 10 04:22:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Apr 10 03:52:52 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 04/11/2023
 Supervised By :Mahesh Dadoda 04/11/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	117365	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	115692	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	58500	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	35555	4.574	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.400%
7) Chloroethane-d5	1.535	69	37032	4.909	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.200%
11) 1,1-Dichloroethene-d2	2.066	63	65029	3.526	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.600%
20) 2-Butanone-d5	3.812	46	93445	46.510	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.020%
24) Chloroform-d	4.262	84	94312	5.013	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
26) 1,2-Dichloroethane-d4	4.953	65	48284	5.440	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.800%
32) Benzene-d6	4.973	84	170356	5.225	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.600%
36) 1,2-Dichloropropane-d6	5.998	67	52855	5.179	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.600%
41) Toluene-d8	7.252	98	147860	4.939	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.800%
43) trans-1,3-Dichloroprop...	7.564	79	17089	4.447	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.000%
46) 2-Hexanone-d5	8.034	63	72054	46.662	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.320%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	37757	4.694	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.800%
66) 1,2-Dichlorobenzene-d4	11.570	152	59233	5.665	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	2802	0.188	ug/L	97
3) Chloromethane	1.217	50	8561	0.455	ug/L	94
5) Vinyl chloride	1.285	62	2780	0.203	ug/L #	75
6) Bromomethane	1.494	94	1189	0.304	ug/L	84
8) Chloroethane	1.555	64	1988	0.253	ug/L	90
9) Trichlorofluoromethane	1.719	101	4332	0.217	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	2898	0.262	ug/L #	84
12) 1,1-Dichloroethene	2.072	96	2445	0.249	ug/L #	1
13) Acetone	2.140	43	9678	5.037	ug/L	81
14) Carbon disulfide	2.249	76	5833	0.181	ug/L	99
15) Methyl Acetate	2.394	43	681m	0.198	ug/L	
17) Methyl tert-butyl Ether	2.715	73	3641	0.175	ug/L #	84
18) trans-1,2-Dichloroethene	2.703	96	2015	0.195	ug/L	90
19) 1,1-Dichloroethane	3.124	63	4006	0.200	ug/L	98
21) 2-Butanone	3.915	43	5927m	2.451	ug/L	
22) cis-1,2-Dichloroethene	3.828	96	2275	0.219	ug/L #	100
23) Bromochloromethane	4.166	128	1034	0.214	ug/L #	87
27) 1,2-Dichloroethane	5.063	62	2744	0.224	ug/L #	78
29) 1,1,1-Trichloroethane	4.526	97	4118	0.221	ug/L #	87

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) Cyclohexane	4.600	56	3195	0.189	ug/L	87
31) Carbon tetrachloride	4.747	117	3550	0.210	ug/L	96
33) Benzene	5.024	78	8469	0.206	ug/L	100
34) Trichloroethene	5.850	95	1967	0.177	ug/L	86
35) Methylcyclohexane	6.056	83	3493	0.201	ug/L	96
37) 1,2-Dichloropropane	6.108	63	2413	0.229	ug/L #	88
38) Bromodichloromethane	6.445	83	2722	0.197	ug/L #	92
39) cis-1,3-Dichloropropene	6.976	75	3127	0.211	ug/L	89
40) 4-Methyl-2-pentanone	7.175	43	7865	1.415	ug/L #	82
42) Toluene	7.329	91	8388	0.192	ug/L	100
44) trans-1,3-Dichloropropene	7.593	75	2738	0.217	ug/L	93
45) 1,1,2-Trichloroethane	7.789	97	1542	0.208	ug/L	88
47) Tetrachloroethene	7.915	164	2136	0.218	ug/L	85
48) 2-Hexanone	8.091	43	11419m	2.743	ug/L	
49) Dibromochloromethane	8.185	129	1559	0.176	ug/L	82
50) 1,2-Dibromoethane	8.294	107	1339	0.198	ug/L #	100
51) Chlorobenzene	8.825	112	5698	0.203	ug/L	97
52) Ethylbenzene	8.956	91	8471	0.177	ug/L	95
53) m,p-Xylene	9.085	106	3231	0.176	ug/L	95
54) o-Xylene	9.487	106	2997	0.171	ug/L	89
55) Styrene	9.509	104	4746	0.159	ug/L	91
57) 1,1,2,2-Tetrachloroethane	10.188	83	1980	0.225	ug/L #	92
59) Bromoform	9.677	173	987	0.209	ug/L #	94
60) Isopropylbenzene	9.876	105	7837	0.182	ug/L	98
61) 1,2,3-Trichloropropane	10.220	75	1106	0.211	ug/L #	70
62) 1,3,5-Trimethylbenzene	10.487	105	6834	0.194	ug/L	98
63) 1,2,4-Trimethylbenzene	10.860	105	6529	0.182	ug/L	98
64) 1,3-Dichlorobenzene	11.127	146	4484	0.208	ug/L	95
65) 1,4-Dichlorobenzene	11.220	146	4337	0.200	ug/L	92
67) 1,2-Dichlorobenzene	11.590	146	3710	0.191	ug/L	92
68) 1,2-Dibromo-3-chloropr...	12.387	75	292m	0.224	ug/L	
69) 1,3,5-Trichlorobenzene	12.593	180	3444	0.208	ug/L	96
70) 1,2,4-trichlorobenzene	13.210	180	2652	0.207	ug/L	95
71) Naphthalene	13.455	128	4208	0.230	ug/L #	94
72) 1,2,3-Trichlorobenzene	13.689	180	2008	0.181	ug/L #	93

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

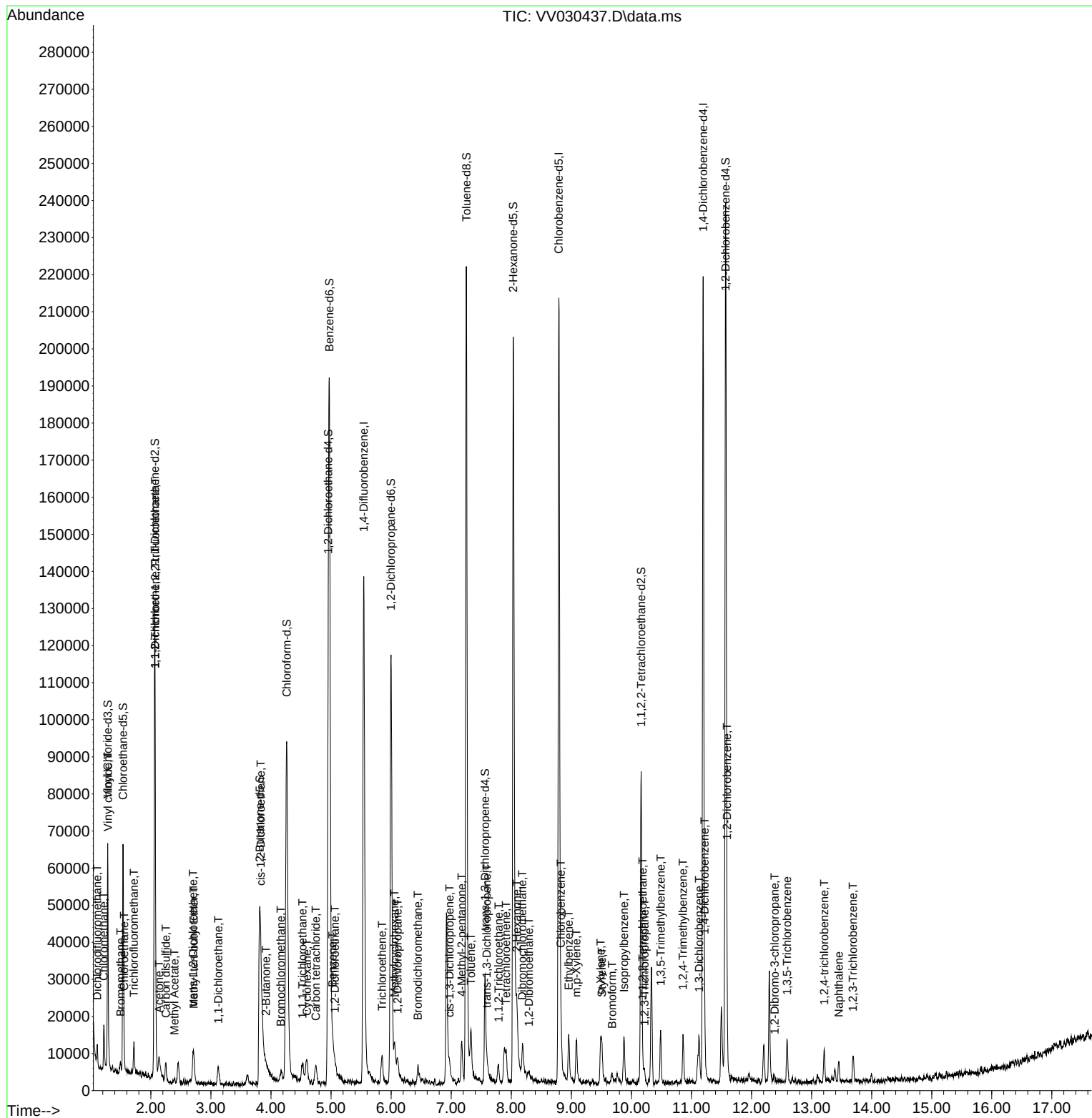
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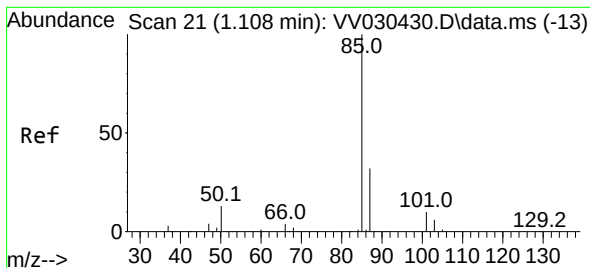
Instrument :
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ClientSampleId :
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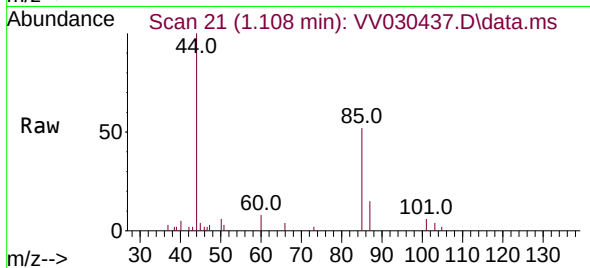
Reviewed By :Krupa Patel 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023





#2
Dichlorodifluoromethane
Concen: 0.188 ug/L
RT: 1.108 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV030437.D
Acq: 07 Apr 2023 12:54

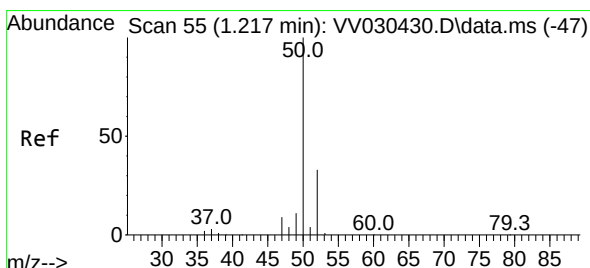
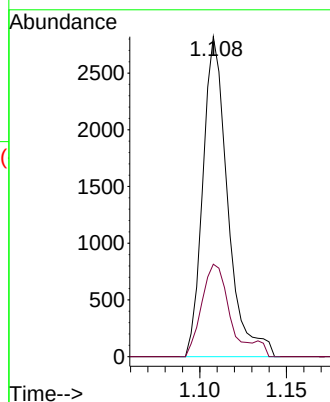
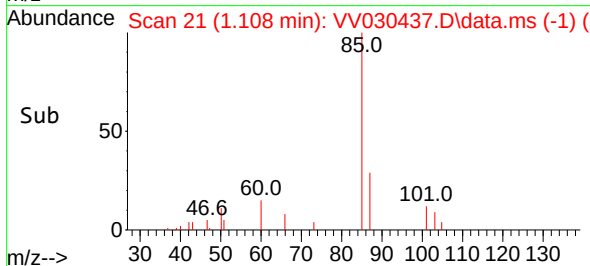
Instrument : MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2023-04



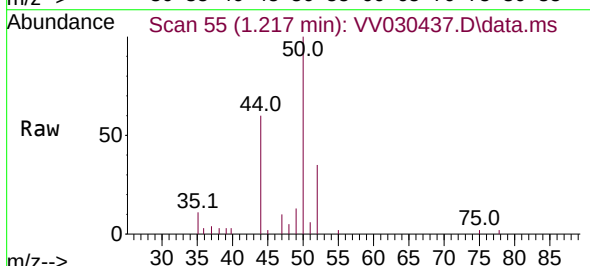
Tgt Ion: 85 Resp: 280
Ion Ratio Lower Upper
85 100
87 33.9 25.6 38.4

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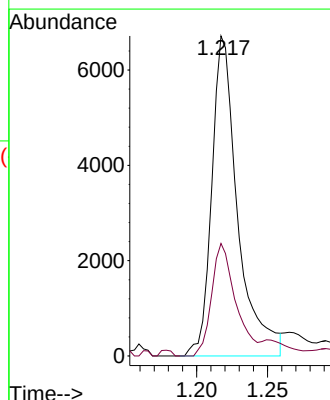
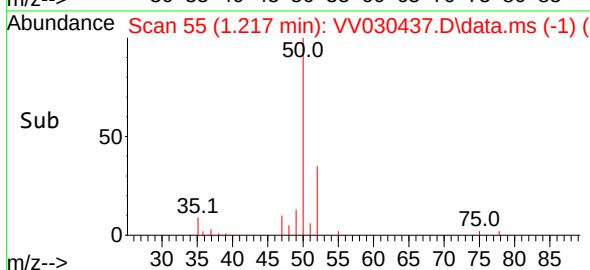
Reviewed By :Krupa Patel 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023

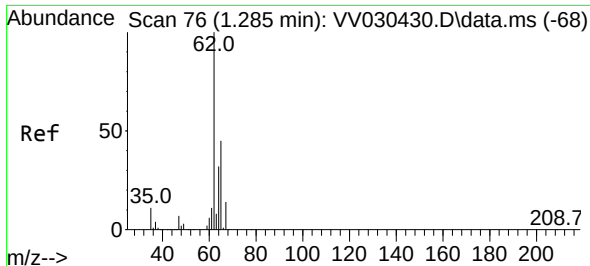


#3
Chloromethane
Concen: 0.455 ug/L
RT: 1.217 min Scan# 55
Delta R.T. -0.000 min
Lab File: VV030437.D
Acq: 07 Apr 2023 12:54



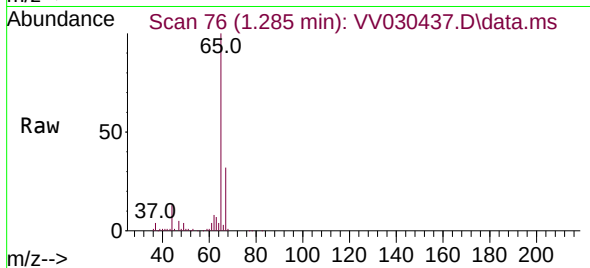
Tgt Ion: 50 Resp: 8561
Ion Ratio Lower Upper
50 100
52 35.2 22.3 41.5





#5
 Vinyl chloride
 Concen: 0.203 ug/L
 RT: 1.285 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: VV030437.D
 Acq: 07 Apr 2023 12:54

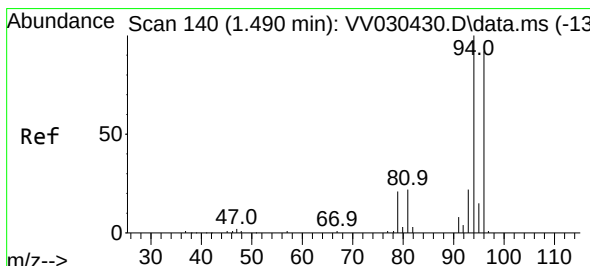
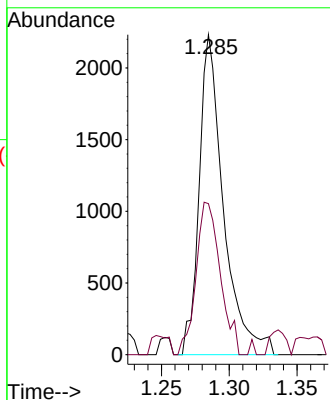
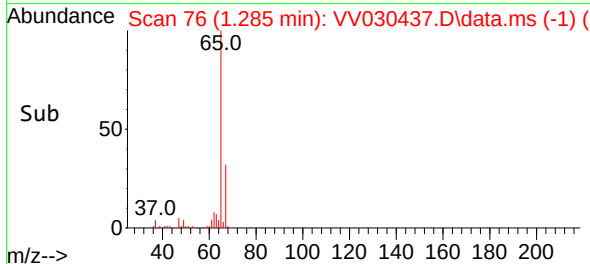
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT2-2023-04



Tgt Ion: 62 Resp: 2780
 Ion Ratio Lower Upper
 62 100
 64 47.2 23.2 43.2

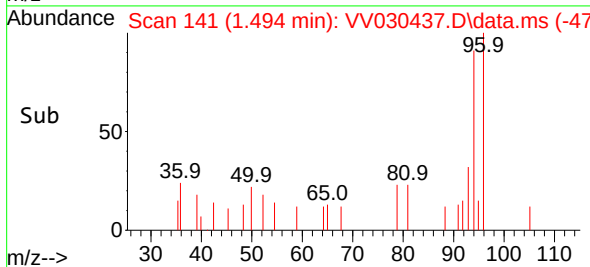
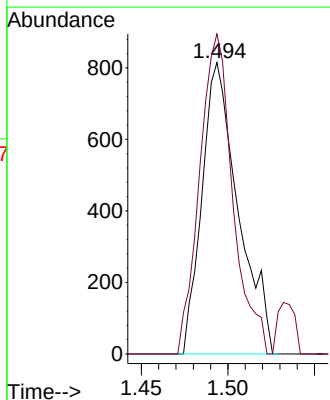
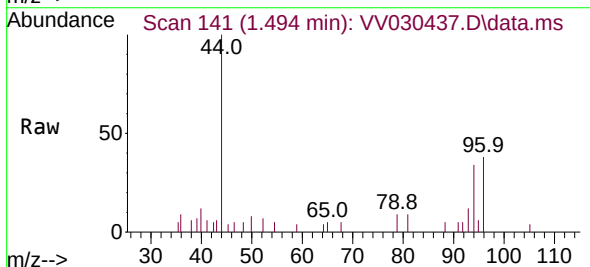
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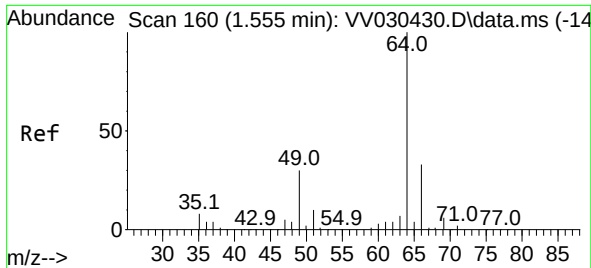
Reviewed By :Krupa Patel 04/11/2023
 Supervised By :Mahesh Dadoda 04/11/2023



#6
 Bromomethane
 Concen: 0.304 ug/L
 RT: 1.494 min Scan# 141
 Delta R.T. 0.003 min
 Lab File: VV030437.D
 Acq: 07 Apr 2023 12:54

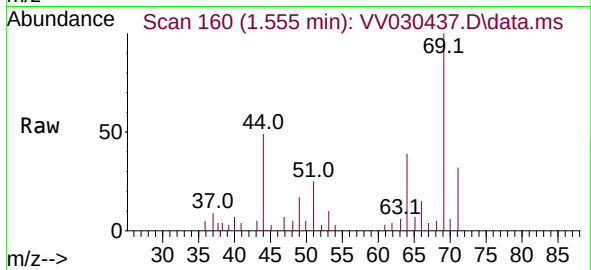
Tgt Ion: 94 Resp: 1189
 Ion Ratio Lower Upper
 94 100
 96 109.8 66.1 122.7





#8
Chloroethane
Concen: 0.253 ug/L
RT: 1.555 min Scan# 160
Delta R.T. -0.000 min
Lab File: VV030437.D
Acq: 07 Apr 2023 12:54

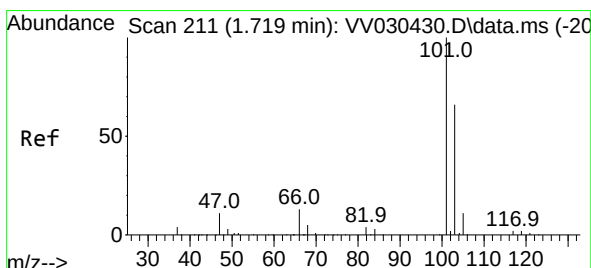
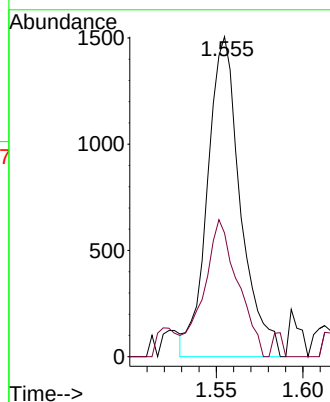
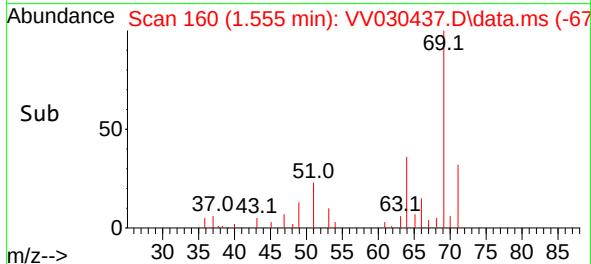
Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT2-2023-04



Tgt Ion: 64 Resp: 1988
Ion Ratio Lower Upper
64 100
66 38.6 23.0 42.8

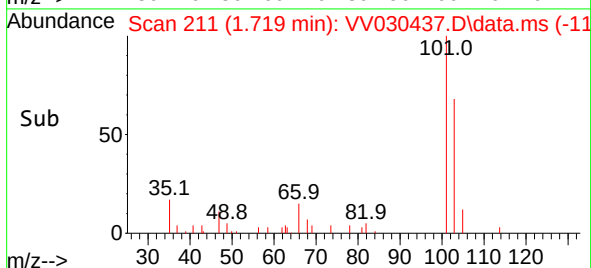
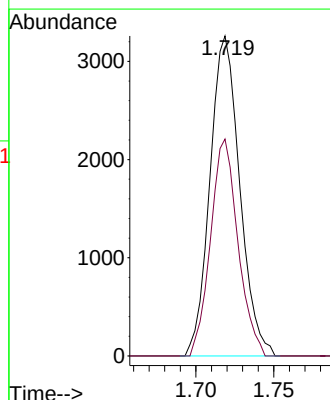
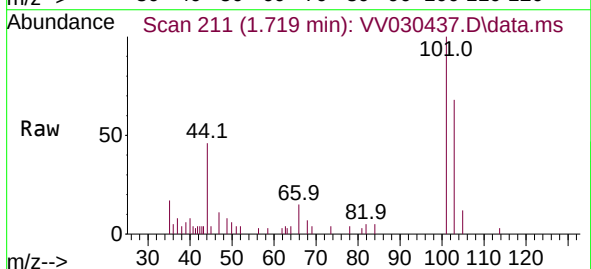
Manual Integrations
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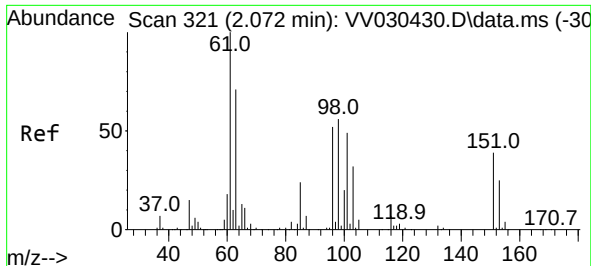
Reviewed By :Krupa Patel 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#9
Trichlorofluoromethane
Concen: 0.217 ug/L
RT: 1.719 min Scan# 211
Delta R.T. -0.000 min
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Acq: 07 Apr 2023 12:54

Tgt Ion:101 Resp: 4332
Ion Ratio Lower Upper
101 100
103 62.3 51.0 76.6





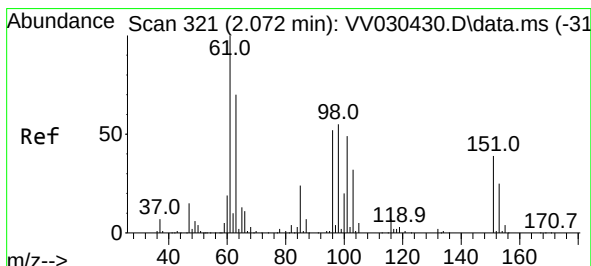
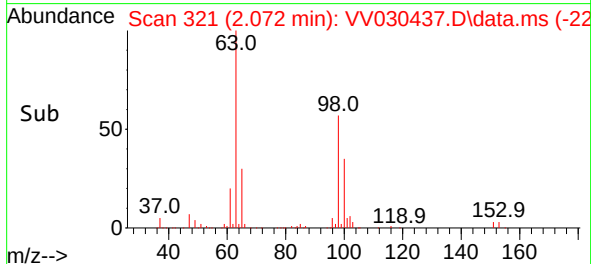
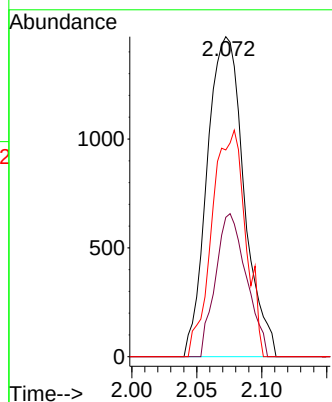
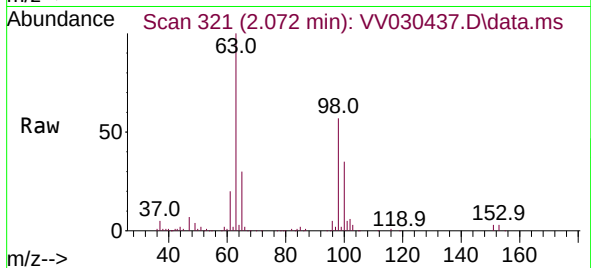
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.262 ug/L
RT: 2.072 min Scan# 321
Delta R.T. -0.000 min
Lab File: VV030437.D
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Tgt Ion: 101 Resp: 2898
Ion Ratio Lower Upper
101 100
85 37.3 38.1 57.1#
151 64.7 62.7 94.1#

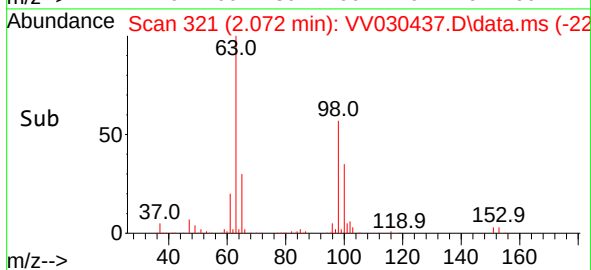
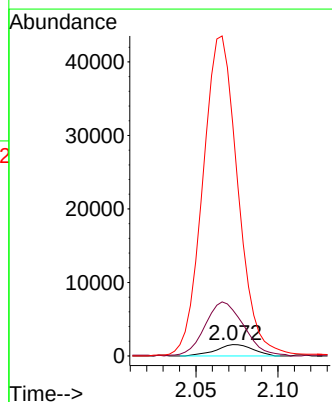
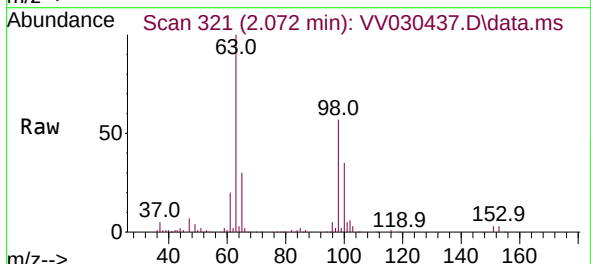
Manual Integrations
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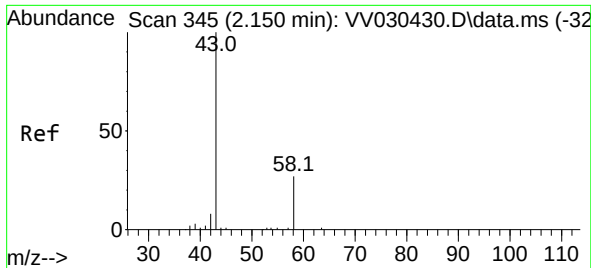
Reviewed By :Krupa Patel 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#12
1,1-Dichloroethene
Concen: 0.249 ug/L
RT: 2.072 min Scan# 321
Delta R.T. -0.000 min
Lab File: VV030437.D
Acq: 07 Apr 2023 12:54

Tgt Ion: 96 Resp: 2445
Ion Ratio Lower Upper
96 100
61 407.2 136.3 253.1#
63 2055.3 92.1 171.1#





#13

Acetone

Concen: 5.037 ug/L

RT: 2.140 min Scan# 34

Delta R.T. -0.010 min

Lab File: VV030437.D

Acq: 07 Apr 2023 12:54

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT2-2023-04

Tgt Ion: 43 Resp: 9678

Ion Ratio Lower Upper

43 100

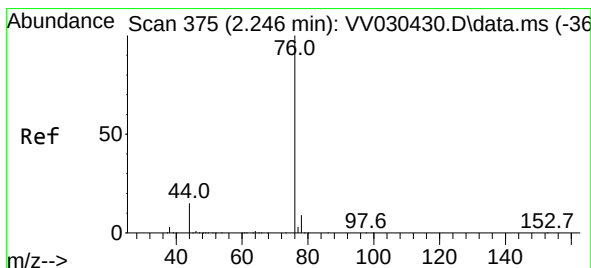
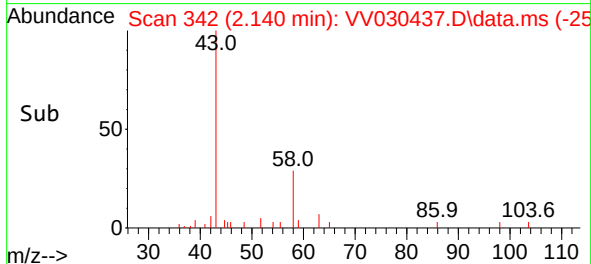
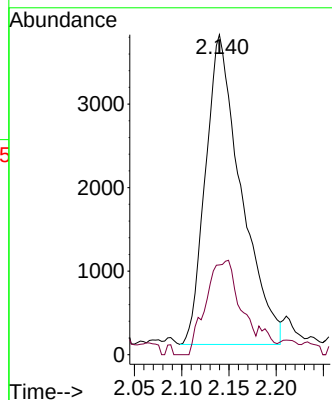
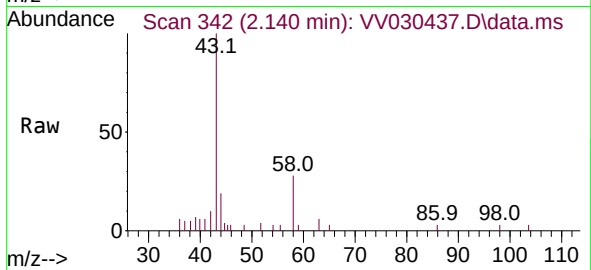
58 29.4 0.0 40.8

Manual Integrations

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Supervised By :Mahesh Dadoda 04/11/2023



#14

Carbon disulfide

Concen: 0.181 ug/L

RT: 2.249 min Scan# 376

Delta R.T. 0.003 min

Lab File: VV030437.D

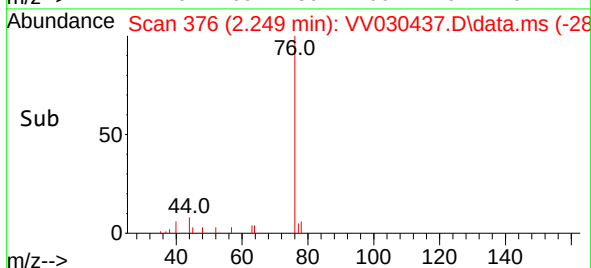
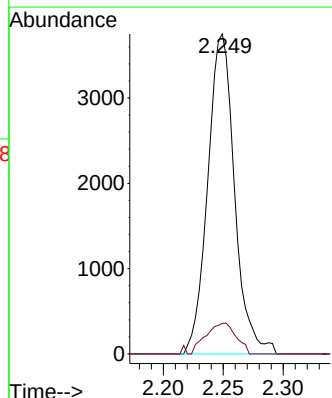
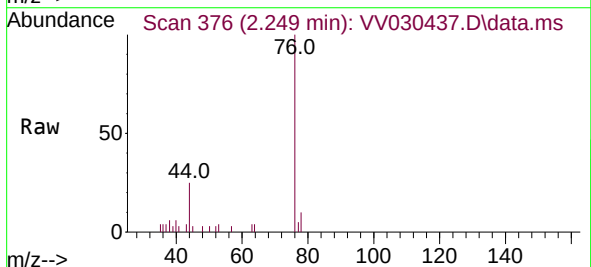
Acq: 07 Apr 2023 12:54

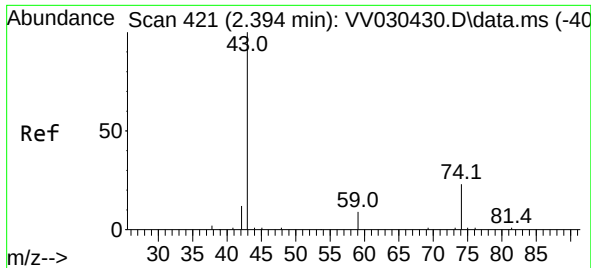
Tgt Ion: 76 Resp: 5833

Ion Ratio Lower Upper

76 100

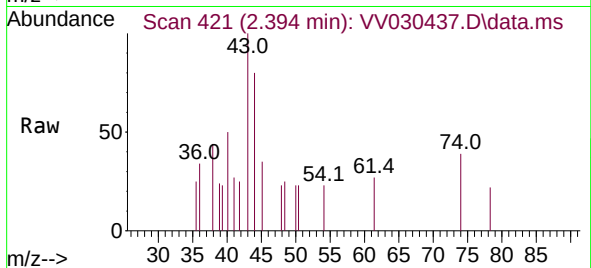
78 9.5 7.3 10.9





#15
Methyl Acetate
Concen: 0.198 ug/L m
RT: 2.394 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV030437.D
Acq: 07 Apr 2023 12:54

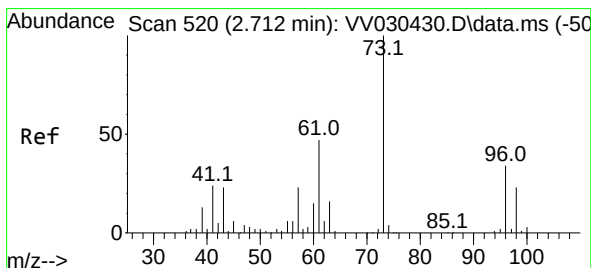
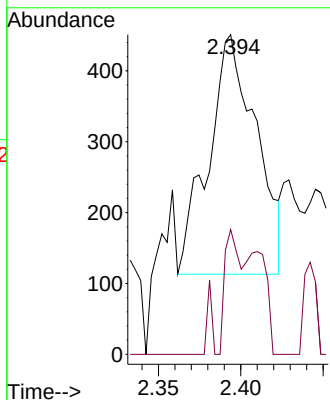
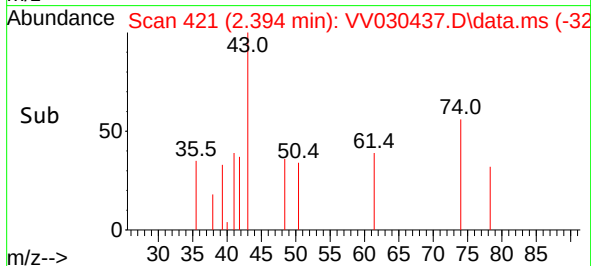
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2023-04



Tgt Ion: 43 Resp: 68
Ion Ratio Lower Upper
43 100
74 16.7 22.1 33.1

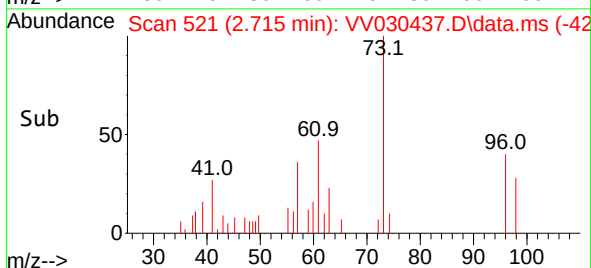
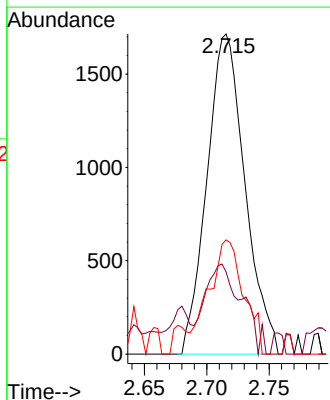
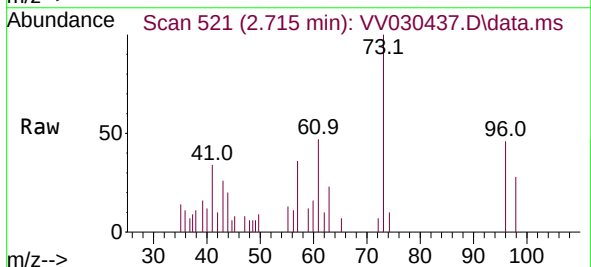
Manual Integrations
APPROVED

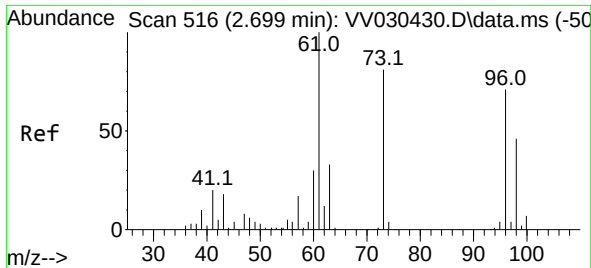
Reviewed By :Krupa Patel 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#17
Methyl tert-butyl Ether
Concen: 0.175 ug/L
RT: 2.715 min Scan# 521
Delta R.T. 0.003 min
Lab File: VV030437.D
Acq: 07 Apr 2023 12:54

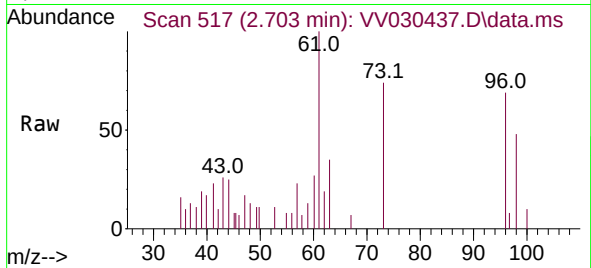
Tgt Ion: 73 Resp: 3641
Ion Ratio Lower Upper
73 100
43 27.5 17.4 26.2#
57 32.8 18.3 27.5#





#18
trans-1,2-Dichloroethene
Concen: 0.195 ug/L
RT: 2.703 min Scan# 516
Delta R.T. 0.003 min
Lab File: VV030437.D
Acq: 07 Apr 2023 12:54

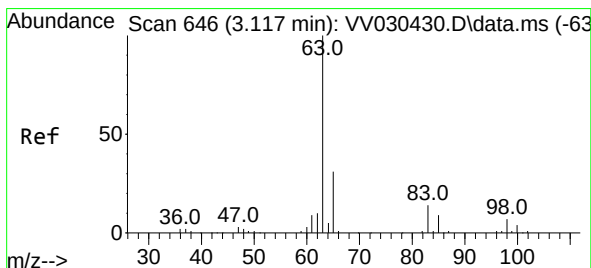
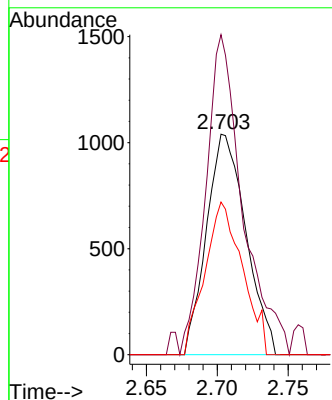
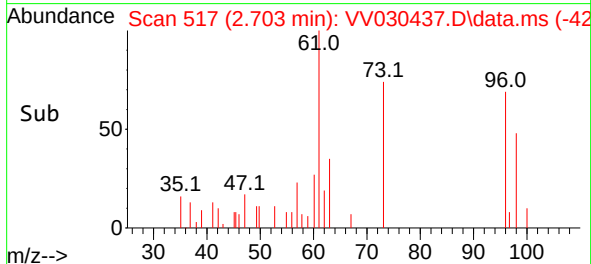
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2023-04



Tgt Ion: 96 Resp: 201
Ion Ratio Lower Upper
96 100
61 130.3 101.7 188.9
98 62.2 45.8 85.2

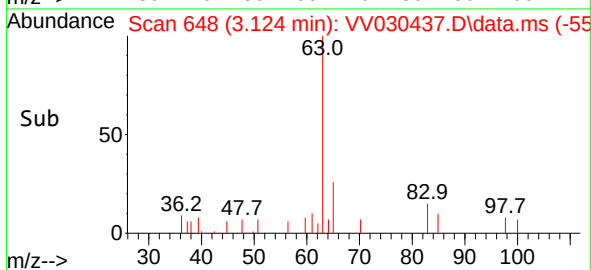
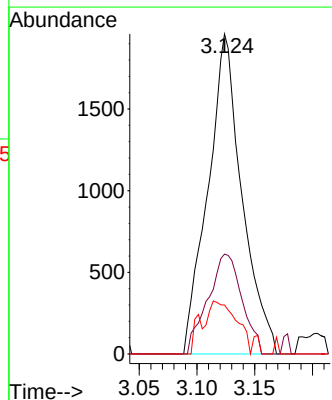
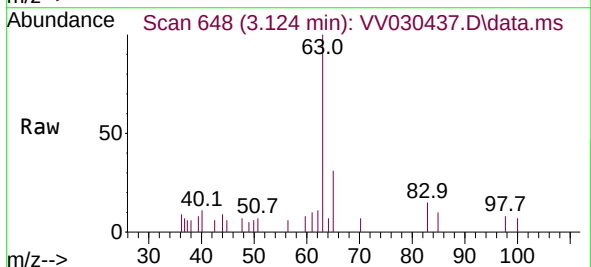
Manual Integrations
APPROVED

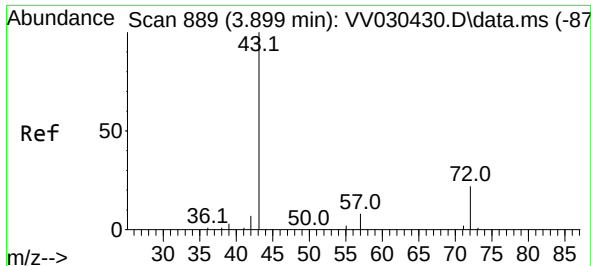
Reviewed By :Krupa Patel 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#19
1,1-Dichloroethane
Concen: 0.200 ug/L
RT: 3.124 min Scan# 648
Delta R.T. 0.006 min
Lab File: VV030437.D
Acq: 07 Apr 2023 12:54

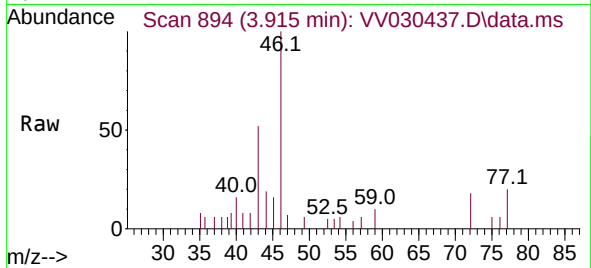
Tgt Ion: 63 Resp: 4006
Ion Ratio Lower Upper
63 100
65 31.2 21.7 40.3
83 15.3 9.1 16.9





#21
2-Butanone
Concen: 2.451 ug/L m
RT: 3.915 min Scan# 894
Delta R.T. 0.016 min
Lab File: VV030437.D
Acq: 07 Apr 2023 12:54

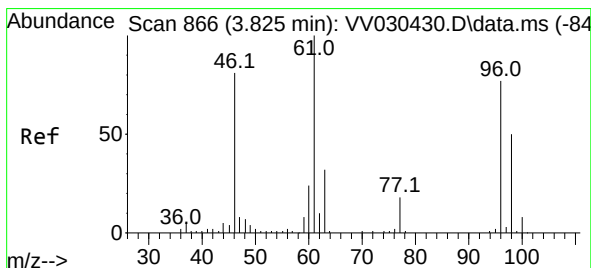
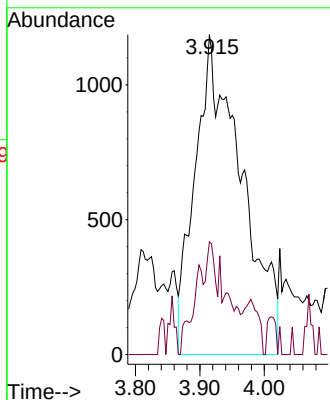
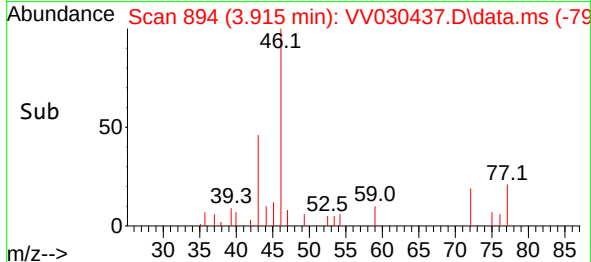
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2023-04



Tgt Ion: 43 Resp: 592
Ion Ratio Lower Upper
43 100
72 0.4 11.2 33.5

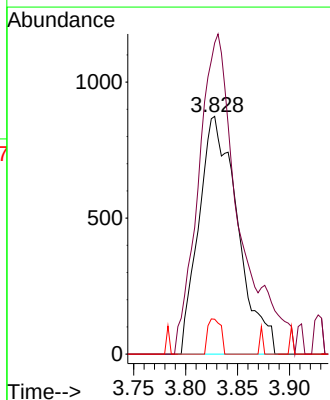
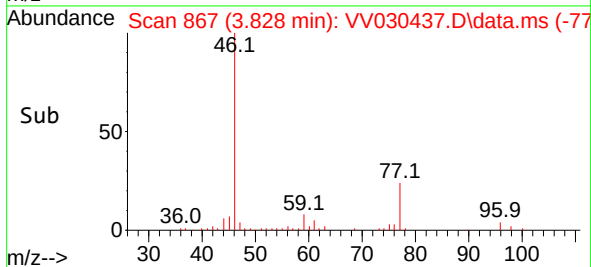
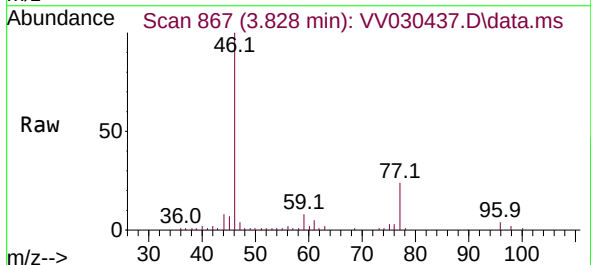
Manual Integrations
APPROVED

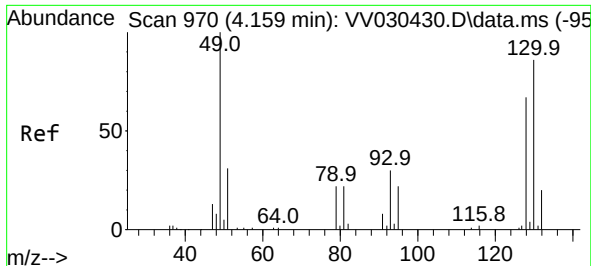
Reviewed By :Krupa Patel 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#22
cis-1,2-Dichloroethene
Concen: 0.219 ug/L
RT: 3.828 min Scan# 867
Delta R.T. 0.003 min
Lab File: VV030437.D
Acq: 07 Apr 2023 12:54

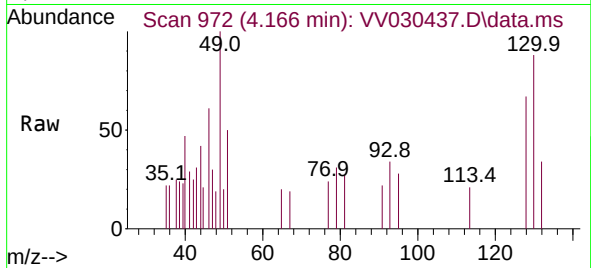
Tgt Ion: 96 Resp: 2275
Ion Ratio Lower Upper
96 100
61 130.9 92.0 170.8
68 14.6 0.0 0.0





#23
Bromochloromethane
Concen: 0.214 ug/L
RT: 4.166 min Scan# 91
Delta R.T. 0.006 min
Lab File: VV030437.D
Acq: 07 Apr 2023 12:54

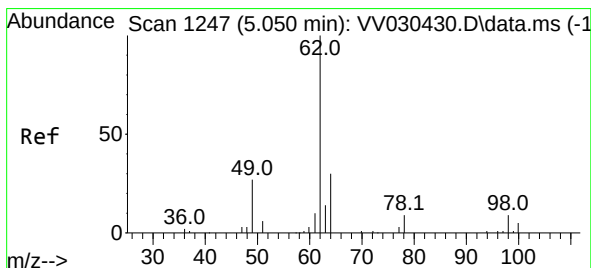
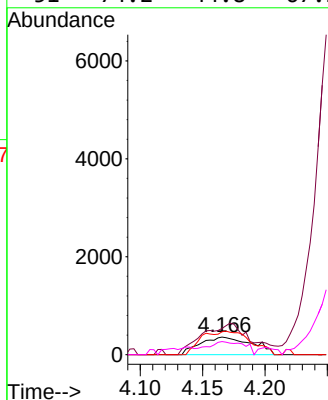
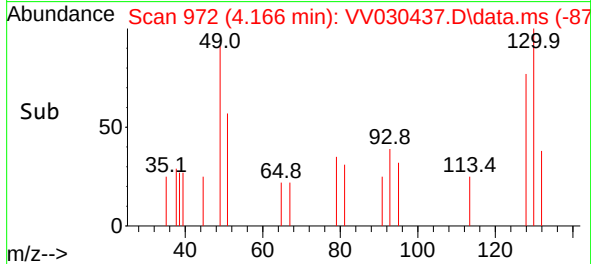
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2023-04



Tgt Ion:128 Resp: 1034
Ion Ratio Lower Upper
128 100
49 148.2 119.4 221.8
130 129.9 89.2 165.8
51 74.2 44.8 67.2#

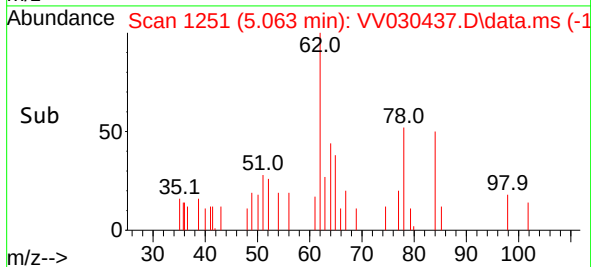
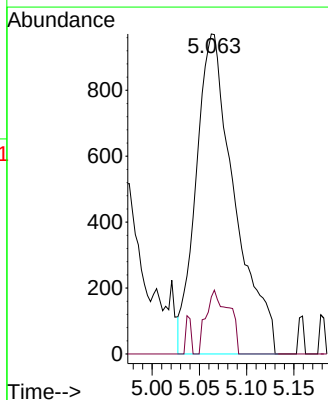
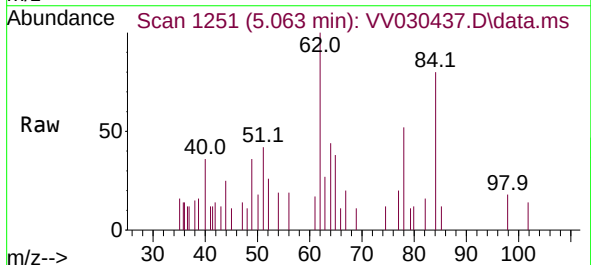
Manual Integrations
APPROVED

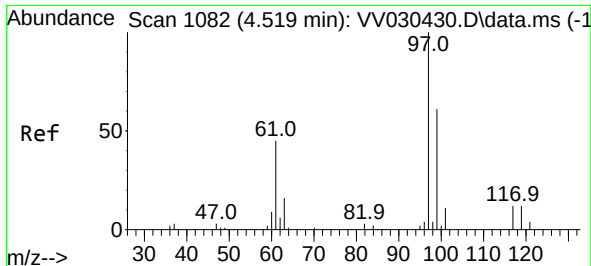
Reviewed By :Krupa Patel 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#27
1,2-Dichloroethane
Concen: 0.224 ug/L
RT: 5.063 min Scan# 1251
Delta R.T. 0.013 min
Lab File: VV030437.D
Acq: 07 Apr 2023 12:54

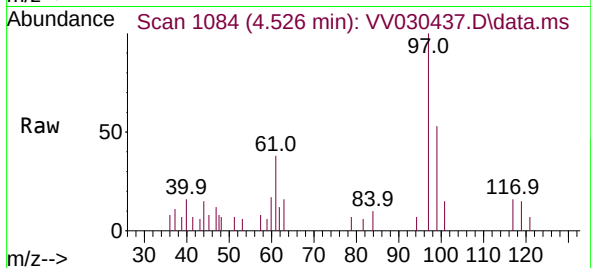
Tgt Ion: 62 Resp: 2744
Ion Ratio Lower Upper
62 100
98 17.8 7.8 11.8#





#29
1,1,1-Trichloroethane
Concen: 0.221 ug/L
RT: 4.526 min Scan# 1107
Delta R.T. 0.006 min
Lab File: VV030437.D
Acq: 07 Apr 2023 12:54

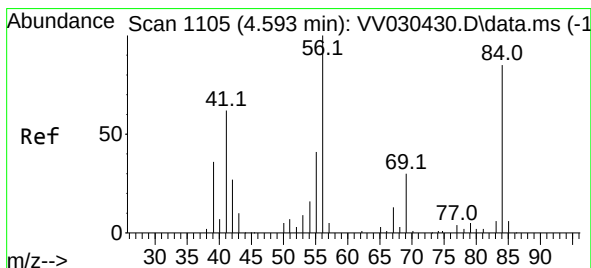
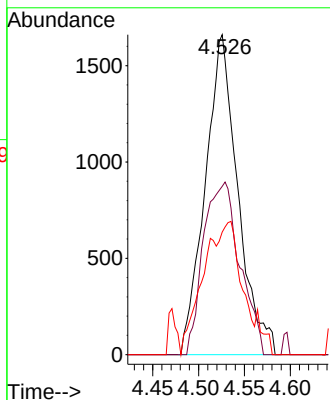
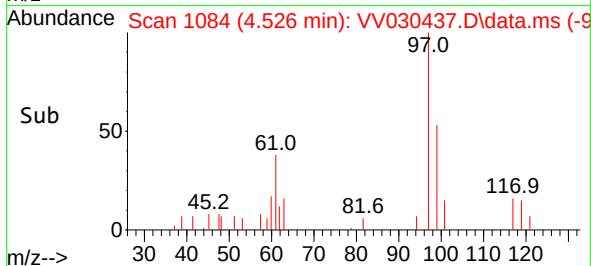
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2023-04



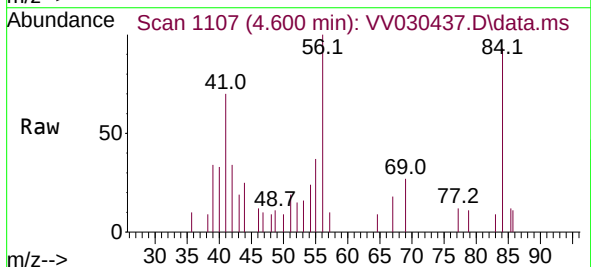
Tgt Ion: 97 Resp: 4118
Ion Ratio Lower Upper
97 100
99 60.2 50.9 76.3
61 28.3 35.9 53.9

Manual Integrations
APPROVED

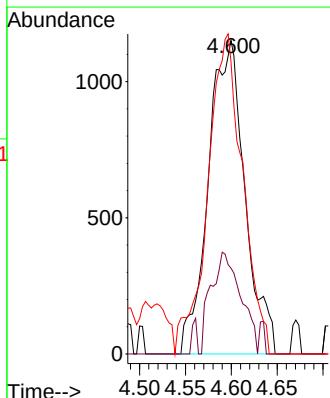
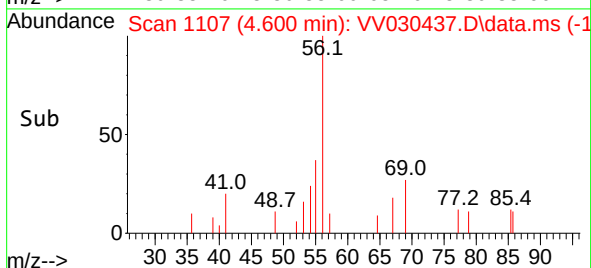
Reviewed By :Krupa Patel 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023

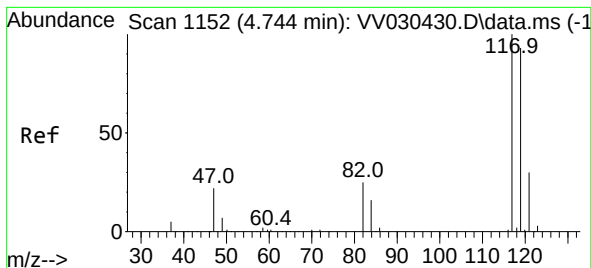


#30
Cyclohexane
Concen: 0.189 ug/L
RT: 4.600 min Scan# 1107
Delta R.T. 0.006 min
Lab File: VV030437.D
Acq: 07 Apr 2023 12:54



Tgt Ion: 56 Resp: 3195
Ion Ratio Lower Upper
56 100
69 26.5 24.2 36.2
84 97.2 66.6 100.0





#31

Carbon tetrachloride

Concen: 0.210 ug/L

RT: 4.747 min Scan# 1152

Delta R.T. 0.003 min

Lab File: VV030437.D

Acq: 07 Apr 2023 12:54

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT2-2023-04

Tgt Ion:117 Resp: 3550

Ion Ratio Lower Upper

117 100

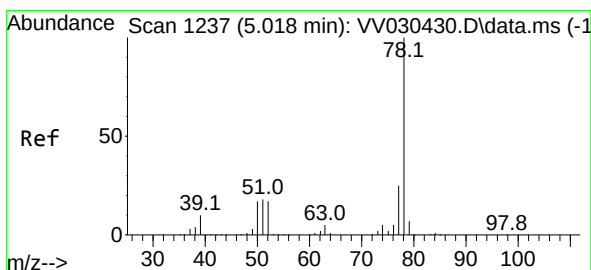
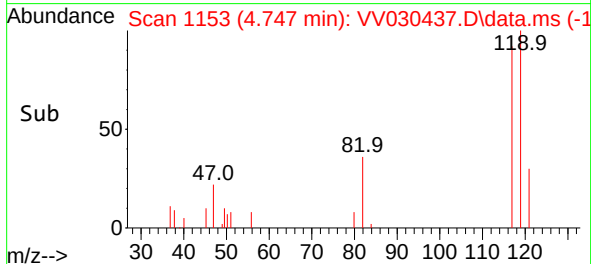
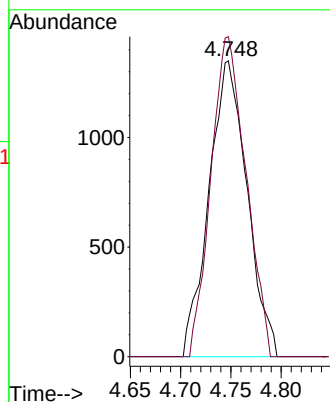
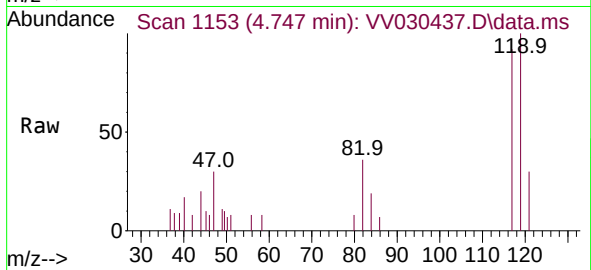
119 99.6 76.2 114.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/11/2023

Supervised By :Mahesh Dadoda 04/11/2023



#33

Benzene

Concen: 0.206 ug/L

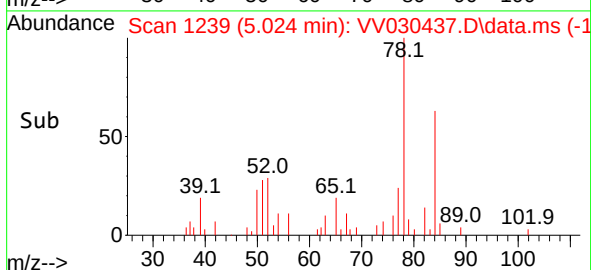
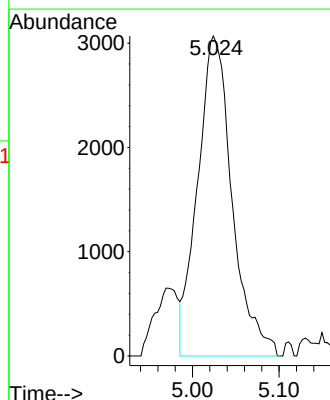
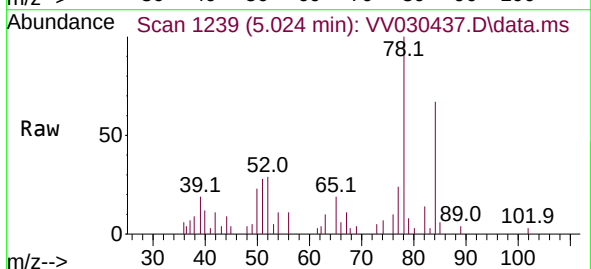
RT: 5.024 min Scan# 1239

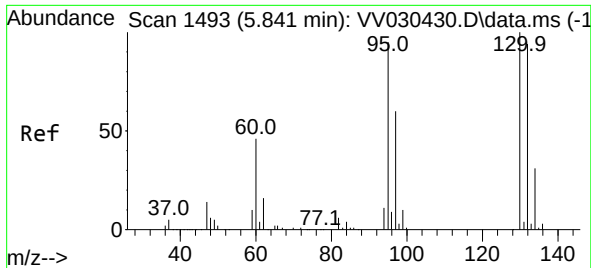
Delta R.T. 0.006 min

Lab File: VV030437.D

Acq: 07 Apr 2023 12:54

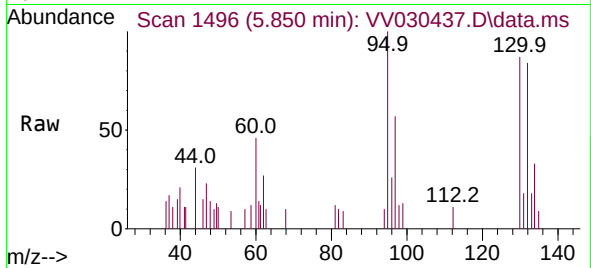
Tgt Ion: 78 Resp: 8469





#34
Trichloroethene
Concen: 0.177 ug/L
RT: 5.850 min Scan# 1496
Delta R.T. 0.010 min
Lab File: VV030437.D
Acq: 07 Apr 2023 12:54

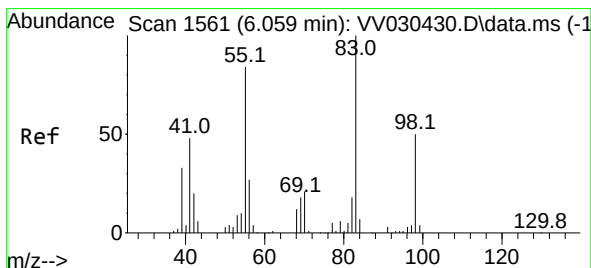
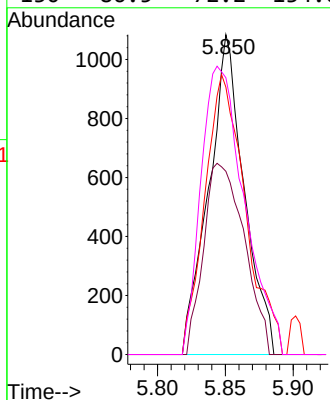
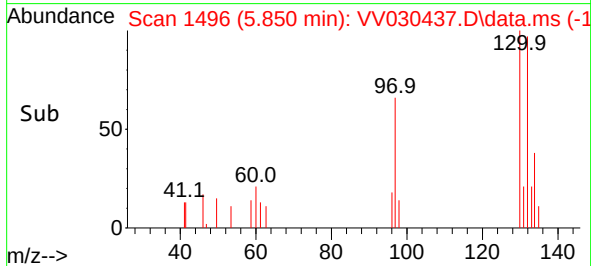
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2023-04



Tgt Ion: 95 Resp: 196
Ion Ratio Lower Upper
95 100
97 57.3 44.2 82.2
132 83.6 69.5 129.1
130 86.5 72.2 134.0

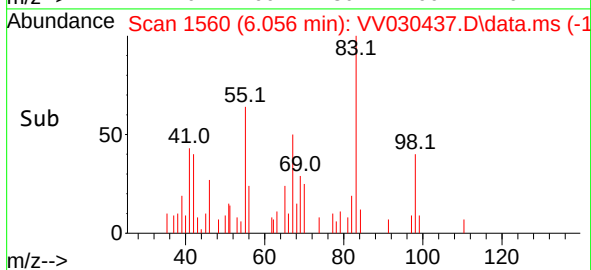
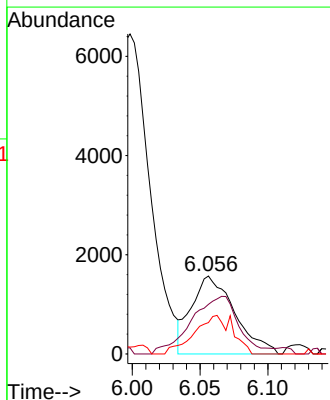
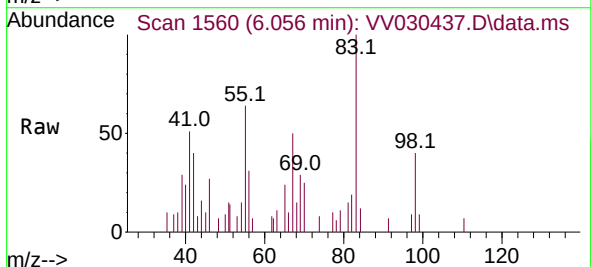
Manual Integrations
APPROVED

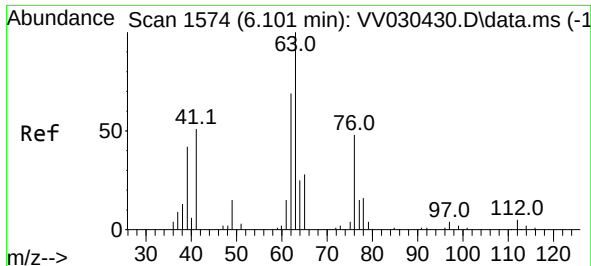
Reviewed By :Krupa Patel 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#35
Methylcyclohexane
Concen: 0.201 ug/L
RT: 6.056 min Scan# 1560
Delta R.T. -0.003 min
Lab File: VV030437.D
Acq: 07 Apr 2023 12:54

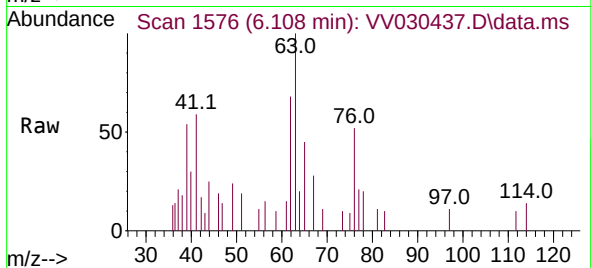
Tgt Ion: 83 Resp: 3493
Ion Ratio Lower Upper
83 100
55 81.4 66.6 100.0
98 43.7 38.6 58.0





#37
1,2-Dichloropropane
Concen: 0.229 ug/L
RT: 6.108 min Scan# 111
Delta R.T. 0.006 min
Lab File: VV030437.D
Acq: 07 Apr 2023 12:54

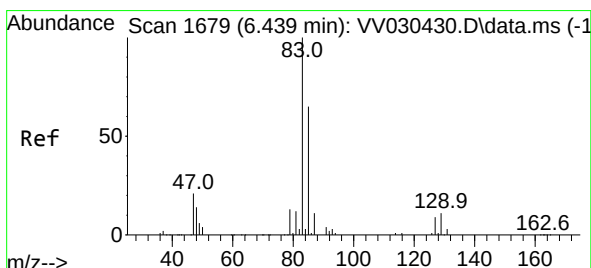
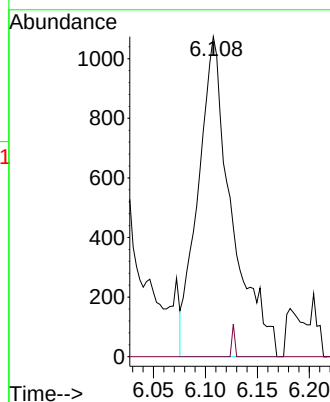
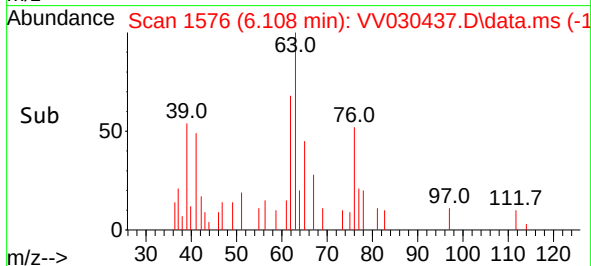
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2023-04



Tgt Ion: 63 Resp: 241
Ion Ratio Lower Upper
63 100
112 0.9 3.9 5.9

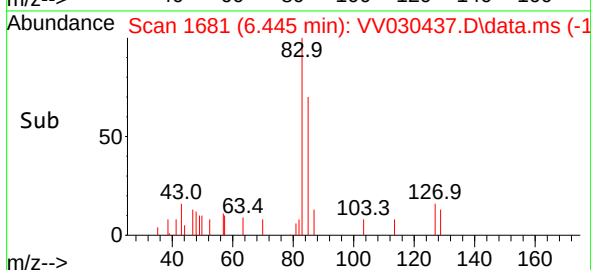
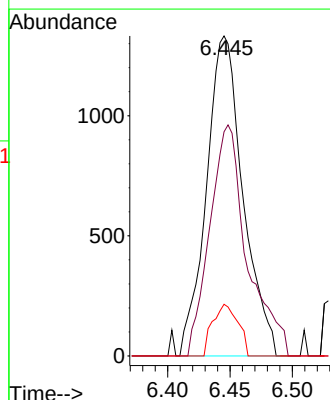
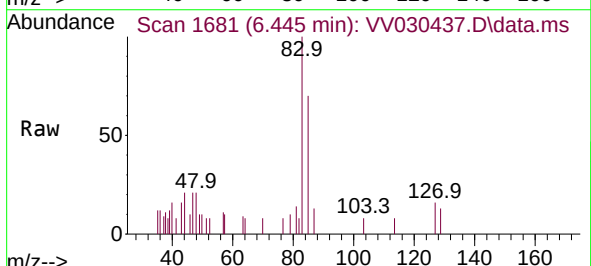
Manual Integrations
APPROVED

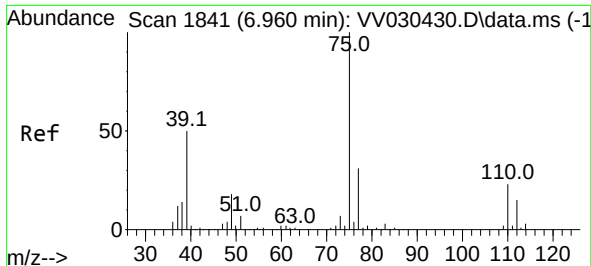
Reviewed By :Krupa Patel 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#38
Bromodichloromethane
Concen: 0.197 ug/L
RT: 6.445 min Scan# 1681
Delta R.T. 0.006 min
Lab File: VV030437.D
Acq: 07 Apr 2023 12:54

Tgt Ion: 83 Resp: 2722
Ion Ratio Lower Upper
83 100
85 70.0 45.3 84.1
127 16.1 7.0 10.4





#39

cis-1,3-Dichloropropene

Concen: 0.211 ug/L

RT: 6.976 min Scan# 11

Delta R.T. 0.016 min

Lab File: VV030437.D

Acq: 07 Apr 2023 12:54

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT2-2023-04

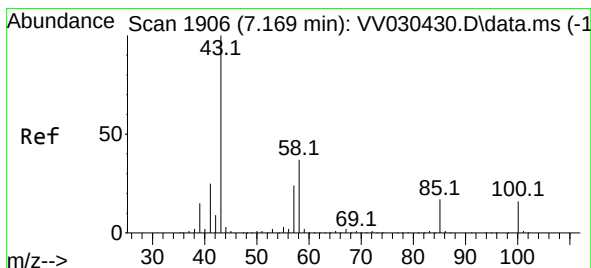
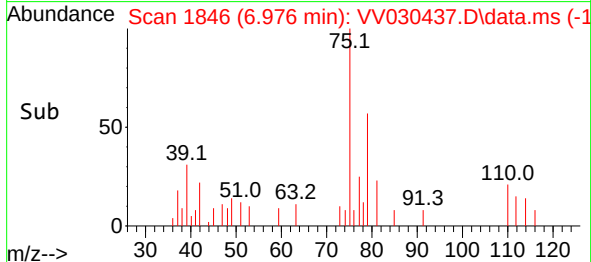
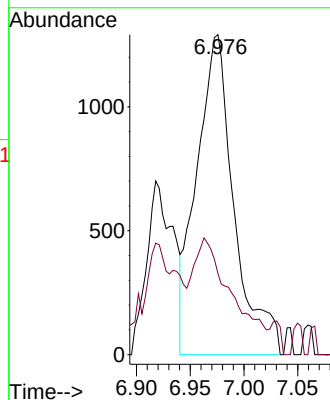
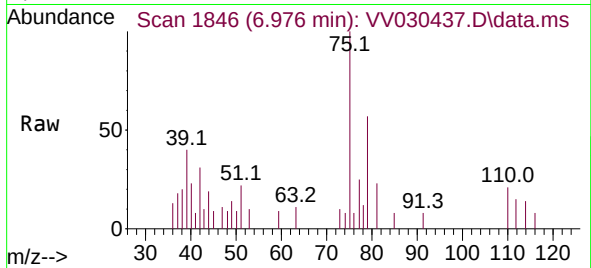
Tgt Ion: 75 Resp: 312
 Ion Ratio Lower Upper
 75 100
 77 25.3 22.0 41.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/11/2023

Supervised By :Mahesh Dadoda 04/11/2023



#40

4-Methyl-2-pentanone

Concen: 1.415 ug/L

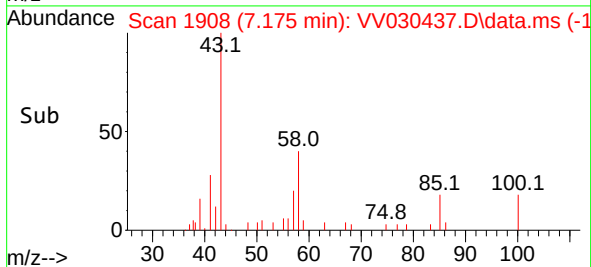
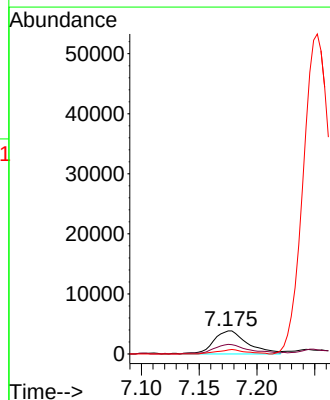
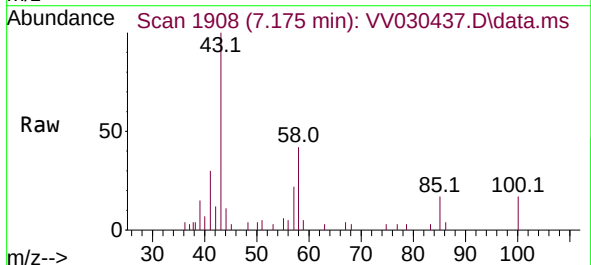
RT: 7.175 min Scan# 1908

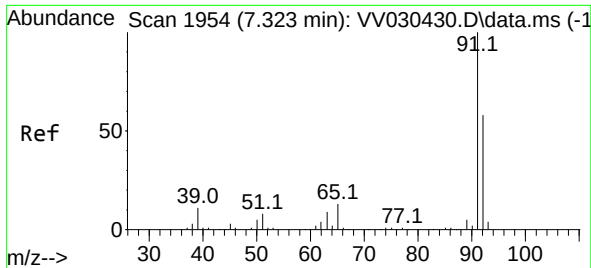
Delta R.T. 0.006 min

Lab File: VV030437.D

Acq: 07 Apr 2023 12:54

Tgt Ion: 43 Resp: 7865
 Ion Ratio Lower Upper
 43 100
 58 43.2 28.8 43.2#
 100 0.0 10.7 16.1#





#42

Toluene

Concen: 0.192 ug/L

RT: 7.329 min Scan# 1954

Delta R.T. 0.006 min

Lab File: VV030437.D

Acq: 07 Apr 2023 12:54

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT2-2023-04

Tgt Ion: 91 Resp: 838

Ion Ratio Lower Upper

91 100

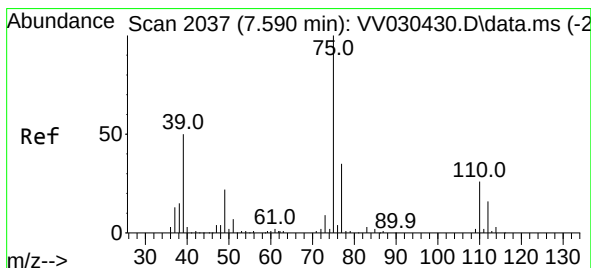
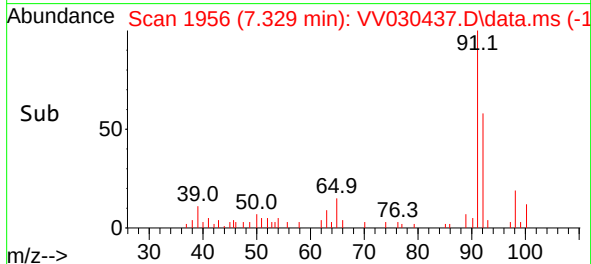
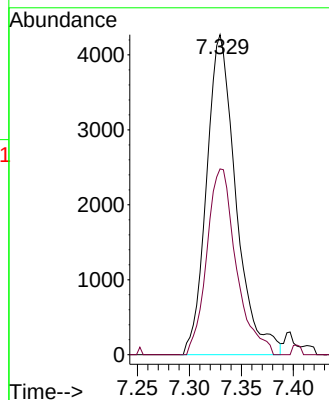
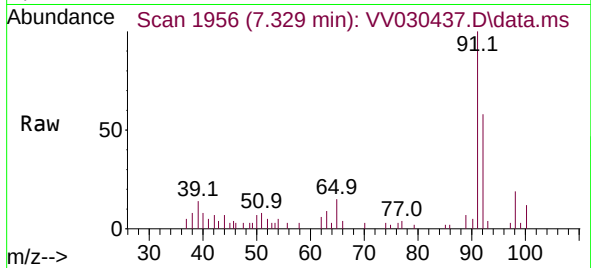
92 58.0 40.4 75.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/11/2023

Supervised By :Mahesh Dadoda 04/11/2023



#44

trans-1,3-Dichloropropene

Concen: 0.217 ug/L

RT: 7.593 min Scan# 2038

Delta R.T. 0.003 min

Lab File: VV030437.D

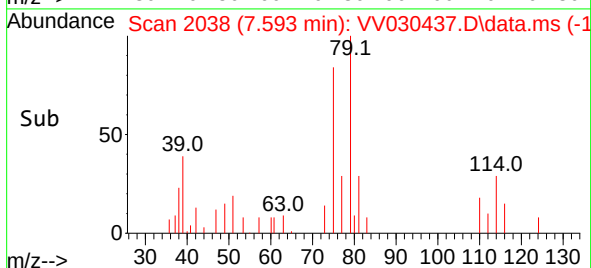
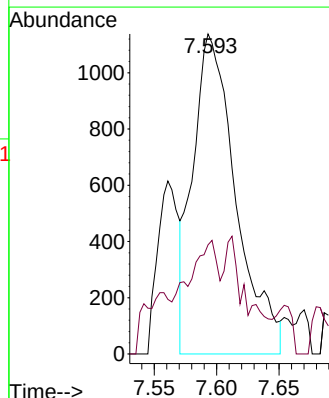
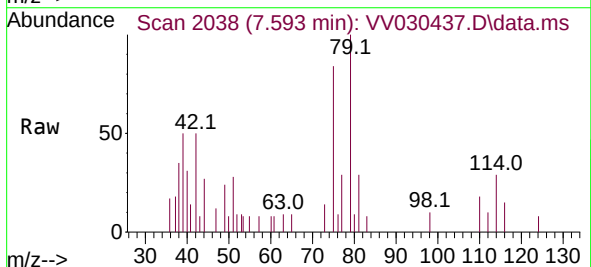
Acq: 07 Apr 2023 12:54

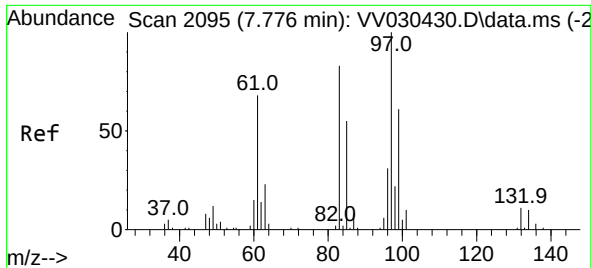
Tgt Ion: 75 Resp: 2738

Ion Ratio Lower Upper

75 100

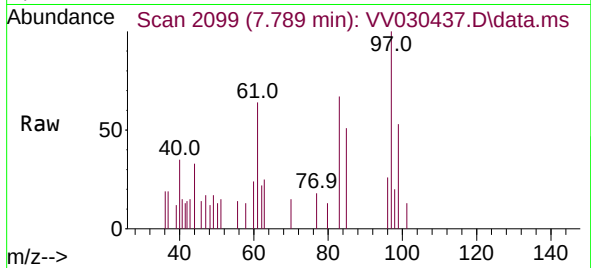
77 34.1 21.2 39.4





#45
1,1,2-Trichloroethane
Concen: 0.208 ug/L
RT: 7.789 min Scan# 2095
Delta R.T. 0.013 min
Lab File: VV030437.D
Acq: 07 Apr 2023 12:54

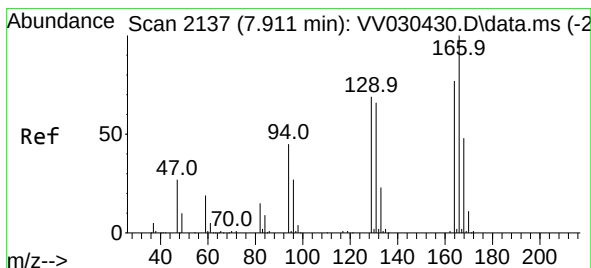
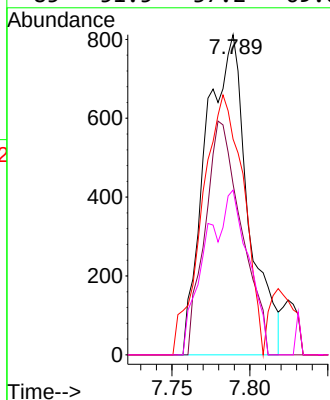
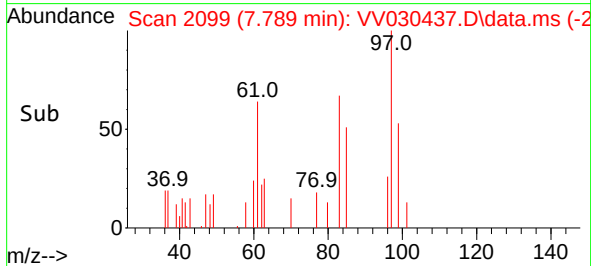
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2023-04



Tgt Ion	Ratio	Lower	Upper
97	100		
99	53.3	44.0	81.8
83	67.4	58.8	109.2
85	51.5	37.2	69.0

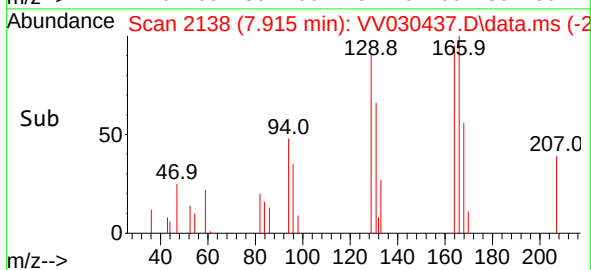
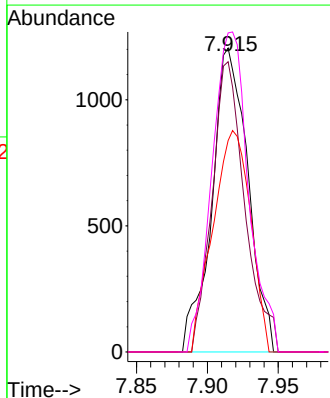
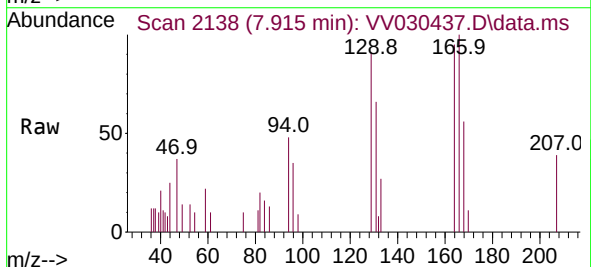
Manual Integrations
APPROVED

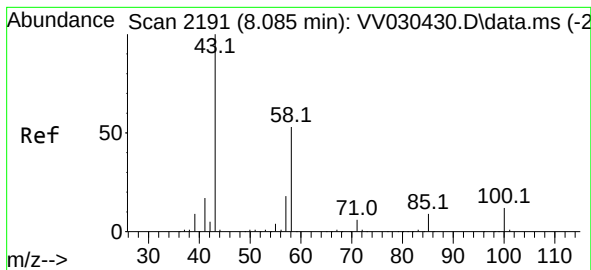
Reviewed By :Krupa Patel 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#47
Tetrachloroethene
Concen: 0.218 ug/L
RT: 7.915 min Scan# 2138
Delta R.T. 0.003 min
Lab File: VV030437.D
Acq: 07 Apr 2023 12:54

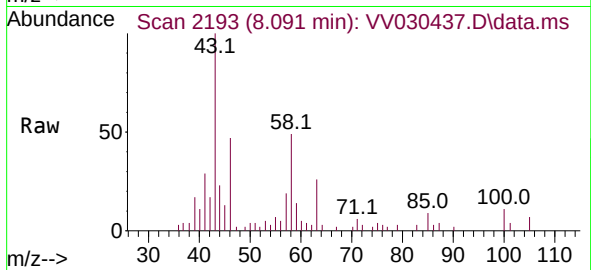
Tgt Ion	Ratio	Lower	Upper
164	100		
129	95.5	60.8	112.8
131	69.5	61.7	114.7
166	105.0	85.6	159.0





#48
2-Hexanone
Concen: 2.743 ug/L m
RT: 8.091 min Scan# 2191
Delta R.T. 0.006 min
Lab File: VV030437.D
Acq: 07 Apr 2023 12:54

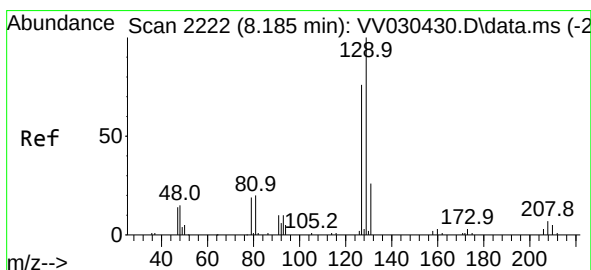
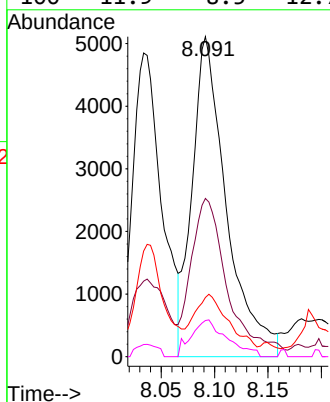
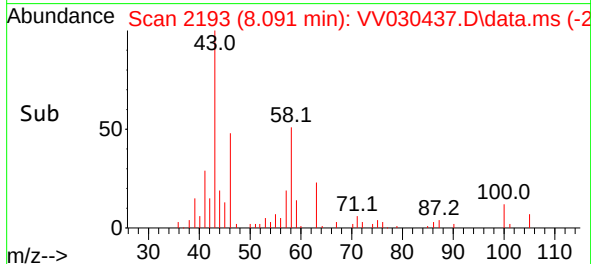
Instrument : MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2023-04



Tgt Ion: 43 Resp: 11419
Ion Ratio Lower Upper
43 100
58 49.6 40.3 60.5
57 17.6 14.6 22.0
100 11.9 8.5 12.7

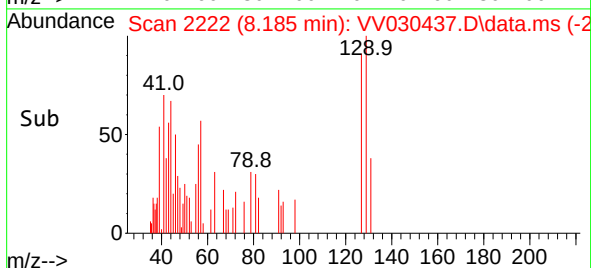
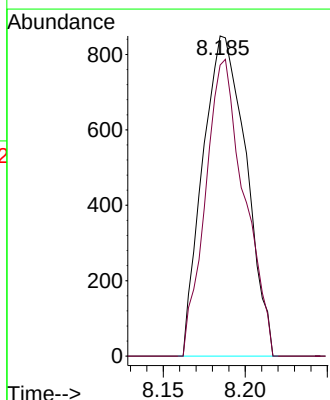
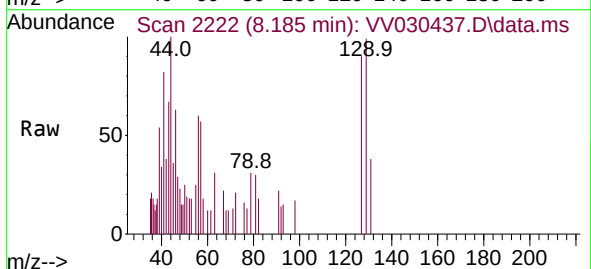
Manual Integrations
APPROVED

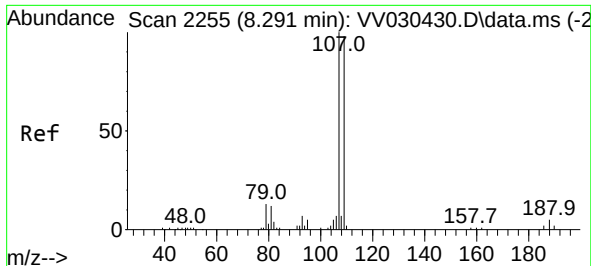
Reviewed By :Krupa Patel 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#49
Dibromochloromethane
Concen: 0.176 ug/L
RT: 8.185 min Scan# 2222
Delta R.T. -0.000 min
Lab File: VV030437.D
Acq: 07 Apr 2023 12:54

Tgt Ion:129 Resp: 1559
Ion Ratio Lower Upper
129 100
127 90.9 52.7 97.9





#50

1,2-Dibromoethane

Concen: 0.198 ug/L

RT: 8.294 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV030437.D

Acq: 07 Apr 2023 12:54

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT2-2023-04

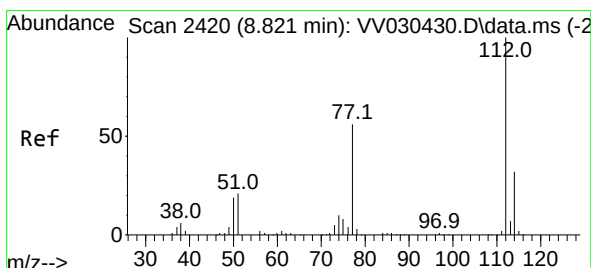
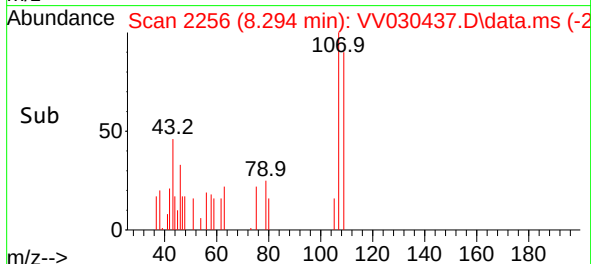
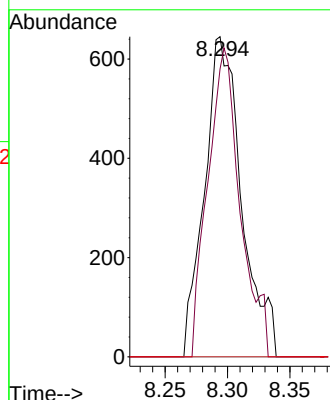
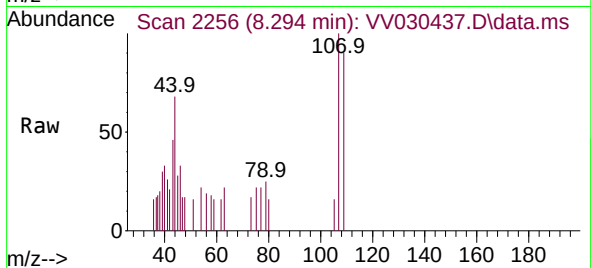
Tgt Ion:107	Resp:	1339
Ion Ratio	Lower	Upper
107	100	
109	89.9	62.9 116.9
188	0.0	3.0 4.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/11/2023

Supervised By :Mahesh Dadoda 04/11/2023



#51

Chlorobenzene

Concen: 0.203 ug/L

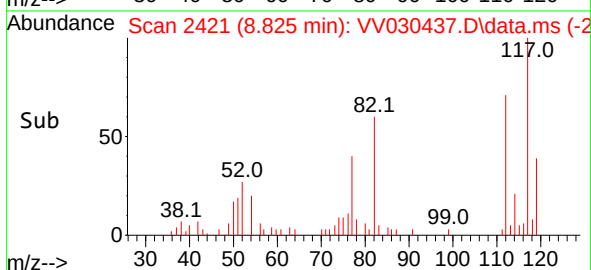
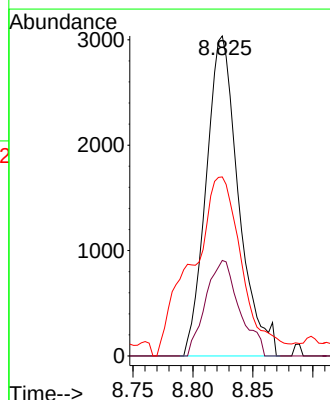
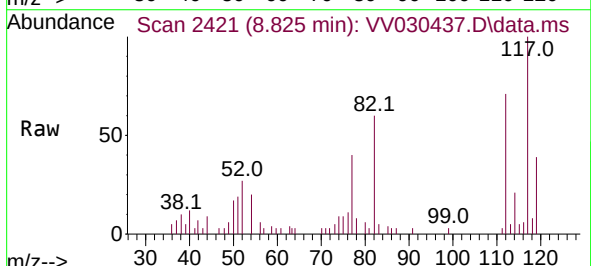
RT: 8.825 min Scan# 2421

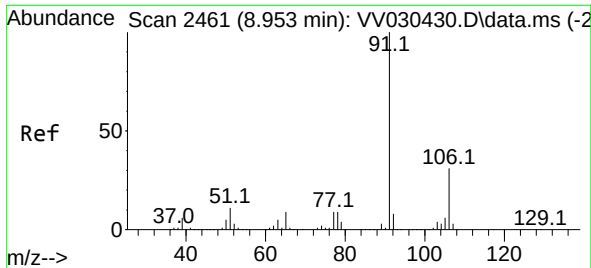
Delta R.T. 0.003 min

Lab File: VV030437.D

Acq: 07 Apr 2023 12:54

Tgt Ion:112	Resp:	5698
Ion Ratio	Lower	Upper
112	100	
114	29.9	22.4 41.6
77	56.0	45.9 68.9





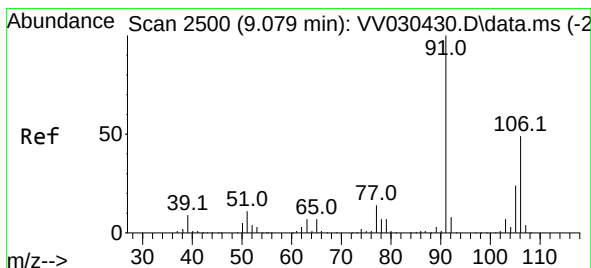
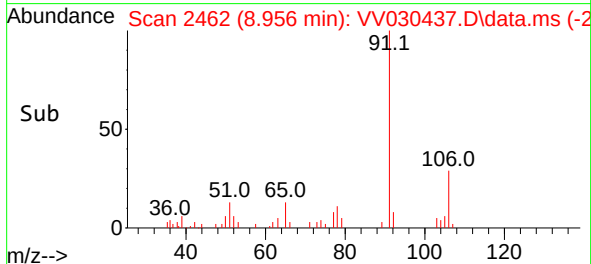
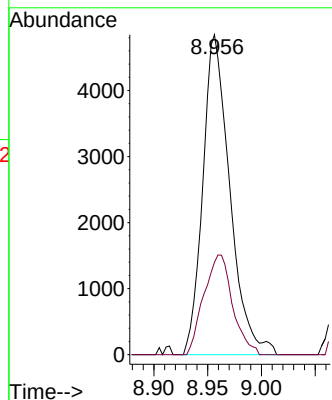
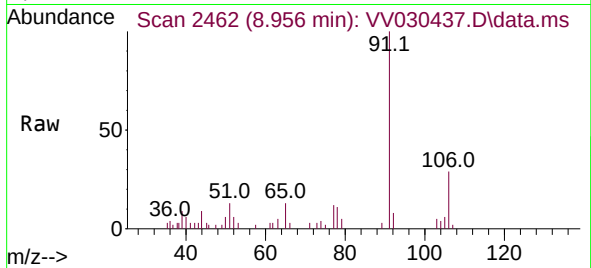
#52
Ethylbenzene
Concen: 0.177 ug/L
RT: 8.956 min Scan# 2462
Delta R.T. 0.003 min
Lab File: VV030437.D
Acq: 07 Apr 2023 12:54

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2023-04

Tgt Ion: 91 Resp: 847
Ion Ratio Lower Upper
91 100
106 28.8 22.2 41.2

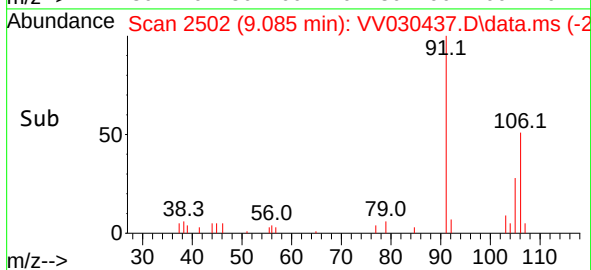
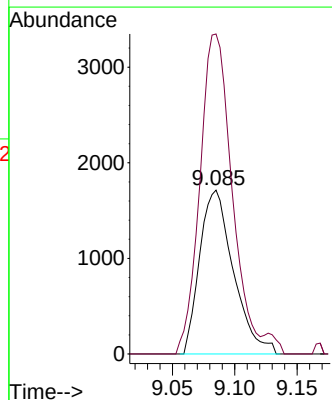
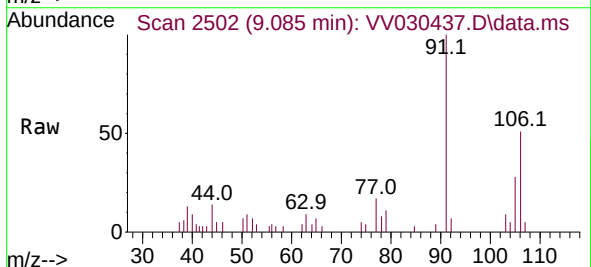
Manual Integrations
APPROVED

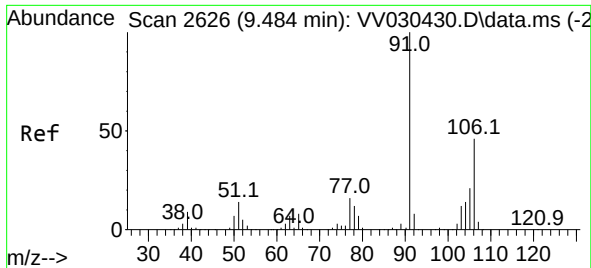
Reviewed By :Krupa Patel 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#53
m,p-Xylene
Concen: 0.176 ug/L
RT: 9.085 min Scan# 2502
Delta R.T. 0.006 min
Lab File: VV030437.D
Acq: 07 Apr 2023 12:54

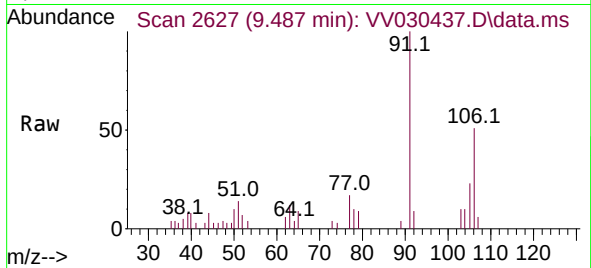
Tgt Ion:106 Resp: 3231
Ion Ratio Lower Upper
106 100
91 195.2 142.4 264.4





#54
o-Xylene
Concen: 0.171 ug/L
RT: 9.487 min Scan# 2626
Delta R.T. 0.003 min
Lab File: VV030437.D
Acq: 07 Apr 2023 12:54

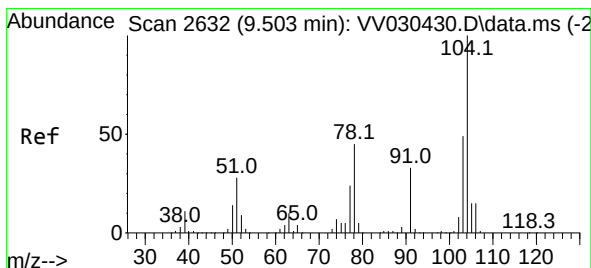
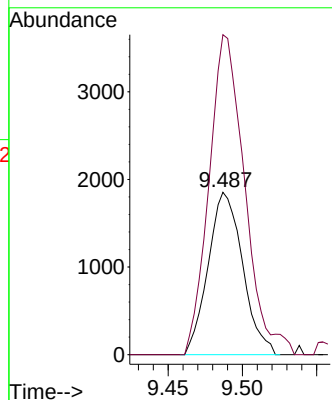
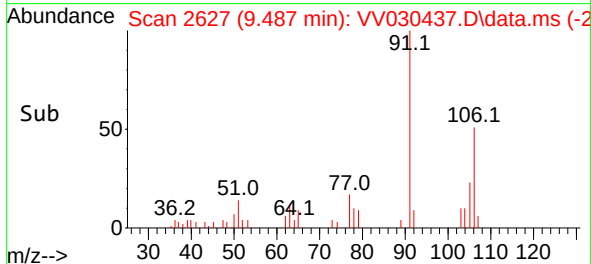
Instrument : MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2023-04



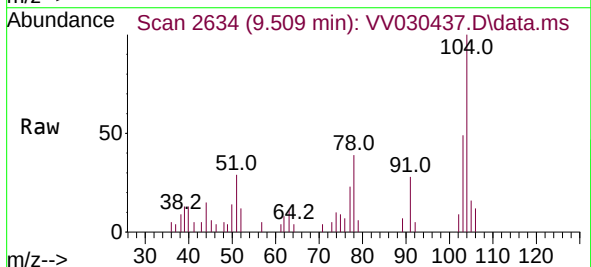
Tgt Ion:106 Resp: 299
Ion Ratio Lower Upper
106 100
91 197.1 149.8 278.2

Manual Integrations
APPROVED

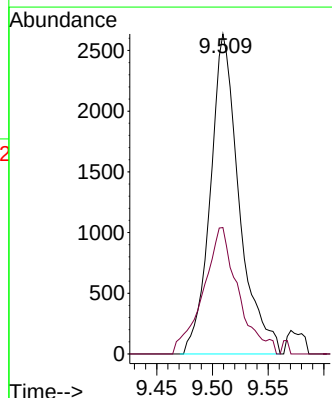
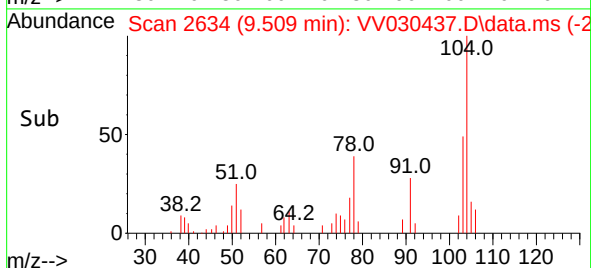
Reviewed By :Krupa Patel 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023

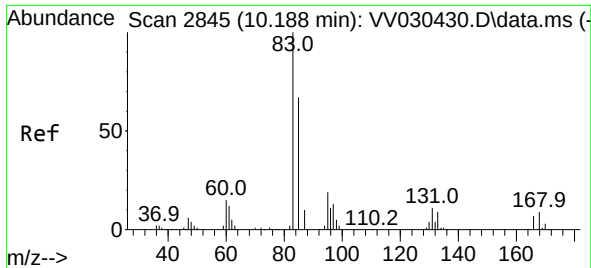


#55
Styrene
Concen: 0.159 ug/L
RT: 9.509 min Scan# 2634
Delta R.T. 0.006 min
Lab File: VV030437.D
Acq: 07 Apr 2023 12:54



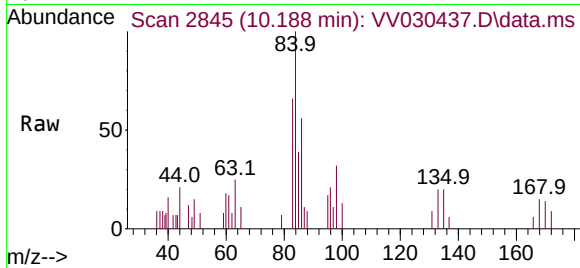
Tgt Ion:104 Resp: 4746
Ion Ratio Lower Upper
104 100
78 39.5 31.9 59.2





#57
1,1,2,2-Tetrachloroethane
Concen: 0.225 ug/L
RT: 10.188 min Scan# 2845
Delta R.T. -0.000 min
Lab File: VV030437.D
Acq: 07 Apr 2023 12:54

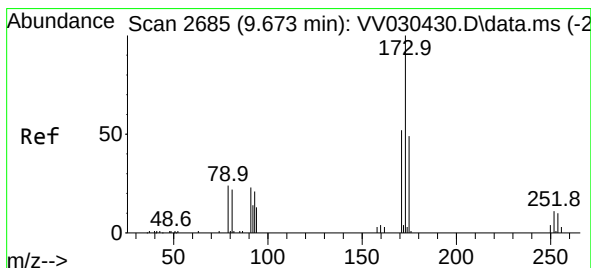
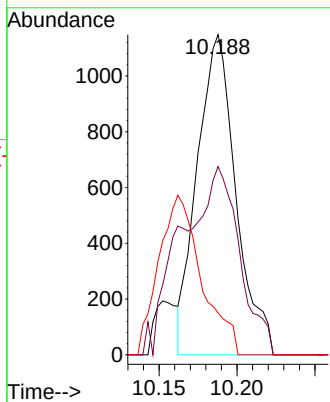
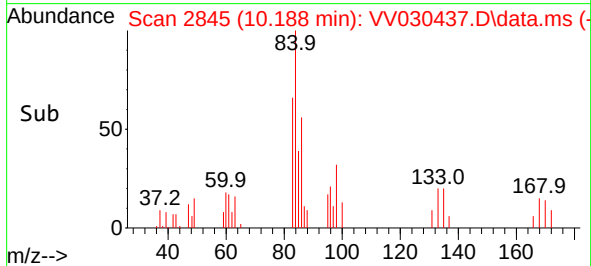
Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT2-2023-04



Tgt Ion: 83 Resp: 1980
Ion Ratio Lower Upper
83 100
85 58.8 45.3 84.1
131 13.2 8.2 12.4

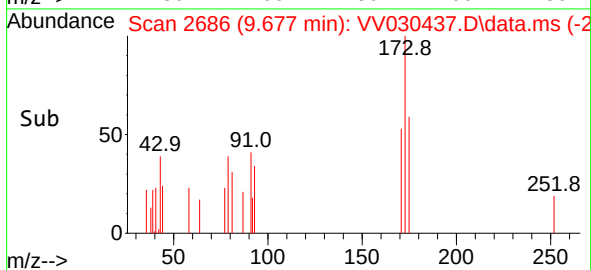
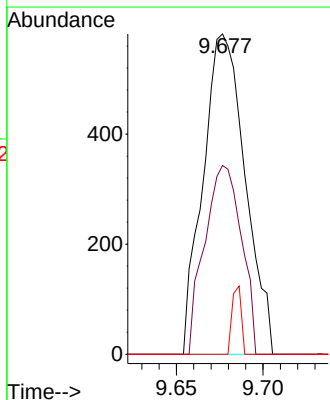
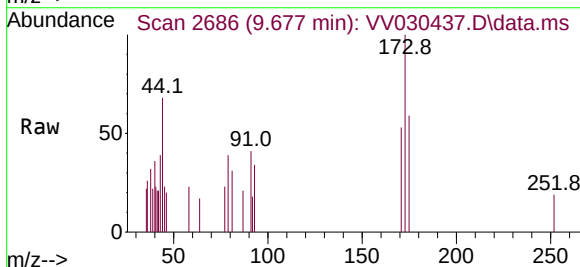
Manual Integrations
APPROVED

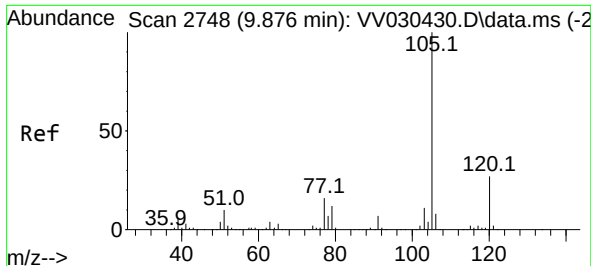
Reviewed By :Krupa Patel 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#59
Bromoform
Concen: 0.209 ug/L
RT: 9.677 min Scan# 2686
Delta R.T. 0.003 min
Lab File: VV030437.D
Acq: 07 Apr 2023 12:54

Tgt Ion:173 Resp: 987
Ion Ratio Lower Upper
173 100
175 51.3 39.0 58.4
254 4.6 8.2 12.4





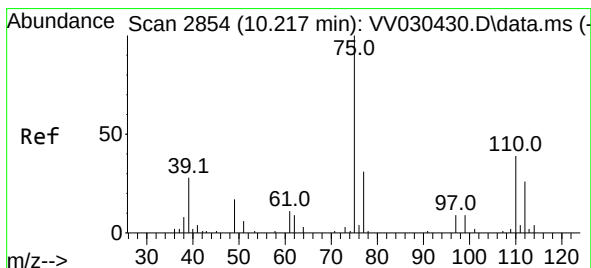
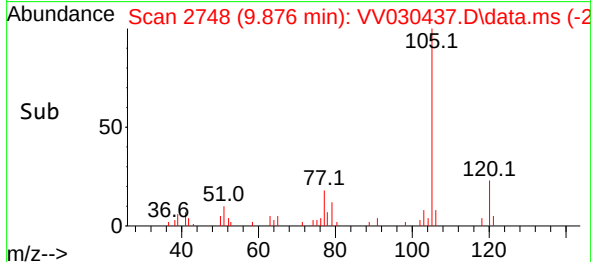
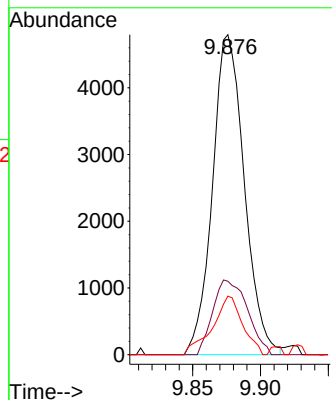
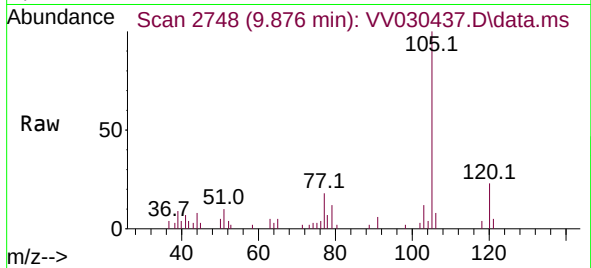
#60
Isopropylbenzene
Concen: 0.182 ug/L
RT: 9.876 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV030437.D
Acq: 07 Apr 2023 12:54

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2023-04

Tgt Ion:105 Resp: 783
Ion Ratio Lower Upper
105 100
120 25.4 21.1 31.7
77 17.3 12.9 19.3

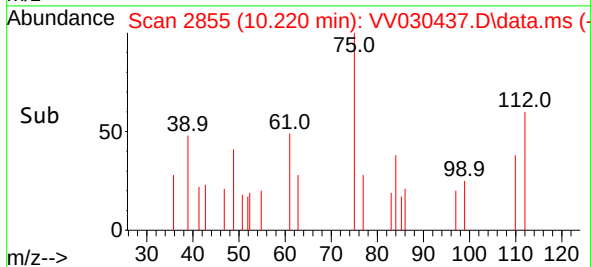
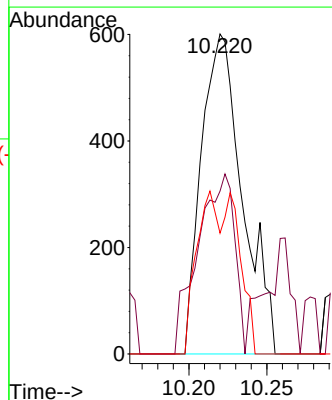
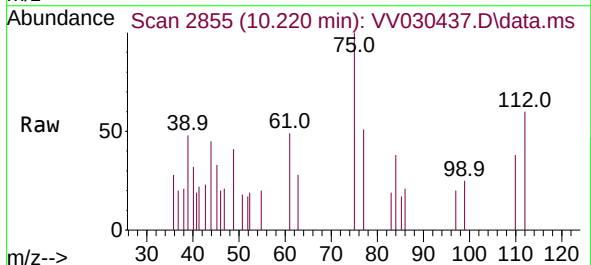
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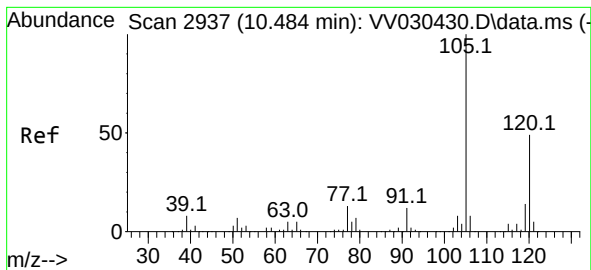
Reviewed By :Krupa Patel 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#61
1,2,3-Trichloropropane
Concen: 0.211 ug/L
RT: 10.220 min Scan# 2855
Delta R.T. 0.003 min
Lab File: VV030437.D
Acq: 07 Apr 2023 12:54

Tgt Ion: 75 Resp: 1106
Ion Ratio Lower Upper
75 100
77 50.4 26.0 39.0#
110 21.7 31.6 47.4#





#62

1,3,5-Trimethylbenzene

Concen: 0.194 ug/L

RT: 10.487 min Scan# 2937

Delta R.T. 0.003 min

Lab File: VV030437.D

Acq: 07 Apr 2023 12:54

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT2-2023-04

Tgt Ion:105 Resp: 6834

Ion Ratio Lower Upper

105 100

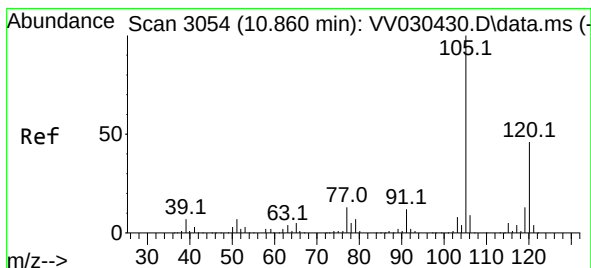
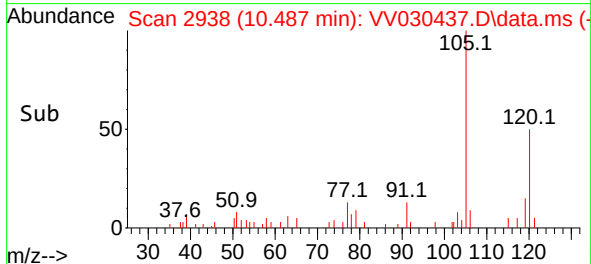
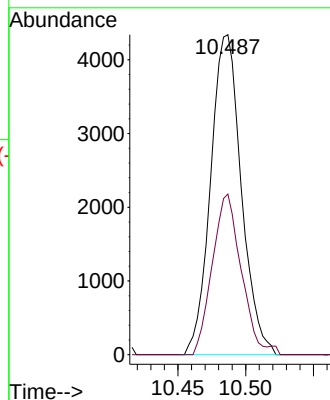
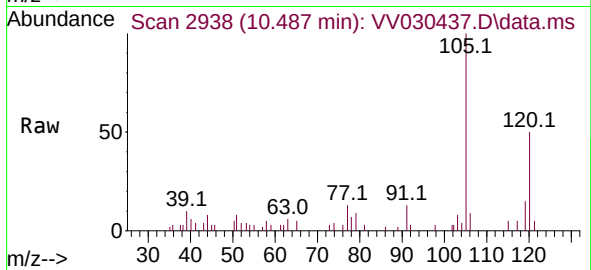
120 47.4 38.9 58.3

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Reviewed By :Krupa Patel 04/11/2023

Supervised By :Mahesh Dadoda 04/11/2023



#63

1,2,4-Trimethylbenzene

Concen: 0.182 ug/L

RT: 10.860 min Scan# 3054

Delta R.T. -0.000 min

Lab File: VV030437.D

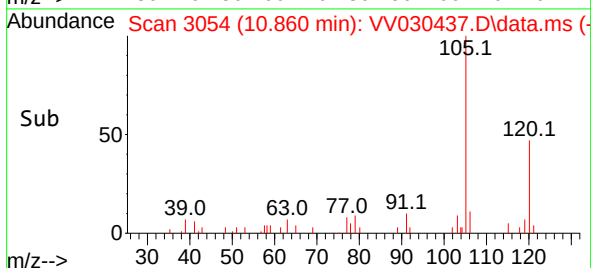
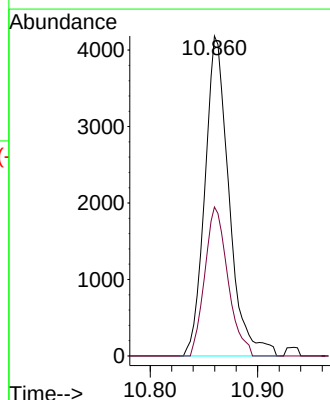
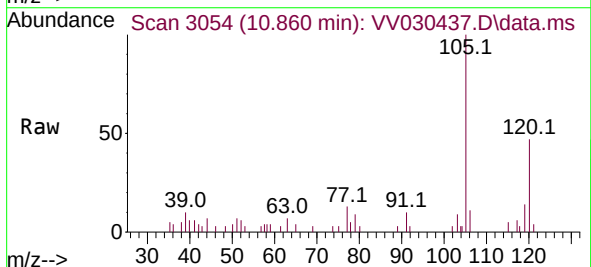
Acq: 07 Apr 2023 12:54

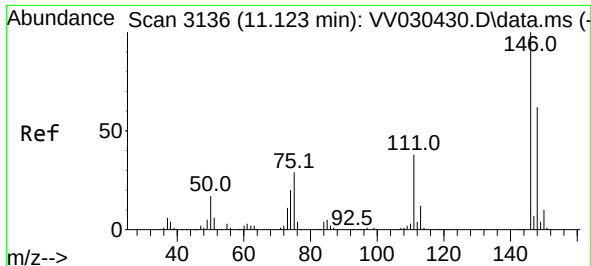
Tgt Ion:105 Resp: 6529

Ion Ratio Lower Upper

105 100

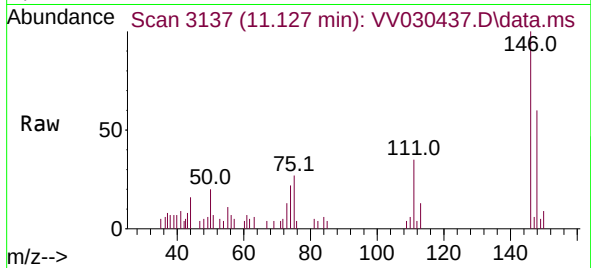
120 44.5 36.8 55.2





#64
1,3-Dichlorobenzene
Concen: 0.208 ug/L
RT: 11.127 min Scan# 3136
Delta R.T. 0.003 min
Lab File: VV030437.D
Acq: 07 Apr 2023 12:54

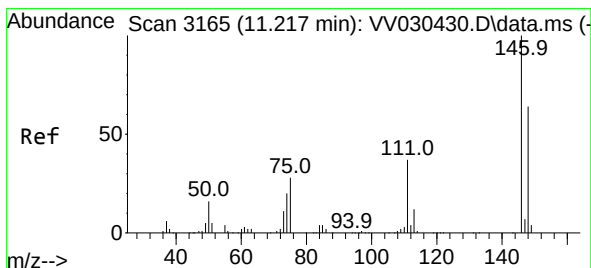
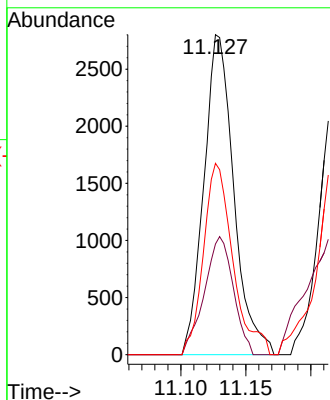
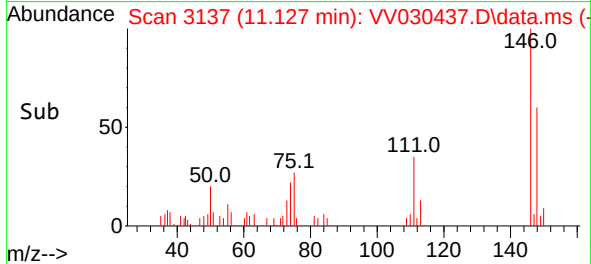
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2023-04



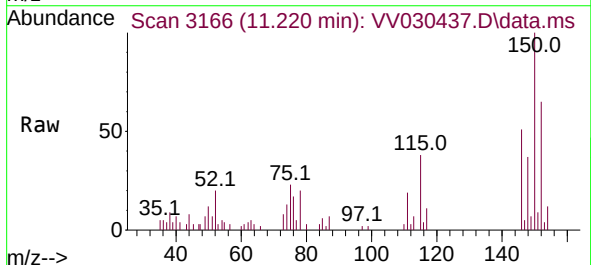
Tgt Ion:146 Resp: 4484
Ion Ratio Lower Upper
146 100
111 34.6 27.0 50.2
148 59.8 44.2 82.2

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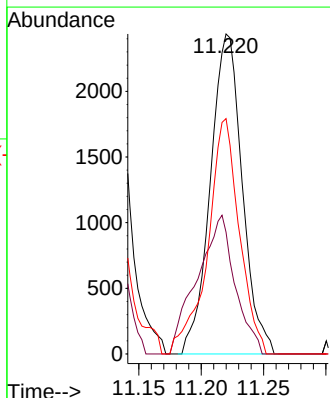
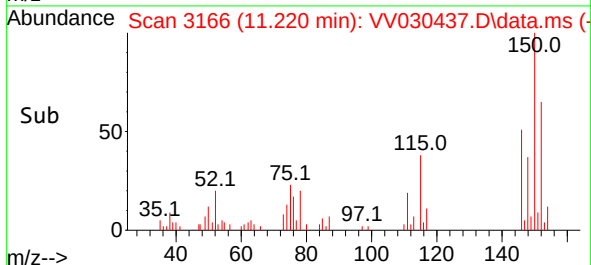
Reviewed By :Krupa Patel 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023

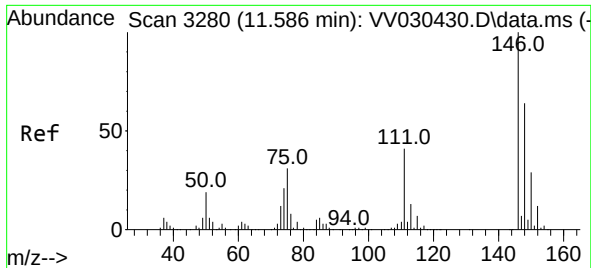


#65
1,4-Dichlorobenzene
Concen: 0.200 ug/L
RT: 11.220 min Scan# 3166
Delta R.T. 0.003 min
Lab File: VV030437.D
Acq: 07 Apr 2023 12:54



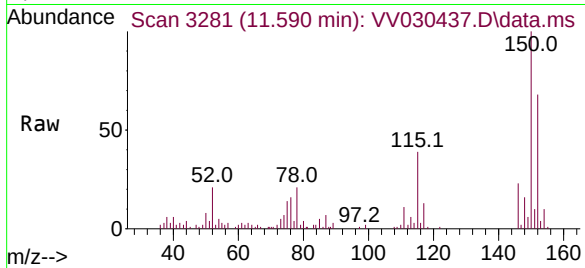
Tgt Ion:146 Resp: 4337
Ion Ratio Lower Upper
146 100
111 38.0 26.0 48.4
148 73.6 45.2 84.0





#67
1,2-Dichlorobenzene
Concen: 0.191 ug/L
RT: 11.590 min Scan# 3281
Delta R.T. 0.003 min
Lab File: VV030437.D
Acq: 07 Apr 2023 12:54

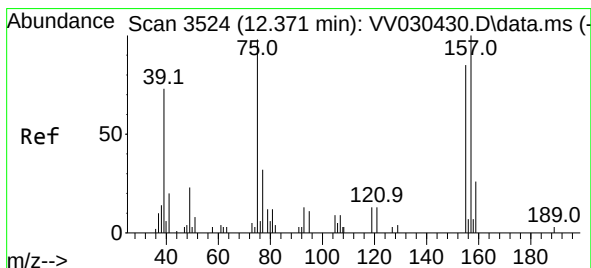
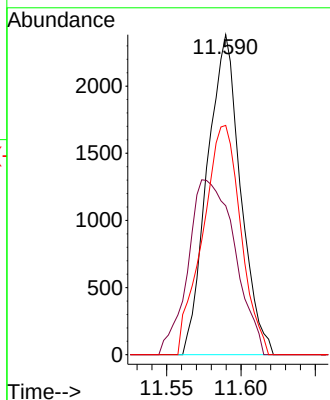
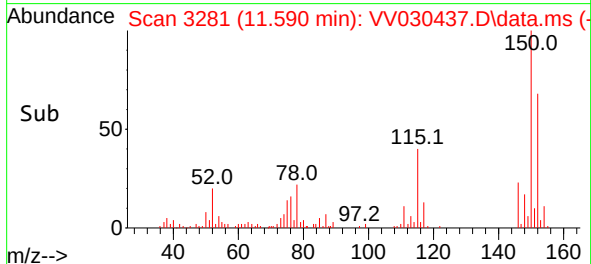
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2023-04



Tgt Ion:146 Resp: 3710
Ion Ratio Lower Upper
146 100
111 46.5 33.1 49.7
148 71.6 52.2 78.2

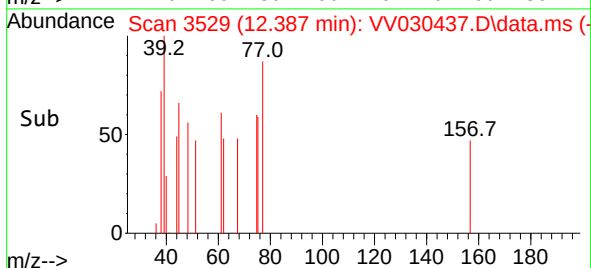
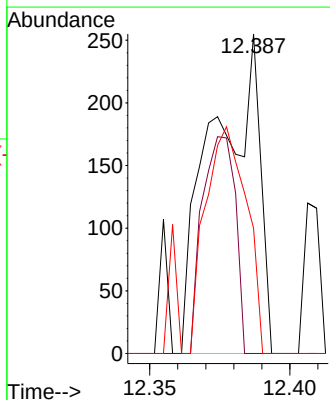
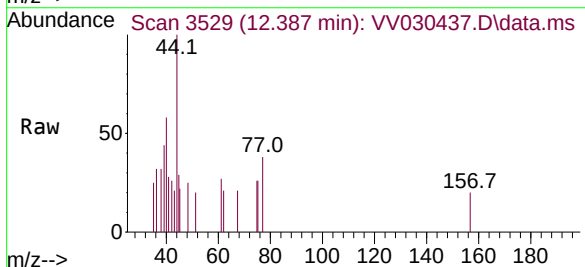
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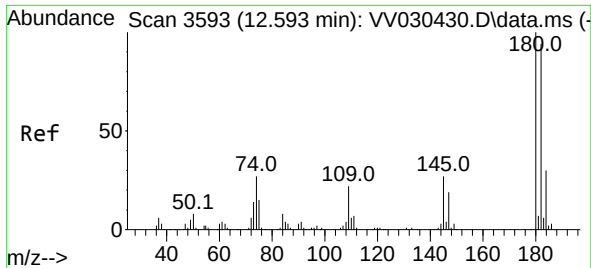
Reviewed By :Krupa Patel 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#68
1,2-Dibromo-3-chloropropane
Concen: 0.224 ug/L m
RT: 12.387 min Scan# 3529
Delta R.T. 0.016 min
Lab File: VV030437.D
Acq: 07 Apr 2023 12:54

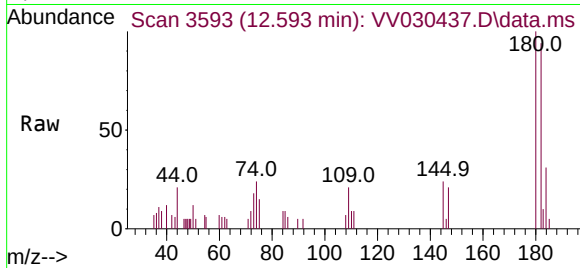
Tgt Ion: 75 Resp: 292
Ion Ratio Lower Upper
75 100
155 0.0 64.6 96.8#
157 78.1 83.8 125.6#





#69
1,3,5-Trichlorobenzene
Concen: 0.208 ug/L
RT: 12.593 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV030437.D
Acq: 07 Apr 2023 12:54

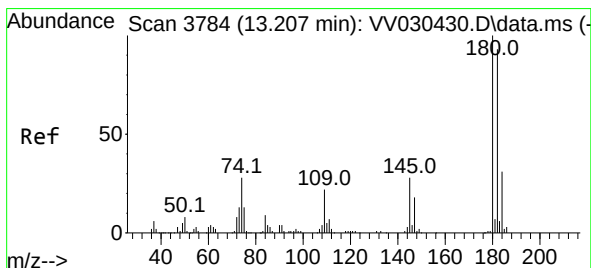
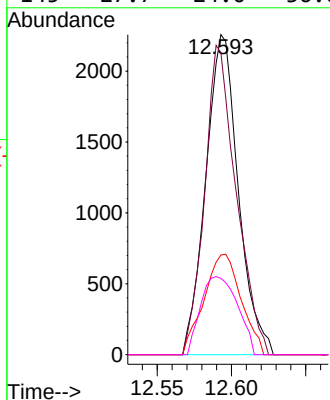
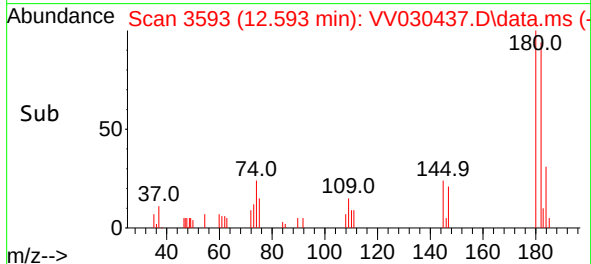
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2023-04



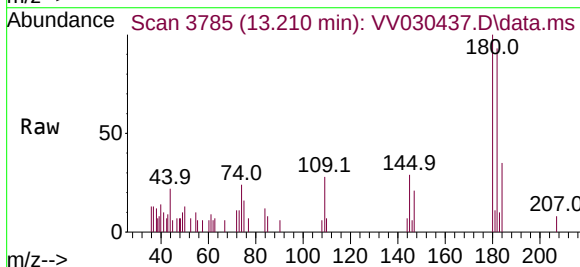
Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.6	76.5	114.7
184	35.8	24.0	36.0
145	27.7	24.0	36.0

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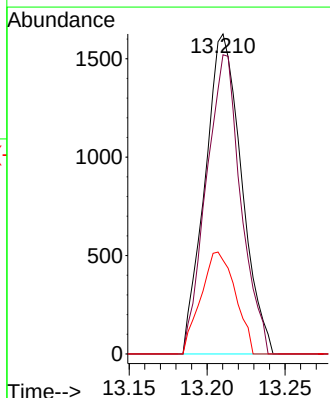
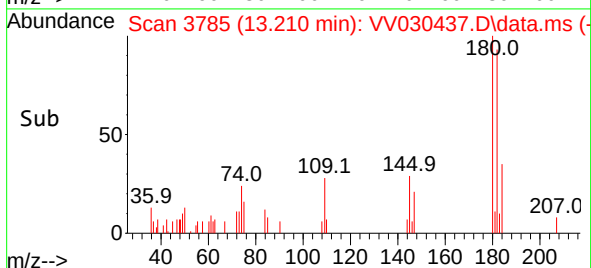
Reviewed By :Krupa Patel 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023

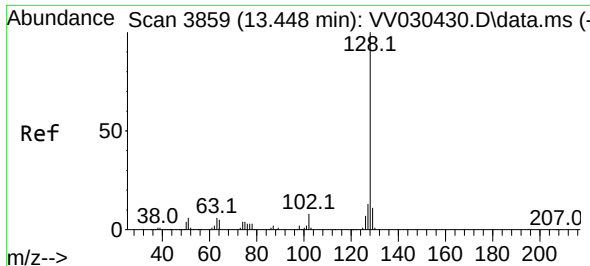


#70
1,2,4-trichlorobenzene
Concen: 0.207 ug/L
RT: 13.210 min Scan# 3785
Delta R.T. 0.003 min
Lab File: VV030437.D
Acq: 07 Apr 2023 12:54



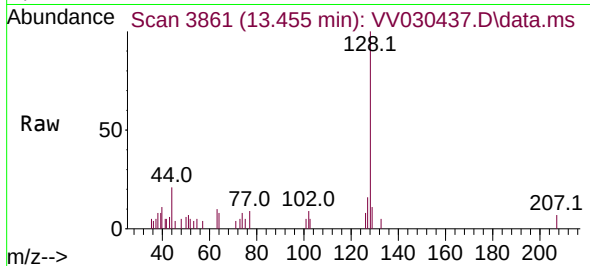
Tgt Ion	Ratio	Lower	Upper
180	100		
182	88.3	75.3	112.9
145	30.1	23.8	35.6





#71
Naphthalene
Concen: 0.230 ug/L
RT: 13.455 min Scan# 3861
Delta R.T. 0.006 min
Lab File: VV030437.D
Acq: 07 Apr 2023 12:54

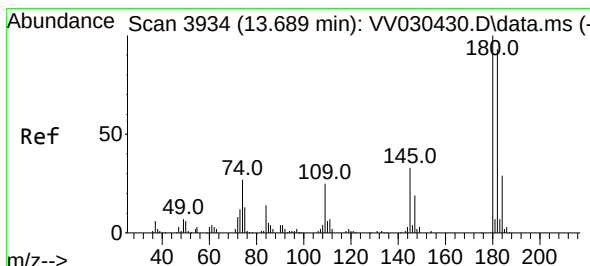
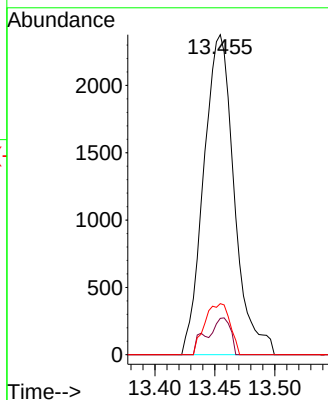
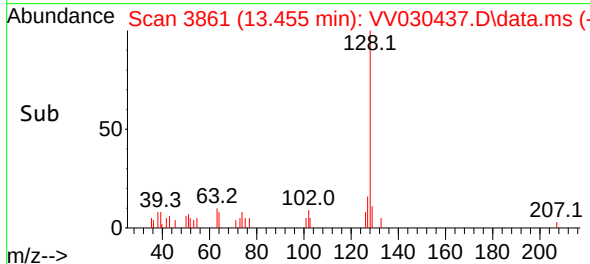
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2023-04



Tgt Ion:128 Resp: 4208
Ion Ratio Lower Upper
128 100
129 6.1 8.9 13.3
127 13.2 10.8 16.2

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Reviewed By :Krupa Patel 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#72
1,2,3-Trichlorobenzene
Concen: 0.181 ug/L
RT: 13.689 min Scan# 3934
Delta R.T. -0.000 min
Lab File: VV030437.D
Acq: 07 Apr 2023 12:54

Tgt Ion:180 Resp: 2008
Ion Ratio Lower Upper
180 100
182 100.6 76.6 115.0
145 38.1 25.0 37.4#

