

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101922\
 Data File : VU051458.D
 Acq On : 19 Oct 2022 15:16
 Operator : JC/MD
 Sample : N3980-09 0.8PPB
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT3-2022

Quant Time: Oct 20 07:42:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101722DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Oct 20 07:37:57 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 10/20/2022
 Supervised By :Mahesh Dadoda 10/25/2022

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

Internal Standards						
1) Fluorobenzene	6.112	96	47343	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.632	95	14022	0.844	ug/l	0.00
Spiked Amount 1.000			Recovery	=	84.000%	
68) 1,2-Dichlorobenzene-d4	12.192	152	16643	0.897	ug/l	0.00
Spiked Amount 1.000			Recovery	=	90.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	11761	0.711	ug/l	97
3) Chloromethane	1.533	50	19715	0.757	ug/l	98
4) Vinyl Chloride	1.604	62	16233	0.720	ug/l	98
5) Bromomethane	1.855	94	11486	0.913	ug/l	98
6) Chloroethane	1.932	64	10954	0.852	ug/l	95
7) Trichlorofluoromethane	2.137	101	18637	0.740	ug/l	96
8) 1,1,2-Trichloro-1,2,2-...	2.581	101	10600	0.763	ug/l	99
9) 1,1-Dichloroethene	2.581	96	11718	0.807	ug/l	96
10) Iodomethane	2.719	142	14190	0.754	ug/l	99
11) Allyl Chloride	2.922	41	17270	0.779	ug/l	97
12) Acrylonitrile	3.317	53	7187	1.681	ug/l	99
13) Acetone	2.629	43	11844	3.847	ug/l	100
14) Carbon Disulfide	2.790	76	38864	0.751	ug/l	95
15) Methylene Chloride	3.041	84	21784	1.024	ug/l	98
16) trans-1,2-Dichloroethene	3.350	96	12899	0.774	ug/l	92
17) 1,1-Dichloroethane	3.867	63	23147	0.773	ug/l	99
18) 2-Butanone	4.723	43	12044	3.224	ug/l	99
19) Cyclohexane	5.382	56	10793m	0.581	ug/l	
20) Methylcyclohexane	6.761	83	10045	0.545	ug/l	# 86
21) 2,2-Dichloropropane	4.658	77	15459	0.739	ug/l	# 83
22) cis-1,2-Dichloroethene	4.665	96	11627	0.738	ug/l	98
23) Diethyl Ether	2.379	59	9772	0.770	ug/l	97
24) tert-Butyl Alcohol	3.192	59	9224	6.933	ug/l	99
25) Methyl tert-Butyl Ether	3.369	73	30004	0.794	ug/l	94
26) Bromochloromethane	4.977	128	5856	0.762	ug/l	99
27) Chloroform	5.089	83	23849	0.786	ug/l	96
28) 1,1,1-Trichloroethane	5.314	97	18017	0.744	ug/l	97
29) 1,1-Dichloropropene	5.526	75	11633	0.627	ug/l	96
30) Carbon Tetrachloride	5.523	117	14927	0.731	ug/l	93
31) Isopropyl Ether	3.999	45	25180	0.711	ug/l	92
32) Ethyl-t-butyl ether	4.507	59	21660	0.670	ug/l	98
33) Tert-Amyl methyl ether	5.944	73	17762	0.625	ug/l	98
34) Propionitrile	4.790	54	3940	3.137	ug/l	# 94
35) Benzene	5.774	78	42856	0.689	ug/l	99
36) 1,2-Dichloroethane	5.797	62	13901	0.724	ug/l	99
37) Trichloroethene	6.539	130	10381	0.711	ug/l	87
38) 1,2-Dichloropropane	6.790	63	11751	0.688	ug/l	98
39) Methacrylonitrile	4.993	41	2885m	0.672	ug/l	
40) Methyl acrylate	4.864	55	4266m	0.623	ug/l	
41) Tetrahydrofuran	5.067	42	2703	1.199	ug/l	90
42) 1-Chlorobutane	5.459	56	15890	0.628	ug/l	96
43) Dibromomethane	6.919	93	6737	0.760	ug/l	94
44) Bromodichloromethane	7.105	83	16087	0.750	ug/l	96

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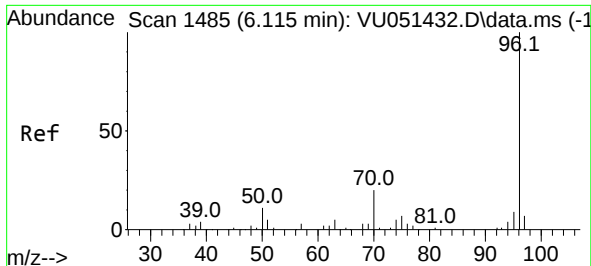
Quant Time: Oct 20 07:42:59 2022
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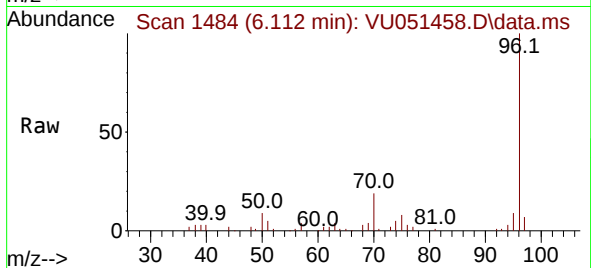
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.793	43	23547	2.792	ug/l	94
46) t-1,4-Dichloro-2-butene	10.825	75	8047m	1.709	ug/l	
47) Methyl methacrylate	6.967	69	7718	1.139	ug/l	98
48) Ethyl methacrylate	8.337	69	6362	0.561	ug/l	95
49) Toluene	7.970	92	19221	0.563	ug/l	92
50) t-1,3-Dichloropropene	8.211	75	10995	0.638	ug/l	92
51) cis-1,3-Dichloropropene	7.607	75	12488	0.614	ug/l	97
52) 1,1,2-Trichloroethane	8.401	97	9166	0.724	ug/l	97
53) 1,3-Dichloropropane	8.575	76	13407	0.658	ug/l	93
54) 2-Hexanone	8.690	43	16045	2.766	ug/l	89
55) Dibromochloromethane	8.809	129	10212	0.742	ug/l	98
56) 1,2-Dibromoethane	8.922	107	7994	0.719	ug/l	95
58) Tetrachloroethene	8.552	164	8839	0.694	ug/l	93
59) Chlorobenzene	9.446	112	23417	0.625	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.533	131	10725	0.747	ug/l	96
61) Pentachloroethane	11.423	117	8999	0.703	ug/l	99
62) Hexachloroethane	12.475	117	8673	0.714	ug/l	97
63) Ethyl Benzene	9.571	91	30438	0.536	ug/l	98
64) m/p-Xylenes	9.693	106	22781	1.006	ug/l	96
65) o-Xylene	10.102	106	11353	0.515	ug/l	96
66) Styrene	10.115	104	17332	0.474	ug/l	97
67) Bromoform	10.288	173	5427	0.703	ug/l	99
69) Isopropylbenzene	10.481	105	28277	0.521	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.780	83	12382	0.724	ug/l	96
71) 1,2,3-Trichloropropane	10.825	75	9600m	0.755	ug/l	
72) Bromobenzene	10.783	156	9050	0.607	ug/l	98
73) n-propylbenzene	10.902	120	7332	0.481	ug/l	92
74) 2-Chlorotoluene	10.986	126	7656	0.528	ug/l	89
75) 1,3,5-Trimethylbenzene	11.086	105	22952	0.467	ug/l	96
76) 4-Chlorotoluene	11.099	126	7711	0.520	ug/l	88
77) tert-Butylbenzene	11.417	119	26561	0.553	ug/l	93
78) 1,2,4-Trimethylbenzene	11.468	105	24181	0.473	ug/l	99
79) sec-Butylbenzene	11.642	105	30051	0.473	ug/l	98
80) Nitrobenzene	13.211	77	2394m	2.826	ug/l	
81) p-Isopropyltoluene	11.793	119	23438	0.461	ug/l	96
82) 1,3-Dichlorobenzene	11.745	146	19545	0.611	ug/l	99
83) 1,4-Dichlorobenzene	11.835	146	18904	0.603	ug/l	97
84) n-Butylbenzene	12.211	91	23961	0.475	ug/l	96
85) 1,2-Dichlorobenzene	12.211	146	18996	0.602	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.996	75	1911	0.714	ug/l #	89
87) 1,2,4-Trichlorobenzene	13.841	180	9773	0.572	ug/l	95
88) Hexachlorobutadiene	14.021	225	7649	0.687	ug/l	97
89) Naphthalene	14.089	128	14081	0.394	ug/l	99
90) 1,2,3-Trichlorobenzene	14.330	180	9162	0.490	ug/l	96

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.112 min Scan# 14
Delta R.T. -0.003 min
Lab File: VU051458.D
Acq: 19 Oct 2022 15:16

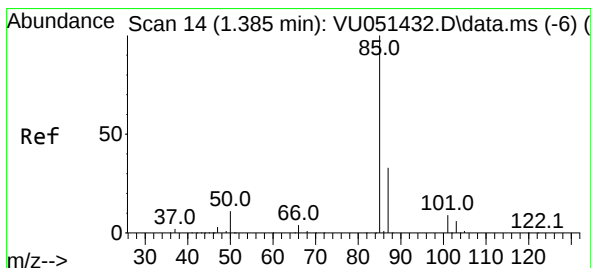
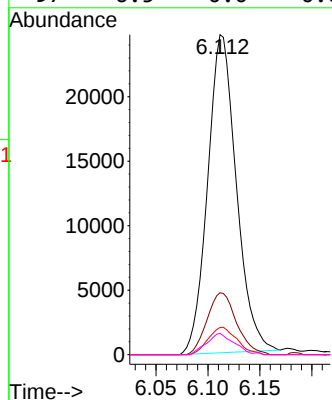
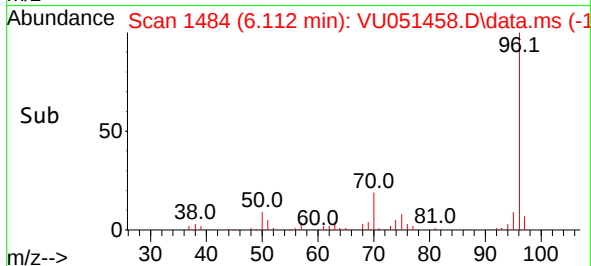
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022



Tgt Ion: 96 Resp: 4734
Ion Ratio Lower Upper
96 100
70 20.0 16.7 25.1
95 8.6 7.5 11.3
97 6.5 0.0 0.0#

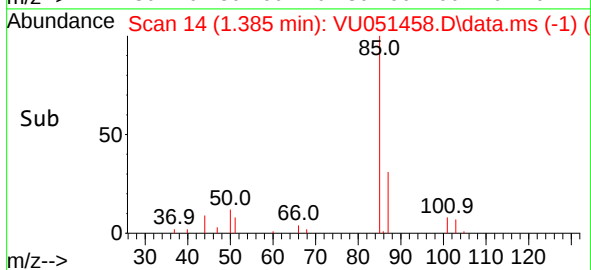
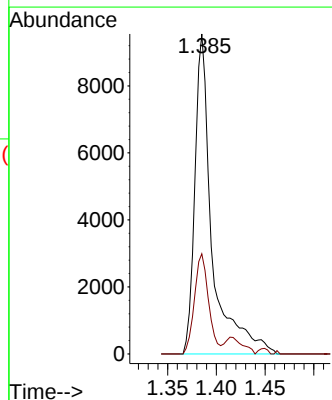
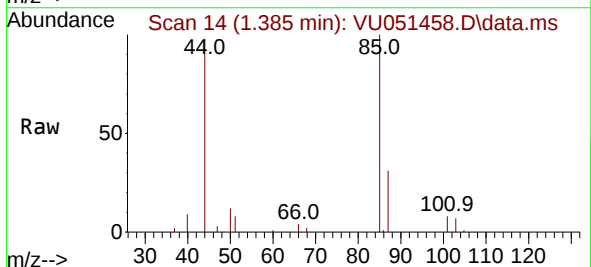
Manual Integrations
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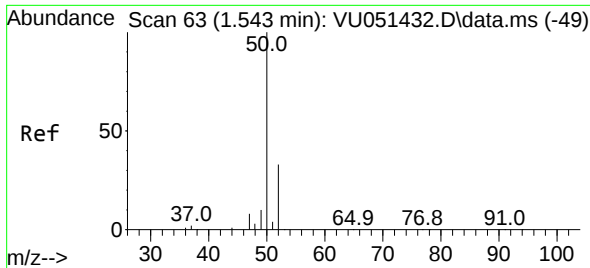
Reviewed By :Krupa Patel 10/20/2022
Supervised By :Mahesh Dadoda 10/25/2022



#2
Dichlorodifluoromethane
Concen: 0.711 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU051458.D
Acq: 19 Oct 2022 15:16

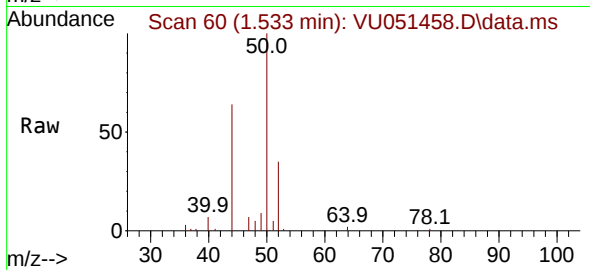
Tgt Ion: 85 Resp: 11761
Ion Ratio Lower Upper
85 100
87 31.3 16.4 49.4





#3
Chloromethane
Concen: 0.757 ug/l
RT: 1.533 min Scan# 60
Delta R.T. -0.010 min
Lab File: VU051458.D
Acq: 19 Oct 2022 15:16

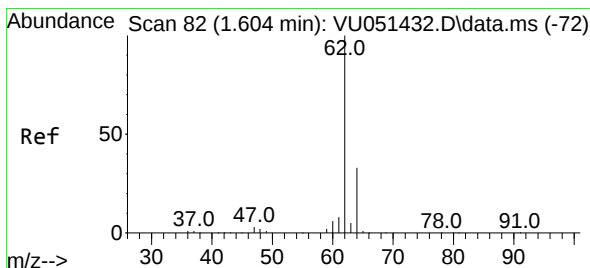
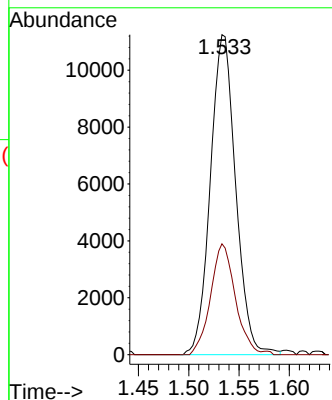
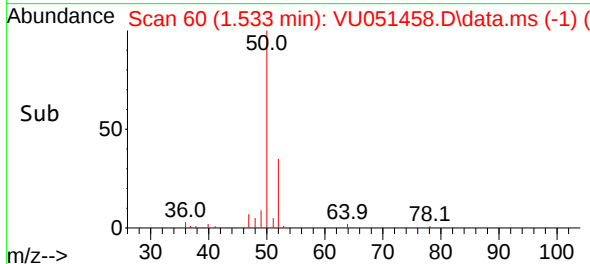
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022



Tgt Ion: 50 Resp: 1971
Ion Ratio Lower Upper
50 100
52 34.7 26.7 40.1

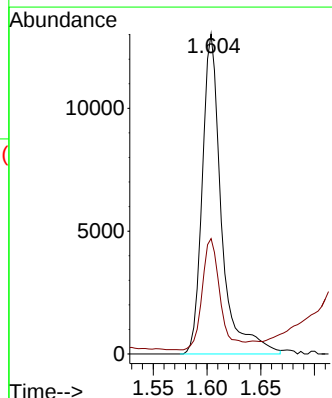
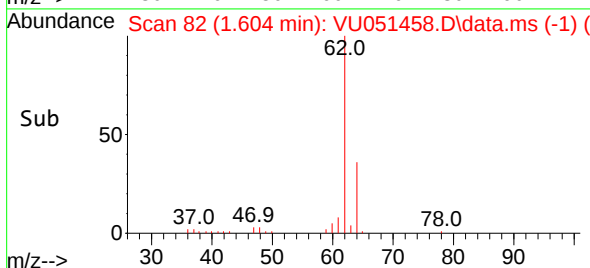
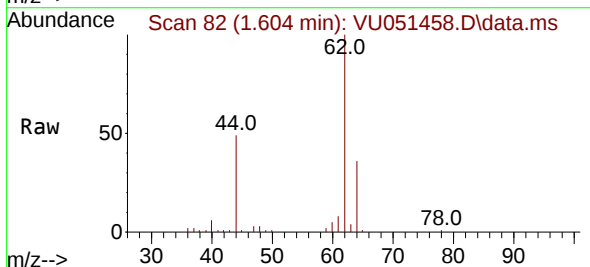
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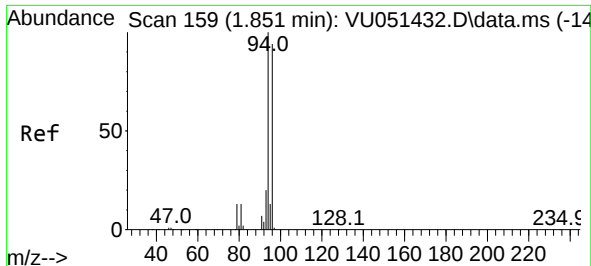
Reviewed By :Krupa Patel 10/20/2022
Supervised By :Mahesh Dadoda 10/25/2022



#4
Vinyl Chloride
Concen: 0.720 ug/l
RT: 1.604 min Scan# 82
Delta R.T. 0.000 min
Lab File: VU051458.D
Acq: 19 Oct 2022 15:16

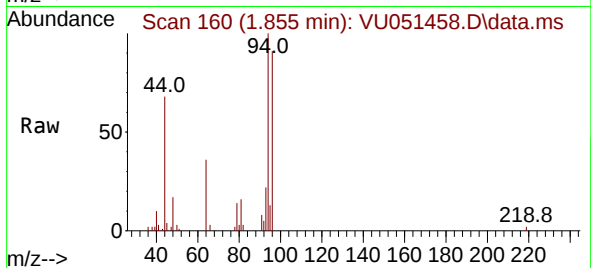
Tgt Ion: 62 Resp: 16233
Ion Ratio Lower Upper
62 100
64 34.8 26.7 40.1





#5
Bromomethane
Concen: 0.913 ug/l
RT: 1.855 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU051458.D
Acq: 19 Oct 2022 15:16

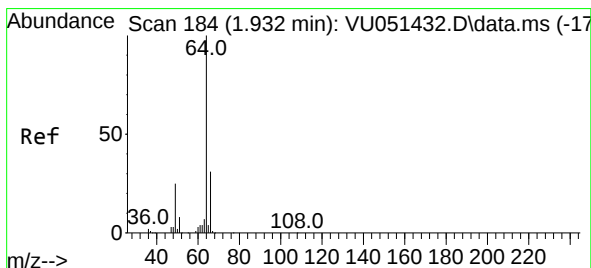
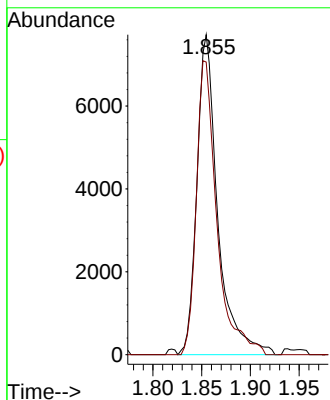
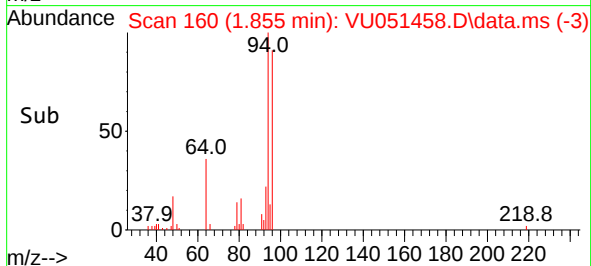
Instrument :
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ClientSampleId :
MDL-WATER-03-QT3-2022



Tgt Ion: 94 Resp: 1148
Ion Ratio Lower Upper
94 100
96 91.4 74.8 112.2

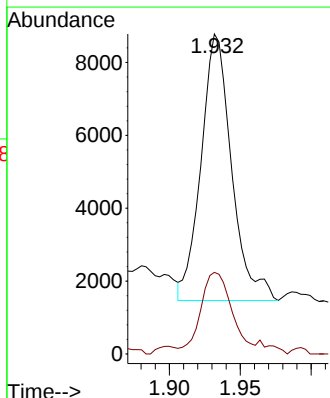
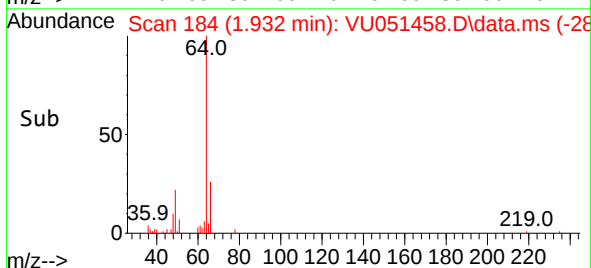
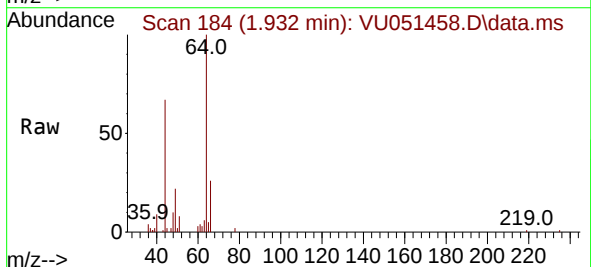
Manual Integrations
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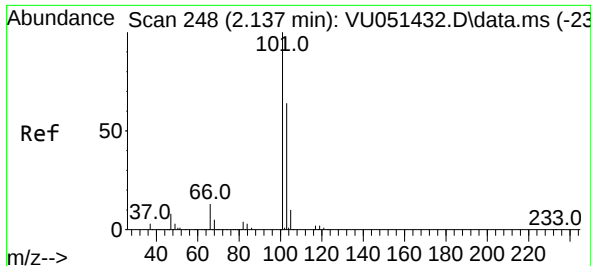
Reviewed By :Krupa Patel 10/20/2022
Supervised By :Mahesh Dadoda 10/25/2022



#6
Chloroethane
Concen: 0.852 ug/l
RT: 1.932 min Scan# 184
Delta R.T. -0.000 min
Lab File: VU051458.D
Acq: 19 Oct 2022 15:16

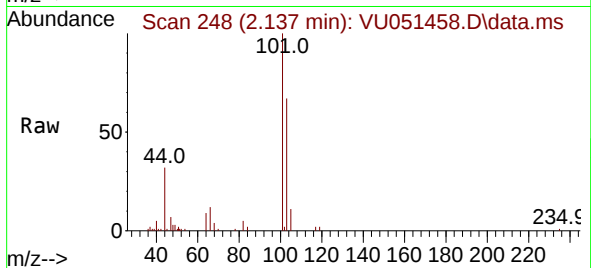
Tgt Ion: 64 Resp: 10954
Ion Ratio Lower Upper
64 100
66 28.5 25.2 37.8





#7
 Trichlorofluoromethane
 Concen: 0.740 ug/l
 RT: 2.137 min Scan# 248
 Delta R.T. 0.000 min
 Lab File: VU051458.D
 Acq: 19 Oct 2022 15:16

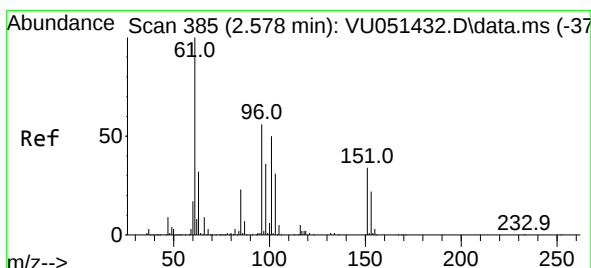
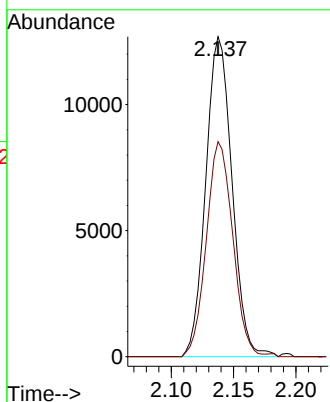
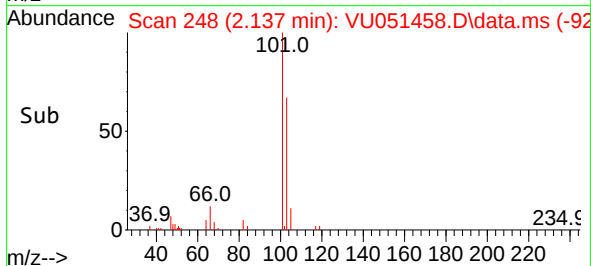
Instrument :
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 ClientSampleId :
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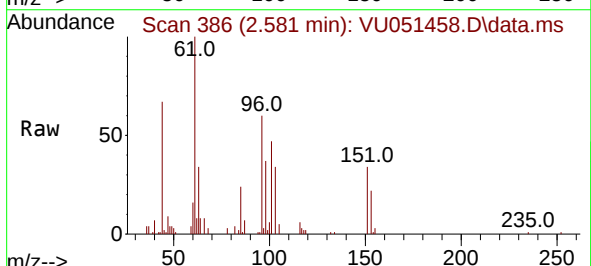
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 Ion Ratio Lower Upper
 101 100
 103 67.2 51.4 77.2

Manual Integrations
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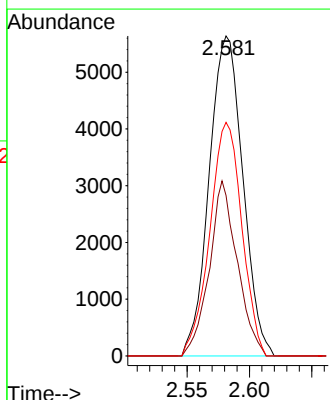
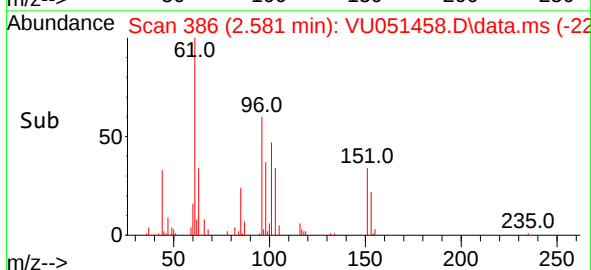
Reviewed By :Krupa Patel 10/20/2022
 Supervised By :Mahesh Dadoda 10/25/2022

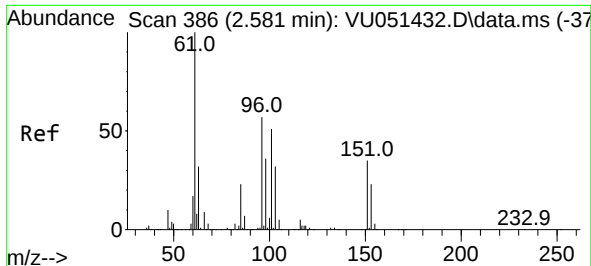


#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.763 ug/l
 RT: 2.581 min Scan# 386
 Delta R.T. 0.003 min
 Lab File: VU051458.D
 Acq: 19 Oct 2022 15:16



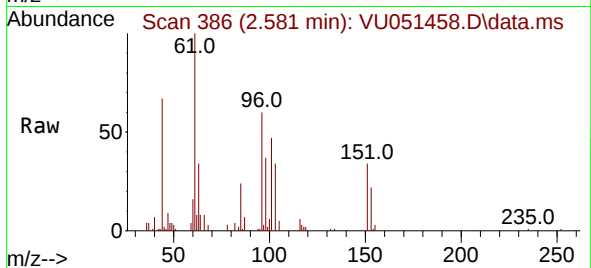
Tgt Ion:101 Resp: 10600
 Ion Ratio Lower Upper
 101 100
 85 45.5 36.6 54.8
 151 69.5 54.6 81.8





#9
1,1-Dichloroethene
Concen: 0.807 ug/l
RT: 2.581 min Scan# 386
Delta R.T. 0.000 min
Lab File: VU051458.D
Acq: 19 Oct 2022 15:16

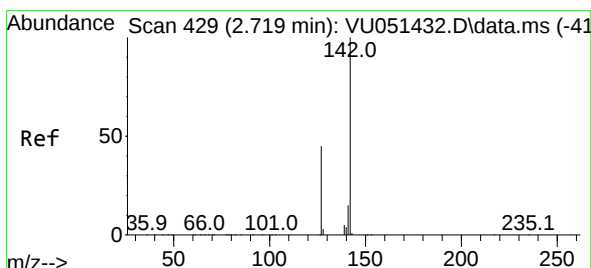
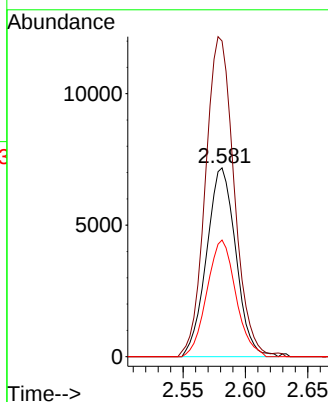
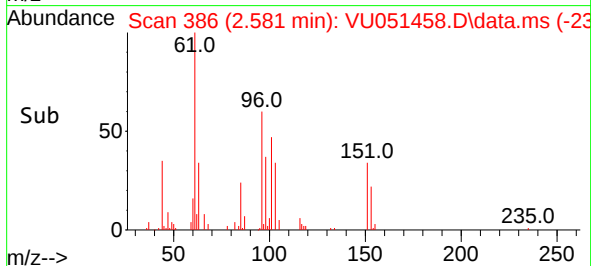
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022



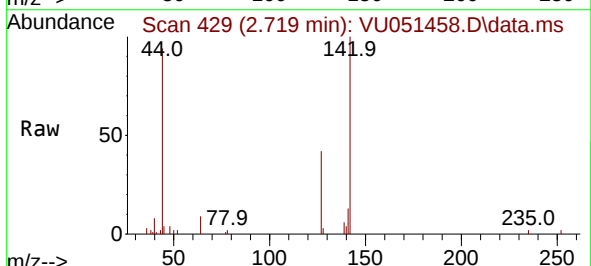
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Ion Ratio Lower Upper
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61 167.2 0.0 522.3
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Manual Integrations
APPROVED

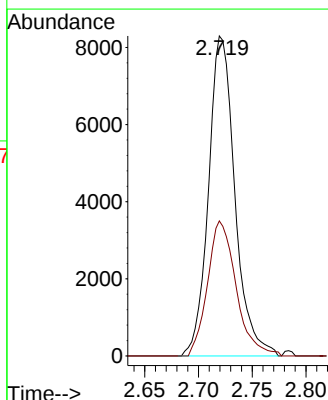
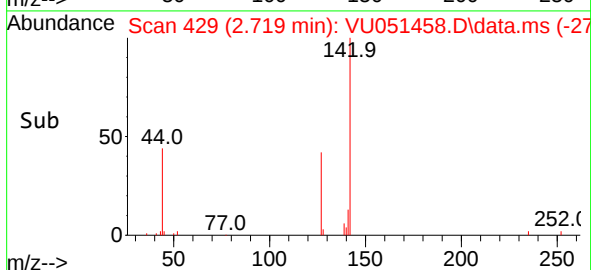
Reviewed By :Krupa Patel 10/20/2022
Supervised By :Mahesh Dadoda 10/25/2022

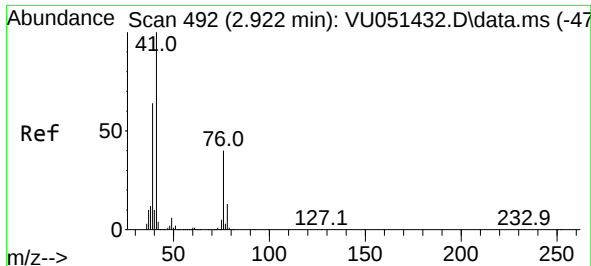


#10
Iodomethane
Concen: 0.754 ug/l
RT: 2.719 min Scan# 429
Delta R.T. 0.000 min
Lab File: VU051458.D
Acq: 19 Oct 2022 15:16



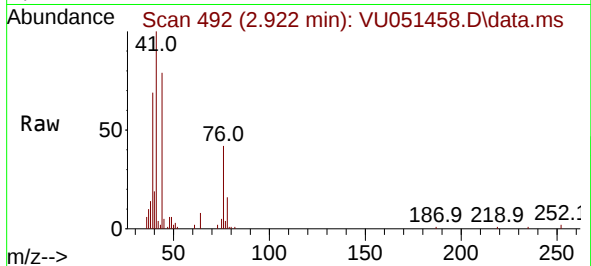
Tgt Ion:142 Resp: 14190
Ion Ratio Lower Upper
142 100
127 45.6 37.0 55.4





#11
 Allyl Chloride
 Concen: 0.779 ug/l
 RT: 2.922 min Scan# 492
 Delta R.T. 0.000 min
 Lab File: VU051458.D
 Acq: 19 Oct 2022 15:16

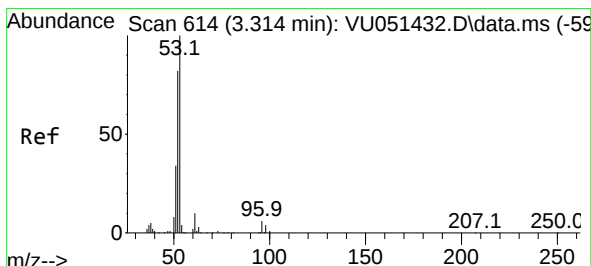
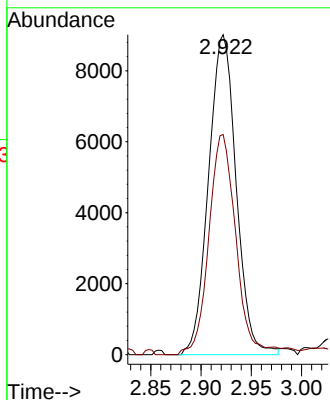
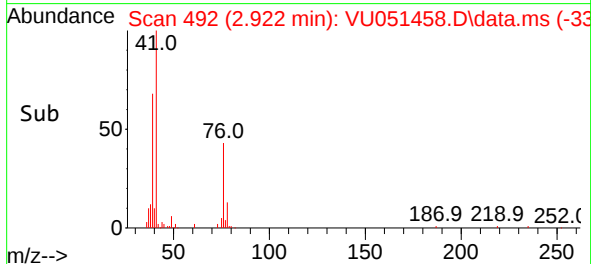
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT3-2022



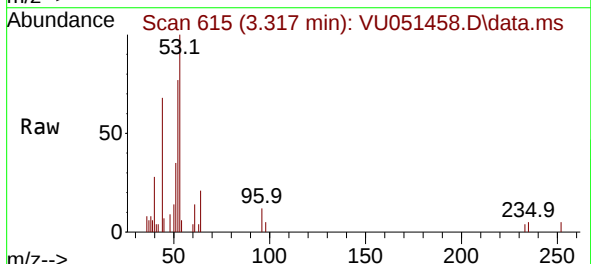
Tgt Ion: 41 Resp: 17270
 Ion Ratio Lower Upper
 41 100
 39 66.4 51.4 77.0

Manual Integrations
 APPROVED

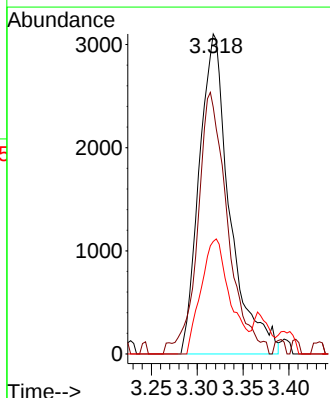
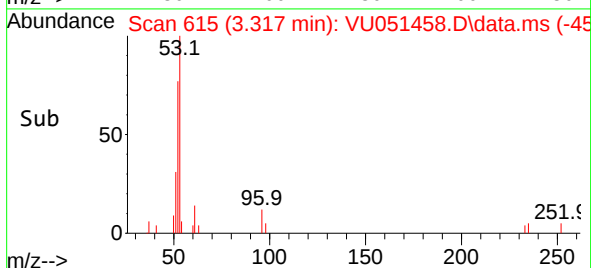
Reviewed By :Krupa Patel 10/20/2022
 Supervised By :Mahesh Dadoda 10/25/2022

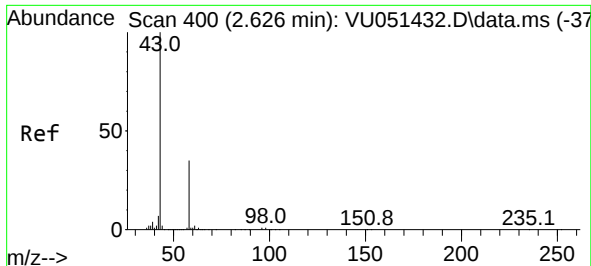


#12
 Acrylonitrile
 Concen: 1.681 ug/l
 RT: 3.317 min Scan# 615
 Delta R.T. 0.003 min
 Lab File: VU051458.D
 Acq: 19 Oct 2022 15:16



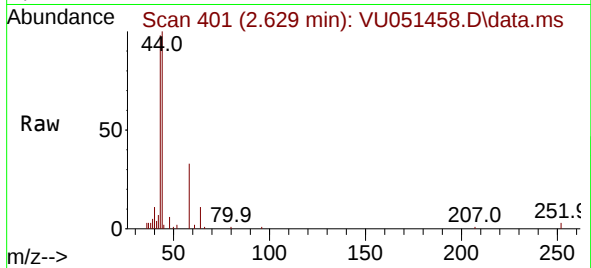
Tgt Ion: 53 Resp: 7187
 Ion Ratio Lower Upper
 53 100
 52 79.8 63.9 95.9
 51 34.1 25.9 38.9





#13
Acetone
Concen: 3.847 ug/l
RT: 2.629 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU051458.D
Acq: 19 Oct 2022 15:16

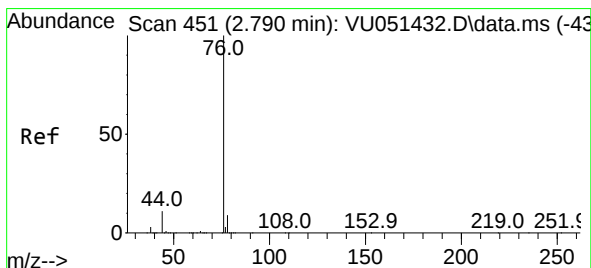
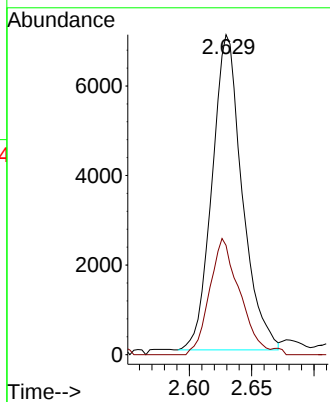
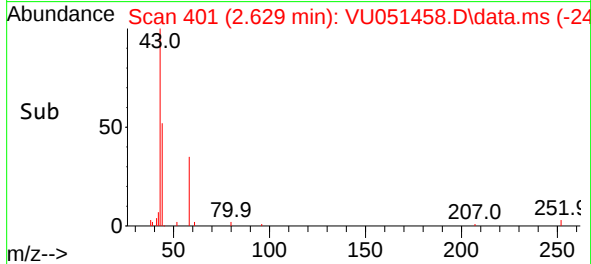
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022



Tgt Ion: 43 Resp: 11844
Ion Ratio Lower Upper
43 100
58 34.7 27.9 41.9

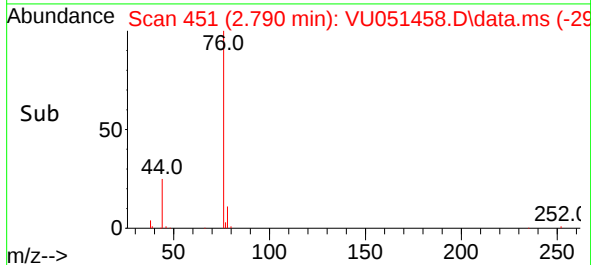
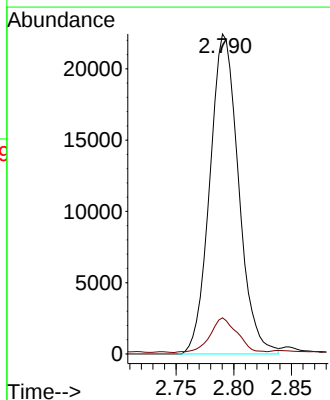
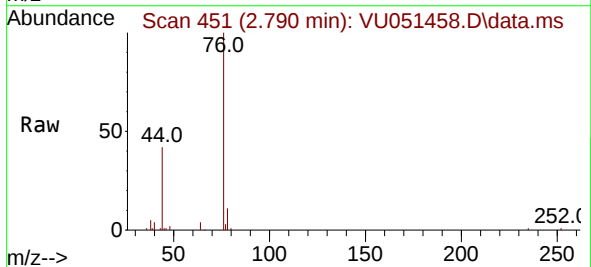
Manual Integrations
APPROVED

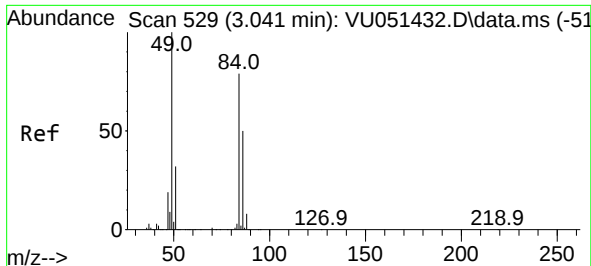
Reviewed By :Krupa Patel 10/20/2022
Supervised By :Mahesh Dadoda 10/25/2022



#14
Carbon Disulfide
Concen: 0.751 ug/l
RT: 2.790 min Scan# 451
Delta R.T. -0.000 min
Lab File: VU051458.D
Acq: 19 Oct 2022 15:16

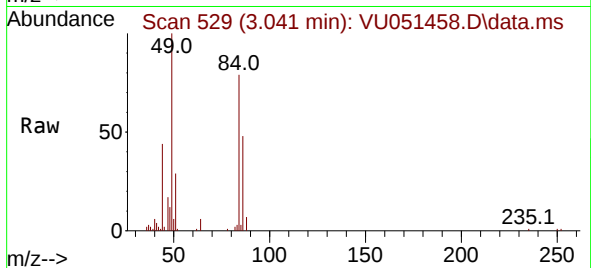
Tgt Ion: 76 Resp: 38864
Ion Ratio Lower Upper
76 100
78 10.7 7.2 10.8





#15
Methylene Chloride
Concen: 1.024 ug/l
RT: 3.041 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU051458.D
Acq: 19 Oct 2022 15:16

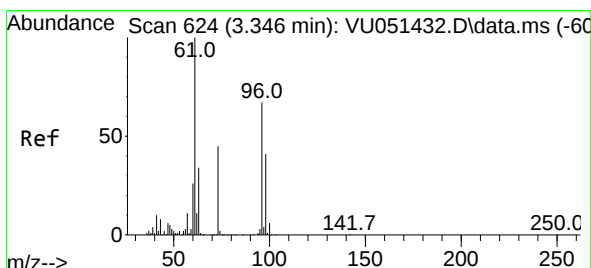
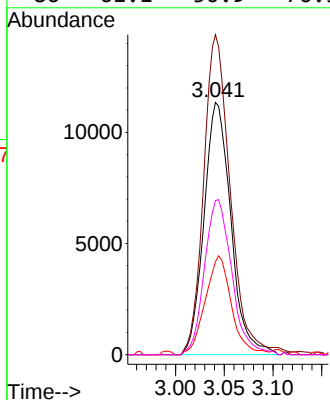
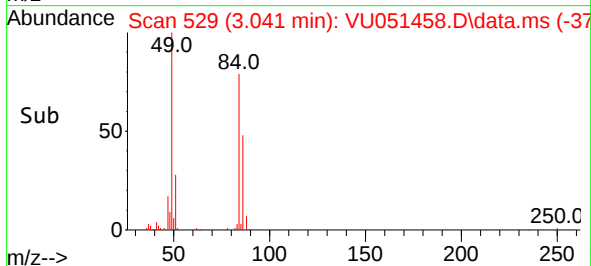
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022



Tgt Ion:	84	Resp:	21784
Ion	Ratio	Lower	Upper
84	100		
49	126.8	101.1	151.7
51	36.8	0.0	80.2
86	61.1	50.9	76.3

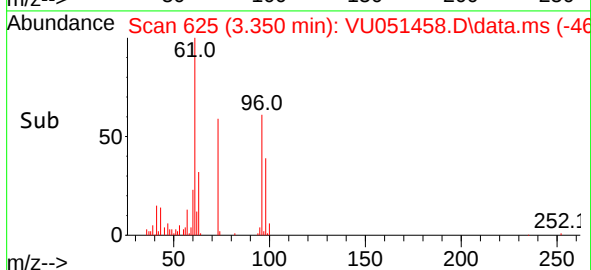
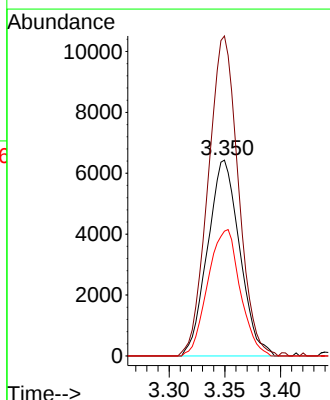
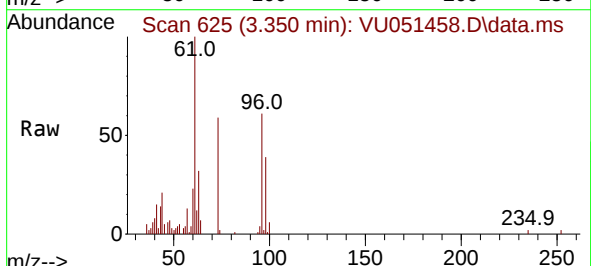
Manual Integrations
APPROVED

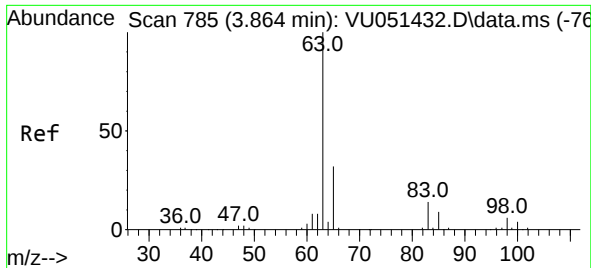
Reviewed By :Krupa Patel 10/20/2022
Supervised By :Mahesh Dadoda 10/25/2022



#16
trans-1,2-Dichloroethene
Concen: 0.774 ug/l
RT: 3.350 min Scan# 625
Delta R.T. 0.003 min
Lab File: VU051458.D
Acq: 19 Oct 2022 15:16

Tgt Ion:	96	Resp:	12899
Ion	Ratio	Lower	Upper
96	100		
61	163.5	119.9	179.9
98	63.8	49.5	74.3





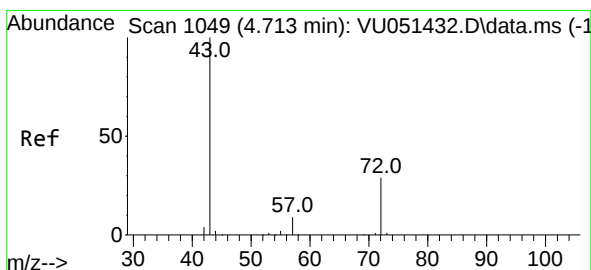
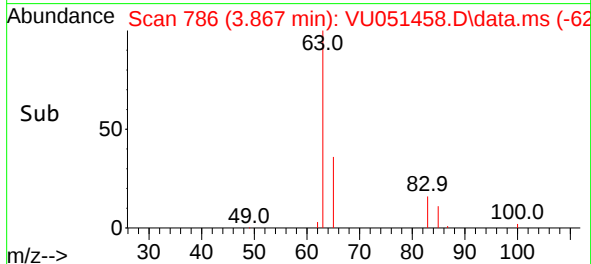
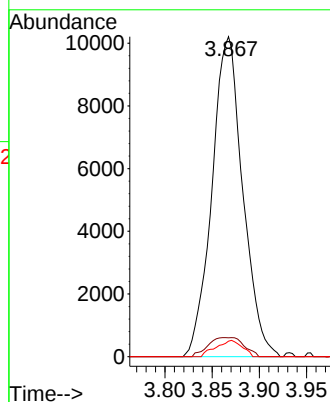
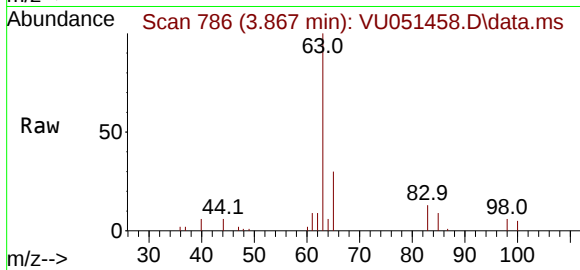
#17
1,1-Dichloroethane
Concen: 0.773 ug/l
RT: 3.867 min Scan# 785
Delta R.T. 0.003 min
Lab File: VU051458.D
Acq: 19 Oct 2022 15:16

Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022

Tgt Ion: 63	Resp: 2314
Ion Ratio	Lower Upper
63 100	
98 5.9	3.1 9.3
100 4.9	2.1 6.3

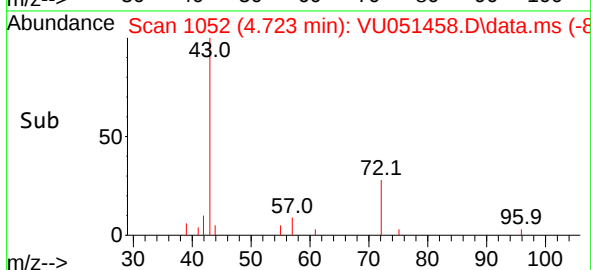
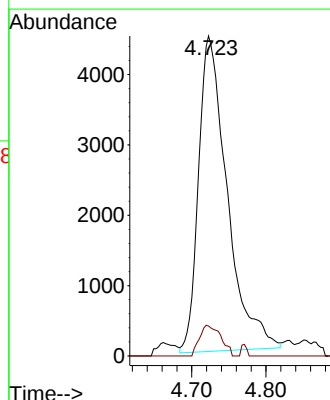
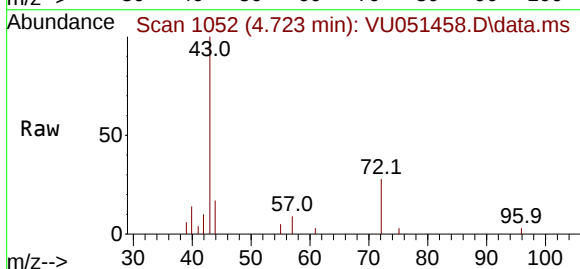
Manual Integrations
APPROVED

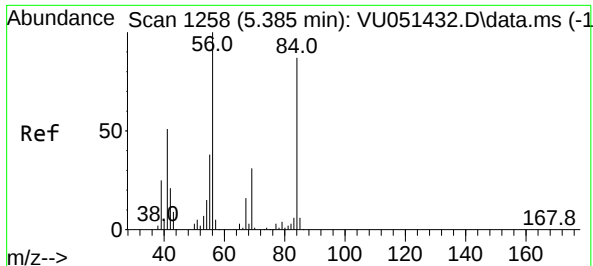
Reviewed By :Krupa Patel 10/20/2022
Supervised By :Mahesh Dadoda 10/25/2022



#18
2-Butanone
Concen: 3.224 ug/l
RT: 4.723 min Scan# 1052
Delta R.T. 0.010 min
Lab File: VU051458.D
Acq: 19 Oct 2022 15:16

Tgt Ion: 43	Resp: 12044
Ion Ratio	Lower Upper
43 100	
57 9.6	0.0 18.2





#19

Cyclohexane

Concen: 0.581 ug/l m

RT: 5.382 min Scan# 1258

Delta R.T. -0.003 min

Lab File: VU051458.D

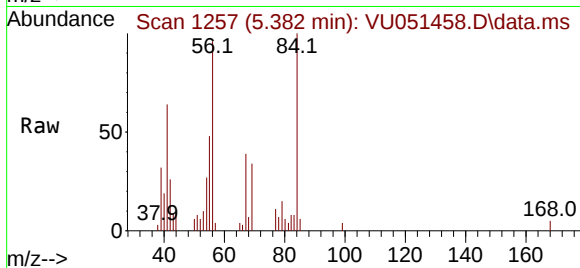
Acq: 19 Oct 2022 15:16

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT3-2022



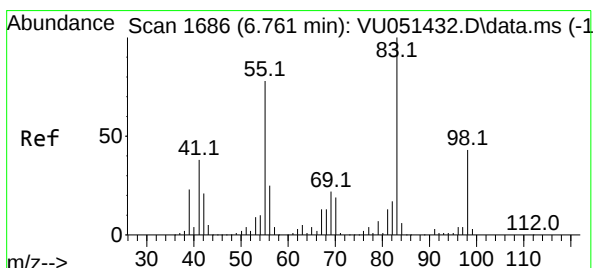
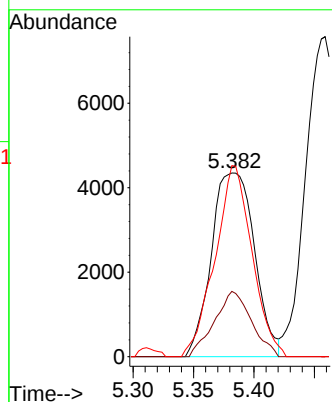
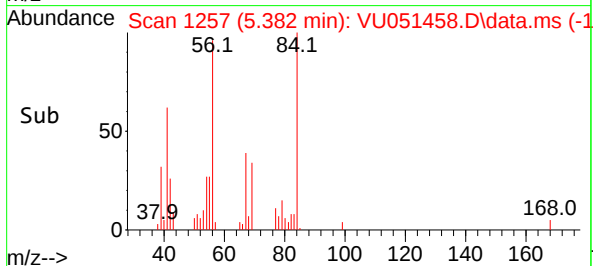
Tgt Ion:	56	Resp:	1079
Ion Ratio	Lower	Upper	
56	100		
69	30.5	25.0	37.4
84	89.3	68.5	102.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/20/2022

Supervised By :Mahesh Dadoda 10/25/2022



#20

Methylcyclohexane

Concen: 0.545 ug/l

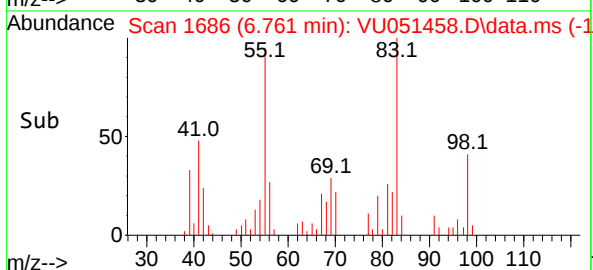
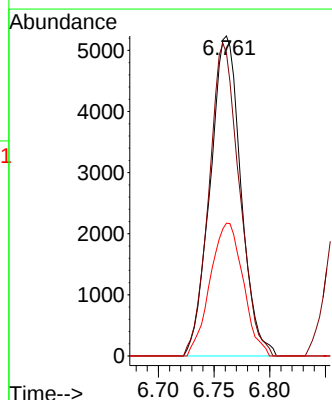
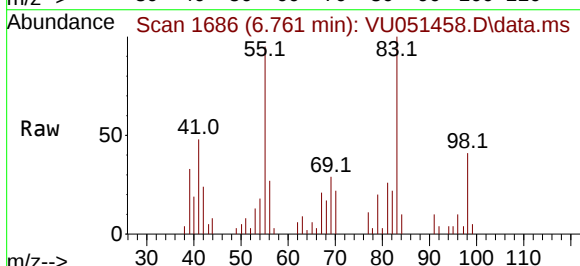
RT: 6.761 min Scan# 1686

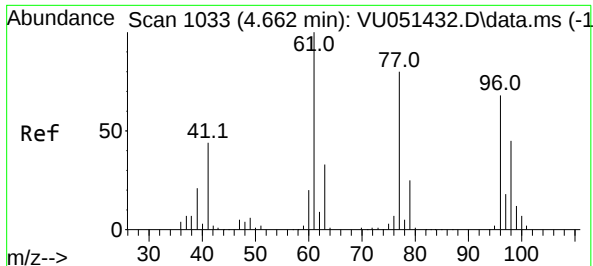
Delta R.T. 0.000 min

Lab File: VU051458.D

Acq: 19 Oct 2022 15:16

Tgt Ion:	83	Resp:	10045
Ion Ratio	Lower	Upper	
83	100		
55	96.5	62.4	93.6
98	44.4	35.5	53.3





#21

2,2-Dichloropropane

Concen: 0.739 ug/l

RT: 4.658 min Scan# 1032

Delta R.T. -0.003 min

Lab File: VU051458.D

Acq: 19 Oct 2022 15:16

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT3-2022

Tgt Ion: 77 Resp: 1545

Ion Ratio Lower Upper

77 100

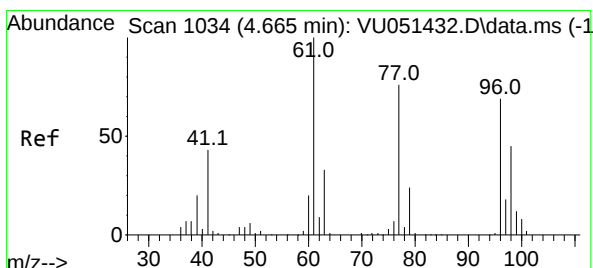
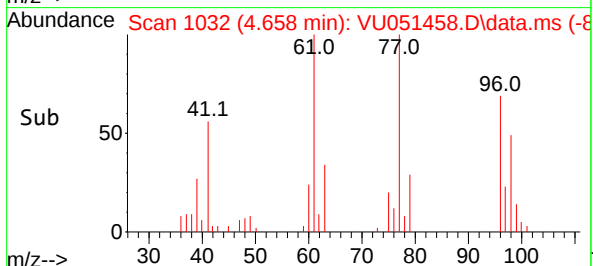
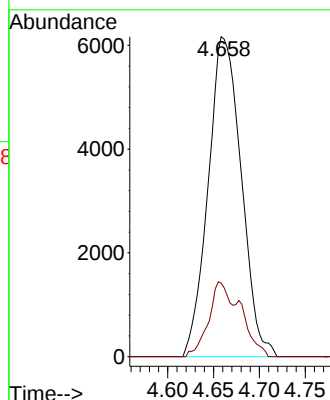
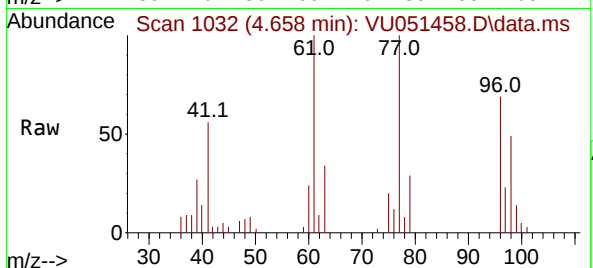
97 15.3 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/20/2022

Supervised By :Mahesh Dadoda 10/25/2022



#22

cis-1,2-Dichloroethene

Concen: 0.738 ug/l

RT: 4.665 min Scan# 1034

Delta R.T. 0.000 min

Lab File: VU051458.D

Acq: 19 Oct 2022 15:16

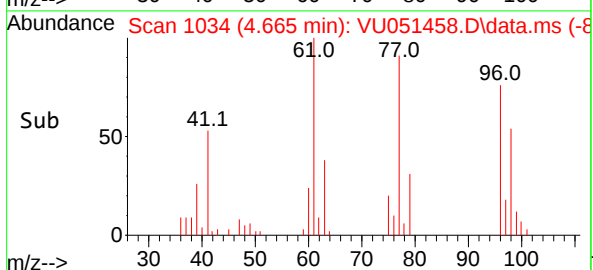
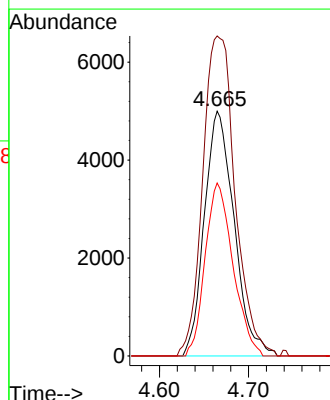
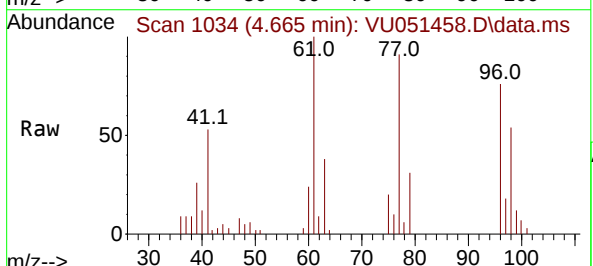
Tgt Ion: 96 Resp: 11627

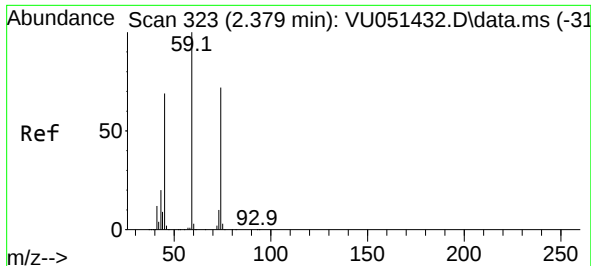
Ion Ratio Lower Upper

96 100

61 141.9 0.0 362.8

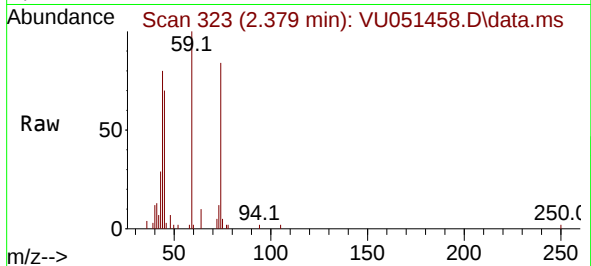
98 65.9 32.5 97.5





#23
Diethyl Ether
Concen: 0.770 ug/l
RT: 2.379 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU051458.D
Acq: 19 Oct 2022 15:16

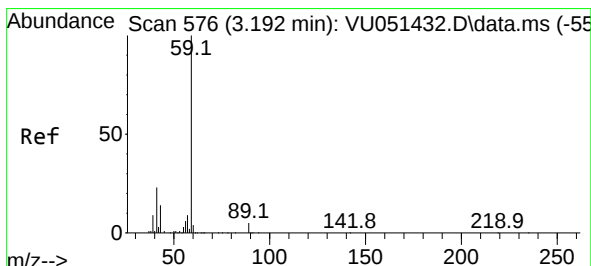
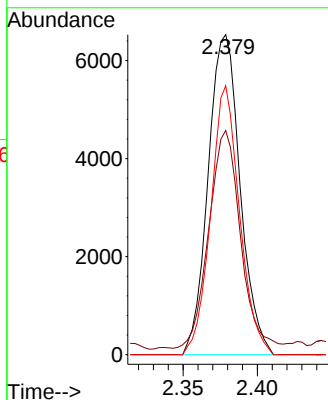
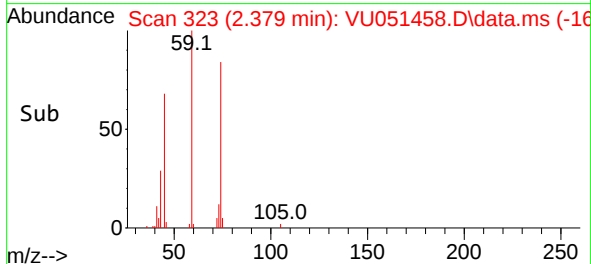
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT3-2022



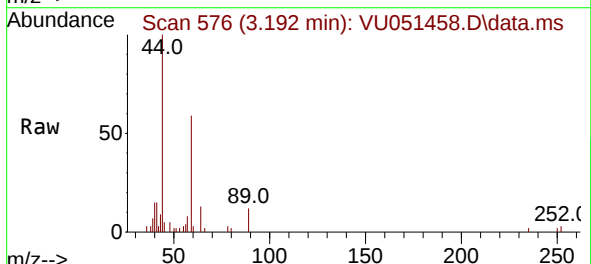
Tgt Ion: 59 Resp: 9772
Ion Ratio Lower Upper
59 100
45 67.0 55.7 83.5
74 76.0 58.2 87.4

Manual Integrations
APPROVED

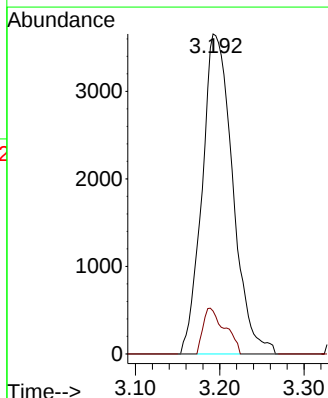
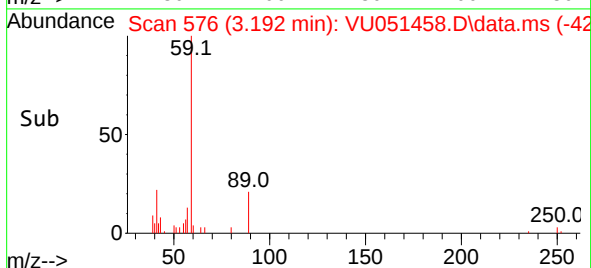
Reviewed By :Krupa Patel 10/20/2022
Supervised By :Mahesh Dadoda 10/25/2022

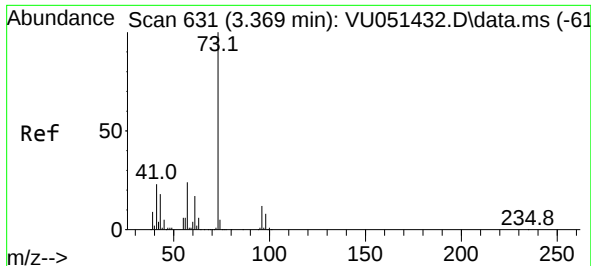


#24
tert-Butyl Alcohol
Concen: 6.933 ug/l
RT: 3.192 min Scan# 576
Delta R.T. 0.000 min
Lab File: VU051458.D
Acq: 19 Oct 2022 15:16



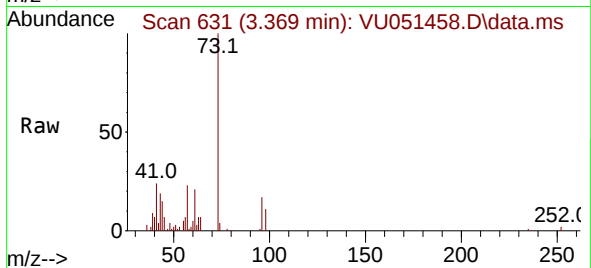
Tgt Ion: 59 Resp: 9224
Ion Ratio Lower Upper
59 100
57 10.1 7.8 11.8





#25
Methyl tert-Butyl Ether
Concen: 0.794 ug/l
RT: 3.369 min Scan# 611
Delta R.T. 0.000 min
Lab File: VU051458.D
Acq: 19 Oct 2022 15:16

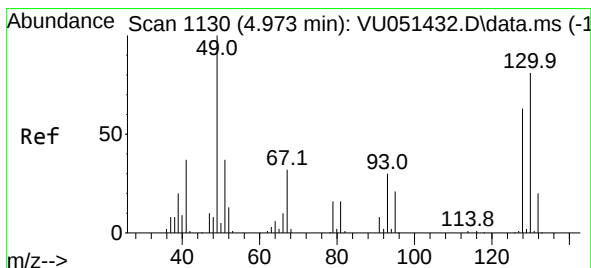
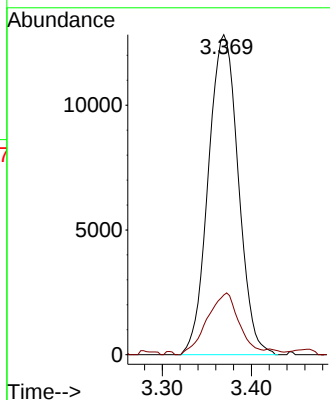
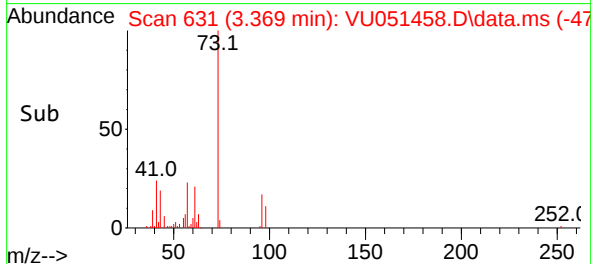
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022



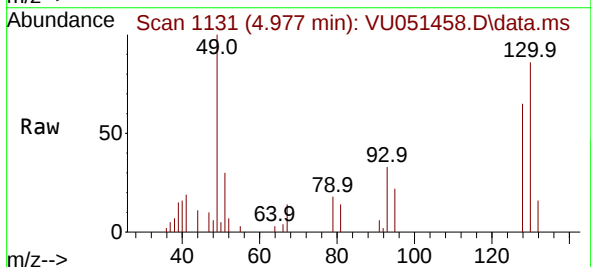
Tgt Ion: 73 Resp: 3000
Ion Ratio Lower Upper
73 100
43 20.6 14.2 21.4

Manual Integrations
APPROVED

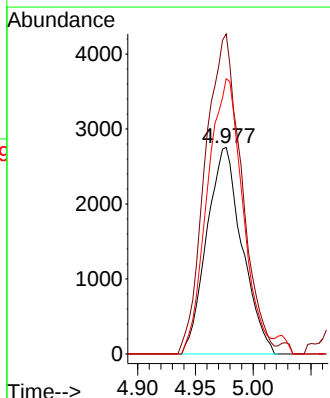
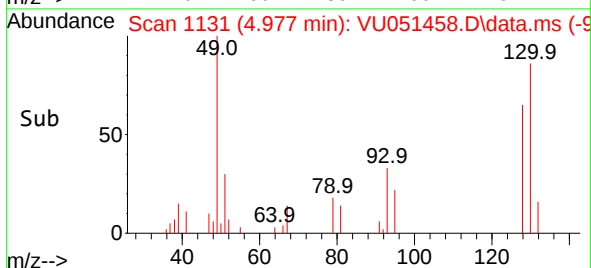
Reviewed By :Krupa Patel 10/20/2022
Supervised By :Mahesh Dadoda 10/25/2022

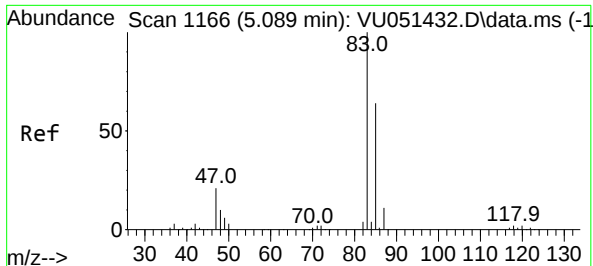


#26
Bromochloromethane
Concen: 0.762 ug/l
RT: 4.977 min Scan# 1131
Delta R.T. 0.003 min
Lab File: VU051458.D
Acq: 19 Oct 2022 15:16



Tgt Ion:128 Resp: 5856
Ion Ratio Lower Upper
128 100
49 159.6 0.0 320.4
130 134.3 105.0 157.6





#27

Chloroform

Concen: 0.786 ug/l

RT: 5.089 min Scan# 1166

Delta R.T. 0.000 min

Lab File: VU051458.D

Acq: 19 Oct 2022 15:16

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT3-2022

Tgt Ion: 83 Resp: 23849

Ion Ratio Lower Upper

83 100

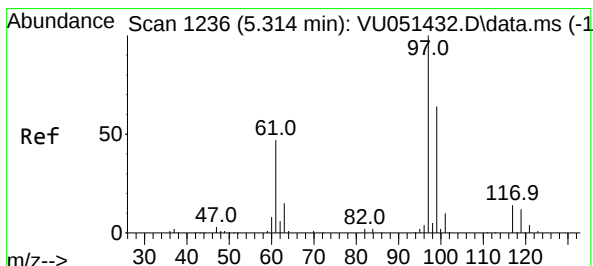
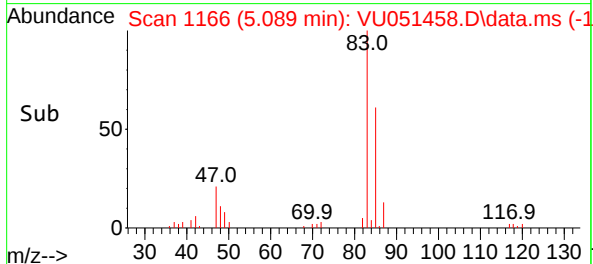
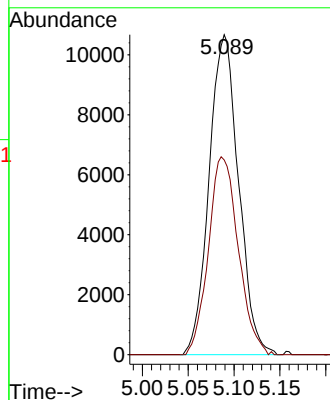
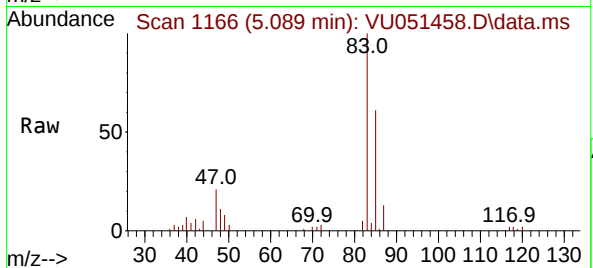
85 60.9 0.0 128.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/20/2022

Supervised By :Mahesh Dadoda 10/25/2022



#28

1,1,1-Trichloroethane

Concen: 0.744 ug/l

RT: 5.314 min Scan# 1236

Delta R.T. -0.000 min

Lab File: VU051458.D

Acq: 19 Oct 2022 15:16

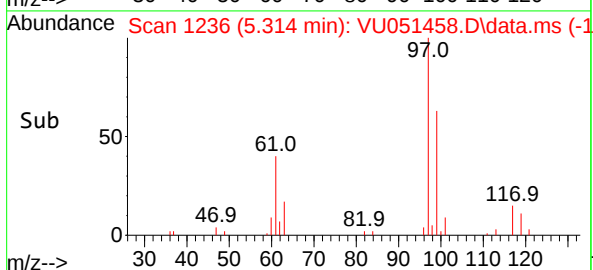
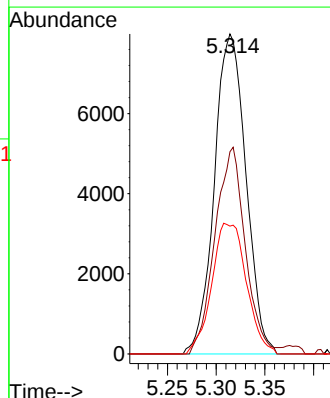
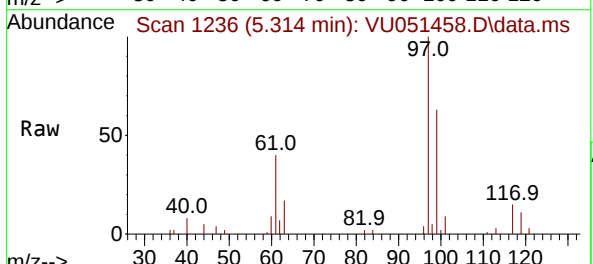
Tgt Ion: 97 Resp: 18017

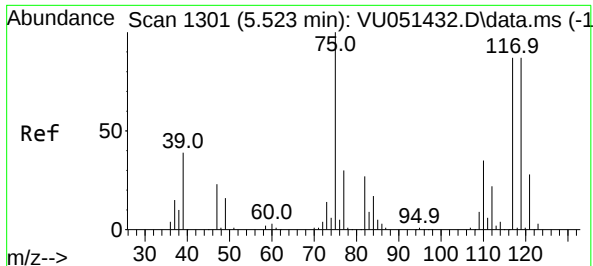
Ion Ratio Lower Upper

97 100

99 62.1 31.8 95.4

61 44.7 23.6 71.0





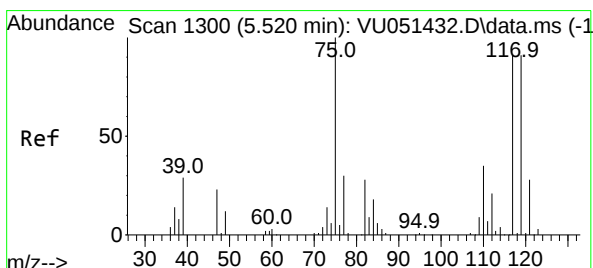
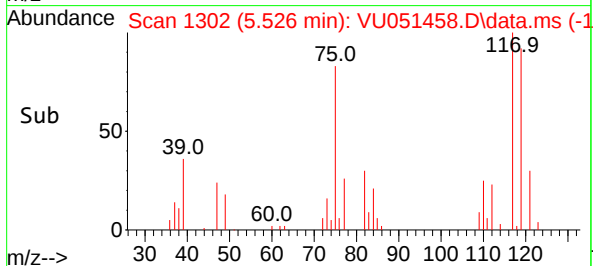
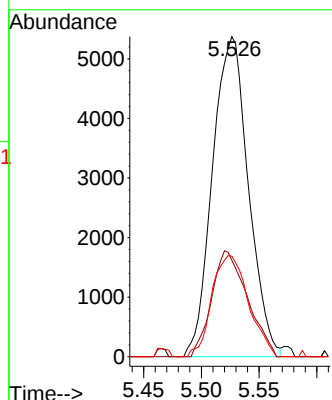
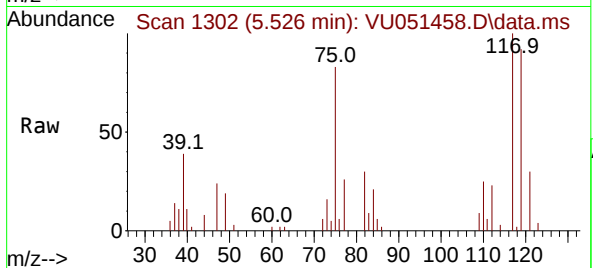
#29
1,1-Dichloropropene
Concen: 0.627 ug/l
RT: 5.526 min Scan# 1163
Delta R.T. 0.003 min
Lab File: VU051458.D
Acq: 19 Oct 2022 15:16

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022

Tgt Ion: 75 Resp: 1163
Ion Ratio Lower Upper
75 100
110 32.9 17.8 53.3
77 32.2 24.2 36.4

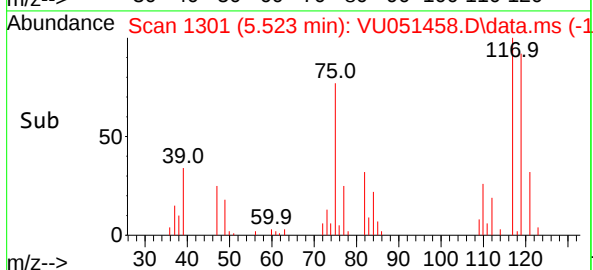
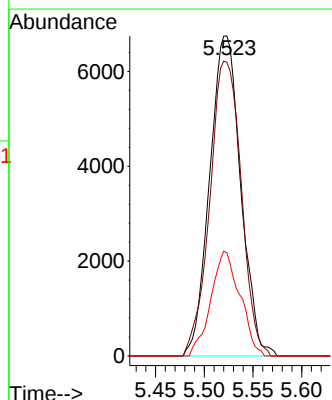
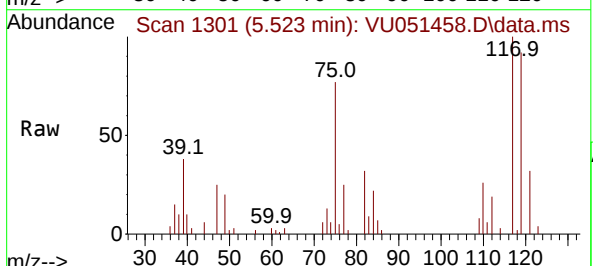
Manual Integrations
APPROVED

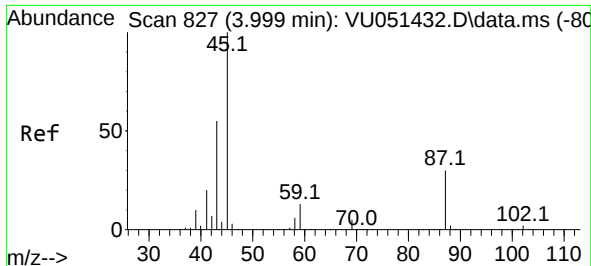
Reviewed By :Krupa Patel 10/20/2022
Supervised By :Mahesh Dadoda 10/25/2022



#30
Carbon Tetrachloride
Concen: 0.731 ug/l
RT: 5.523 min Scan# 1301
Delta R.T. 0.003 min
Lab File: VU051458.D
Acq: 19 Oct 2022 15:16

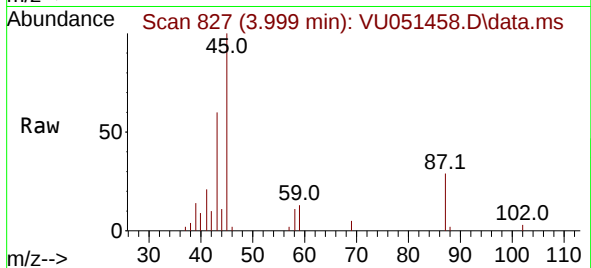
Tgt Ion:117 Resp: 14927
Ion Ratio Lower Upper
117 100
119 91.8 80.0 120.0
121 32.2 24.9 37.3





#31
Isopropyl Ether
Concen: 0.711 ug/l
RT: 3.999 min Scan# 81
Delta R.T. 0.000 min
Lab File: VU051458.D
Acq: 19 Oct 2022 15:16

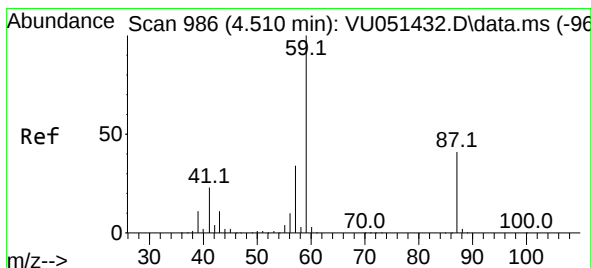
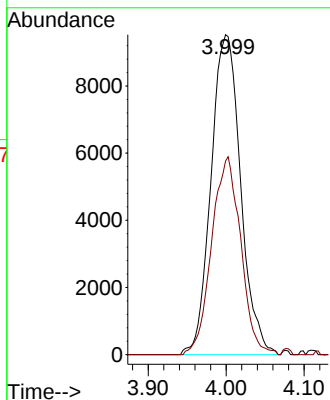
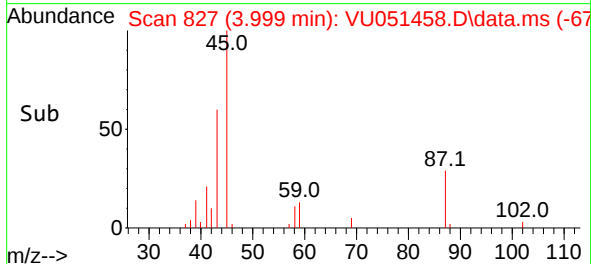
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022



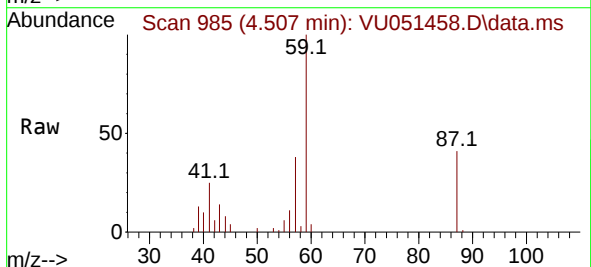
Tgt Ion: 45 Resp: 25180
Ion Ratio Lower Upper
45 100
43 60.7 27.6 82.7

Manual Integrations
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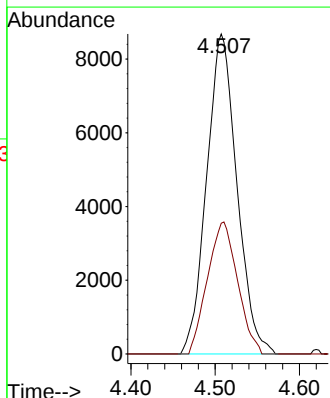
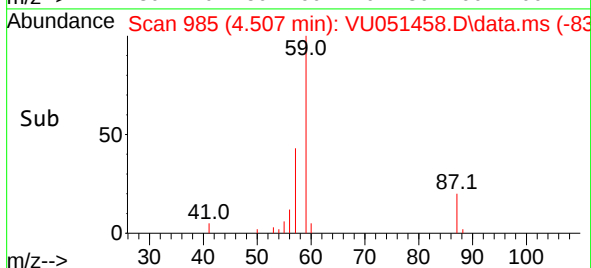
Reviewed By :Krupa Patel 10/20/2022
Supervised By :Mahesh Dadoda 10/25/2022

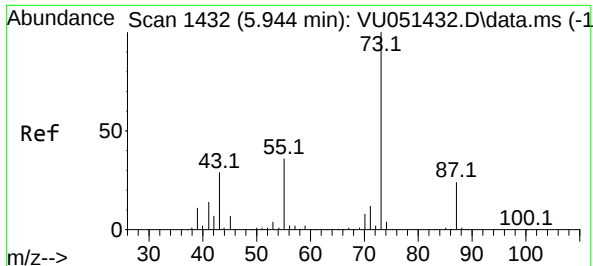


#32
Ethyl-t-butyl ether
Concen: 0.670 ug/l
RT: 4.507 min Scan# 985
Delta R.T. -0.003 min
Lab File: VU051458.D
Acq: 19 Oct 2022 15:16



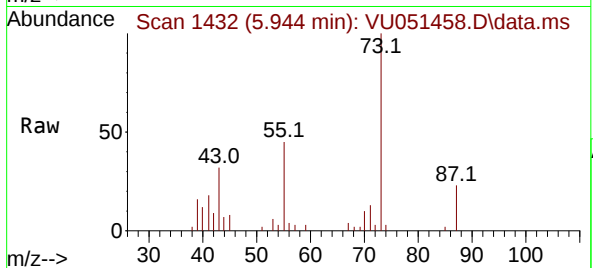
Tgt Ion: 59 Resp: 21660
Ion Ratio Lower Upper
59 100
87 41.0 33.8 50.8





#33
Tert-Amyl methyl ether
Concen: 0.625 ug/l
RT: 5.944 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VU051458.D
Acq: 19 Oct 2022 15:16

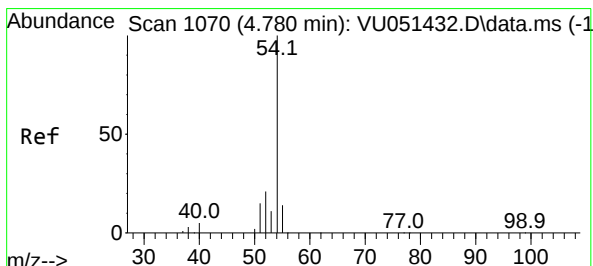
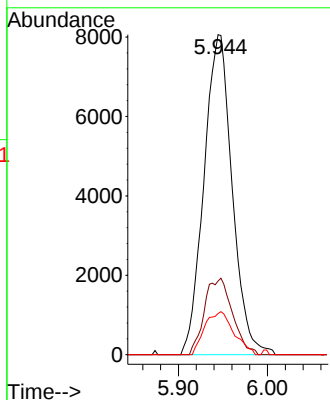
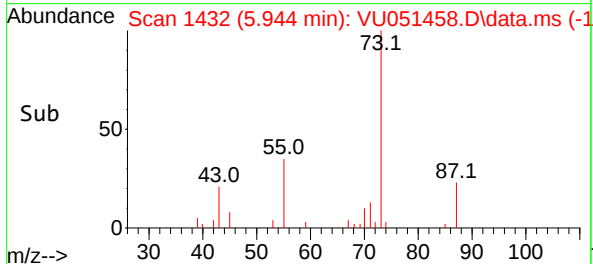
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT3-2022



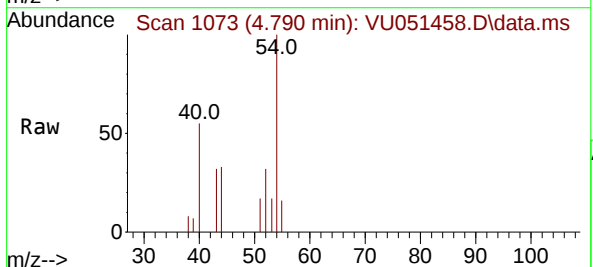
Tgt Ion: 73 Resp: 1776
Ion Ratio Lower Upper
73 100
87 23.6 18.9 28.3
71 13.8 9.4 14.2

Manual Integrations
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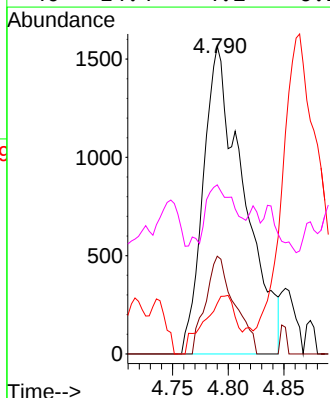
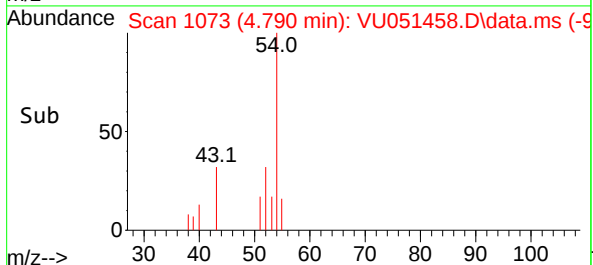
Reviewed By :Krupa Patel 10/20/2022
Supervised By :Mahesh Dadoda 10/25/2022

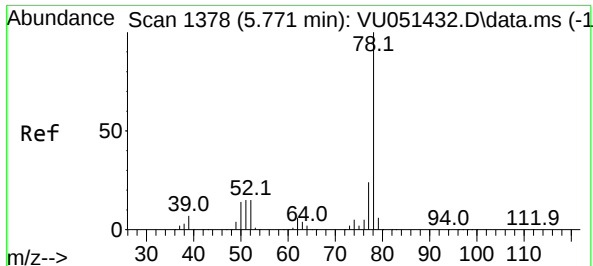


#34
Propionitrile
Concen: 3.137 ug/l
RT: 4.790 min Scan# 1073
Delta R.T. 0.010 min
Lab File: VU051458.D
Acq: 19 Oct 2022 15:16



Tgt Ion: 54 Resp: 3940
Ion Ratio Lower Upper
54 100
52 22.7 16.4 24.6
55 14.9 11.5 17.3
40 14.4 4.2 6.2#





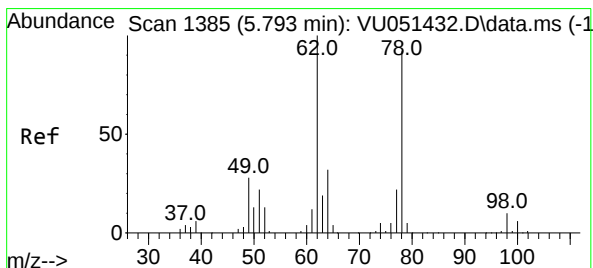
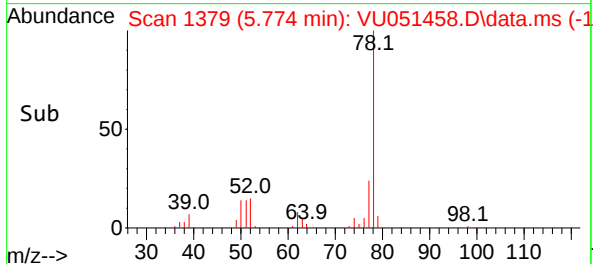
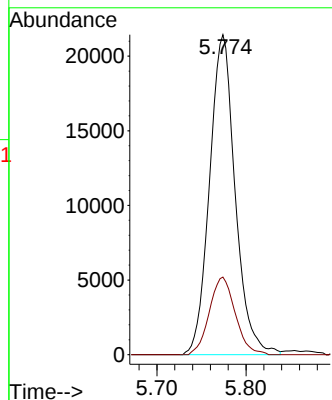
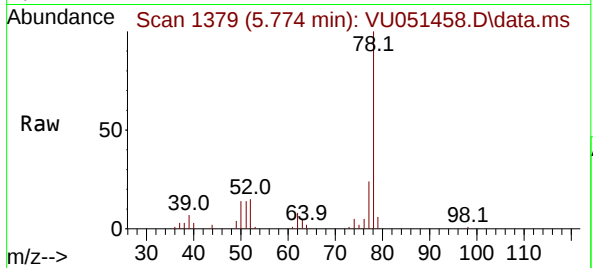
#35
Benzene
Concen: 0.689 ug/l
RT: 5.774 min Scan# 1378
Delta R.T. 0.003 min
Lab File: VU051458.D
Acq: 19 Oct 2022 15:16

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022

Tgt Ion: 78 Resp: 42850
Ion Ratio Lower Upper
78 100
77 24.3 19.0 28.6

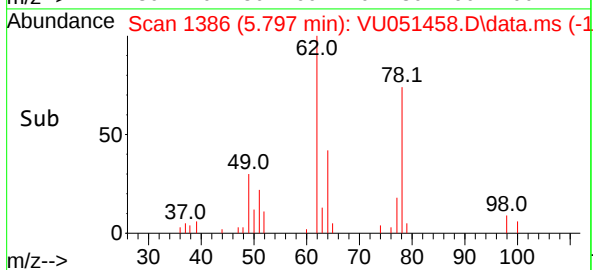
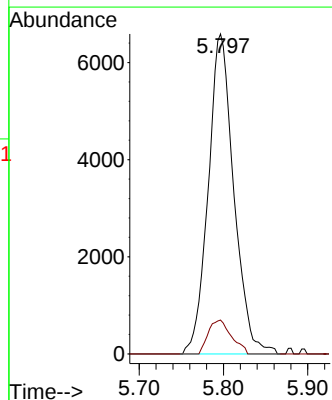
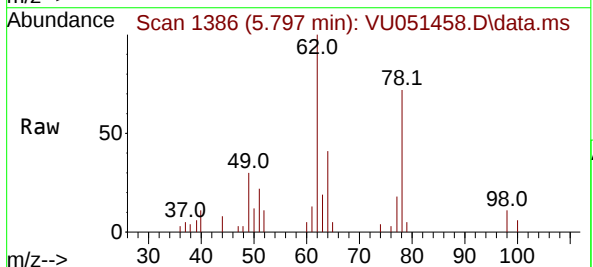
Manual Integrations
APPROVED

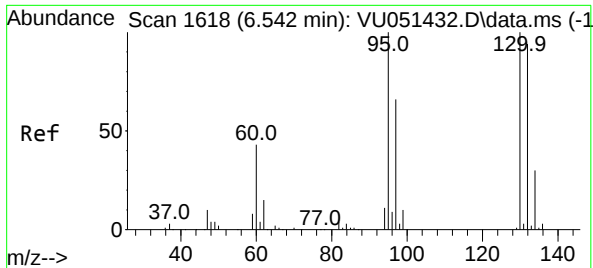
Reviewed By :Krupa Patel 10/20/2022
Supervised By :Mahesh Dadoda 10/25/2022



#36
1,2-Dichloroethane
Concen: 0.724 ug/l
RT: 5.797 min Scan# 1386
Delta R.T. 0.003 min
Lab File: VU051458.D
Acq: 19 Oct 2022 15:16

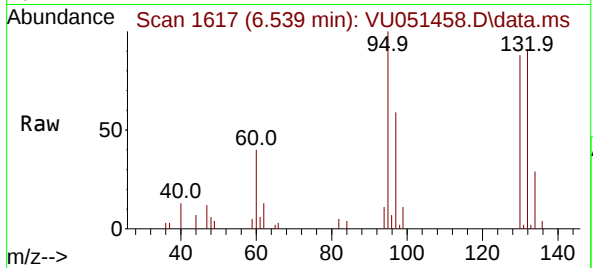
Tgt Ion: 62 Resp: 13901
Ion Ratio Lower Upper
62 100
98 9.5 7.4 11.2





#37
Trichloroethene
Concen: 0.711 ug/l
RT: 6.539 min Scan# 1617
Delta R.T. -0.003 min
Lab File: VU051458.D
Acq: 19 Oct 2022 15:16

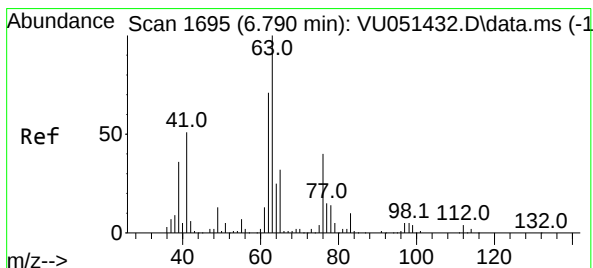
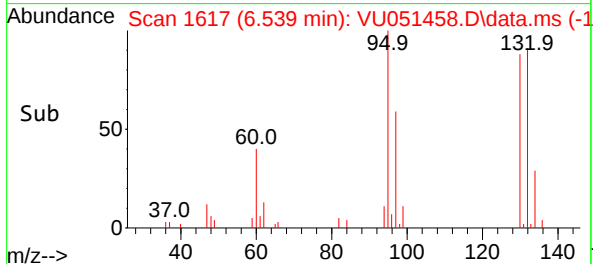
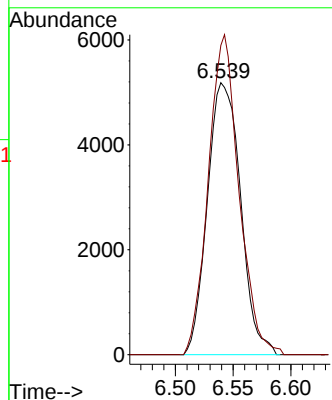
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022



Tgt Ion:130 Resp: 1038
Ion Ratio Lower Upper
130 100
95 113.7 80.2 120.4

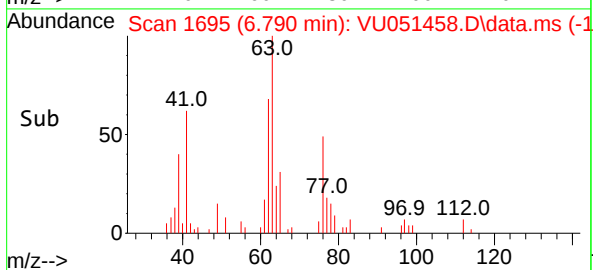
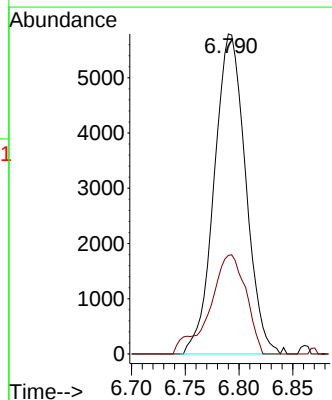
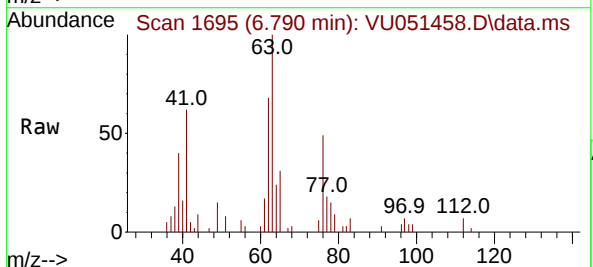
Manual Integrations
APPROVED

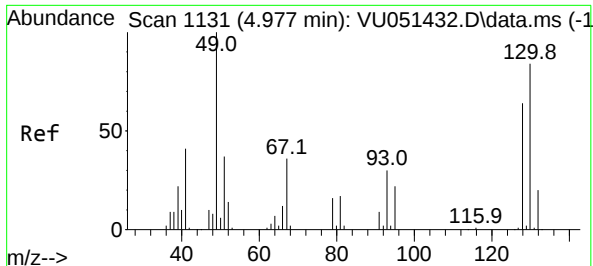
Reviewed By :Krupa Patel 10/20/2022
Supervised By :Mahesh Dadoda 10/25/2022



#38
1,2-Dichloropropane
Concen: 0.688 ug/l
RT: 6.790 min Scan# 1695
Delta R.T. 0.000 min
Lab File: VU051458.D
Acq: 19 Oct 2022 15:16

Tgt Ion: 63 Resp: 11751
Ion Ratio Lower Upper
63 100
65 30.8 25.4 38.2





#39

Methacrylonitrile

Concen: 0.672 ug/l m

RT: 4.993 min Scan# 1136

Delta R.T. 0.016 min

Lab File: VU051458.D

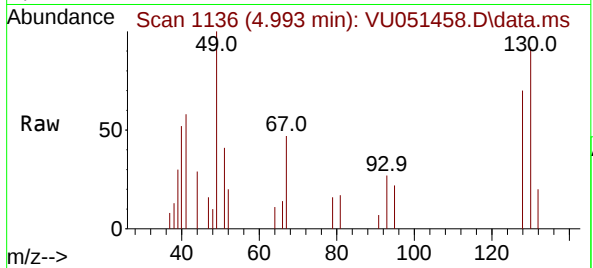
Acq: 19 Oct 2022 15:16

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT3-2022



Tgt Ion: 41 Resp: 288

Ion Ratio Lower Upper

41 100

67 63.6 69.6 104.4

39 32.1 42.2 63.4

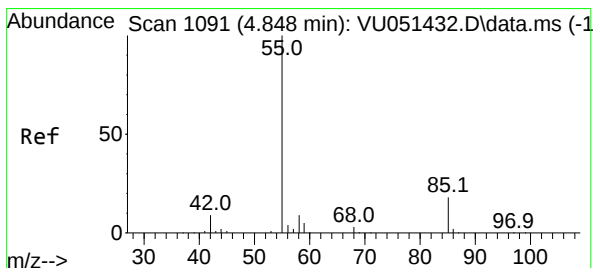
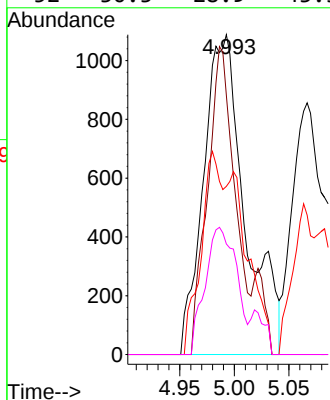
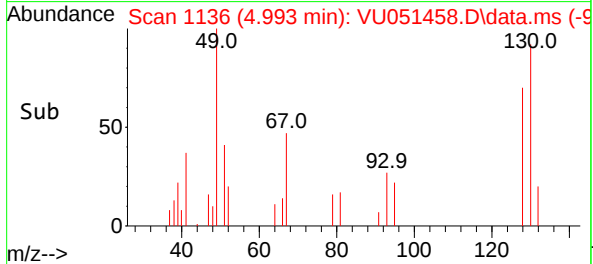
52 30.3 28.9 43.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/20/2022

Supervised By :Mahesh Dadoda 10/25/2022



#40

Methyl acrylate

Concen: 0.623 ug/l m

RT: 4.864 min Scan# 1096

Delta R.T. 0.016 min

Lab File: VU051458.D

Acq: 19 Oct 2022 15:16

Tgt Ion: 55 Resp: 4266

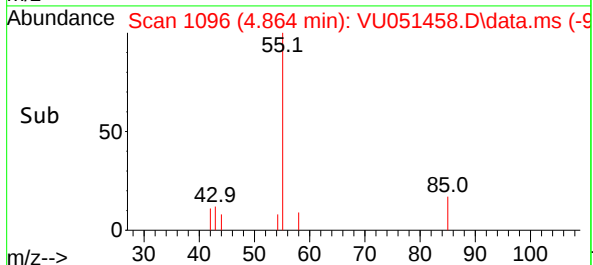
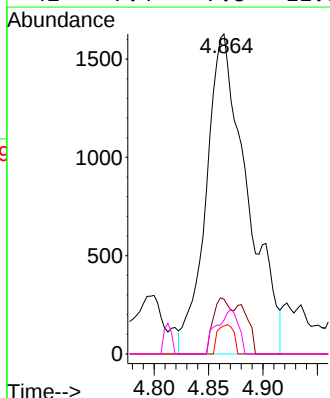
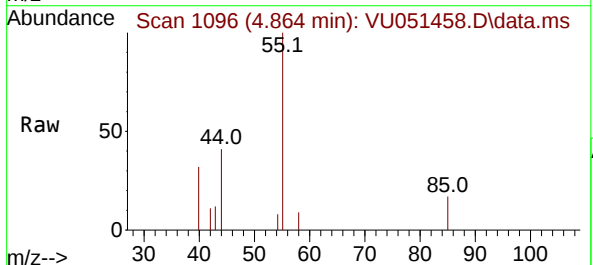
Ion Ratio Lower Upper

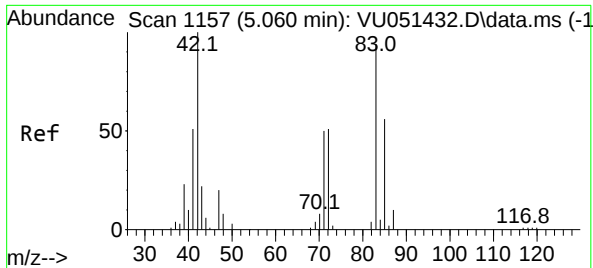
55 100

85 0.0 15.0 22.6#

58 3.5 7.5 11.3#

42 7.4 7.8 11.6#





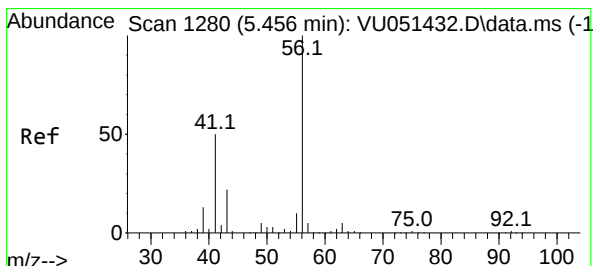
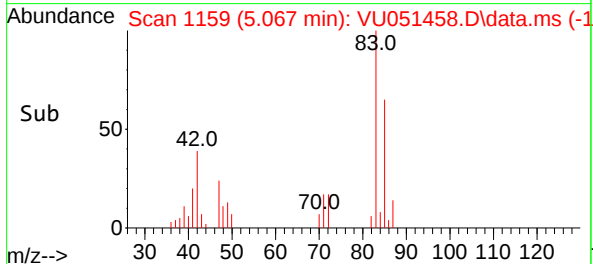
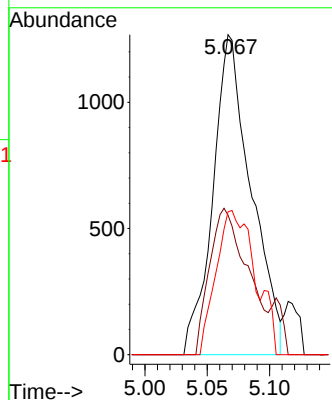
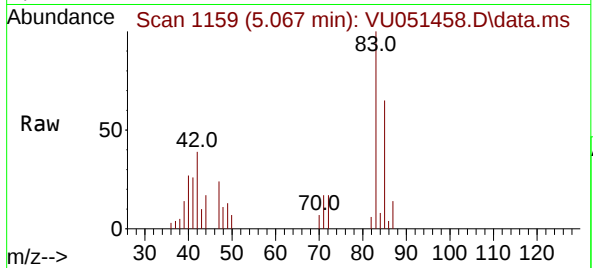
#41
Tetrahydrofuran
Concen: 1.199 ug/l
RT: 5.067 min Scan# 1157
Delta R.T. 0.006 min
Lab File: VU051458.D
Acq: 19 Oct 2022 15:16

Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT3-2022

Tgt Ion: 42 Resp: 2700
Ion Ratio Lower Upper
42 100
72 46.1 42.6 64.0
71 41.4 38.3 57.5

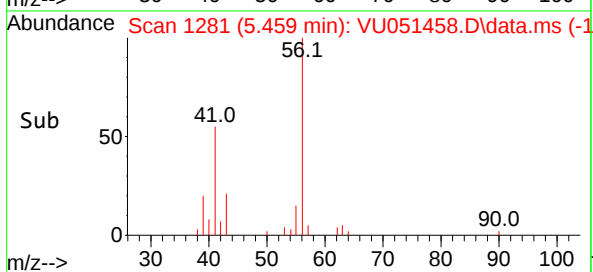
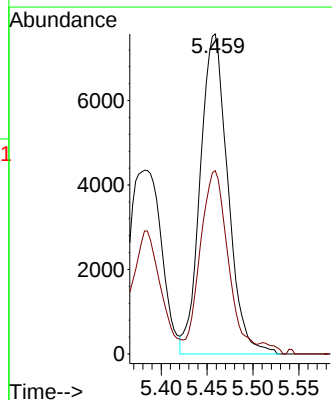
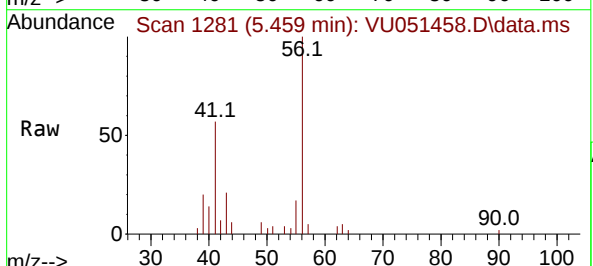
Manual Integrations
APPROVED

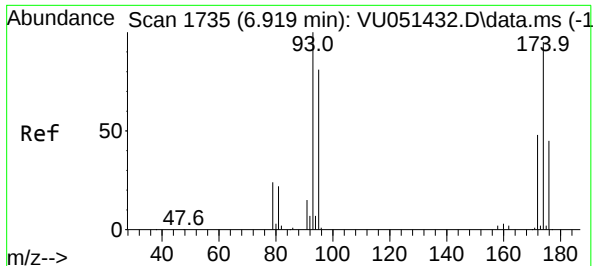
Reviewed By :Krupa Patel 10/20/2022
Supervised By :Mahesh Dadoda 10/25/2022



#42
1-Chlorobutane
Concen: 0.628 ug/l
RT: 5.459 min Scan# 1281
Delta R.T. 0.003 min
Lab File: VU051458.D
Acq: 19 Oct 2022 15:16

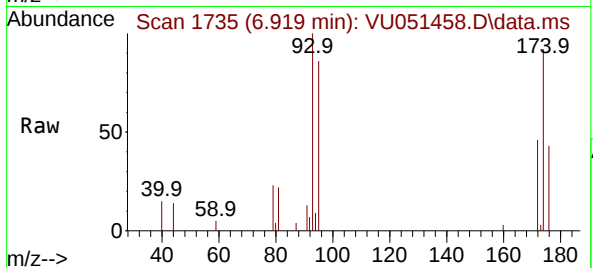
Tgt Ion: 56 Resp: 15890
Ion Ratio Lower Upper
56 100
41 52.5 24.8 74.4





#43
Dibromomethane
Concen: 0.760 ug/l
RT: 6.919 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VU051458.D
Acq: 19 Oct 2022 15:16

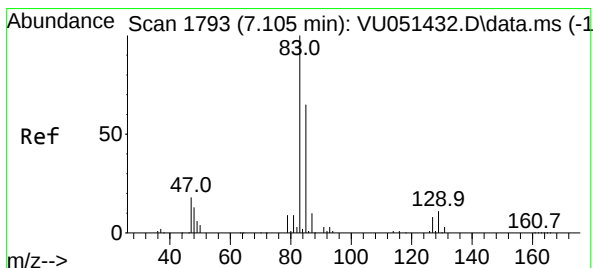
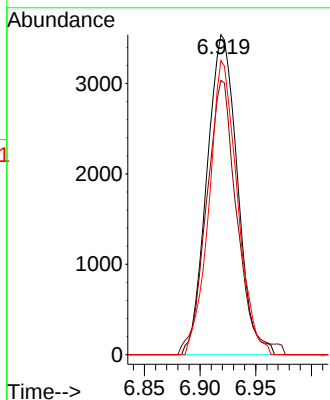
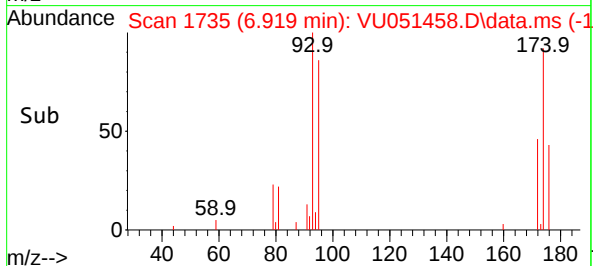
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT3-2022



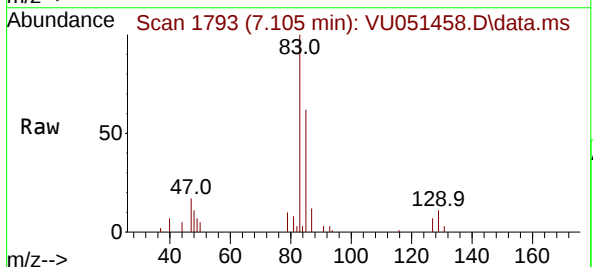
Tgt Ion: 93 Resp: 673
Ion Ratio Lower Upper
93 100
95 85.7 66.7 100.1
174 85.5 75.5 113.3

Manual Integrations
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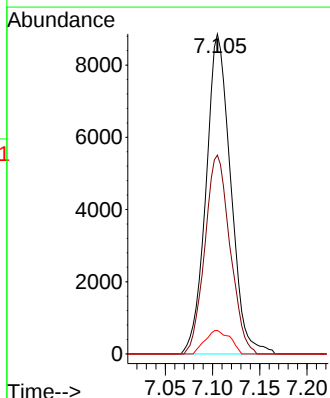
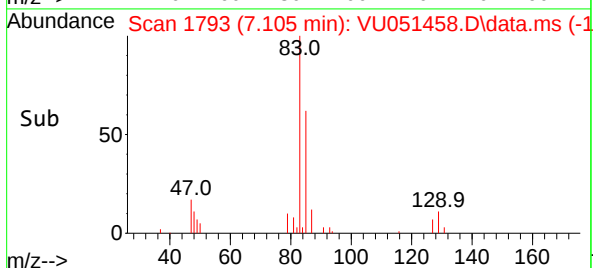
Reviewed By :Krupa Patel 10/20/2022
Supervised By :Mahesh Dadoda 10/25/2022

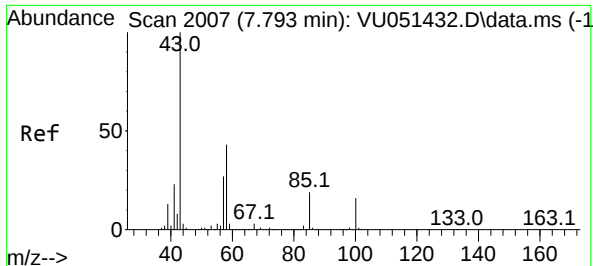


#44
Bromodichloromethane
Concen: 0.750 ug/l
RT: 7.105 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VU051458.D
Acq: 19 Oct 2022 15:16



Tgt Ion: 83 Resp: 16087
Ion Ratio Lower Upper
83 100
85 62.2 52.1 78.1
127 7.4 6.8 10.2





#45

4-Methyl-2-Pentanone

Concen: 2.792 ug/l

RT: 7.793 min Scan# 2007

Delta R.T. 0.000 min

Lab File: VU051458.D

Acq: 19 Oct 2022 15:16

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT3-2022

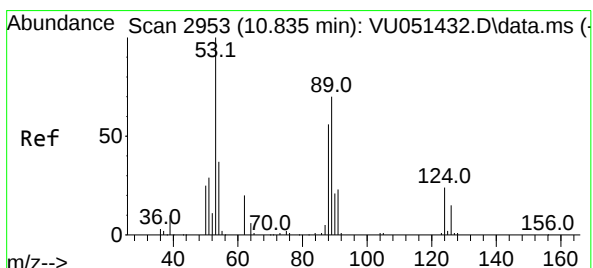
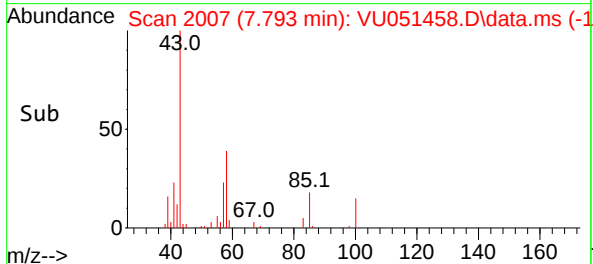
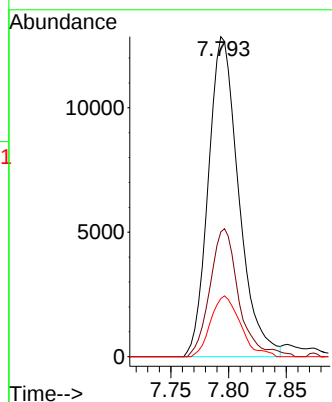
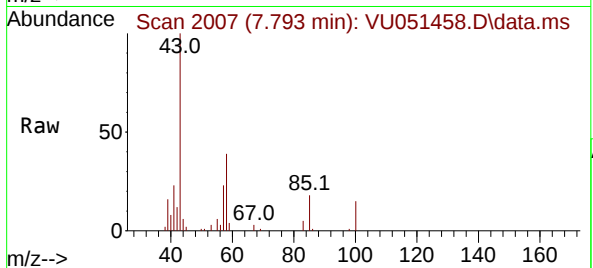
Tgt Ion: 43	Resp: 2354
Ion Ratio	Lower Upper
43 100	
58 37.9	21.4 64.3
85 18.6	15.4 23.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/20/2022

Supervised By :Mahesh Dadoda 10/25/2022



#46

t-1,4-Dichloro-2-butene

Concen: 1.709 ug/l m

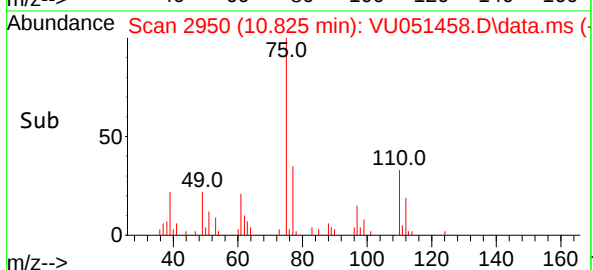
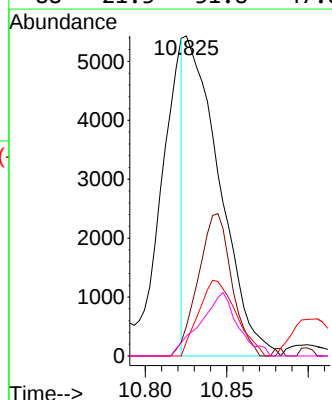
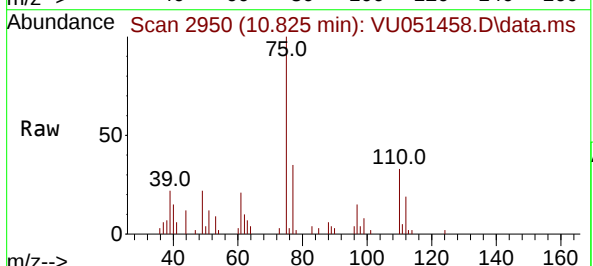
RT: 10.825 min Scan# 2950

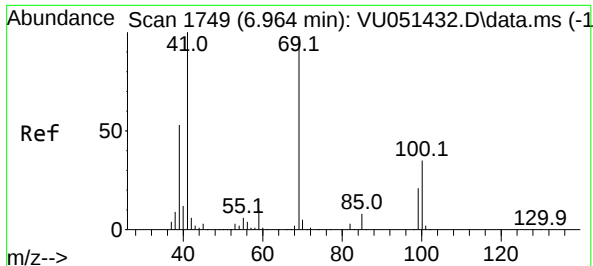
Delta R.T. -0.010 min

Lab File: VU051458.D

Acq: 19 Oct 2022 15:16

Tgt Ion: 75	Resp: 8047
Ion Ratio	Lower Upper
75 100	
53 42.9	61.1 91.7#
89 25.4	41.0 61.6#
88 21.3	31.8 47.8#





#47

Methyl methacrylate

Concen: 1.139 ug/l

RT: 6.967 min Scan# 1749

Delta R.T. 0.003 min

Lab File: VU051458.D

Acq: 19 Oct 2022 15:16

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT3-2022

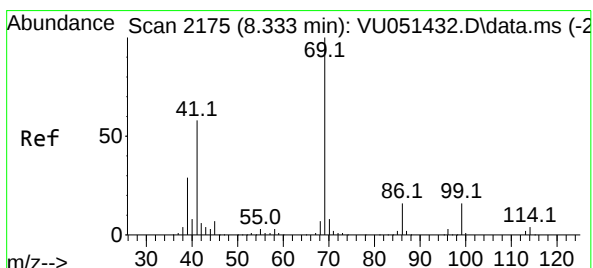
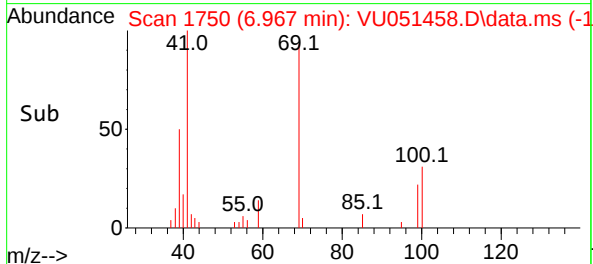
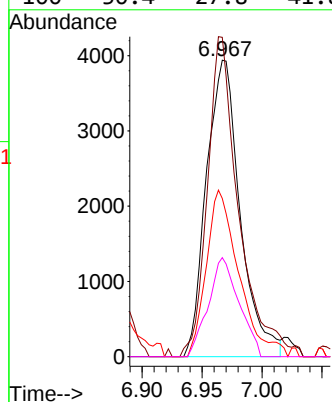
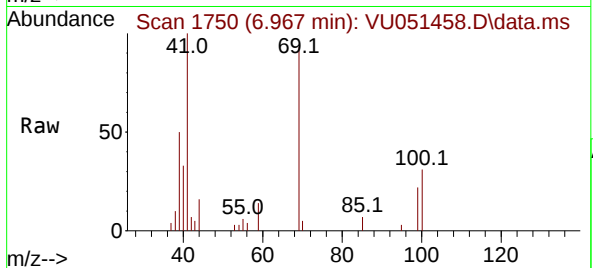
Tgt Ion:	69	Resp:	7718
Ion	Ratio	Lower	Upper
69	100		
41	100.1	0.0	200.8
39	54.1	44.1	66.1
100	30.4	27.8	41.8

Manual Integrations

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Reviewed By :Krupa Patel 10/20/2022

Supervised By :Mahesh Dadoda 10/25/2022



#48

Ethyl methacrylate

Concen: 0.561 ug/l

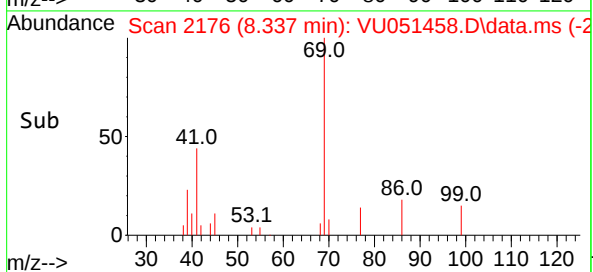
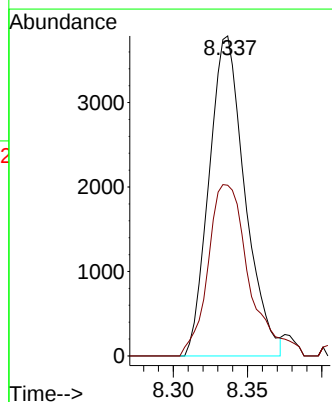
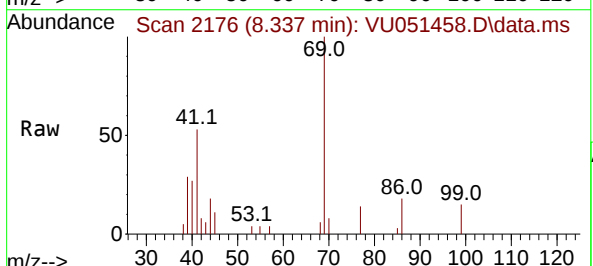
RT: 8.337 min Scan# 2176

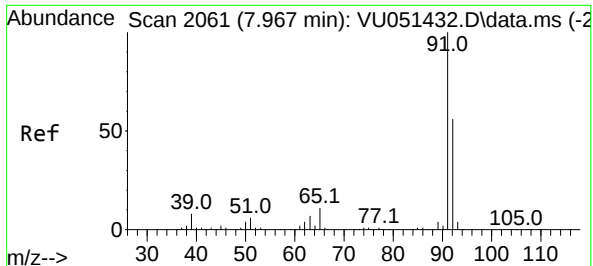
Delta R.T. 0.004 min

Lab File: VU051458.D

Acq: 19 Oct 2022 15:16

Tgt Ion:	69	Resp:	6362
Ion	Ratio	Lower	Upper
69	100		
41	61.1	28.8	86.5





#49

Toluene

Concen: 0.563 ug/l

RT: 7.970 min Scan# 2061

Delta R.T. 0.003 min

Lab File: VU051458.D

Acq: 19 Oct 2022 15:16

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT3-2022

Tgt Ion: 92 Resp: 1922

Ion Ratio Lower Upper

92 100

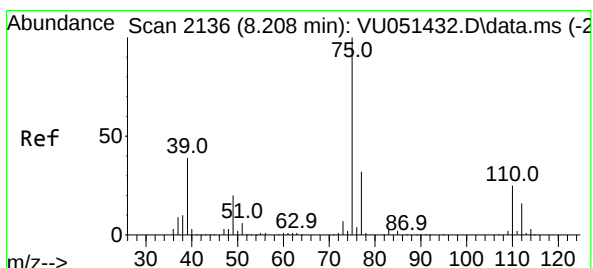
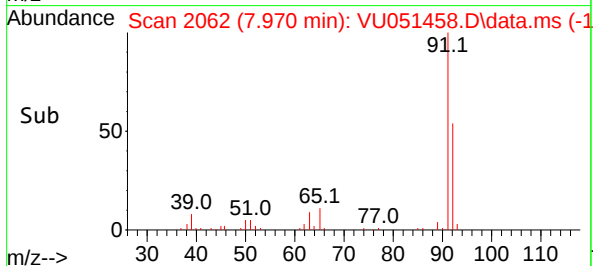
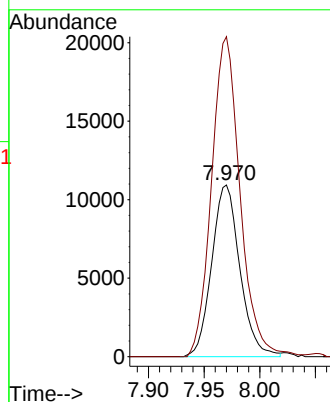
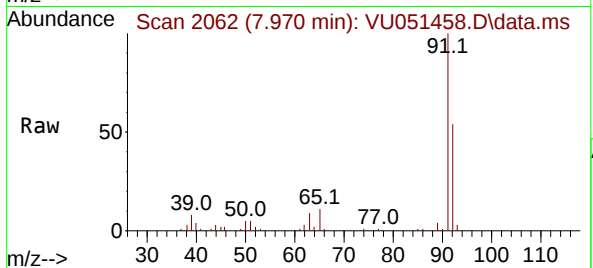
91 188.9 141.8 212.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/20/2022

Supervised By :Mahesh Dadoda 10/25/2022



#50

t-1,3-Dichloropropene

Concen: 0.638 ug/l

RT: 8.211 min Scan# 2137

Delta R.T. 0.003 min

Lab File: VU051458.D

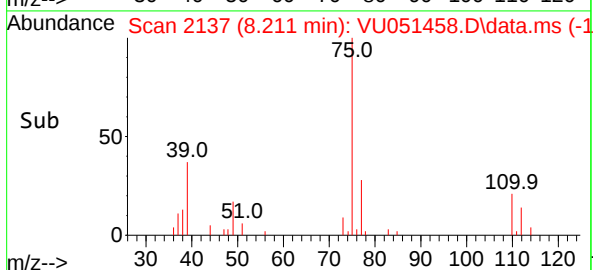
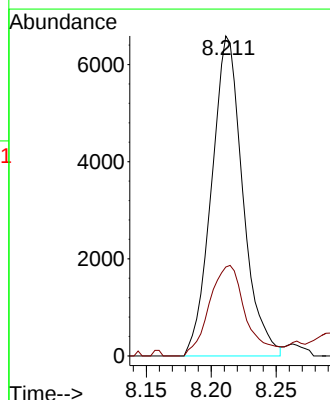
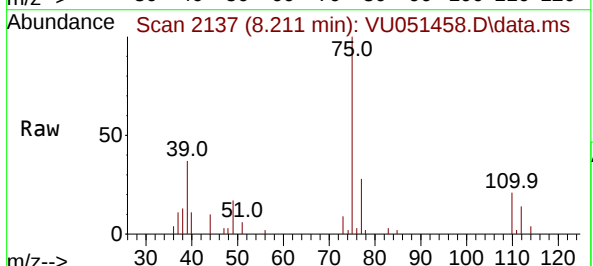
Acq: 19 Oct 2022 15:16

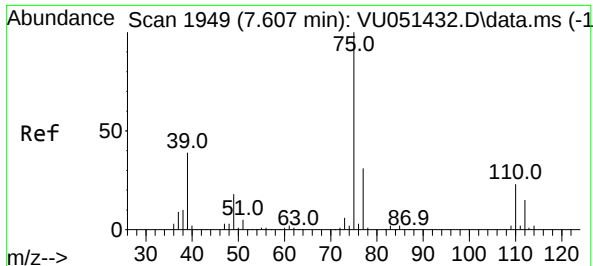
Tgt Ion: 75 Resp: 10995

Ion Ratio Lower Upper

75 100

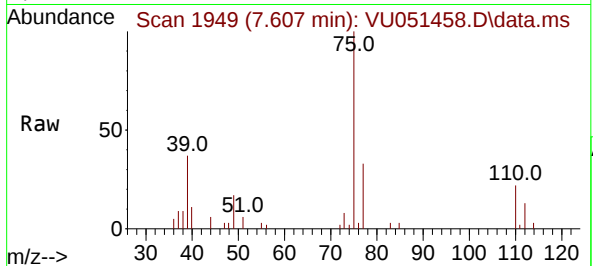
77 27.8 25.8 38.6





#51
 cis-1,3-Dichloropropene
 Concen: 0.614 ug/l
 RT: 7.607 min Scan# 1949
 Delta R.T. 0.000 min
 Lab File: VU051458.D
 Acq: 19 Oct 2022 15:16

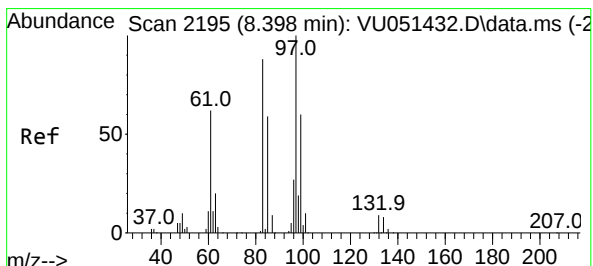
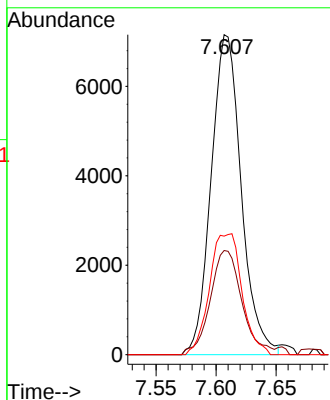
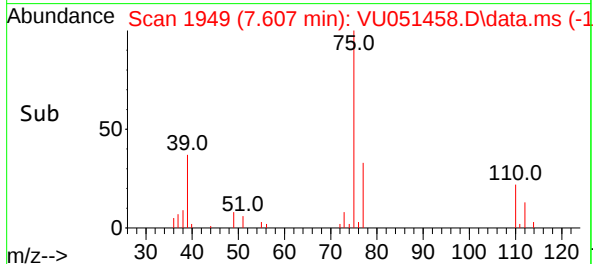
Instrument : MSVOA_U
 ClientSampleId : MDL-WATER-03-QT3-2022



Tgt Ion: 75 Resp: 1248
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.1 37.7
 39 37.1 31.4 47.0

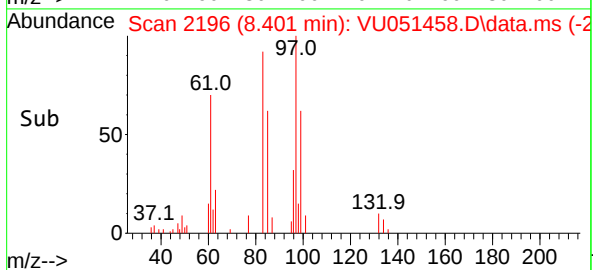
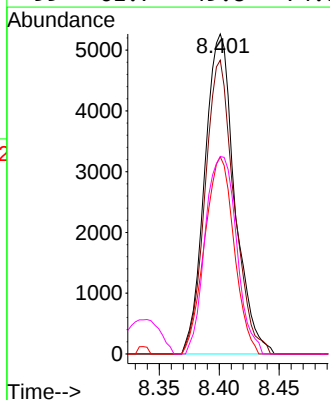
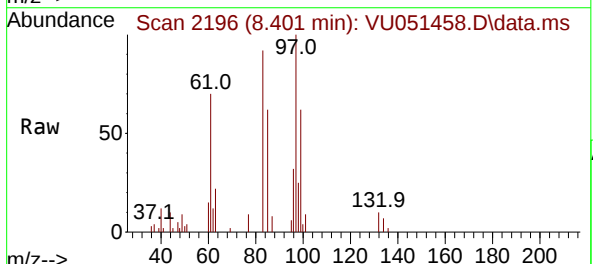
Manual Integrations
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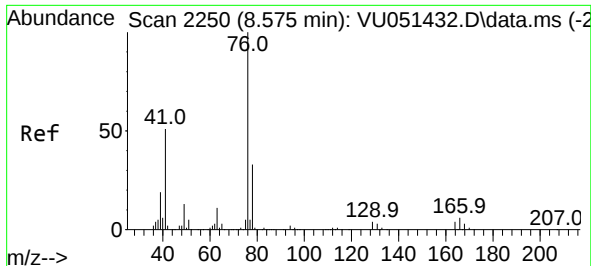
Reviewed By :Krupa Patel 10/20/2022
 Supervised By :Mahesh Dadoda 10/25/2022



#52
 1,1,2-Trichloroethane
 Concen: 0.724 ug/l
 RT: 8.401 min Scan# 2196
 Delta R.T. 0.003 min
 Lab File: VU051458.D
 Acq: 19 Oct 2022 15:16

Tgt Ion: 97 Resp: 9166
 Ion Ratio Lower Upper
 97 100
 83 91.8 70.6 105.8
 85 61.6 47.0 70.4
 99 61.7 49.8 74.8





#53

1,3-Dichloropropane

Concen: 0.658 ug/l

RT: 8.575 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU051458.D

Acq: 19 Oct 2022 15:16

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT3-2022

Tgt Ion: 76 Resp: 1340

Ion Ratio Lower Upper

76 100

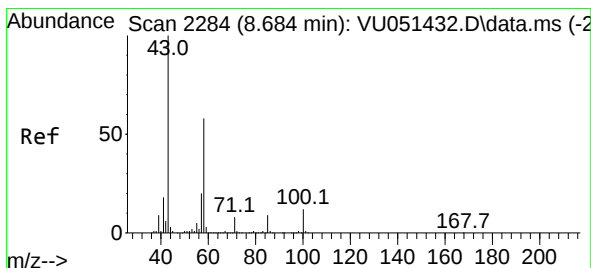
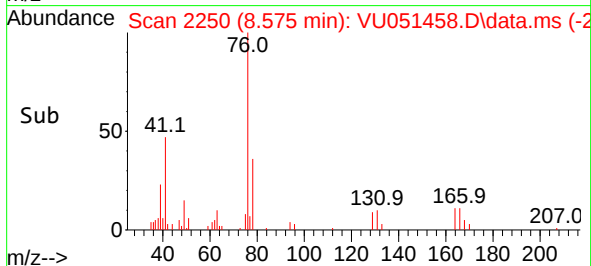
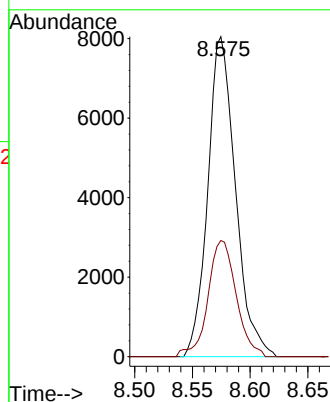
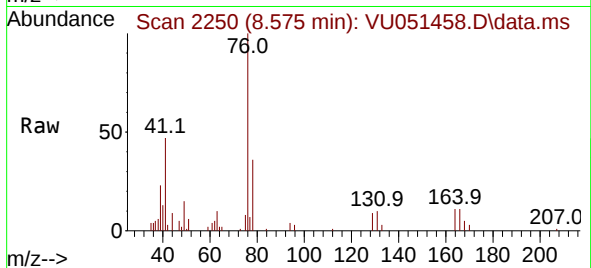
78 37.1 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/20/2022

Supervised By :Mahesh Dadoda 10/25/2022



#54

2-Hexanone

Concen: 2.766 ug/l

RT: 8.690 min Scan# 2286

Delta R.T. 0.006 min

Lab File: VU051458.D

Acq: 19 Oct 2022 15:16

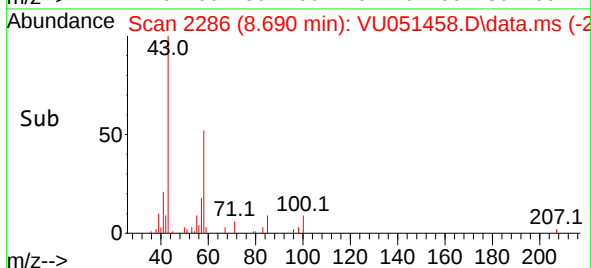
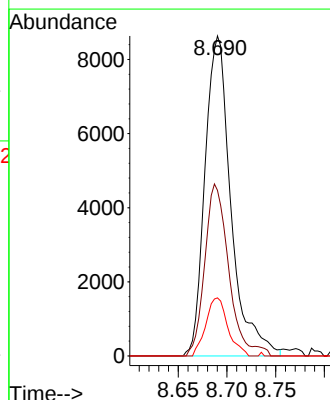
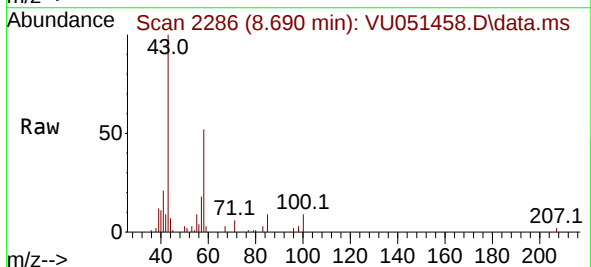
Tgt Ion: 43 Resp: 16045

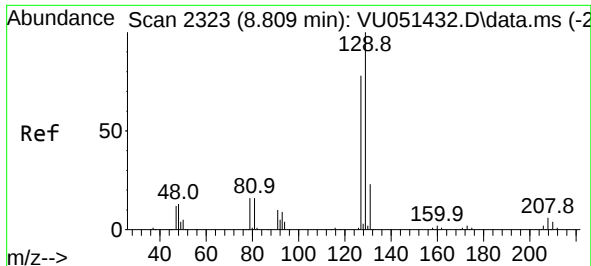
Ion Ratio Lower Upper

43 100

58 49.6 38.0 78.0

57 15.4 0.0 39.9





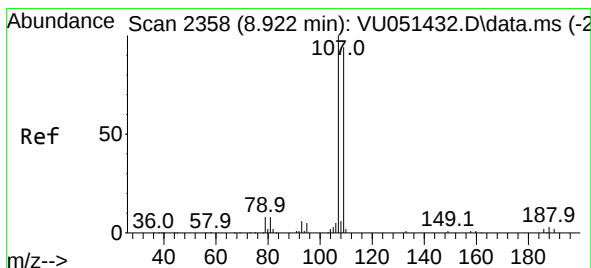
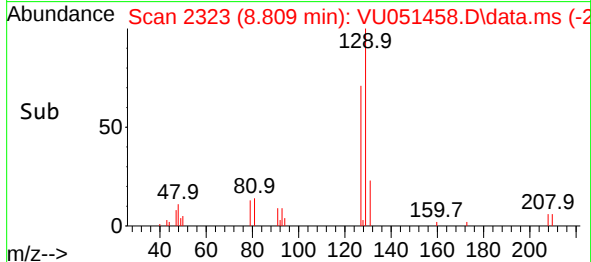
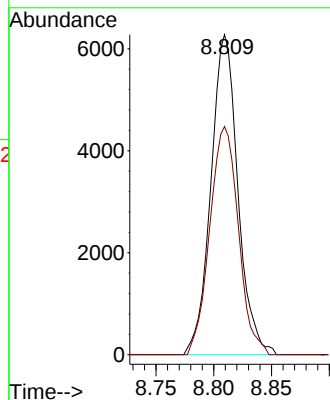
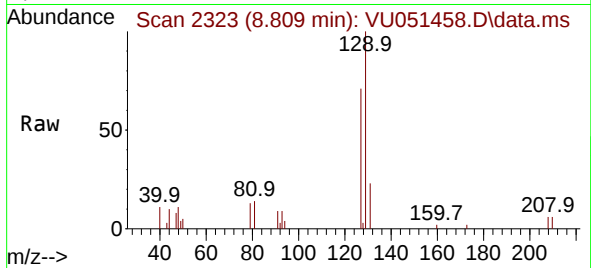
#55
Dibromochloromethane
Concen: 0.742 ug/l
RT: 8.809 min Scan# 2323
Delta R.T. -0.000 min
Lab File: VU051458.D
Acq: 19 Oct 2022 15:16

Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT3-2022

Tgt Ion:129 Resp: 1021
Ion Ratio Lower Upper
129 100
127 75.5 62.1 93.1

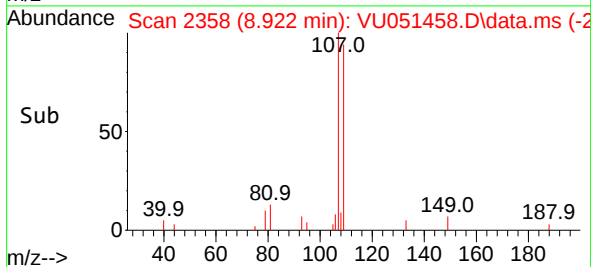
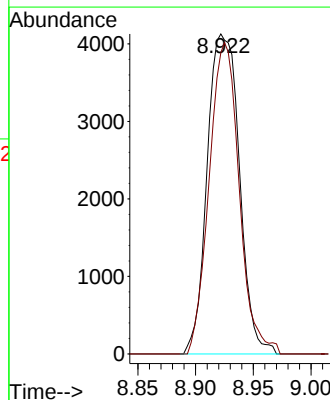
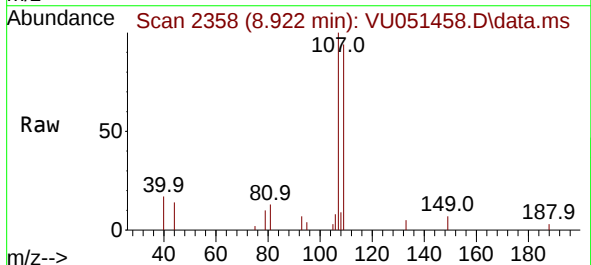
Manual Integrations
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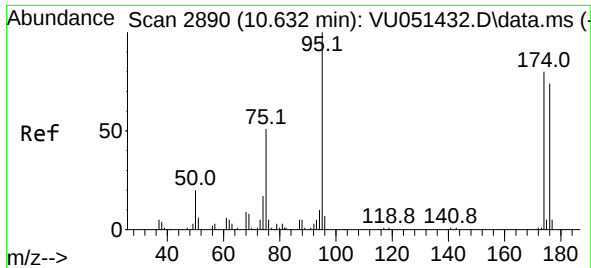
Reviewed By :Krupa Patel 10/20/2022
Supervised By :Mahesh Dadoda 10/25/2022



#56
1,2-Dibromoethane
Concen: 0.719 ug/l
RT: 8.922 min Scan# 2358
Delta R.T. 0.000 min
Lab File: VU051458.D
Acq: 19 Oct 2022 15:16

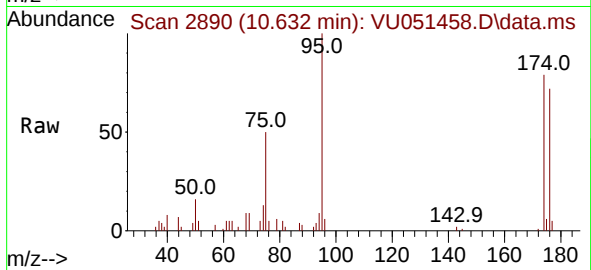
Tgt Ion:107 Resp: 7994
Ion Ratio Lower Upper
107 100
109 90.8 0.0 190.6





#57
4-Bromofluorobenzene
Concen: 0.844 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.000 min
Lab File: VU051458.D
Acq: 19 Oct 2022 15:16

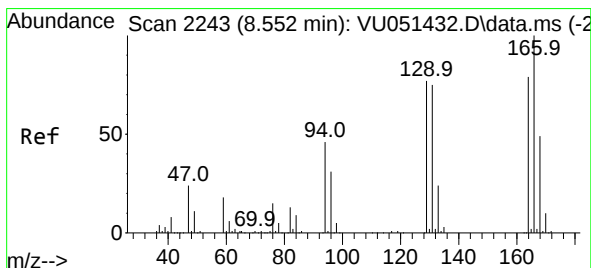
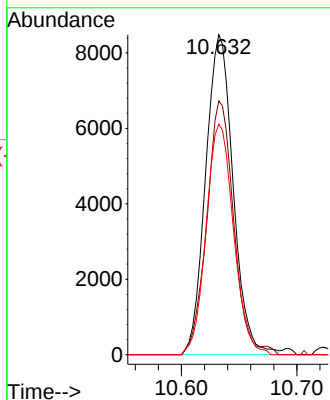
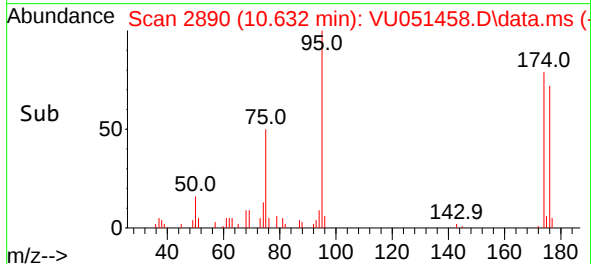
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT3-2022



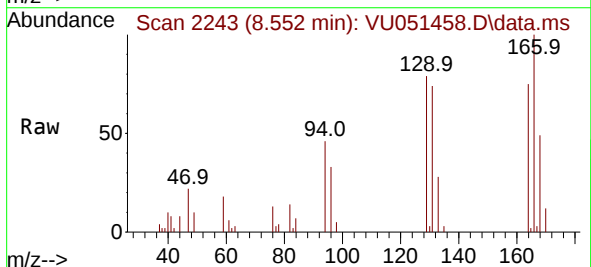
Tgt Ion: 95 Resp: 1402
Ion Ratio Lower Upper
95 100
174 76.6 63.0 94.6
176 72.2 59.8 89.6

Manual Integrations
APPROVED

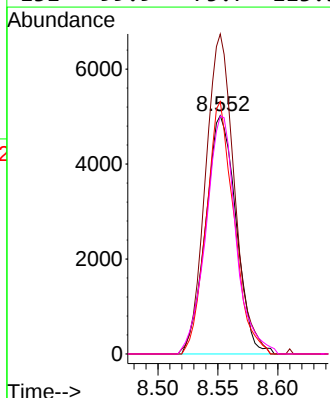
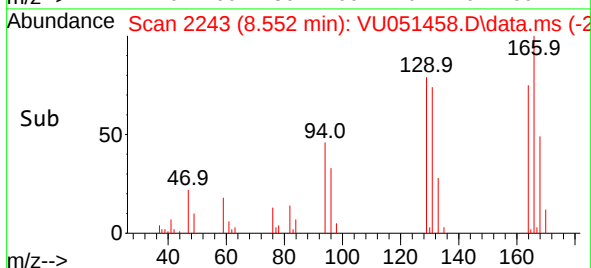
Reviewed By :Krupa Patel 10/20/2022
Supervised By :Mahesh Dadoda 10/25/2022

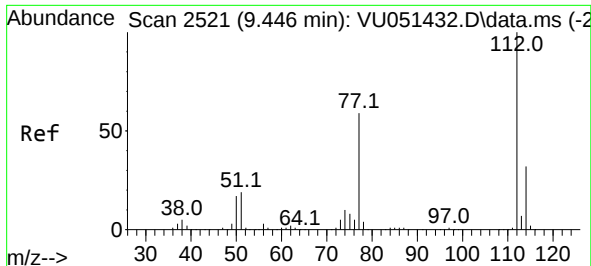


#58
Tetrachloroethene
Concen: 0.694 ug/l
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU051458.D
Acq: 19 Oct 2022 15:16



Tgt Ion:164 Resp: 8839
Ion Ratio Lower Upper
164 100
166 134.2 100.9 151.3
129 105.8 77.5 116.3
131 99.9 75.7 113.5





#59

Chlorobenzene

Concen: 0.625 ug/l

RT: 9.446 min Scan# 2521

Delta R.T. -0.000 min

Lab File: VU051458.D

Acq: 19 Oct 2022 15:16

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT3-2022

Tgt Ion:112 Resp: 2341

Ion Ratio Lower Upper

112 100

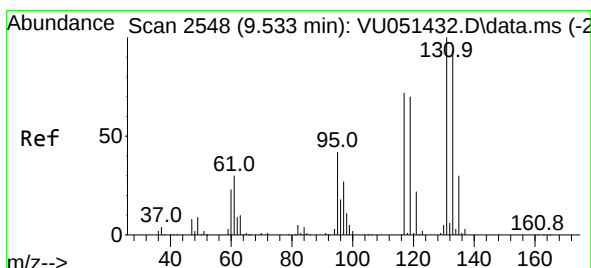
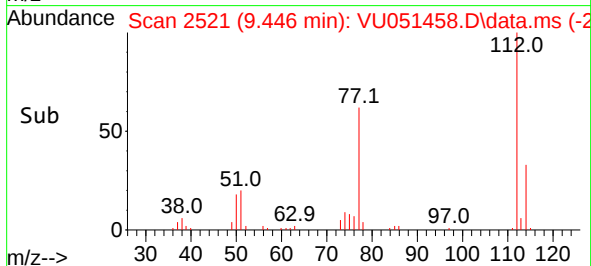
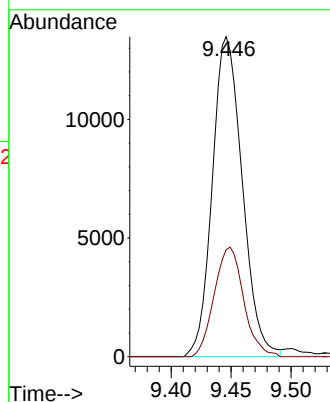
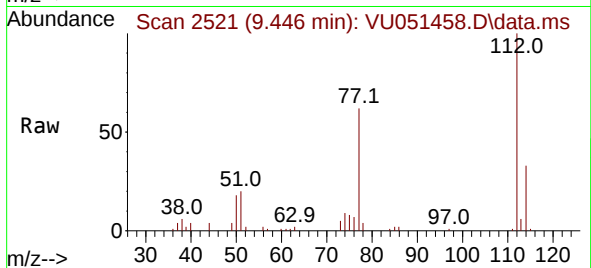
114 33.5 25.8 38.6

Manual Integrations

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Reviewed By :Krupa Patel 10/20/2022

Supervised By :Mahesh Dadoda 10/25/2022



#60

1,1,1,2-Tetrachloroethane

Concen: 0.747 ug/l

RT: 9.533 min Scan# 2548

Delta R.T. 0.000 min

Lab File: VU051458.D

Acq: 19 Oct 2022 15:16

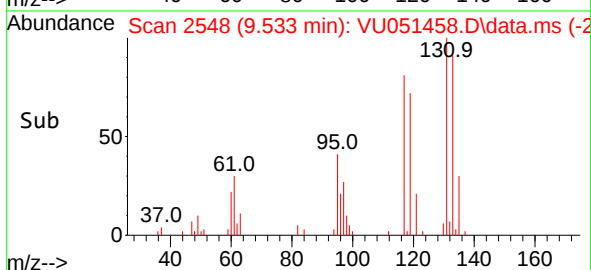
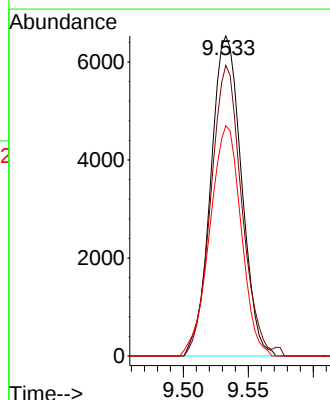
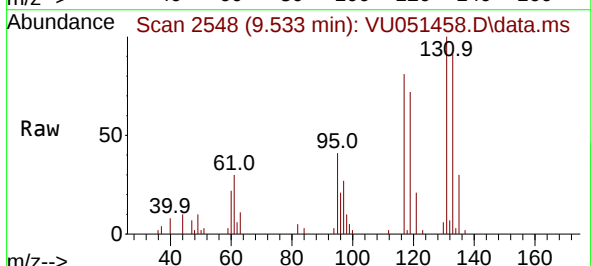
Tgt Ion:131 Resp: 10725

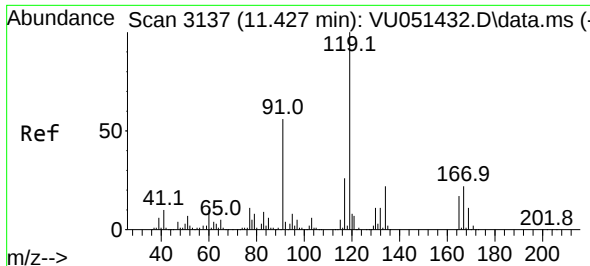
Ion Ratio Lower Upper

131 100

133 91.2 76.5 114.7

119 73.4 56.5 84.7





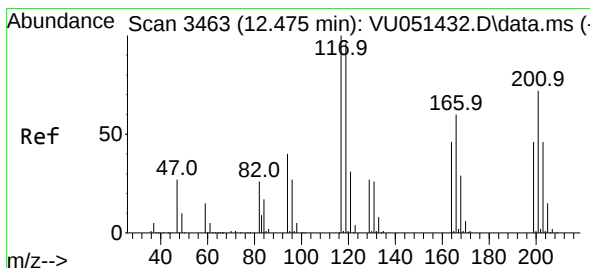
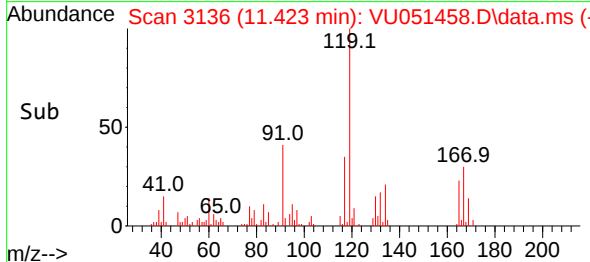
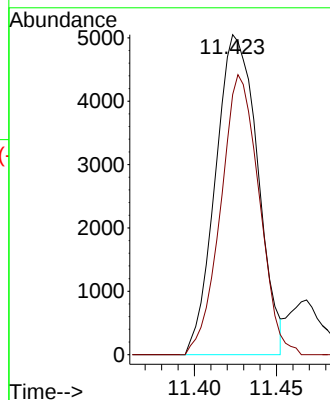
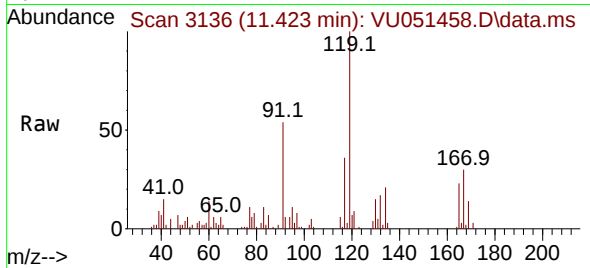
#61
Pentachloroethane
Concen: 0.703 ug/l
RT: 11.423 min Scan# 3137
Delta R.T. -0.004 min
Lab File: VU051458.D
Acq: 19 Oct 2022 15:16

Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022

Tgt Ion:117 Resp: 8998
Ion Ratio Lower Upper
117 100
167 79.8 63.3 94.9

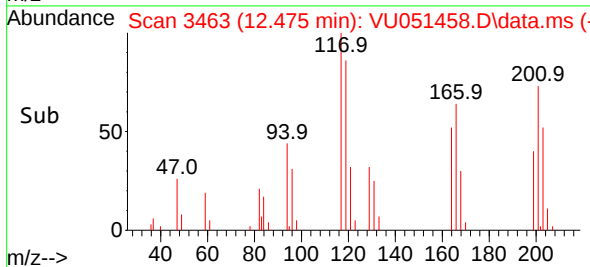
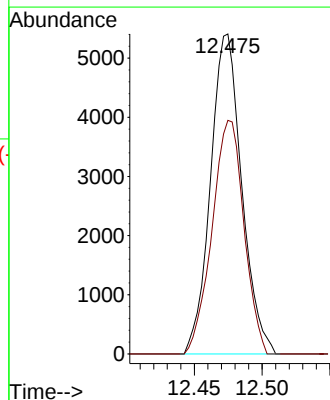
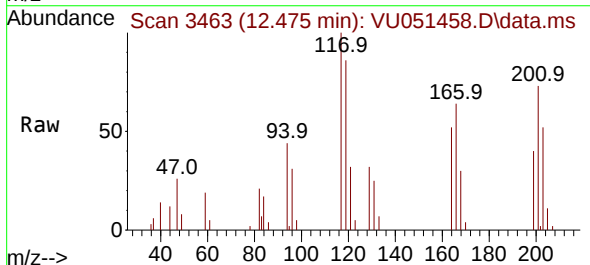
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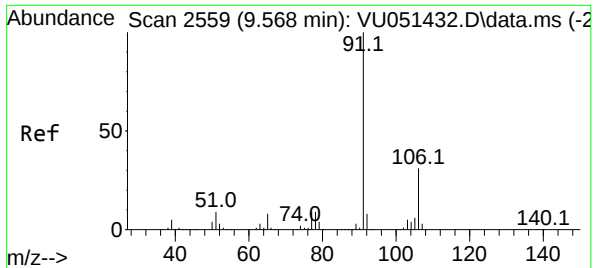
Reviewed By :Krupa Patel 10/20/2022
Supervised By :Mahesh Dadoda 10/25/2022



#62
Hexachloroethane
Concen: 0.714 ug/l
RT: 12.475 min Scan# 3463
Delta R.T. -0.000 min
Lab File: VU051458.D
Acq: 19 Oct 2022 15:16

Tgt Ion:117 Resp: 8673
Ion Ratio Lower Upper
117 100
201 74.3 57.4 86.2





#63

Ethyl Benzene

Concen: 0.536 ug/l

RT: 9.571 min Scan# 2560

Delta R.T. 0.003 min

Lab File: VU051458.D

Acq: 19 Oct 2022 15:16

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT3-2022

Tgt Ion: 91 Resp: 3043

Ion Ratio Lower Upper

91 100

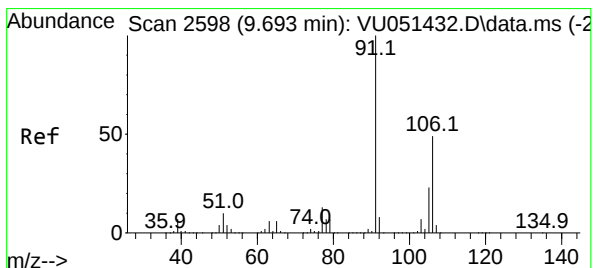
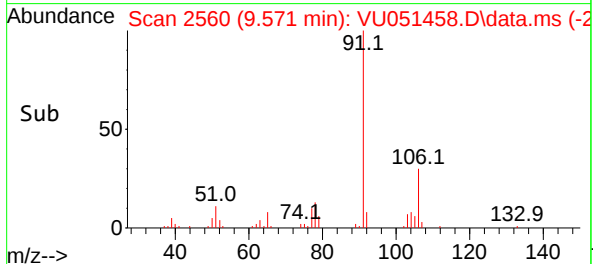
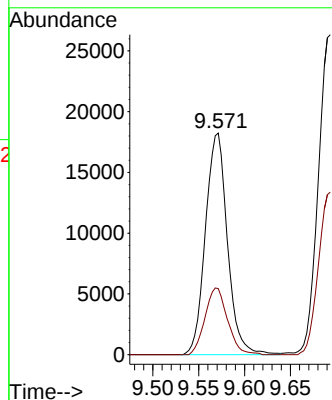
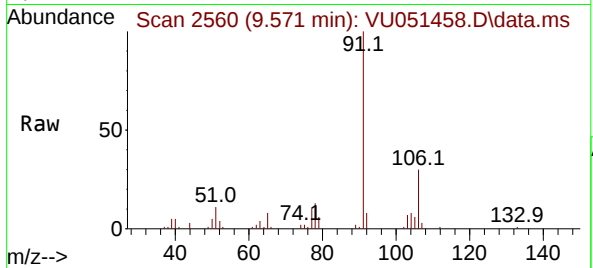
106 29.8 24.9 37.3

Manual Integrations

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Reviewed By :Krupa Patel 10/20/2022

Supervised By :Mahesh Dadoda 10/25/2022



#64

m/p-Xylenes

Concen: 1.006 ug/l

RT: 9.693 min Scan# 2598

Delta R.T. 0.000 min

Lab File: VU051458.D

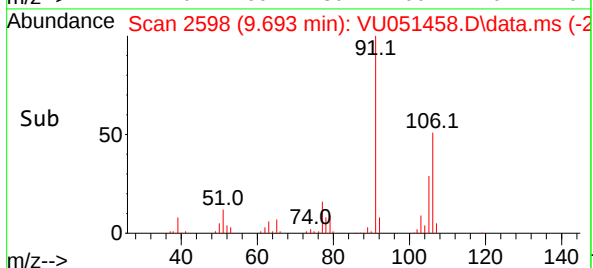
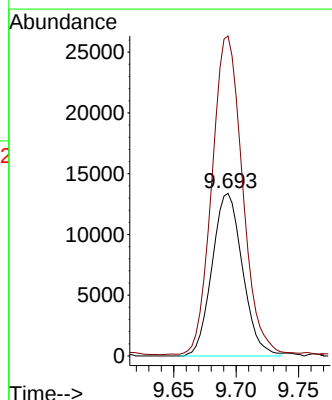
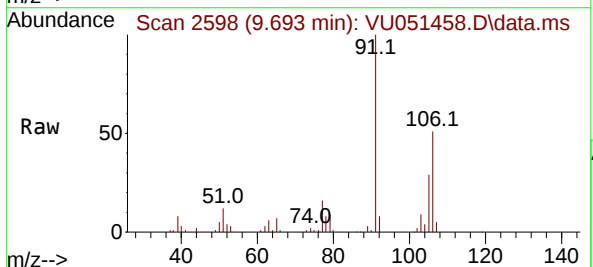
Acq: 19 Oct 2022 15:16

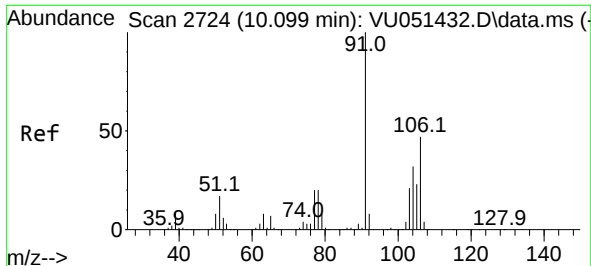
Tgt Ion:106 Resp: 22781

Ion Ratio Lower Upper

106 100

91 197.1 163.2 244.8





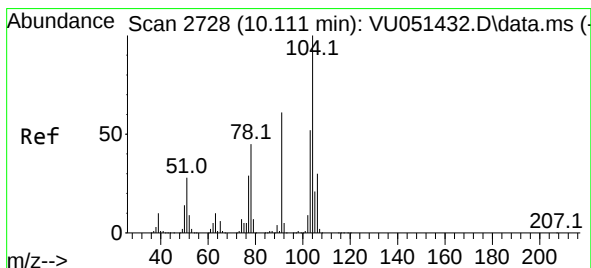
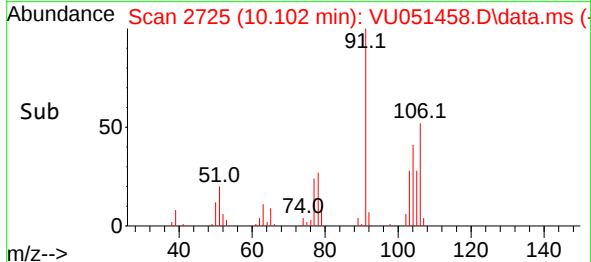
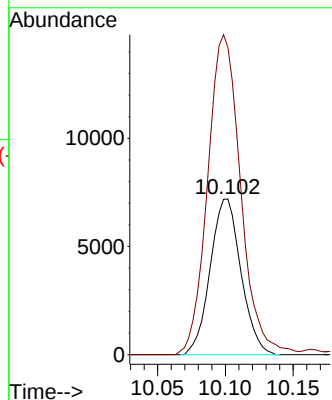
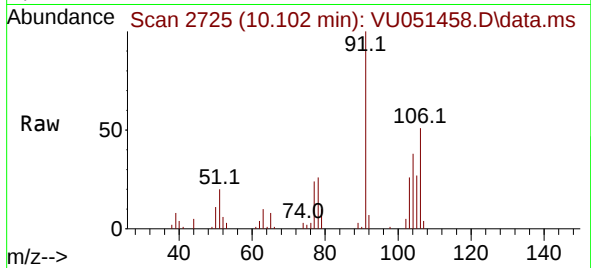
#65
o-Xylene
Concen: 0.515 ug/l
RT: 10.102 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU051458.D
Acq: 19 Oct 2022 15:16

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022

Tgt Ion:106 Resp: 1135
Ion Ratio Lower Upper
106 100
91 220.9 107.1 321.3

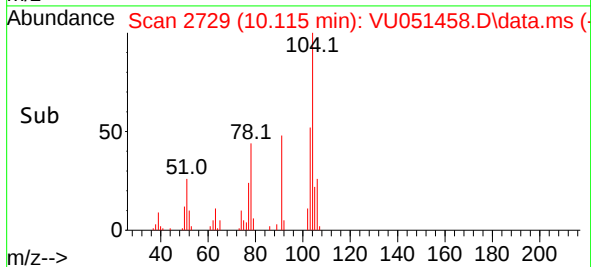
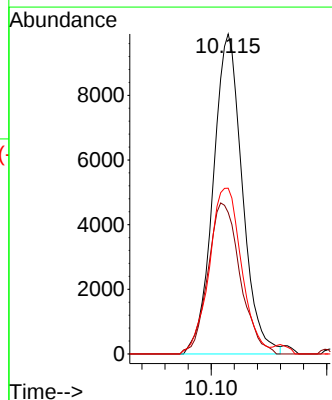
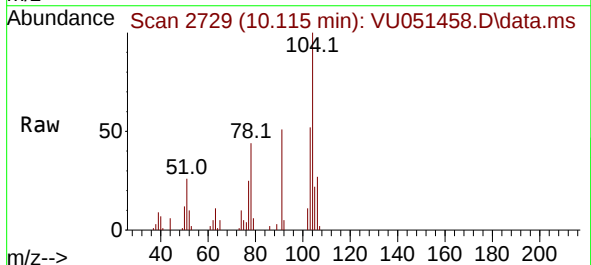
Manual Integrations
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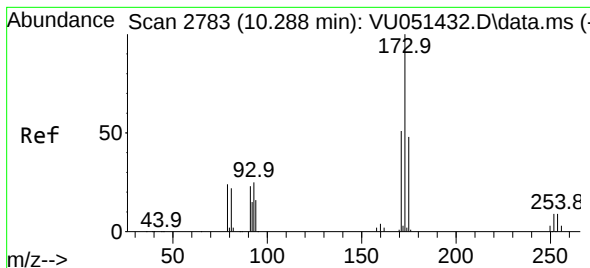
Reviewed By :Krupa Patel 10/20/2022
Supervised By :Mahesh Dadoda 10/25/2022



#66
Styrene
Concen: 0.474 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. 0.004 min
Lab File: VU051458.D
Acq: 19 Oct 2022 15:16

Tgt Ion:104 Resp: 17332
Ion Ratio Lower Upper
104 100
78 51.9 39.7 59.5
103 57.2 44.4 66.6





#67

Bromoform

Concen: 0.703 ug/l

RT: 10.288 min Scan# 2783

Delta R.T. 0.000 min

Lab File: VU051458.D

Acq: 19 Oct 2022 15:16

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT3-2022

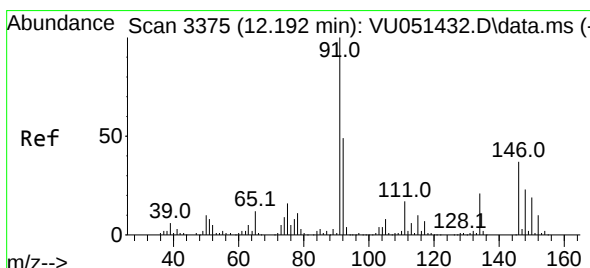
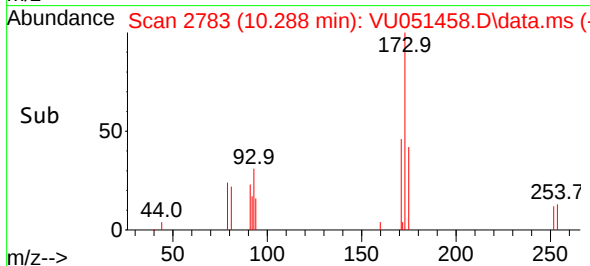
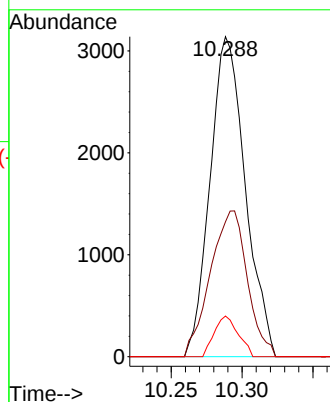
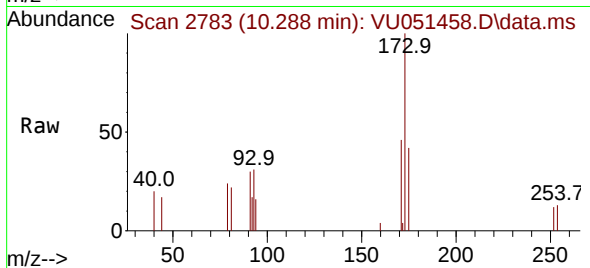
Tgt Ion:173	Resp:	542
Ion Ratio	Lower	Upper
173	100	
175	47.8	38.6 58.0
254	8.6	7.3 10.9

Manual Integrations

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Reviewed By :Krupa Patel 10/20/2022

Supervised By :Mahesh Dadoda 10/25/2022



#68

1,2-Dichlorobenzene-d4

Concen: 0.897 ug/l

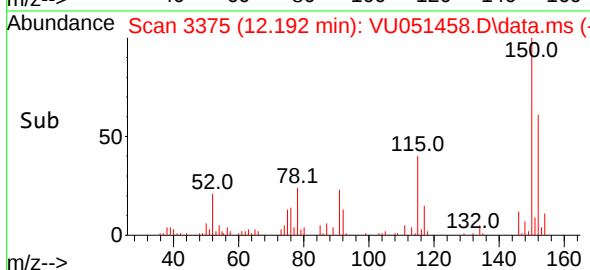
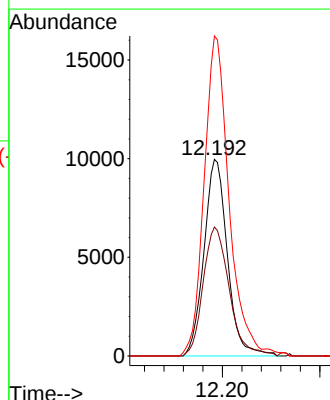
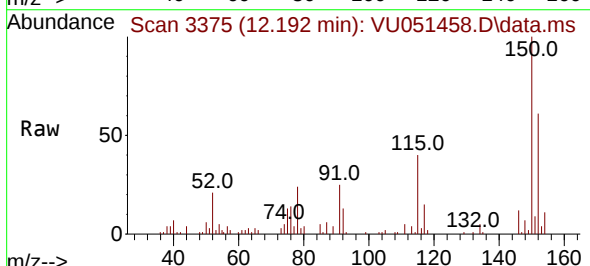
RT: 12.192 min Scan# 3375

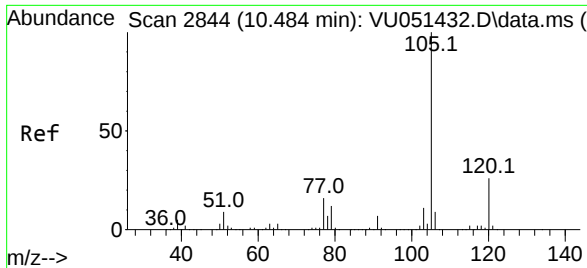
Delta R.T. -0.000 min

Lab File: VU051458.D

Acq: 19 Oct 2022 15:16

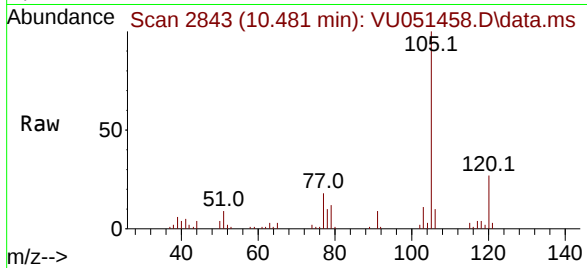
Tgt Ion:152	Resp:	16643
Ion Ratio	Lower	Upper
152	100	
115	73.0	0.0 333.0
150	173.5	0.0 662.0





#69
Isopropylbenzene
Concen: 0.521 ug/l
RT: 10.481 min Scan# 2843
Delta R.T. -0.003 min
Lab File: VU051458.D
Acq: 19 Oct 2022 15:16

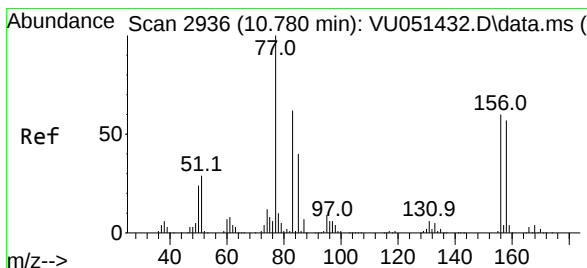
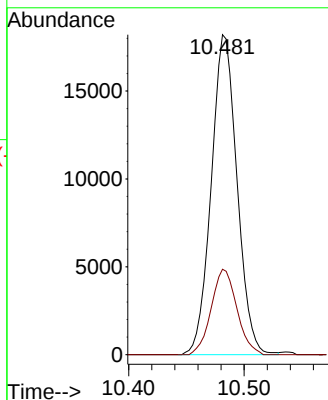
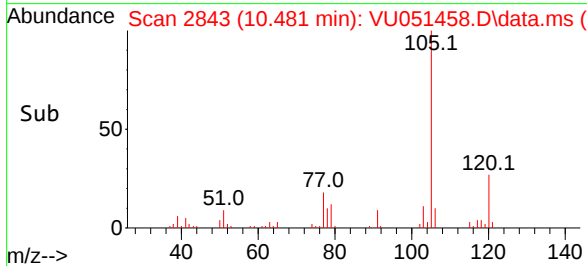
Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022



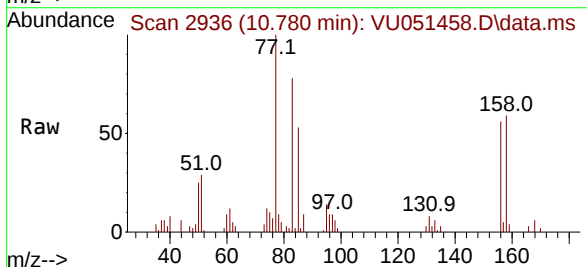
Tgt Ion:105 Resp: 2827
Ion Ratio Lower Upper
105 100
120 26.5 13.0 39.0

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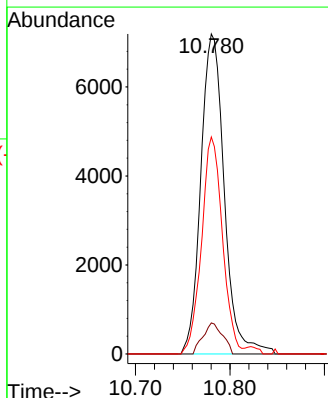
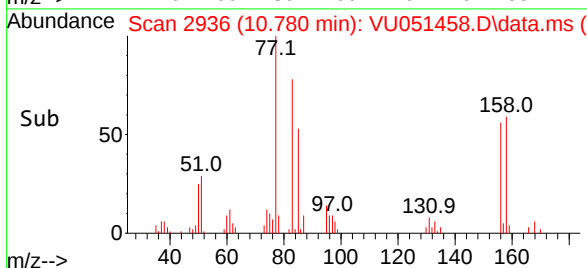
Reviewed By :Krupa Patel 10/20/2022
Supervised By :Mahesh Dadoda 10/25/2022

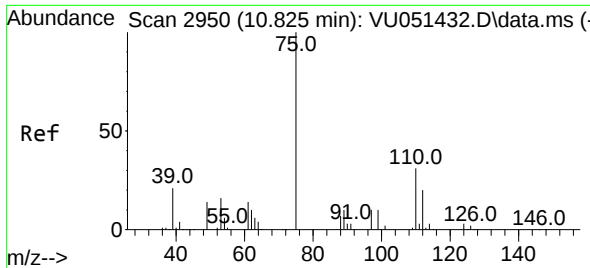


#70
1,1,2,2-Tetrachloroethane
Concen: 0.724 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. -0.000 min
Lab File: VU051458.D
Acq: 19 Oct 2022 15:16



Tgt Ion: 83 Resp: 12382
Ion Ratio Lower Upper
83 100
131 8.1 7.2 10.8
85 60.6 51.4 77.2





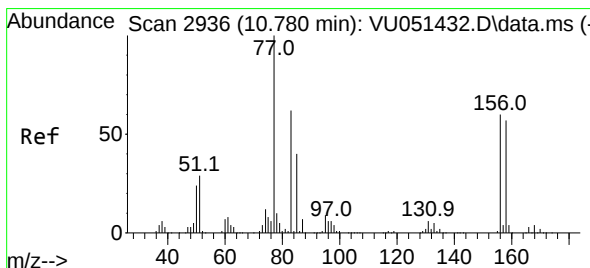
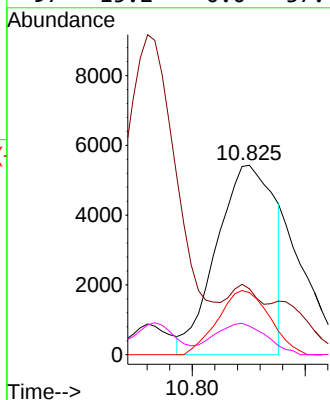
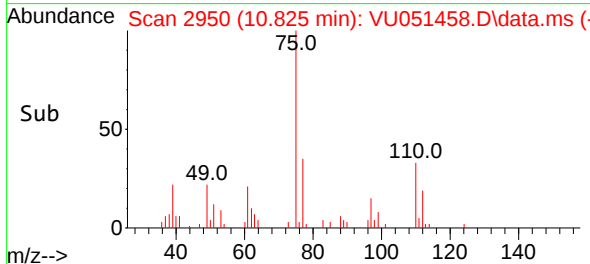
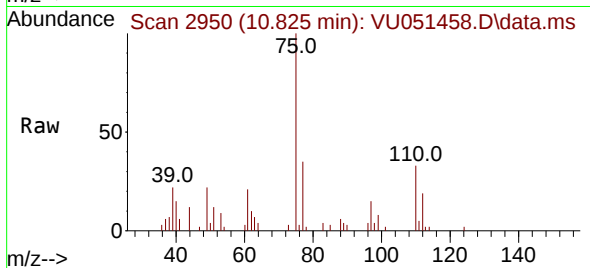
#71
1,2,3-Trichloropropane
Concen: 0.755 ug/l m
RT: 10.825 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU051458.D
Acq: 19 Oct 2022 15:16

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022

Tgt Ion:	75	Resp:	9600
Ion Ratio	Lower	Upper	
75	100		
77	5.9	0.0	111.0
110	30.5	0.0	70.2
97	15.2	0.0	37.4

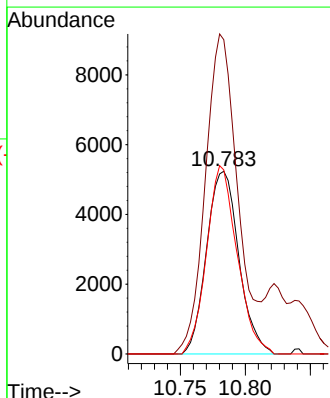
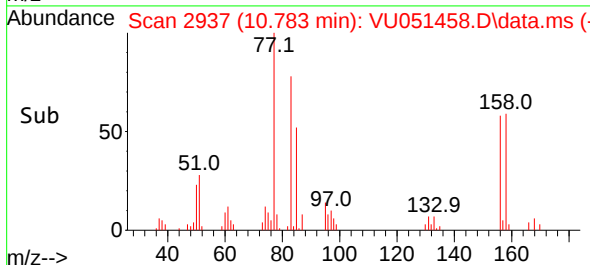
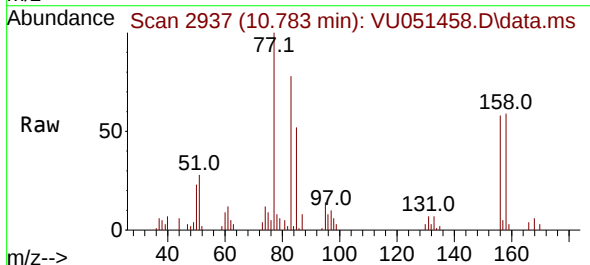
Manual Integrations
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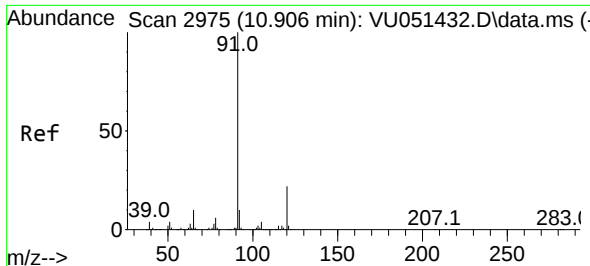
Reviewed By :Krupa Patel 10/20/2022
Supervised By :Mahesh Dadoda 10/25/2022



#72
Bromobenzene
Concen: 0.607 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. 0.003 min
Lab File: VU051458.D
Acq: 19 Oct 2022 15:16

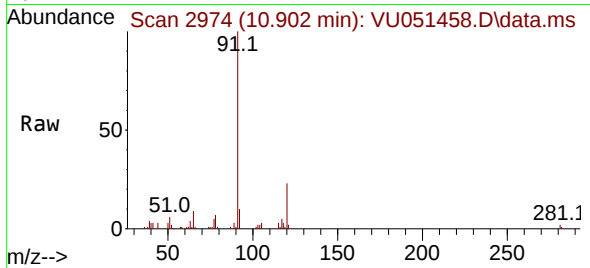
Tgt Ion:	156	Resp:	9050
Ion Ratio	Lower	Upper	
156	100		
77	175.5	0.0	343.4
158	97.5	0.0	195.6





#73
n-propylbenzene
Concen: 0.481 ug/l
RT: 10.902 min Scan# 2975
Delta R.T. -0.004 min
Lab File: VU051458.D
Acq: 19 Oct 2022 15:16

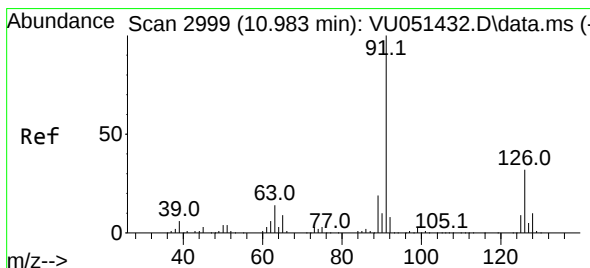
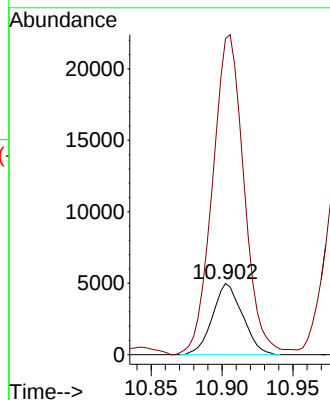
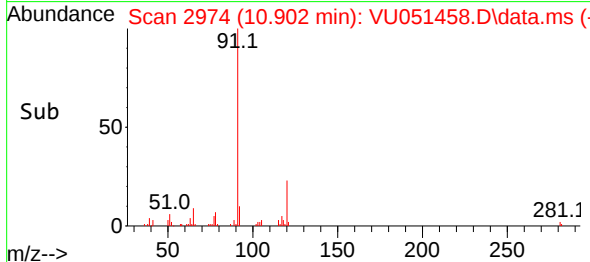
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022



Tgt Ion:120 Resp: 7332
Ion Ratio Lower Upper
120 100
91 473.9 362.3 543.5

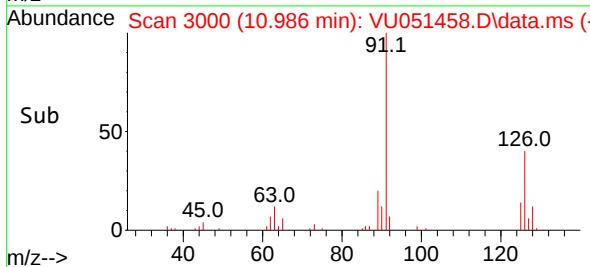
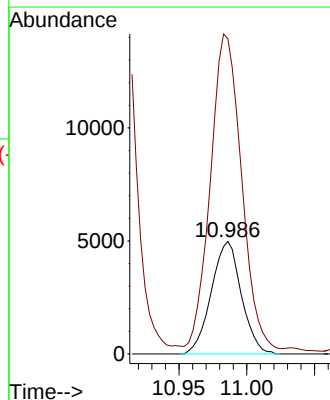
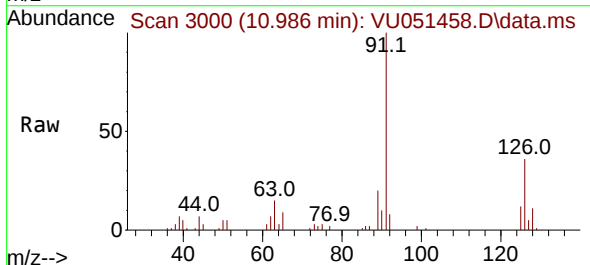
Manual Integrations
APPROVED

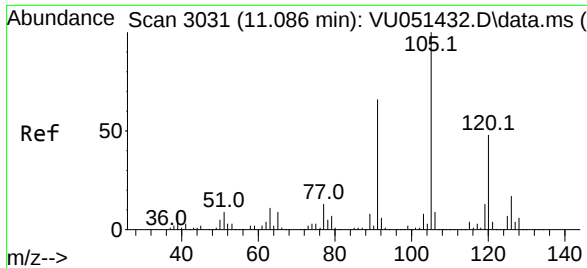
Reviewed By :Krupa Patel 10/20/2022
Supervised By :Mahesh Dadoda 10/25/2022



#74
2-Chlorotoluene
Concen: 0.528 ug/l
RT: 10.986 min Scan# 3000
Delta R.T. 0.003 min
Lab File: VU051458.D
Acq: 19 Oct 2022 15:16

Tgt Ion:126 Resp: 7656
Ion Ratio Lower Upper
126 100
91 289.5 0.0 623.2





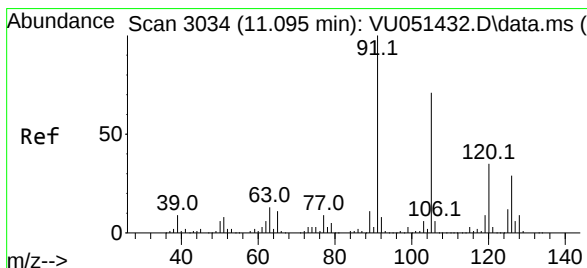
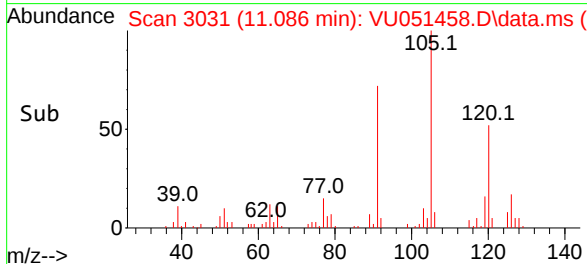
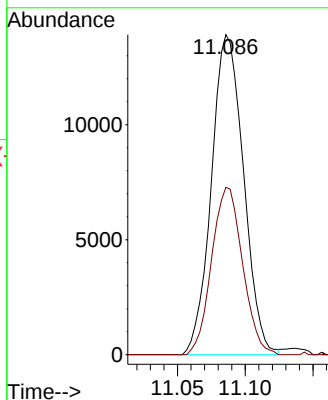
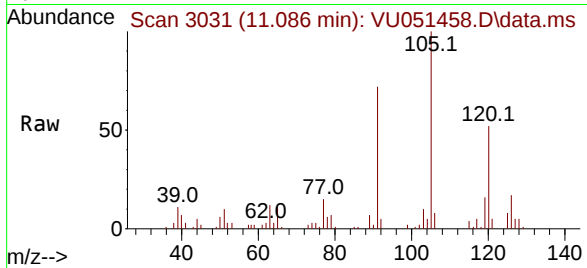
#75
1,3,5-Trimethylbenzene
Concen: 0.467 ug/l
RT: 11.086 min Scan# 3031
Delta R.T. -0.000 min
Lab File: VU051458.D
Acq: 19 Oct 2022 15:16

Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022

Tgt Ion:105 Resp: 2295
Ion Ratio Lower Upper
105 100
120 50.3 38.2 57.4

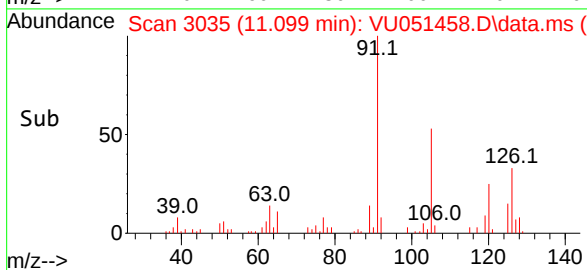
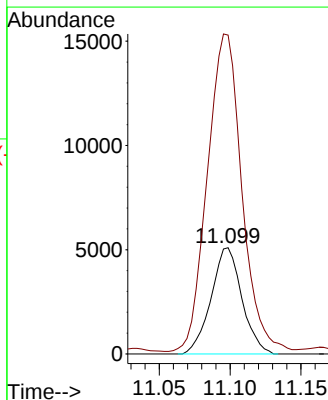
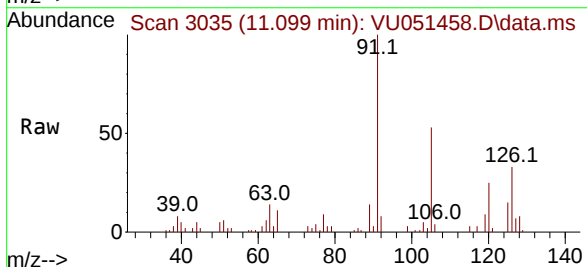
Manual Integrations
APPROVED

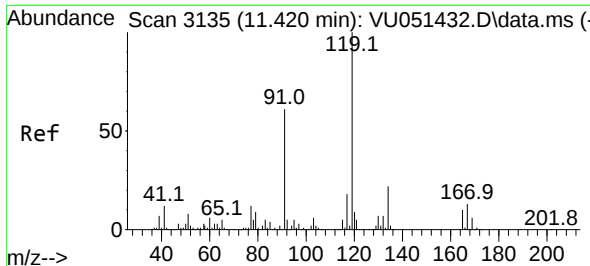
Reviewed By :Krupa Patel 10/20/2022
Supervised By :Mahesh Dadoda 10/25/2022



#76
4-Chlorotoluene
Concen: 0.520 ug/l
RT: 11.099 min Scan# 3035
Delta R.T. 0.004 min
Lab File: VU051458.D
Acq: 19 Oct 2022 15:16

Tgt Ion:126 Resp: 7711
Ion Ratio Lower Upper
126 100
91 333.3 0.0 717.6





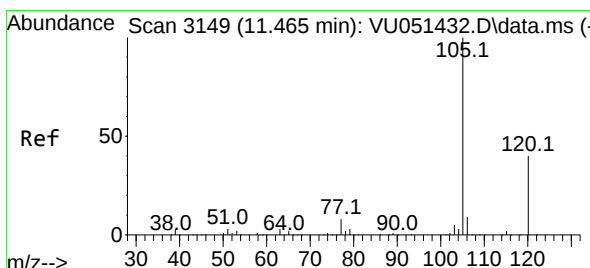
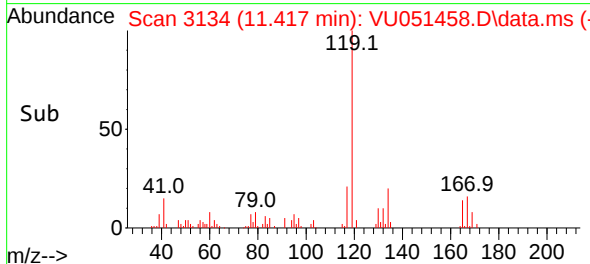
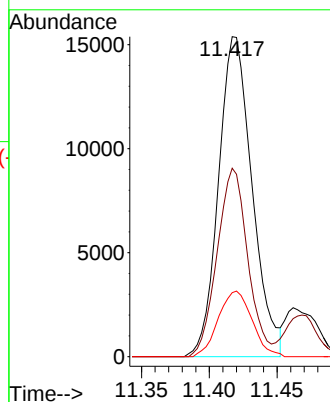
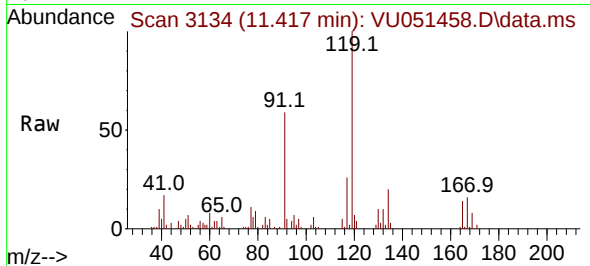
#77
tert-Butylbenzene
Concen: 0.553 ug/l
RT: 11.417 min Scan# 3135
Delta R.T. -0.003 min
Lab File: VU051458.D
Acq: 19 Oct 2022 15:16

Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022

Tgt Ion:119 Resp: 2656
Ion Ratio Lower Upper
119 100
91 53.5 29.8 89.5
134 20.5 17.9 26.9

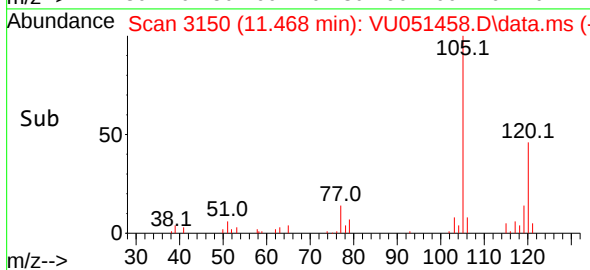
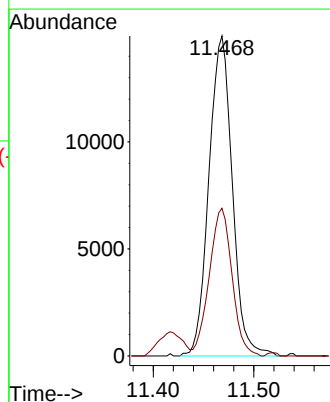
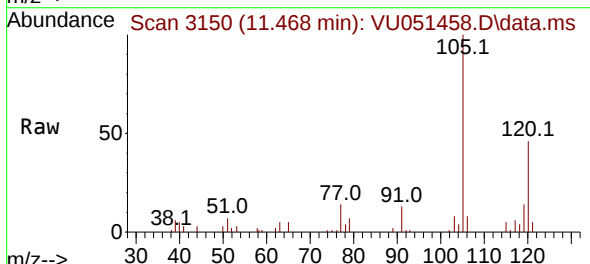
Manual Integrations
APPROVED

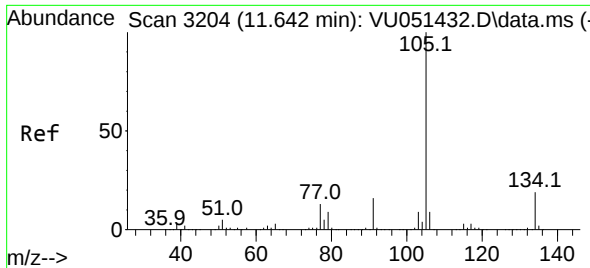
Reviewed By :Krupa Patel 10/20/2022
Supervised By :Mahesh Dadoda 10/25/2022



#78
1,2,4-Trimethylbenzene
Concen: 0.473 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.003 min
Lab File: VU051458.D
Acq: 19 Oct 2022 15:16

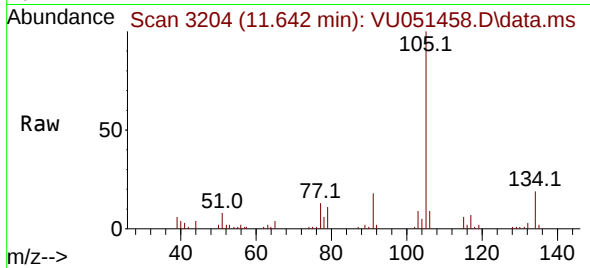
Tgt Ion:105 Resp: 24181
Ion Ratio Lower Upper
105 100
120 44.8 22.1 66.3





#79
 sec-Butylbenzene
 Concen: 0.473 ug/l
 RT: 11.642 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU051458.D
 Acq: 19 Oct 2022 15:16

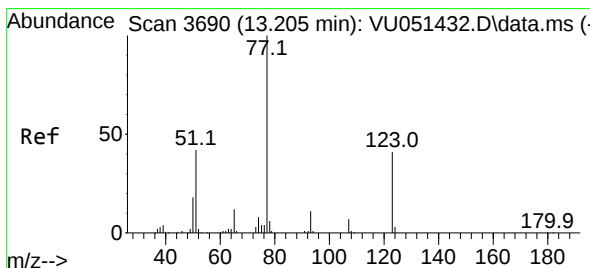
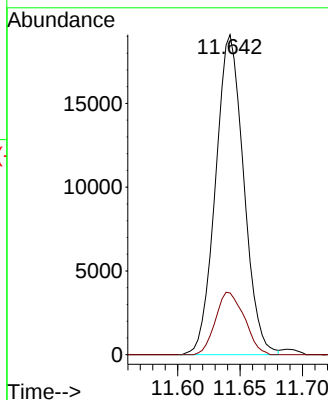
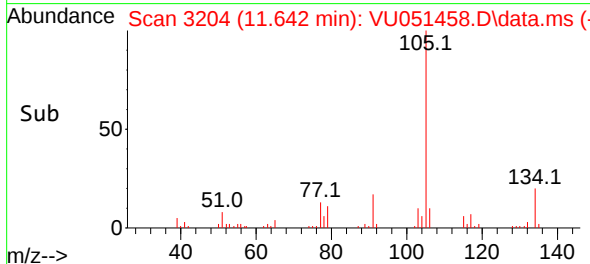
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT3-2022



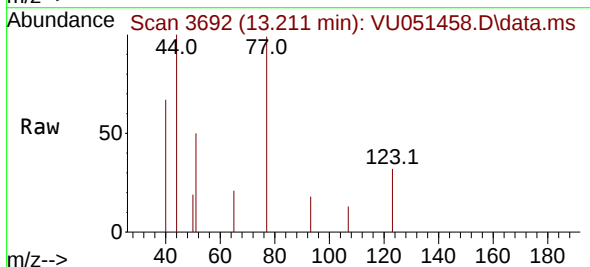
Tgt Ion:105 Resp: 3005
 Ion Ratio Lower Upper
 105 100
 134 19.9 15.2 22.8

Manual Integrations
 APPROVED

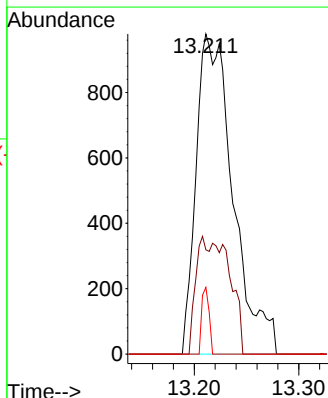
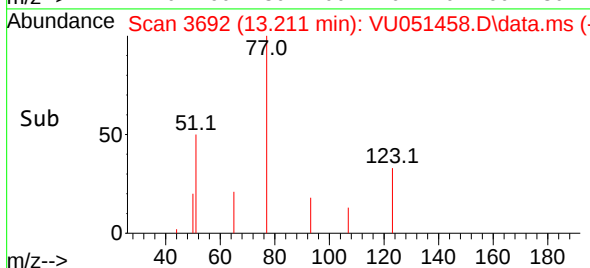
Reviewed By :Krupa Patel 10/20/2022
 Supervised By :Mahesh Dadoda 10/25/2022

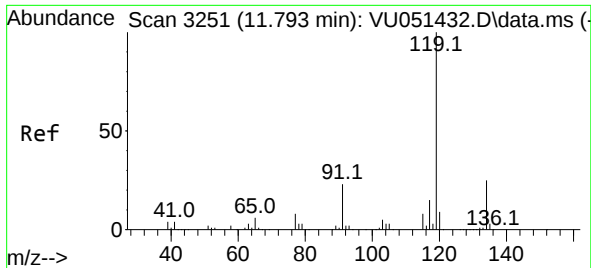


#80
 Nitrobenzene
 Concen: 2.826 ug/l m
 RT: 13.211 min Scan# 3692
 Delta R.T. 0.006 min
 Lab File: VU051458.D
 Acq: 19 Oct 2022 15:16



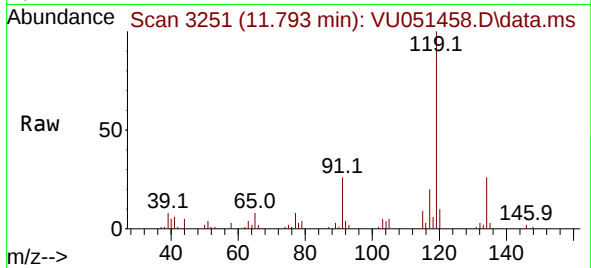
Tgt Ion: 77 Resp: 2394
 Ion Ratio Lower Upper
 77 100
 123 13.7 17.5 62.1#
 65 4.1 11.1 14.1#





#81
p-Isopropyltoluene
Concen: 0.461 ug/l
RT: 11.793 min Scan# 3251
Delta R.T. 0.000 min
Lab File: VU051458.D
Acq: 19 Oct 2022 15:16

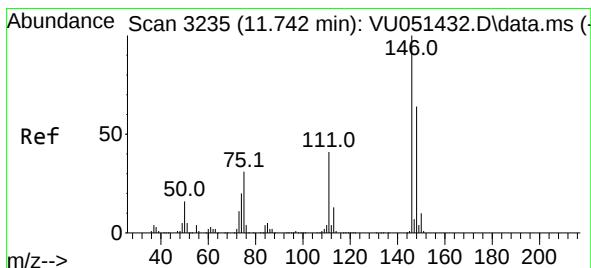
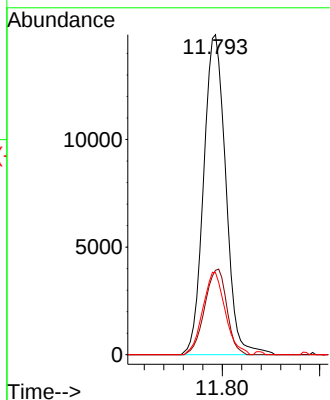
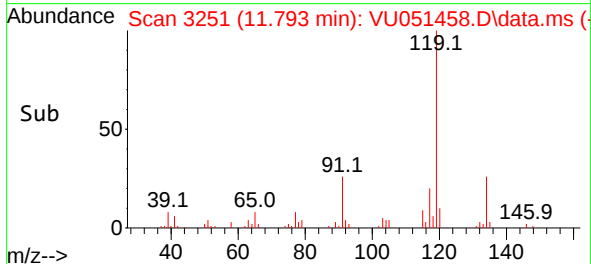
Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022



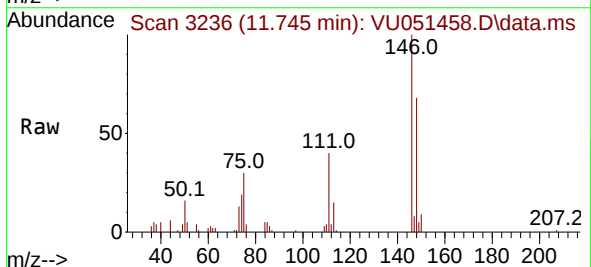
Tgt Ion:119 Resp: 23438
Ion Ratio Lower Upper
119 100
134 26.6 20.3 30.5
91 26.1 18.6 27.8

Manual Integrations
APPROVED

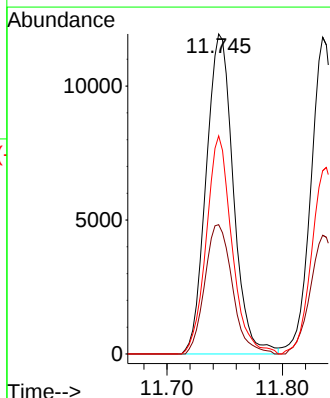
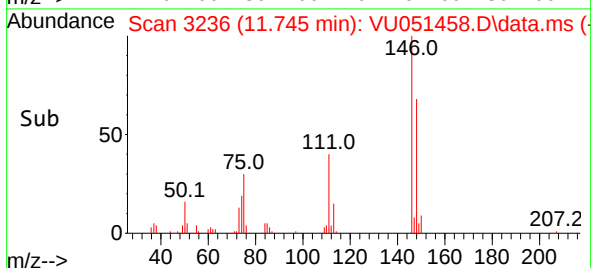
Reviewed By :Krupa Patel 10/20/2022
Supervised By :Mahesh Dadoda 10/25/2022

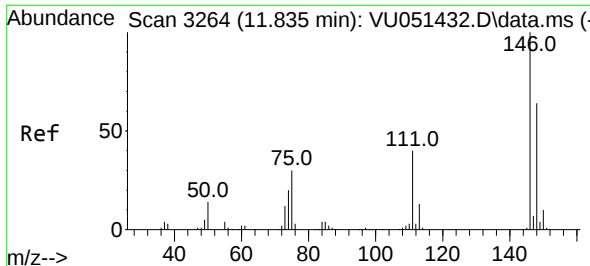


#82
1,3-Dichlorobenzene
Concen: 0.611 ug/l
RT: 11.745 min Scan# 3236
Delta R.T. 0.003 min
Lab File: VU051458.D
Acq: 19 Oct 2022 15:16



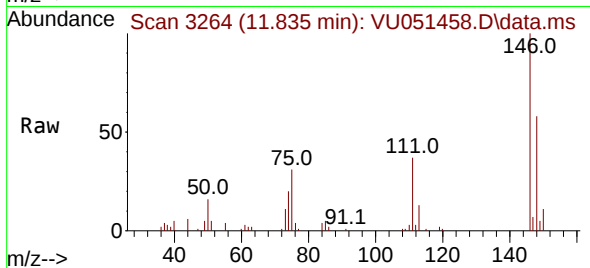
Tgt Ion:146 Resp: 19545
Ion Ratio Lower Upper
146 100
111 41.0 33.4 50.0
148 64.2 51.0 76.6





#83
1,4-Dichlorobenzene
Concen: 0.603 ug/l
RT: 11.835 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU051458.D
Acq: 19 Oct 2022 15:16

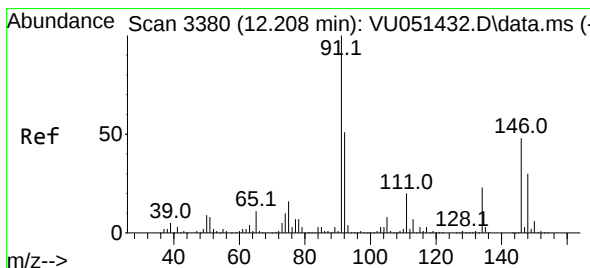
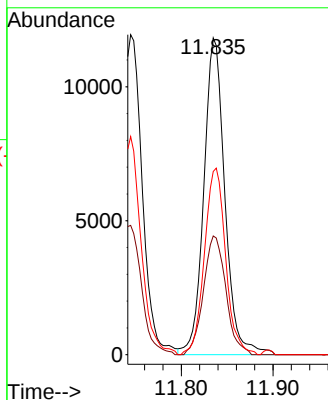
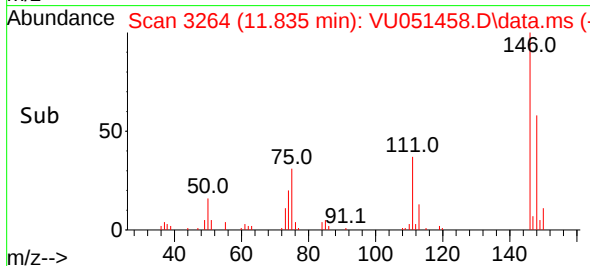
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022



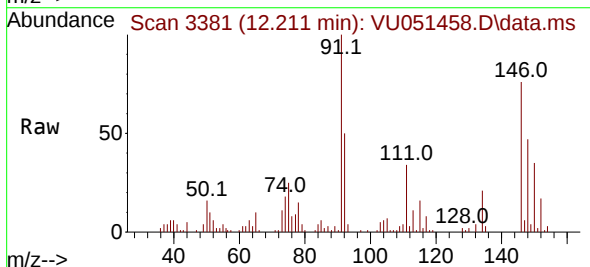
Tgt Ion:146 Resp: 18904
Ion Ratio Lower Upper
146 100
111 39.9 31.6 47.4
148 59.2 50.5 75.7

Manual Integrations
APPROVED

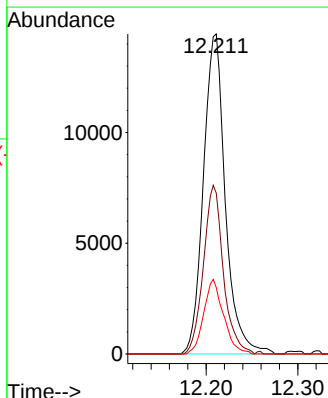
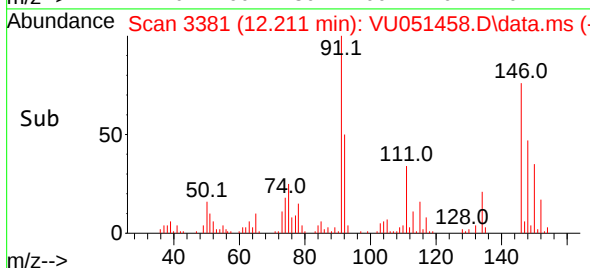
Reviewed By :Krupa Patel 10/20/2022
Supervised By :Mahesh Dadoda 10/25/2022

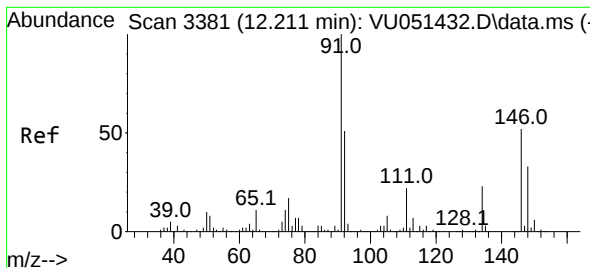


#84
n-Butylbenzene
Concen: 0.475 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.003 min
Lab File: VU051458.D
Acq: 19 Oct 2022 15:16



Tgt Ion: 91 Resp: 23961
Ion Ratio Lower Upper
91 100
92 48.0 40.6 61.0
134 21.0 18.3 27.5





#85

1,2-Dichlorobenzene

Concen: 0.602 ug/l

RT: 12.211 min Scan# 3381

Delta R.T. 0.000 min

Lab File: VU051458.D

Acq: 19 Oct 2022 15:16

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT3-2022

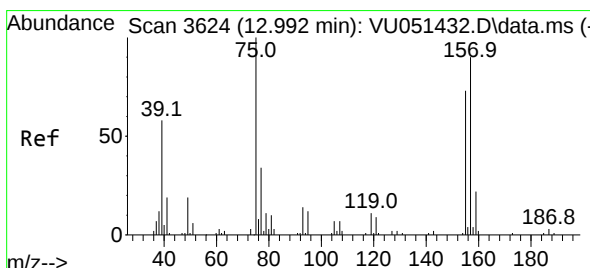
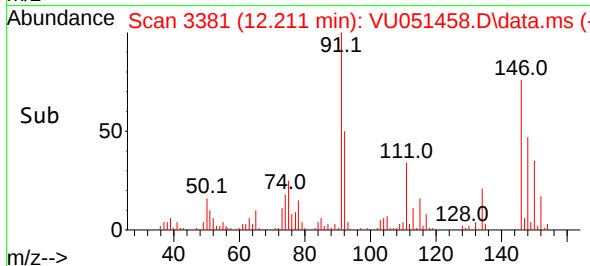
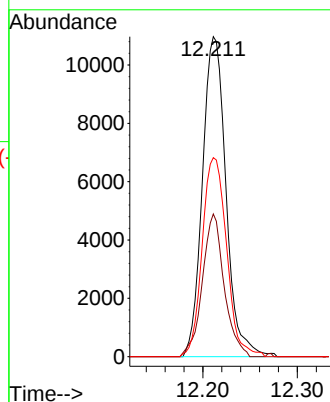
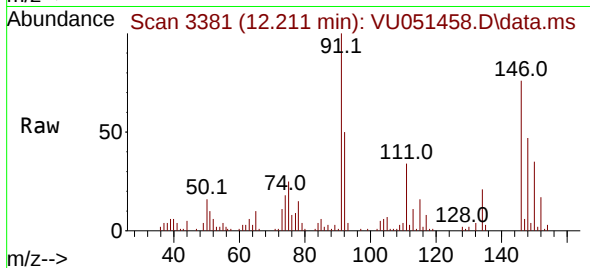
Tgt Ion:	146	Resp:	1899
Ion Ratio	Lower	Upper	
146	100		
111	41.2	21.3	63.9
148	64.5	31.8	95.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/20/2022

Supervised By :Mahesh Dadoda 10/25/2022



#86

1,2-Dibromo-3-Chloropropane

Concen: 0.714 ug/l

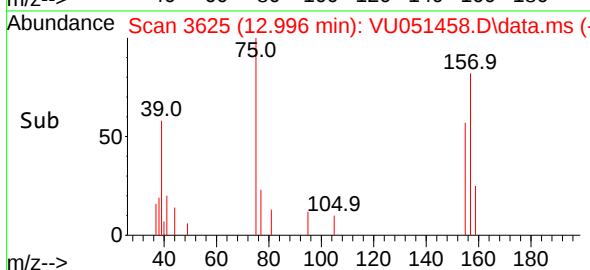
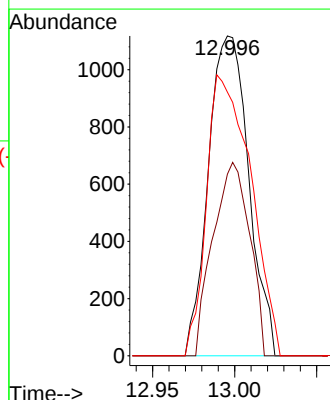
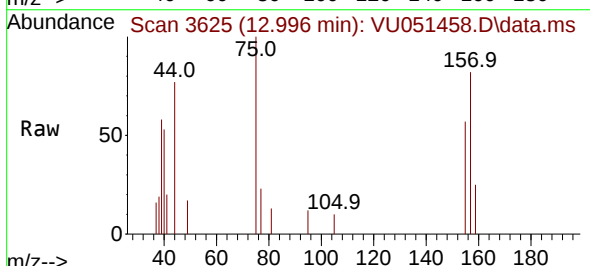
RT: 12.996 min Scan# 3625

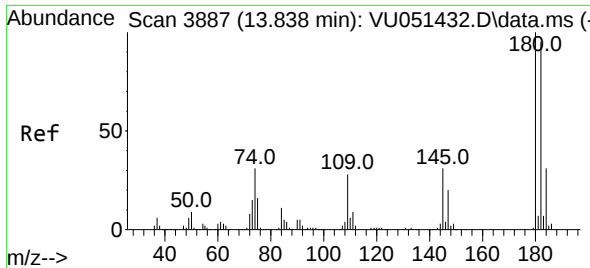
Delta R.T. 0.003 min

Lab File: VU051458.D

Acq: 19 Oct 2022 15:16

Tgt Ion:	75	Resp:	1911
Ion Ratio	Lower	Upper	
75	100		
155	54.9	58.5	87.7#
157	96.1	75.3	112.9





#87

1,2,4-Trichlorobenzene

Concen: 0.572 ug/l

RT: 13.841 min Scan# 3888

Delta R.T. 0.003 min

Lab File: VU051458.D

Acq: 19 Oct 2022 15:16

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT3-2022

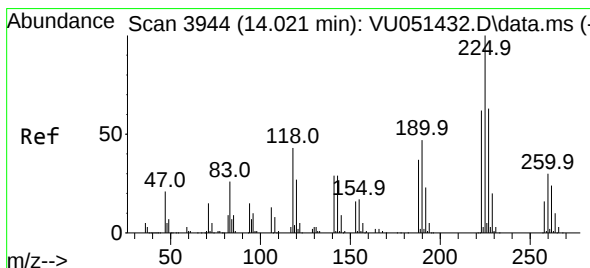
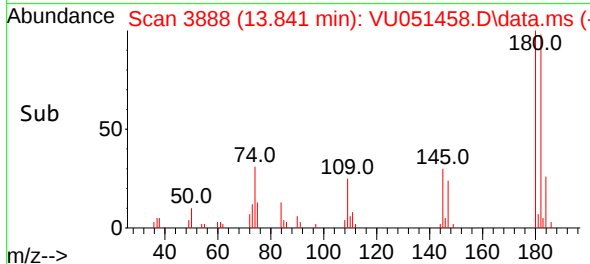
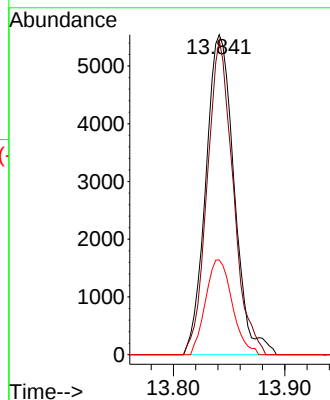
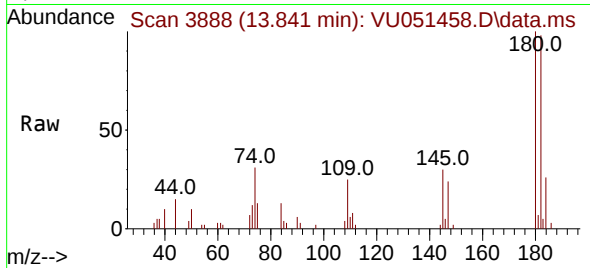
Tgt Ion:	180	Resp:	977
Ion Ratio	Lower	Upper	
180	100		
182	90.2	75.9	113.9
145	27.9	24.9	37.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/20/2022

Supervised By :Mahesh Dadoda 10/25/2022



#88

Hexachlorobutadiene

Concen: 0.687 ug/l

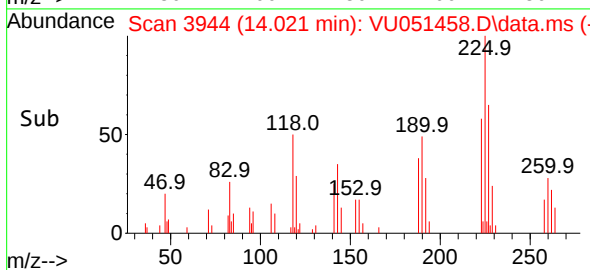
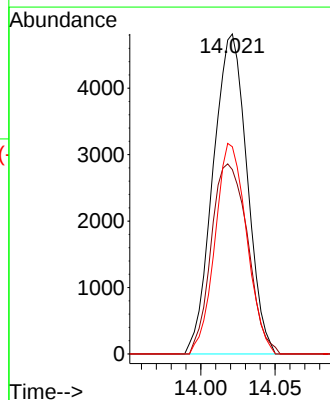
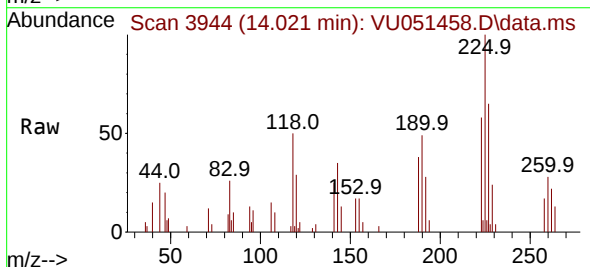
RT: 14.021 min Scan# 3944

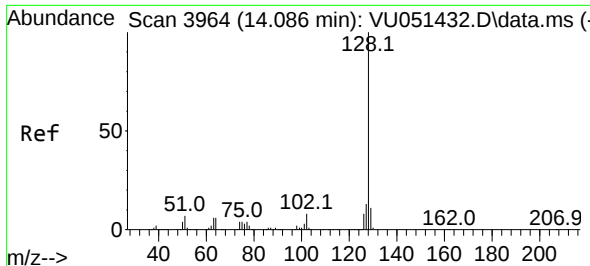
Delta R.T. 0.000 min

Lab File: VU051458.D

Acq: 19 Oct 2022 15:16

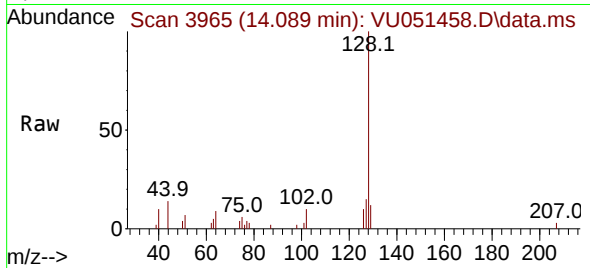
Tgt Ion:	225	Resp:	7649
Ion Ratio	Lower	Upper	
225	100		
223	63.7	50.1	75.1
227	61.4	51.4	77.2





#89
Naphthalene
Concen: 0.394 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. 0.003 min
Lab File: VU051458.D
Acq: 19 Oct 2022 15:16

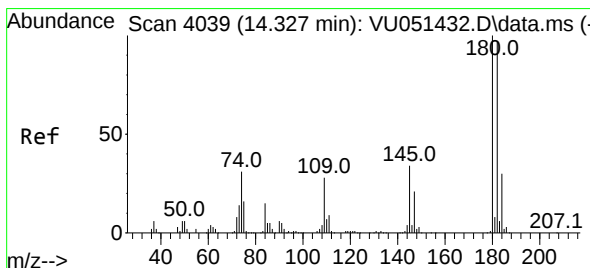
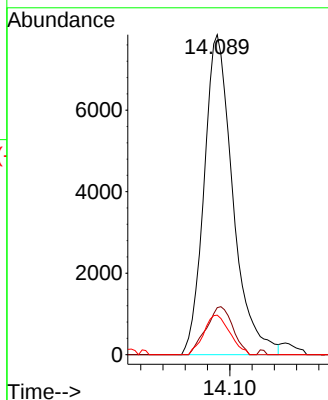
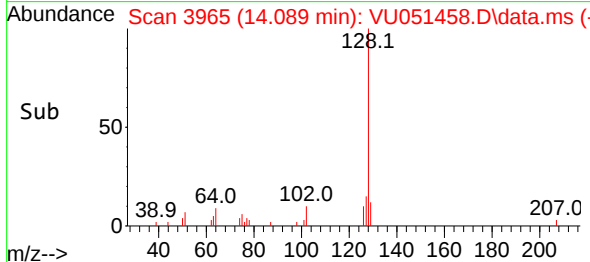
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022



Tgt Ion:128 Resp: 1408
Ion Ratio Lower Upper
128 100
127 13.8 10.7 16.1
129 11.1 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 10/20/2022
Supervised By :Mahesh Dadoda 10/25/2022



#90
1,2,3-Trichlorobenzene
Concen: 0.490 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. 0.003 min
Lab File: VU051458.D
Acq: 19 Oct 2022 15:16

Tgt Ion:180 Resp: 9162
Ion Ratio Lower Upper
180 100
182 92.6 75.8 113.6
145 28.9 26.6 39.8

