

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101822\
 Data File : VU051445.D
 Acq On : 18 Oct 2022 16:47
 Operator : JC/MD
 Sample : N4955-07 0.8PPB
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2022

Quant Time: Oct 19 03:57:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101722DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Oct 19 03:54:58 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) Fluorobenzene	6.112	96	46079	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.632	95	12964	0.802	ug/l	0.00
Spiked Amount 1.000			Recovery	=	80.000%	
68) 1,2-Dichlorobenzene-d4	12.192	152	16125	0.893	ug/l	0.00
Spiked Amount 1.000			Recovery	=	89.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	11339	0.705	ug/l	97
3) Chloromethane	1.533	50	17949	0.708	ug/l	96
4) Vinyl Chloride	1.604	62	15292	0.697	ug/l	95
5) Bromomethane	1.851	94	9900	0.809	ug/l	87
6) Chloroethane	1.929	64	10156	0.812	ug/l	93
7) Trichlorofluoromethane	2.138	101	16623	0.678	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.578	101	9961	0.736	ug/l	98
9) 1,1-Dichloroethene	2.578	96	10131	0.716	ug/l	99
10) Iodomethane	2.719	142	12466	0.680	ug/l	100
11) Allyl Chloride	2.919	41	15804	0.733	ug/l	94
12) Acrylonitrile	3.314	53	6434	1.546	ug/l	93
13) Acetone	2.626	43	11764	3.926	ug/l	97
14) Carbon Disulfide	2.790	76	35367	0.702	ug/l	100
15) Methylene Chloride	3.041	84	21098	1.019	ug/l	93
16) trans-1,2-Dichloroethene	3.346	96	10959	0.676	ug/l	90
17) 1,1-Dichloroethane	3.861	63	20363	0.698	ug/l	98
18) 2-Butanone	4.716	43	12987	3.572	ug/l	97
19) Cyclohexane	5.385	56	9883m	0.547	ug/l	
20) Methylcyclohexane	6.758	83	9641	0.538	ug/l	94
21) 2,2-Dichloropropane	4.665	77	13384	0.657	ug/l	97
22) cis-1,2-Dichloroethene	4.665	96	9979	0.650	ug/l	96
23) Diethyl Ether	2.379	59	9362	0.758	ug/l	97
24) tert-Butyl Alcohol	3.189	59	12453	9.617	ug/l	95
25) Methyl tert-Butyl Ether	3.369	73	27998	0.761	ug/l	95
26) Bromochloromethane	4.973	128	5626	0.752	ug/l	98
27) Chloroform	5.089	83	21168	0.717	ug/l	99
28) 1,1,1-Trichloroethane	5.317	97	15677	0.665	ug/l	95
29) 1,1-Dichloropropene	5.523	75	10489	0.581	ug/l	99
30) Carbon Tetrachloride	5.520	117	13353	0.671	ug/l	93
31) Isopropyl Ether	3.999	45	21545	0.625	ug/l	82
32) Ethyl-t-butyl ether	4.510	59	19177	0.609	ug/l	99
33) Tert-Amyl methyl ether	5.944	73	16469	0.595	ug/l	98
34) Propionitrile	4.793	54	4441	3.633	ug/l #	95
35) Benzene	5.771	78	37615	0.621	ug/l	99
36) 1,2-Dichloroethane	5.793	62	13787	0.738	ug/l	97
37) Trichloroethene	6.542	130	9177	0.645	ug/l	98
38) 1,2-Dichloropropane	6.790	63	10742	0.646	ug/l	95
39) Methacrylonitrile	4.983	41	2680m	0.641	ug/l	
40) Methyl acrylate	4.858	55	4642	0.697	ug/l #	90
41) Tetrahydrofuran	5.070	42	2709	1.235	ug/l	97
42) 1-Chlorobutane	5.456	56	15271	0.620	ug/l	97
43) Dibromomethane	6.919	93	5683	0.659	ug/l	98
44) Bromodichloromethane	7.105	83	14448	0.692	ug/l #	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.793	43	24123	2.938	ug/l	94
46) t-1,4-Dichloro-2-butene	10.822	75	7585m	1.655	ug/l	
47) Methyl methacrylate	6.967	69	7229	1.096	ug/l	96
48) Ethyl methacrylate	8.333	69	5983	0.542	ug/l	93
49) Toluene	7.970	92	17977	0.541	ug/l	99
50) t-1,3-Dichloropropene	8.214	75	10391	0.619	ug/l	95
51) cis-1,3-Dichloropropene	7.610	75	11857	0.599	ug/l	98
52) 1,1,2-Trichloroethane	8.398	97	8621	0.700	ug/l	90
53) 1,3-Dichloropropane	8.578	76	13037	0.657	ug/l	97
54) 2-Hexanone	8.687	43	15876	2.812	ug/l	90
55) Dibromochloromethane	8.809	129	9369	0.700	ug/l	96
56) 1,2-Dibromoethane	8.925	107	7129	0.658	ug/l	99
58) Tetrachloroethene	8.552	164	8034	0.649	ug/l	96
59) Chlorobenzene	9.446	112	22045	0.605	ug/l	92
60) 1,1,1,2-Tetrachloroethane	9.536	131	9794	0.701	ug/l	96
61) Pentachloroethane	11.427	117	8385	0.673	ug/l	90
62) Hexachloroethane	12.475	117	8029	0.679	ug/l	98
63) Ethyl Benzene	9.568	91	27583	0.499	ug/l	100
64) m/p-Xylenes	9.693	106	20215	0.917	ug/l	98
65) o-Xylene	10.099	106	10507	0.490	ug/l	99
66) Styrene	10.115	104	15152	0.426	ug/l	94
67) Bromoform	10.288	173	5397	0.718	ug/l	96
69) Isopropylbenzene	10.481	105	24023	0.455	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.780	83	11867	0.713	ug/l	95
71) 1,2,3-Trichloropropane	10.822	75	9690m	0.783	ug/l	
72) Bromobenzene	10.780	156	7994	0.551	ug/l	98
73) n-propylbenzene	10.906	120	5924	0.399	ug/l	81
74) 2-Chlorotoluene	10.986	126	6518	0.462	ug/l	99
75) 1,3,5-Trimethylbenzene	11.089	105	19958	0.417	ug/l	96
76) 4-Chlorotoluene	11.099	126	6630	0.459	ug/l	84
77) tert-Butylbenzene	11.420	119	23299	0.498	ug/l	93
78) 1,2,4-Trimethylbenzene	11.468	105	19583	0.393	ug/l	97
79) sec-Butylbenzene	11.642	105	26375	0.426	ug/l	97
80) Nitrobenzene	13.217	77	2547	3.089	ug/l #	90
81) p-Isopropyltoluene	11.793	119	19677	0.398	ug/l	95
82) 1,3-Dichlorobenzene	11.745	146	18236	0.585	ug/l	92
83) 1,4-Dichlorobenzene	11.838	146	16049	0.526	ug/l	97
84) n-Butylbenzene	12.211	91	19524	0.398	ug/l	97
85) 1,2-Dichlorobenzene	12.211	146	16390	0.534	ug/l	96
86) 1,2-Dibromo-3-Chloropr...	12.999	75	1772	0.680	ug/l	91
87) 1,2,4-Trichlorobenzene	13.841	180	8592	0.517	ug/l	99
88) Hexachlorobutadiene	14.018	225	6195	0.571	ug/l	95
89) Naphthalene	14.092	128	14862	0.427	ug/l	98
90) 1,2,3-Trichlorobenzene	14.330	180	7928	0.436	ug/l	95

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

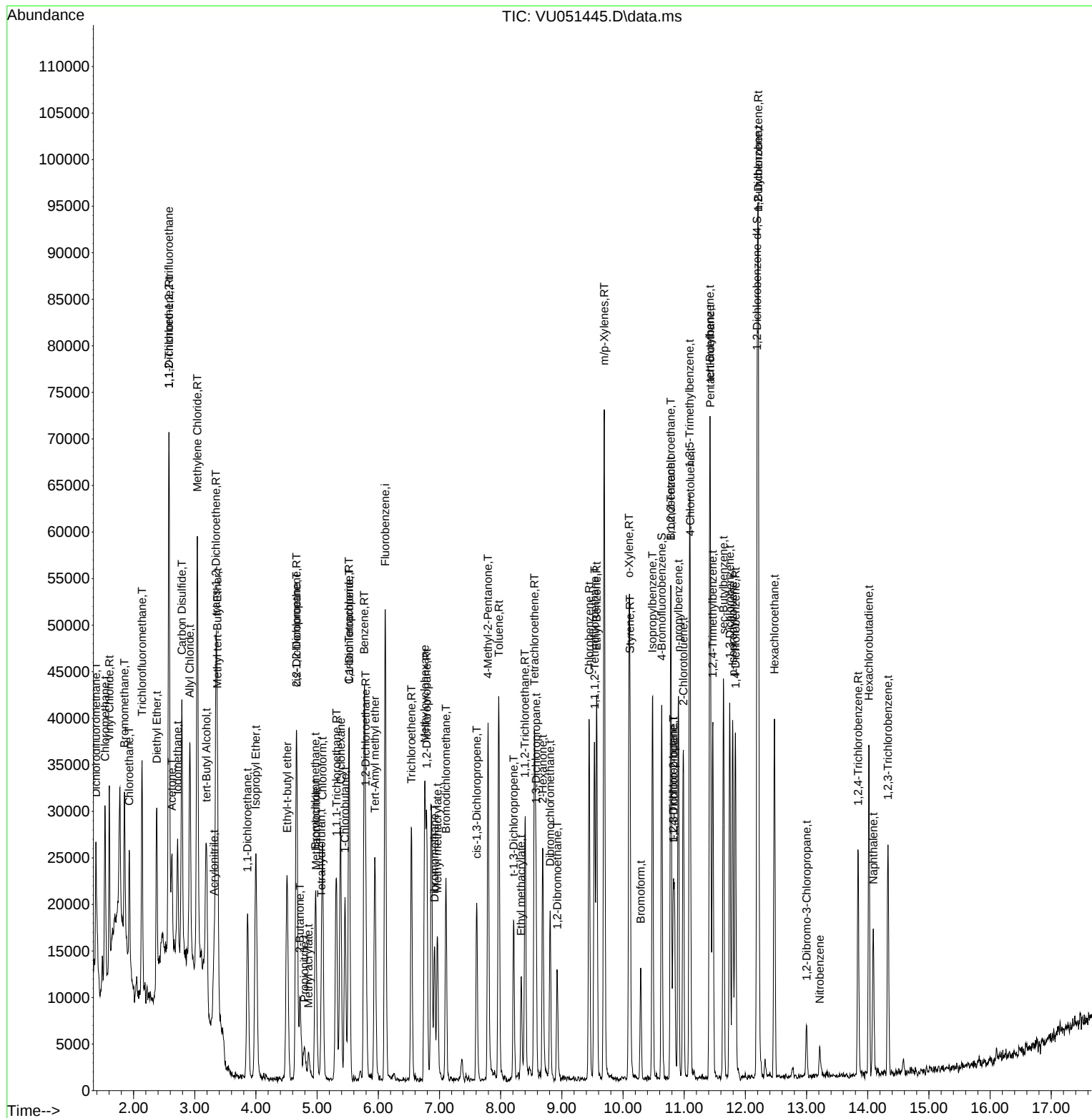
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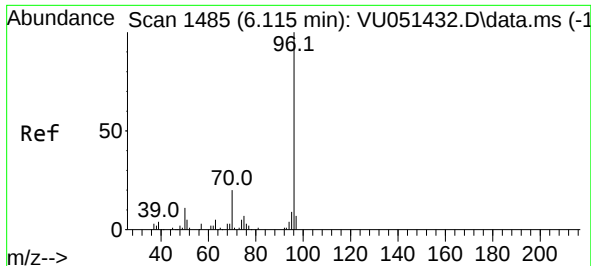
Instrument :
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 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2022

Manual Integrations APPROVED

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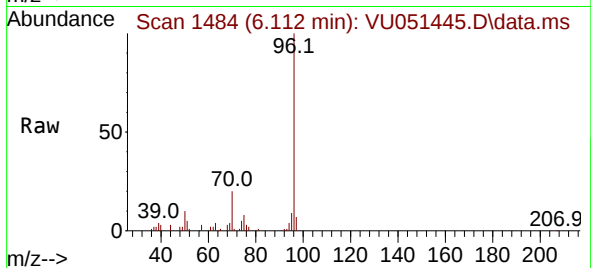
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#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.112 min Scan# 14
Delta R.T. -0.003 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47

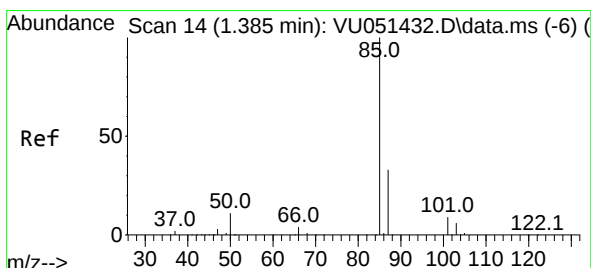
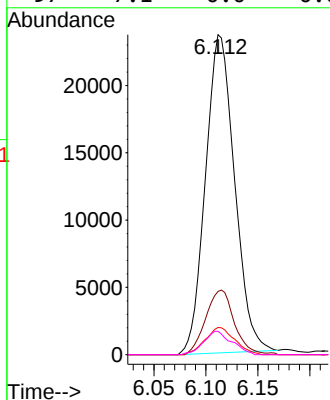
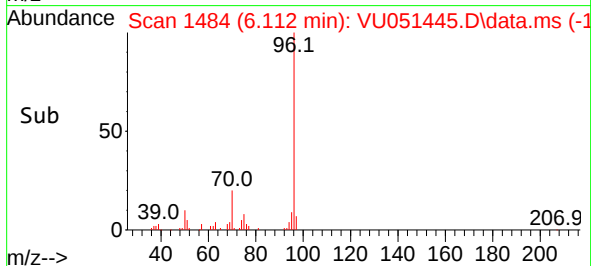
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



Tgt Ion: 96 Resp: 46079
Ion Ratio Lower Upper
96 100
70 20.0 16.7 25.1
95 8.7 7.5 11.3
97 7.1 0.0 0.0#

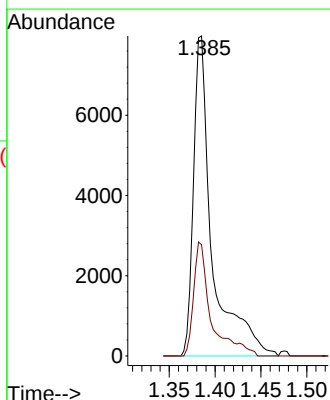
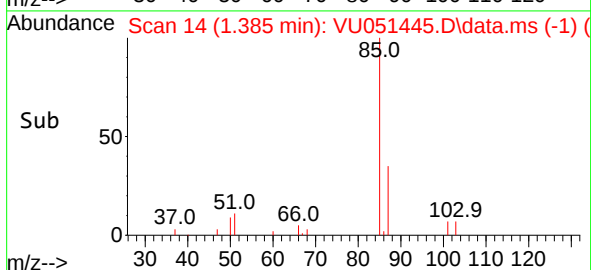
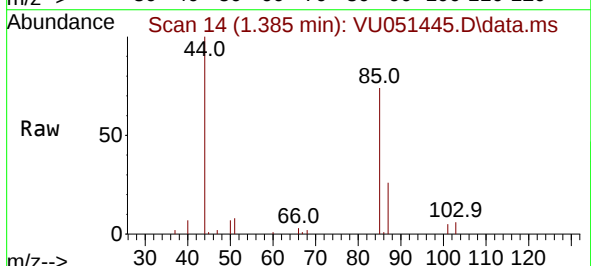
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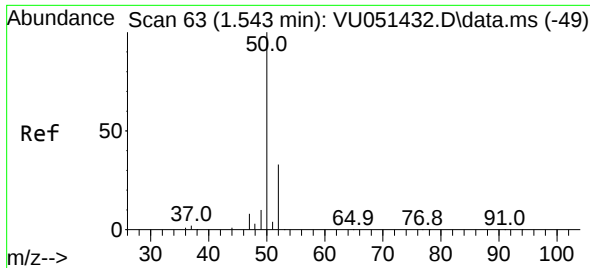
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022



#2
Dichlorodifluoromethane
Concen: 0.705 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47

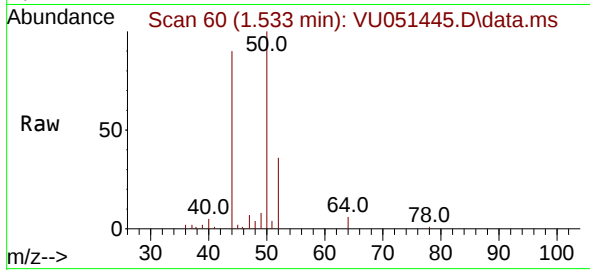
Tgt Ion: 85 Resp: 11339
Ion Ratio Lower Upper
85 100
87 34.8 16.4 49.4





#3
Chloromethane
Concen: 0.708 ug/l
RT: 1.533 min Scan# 60
Delta R.T. -0.010 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47

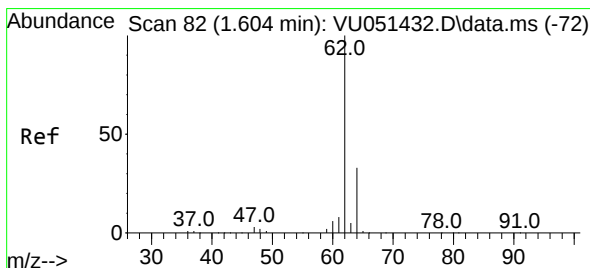
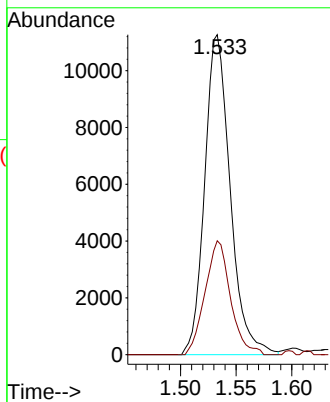
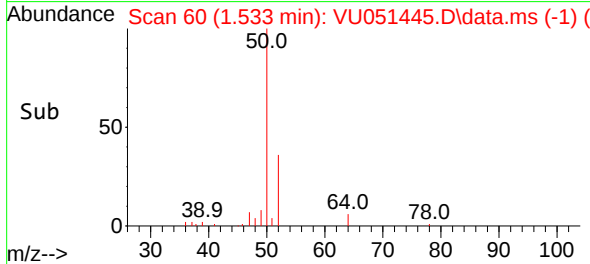
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT4-2022



Tgt Ion: 50 Resp: 17949
Ion Ratio Lower Upper
50 100
52 35.6 26.7 40.1

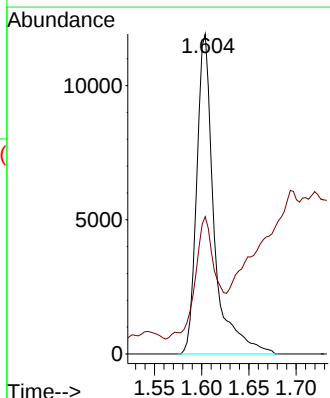
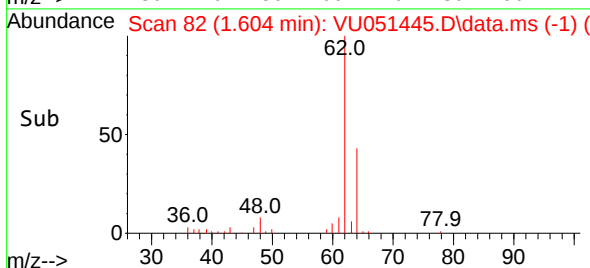
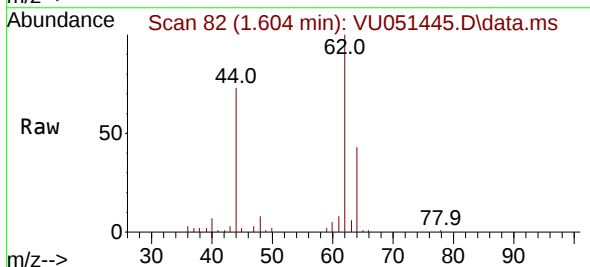
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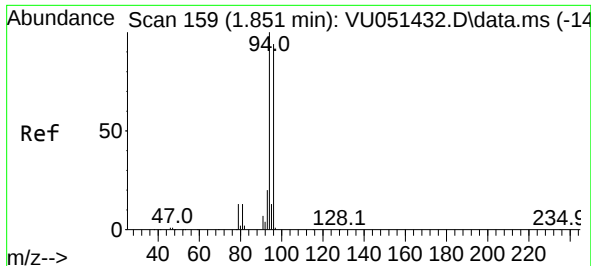
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022



#4
Vinyl Chloride
Concen: 0.697 ug/l
RT: 1.604 min Scan# 82
Delta R.T. 0.000 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47

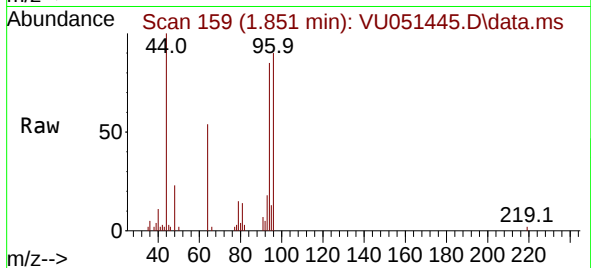
Tgt Ion: 62 Resp: 15292
Ion Ratio Lower Upper
62 100
64 36.2 26.7 40.1





#5
Bromomethane
Concen: 0.809 ug/l
RT: 1.851 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47

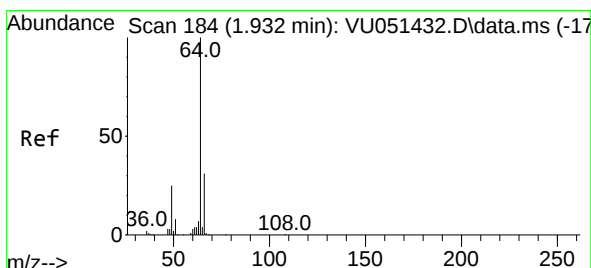
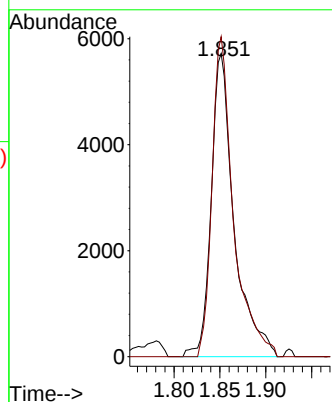
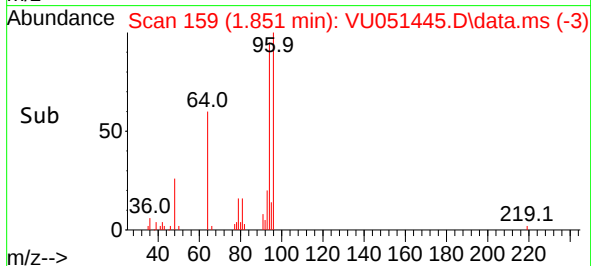
Instrument :
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Tgt Ion: 94 Resp: 9900
Ion Ratio Lower Upper
94 100
96 105.6 74.8 112.2

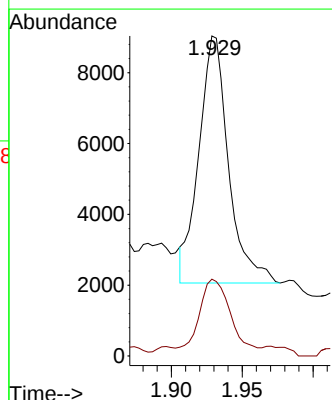
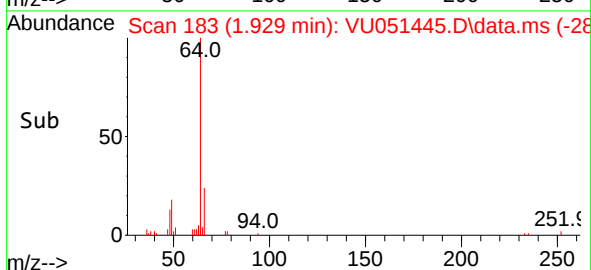
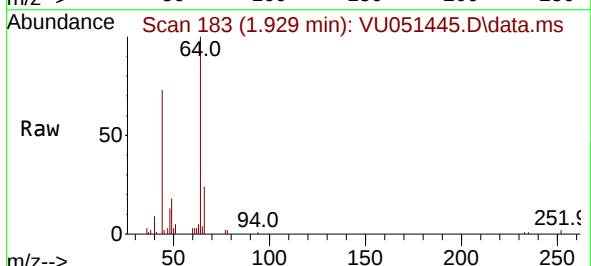
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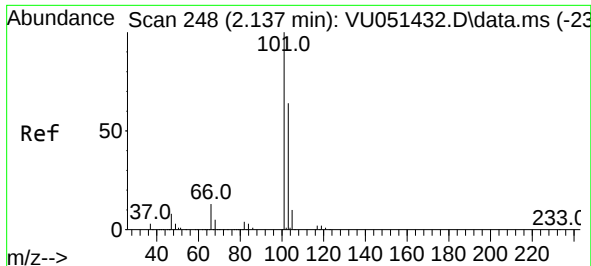
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022



#6
Chloroethane
Concen: 0.812 ug/l
RT: 1.929 min Scan# 183
Delta R.T. -0.003 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47

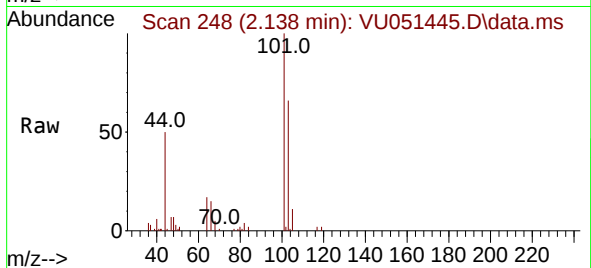
Tgt Ion: 64 Resp: 10156
Ion Ratio Lower Upper
64 100
66 27.6 25.2 37.8





#7
Trichlorofluoromethane
Concen: 0.678 ug/l
RT: 2.138 min Scan# 248
Delta R.T. 0.000 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47

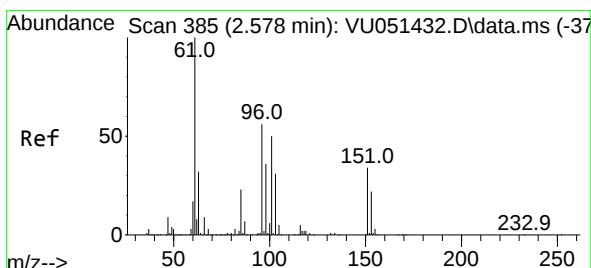
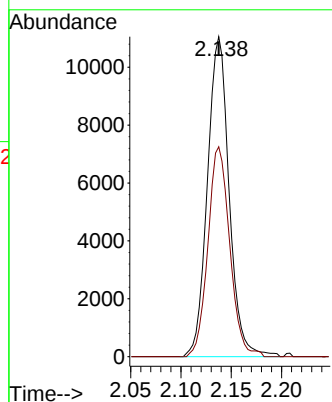
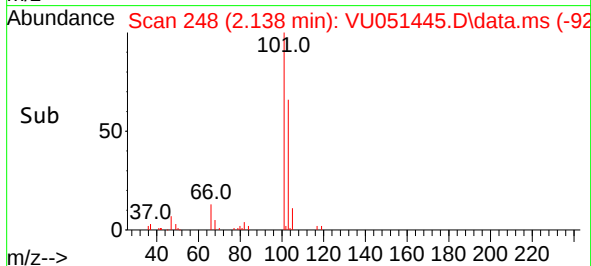
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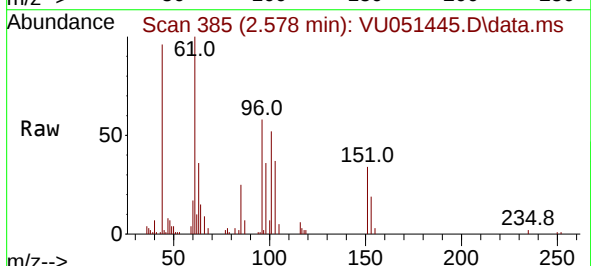
Tgt Ion:101 Resp: 1662
Ion Ratio Lower Upper
101 100
103 65.6 51.4 77.2

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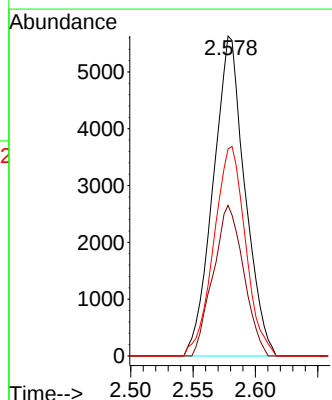
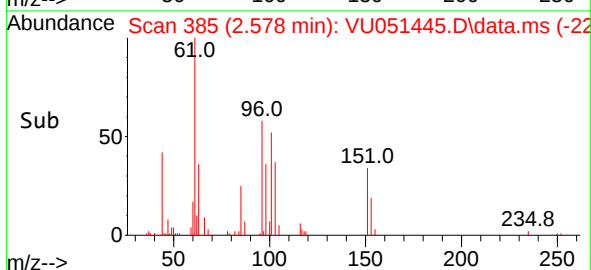
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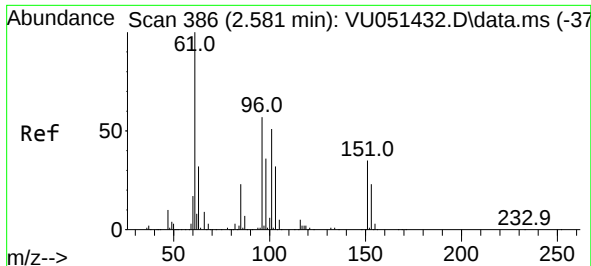


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.736 ug/l
RT: 2.578 min Scan# 385
Delta R.T. 0.000 min
Lab File: VU051445.D
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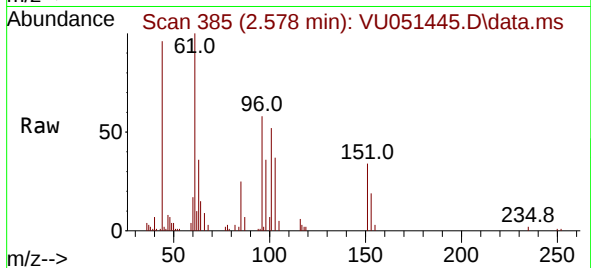
Tgt Ion:101 Resp: 9961
Ion Ratio Lower Upper
101 100
85 45.2 36.6 54.8
151 65.6 54.6 81.8





#9
1,1-Dichloroethene
Concen: 0.716 ug/l
RT: 2.578 min Scan# 385
Delta R.T. -0.003 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47

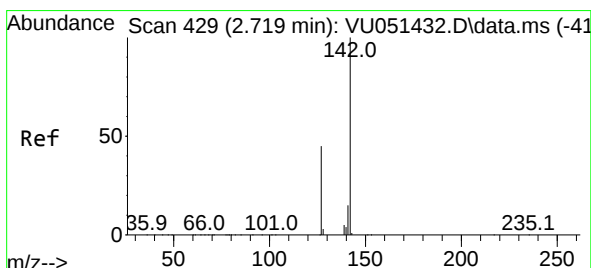
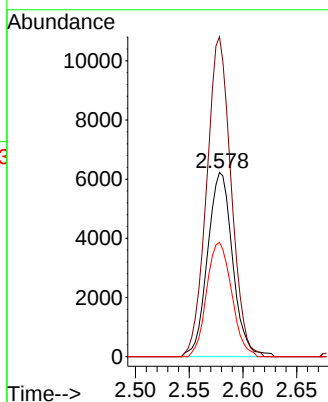
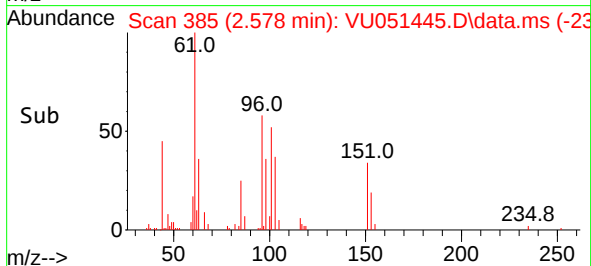
Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



Tgt Ion: 96 Resp: 1013
Ion Ratio Lower Upper
96 100
61 173.7 0.0 522.3
98 62.1 0.0 126.6

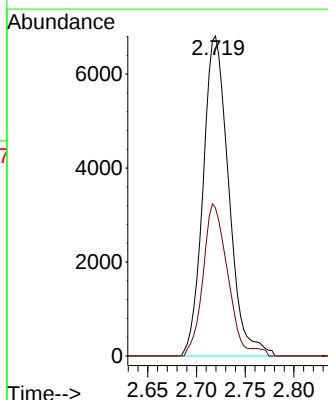
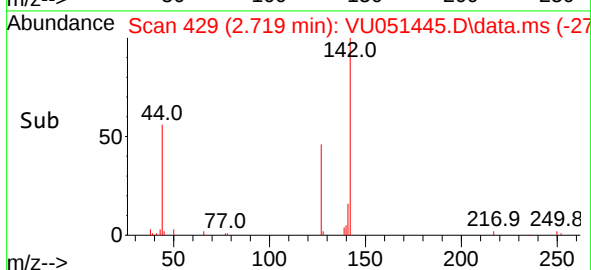
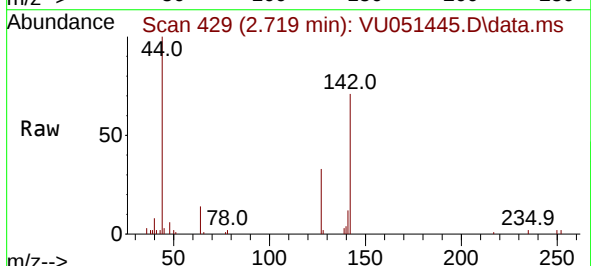
Manual Integrations
APPROVED

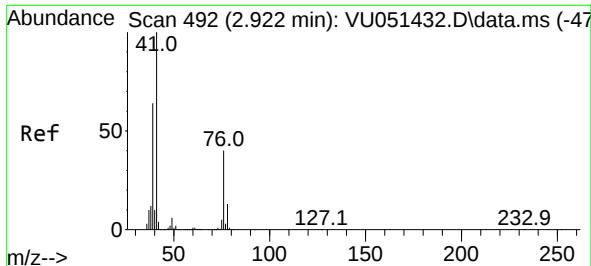
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022



#10
Iodomethane
Concen: 0.680 ug/l
RT: 2.719 min Scan# 429
Delta R.T. 0.000 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47

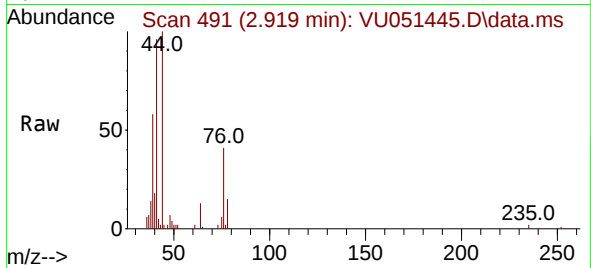
Tgt Ion:142 Resp: 12466
Ion Ratio Lower Upper
142 100
127 46.0 37.0 55.4





#11
 Allyl Chloride
 Concen: 0.733 ug/l
 RT: 2.919 min Scan# 491
 Delta R.T. -0.003 min
 Lab File: VU051445.D
 Acq: 18 Oct 2022 16:47

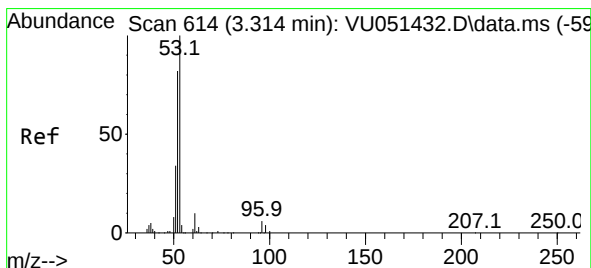
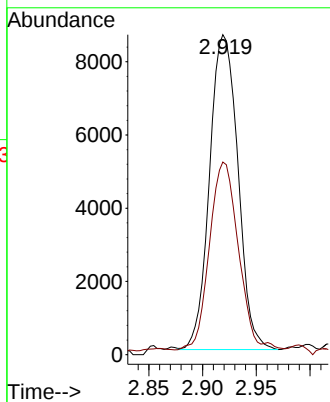
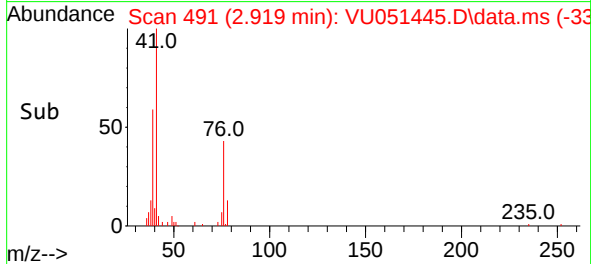
Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2022



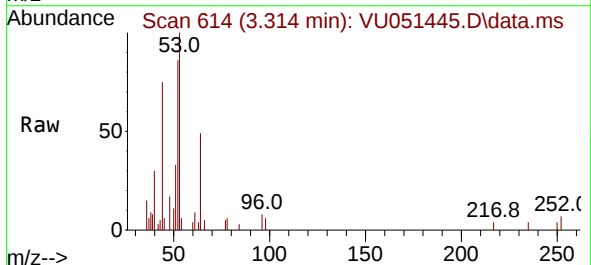
Tgt Ion: 41 Resp: 15804
 Ion Ratio Lower Upper
 41 100
 39 59.7 51.4 77.0

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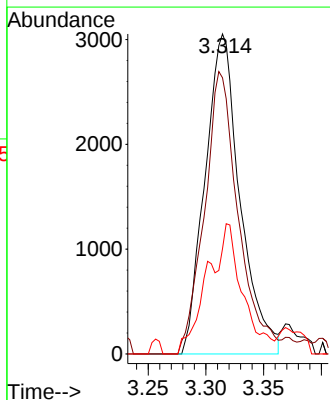
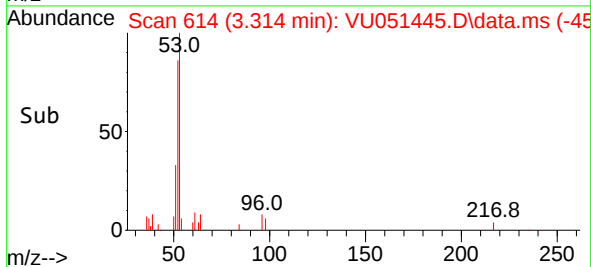
Reviewed By :Krupa Patel 10/25/2022
 Supervised By :Mahesh Dadoda 10/25/2022

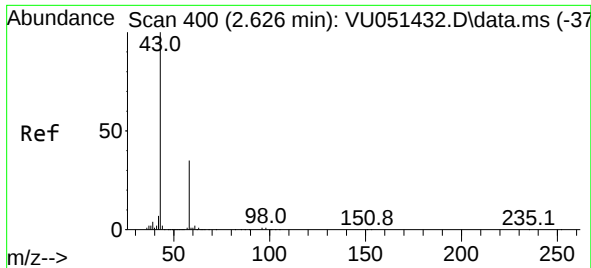


#12
 Acrylonitrile
 Concen: 1.546 ug/l
 RT: 3.314 min Scan# 614
 Delta R.T. 0.000 min
 Lab File: VU051445.D
 Acq: 18 Oct 2022 16:47



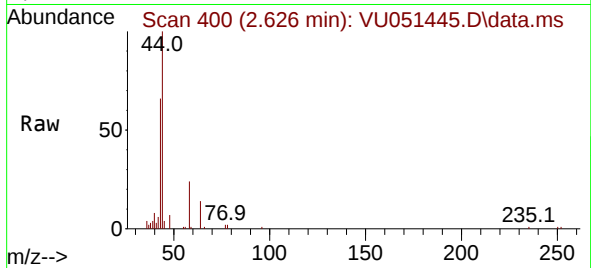
Tgt Ion: 53 Resp: 6434
 Ion Ratio Lower Upper
 53 100
 52 85.3 63.9 95.9
 51 26.7 25.9 38.9





#13
Acetone
Concen: 3.926 ug/l
RT: 2.626 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47

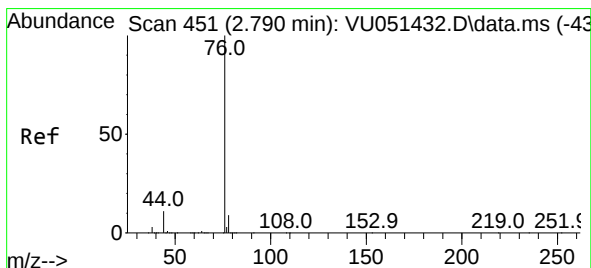
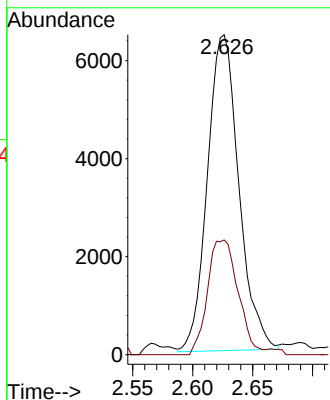
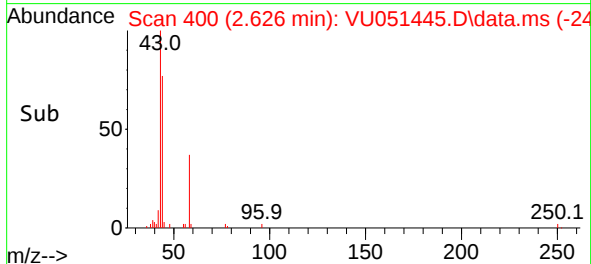
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT4-2022



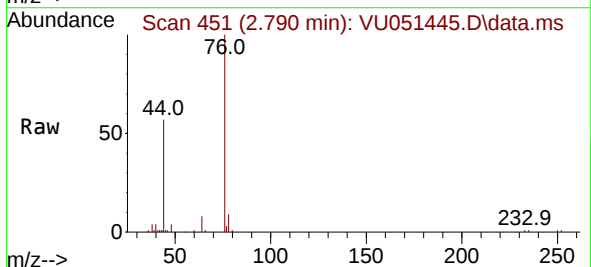
Tgt Ion: 43 Resp: 11764
Ion Ratio Lower Upper
43 100
58 36.4 27.9 41.9

Manual Integrations
APPROVED

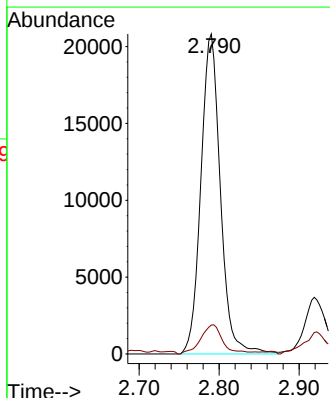
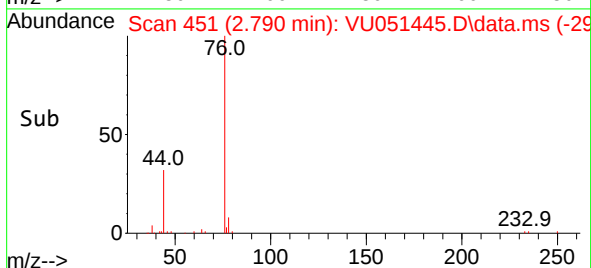
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022

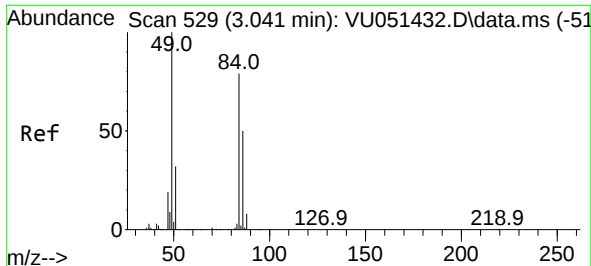


#14
Carbon Disulfide
Concen: 0.702 ug/l
RT: 2.790 min Scan# 451
Delta R.T. 0.000 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47



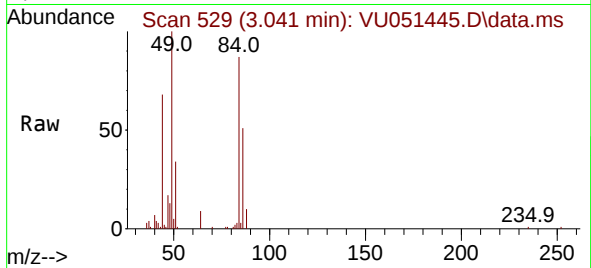
Tgt Ion: 76 Resp: 35367
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8





#15
Methylene Chloride
Concen: 1.019 ug/l
RT: 3.041 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47

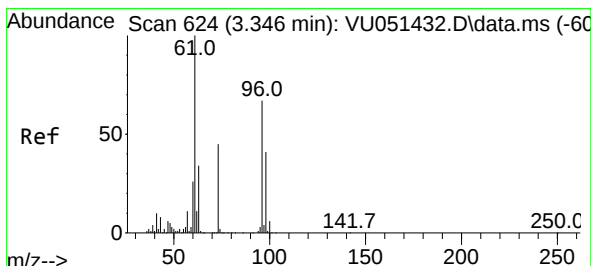
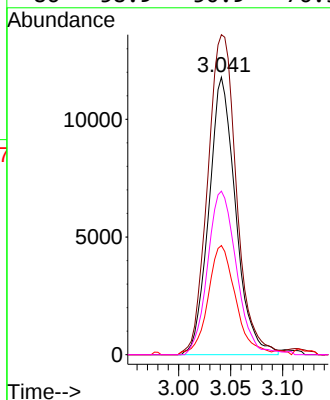
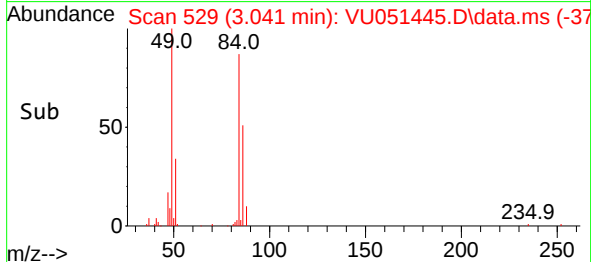
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



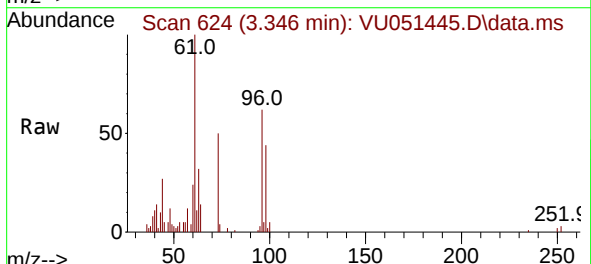
Tgt Ion: 84 Resp: 21098
Ion Ratio Lower Upper
84 100
49 115.3 101.1 151.7
51 39.3 0.0 80.2
86 58.9 50.9 76.3

Manual Integrations
APPROVED

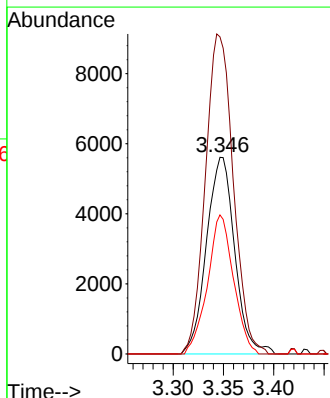
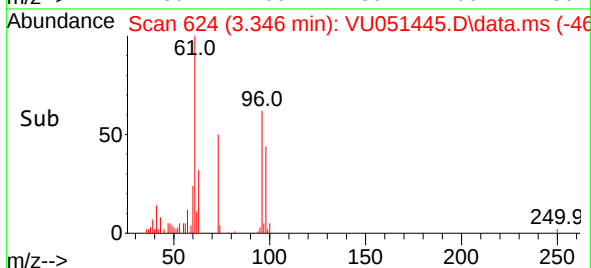
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022

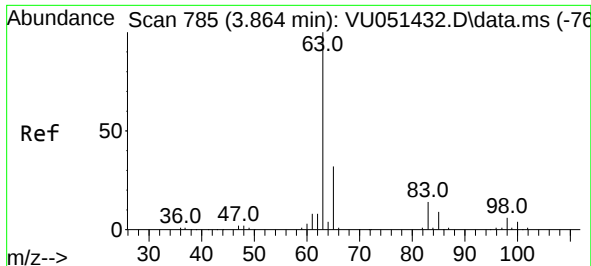


#16
trans-1,2-Dichloroethene
Concen: 0.676 ug/l
RT: 3.346 min Scan# 624
Delta R.T. 0.000 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47



Tgt Ion: 96 Resp: 10959
Ion Ratio Lower Upper
96 100
61 161.3 119.9 179.9
98 70.7 49.5 74.3





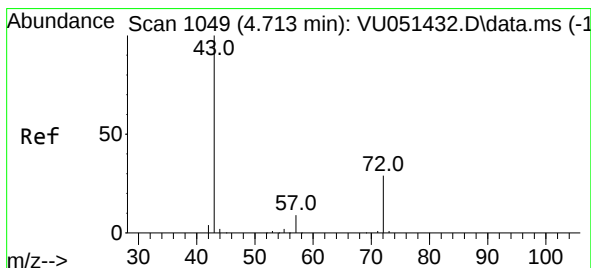
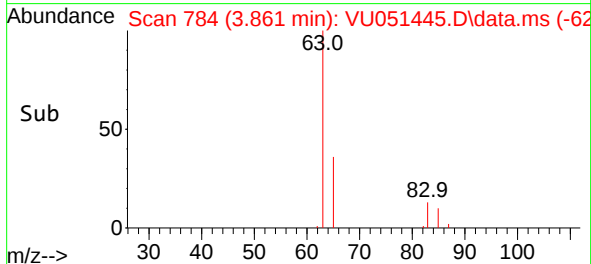
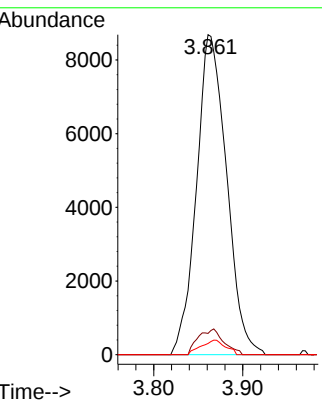
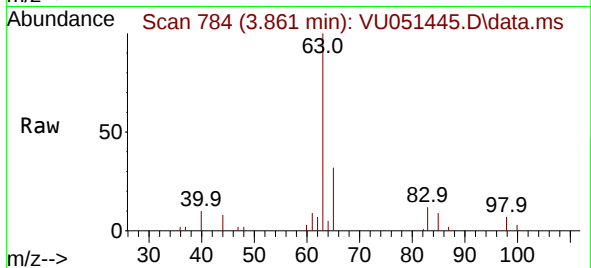
#17
1,1-Dichloroethane
Concen: 0.698 ug/l
RT: 3.861 min Scan# 784
Delta R.T. -0.003 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47

Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT4-2022

Tgt Ion: 63 Resp: 2036
Ion Ratio Lower Upper
63 100
98 6.6 3.1 9.3
100 3.5 2.1 6.3

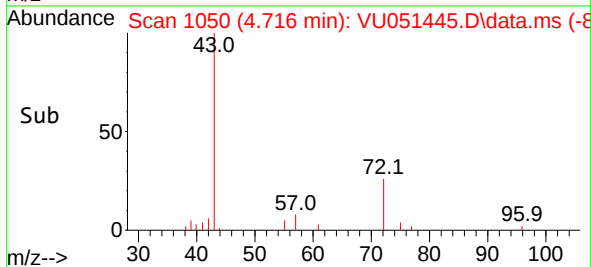
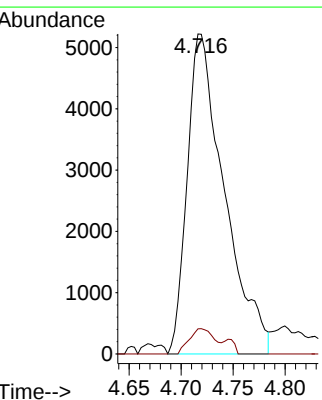
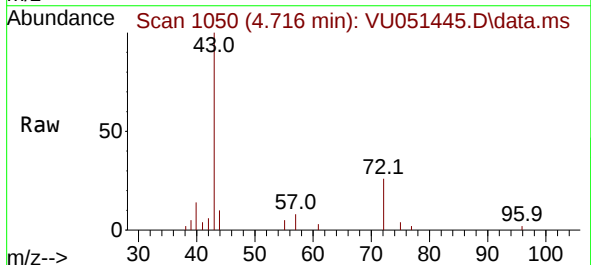
Manual Integrations
APPROVED

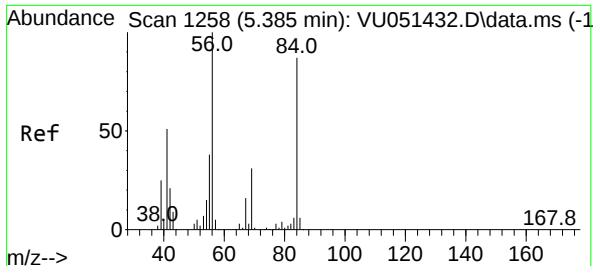
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022



#18
2-Butanone
Concen: 3.572 ug/l
RT: 4.716 min Scan# 1050
Delta R.T. 0.003 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47

Tgt Ion: 43 Resp: 12987
Ion Ratio Lower Upper
43 100
57 7.9 0.0 18.2





#19

Cyclohexane

Concen: 0.547 ug/l m

RT: 5.385 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU051445.D

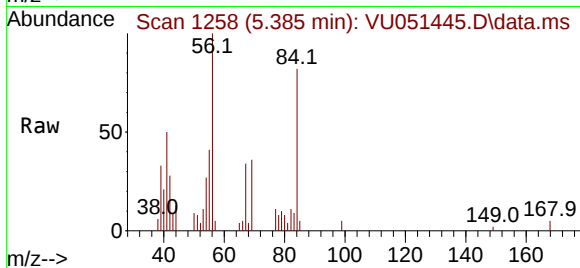
Acq: 18 Oct 2022 16:47

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022



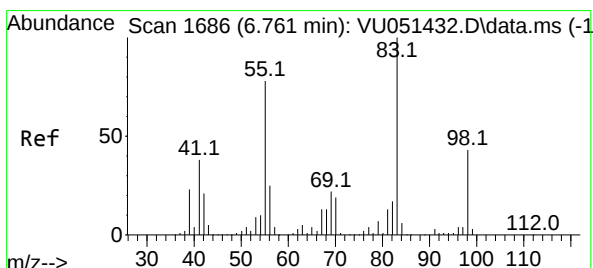
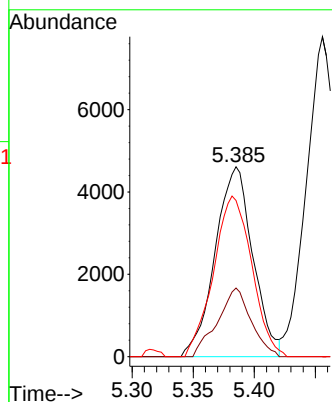
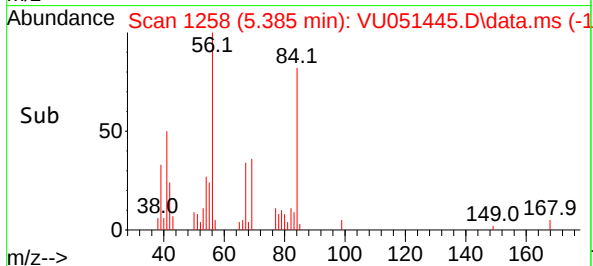
Tgt Ion:	56	Resp:	988
Ion Ratio	Lower	Upper	
56	100		
69	32.2	25.0	37.4
84	86.0	68.5	102.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/25/2022

Supervised By :Mahesh Dadoda 10/25/2022



#20

Methylcyclohexane

Concen: 0.538 ug/l

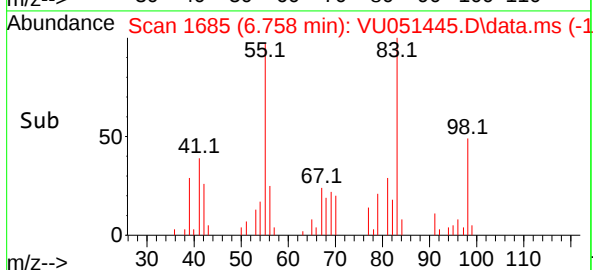
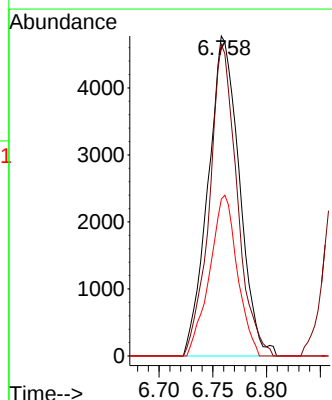
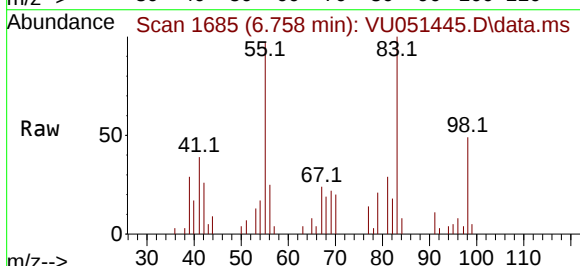
RT: 6.758 min Scan# 1685

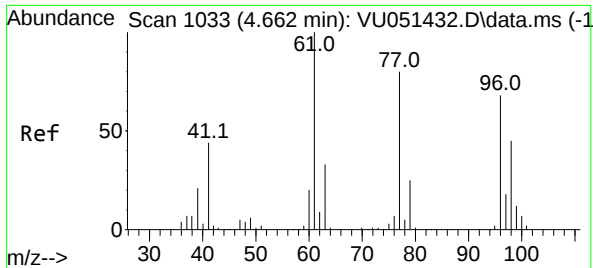
Delta R.T. -0.003 min

Lab File: VU051445.D

Acq: 18 Oct 2022 16:47

Tgt Ion:	83	Resp:	9641
Ion Ratio	Lower	Upper	
83	100		
55	86.1	62.4	93.6
98	44.6	35.5	53.3





#21

2,2-Dichloropropane

Concen: 0.657 ug/l

RT: 4.665 min Scan# 1034

Delta R.T. 0.003 min

Lab File: VU051445.D

Acq: 18 Oct 2022 16:47

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

Tgt Ion: 77 Resp: 13384

Ion Ratio Lower Upper

77 100

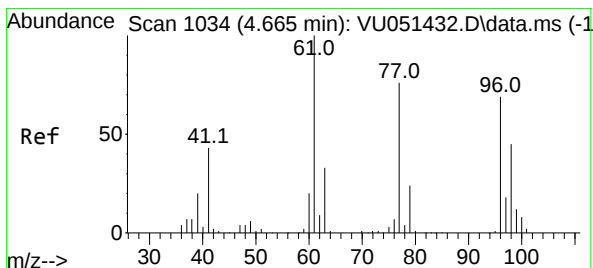
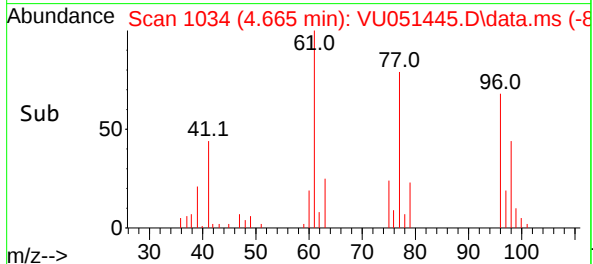
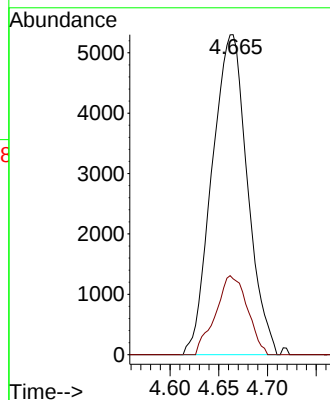
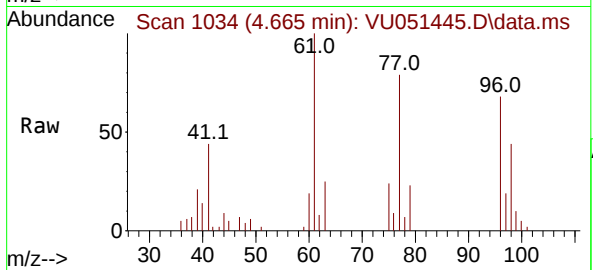
97 22.2 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/25/2022

Supervised By :Mahesh Dadoda 10/25/2022



#22

cis-1,2-Dichloroethene

Concen: 0.650 ug/l

RT: 4.665 min Scan# 1034

Delta R.T. 0.000 min

Lab File: VU051445.D

Acq: 18 Oct 2022 16:47

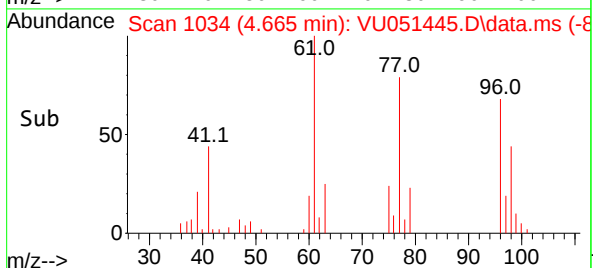
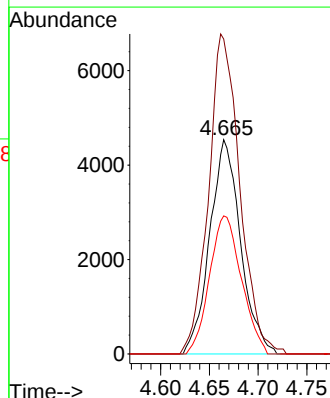
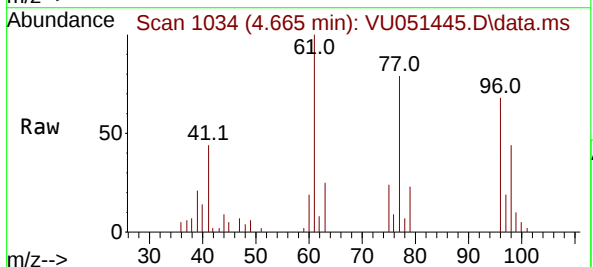
Tgt Ion: 96 Resp: 9979

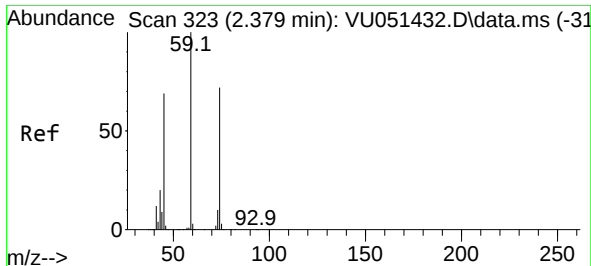
Ion Ratio Lower Upper

96 100

61 151.3 0.0 362.8

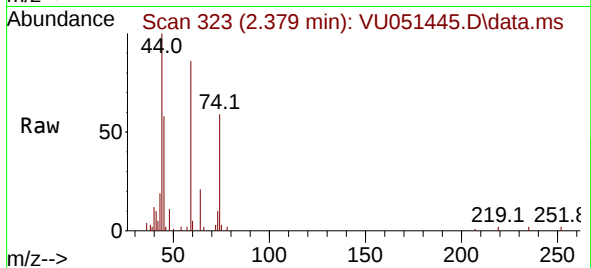
98 66.6 32.5 97.5





#23
Diethyl Ether
Concen: 0.758 ug/l
RT: 2.379 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47

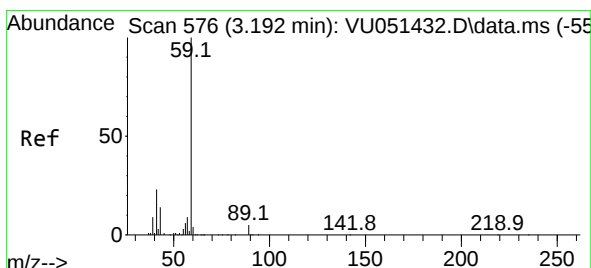
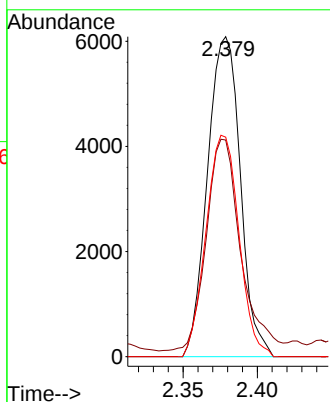
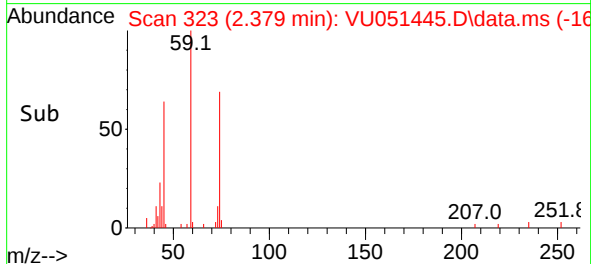
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT4-2022



Tgt Ion: 59 Resp: 9362
Ion Ratio Lower Upper
59 100
45 68.4 55.7 83.5
74 69.4 58.2 87.4

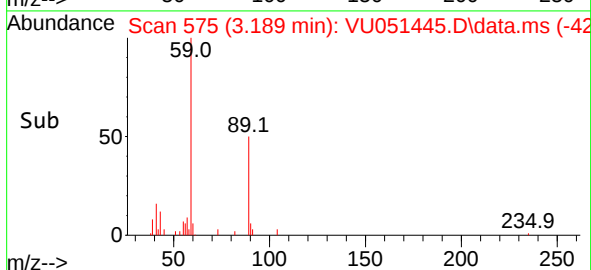
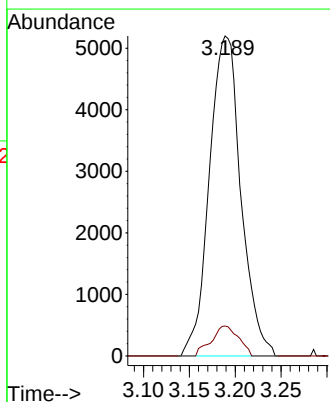
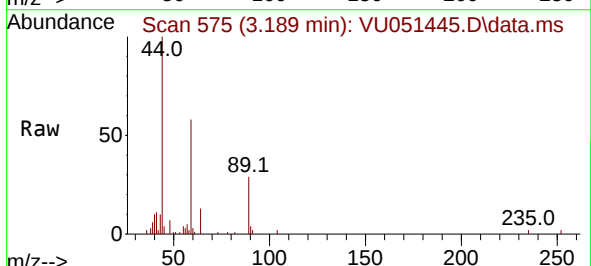
Manual Integrations
APPROVED

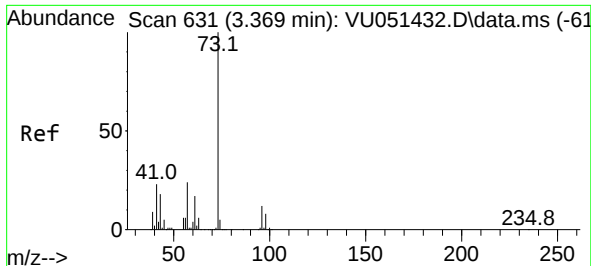
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022



#24
tert-Butyl Alcohol
Concen: 9.617 ug/l
RT: 3.189 min Scan# 575
Delta R.T. -0.003 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47

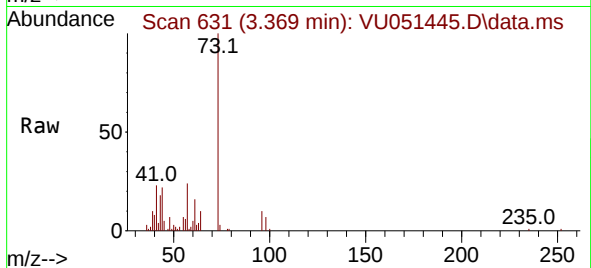
Tgt Ion: 59 Resp: 12453
Ion Ratio Lower Upper
59 100
57 8.1 7.8 11.8





#25
Methyl tert-Butyl Ether
Concen: 0.761 ug/l
RT: 3.369 min Scan# 631
Delta R.T. 0.000 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47

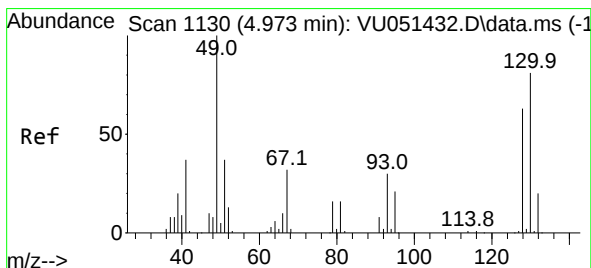
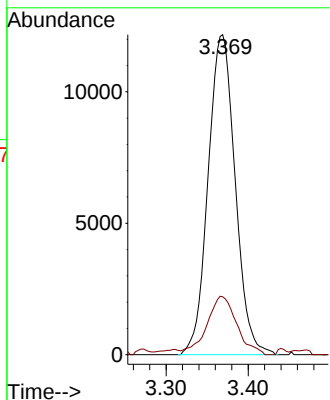
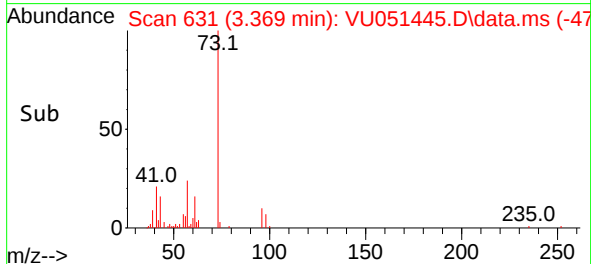
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



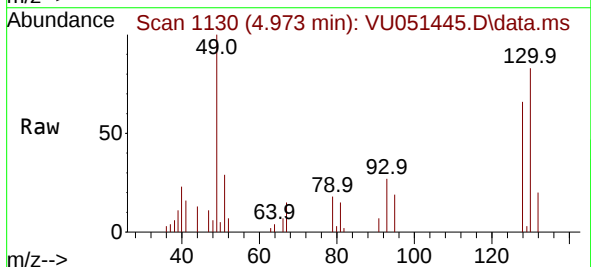
Tgt Ion: 73 Resp: 27998
Ion Ratio Lower Upper
73 100
43 20.2 14.2 21.4

Manual Integrations
APPROVED

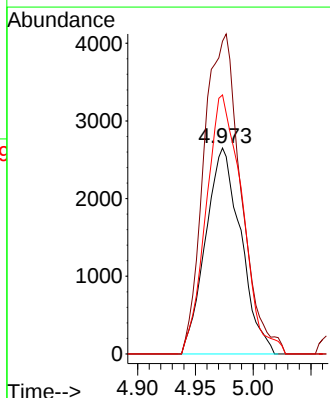
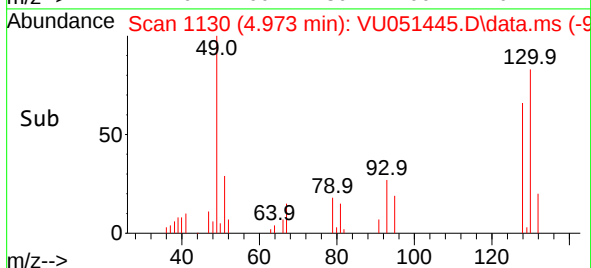
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022

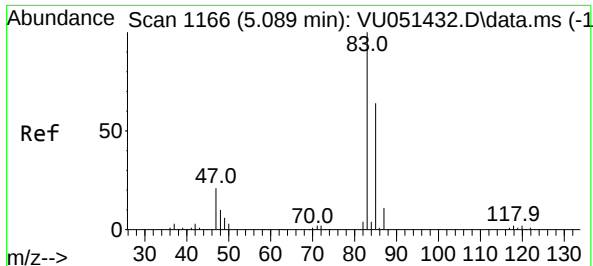


#26
Bromochloromethane
Concen: 0.752 ug/l
RT: 4.973 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47



Tgt Ion:128 Resp: 5626
Ion Ratio Lower Upper
128 100
49 163.6 0.0 320.4
130 129.3 105.0 157.6





#27

Chloroform

Concen: 0.717 ug/l

RT: 5.089 min Scan# 1166

Delta R.T. 0.000 min

Lab File: VU051445.D

Acq: 18 Oct 2022 16:47

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

Tgt Ion: 83 Resp: 21168

Ion Ratio Lower Upper

83 100

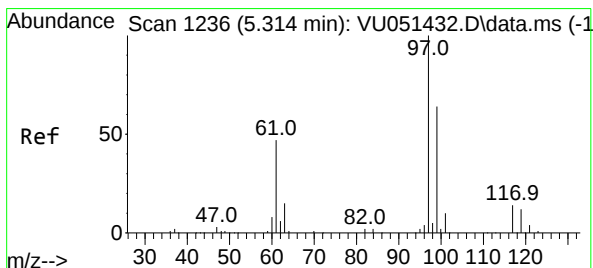
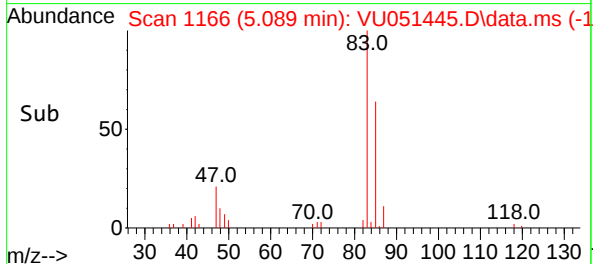
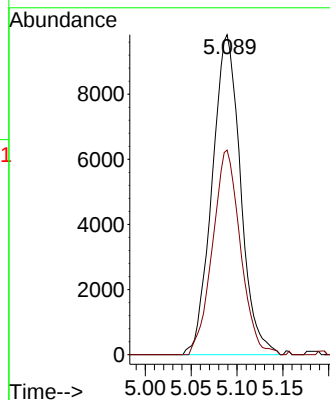
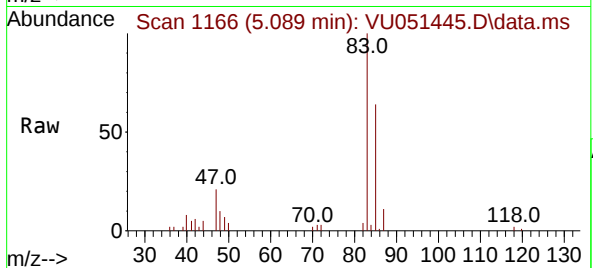
85 64.0 0.0 128.8

Manual Integrations

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Reviewed By :Krupa Patel 10/25/2022

Supervised By :Mahesh Dadoda 10/25/2022



#28

1,1,1-Trichloroethane

Concen: 0.665 ug/l

RT: 5.317 min Scan# 1237

Delta R.T. 0.003 min

Lab File: VU051445.D

Acq: 18 Oct 2022 16:47

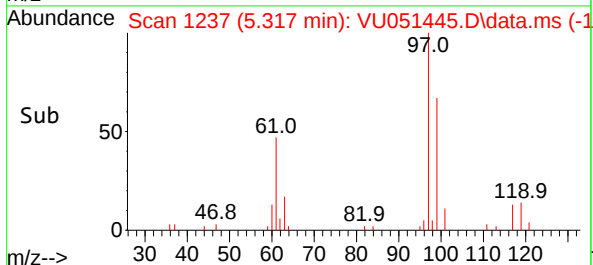
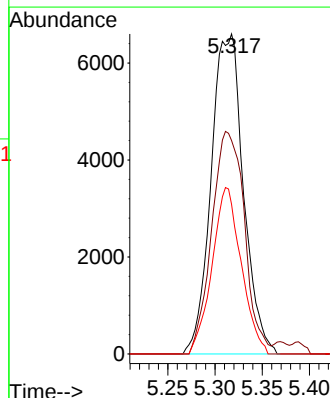
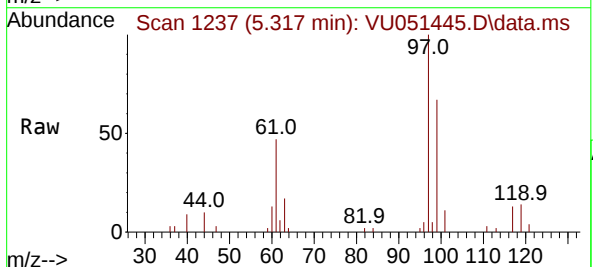
Tgt Ion: 97 Resp: 15677

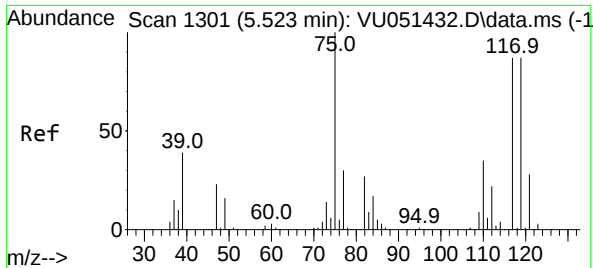
Ion Ratio Lower Upper

97 100

99 70.5 31.8 95.4

61 47.0 23.6 71.0





#29

1,1-Dichloropropene

Concen: 0.581 ug/l

RT: 5.523 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU051445.D

Acq: 18 Oct 2022 16:47

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

Tgt Ion: 75 Resp: 10489

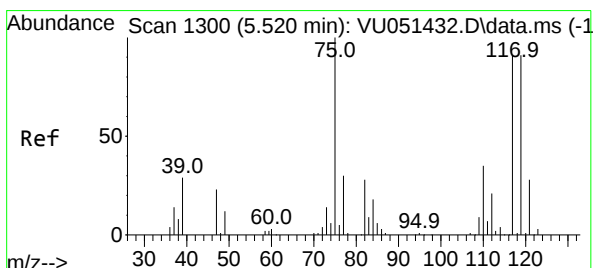
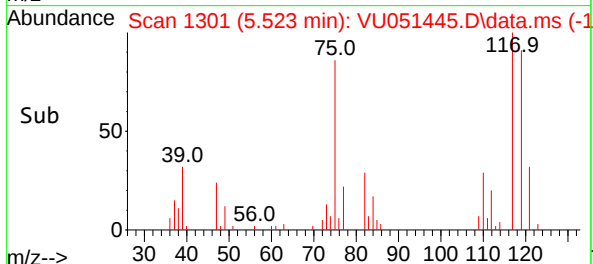
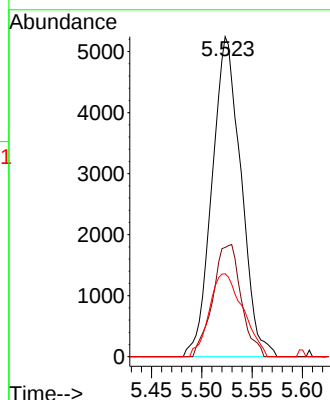
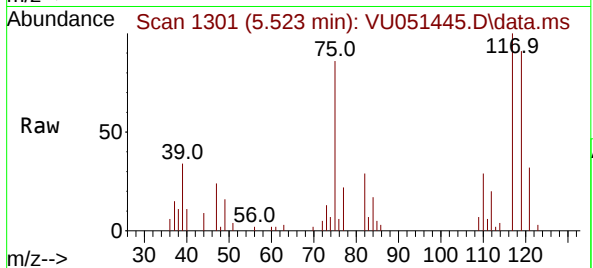
Ion	Ratio	Lower	Upper
75	100		
110	34.4	17.8	53.3
77	30.1	24.2	36.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/25/2022

Supervised By :Mahesh Dadoda 10/25/2022



#30

Carbon Tetrachloride

Concen: 0.671 ug/l

RT: 5.520 min Scan# 1300

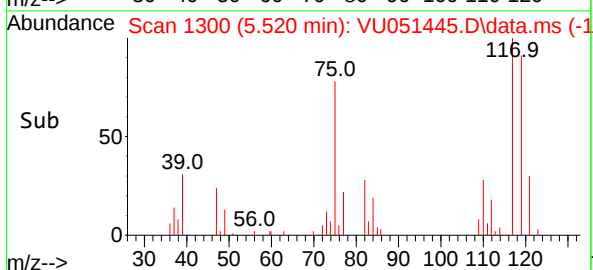
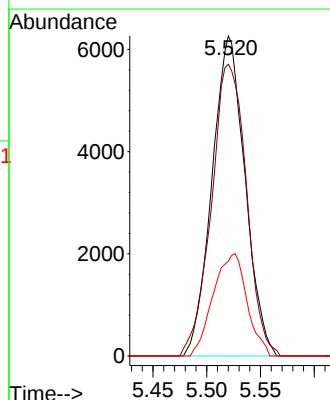
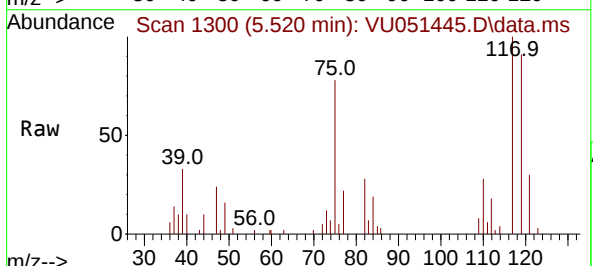
Delta R.T. 0.000 min

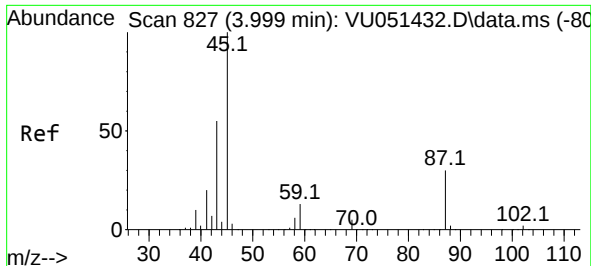
Lab File: VU051445.D

Acq: 18 Oct 2022 16:47

Tgt Ion:117 Resp: 13353

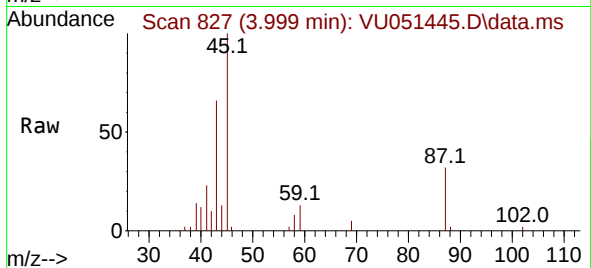
Ion	Ratio	Lower	Upper
117	100		
119	91.1	80.0	120.0
121	29.6	24.9	37.3





#31
Isopropyl Ether
Concen: 0.625 ug/l
RT: 3.999 min Scan# 81
Delta R.T. 0.000 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47

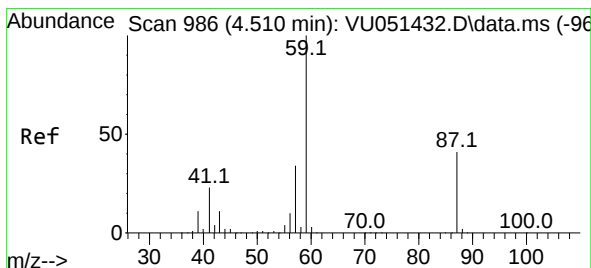
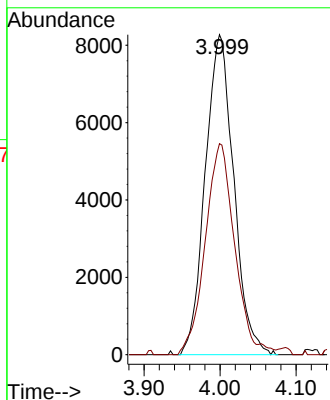
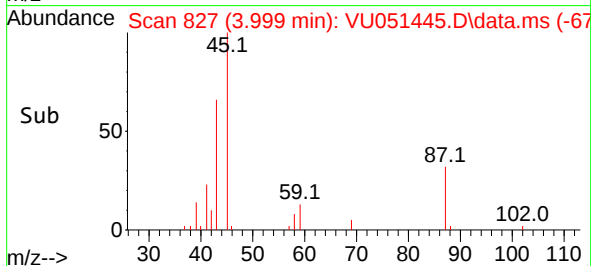
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



Tgt Ion: 45 Resp: 2154
Ion Ratio Lower Upper
45 100
43 68.2 27.6 82.7

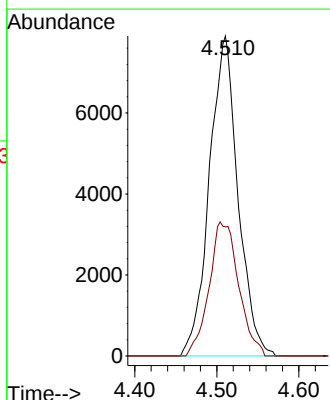
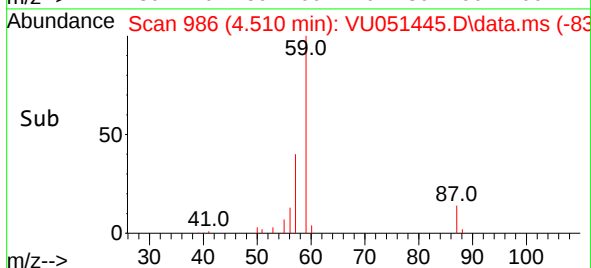
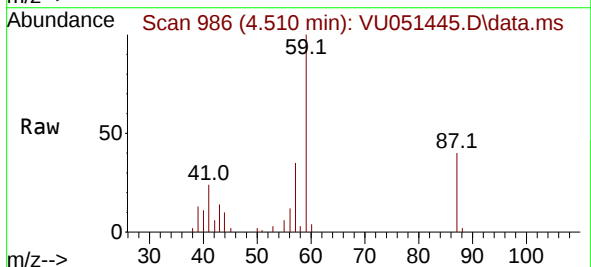
Manual Integrations
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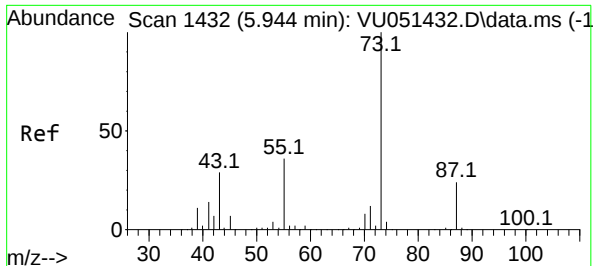
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022



#32
Ethyl-t-butyl ether
Concen: 0.609 ug/l
RT: 4.510 min Scan# 986
Delta R.T. 0.000 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47

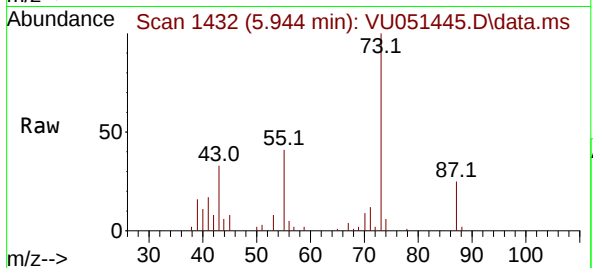
Tgt Ion: 59 Resp: 19177
Ion Ratio Lower Upper
59 100
87 43.2 33.8 50.8





#33
Tert-Amyl methyl ether
Concen: 0.595 ug/l
RT: 5.944 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47

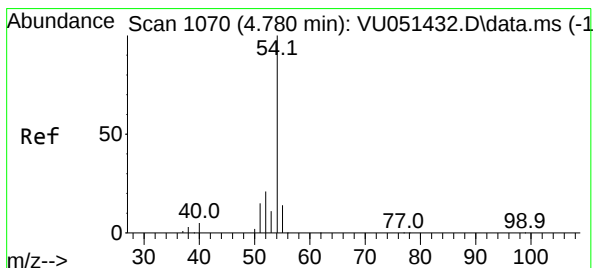
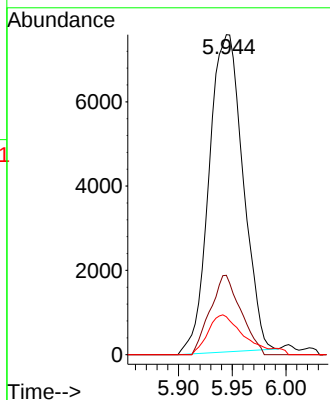
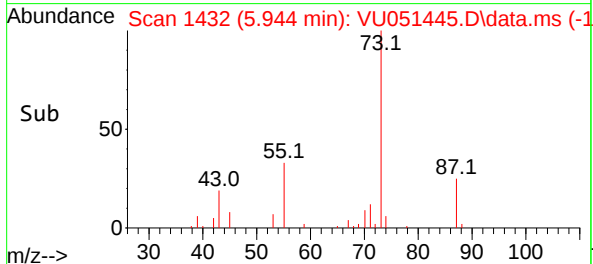
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



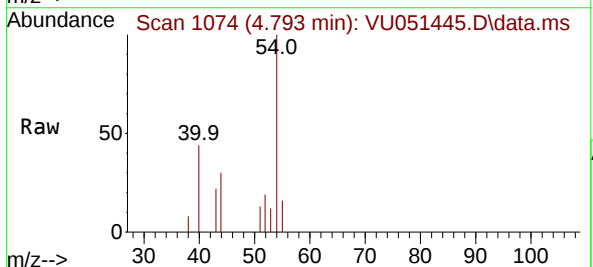
Tgt Ion: 73 Resp: 16469
Ion Ratio Lower Upper
73 100
87 22.6 18.9 28.3
71 11.0 9.4 14.2

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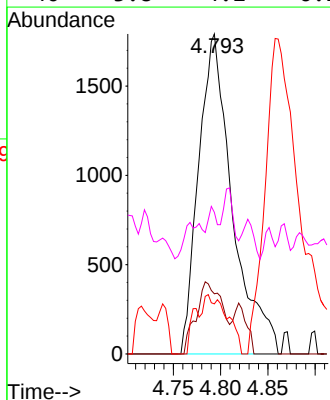
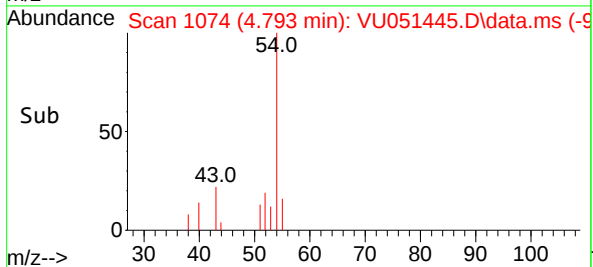
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022

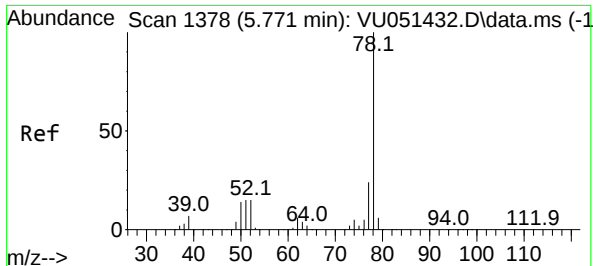


#34
Propionitrile
Concen: 3.633 ug/l
RT: 4.793 min Scan# 1074
Delta R.T. 0.013 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47



Tgt Ion: 54 Resp: 4441
Ion Ratio Lower Upper
54 100
52 17.5 16.4 24.6
55 13.5 11.5 17.3
40 3.8 4.2 6.2#





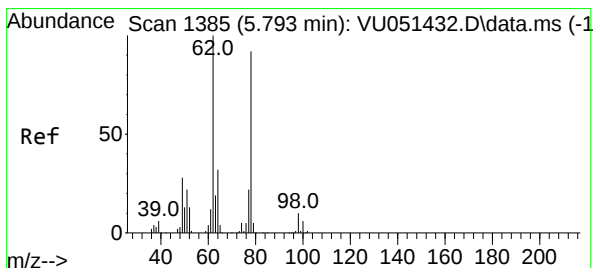
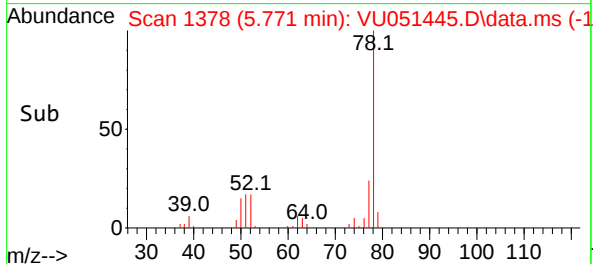
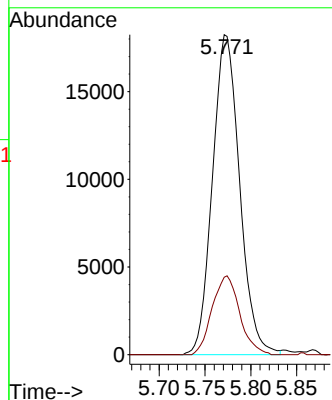
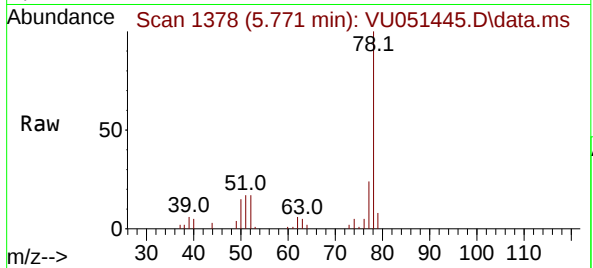
#35
Benzene
Concen: 0.621 ug/l
RT: 5.771 min Scan# 1378
Delta R.T. 0.000 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47

Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT4-2022

Tgt Ion: 78 Resp: 3761
Ion Ratio Lower Upper
78 100
77 24.2 19.0 28.6

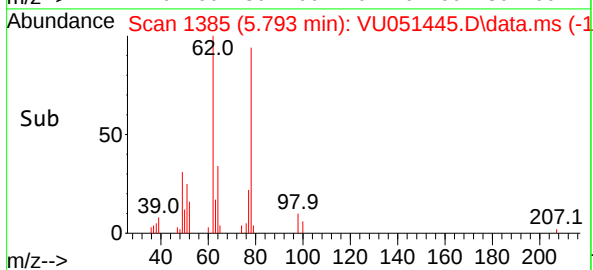
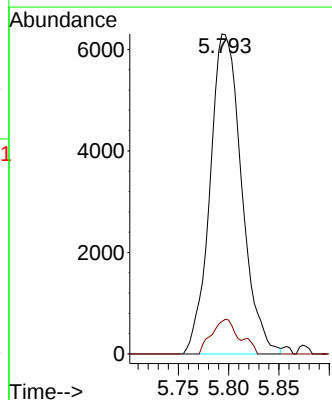
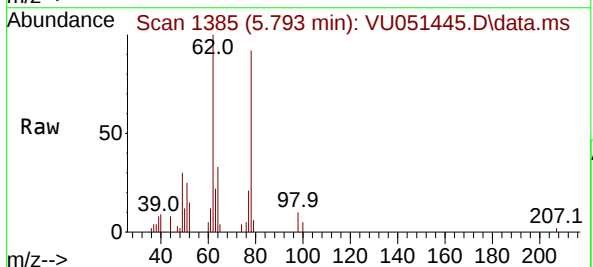
Manual Integrations
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Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022



#36
1,2-Dichloroethane
Concen: 0.738 ug/l
RT: 5.793 min Scan# 1385
Delta R.T. 0.000 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47

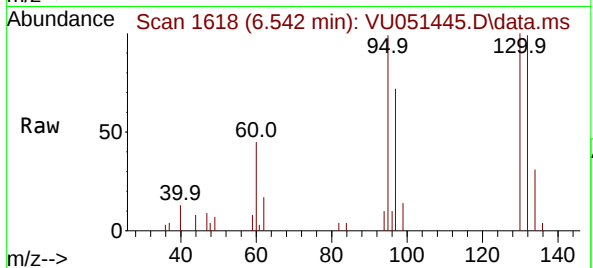
Tgt Ion: 62 Resp: 13787
Ion Ratio Lower Upper
62 100
98 8.1 7.4 11.2





#37
 Trichloroethene
 Concen: 0.645 ug/l
 RT: 6.542 min Scan# 1618
 Delta R.T. 0.000 min
 Lab File: VU051445.D
 Acq: 18 Oct 2022 16:47

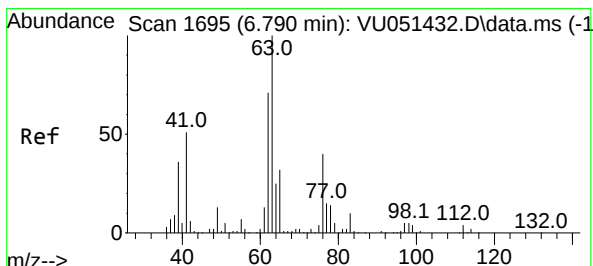
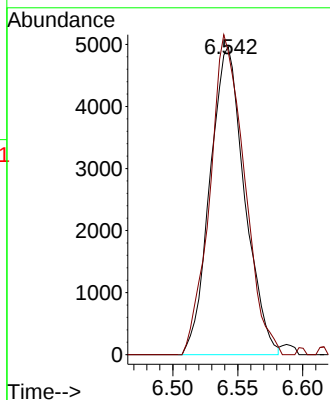
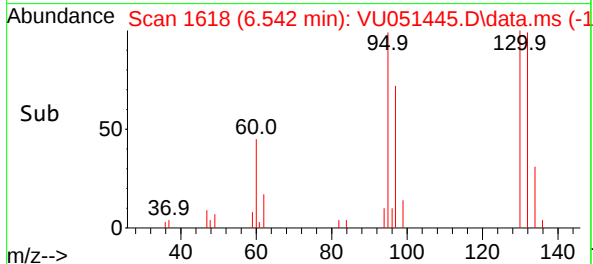
Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2022



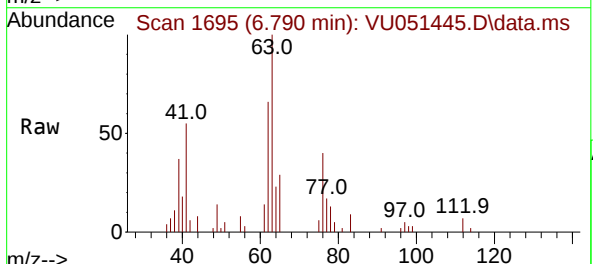
Tgt Ion:130 Resp: 917
 Ion Ratio Lower Upper
 130 100
 95 98.6 80.2 120.4

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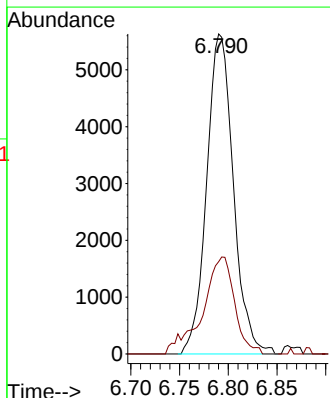
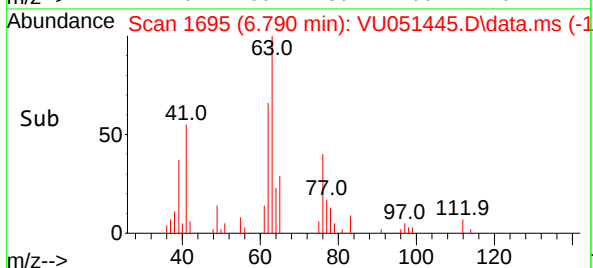
Reviewed By :Krupa Patel 10/25/2022
 Supervised By :Mahesh Dadoda 10/25/2022

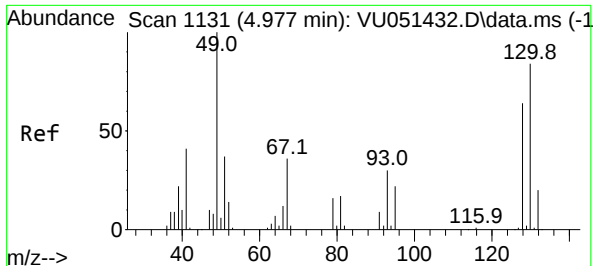


#38
 1,2-Dichloropropane
 Concen: 0.646 ug/l
 RT: 6.790 min Scan# 1695
 Delta R.T. 0.000 min
 Lab File: VU051445.D
 Acq: 18 Oct 2022 16:47



Tgt Ion: 63 Resp: 10742
 Ion Ratio Lower Upper
 63 100
 65 28.9 25.4 38.2





#39

Methacrylonitrile

Concen: 0.641 ug/l m

RT: 4.983 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VU051445.D

Acq: 18 Oct 2022 16:47

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

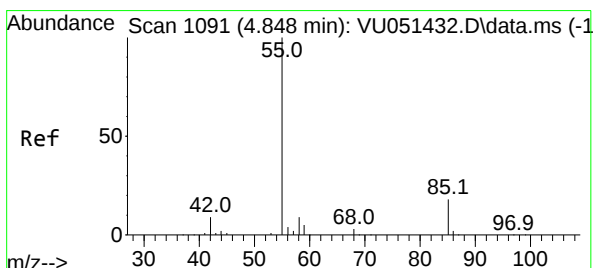
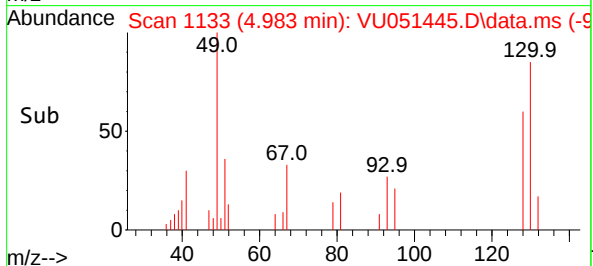
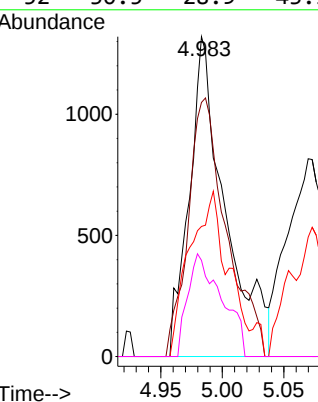
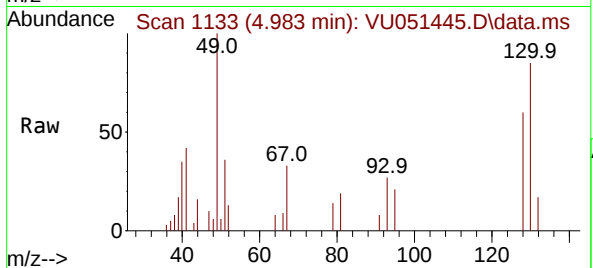
Tgt Ion: 41	Resp: 2680
Ion Ratio	Lower Upper
41 100	
67 86.1	69.6 104.4
39 55.3	42.2 63.4
52 30.5	28.9 43.3

Manual Integrations

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Reviewed By :Krupa Patel 10/25/2022

Supervised By :Mahesh Dadoda 10/25/2022



#40

Methyl acrylate

Concen: 0.697 ug/l

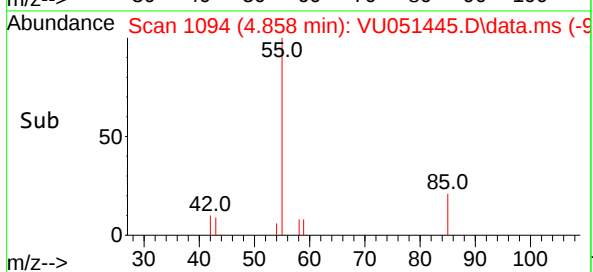
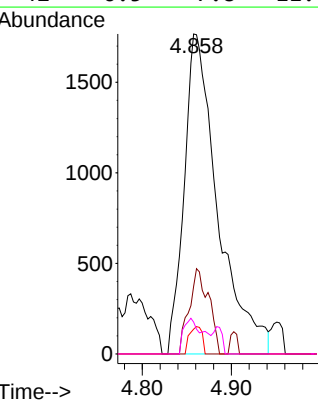
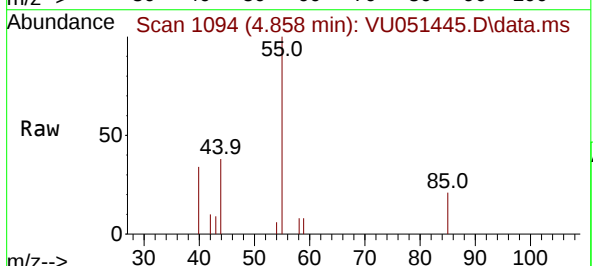
RT: 4.858 min Scan# 1094

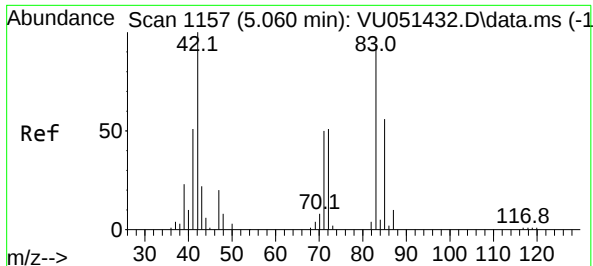
Delta R.T. 0.010 min

Lab File: VU051445.D

Acq: 18 Oct 2022 16:47

Tgt Ion: 55	Resp: 4642
Ion Ratio	Lower Upper
55 100	
85 15.5	15.0 22.6
58 3.2	7.5 11.3#
42 6.5	7.8 11.6#





#41

Tetrahydrofuran

Concen: 1.235 ug/l

RT: 5.070 min Scan# 1157

Delta R.T. 0.010 min

Lab File: VU051445.D

Acq: 18 Oct 2022 16:47

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

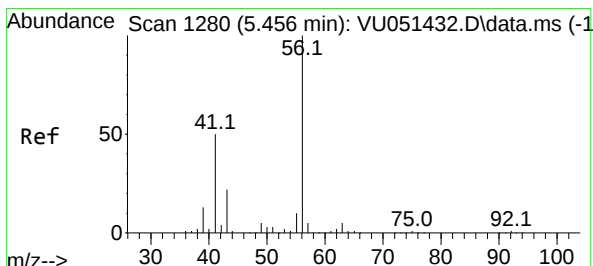
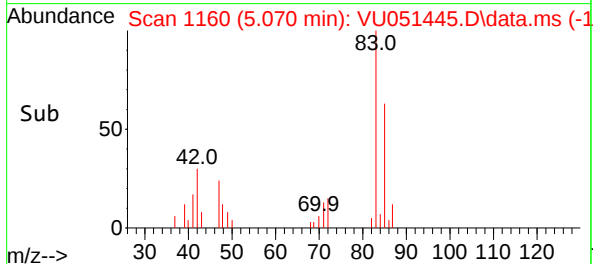
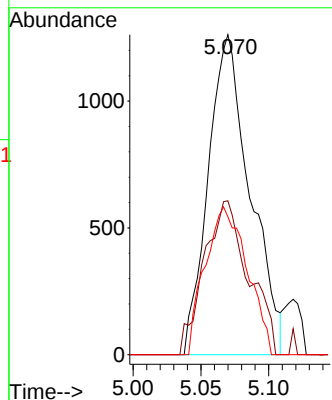
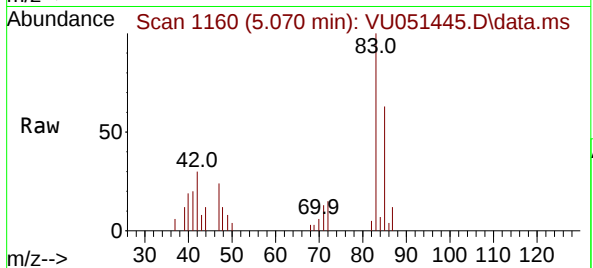
Tgt Ion: 42	Resp: 2709
Ion Ratio	Lower Upper
42	100
72	50.9 42.6 64.0
71	46.4 38.3 57.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/25/2022

Supervised By :Mahesh Dadoda 10/25/2022



#42

1-Chlorobutane

Concen: 0.620 ug/l

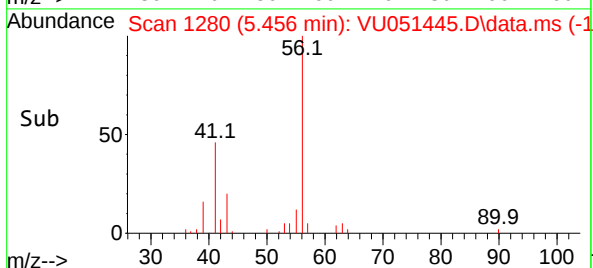
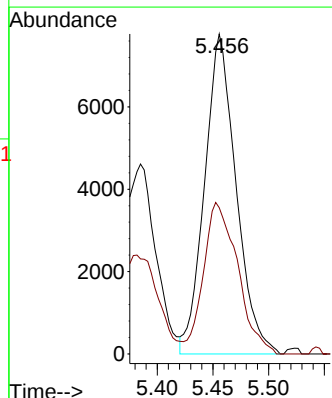
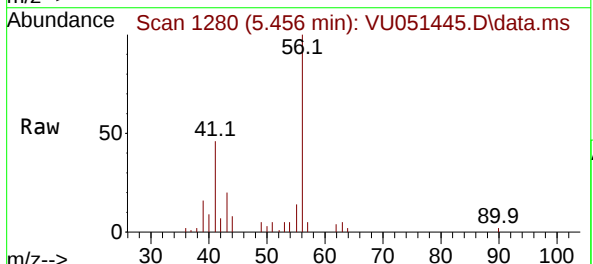
RT: 5.456 min Scan# 1280

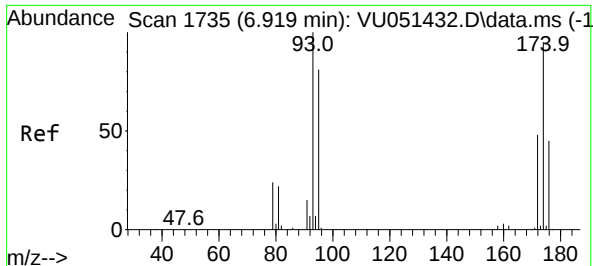
Delta R.T. 0.000 min

Lab File: VU051445.D

Acq: 18 Oct 2022 16:47

Tgt Ion: 56	Resp: 15271
Ion Ratio	Lower Upper
56	100
41	51.4 24.8 74.4





#43

Dibromomethane

Concen: 0.659 ug/l

RT: 6.919 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VU051445.D

Acq: 18 Oct 2022 16:47

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

Tgt Ion: 93 Resp: 568

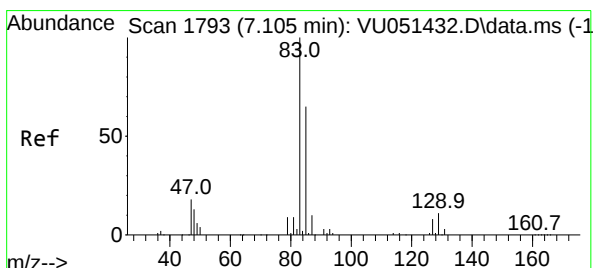
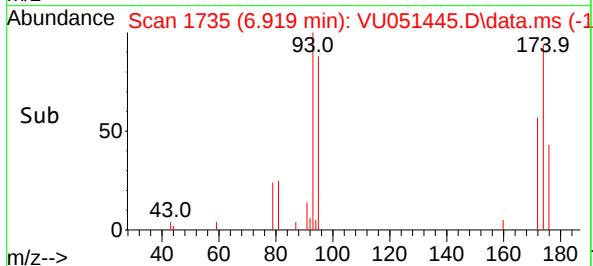
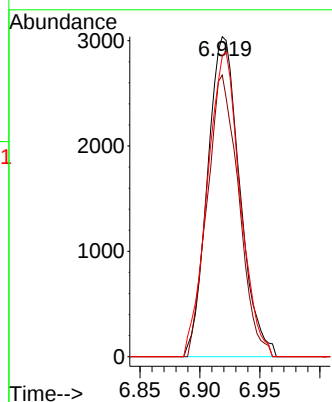
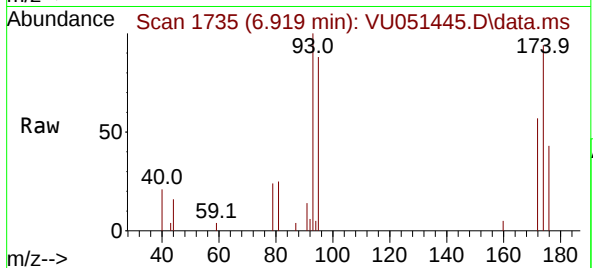
Ion	Ratio	Lower	Upper
93	100		
95	86.0	66.7	100.1
174	96.4	75.5	113.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/25/2022

Supervised By :Mahesh Dadoda 10/25/2022



#44

Bromodichloromethane

Concen: 0.692 ug/l

RT: 7.105 min Scan# 1793

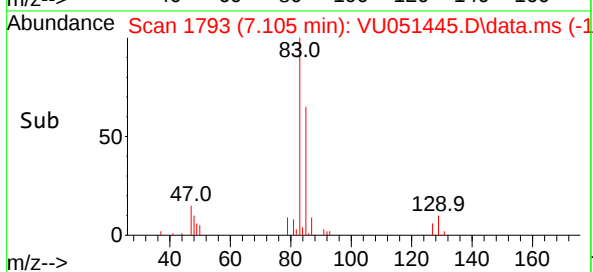
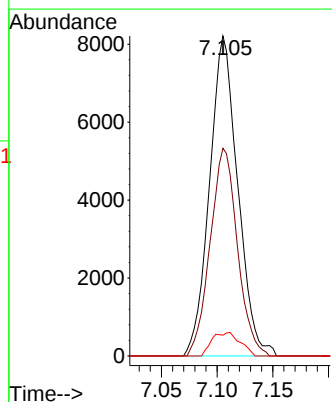
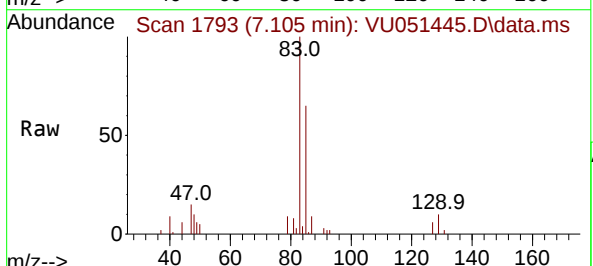
Delta R.T. 0.000 min

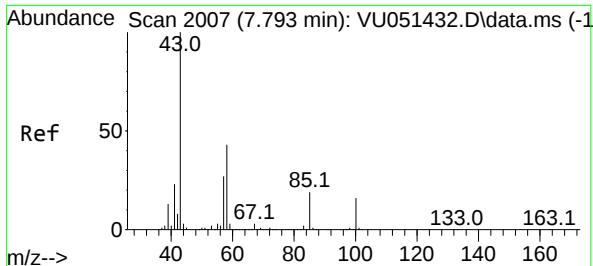
Lab File: VU051445.D

Acq: 18 Oct 2022 16:47

Tgt Ion: 83 Resp: 14448

Ion	Ratio	Lower	Upper
83	100		
85	64.9	52.1	78.1
127	6.5	6.8	10.2





#45

4-Methyl-2-Pentanone

Concen: 2.938 ug/l

RT: 7.793 min Scan# 2007

Delta R.T. 0.000 min

Lab File: VU051445.D

Acq: 18 Oct 2022 16:47

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

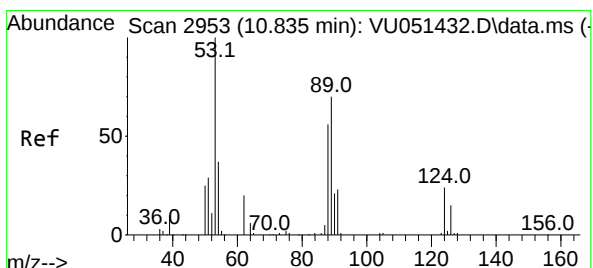
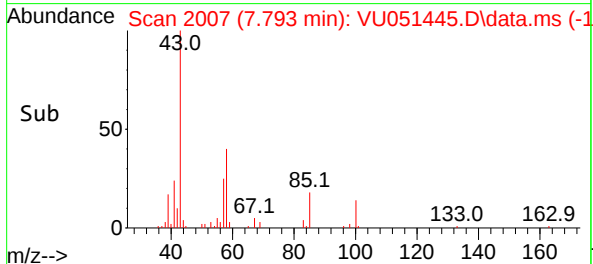
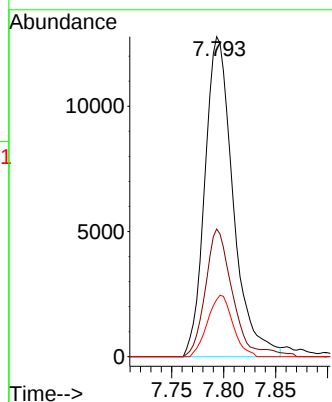
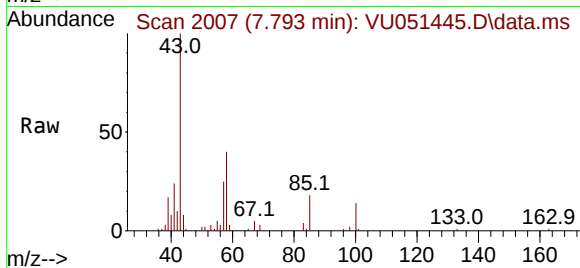
Tgt Ion: 43	Resp: 2412
Ion Ratio	Lower Upper
43 100	
58 38.7	21.4 64.3
85 17.2	15.4 23.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/25/2022

Supervised By :Mahesh Dadoda 10/25/2022



#46

t-1,4-Dichloro-2-butene

Concen: 1.655 ug/l m

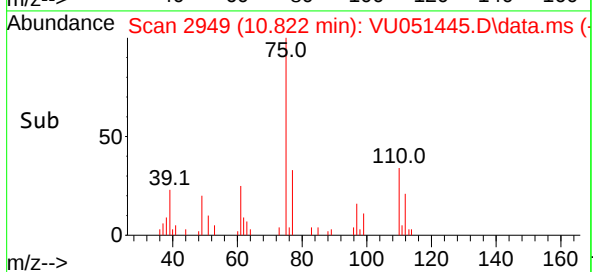
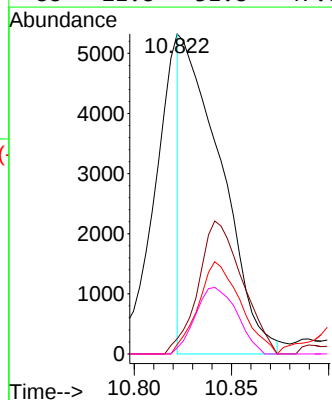
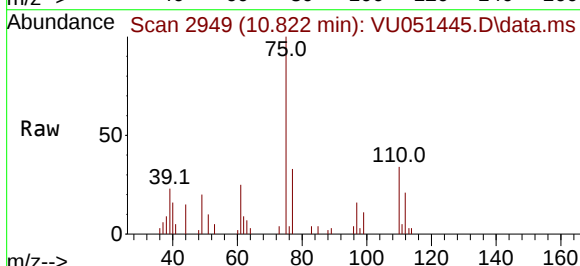
RT: 10.822 min Scan# 2949

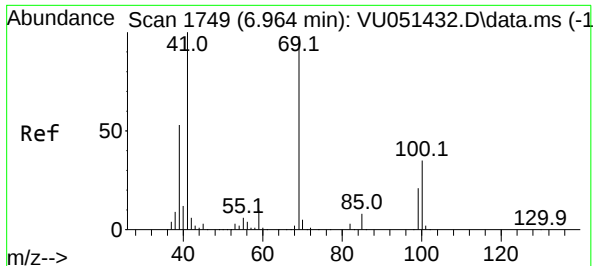
Delta R.T. -0.013 min

Lab File: VU051445.D

Acq: 18 Oct 2022 16:47

Tgt Ion: 75	Resp: 7585
Ion Ratio	Lower Upper
75 100	
53 45.8	61.1 91.7#
89 30.6	41.0 61.6#
88 21.8	31.8 47.8#





#47

Methyl methacrylate

Concen: 1.096 ug/l

RT: 6.967 min Scan# 1750

Delta R.T. 0.003 min

Lab File: VU051445.D

Acq: 18 Oct 2022 16:47

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

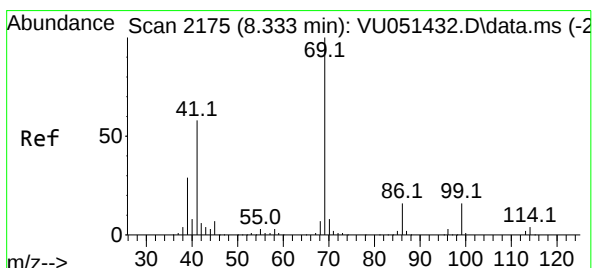
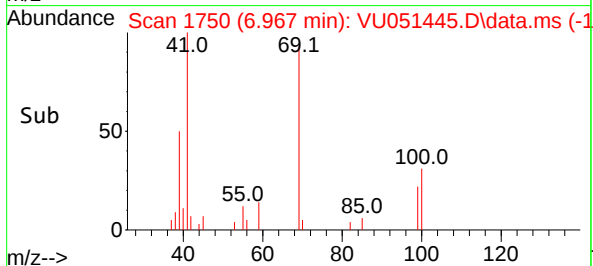
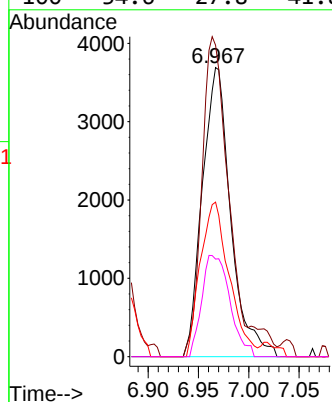
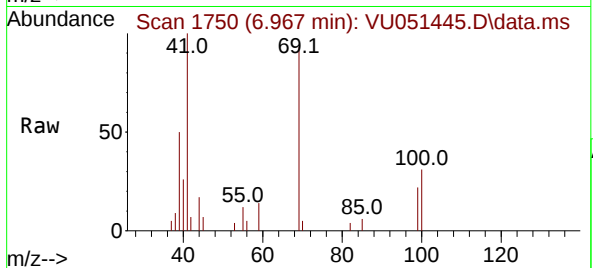
Tgt Ion:	69	Resp:	7229
Ion	Ratio	Lower	Upper
69	100		
41	108.1	0.0	200.8
39	54.5	44.1	66.1
100	34.6	27.8	41.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/25/2022

Supervised By :Mahesh Dadoda 10/25/2022



#48

Ethyl methacrylate

Concen: 0.542 ug/l

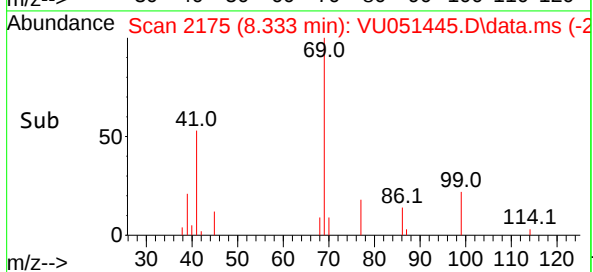
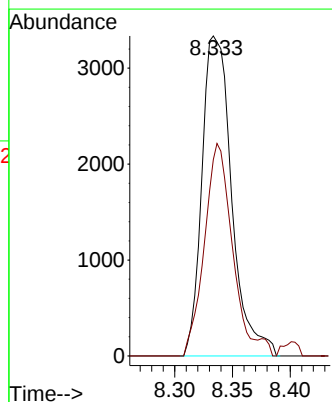
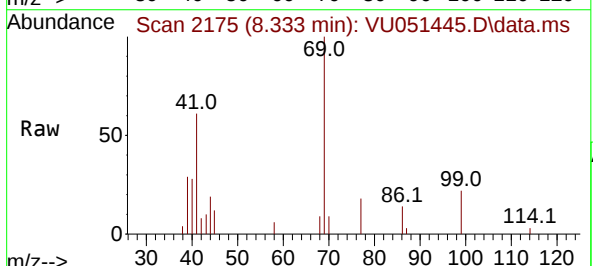
RT: 8.333 min Scan# 2175

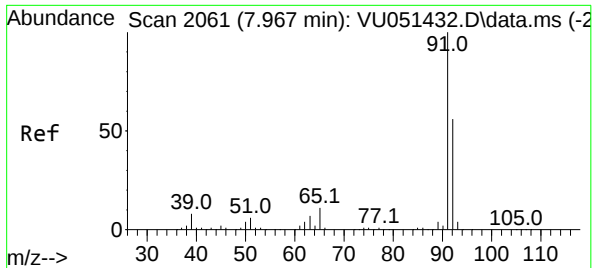
Delta R.T. 0.000 min

Lab File: VU051445.D

Acq: 18 Oct 2022 16:47

Tgt Ion:	69	Resp:	5983
Ion	Ratio	Lower	Upper
69	100		
41	63.2	28.8	86.5





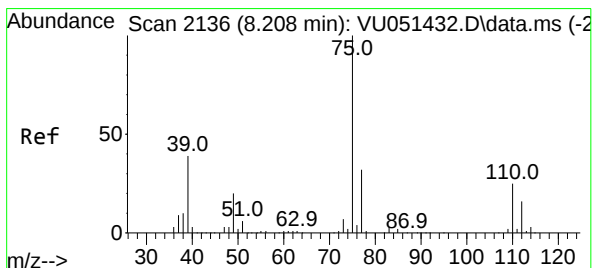
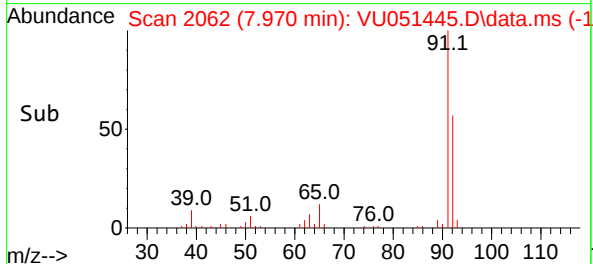
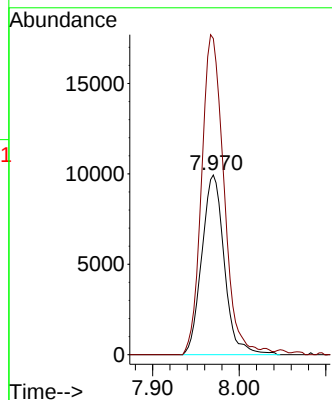
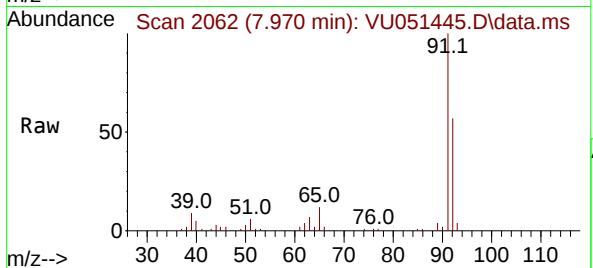
#49
Toluene
Concen: 0.541 ug/l
RT: 7.970 min Scan# 2061
Delta R.T. 0.003 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

Tgt Ion: 92 Resp: 1797
Ion Ratio Lower Upper
92 100
91 176.0 141.8 212.6

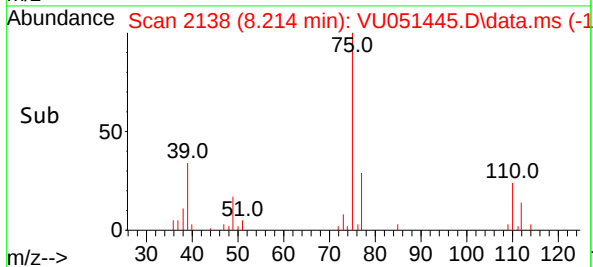
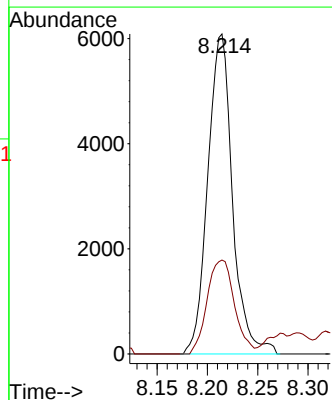
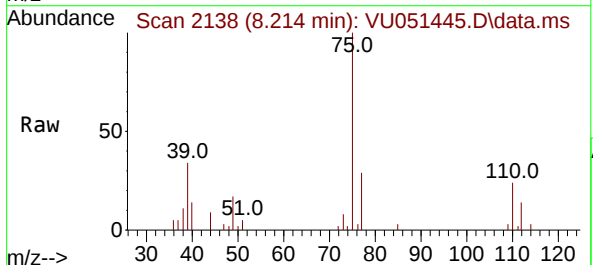
Manual Integrations
APPROVED

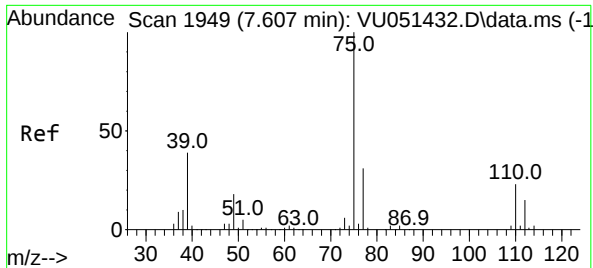
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022



#50
t-1,3-Dichloropropene
Concen: 0.619 ug/l
RT: 8.214 min Scan# 2138
Delta R.T. 0.006 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47

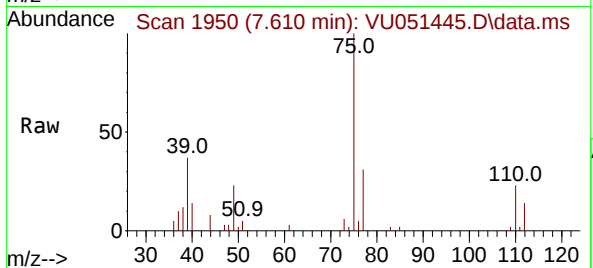
Tgt Ion: 75 Resp: 10391
Ion Ratio Lower Upper
75 100
77 29.4 25.8 38.6





#51
 cis-1,3-Dichloropropene
 Concen: 0.599 ug/l
 RT: 7.610 min Scan# 1950
 Delta R.T. 0.003 min
 Lab File: VU051445.D
 Acq: 18 Oct 2022 16:47

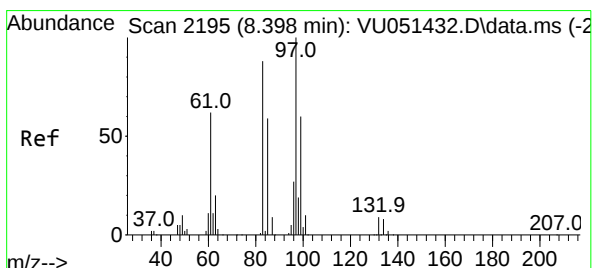
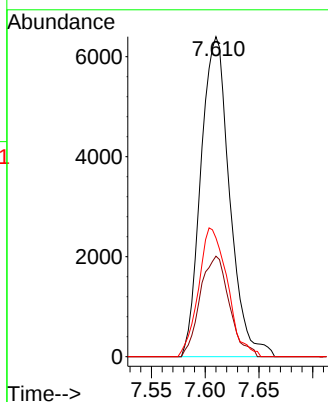
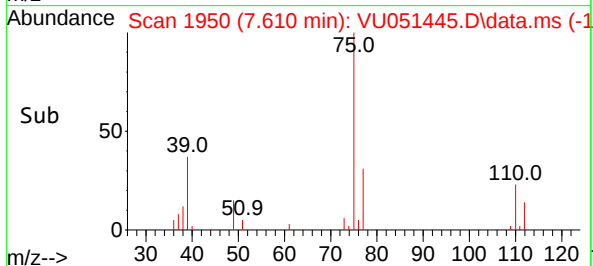
Instrument : MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2022



Tgt Ion: 75 Resp: 1185
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.1 37.7
 39 37.1 31.4 47.0

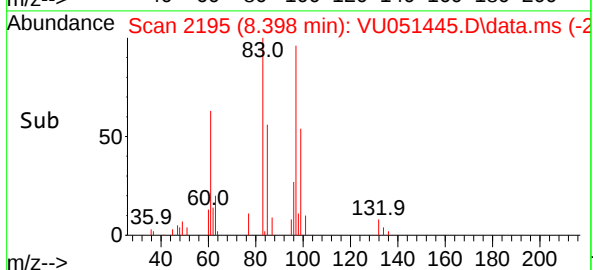
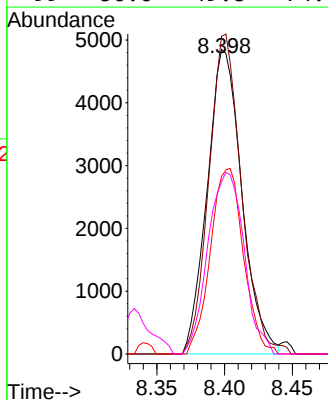
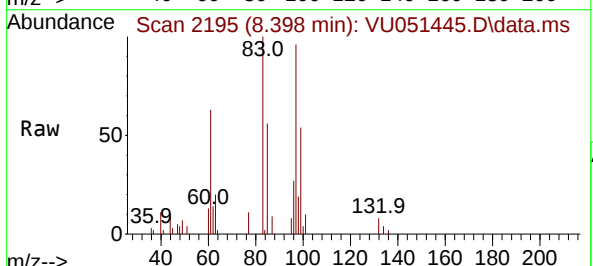
Manual Integrations
 APPROVED

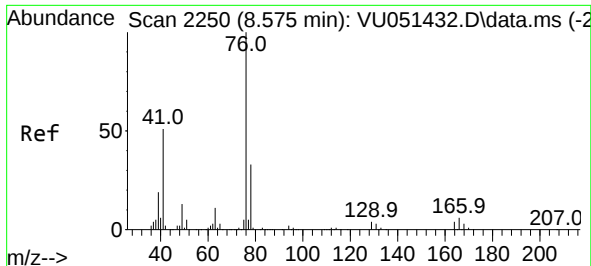
Reviewed By :Krupa Patel 10/25/2022
 Supervised By :Mahesh Dadoda 10/25/2022



#52
 1,1,2-Trichloroethane
 Concen: 0.700 ug/l
 RT: 8.398 min Scan# 2195
 Delta R.T. -0.000 min
 Lab File: VU051445.D
 Acq: 18 Oct 2022 16:47

Tgt Ion: 97 Resp: 8621
 Ion Ratio Lower Upper
 97 100
 83 104.2 70.6 105.8
 85 58.2 47.0 70.4
 99 56.6 49.8 74.8





#53

1,3-Dichloropropane

Concen: 0.657 ug/l

RT: 8.578 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU051445.D

Acq: 18 Oct 2022 16:47

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

Tgt Ion: 76 Resp: 1303

Ion Ratio Lower Upper

76 100

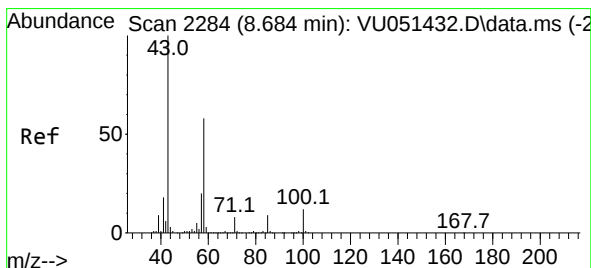
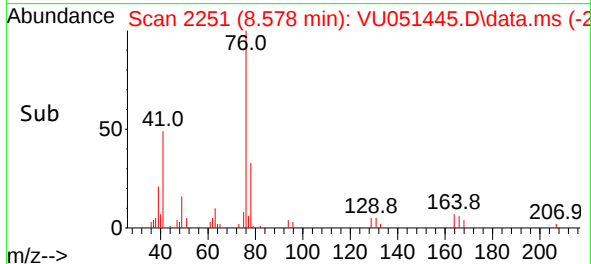
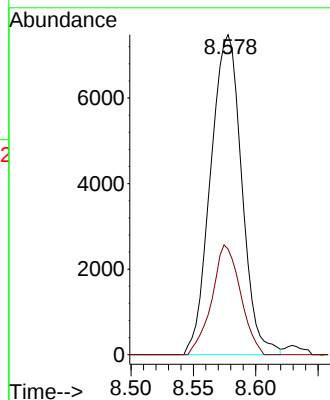
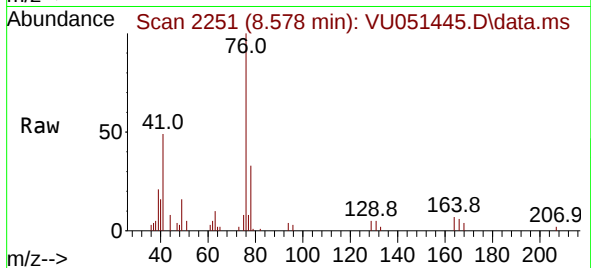
78 31.5 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/25/2022

Supervised By :Mahesh Dadoda 10/25/2022



#54

2-Hexanone

Concen: 2.812 ug/l

RT: 8.687 min Scan# 2285

Delta R.T. 0.003 min

Lab File: VU051445.D

Acq: 18 Oct 2022 16:47

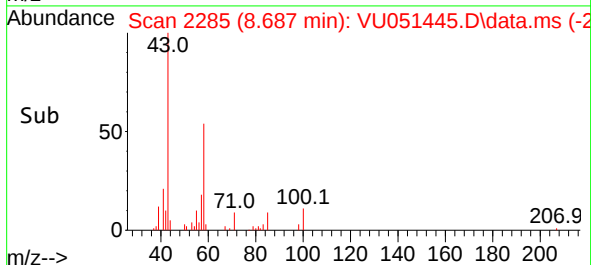
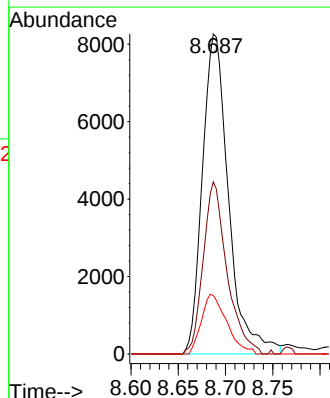
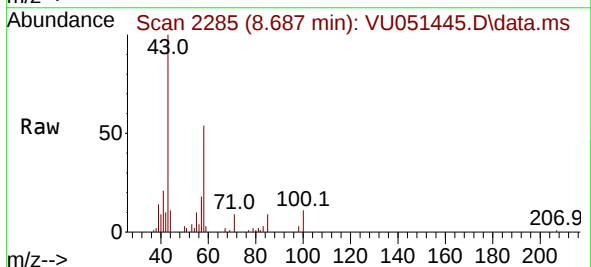
Tgt Ion: 43 Resp: 15876

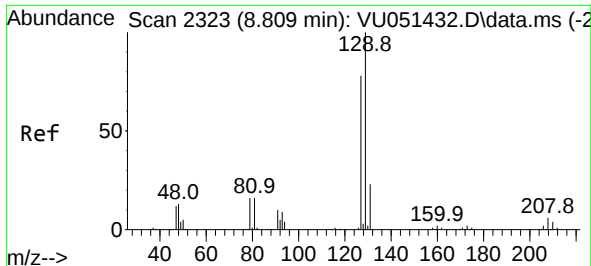
Ion Ratio Lower Upper

43 100

58 49.1 38.0 78.0

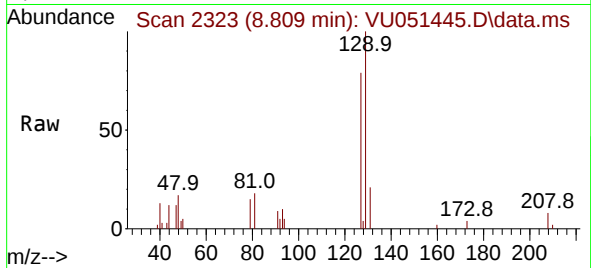
57 18.0 0.0 39.9





#55
Dibromochloromethane
Concen: 0.700 ug/l
RT: 8.809 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47

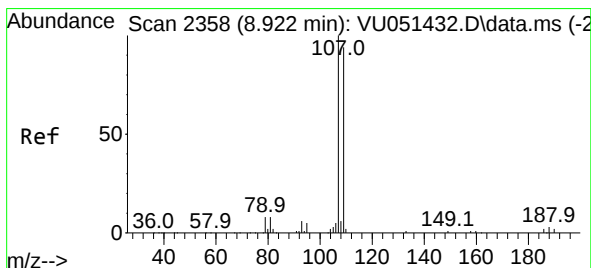
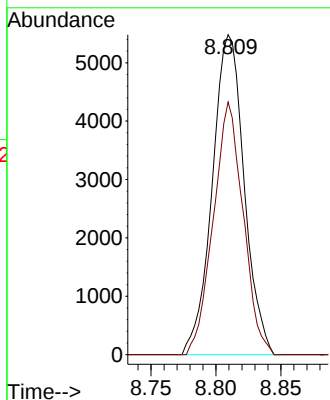
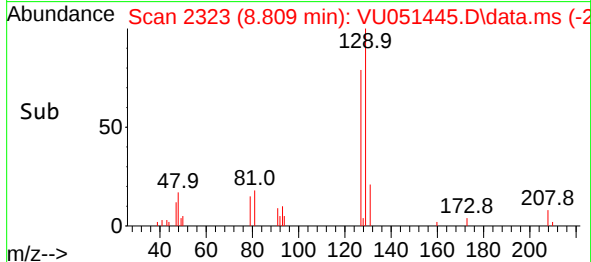
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



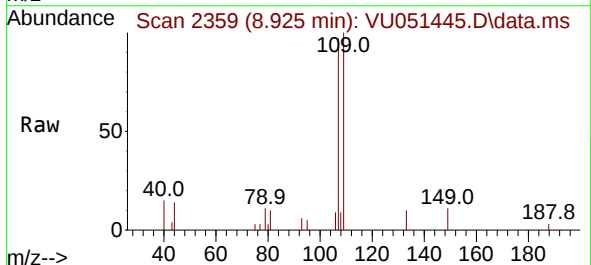
Tgt Ion:129 Resp: 9369
Ion Ratio Lower Upper
129 100
127 73.7 62.1 93.1

Manual Integrations
APPROVED

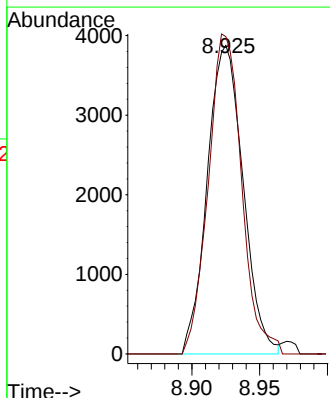
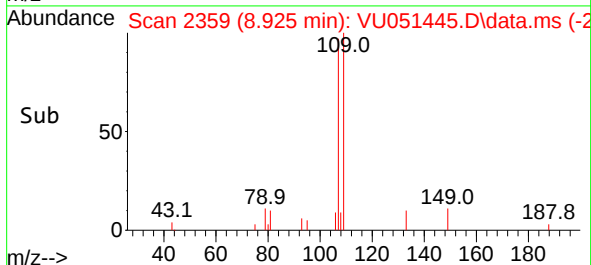
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022

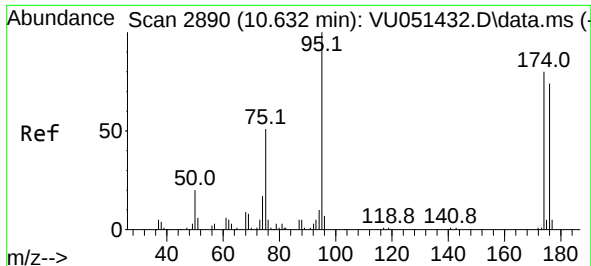


#56
1,2-Dibromoethane
Concen: 0.658 ug/l
RT: 8.925 min Scan# 2359
Delta R.T. 0.003 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47



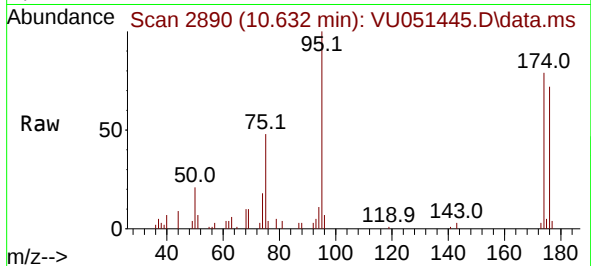
Tgt Ion:107 Resp: 7129
Ion Ratio Lower Upper
107 100
109 96.3 0.0 190.6





#57
4-Bromofluorobenzene
Concen: 0.802 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.000 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47

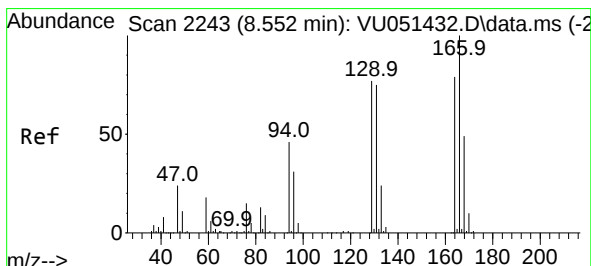
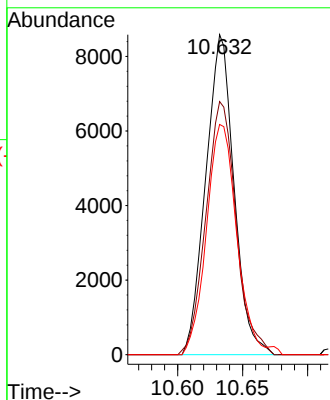
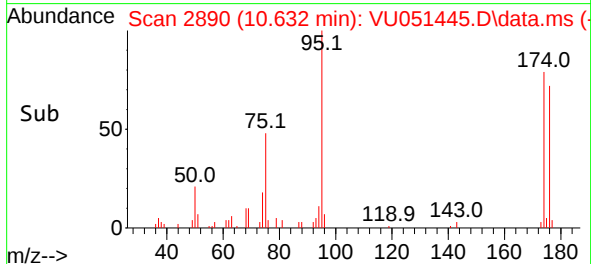
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT4-2022



Tgt Ion: 95 Resp: 12964
Ion Ratio Lower Upper
95 100
174 84.3 63.0 94.6
176 77.5 59.8 89.6

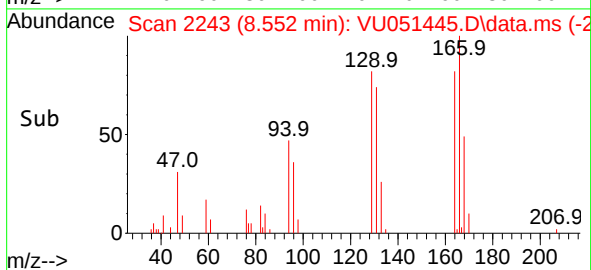
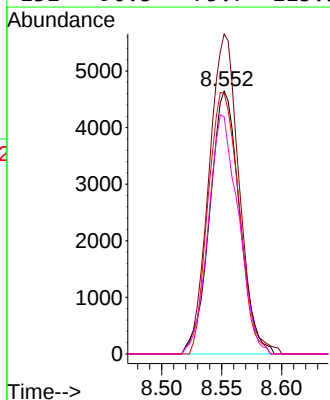
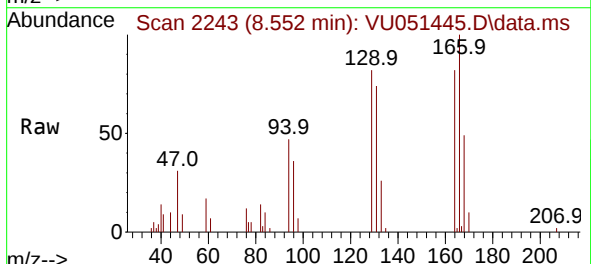
Manual Integrations
APPROVED

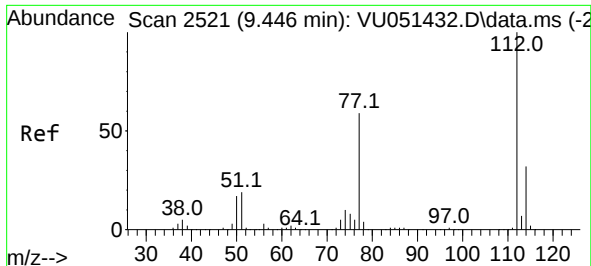
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022



#58
Tetrachloroethene
Concen: 0.649 ug/l
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47

Tgt Ion:164 Resp: 8034
Ion Ratio Lower Upper
164 100
166 121.7 100.9 151.3
129 99.3 77.5 116.3
131 90.3 75.7 113.5





#59

Chlorobenzene

Concen: 0.605 ug/l

RT: 9.446 min Scan# 2521

Delta R.T. 0.000 min

Lab File: VU051445.D

Acq: 18 Oct 2022 16:47

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

Tgt Ion:112 Resp: 2204

Ion Ratio Lower Upper

112 100

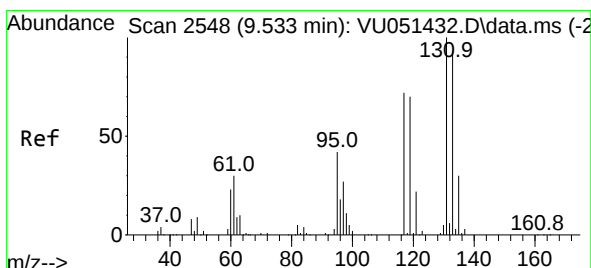
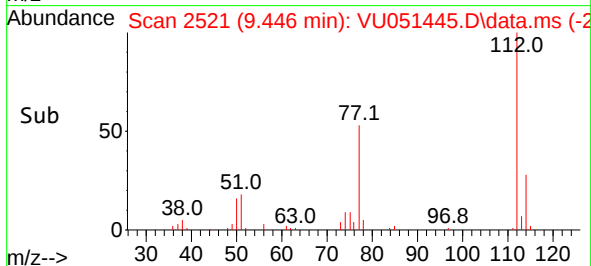
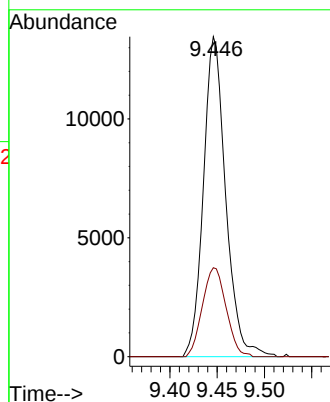
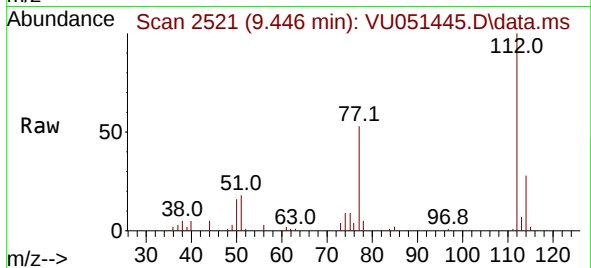
114 27.8 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/25/2022

Supervised By :Mahesh Dadoda 10/25/2022



#60

1,1,1,2-Tetrachloroethane

Concen: 0.701 ug/l

RT: 9.536 min Scan# 2549

Delta R.T. 0.003 min

Lab File: VU051445.D

Acq: 18 Oct 2022 16:47

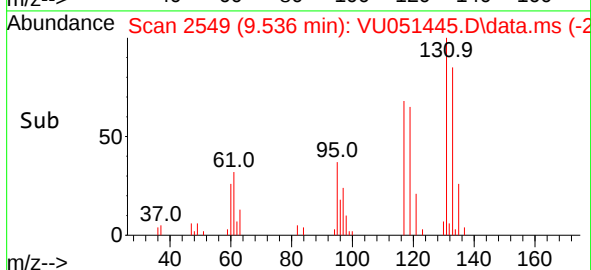
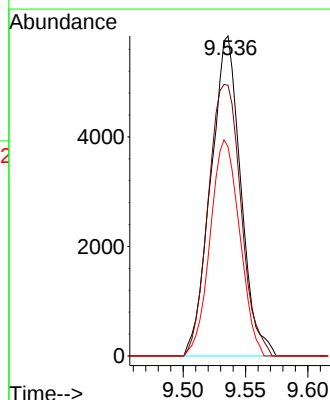
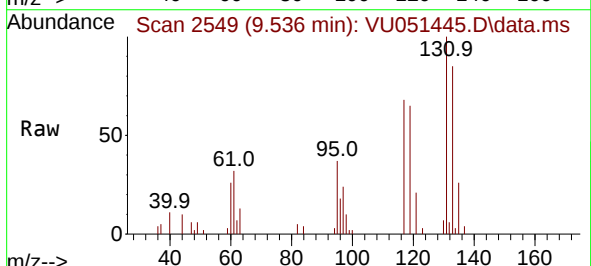
Tgt Ion:131 Resp: 9794

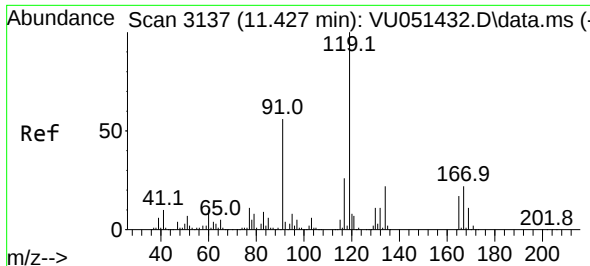
Ion Ratio Lower Upper

131 100

133 92.4 76.5 114.7

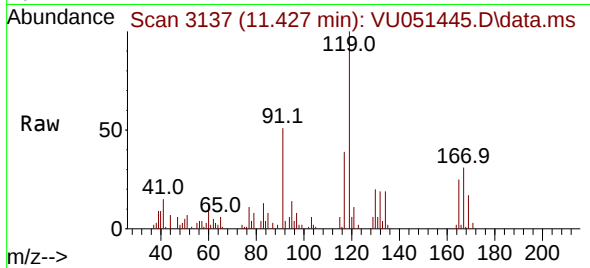
119 66.3 56.5 84.7





#61
Pentachloroethane
Concen: 0.673 ug/l
RT: 11.427 min Scan# 3137
Delta R.T. -0.000 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47

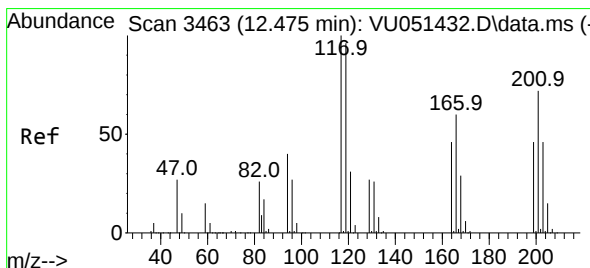
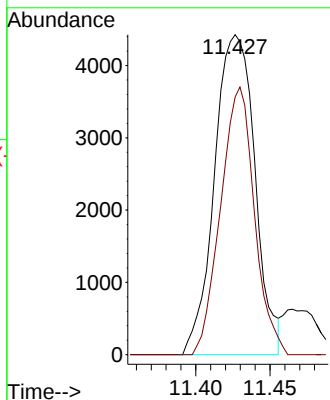
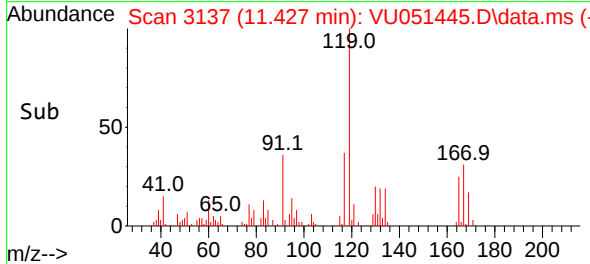
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



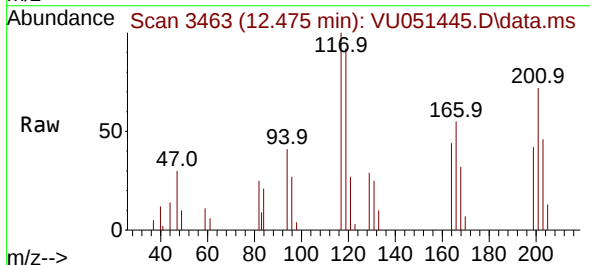
Tgt Ion:117 Resp: 838
Ion Ratio Lower Upper
117 100
167 70.0 63.3 94.9

Manual Integrations
APPROVED

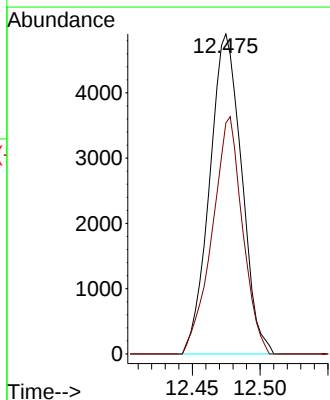
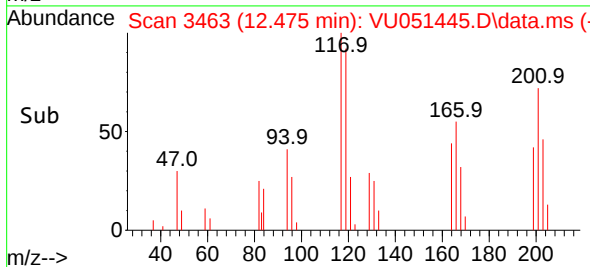
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022

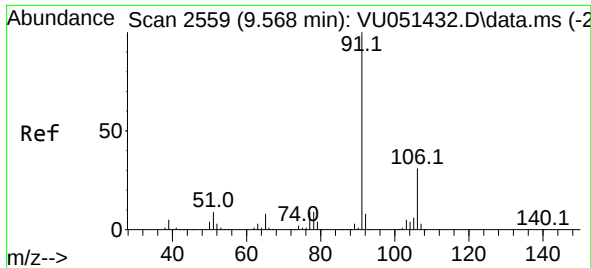


#62
Hexachloroethane
Concen: 0.679 ug/l
RT: 12.475 min Scan# 3463
Delta R.T. 0.000 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47



Tgt Ion:117 Resp: 8029
Ion Ratio Lower Upper
117 100
201 70.5 57.4 86.2





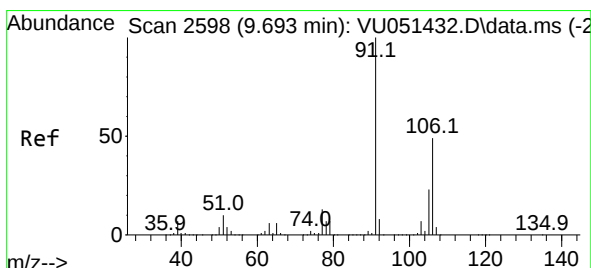
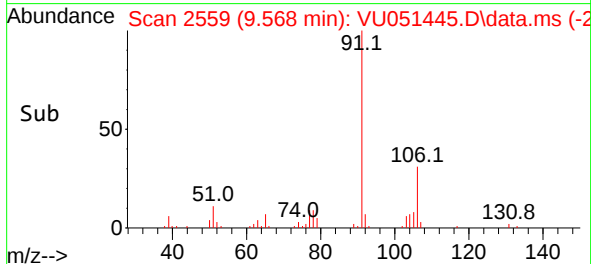
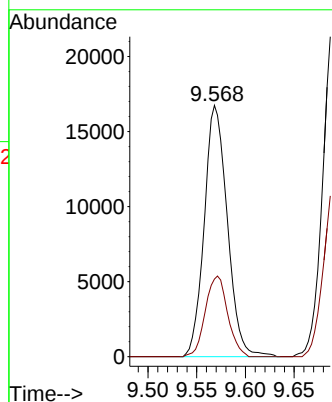
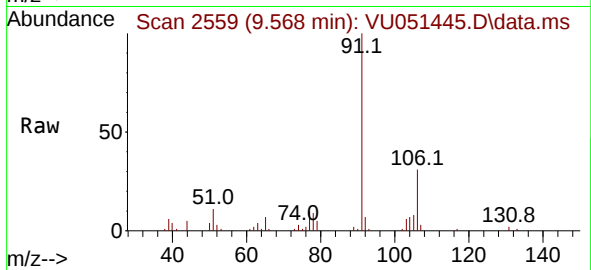
#63
Ethyl Benzene
Concen: 0.499 ug/l
RT: 9.568 min Scan# 2559
Delta R.T. 0.000 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47

Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

Tgt Ion: 91 Resp: 2758
Ion Ratio Lower Upper
91 100
106 30.8 24.9 37.3

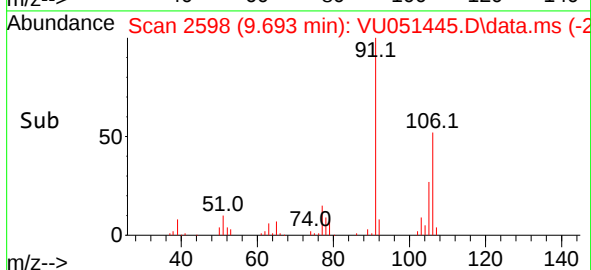
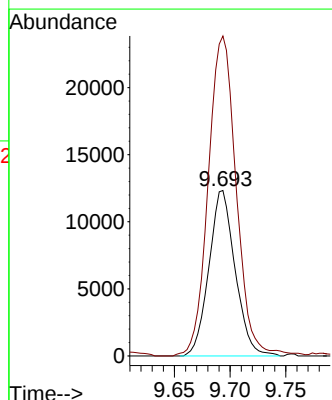
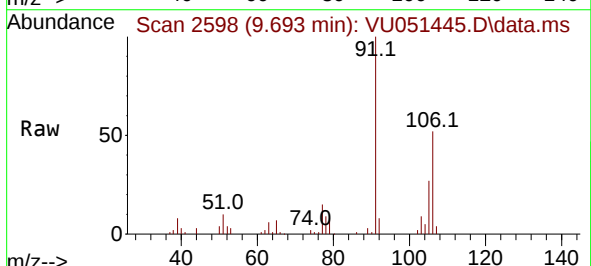
Manual Integrations
APPROVED

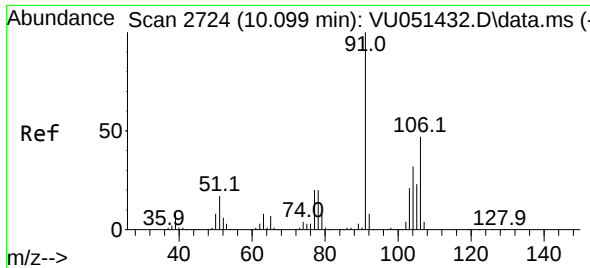
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022



#64
m/p-Xylenes
Concen: 0.917 ug/l
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47

Tgt Ion:106 Resp: 20215
Ion Ratio Lower Upper
106 100
91 206.7 163.2 244.8





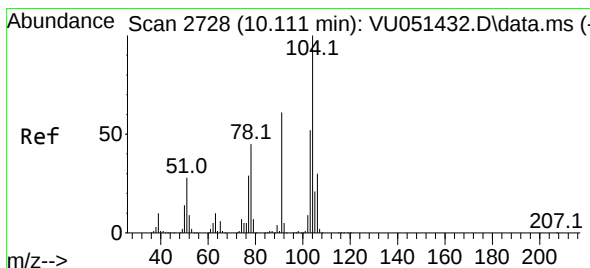
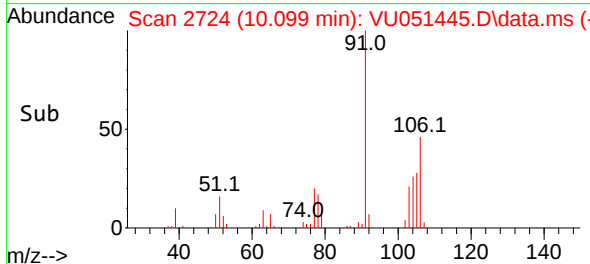
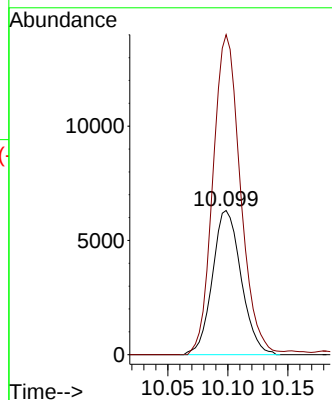
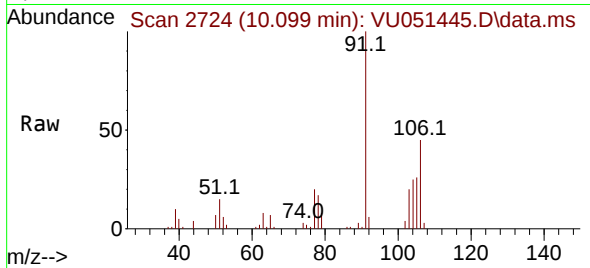
#65
o-Xylene
Concen: 0.490 ug/l
RT: 10.099 min Scan# 2106
Delta R.T. -0.000 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47

Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT4-2022

Tgt Ion:106 Resp: 1050
Ion Ratio Lower Upper
106 100
91 212.2 107.1 321.3

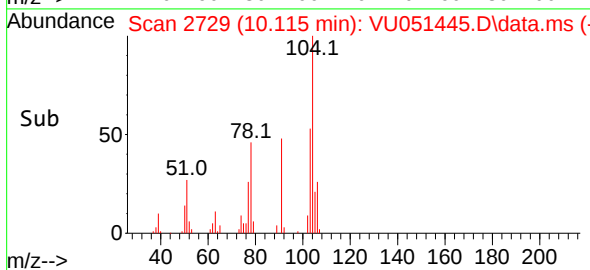
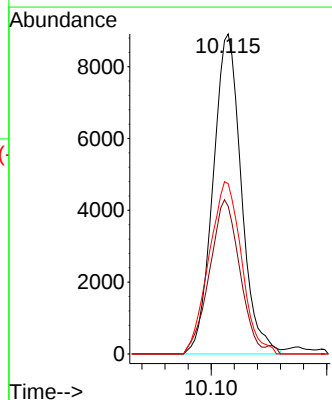
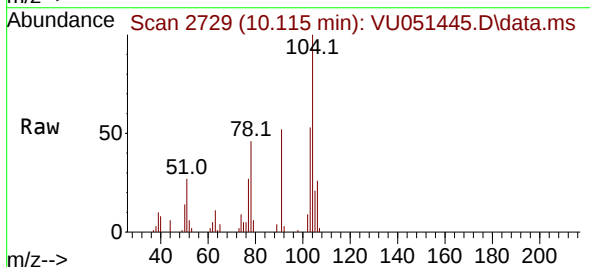
Manual Integrations
APPROVED

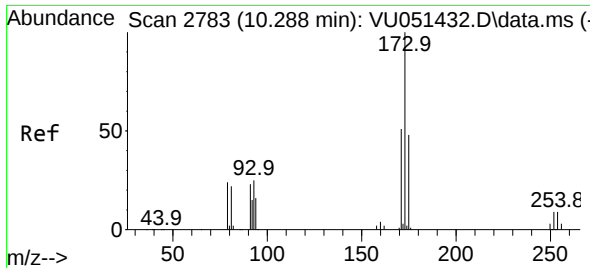
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022



#66
Styrene
Concen: 0.426 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. 0.004 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47

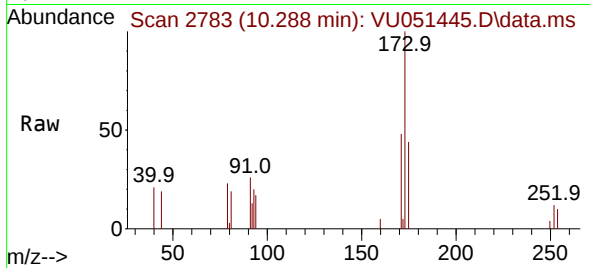
Tgt Ion:104 Resp: 15152
Ion Ratio Lower Upper
104 100
78 51.3 39.7 59.5
103 61.8 44.4 66.6





#67
Bromoform
Concen: 0.718 ug/l
RT: 10.288 min Scan# 2783
Delta R.T. 0.000 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47

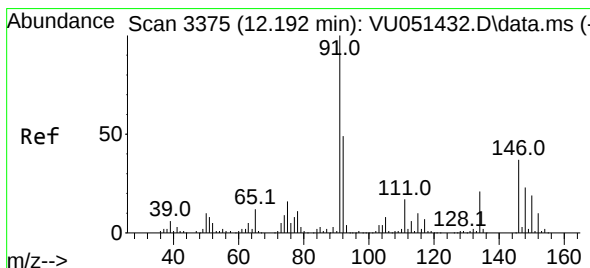
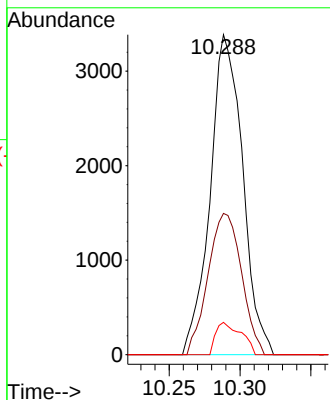
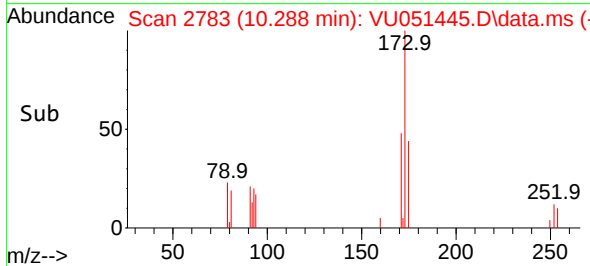
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



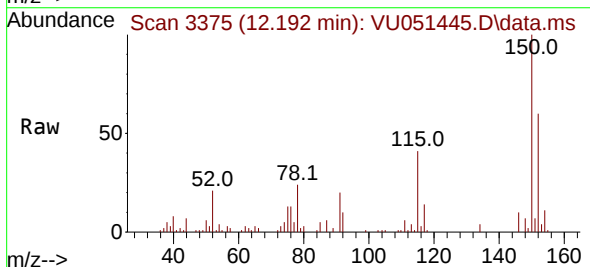
Tgt Ion:173 Resp: 539
Ion Ratio Lower Upper
173 100
175 45.5 38.6 58.0
254 7.8 7.3 10.9

Manual Integrations
APPROVED

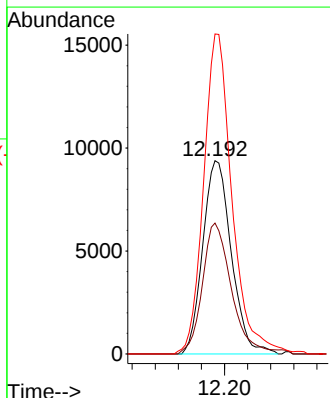
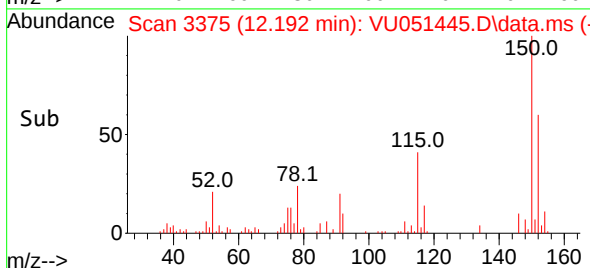
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022

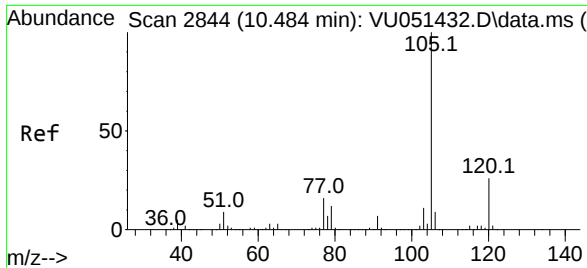


#68
1,2-Dichlorobenzene-d4
Concen: 0.893 ug/l
RT: 12.192 min Scan# 3375
Delta R.T. 0.000 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47



Tgt Ion:152 Resp: 16125
Ion Ratio Lower Upper
152 100
115 69.3 0.0 333.0
150 164.9 0.0 662.0





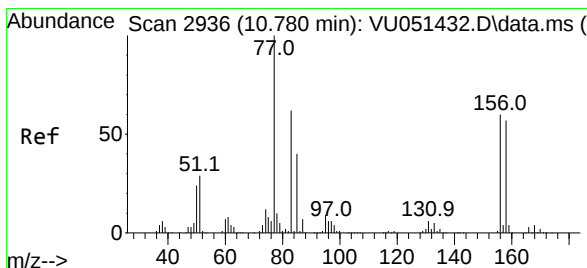
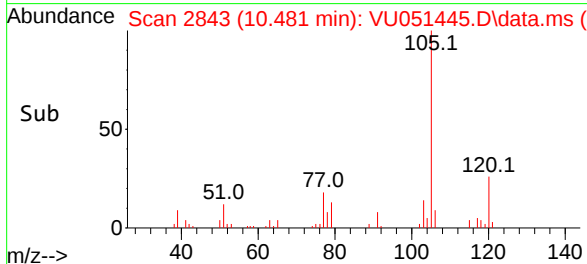
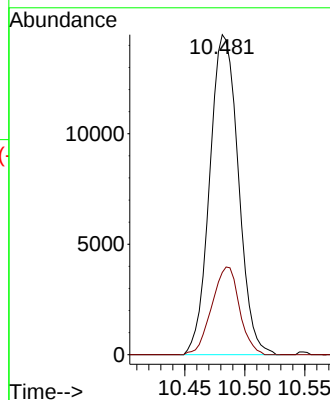
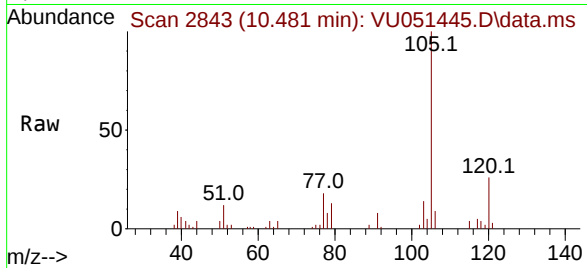
#69
Isopropylbenzene
Concen: 0.455 ug/l
RT: 10.481 min Scan# 2844
Delta R.T. -0.003 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47

Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT4-2022

Tgt Ion:105 Resp: 2402
Ion Ratio Lower Upper
105 100
120 26.4 13.0 39.0

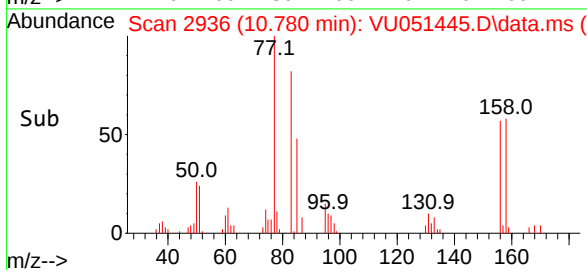
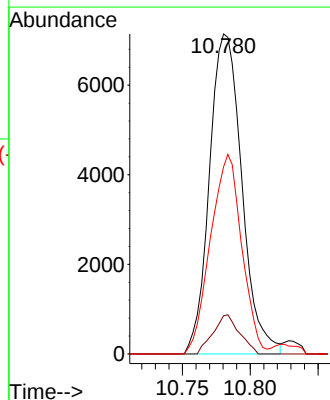
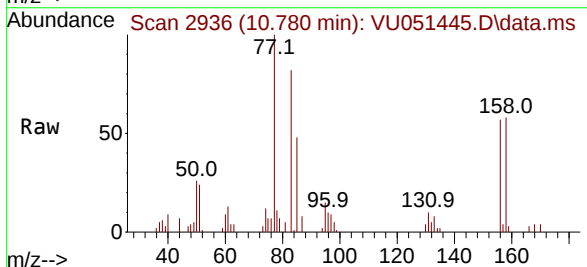
Manual Integrations
APPROVED

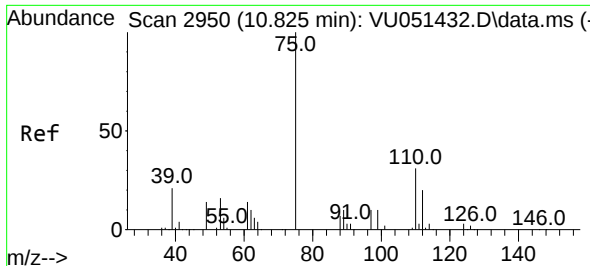
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022



#70
1,1,2,2-Tetrachloroethane
Concen: 0.713 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. 0.000 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47

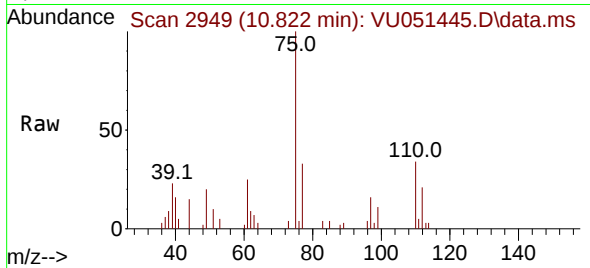
Tgt Ion: 83 Resp: 11867
Ion Ratio Lower Upper
83 100
131 9.9 7.2 10.8
85 60.1 51.4 77.2





#71
1,2,3-Trichloropropane
Concen: 0.783 ug/l m
RT: 10.822 min Scan# 2950
Delta R.T. -0.003 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47

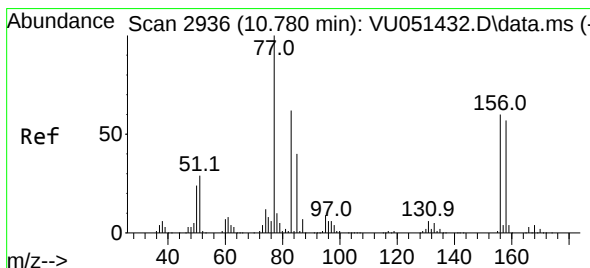
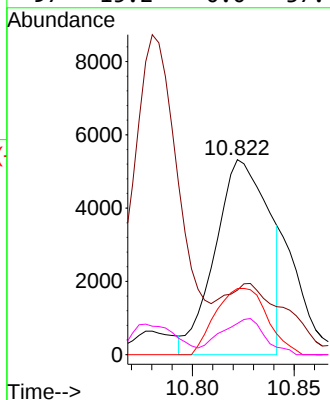
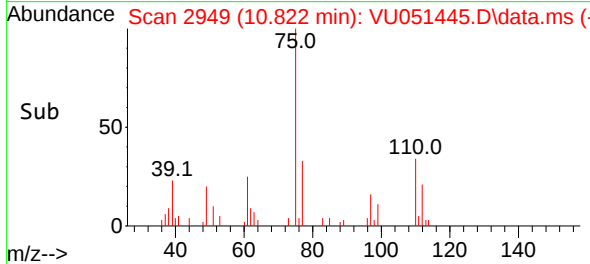
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



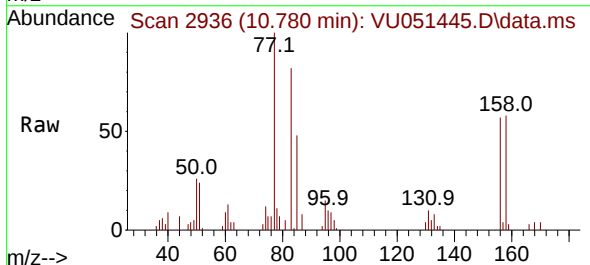
Tgt Ion: 75 Resp: 9690
Ion Ratio Lower Upper
75 100
77 0.0 0.0 111.0
110 33.0 0.0 70.2
97 15.2 0.0 37.4

Manual Integrations
APPROVED

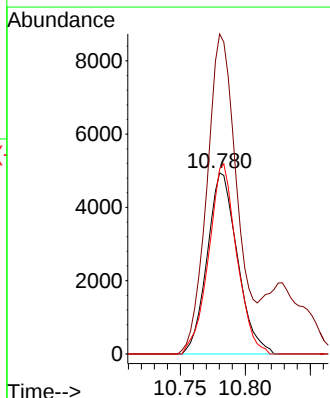
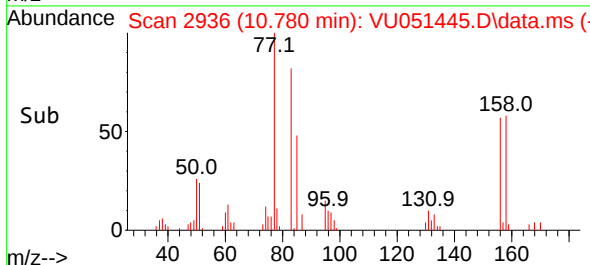
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022

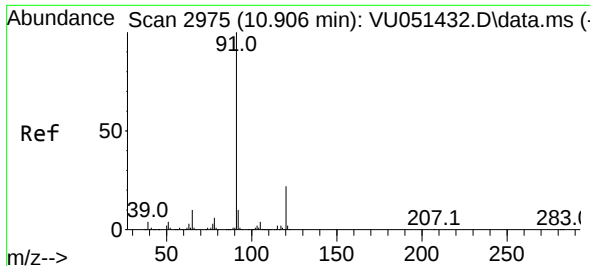


#72
Bromobenzene
Concen: 0.551 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. 0.000 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47



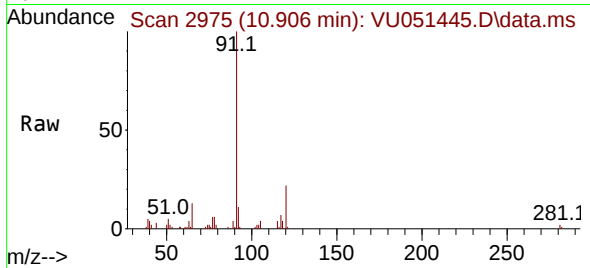
Tgt Ion:156 Resp: 7994
Ion Ratio Lower Upper
156 100
77 175.4 0.0 343.4
158 97.4 0.0 195.6





#73
n-propylbenzene
Concen: 0.399 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. -0.000 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47

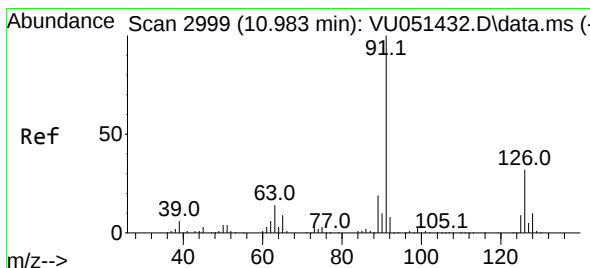
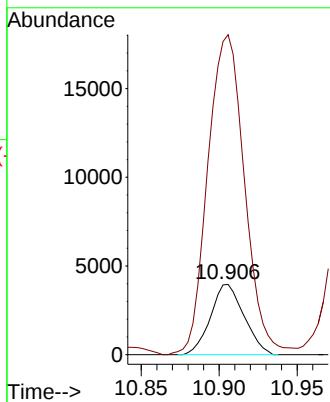
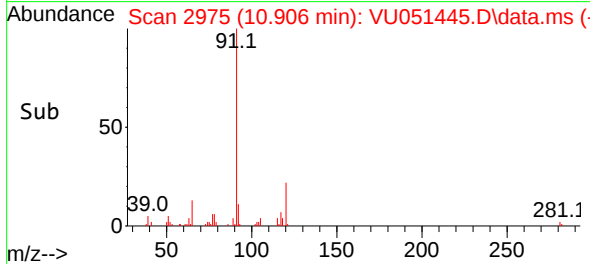
Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



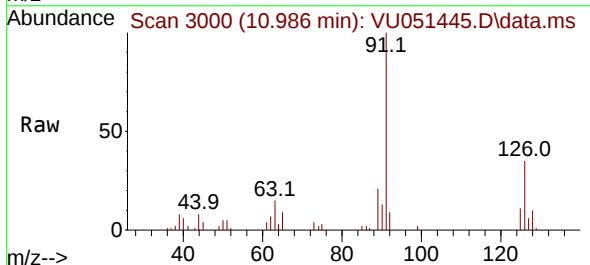
Tgt Ion:120 Resp: 5924
Ion Ratio Lower Upper
120 100
91 501.0 362.3 543.5

Manual Integrations
APPROVED

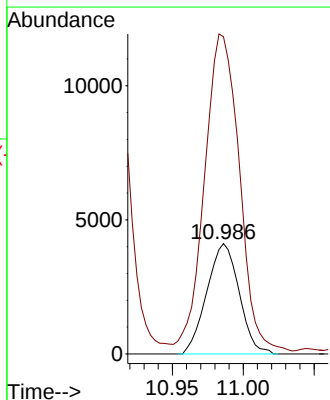
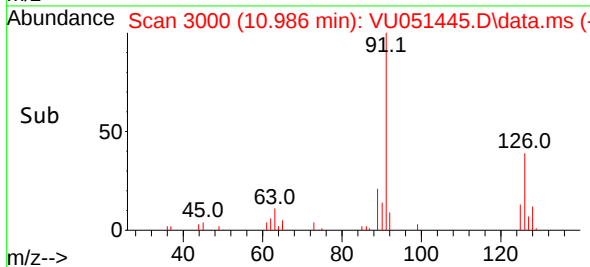
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022

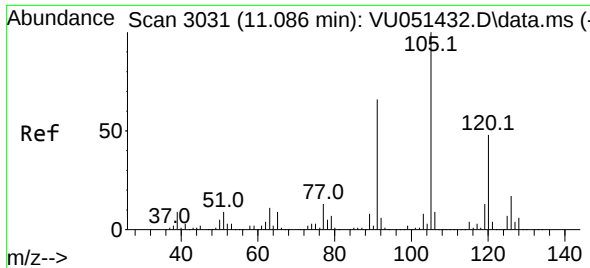


#74
2-Chlorotoluene
Concen: 0.462 ug/l
RT: 10.986 min Scan# 3000
Delta R.T. 0.003 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47



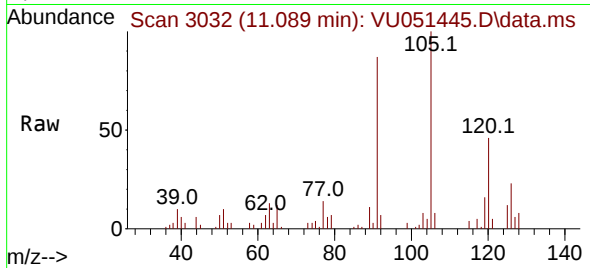
Tgt Ion:126 Resp: 6518
Ion Ratio Lower Upper
126 100
91 309.5 0.0 623.2





#75
1,3,5-Trimethylbenzene
Concen: 0.417 ug/l
RT: 11.089 min Scan# 3031
Delta R.T. 0.003 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47

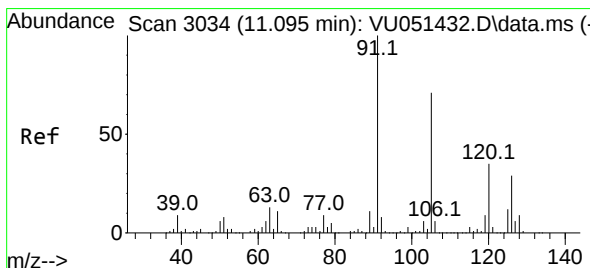
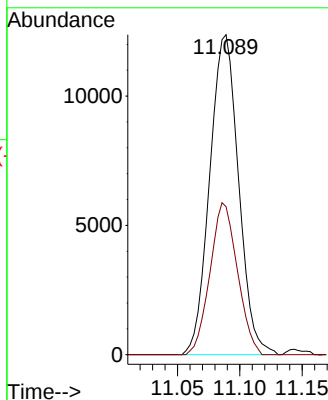
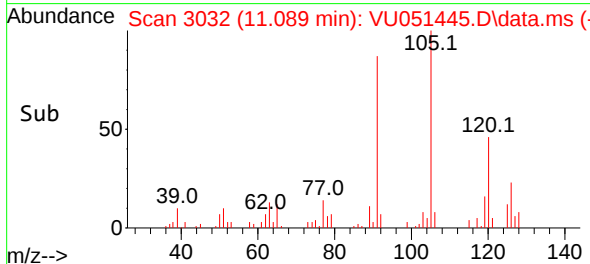
Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



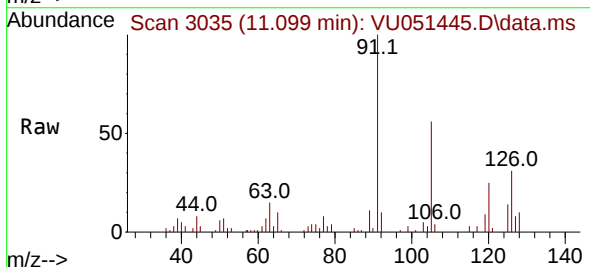
Tgt Ion:105 Resp: 1995
Ion Ratio Lower Upper
105 100
120 45.0 38.2 57.4

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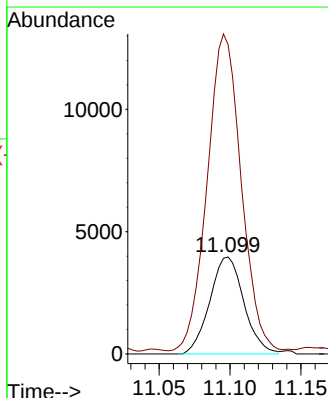
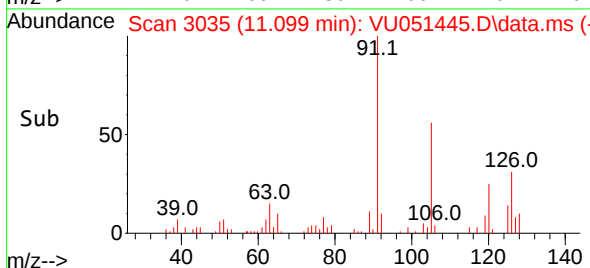
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022

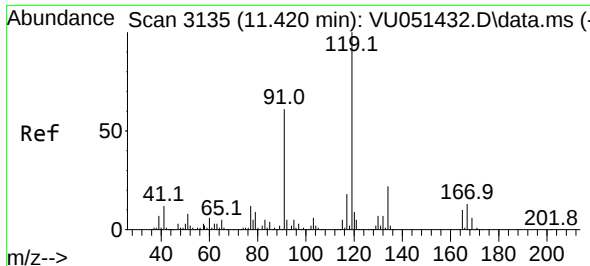


#76
4-Chlorotoluene
Concen: 0.459 ug/l
RT: 11.099 min Scan# 3035
Delta R.T. 0.004 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47



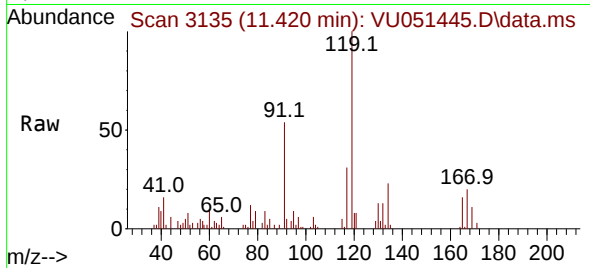
Tgt Ion:126 Resp: 6630
Ion Ratio Lower Upper
126 100
91 324.2 0.0 717.6





#77
tert-Butylbenzene
Concen: 0.498 ug/l
RT: 11.420 min Scan# 3135
Delta R.T. 0.000 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47

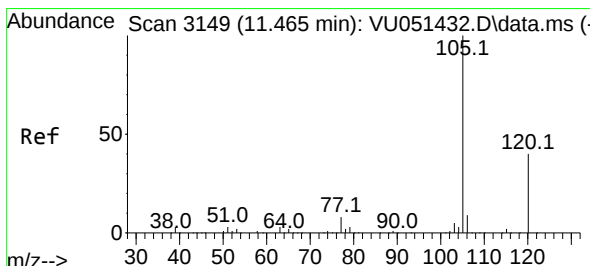
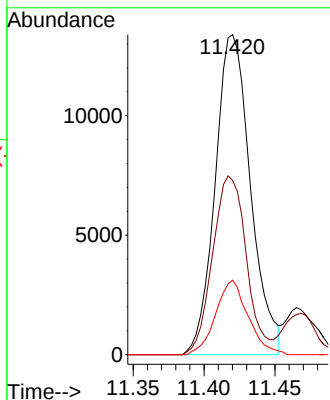
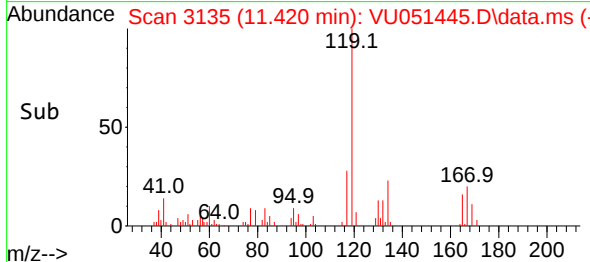
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



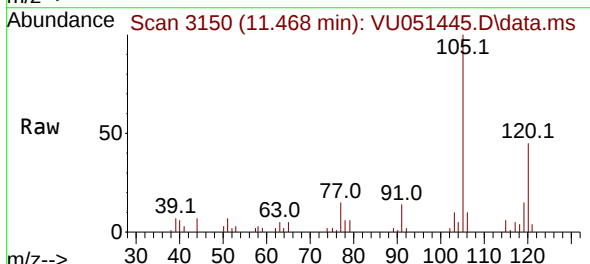
Tgt Ion:119 Resp: 23295
Ion Ratio Lower Upper
119 100
91 53.5 29.8 89.5
134 21.3 17.9 26.9

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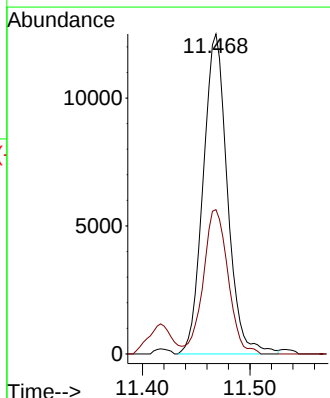
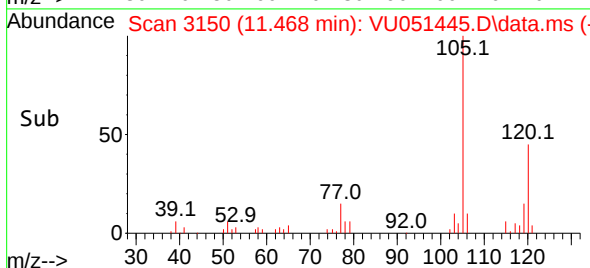
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022

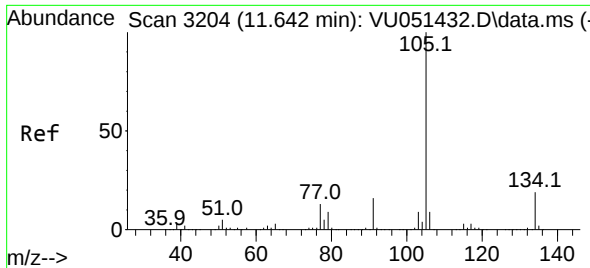


#78
1,2,4-Trimethylbenzene
Concen: 0.393 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.003 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47



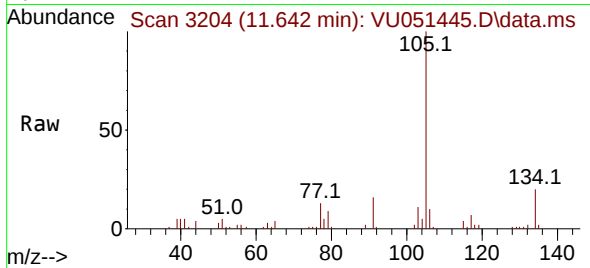
Tgt Ion:105 Resp: 19583
Ion Ratio Lower Upper
105 100
120 46.3 22.1 66.3





#79
 sec-Butylbenzene
 Concen: 0.426 ug/l
 RT: 11.642 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU051445.D
 Acq: 18 Oct 2022 16:47

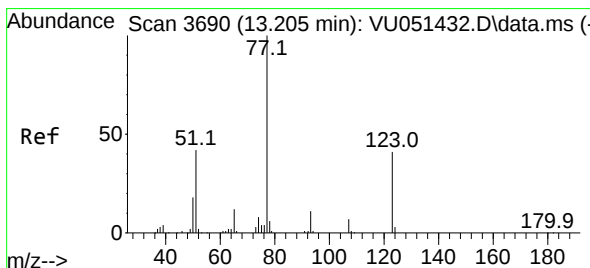
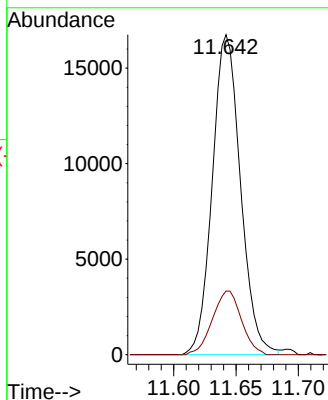
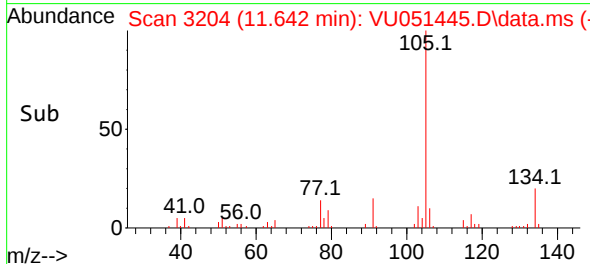
Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2022



Tgt Ion:105 Resp: 2637
 Ion Ratio Lower Upper
 105 100
 134 20.4 15.2 22.8

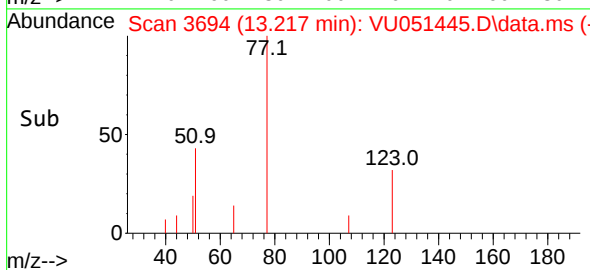
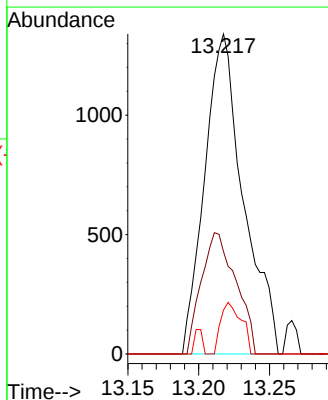
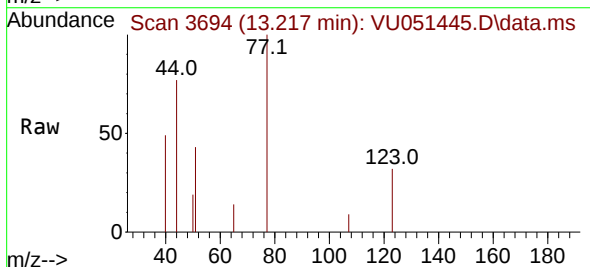
Manual Integrations
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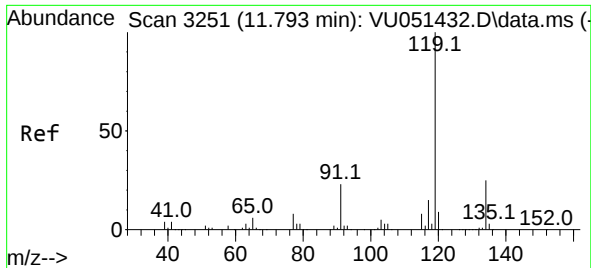
Reviewed By :Krupa Patel 10/25/2022
 Supervised By :Mahesh Dadoda 10/25/2022



#80
 Nitrobenzene
 Concen: 3.089 ug/l
 RT: 13.217 min Scan# 3694
 Delta R.T. 0.013 min
 Lab File: VU051445.D
 Acq: 18 Oct 2022 16:47

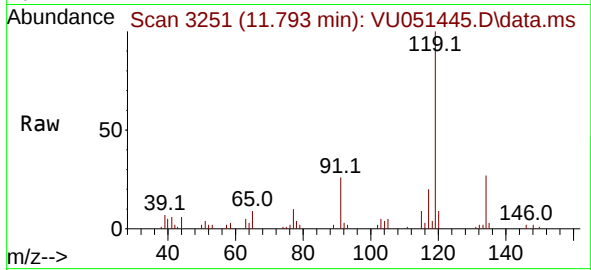
Tgt Ion: 77 Resp: 2547
 Ion Ratio Lower Upper
 77 100
 123 33.9 17.5 62.1
 65 8.6 11.1 14.1#





#81
p-Isopropyltoluene
Concen: 0.398 ug/l
RT: 11.793 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47

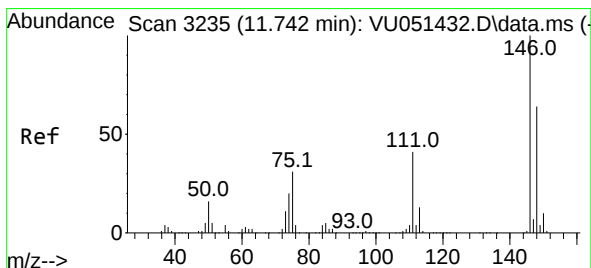
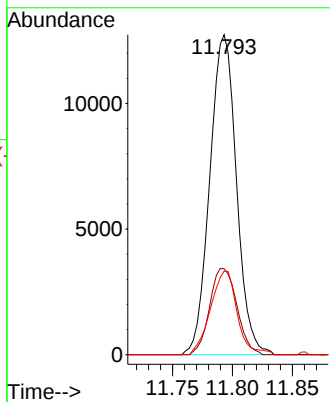
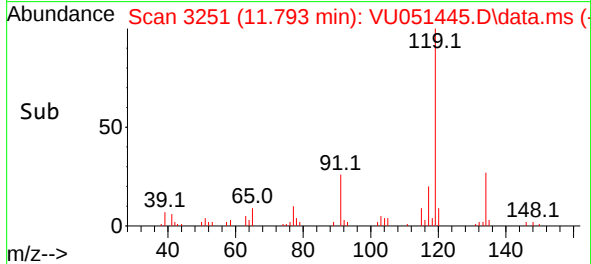
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



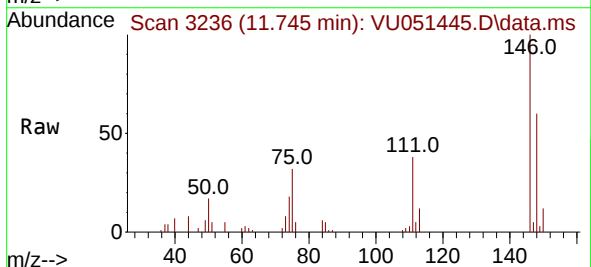
Tgt Ion:119 Resp: 1967
Ion Ratio Lower Upper
119 100
134 27.4 20.3 30.5
91 26.0 18.6 27.8

Manual Integrations
APPROVED

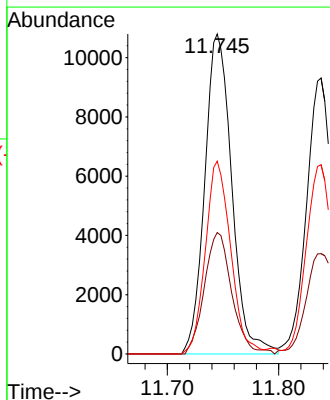
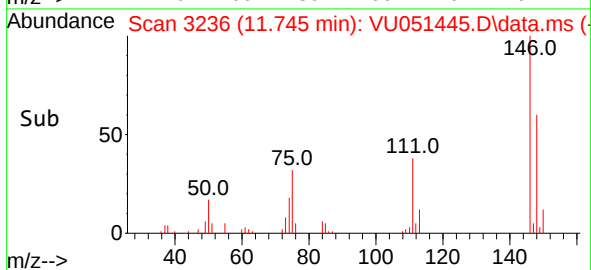
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022

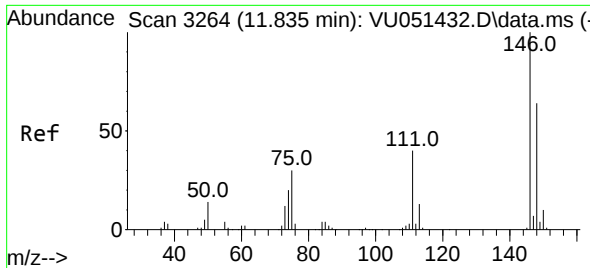


#82
1,3-Dichlorobenzene
Concen: 0.585 ug/l
RT: 11.745 min Scan# 3236
Delta R.T. 0.003 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47



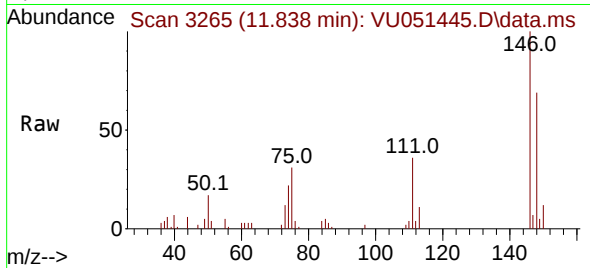
Tgt Ion:146 Resp: 18236
Ion Ratio Lower Upper
146 100
111 38.4 33.4 50.0
148 56.4 51.0 76.6





#83
1,4-Dichlorobenzene
Concen: 0.526 ug/l
RT: 11.838 min Scan# 3265
Delta R.T. 0.003 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47

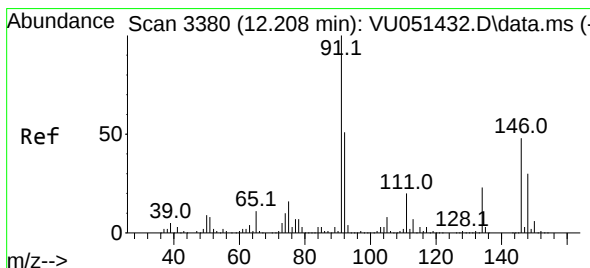
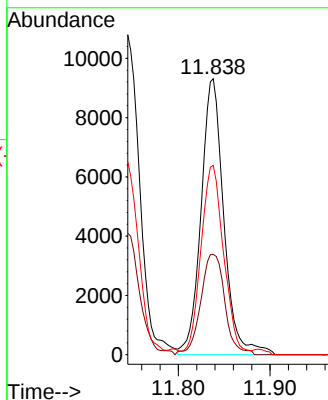
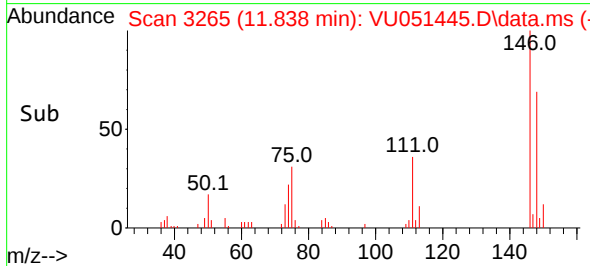
Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



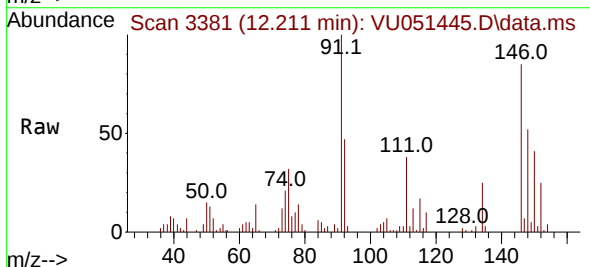
Tgt Ion:146 Resp: 16049
Ion Ratio Lower Upper
146 100
111 38.3 31.6 47.4
148 66.0 50.5 75.7

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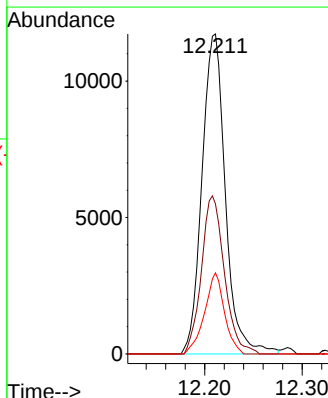
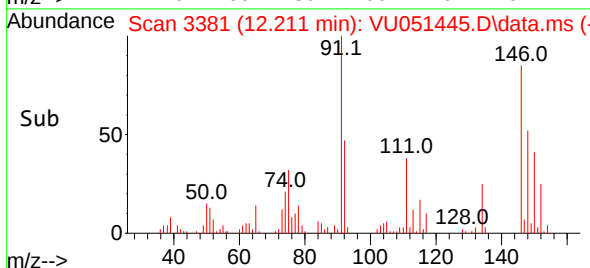
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022

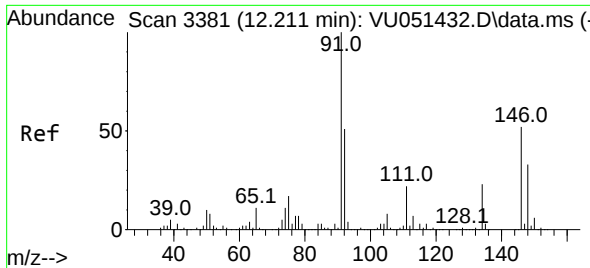


#84
n-Butylbenzene
Concen: 0.398 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.003 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47



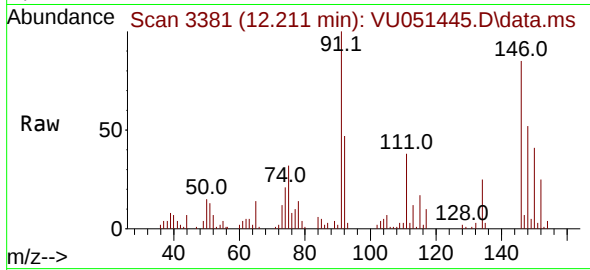
Tgt Ion: 91 Resp: 19524
Ion Ratio Lower Upper
91 100
92 48.6 40.6 61.0
134 21.5 18.3 27.5





#85
1,2-Dichlorobenzene
Concen: 0.534 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47

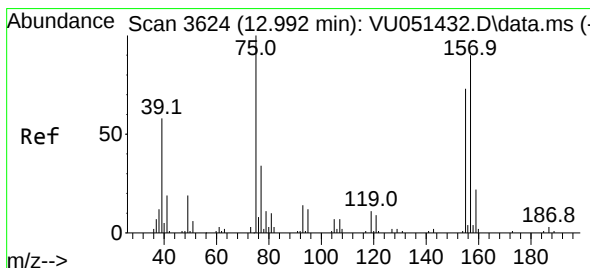
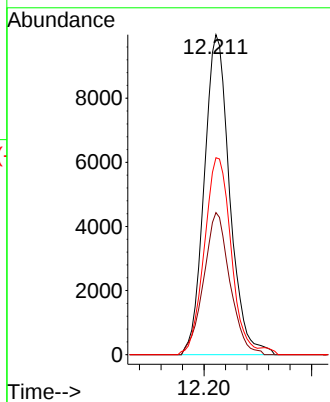
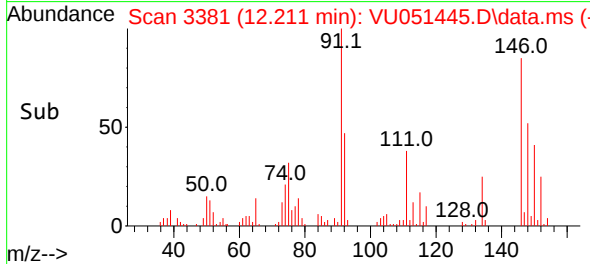
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



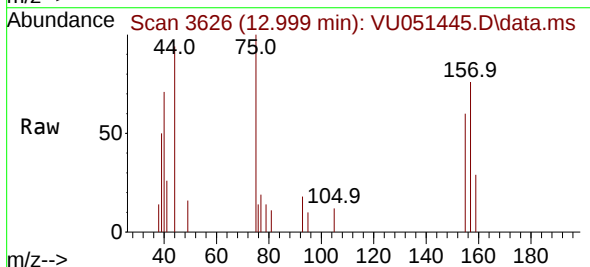
Tgt Ion:146 Resp: 16390
Ion Ratio Lower Upper
146 100
111 45.7 21.3 63.9
148 65.7 31.8 95.4

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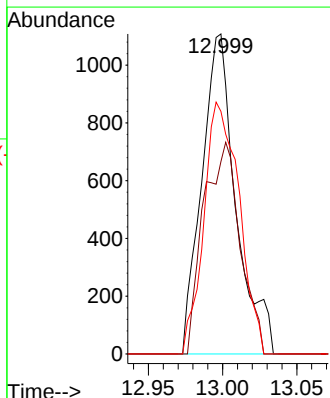
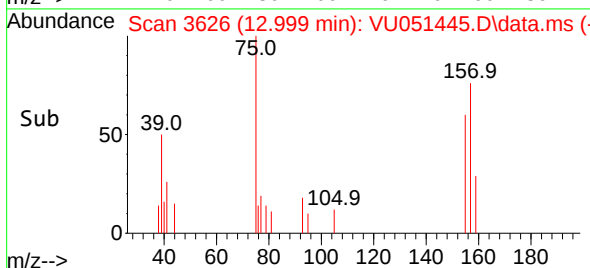
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022

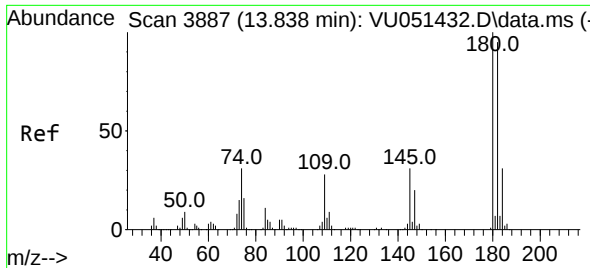


#86
1,2-Dibromo-3-Chloropropane
Concen: 0.680 ug/l
RT: 12.999 min Scan# 3626
Delta R.T. 0.006 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47



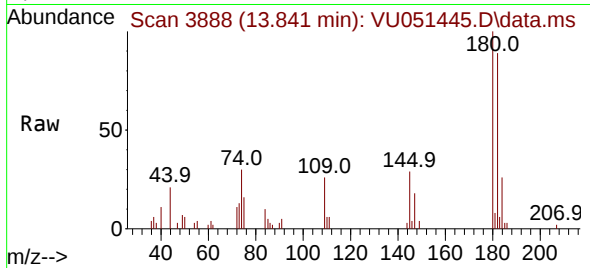
Tgt Ion: 75 Resp: 1772
Ion Ratio Lower Upper
75 100
155 71.0 58.5 87.7
157 81.2 75.3 112.9





#87
1,2,4-Trichlorobenzene
Concen: 0.517 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. 0.003 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47

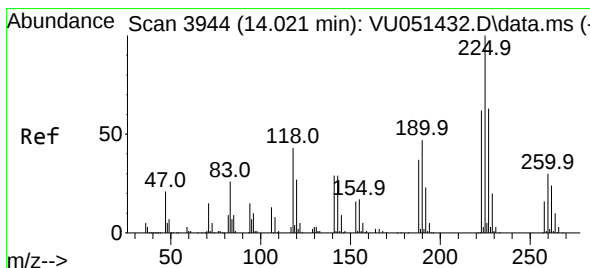
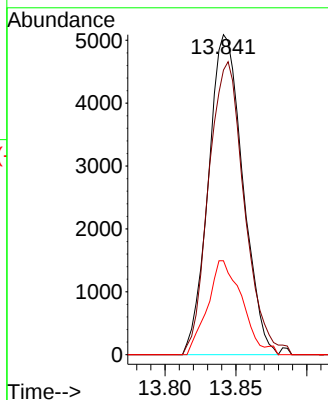
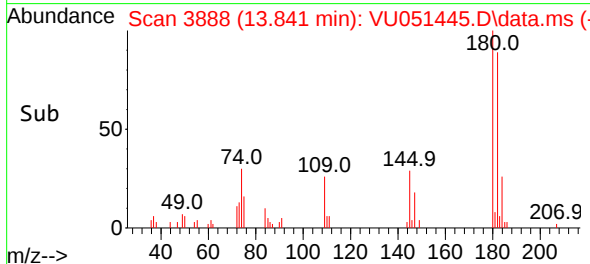
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



Tgt Ion:180 Resp: 859
Ion Ratio Lower Upper
180 100
182 94.9 75.9 113.9
145 29.6 24.9 37.3

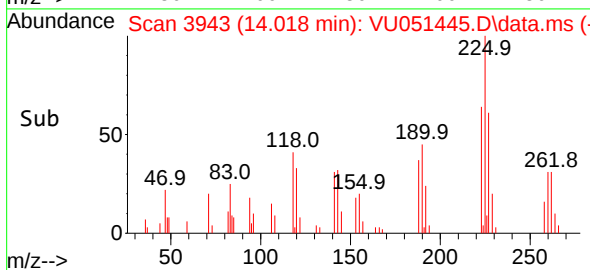
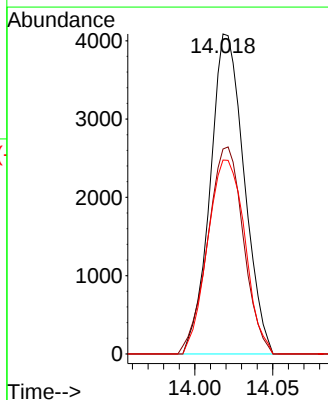
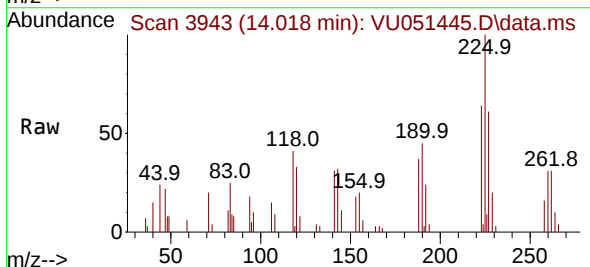
Manual Integrations
APPROVED

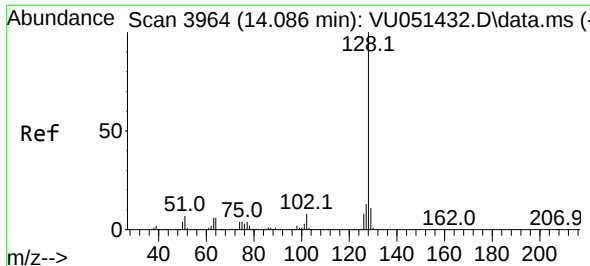
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022



#88
Hexachlorobutadiene
Concen: 0.571 ug/l
RT: 14.018 min Scan# 3943
Delta R.T. -0.003 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47

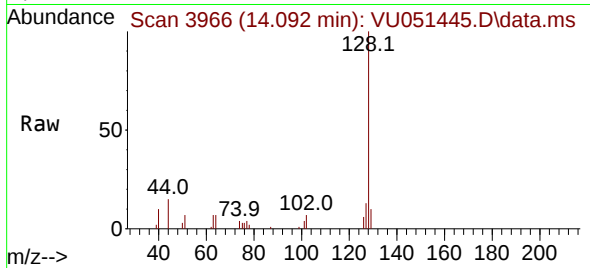
Tgt Ion:225 Resp: 6195
Ion Ratio Lower Upper
225 100
223 68.0 50.1 75.1
227 66.5 51.4 77.2





#89
Naphthalene
Concen: 0.427 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. 0.006 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47

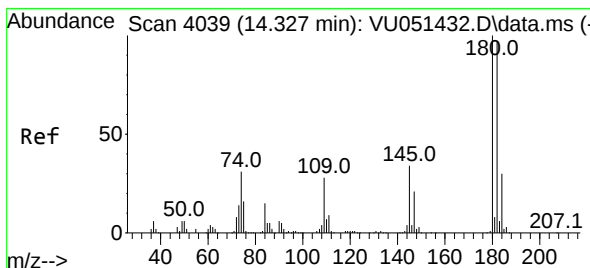
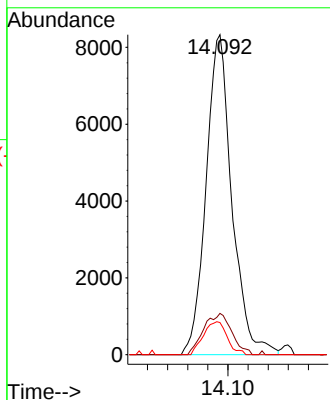
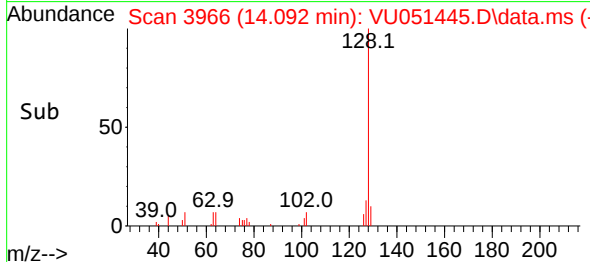
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



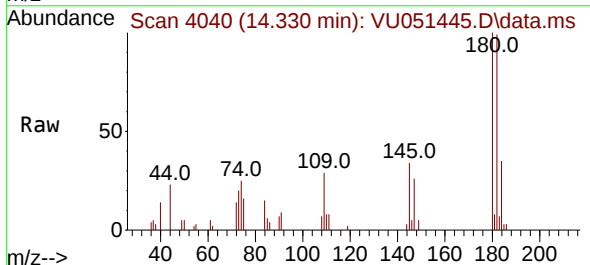
Tgt Ion:128 Resp: 14862
Ion Ratio Lower Upper
128 100
127 14.0 10.7 16.1
129 9.5 8.4 12.6

Manual Integrations
APPROVED

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



#90
1,2,3-Trichlorobenzene
Concen: 0.436 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. 0.003 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47



Tgt Ion:180 Resp: 7928
Ion Ratio Lower Upper
180 100
182 99.2 75.8 113.6
145 36.1 26.6 39.8

