

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040623\
 Data File : VW030409.D
 Acq On : 06 Apr 2023 11:36
 Operator : SY/MD
 Sample : 02215-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Apr 07 04:49:53 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	123102	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	119181	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	59255	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	39150	4.802	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.000%
7) Chloroethane-d5	1.535	69	39518	4.995	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.800%
11) 1,1-Dichloroethene-d2	2.063	63	72146	3.729	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.600%
20) 2-Butanone-d5	3.834	46	99449m	47.192	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.380%
24) Chloroform-d	4.259	84	97281	4.930	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
26) 1,2-Dichloroethane-d4	4.953	65	49510	5.318	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.400%
32) Benzene-d6	4.969	84	173838	5.176	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.600%
36) 1,2-Dichloropropane-d6	5.998	67	55897	5.316	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.400%
41) Toluene-d8	7.252	98	152526	4.946	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.000%
43) trans-1,3-Dichloroprop...	7.564	79	18446	4.660	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.200%
46) 2-Hexanone-d5	8.037	63	75355	47.371	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.740%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	39343	4.748	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.000%
66) 1,2-Dichlorobenzene-d4	11.570	152	58276	5.503	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.000%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.108	85	3200	0.204	ug/L #	87
3) Chloromethane	1.217	50	7238	0.367	ug/L	99
5) Vinyl chloride	1.285	62	3391	0.236	ug/L #	79
6) Bromomethane	1.490	94	1545	0.376	ug/L	86
8) Chloroethane	1.555	64	2222	0.269	ug/L	97
9) Trichlorofluoromethane	1.715	101	5023	0.239	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	3228	0.279	ug/L	86
12) 1,1-Dichloroethene	2.069	96	2865	0.279	ug/L #	1
13) Acetone	2.166	43	6276m	3.114	ug/L	
14) Carbon disulfide	2.243	76	7306	0.216	ug/L #	94
15) Methyl Acetate	2.400	43	756m	0.210	ug/L	
16) Methylene chloride	2.452	84	15116	1.242	ug/L	98
17) Methyl tert-butyl Ether	2.722	73	4516	0.207	ug/L #	81
18) trans-1,2-Dichloroethene	2.703	96	2197	0.203	ug/L	99
19) 1,1-Dichloroethane	3.124	63	4693	0.223	ug/L	95
22) cis-1,2-Dichloroethene	3.834	96	2763	0.254	ug/L #	61
23) Bromochloromethane	4.159	128	1185	0.233	ug/L #	92
27) 1,2-Dichloroethane	5.056	62	3046	0.237	ug/L #	88
29) 1,1,1-Trichloroethane	4.519	97	4417	0.231	ug/L #	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) Cyclohexane	4.593	56	3729	0.214	ug/L	97
31) Carbon tetrachloride	4.747	117	3848	0.221	ug/L	99
33) Benzene	5.027	78	9337	0.221	ug/L	100
34) Trichloroethene	5.844	95	2404	0.211	ug/L	89
35) Methylcyclohexane	6.063	83	4203	0.235	ug/L	90
37) 1,2-Dichloropropane	6.111	63	2090	0.192	ug/L	99
38) Bromodichloromethane	6.448	83	3285	0.231	ug/L #	82
39) cis-1,3-Dichloropropene	6.969	75	3258	0.213	ug/L	95
40) 4-Methyl-2-pentanone	7.178	43	9217	1.610	ug/L #	88
42) Toluene	7.329	91	9631	0.214	ug/L	95
44) trans-1,3-Dichloropropene	7.596	75	2612m	0.201	ug/L	
45) 1,1,2-Trichloroethane	7.786	97	1686	0.220	ug/L	95
47) Tetrachloroethene	7.915	164	2055	0.204	ug/L	84
48) 2-Hexanone	8.095	43	12100	2.821	ug/L #	95
49) Dibromochloromethane	8.188	129	2119	0.233	ug/L	90
50) 1,2-Dibromoethane	8.291	107	1715	0.246	ug/L #	70
51) Chlorobenzene	8.825	112	6485	0.225	ug/L	91
52) Ethylbenzene	8.956	91	9046	0.183	ug/L	99
53) m,p-Xylene	9.085	106	3862	0.205	ug/L	78
54) o-Xylene	9.490	106	3140	0.174	ug/L	71
55) Styrene	9.509	104	5652	0.184	ug/L	89
57) 1,1,2,2-Tetrachloroethane	10.191	83	2164	0.238	ug/L #	91
59) Bromoform	9.677	173	1125	0.235	ug/L #	91
60) Isopropylbenzene	9.876	105	9396	0.215	ug/L	95
61) 1,2,3-Trichloropropane	10.220	75	1245	0.235	ug/L #	83
62) 1,3,5-Trimethylbenzene	10.484	105	7700	0.216	ug/L	96
63) 1,2,4-Trimethylbenzene	10.860	105	7796	0.215	ug/L	99
64) 1,3-Dichlorobenzene	11.127	146	4900	0.225	ug/L	96
65) 1,4-Dichlorobenzene	11.223	146	4972	0.226	ug/L	99
67) 1,2-Dichlorobenzene	11.590	146	4924	0.251	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.384	75	482	0.366	ug/L #	80
69) 1,3,5-Trichlorobenzene	12.593	180	4240	0.253	ug/L	88
70) 1,2,4-trichlorobenzene	13.210	180	2998	0.231	ug/L	95
71) Naphthalene	13.451	128	4291	0.232	ug/L #	85
72) 1,2,3-Trichlorobenzene	13.689	180	2485	0.221	ug/L	98

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

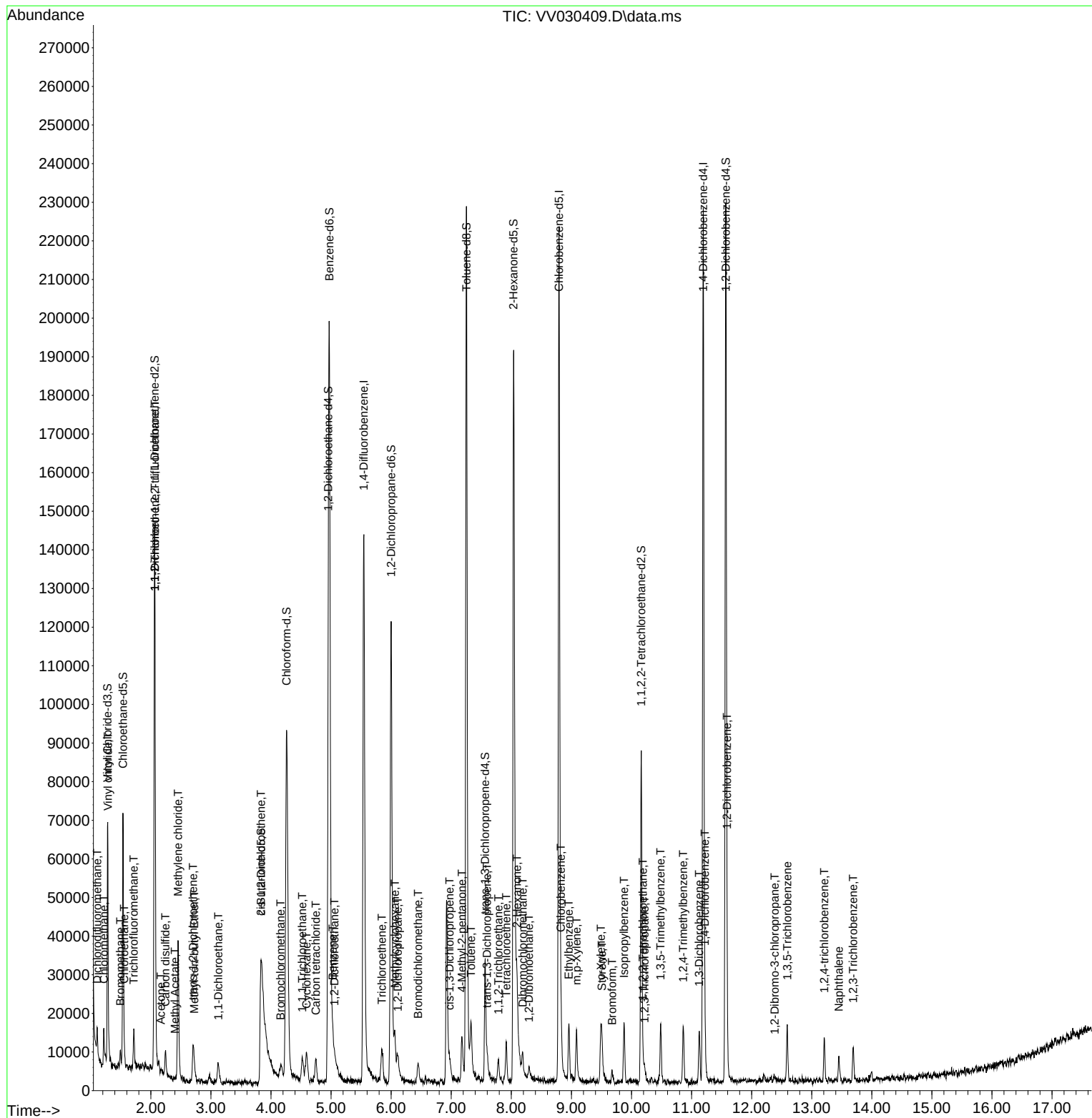
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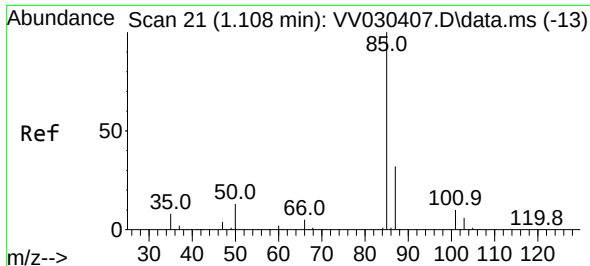
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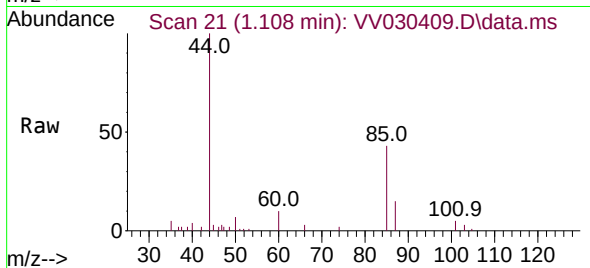
Reviewed By :Krupa Patel 04/07/2023
 Supervised By :Mahesh Dadoda 04/07/2023





#2
Dichlorodifluoromethane
Concen: 0.204 ug/L
RT: 1.108 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV030409.D
Acq: 06 Apr 2023 11:36

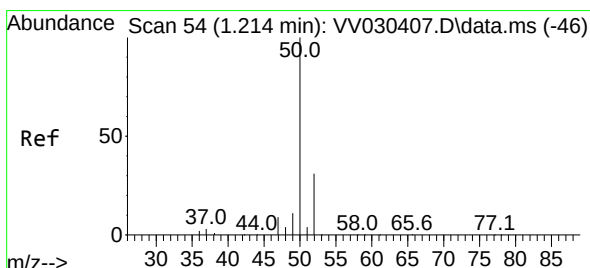
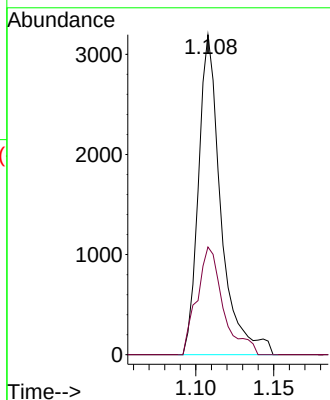
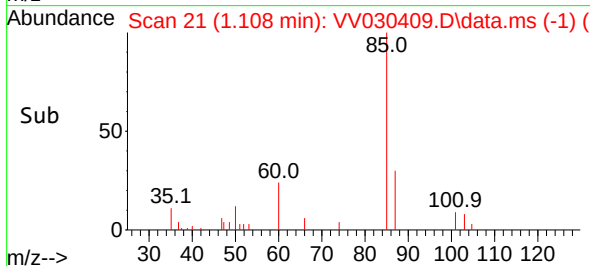
Instrument : MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2023-03



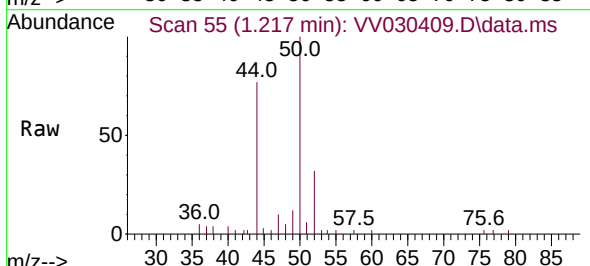
Tgt Ion: 85 Resp: 3200
Ion Ratio Lower Upper
85 100
87 39.3 25.6 38.4

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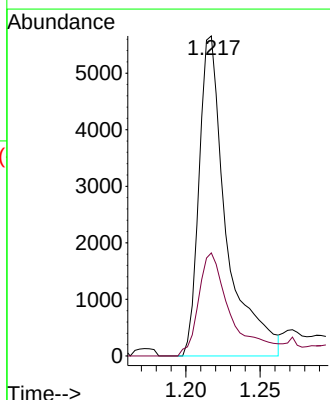
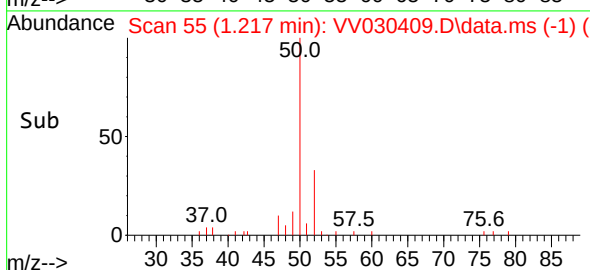
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023

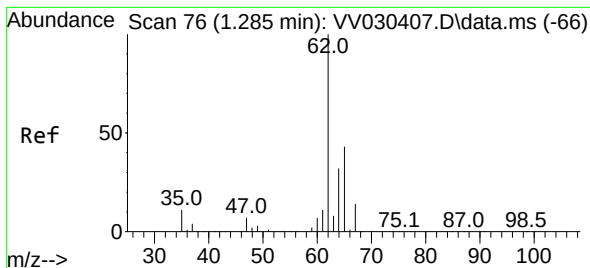


#3
Chloromethane
Concen: 0.367 ug/L
RT: 1.217 min Scan# 55
Delta R.T. -0.000 min
Lab File: VV030409.D
Acq: 06 Apr 2023 11:36



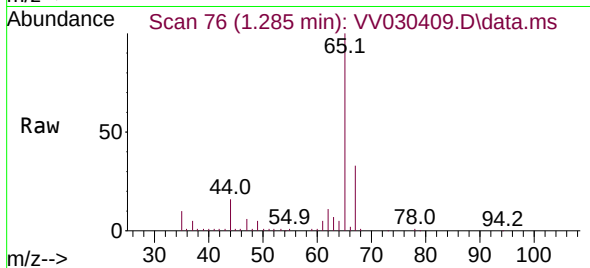
Tgt Ion: 50 Resp: 7238
Ion Ratio Lower Upper
50 100
52 32.2 22.3 41.5





#5
 Vinyl chloride
 Concen: 0.236 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VV030409.D
 Acq: 06 Apr 2023 11:36

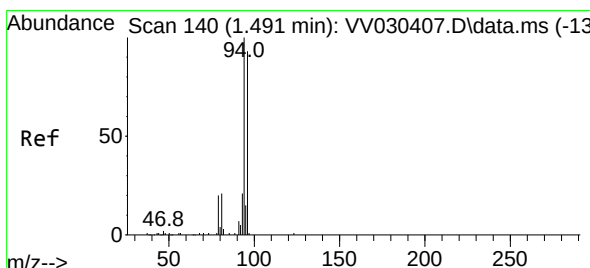
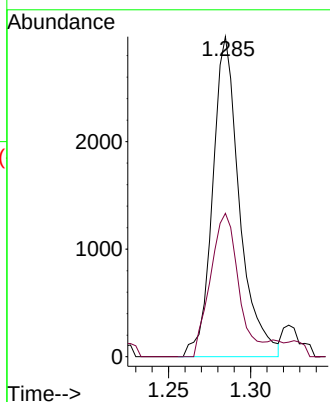
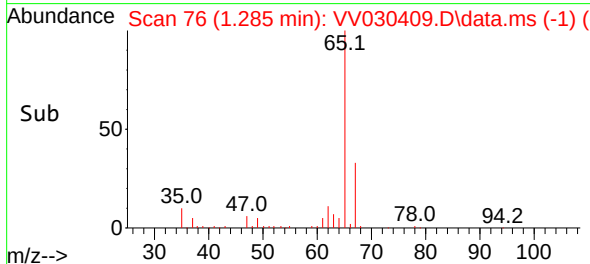
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT2-2023-03



Tgt Ion: 62 Resp: 339
 Ion Ratio Lower Upper
 62 100
 64 44.8 23.2 43.2

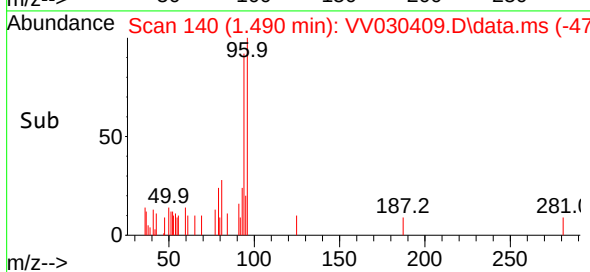
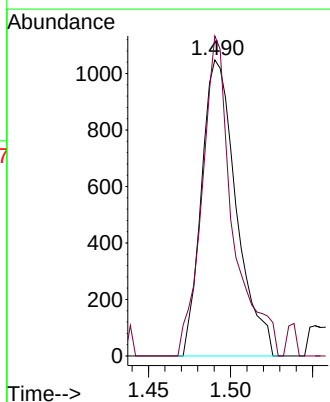
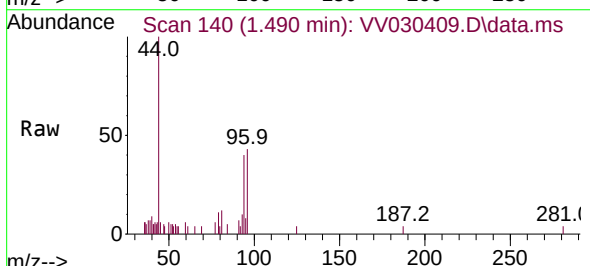
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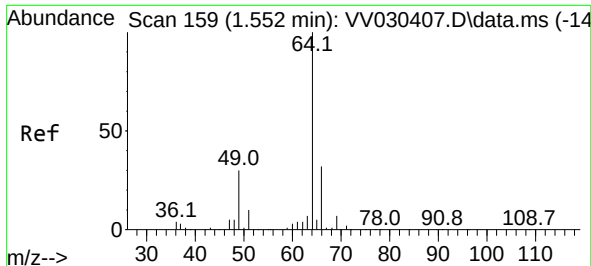
Reviewed By :Krupa Patel 04/07/2023
 Supervised By :Mahesh Dadoda 04/07/2023



#6
 Bromomethane
 Concen: 0.376 ug/L
 RT: 1.490 min Scan# 140
 Delta R.T. -0.000 min
 Lab File: VV030409.D
 Acq: 06 Apr 2023 11:36

Tgt Ion: 94 Resp: 1545
 Ion Ratio Lower Upper
 94 100
 96 108.1 66.1 122.7





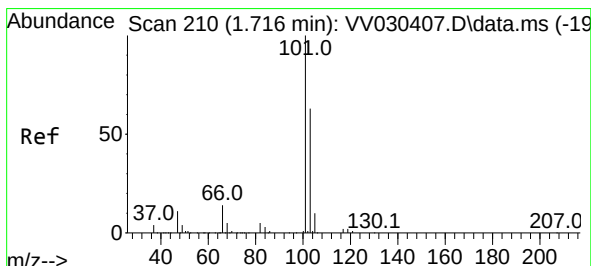
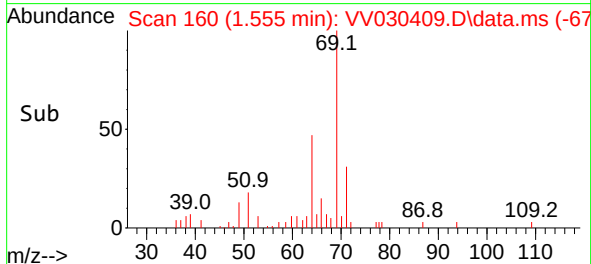
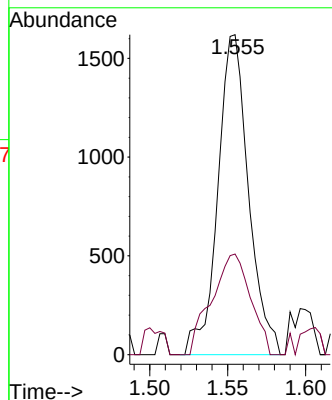
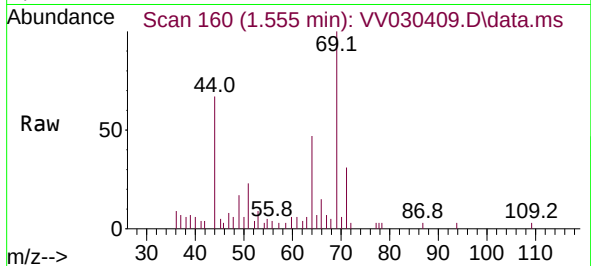
#8
Chloroethane
Concen: 0.269 ug/L
RT: 1.555 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV030409.D
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ClientSampleId :
MDL-WATER-QT2-2023-03

Tgt Ion: 64 Resp: 222
Ion Ratio Lower Upper
64 100
66 31.4 23.0 42.8

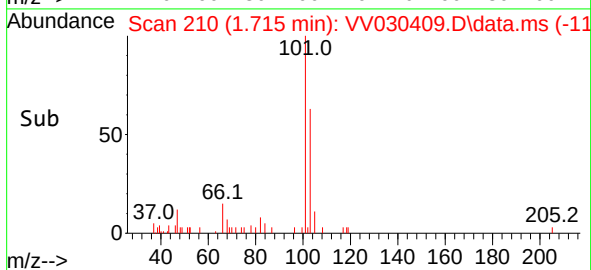
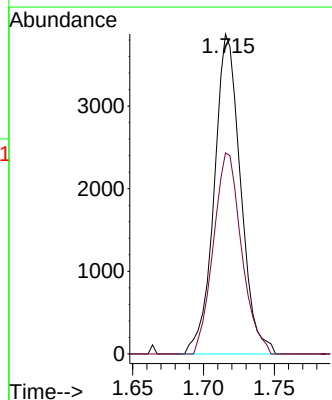
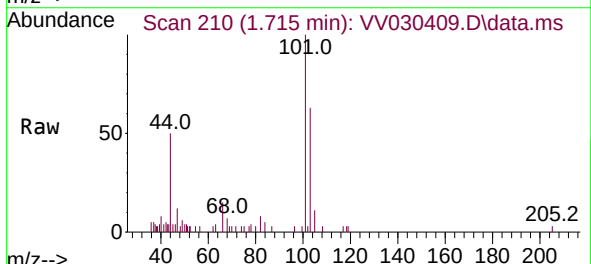
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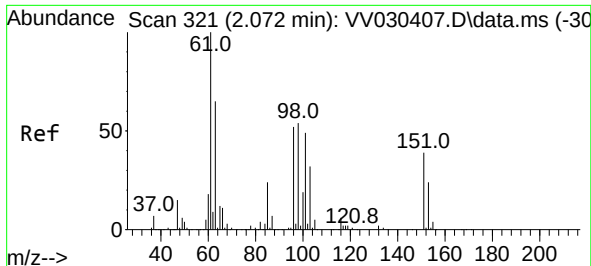
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#9
Trichlorofluoromethane
Concen: 0.239 ug/L
RT: 1.715 min Scan# 210
Delta R.T. -0.003 min
Lab File: VV030409.D
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Tgt Ion:101 Resp: 5023
Ion Ratio Lower Upper
101 100
103 66.9 51.0 76.6





#10

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

Concen: 0.279 ug/L

RT: 2.069 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV030409.D

Acq: 06 Apr 2023 11:36

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT2-2023-03

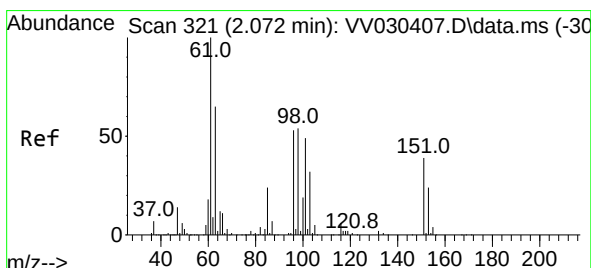
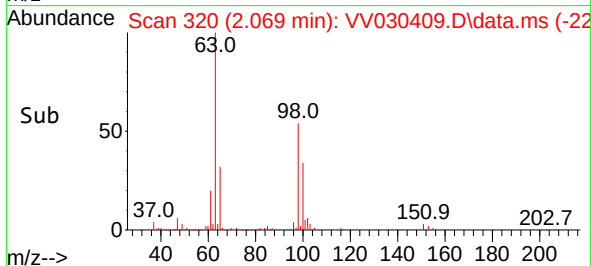
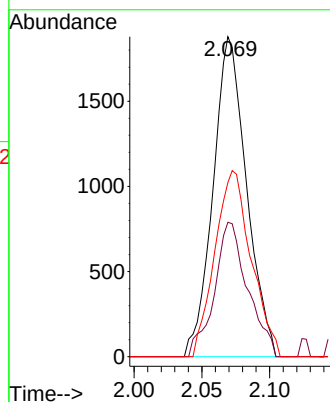
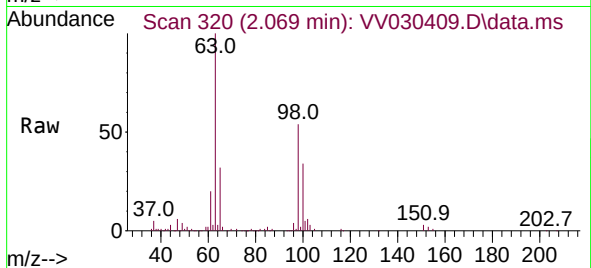
Tgt Ion:	101	Resp:	3228
Ion Ratio	Lower	Upper	
101	100		
85	41.8	38.1	57.1
151	63.0	62.7	94.1

Manual Integrations

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#12

1,1-Dichloroethene

Concen: 0.279 ug/L

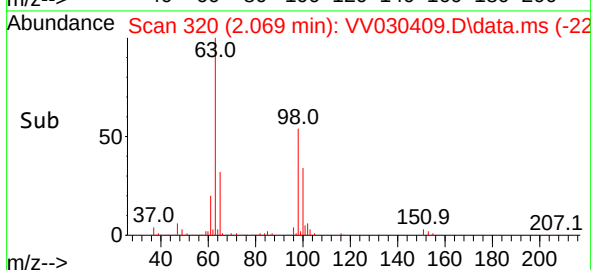
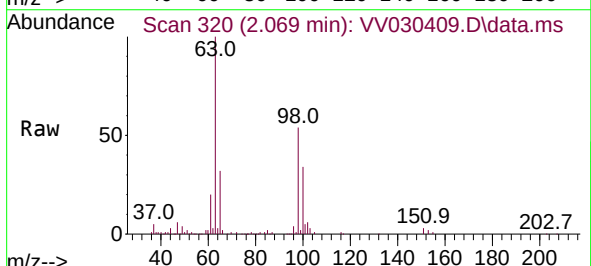
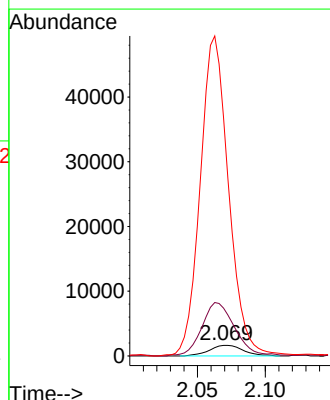
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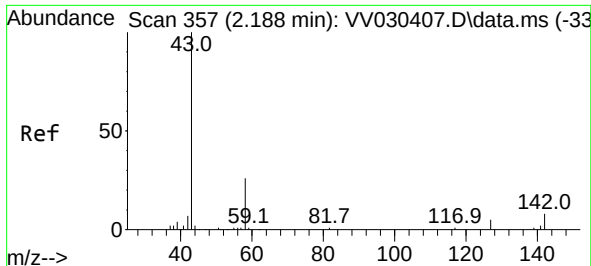
Delta R.T. -0.007 min

Lab File: VV030409.D

Acq: 06 Apr 2023 11:36

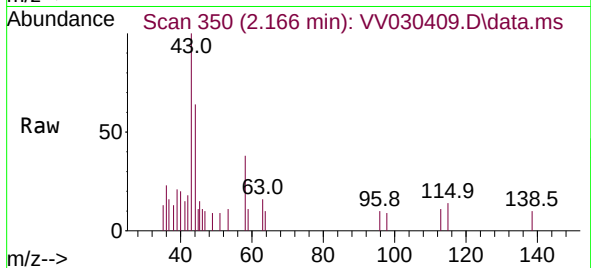
Tgt Ion:	96	Resp:	2865
Ion Ratio	Lower	Upper	
96	100		
61	451.6	136.3	253.1#
63	2251.3	92.1	171.1#





#13
Acetone
Concen: 3.114 ug/L m
RT: 2.166 min Scan# 357
Delta R.T. 0.019 min
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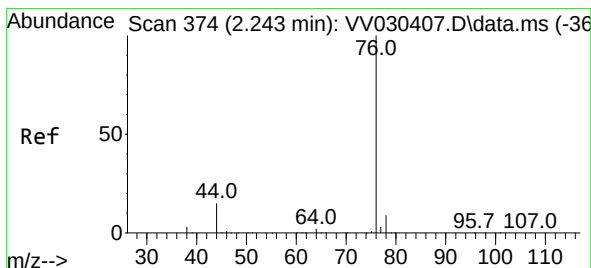
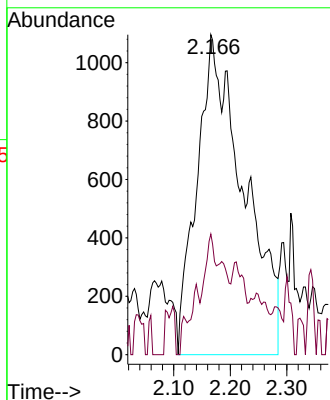
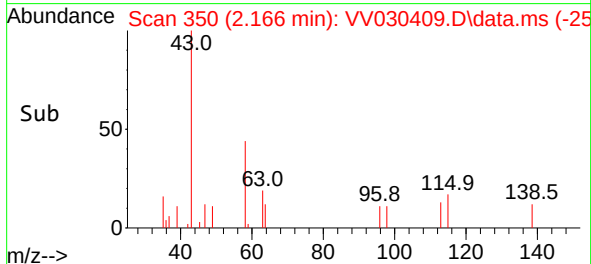
Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT2-2023-03



Tgt Ion: 43 Resp: 6270
Ion Ratio Lower Upper
43 100
58 3.9 0.0 40.8

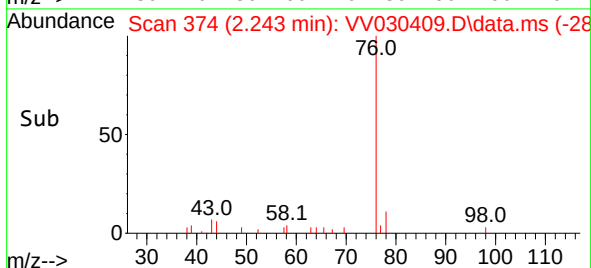
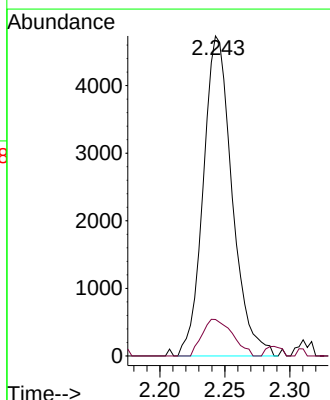
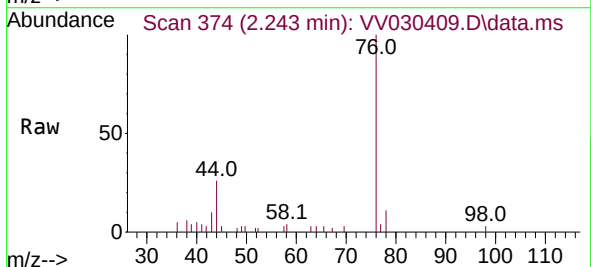
Manual Integrations
APPROVED

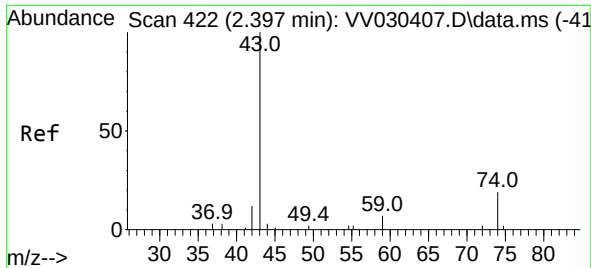
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#14
Carbon disulfide
Concen: 0.216 ug/L
RT: 2.243 min Scan# 374
Delta R.T. -0.003 min
Lab File: VV030409.D
Acq: 06 Apr 2023 11:36

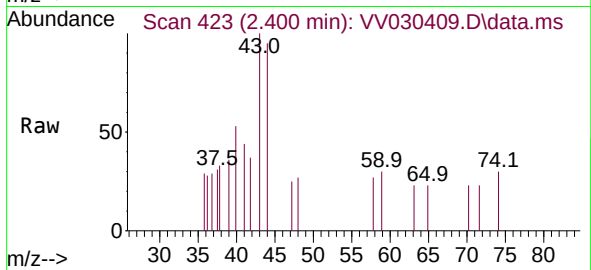
Tgt Ion: 76 Resp: 7306
Ion Ratio Lower Upper
76 100
78 11.4 7.3 10.9#





#15
Methyl Acetate
Concen: 0.210 ug/L m
RT: 2.400 min Scan# 430
Delta R.T. 0.009 min
Lab File: VV030409.D
Acq: 06 Apr 2023 11:36

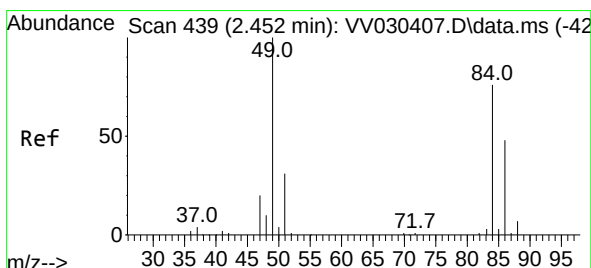
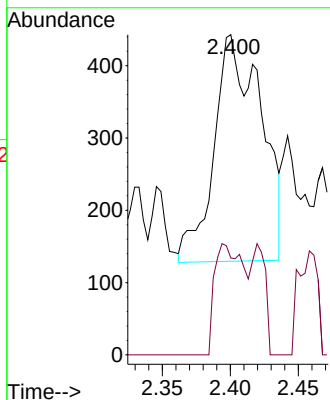
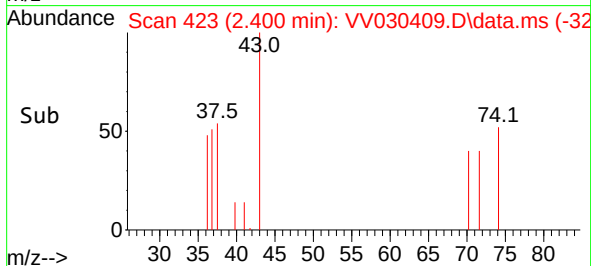
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2023-03



Tgt Ion: 43 Resp: 750
Ion Ratio Lower Upper
43 100
74 30.0 22.1 33.1

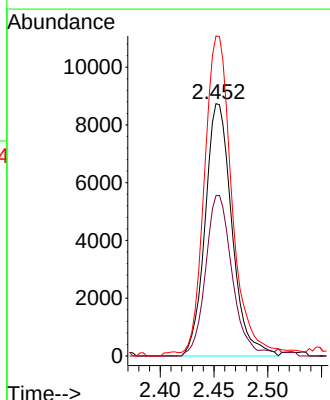
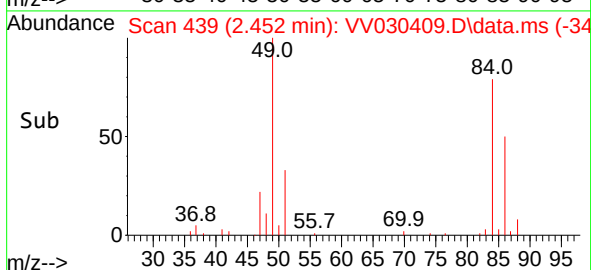
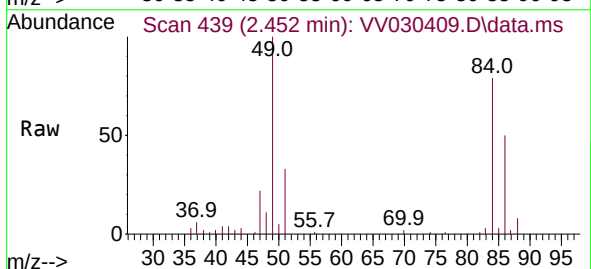
Manual Integrations
APPROVED

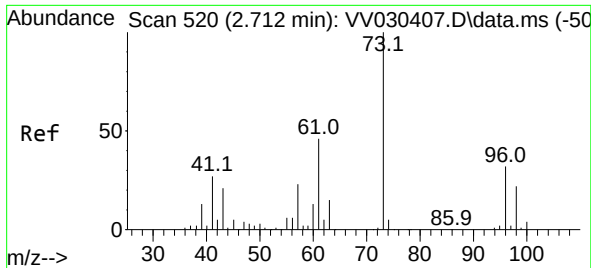
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#16
Methylene chloride
Concen: 1.242 ug/L
RT: 2.452 min Scan# 439
Delta R.T. -0.000 min
Lab File: VV030409.D
Acq: 06 Apr 2023 11:36

Tgt Ion: 84 Resp: 15116
Ion Ratio Lower Upper
84 100
86 63.5 44.0 81.6
49 126.8 90.6 168.3





#17

Methyl tert-butyl Ether

Concen: 0.207 ug/L

RT: 2.722 min Scan# 517

Delta R.T. 0.010 min

Lab File: VV030409.D

Acq: 06 Apr 2023 11:36

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT2-2023-03

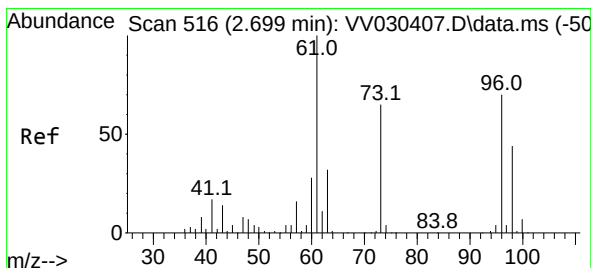
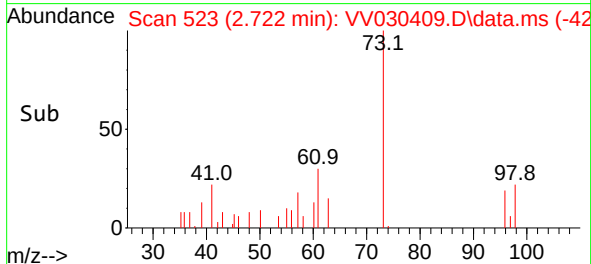
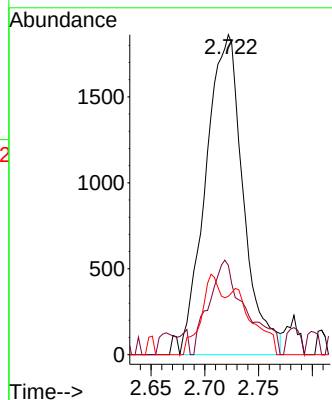
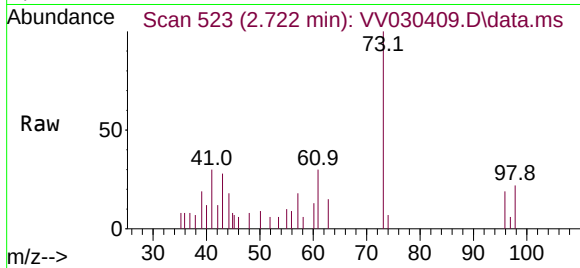
Tgt Ion: 73	Resp: 4510
Ion Ratio	Lower Upper
73	100
43	29.2 17.4 26.2
57	12.5 18.3 27.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#18

trans-1,2-Dichloroethene

Concen: 0.203 ug/L

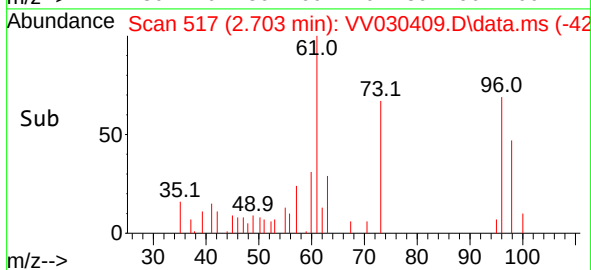
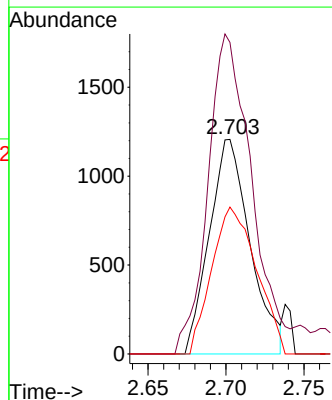
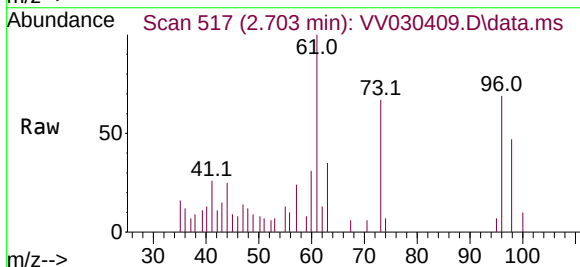
RT: 2.703 min Scan# 517

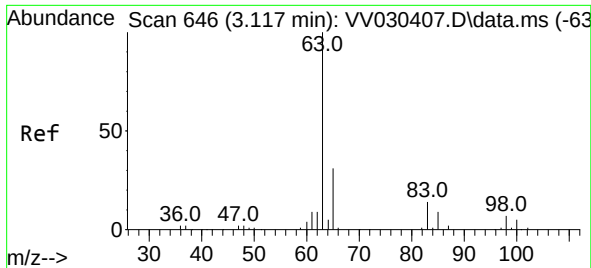
Delta R.T. 0.003 min

Lab File: VV030409.D

Acq: 06 Apr 2023 11:36

Tgt Ion: 96	Resp: 2197
Ion Ratio	Lower Upper
96	100
61	145.2 101.7 188.9
98	68.4 45.8 85.2





#19

1,1-Dichloroethane

Concen: 0.223 ug/L

RT: 3.124 min Scan# 646

Delta R.T. 0.006 min

Lab File: VV030409.D

Acq: 06 Apr 2023 11:36

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT2-2023-03

Tgt Ion: 63 Resp: 469

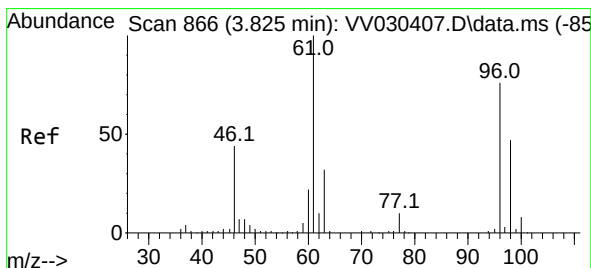
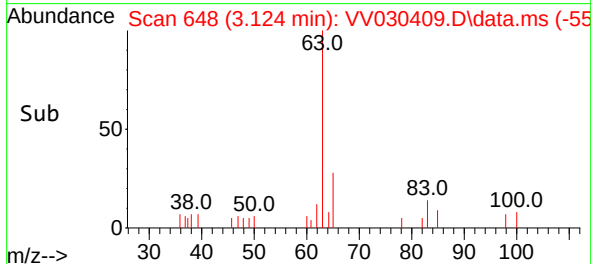
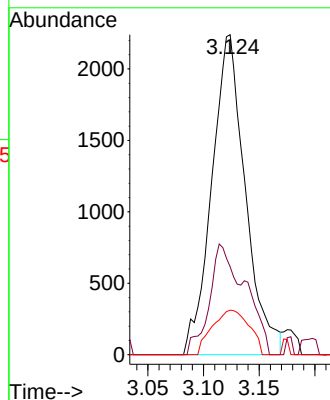
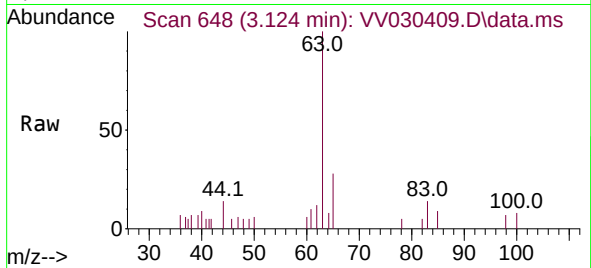
Ion	Ratio	Lower	Upper
63	100		
65	27.5	21.7	40.3
83	13.9	9.1	16.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#22

cis-1,2-Dichloroethene

Concen: 0.254 ug/L

RT: 3.834 min Scan# 869

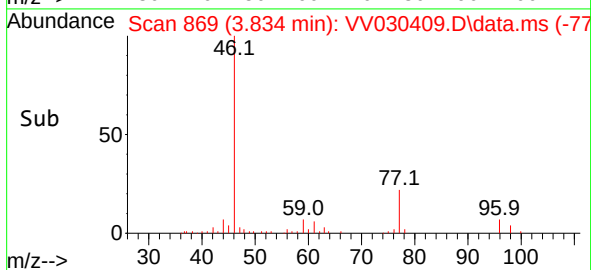
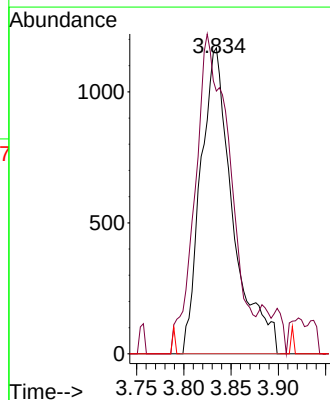
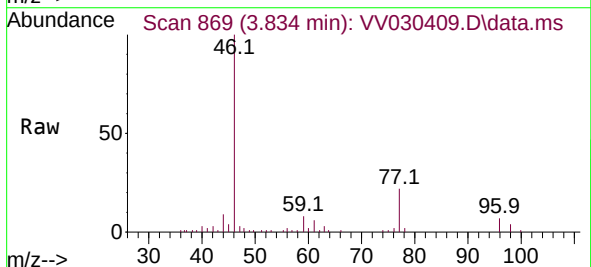
Delta R.T. 0.009 min

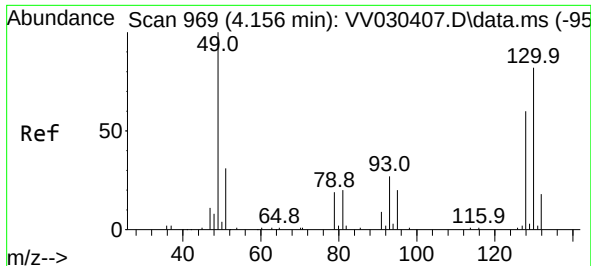
Lab File: VV030409.D

Acq: 06 Apr 2023 11:36

Tgt Ion: 96 Resp: 2763

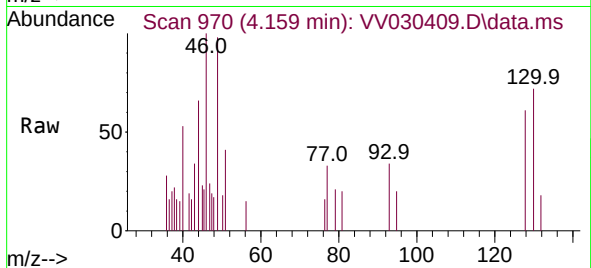
Ion	Ratio	Lower	Upper
96	100		
61	85.9	92.0	170.8#
68	0.0	0.0	0.0





#23
Bromochloromethane
Concen: 0.233 ug/L
RT: 4.159 min Scan# 91
Delta R.T. 0.003 min
Lab File: VV030409.D
Acq: 06 Apr 2023 11:36

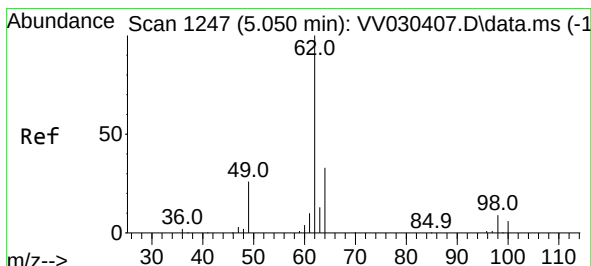
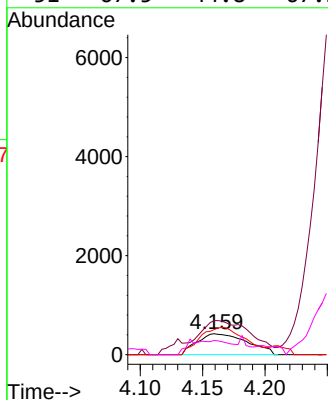
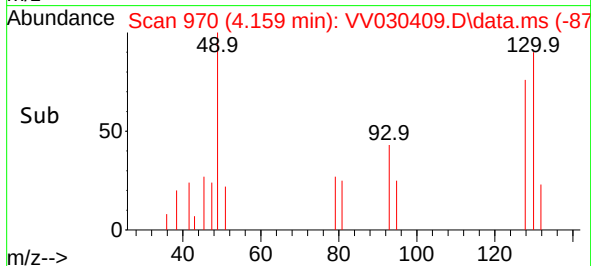
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2023-03



Tgt Ion: 128 Resp: 118
Ion Ratio Lower Upper
128 100
49 162.3 119.4 221.8
130 118.9 89.2 165.8
51 67.5 44.8 67.2#

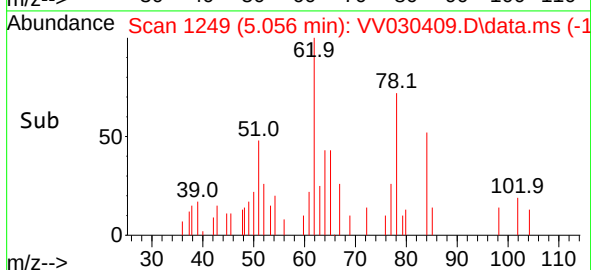
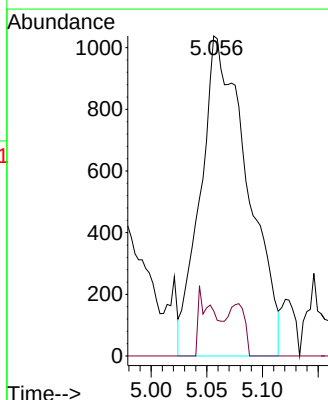
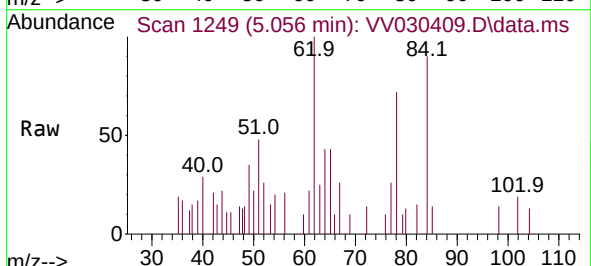
Manual Integrations
APPROVED

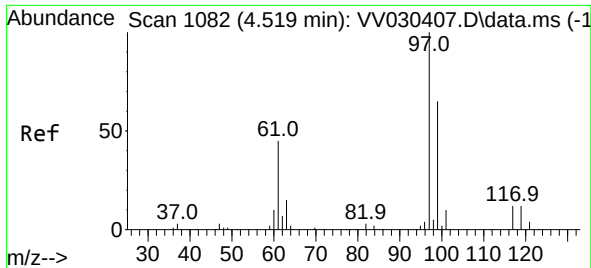
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#27
1,2-Dichloroethane
Concen: 0.237 ug/L
RT: 5.056 min Scan# 1249
Delta R.T. 0.006 min
Lab File: VV030409.D
Acq: 06 Apr 2023 11:36

Tgt Ion: 62 Resp: 3046
Ion Ratio Lower Upper
62 100
98 14.1 7.8 11.8#





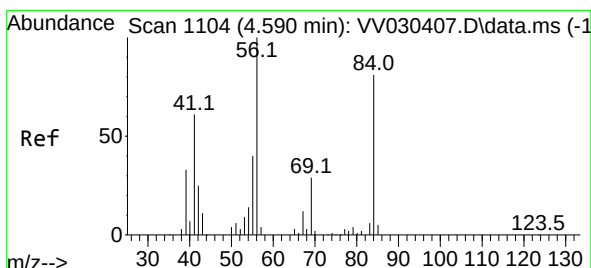
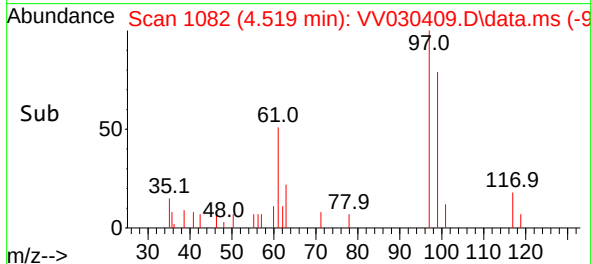
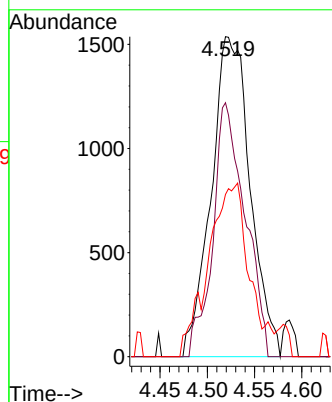
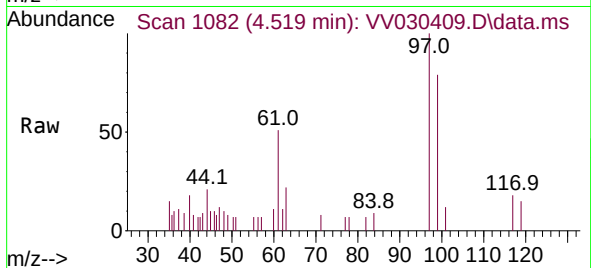
#29
1,1,1-Trichloroethane
Concen: 0.231 ug/L
RT: 4.519 min Scan# 1105
Delta R.T. -0.003 min
Lab File: VV030409.D
Acq: 06 Apr 2023 11:36

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

Tgt Ion: 97	Resp: 441		
Ion Ratio	Lower	Upper	
97	100		
99	65.4	50.9	76.3
61	54.7	35.9	53.9

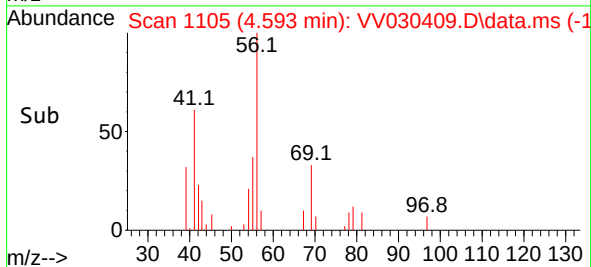
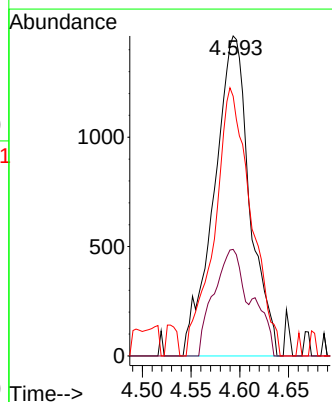
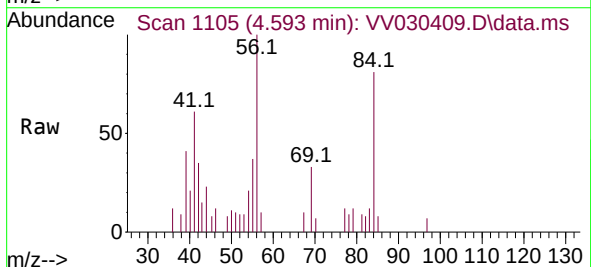
Manual Integrations
APPROVED

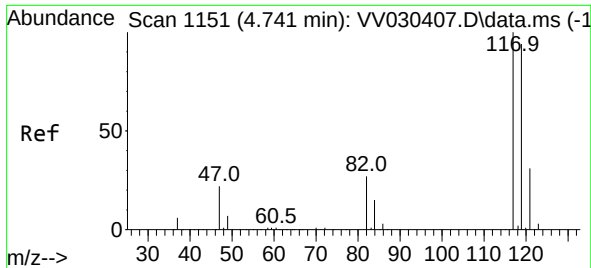
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#30
Cyclohexane
Concen: 0.214 ug/L
RT: 4.593 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VV030409.D
Acq: 06 Apr 2023 11:36

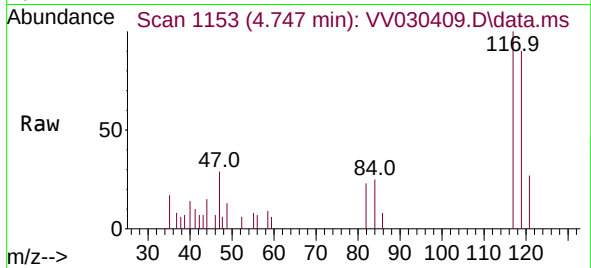
Tgt Ion: 56	Resp: 3729
Ion Ratio	Lower Upper
56 100	
69 27.4	24.2 36.2
84 85.6	66.6 100.0





#31
Carbon tetrachloride
Concen: 0.221 ug/L
RT: 4.747 min Scan# 1151
Delta R.T. 0.003 min
Lab File: VV030409.D
Acq: 06 Apr 2023 11:36

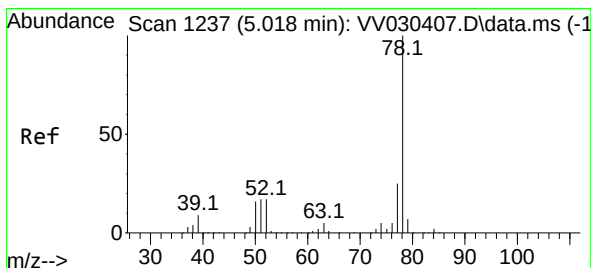
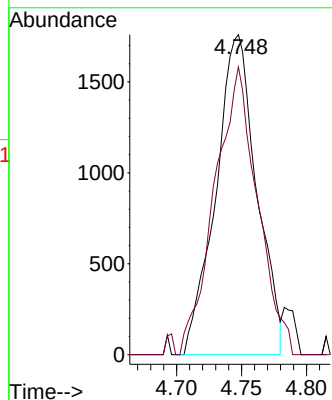
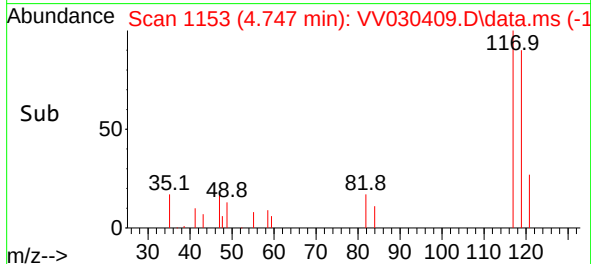
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2023-03



Tgt Ion:117 Resp: 3848
Ion Ratio Lower Upper
117 100
119 94.2 76.2 114.4

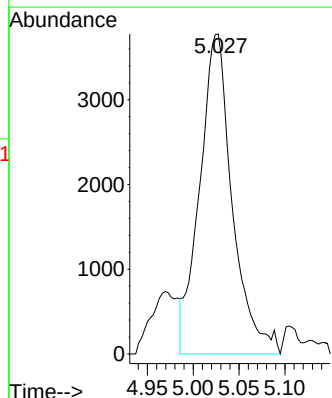
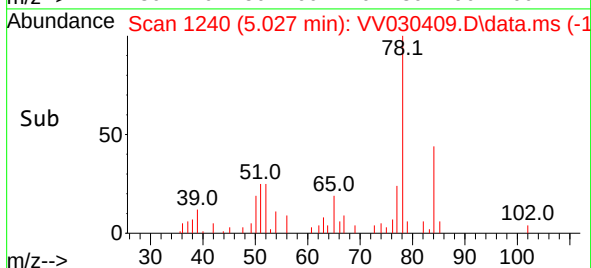
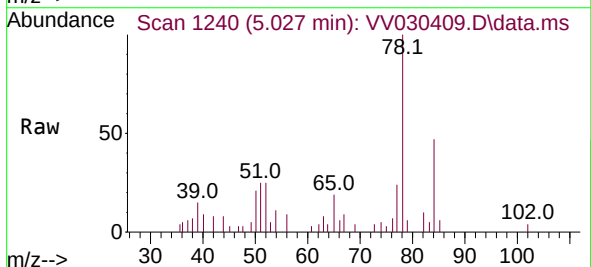
Manual Integrations
APPROVED

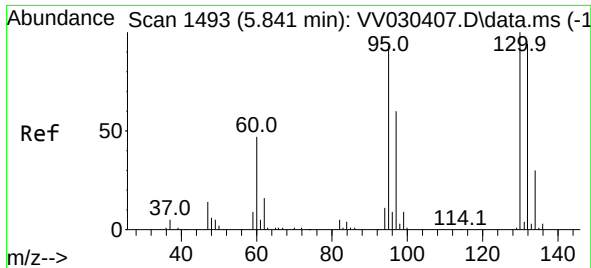
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#33
Benzene
Concen: 0.221 ug/L
RT: 5.027 min Scan# 1240
Delta R.T. 0.009 min
Lab File: VV030409.D
Acq: 06 Apr 2023 11:36

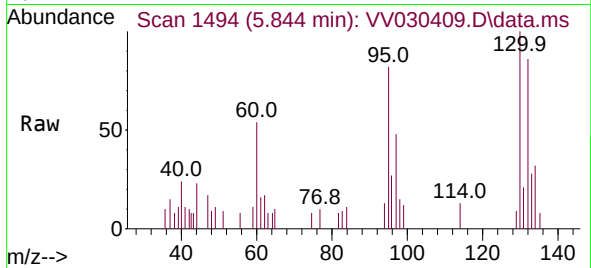
Tgt Ion: 78 Resp: 9337





#34
Trichloroethene
Concen: 0.211 ug/L
RT: 5.844 min Scan# 1493
Delta R.T. 0.003 min
Lab File: VV030409.D
Acq: 06 Apr 2023 11:36

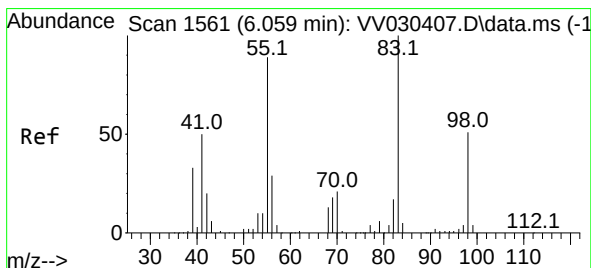
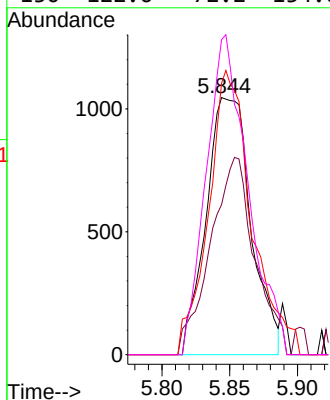
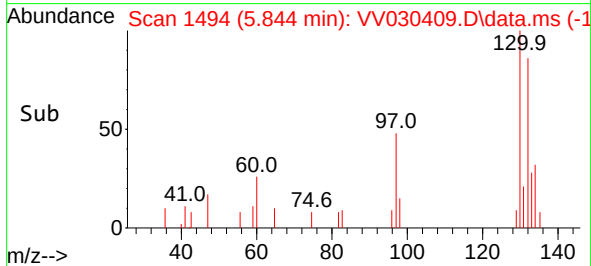
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2023-03



Tgt Ion: 95 Resp: 2404
Ion Ratio Lower Upper
95 100
97 58.4 44.2 82.2
132 105.6 69.5 129.1
130 122.6 72.2 134.0

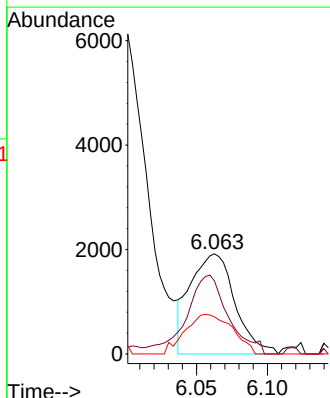
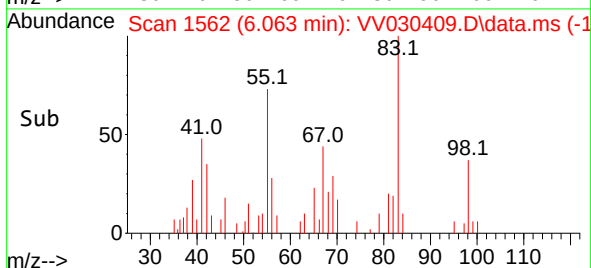
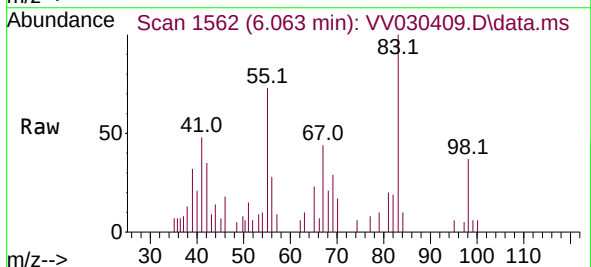
Manual Integrations
APPROVED

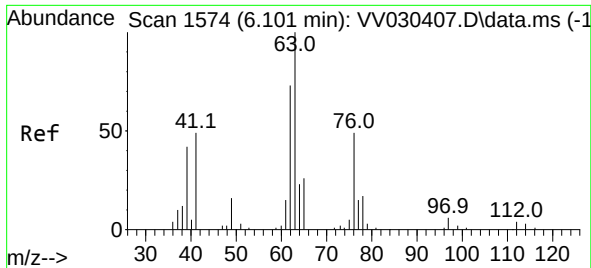
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#35
Methylcyclohexane
Concen: 0.235 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. 0.003 min
Lab File: VV030409.D
Acq: 06 Apr 2023 11:36

Tgt Ion: 83 Resp: 4203
Ion Ratio Lower Upper
83 100
55 74.0 66.6 100.0
98 41.6 38.6 58.0





#37

1,2-Dichloropropane

Concen: 0.192 ug/L

RT: 6.111 min Scan# 11

Delta R.T. 0.010 min

Lab File: VV030409.D

Acq: 06 Apr 2023 11:36

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT2-2023-03

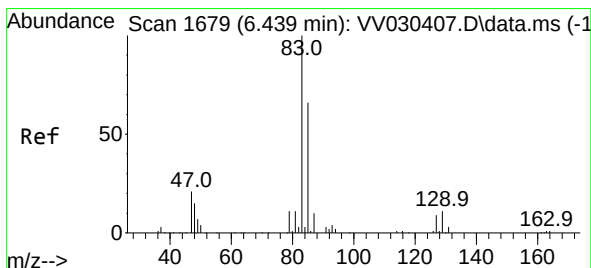
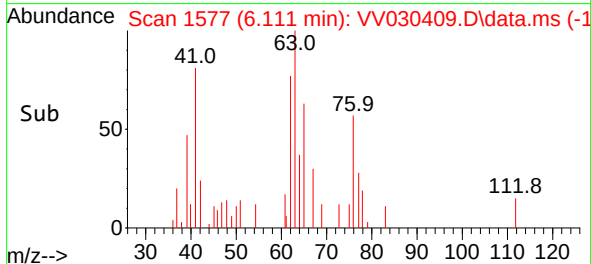
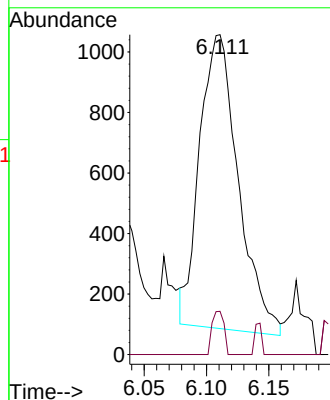
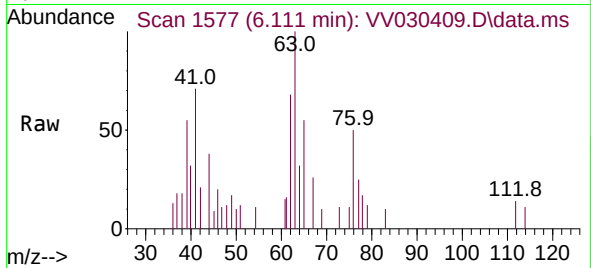
Tgt Ion: 63 Resp: 2090
 Ion Ratio Lower Upper
 63 100
 112 4.5 3.9 5.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#38

Bromodichloromethane

Concen: 0.231 ug/L

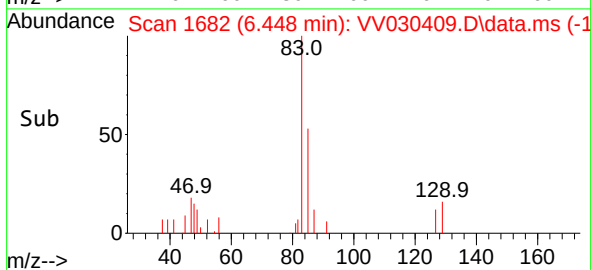
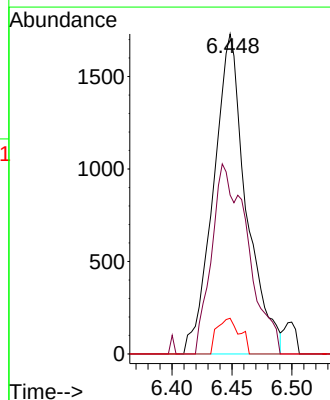
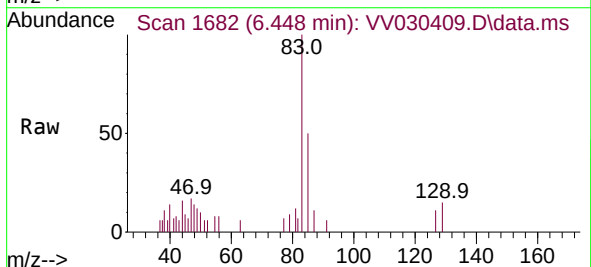
RT: 6.448 min Scan# 1682

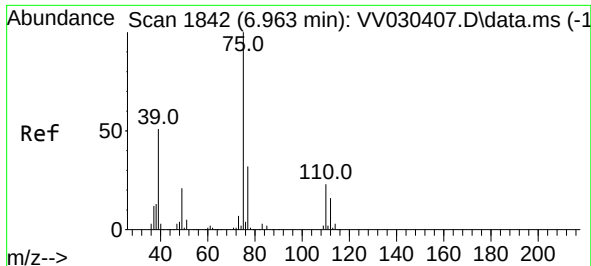
Delta R.T. 0.009 min

Lab File: VV030409.D

Acq: 06 Apr 2023 11:36

Tgt Ion: 83 Resp: 3285
 Ion Ratio Lower Upper
 83 100
 85 49.7 45.3 84.1
 127 11.2 7.0 10.4#





#39

cis-1,3-Dichloropropene

Concen: 0.213 ug/L

RT: 6.969 min Scan# 1842

Delta R.T. 0.010 min

Lab File: VV030409.D

Acq: 06 Apr 2023 11:36

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT2-2023-03

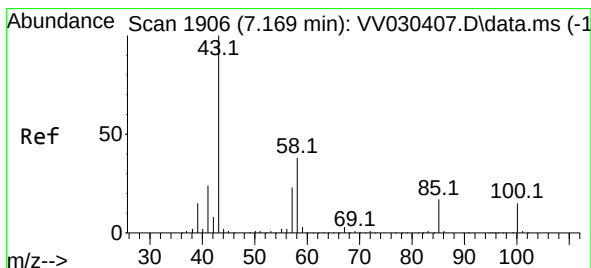
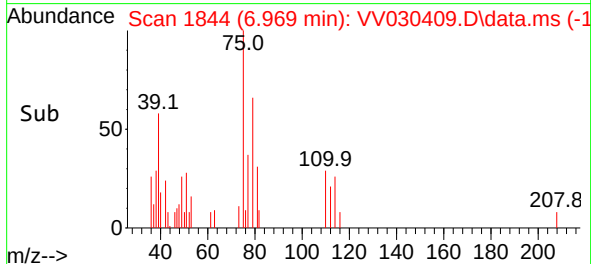
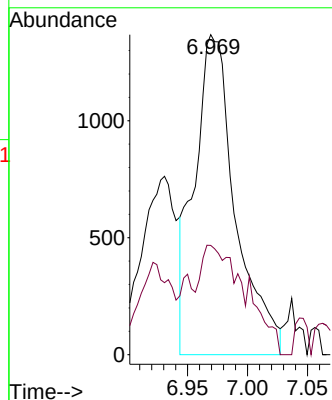
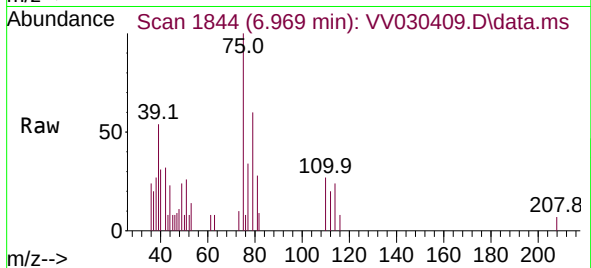
Tgt Ion: 75 Resp: 3258
 Ion Ratio Lower Upper
 75 100
 77 34.1 22.0 41.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#40

4-Methyl-2-pentanone

Concen: 1.610 ug/L

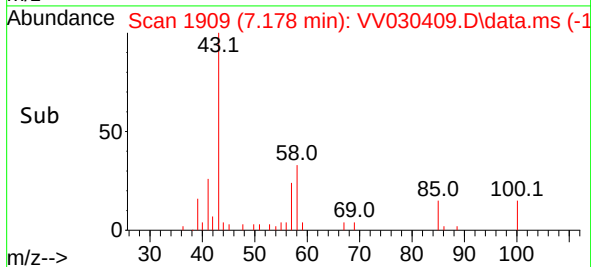
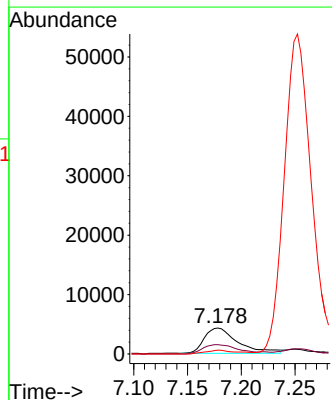
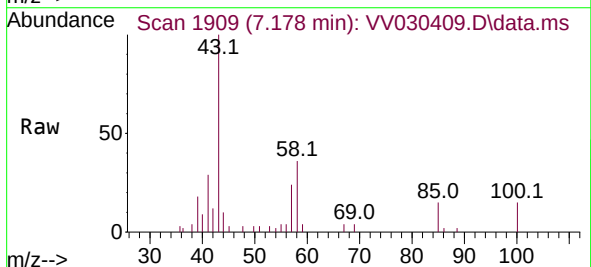
RT: 7.178 min Scan# 1909

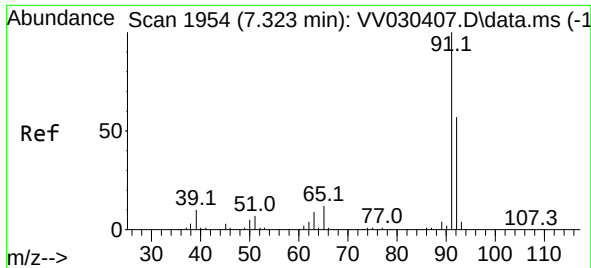
Delta R.T. 0.013 min

Lab File: VV030409.D

Acq: 06 Apr 2023 11:36

Tgt Ion: 43 Resp: 9217
 Ion Ratio Lower Upper
 43 100
 58 38.5 28.8 43.2
 100 0.0 10.7 16.1





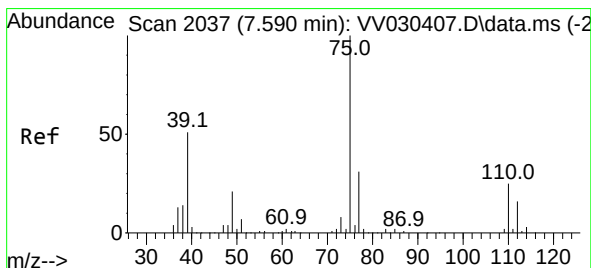
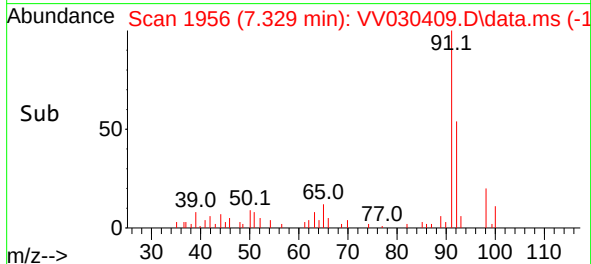
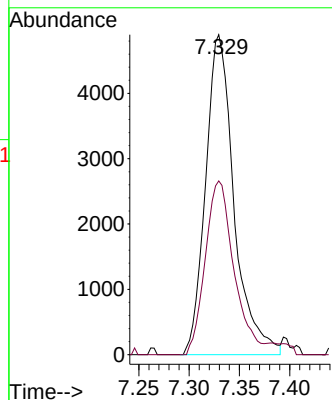
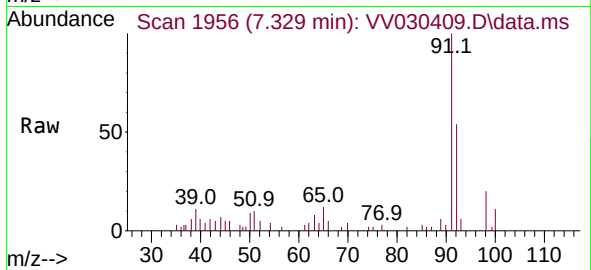
#42
Toluene
Concen: 0.214 ug/L
RT: 7.329 min Scan# 1954
Delta R.T. 0.006 min
Lab File: VV030409.D
Acq: 06 Apr 2023 11:36

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

Tgt Ion: 91 Resp: 963
Ion Ratio Lower Upper
91 100
92 54.3 40.4 75.0

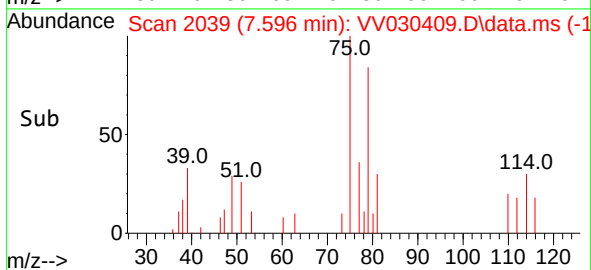
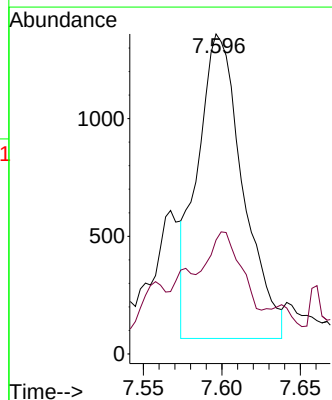
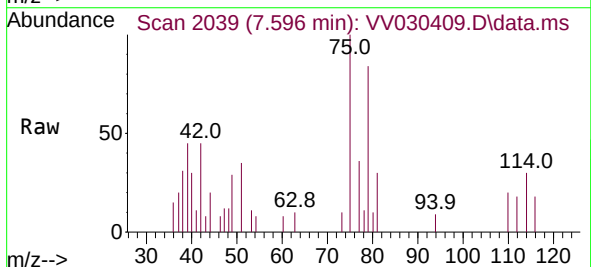
Manual Integrations
APPROVED

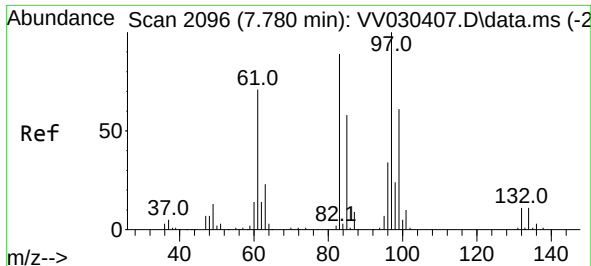
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#44
trans-1,3-Dichloropropene
Concen: 0.201 ug/L m
RT: 7.596 min Scan# 2039
Delta R.T. 0.006 min
Lab File: VV030409.D
Acq: 06 Apr 2023 11:36

Tgt Ion: 75 Resp: 2612
Ion Ratio Lower Upper
75 100
77 35.6 21.2 39.4





#45

1,1,2-Trichloroethane

Concen: 0.220 ug/L

RT: 7.786 min Scan# 2096

Delta R.T. 0.009 min

Lab File: VV030409.D

Acq: 06 Apr 2023 11:36

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT2-2023-03

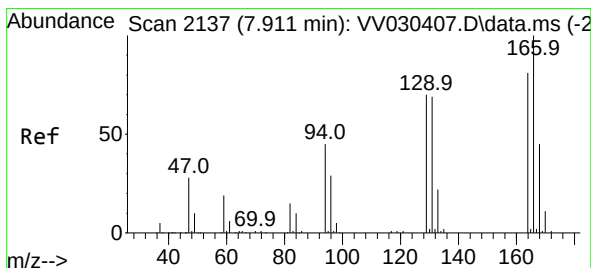
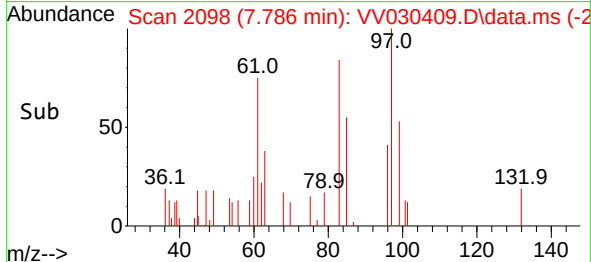
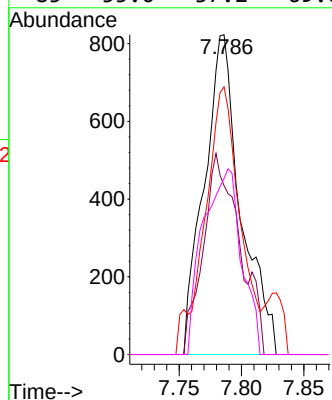
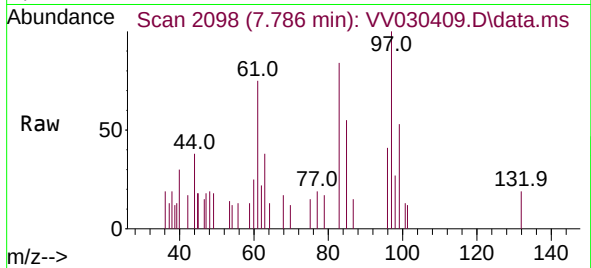
Tgt Ion:	97	Resp:	1680
Ion	Ratio	Lower	Upper
97	100		
99	52.9	44.0	81.8
83	83.7	58.8	109.2
85	55.0	37.2	69.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#47

Tetrachloroethene

Concen: 0.204 ug/L

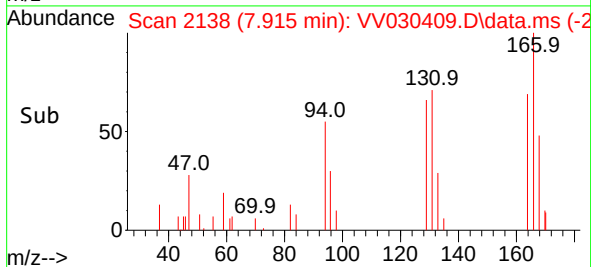
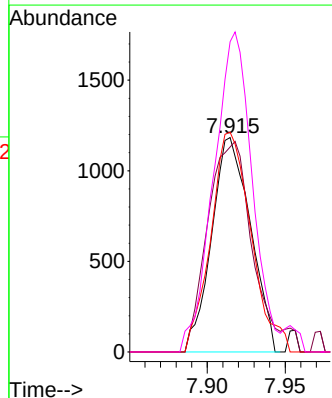
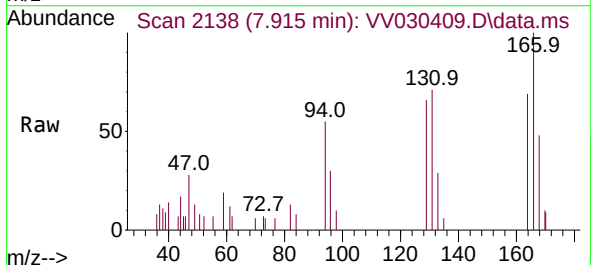
RT: 7.915 min Scan# 2138

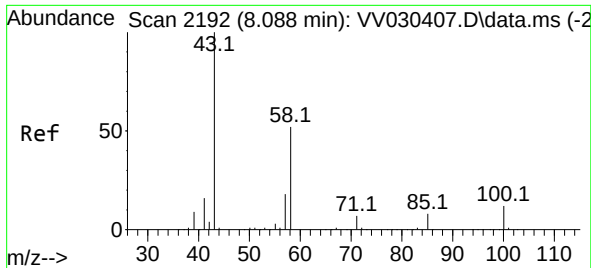
Delta R.T. 0.003 min

Lab File: VV030409.D

Acq: 06 Apr 2023 11:36

Tgt Ion:	164	Resp:	2055
Ion	Ratio	Lower	Upper
164	100		
129	95.6	60.8	112.8
131	102.5	61.7	114.7
166	144.7	85.6	159.0





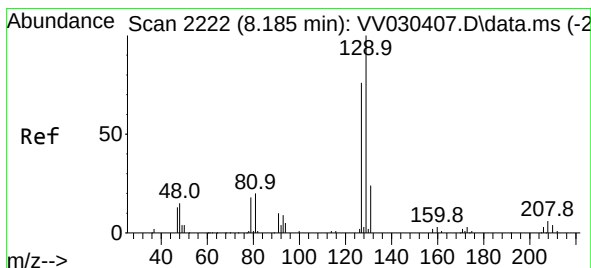
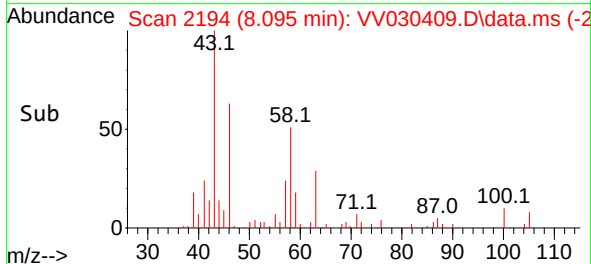
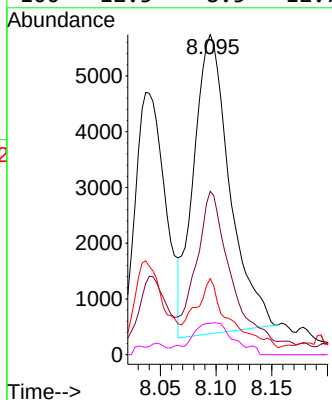
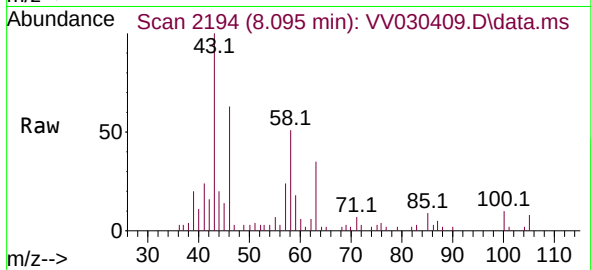
#48
2-Hexanone
Concen: 2.821 ug/L
RT: 8.095 min Scan# 2194
Delta R.T. 0.009 min
Lab File: VV030409.D
Acq: 06 Apr 2023 11:36

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

Tgt Ion: 43 Resp: 12100
Ion Ratio Lower Upper
43 100
58 48.8 40.3 60.5
57 24.3 14.6 22.0
100 12.5 8.5 12.7

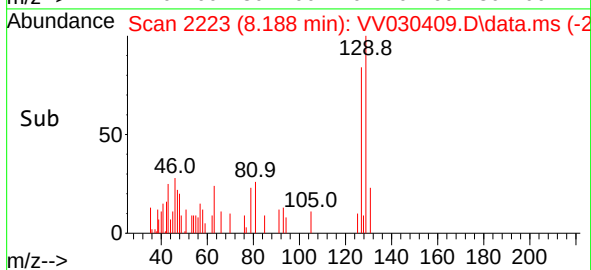
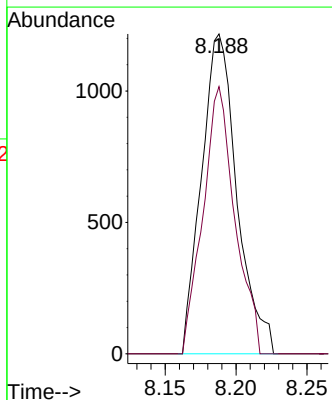
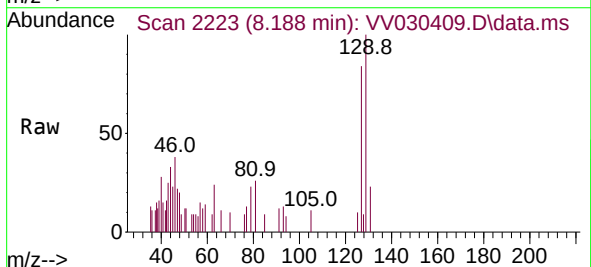
Manual Integrations
APPROVED

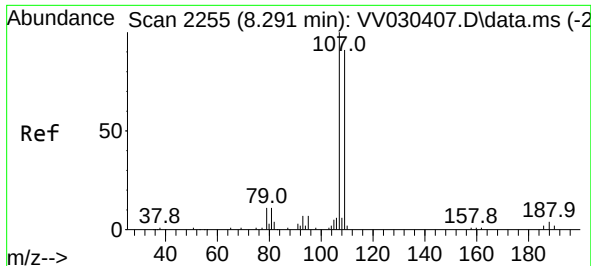
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#49
Dibromochloromethane
Concen: 0.233 ug/L
RT: 8.188 min Scan# 2223
Delta R.T. 0.003 min
Lab File: VV030409.D
Acq: 06 Apr 2023 11:36

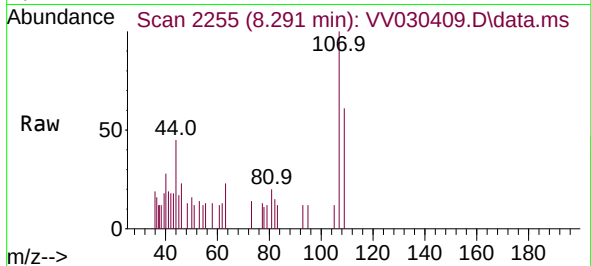
Tgt Ion:129 Resp: 2119
Ion Ratio Lower Upper
129 100
127 83.6 52.7 97.9





#50
1,2-Dibromoethane
Concen: 0.246 ug/L
RT: 8.291 min Scan# 2115
Delta R.T. -0.000 min
Lab File: VV030409.D
Acq: 06 Apr 2023 11:36

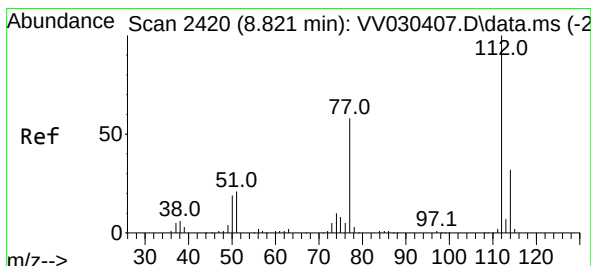
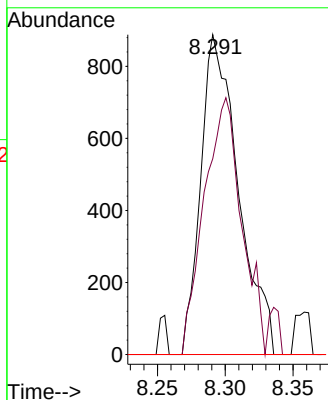
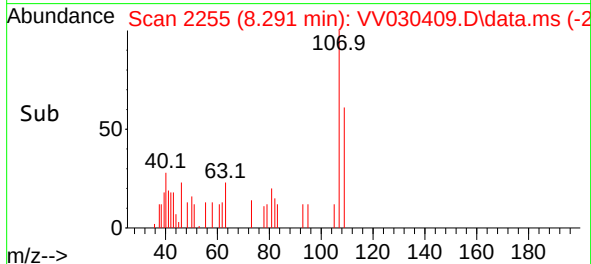
Instrument : MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2023-03



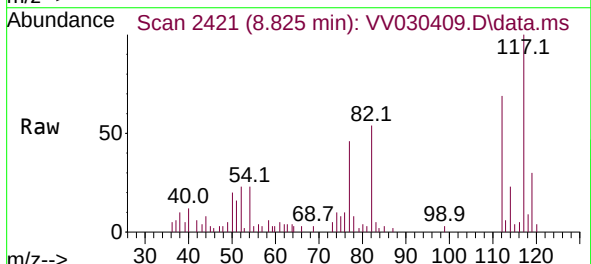
Tgt Ion:107 Resp: 1715
Ion Ratio Lower Upper
107 100
109 61.3 62.9 116.9
188 0.0 3.0 4.6

Manual Integrations
APPROVED

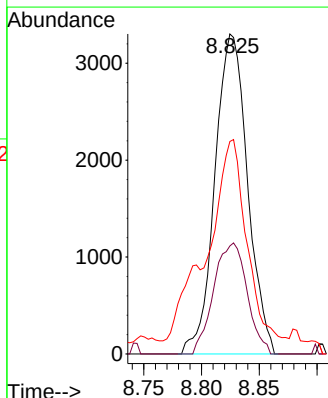
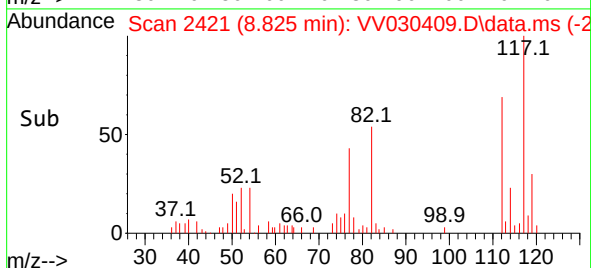
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023

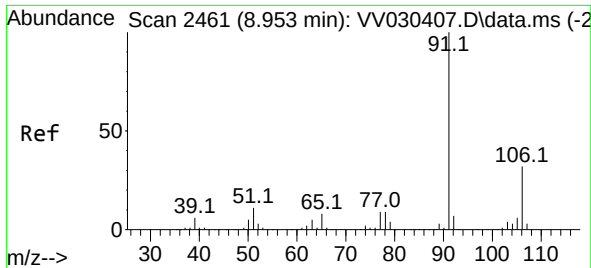


#51
Chlorobenzene
Concen: 0.225 ug/L
RT: 8.825 min Scan# 2421
Delta R.T. 0.003 min
Lab File: VV030409.D
Acq: 06 Apr 2023 11:36



Tgt Ion:112 Resp: 6485
Ion Ratio Lower Upper
112 100
114 33.7 22.4 41.6
77 66.4 45.9 68.9





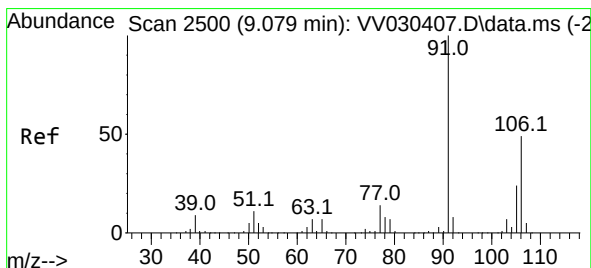
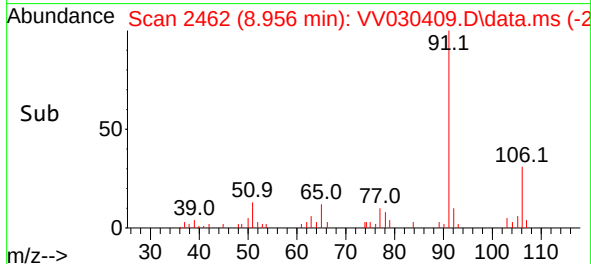
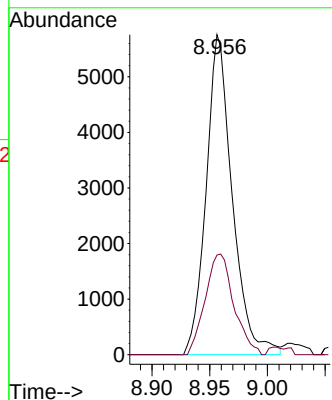
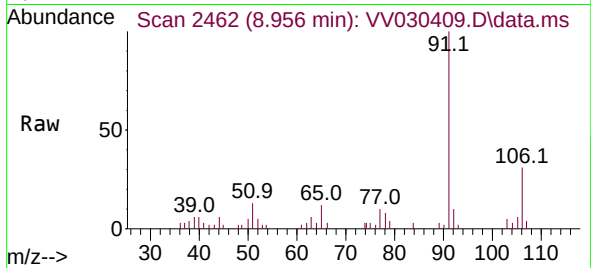
#52
Ethylbenzene
Concen: 0.183 ug/L
RT: 8.956 min Scan# 2461
Delta R.T. 0.003 min
Lab File: VV030409.D
Acq: 06 Apr 2023 11:36

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

Tgt Ion: 91 Resp: 9040
Ion Ratio Lower Upper
91 100
106 31.2 22.2 41.2

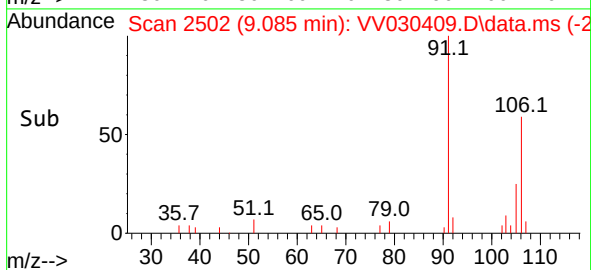
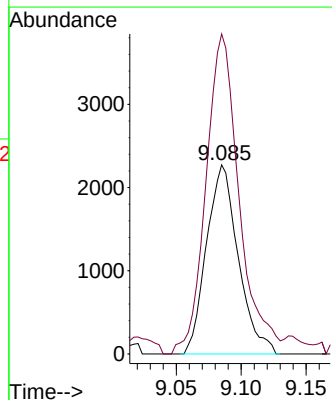
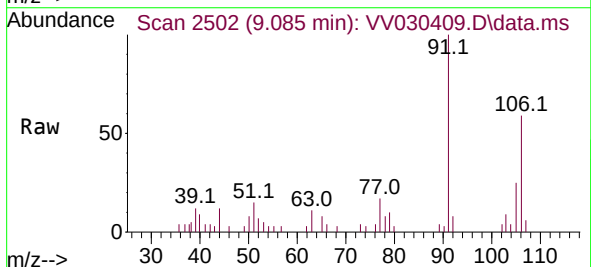
Manual Integrations
APPROVED

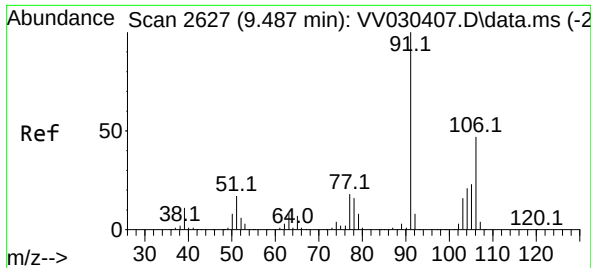
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#53
m,p-Xylene
Concen: 0.205 ug/L
RT: 9.085 min Scan# 2502
Delta R.T. 0.006 min
Lab File: VV030409.D
Acq: 06 Apr 2023 11:36

Tgt Ion:106 Resp: 3862
Ion Ratio Lower Upper
106 100
91 169.2 142.4 264.4





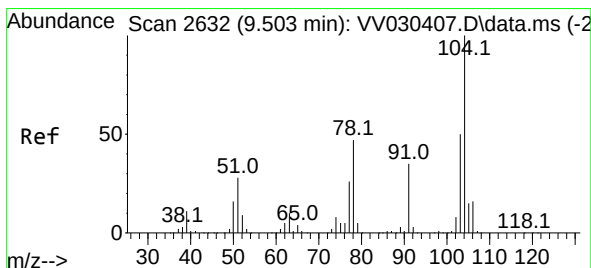
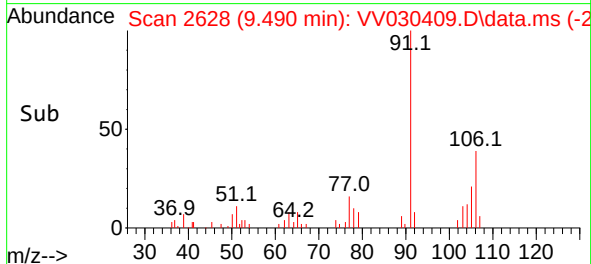
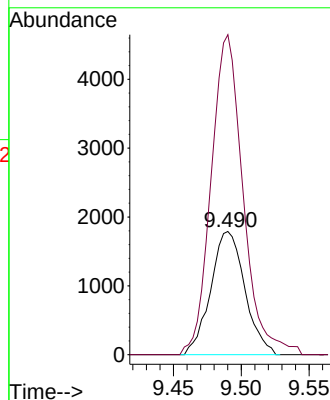
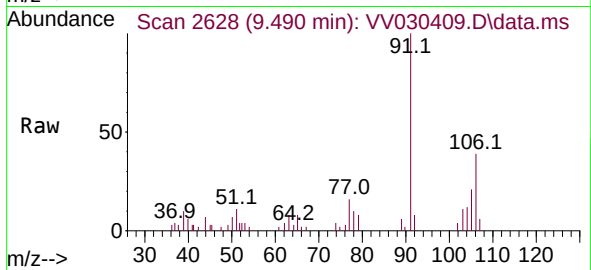
#54
o-Xylene
Concen: 0.174 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. 0.003 min
Lab File: VV030409.D
Acq: 06 Apr 2023 11:36

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

Tgt Ion:106 Resp: 3140
Ion Ratio Lower Upper
106 100
91 259.7 149.8 278.2

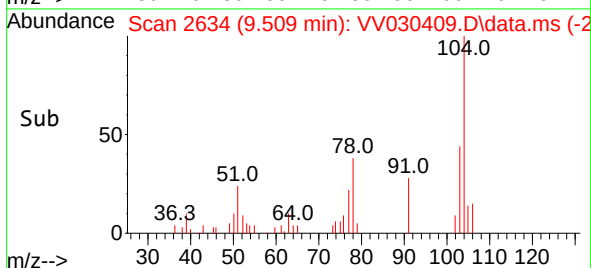
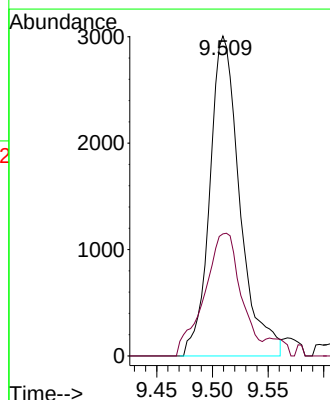
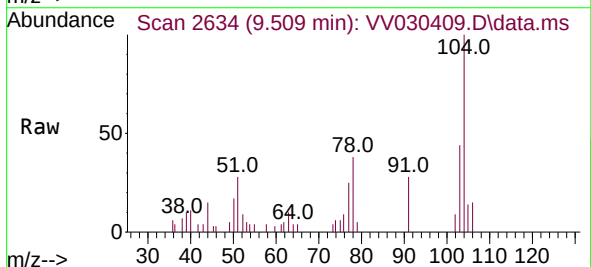
Manual Integrations
APPROVED

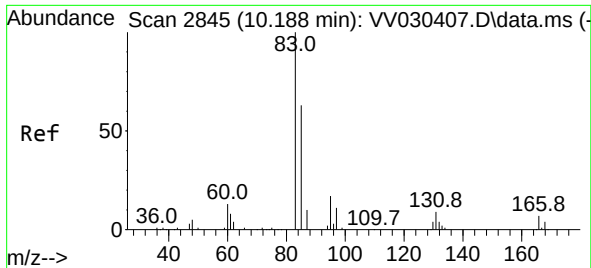
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#55
Styrene
Concen: 0.184 ug/L
RT: 9.509 min Scan# 2634
Delta R.T. 0.006 min
Lab File: VV030409.D
Acq: 06 Apr 2023 11:36

Tgt Ion:104 Resp: 5652
Ion Ratio Lower Upper
104 100
78 38.2 31.9 59.2





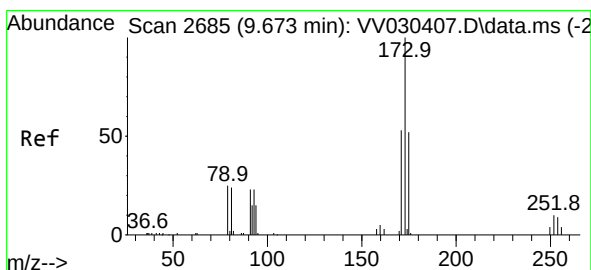
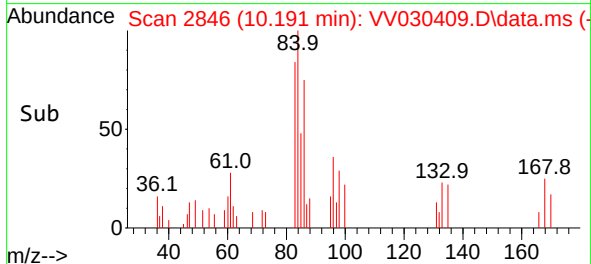
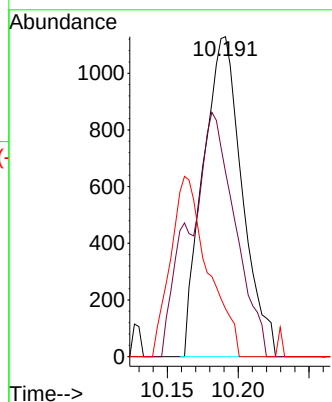
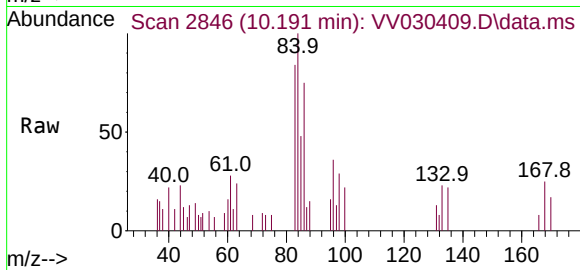
#57
1,1,2,2-Tetrachloroethane
Concen: 0.238 ug/L
RT: 10.191 min Scan# 2845
Delta R.T. 0.006 min
Lab File: VV030409.D
Acq: 06 Apr 2023 11:36

Instrument : MSVOA_V
Client Sample Id :
MDL-WATER-QT2-2023-03

Tgt Ion: 83 Resp: 2164
Ion Ratio Lower Upper
83 100
85 57.8 45.3 84.1
131 15.0 8.2 12.4

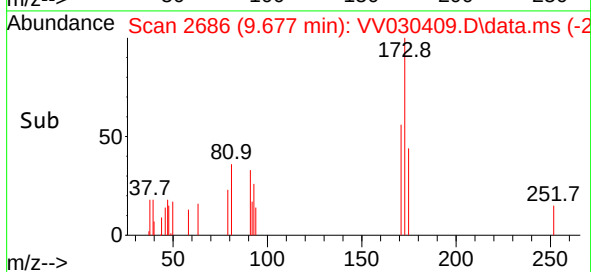
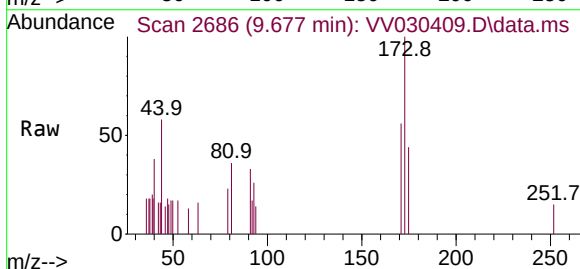
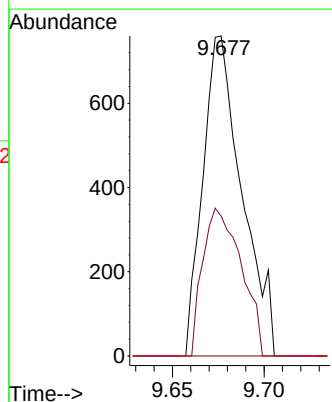
Manual Integrations
APPROVED

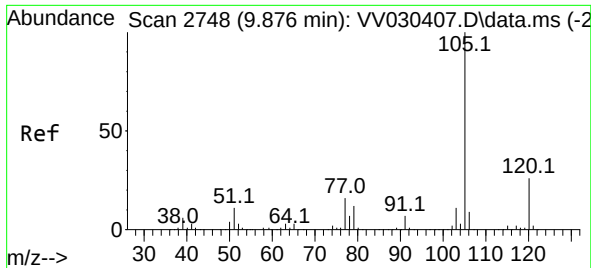
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#59
Bromoform
Concen: 0.235 ug/L
RT: 9.677 min Scan# 2686
Delta R.T. 0.003 min
Lab File: VV030409.D
Acq: 06 Apr 2023 11:36

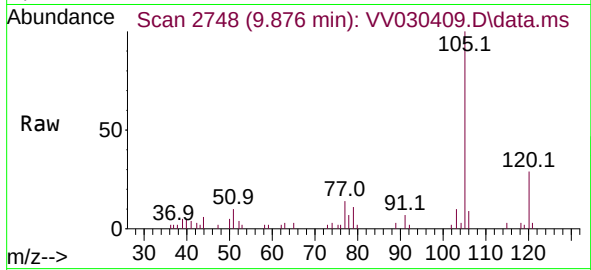
Tgt Ion:173 Resp: 1125
Ion Ratio Lower Upper
173 100
175 45.6 39.0 58.4
254 0.0 8.2 12.4





#60
Isopropylbenzene
Concen: 0.215 ug/L
RT: 9.876 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VV030409.D
Acq: 06 Apr 2023 11:36

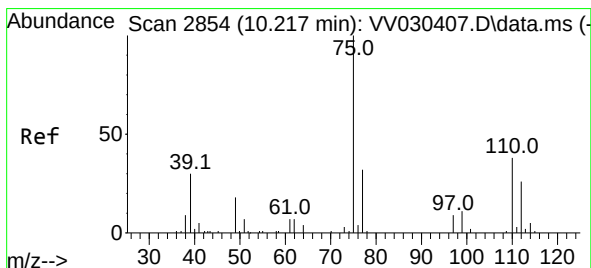
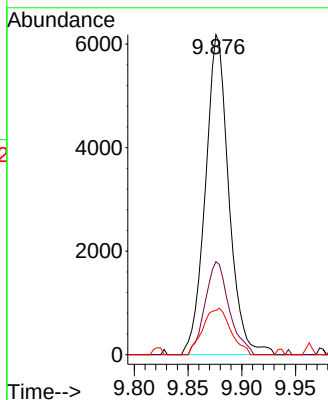
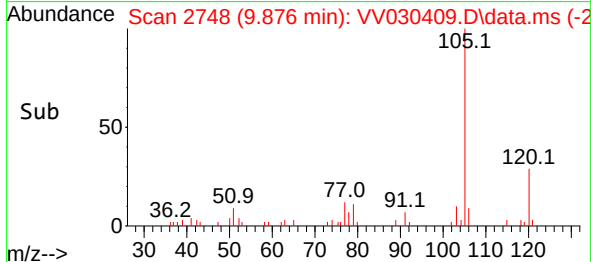
Instrument : MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2023-03



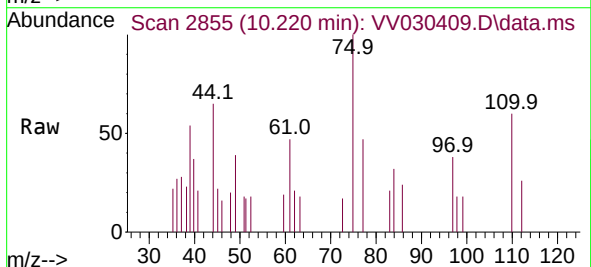
Tgt Ion:105 Resp: 9390
Ion Ratio Lower Upper
105 100
120 29.7 21.1 31.7
77 17.1 12.9 19.3

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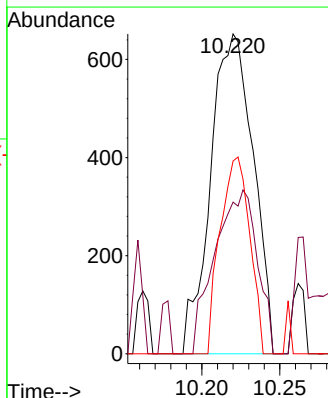
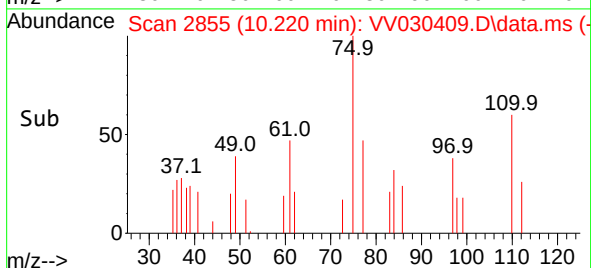
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023

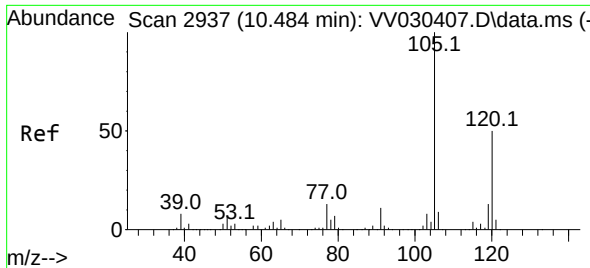


#61
1,2,3-Trichloropropane
Concen: 0.235 ug/L
RT: 10.220 min Scan# 2855
Delta R.T. 0.003 min
Lab File: VV030409.D
Acq: 06 Apr 2023 11:36



Tgt Ion: 75 Resp: 1245
Ion Ratio Lower Upper
75 100
77 50.8 26.0 39.0#
110 42.5 31.6 47.4





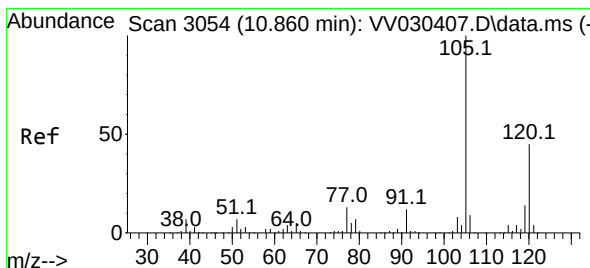
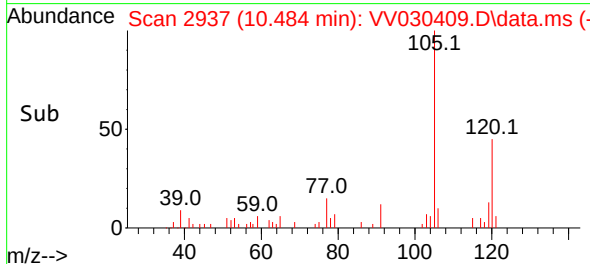
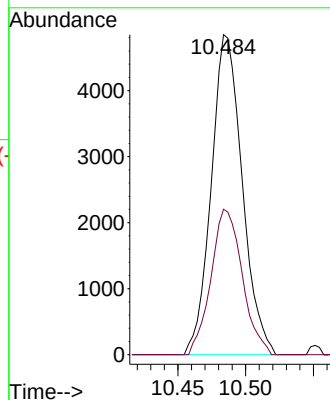
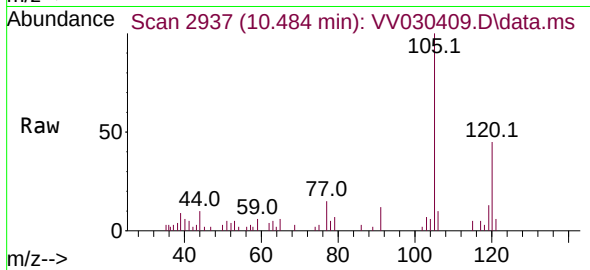
#62
1,3,5-Trimethylbenzene
Concen: 0.216 ug/L
RT: 10.484 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VV030409.D
Acq: 06 Apr 2023 11:36

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

Tgt Ion:105 Resp: 7700
Ion Ratio Lower Upper
105 100
120 45.9 38.9 58.3

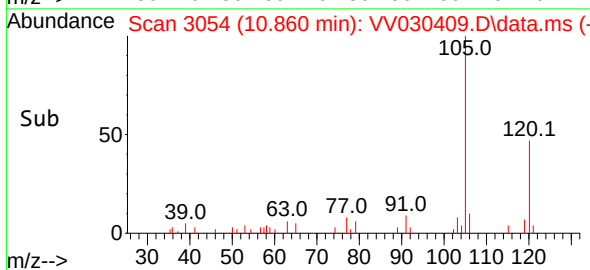
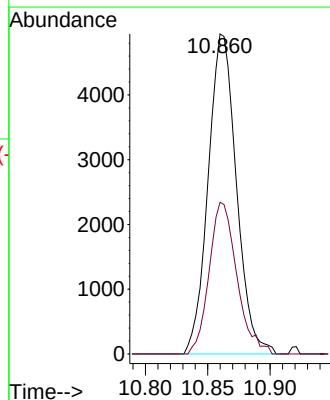
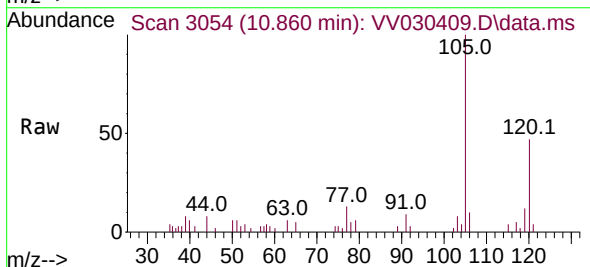
Manual Integrations
APPROVED

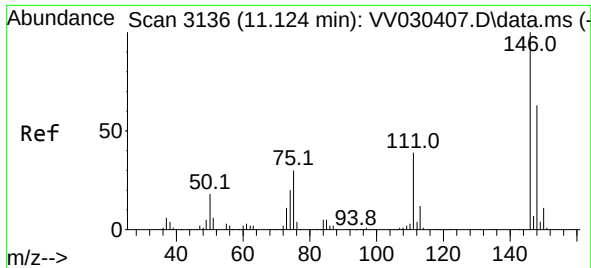
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#63
1,2,4-Trimethylbenzene
Concen: 0.215 ug/L
RT: 10.860 min Scan# 3054
Delta R.T. -0.000 min
Lab File: VV030409.D
Acq: 06 Apr 2023 11:36

Tgt Ion:105 Resp: 7796
Ion Ratio Lower Upper
105 100
120 46.5 36.8 55.2





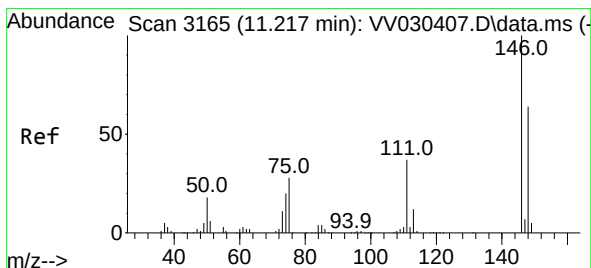
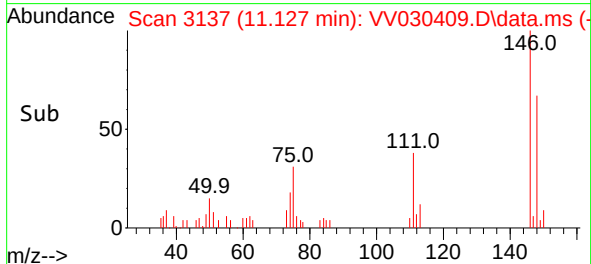
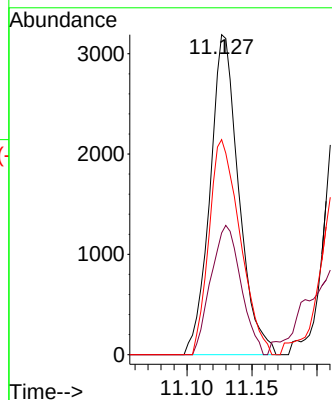
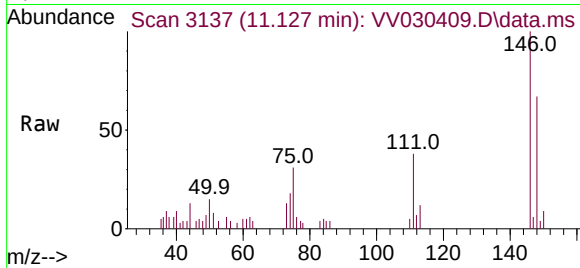
#64
1,3-Dichlorobenzene
Concen: 0.225 ug/L
RT: 11.127 min Scan# 3136
Delta R.T. 0.003 min
Lab File: VV030409.D
Acq: 06 Apr 2023 11:36

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

Tgt Ion:146 Resp: 4900
Ion Ratio Lower Upper
146 100
111 38.1 27.0 50.2
148 67.2 44.2 82.2

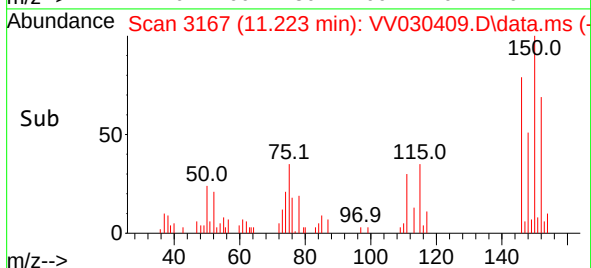
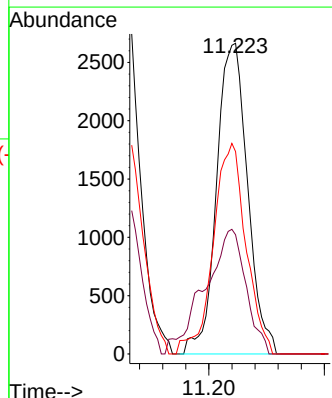
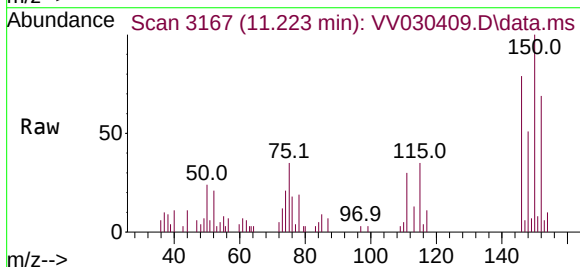
Manual Integrations
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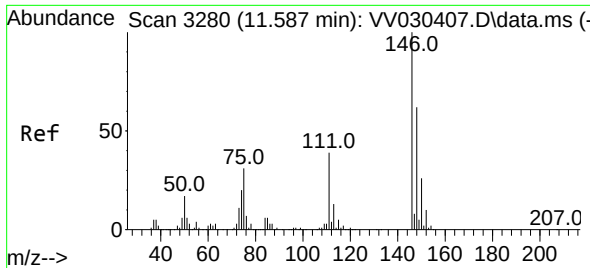
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#65
1,4-Dichlorobenzene
Concen: 0.226 ug/L
RT: 11.223 min Scan# 3167
Delta R.T. 0.006 min
Lab File: VV030409.D
Acq: 06 Apr 2023 11:36

Tgt Ion:146 Resp: 4972
Ion Ratio Lower Upper
146 100
111 38.4 26.0 48.4
148 65.2 45.2 84.0





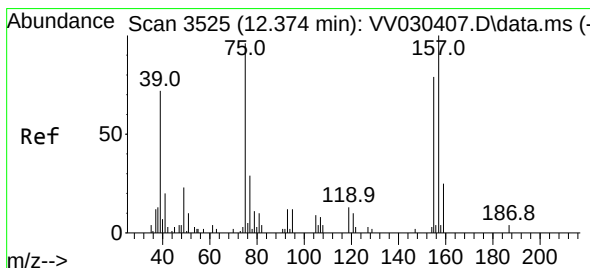
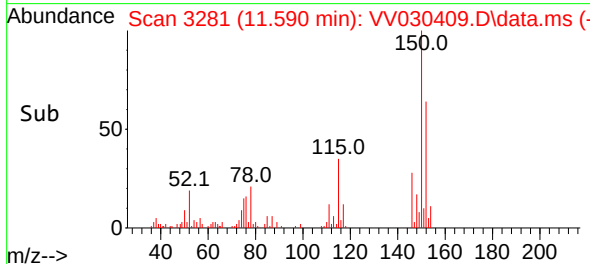
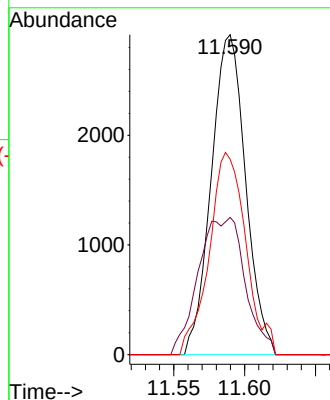
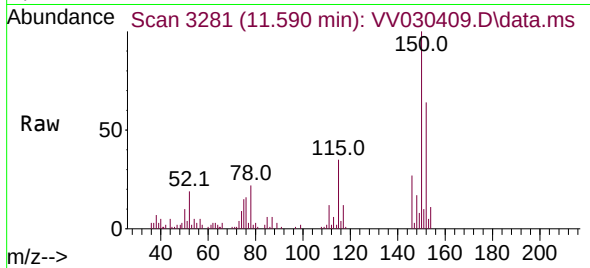
#67
1,2-Dichlorobenzene
Concen: 0.251 ug/L
RT: 11.590 min Scan# 311
Delta R.T. 0.003 min
Lab File: VV030409.D
Acq: 06 Apr 2023 11:36

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

Tgt Ion:146 Resp: 4924
Ion Ratio Lower Upper
146 100
111 42.9 33.1 49.7
148 61.1 52.2 78.2

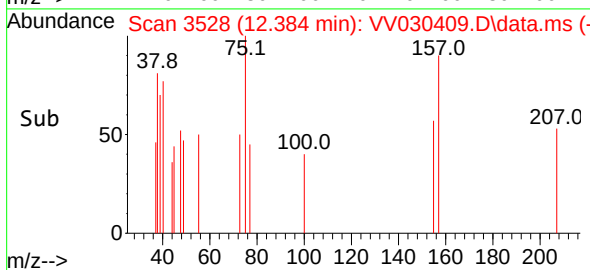
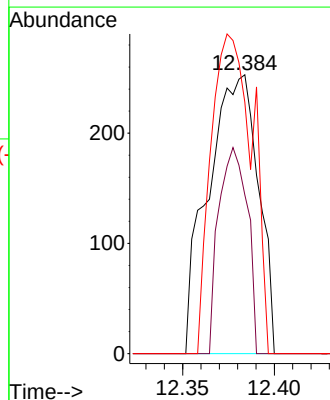
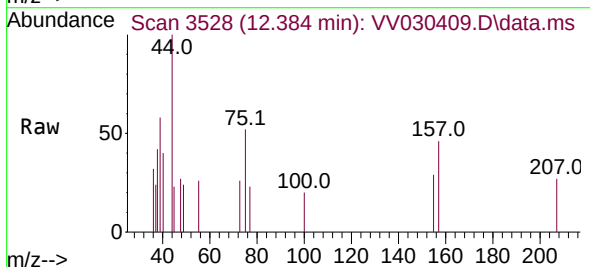
Manual Integrations
APPROVED

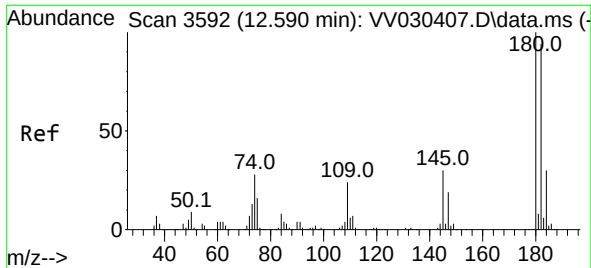
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#68
1,2-Dibromo-3-chloropropane
Concen: 0.366 ug/L
RT: 12.384 min Scan# 3528
Delta R.T. 0.013 min
Lab File: VV030409.D
Acq: 06 Apr 2023 11:36

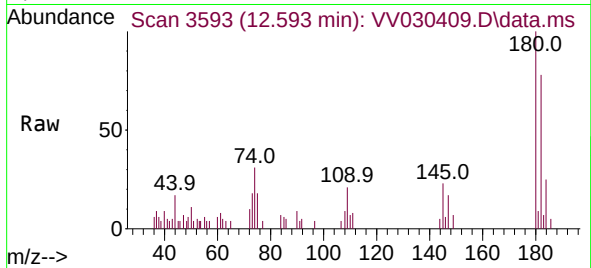
Tgt Ion: 75 Resp: 482
Ion Ratio Lower Upper
75 100
155 56.9 64.6 96.8#
157 90.1 83.8 125.6





#69
1,3,5-Trichlorobenzene
Concen: 0.253 ug/L
RT: 12.593 min Scan# 3592
Delta R.T. 0.003 min
Lab File: VV030409.D
Acq: 06 Apr 2023 11:36

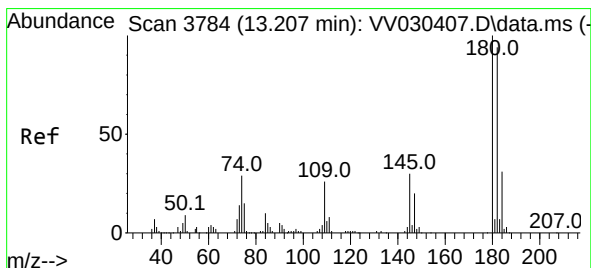
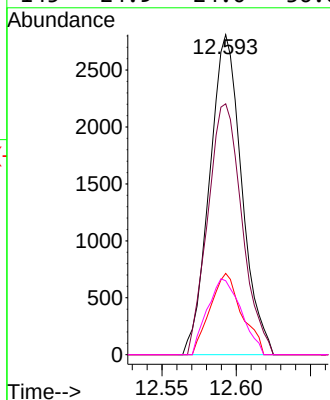
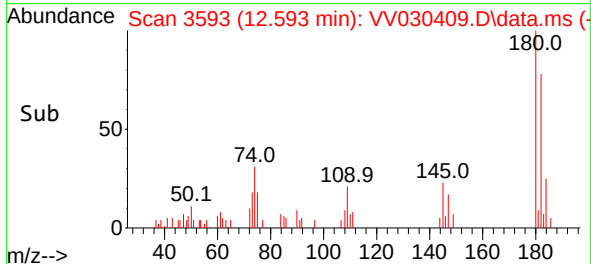
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2023-03



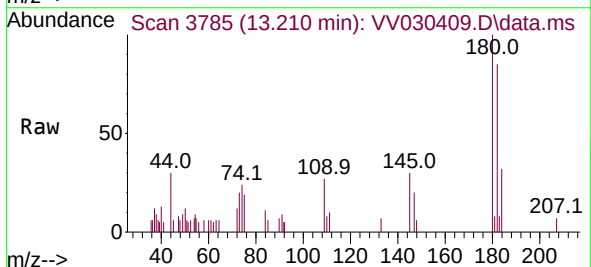
Tgt Ion:180 Resp: 4240
Ion Ratio Lower Upper
180 100
182 82.8 76.5 114.7
184 25.0 24.0 36.0
145 24.9 24.0 36.0

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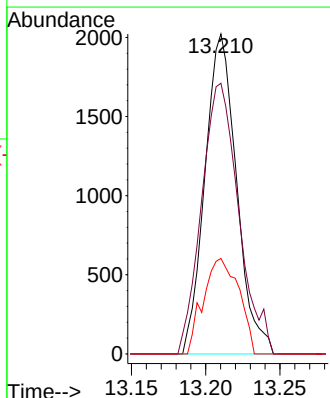
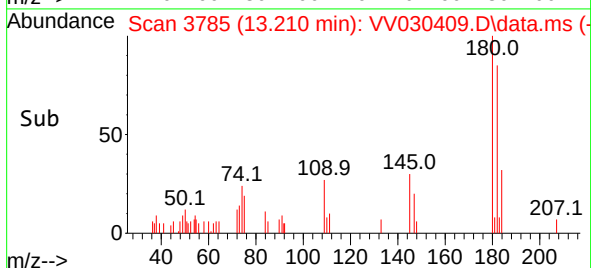
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023

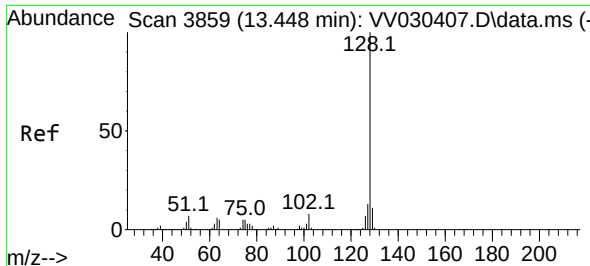


#70
1,2,4-trichlorobenzene
Concen: 0.231 ug/L
RT: 13.210 min Scan# 3785
Delta R.T. 0.003 min
Lab File: VV030409.D
Acq: 06 Apr 2023 11:36



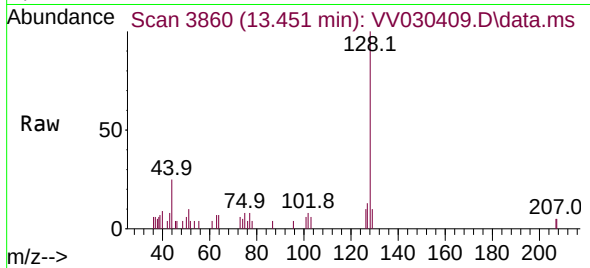
Tgt Ion:180 Resp: 2998
Ion Ratio Lower Upper
180 100
182 98.9 75.3 112.9
145 33.4 23.8 35.6





#71
Naphthalene
Concen: 0.232 ug/L
RT: 13.451 min Scan# 3860
Delta R.T. 0.003 min
Lab File: VV030409.D
Acq: 06 Apr 2023 11:36

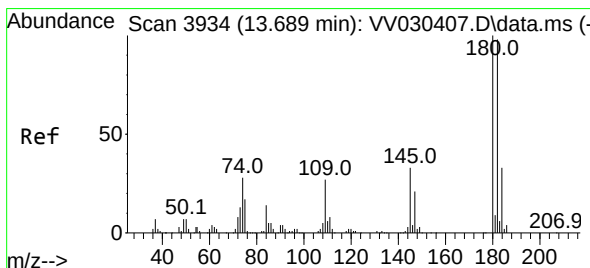
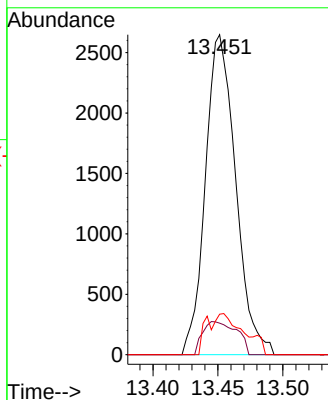
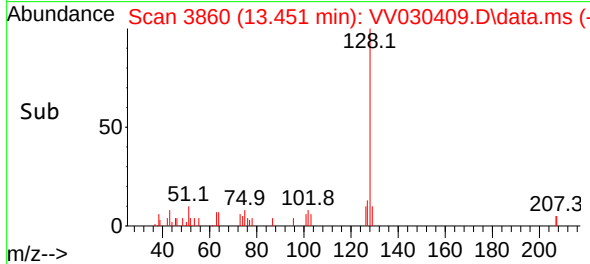
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2023-03



Tgt Ion:128 Resp: 429
Ion Ratio Lower Upper
128 100
129 0.0 8.9 13.3
127 12.2 10.8 16.2

Manual Integrations
APPROVED

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



#72
1,2,3-Trichlorobenzene
Concen: 0.221 ug/L
RT: 13.689 min Scan# 3934
Delta R.T. -0.000 min
Lab File: VV030409.D
Acq: 06 Apr 2023 11:36

Tgt Ion:180 Resp: 2485
Ion Ratio Lower Upper
180 100
182 96.9 76.6 115.0
145 33.0 25.0 37.4

