

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080123\
 Data File : VN078725.D
 Acq On : 01 Aug 2023 19:25
 Operator : JC\MD
 Sample : 03572-07 2.5PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2023

Quant Time: Aug 02 04:27:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080123W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 02 04:20:43 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

08/02/2023
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) Bromochloromethane	7.830	128	96107	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.112	114	520363	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	431839	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.588	65	213846	29.684	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	98.933%
60) 4-Bromofluorobenzene	12.853	95	156498	24.182	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	80.600%
63) Toluene-d8	10.571	98	637854	29.900	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.667%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.136	85	18075	2.982	ug/l	100
3) Chloromethane	2.371	50	26996	3.618	ug/l	97
4) Vinyl Chloride	2.524	62	29787	2.937	ug/l	93
5) Bromomethane	2.965	94	24880	3.282	ug/l	93
6) Chloroethane	3.124	64	17368m	2.630	ug/l	
7) Trichlorofluoromethane	3.506	101	28850	2.773	ug/l	97
8) Diethyl Ether	3.977	74	7694	2.266	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.377	101	15239	2.729	ug/l	78
10) 1,1-Dichloroethene	4.347	96	14311	2.673	ug/l	90
11) Methyl Iodide	4.600	142	16596	2.205	ug/l #	83
12) Methyl Acetate	5.047	43	22304	2.568	ug/l	100
13) Acrolein	4.200	56	11523	12.460	ug/l	97
14) Acrylonitrile	5.736	53	32161m	12.646	ug/l	
15) Acetone	4.459	58	8841	11.999	ug/l	82
16) Carbon Disulfide	4.724	76	38915	2.573	ug/l	99
17) Allyl chloride	5.036	41	18579m	2.541	ug/l	
18) Methylene Chloride	5.289	84	19449	3.028	ug/l #	95
19) trans-1,2-Dichloroethene	5.806	96	13685	2.211	ug/l	93
20) Diisopropyl ether	6.677	45	37665m	2.288	ug/l	
21) 1,1-Dichloroethane	6.577	63	28430	2.608	ug/l	95
22) cis-1,2-Dichloroethene	7.500	96	18340	2.638	ug/l	92
23) tert-Butyl Alcohol	5.536	59	16328m	15.712	ug/l	
24) Methyl tert-Butyl Ether	5.818	73	43259	2.403	ug/l #	91
25) Chloroform	7.971	83	29972	2.597	ug/l #	73
26) Cyclohexane	8.271	56	18645	2.322	ug/l #	95
29) 1,1-Dichloropropene	8.377	75	19416	2.536	ug/l	96
30) 2-Butanone	7.500	43	39024	12.893	ug/l #	97
31) 2,2-Dichloropropane	7.494	77	19836	2.258	ug/l	94
32) 1,1,1-Trichloroethane	8.177	97	23836	2.461	ug/l #	81
33) Carbon Tetrachloride	8.371	117	25340	2.945	ug/l #	73
34) Benzene	8.612	78	61087	2.656	ug/l #	68
35) Methacrylonitrile	7.788	41	8749	2.632	ug/l	83
36) 1,2-Dichloroethane	8.682	62	21180	2.622	ug/l	98
37) Trichloroethene	9.359	130	16625	2.576	ug/l	99
38) Methylcyclohexane	9.612	83	17500	2.224	ug/l	89
39) 1,2-Dichloropropane	9.629	63	16134	2.617	ug/l	90
40) Dibromomethane	9.718	93	12705	2.977	ug/l	94
41) Bromodichloromethane	9.894	83	22511	2.639	ug/l	92
42) Vinyl Acetate	6.624	43	109044	11.206	ug/l	96

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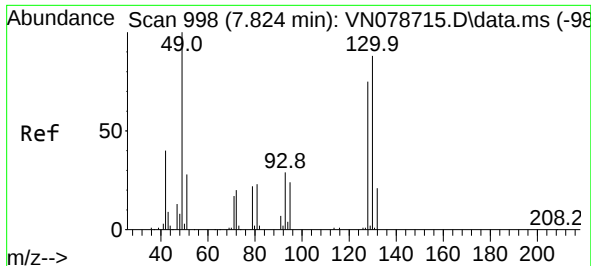
Manual Integrations APPROVED

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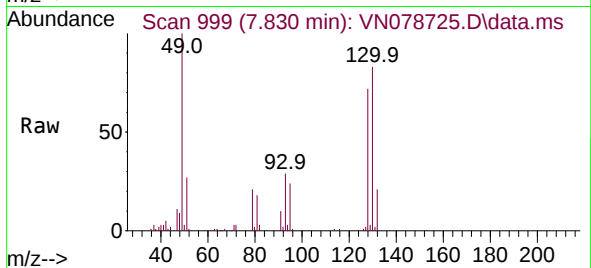
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
43) Ethyl Acetate	7.571	43	17855	2.853	ug/l	#	73
44) Isopropyl Acetate	8.700	43	31169	2.839	ug/l	#	66
45) 1,4-Dioxane	9.706	88	5285	52.332	ug/l	#	82
46) Methyl methacrylate	9.682	41	13013	2.588	ug/l		86
47) n-amyl Acetate	12.500	43	16490	1.950	ug/l		99
48) t-1,3-Dichloropropene	10.841	75	21174	2.325	ug/l		98
49) cis-1,3-Dichloropropene	10.318	75	23611	2.441	ug/l		93
50) 1,1,2-Trichloroethane	11.023	97	16261	2.692	ug/l	#	90
51) Ethyl methacrylate	10.882	69	19429	2.349	ug/l		94
52) 1,3-Dichloropropane	11.171	76	25000	2.303	ug/l		95
53) Dibromochloromethane	11.365	129	16204	2.374	ug/l		95
54) 1,2-Dibromoethane	11.471	107	16421	2.707	ug/l		94
55) 2-Chloroethyl vinyl ether	10.171	63	27581	10.466	ug/l	#	88
56) Bromoform	12.582	173	11027	2.470	ug/l		92
58) 4-Methyl-2-Pentanone	10.453	43	74691	11.555	ug/l		99
59) 2-Hexanone	11.206	43	52087	10.643	ug/l		94
61) Tetrachloroethene	11.106	164	14027	2.470	ug/l	#	86
62) Toluene	10.635	91	65436	2.519	ug/l		100
64) Chlorobenzene	11.900	112	37916	2.500	ug/l	#	86
65) 1,1,1,2-Tetrachloroethane	11.959	131	16803m	2.809	ug/l		
66) Ethyl Benzene	11.970	91	61071	2.333	ug/l		94
67) m/p-Xylenes	12.082	106	43064	4.306	ug/l		100
68) o-Xylene	12.400	106	20844	2.048	ug/l		97
69) Styrene	12.418	104	29317	1.791	ug/l		95
70) Isopropylbenzene	12.700	105	52690	2.093	ug/l		99
71) 1,1,2,2-Tetrachloroethane	12.947	83	21275	2.602	ug/l		94
72) 1,2,3-Trichloropropane	12.994	75	16600m	2.420	ug/l		
73) Bromobenzene	12.988	156	13992	2.268	ug/l		88
74) n-propylbenzene	13.041	91	52684	1.888	ug/l		94
75) 2-Chlorotoluene	13.129	91	35292	1.832	ug/l		94
76) 1,3,5-Trimethylbenzene	13.176	105	40375	1.797	ug/l		99
77) t-1,4-Dichloro-2-butene	12.747	75	3785	1.579	ug/l		82
78) 4-Chlorotoluene	13.229	91	29156	1.567	ug/l		100
79) tert-butylbenzene	13.441	119	35108	1.815	ug/l		92
80) 1,2,4-Trimethylbenzene	13.482	105	32302	1.505	ug/l		99
81) sec-Butylbenzene	13.617	105	41346	1.668	ug/l		84
82) p-Isopropyltoluene	13.735	119	31442	1.545	ug/l		97
83) 1,3-Dichlorobenzene	13.735	146	17582	1.607	ug/l		95
84) 1,4-Dichlorobenzene	13.817	146	15943	1.556	ug/l		95
85) n-Butylbenzene	14.059	91	17188	1.218	ug/l		97
86) Hexachloroethane	14.341	117	8813	2.376	ug/l		90
87) 1,2-Dichlorobenzene	14.117	146	16226	1.585	ug/l		98
88) 1,2-Dibromo-3-Chloropr...	14.717	75	3091	2.226	ug/l	#	83
89) 1,2,4-Trichlorobenzene	15.388	180	3585	1.227	ug/l	#	87
90) Hexachlorobutadiene	15.506	225	4806	2.159	ug/l		96
91) Naphthalene	15.647	128	12886	1.456	ug/l		96
92) 1,2,3-Trichlorobenzene	15.853	180	4947	1.488	ug/l		71

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.830 min Scan# 998
Delta R.T. 0.006 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023



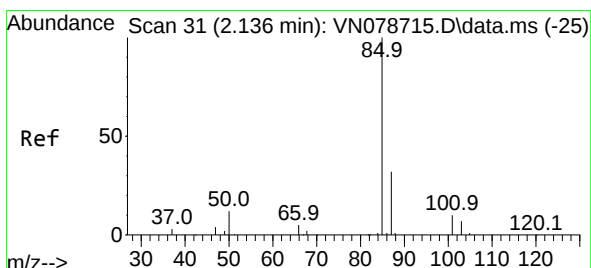
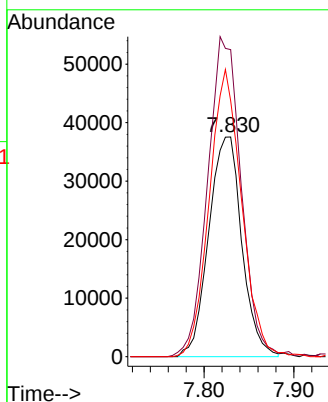
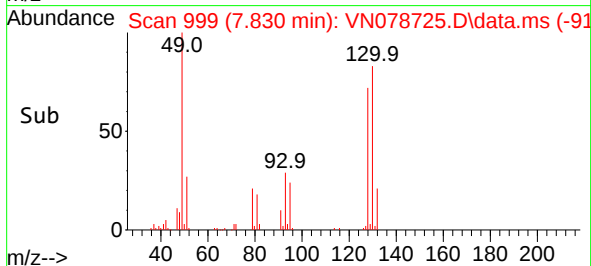
Tgt Ion:128 Resp: 9610
Ion Ratio Lower Upper
128 100
49 146.8 0.0 370.8
130 127.7 0.0 307.0

Manual Integrations
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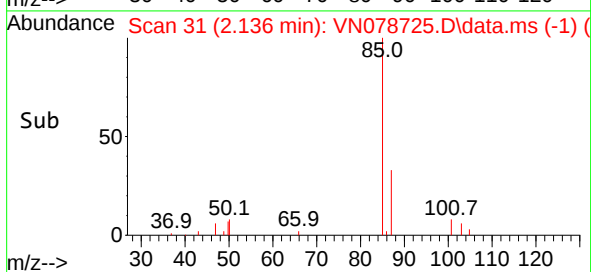
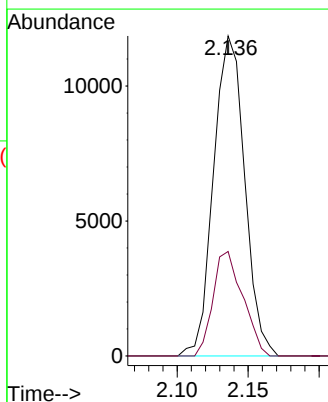
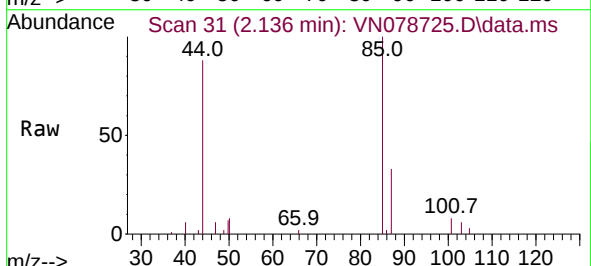
08/02/2023
Supervised By :Mahesh
Dadoda

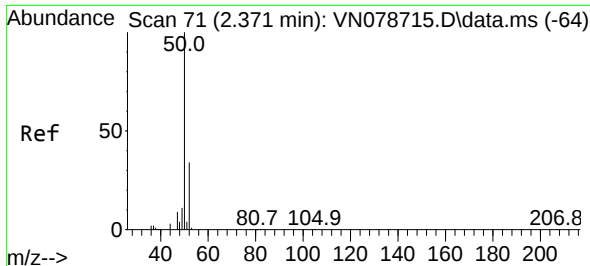
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#2
Dichlorodifluoromethane
Concen: 2.982 ug/l
RT: 2.136 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

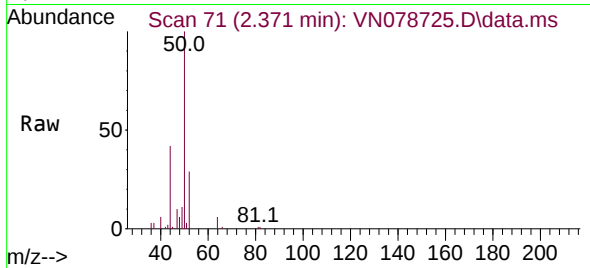
Tgt Ion: 85 Resp: 18075
Ion Ratio Lower Upper
85 100
87 32.6 16.4 49.4





#3
Chloromethane
Concen: 3.618 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023



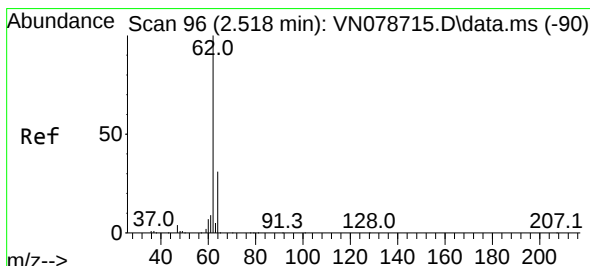
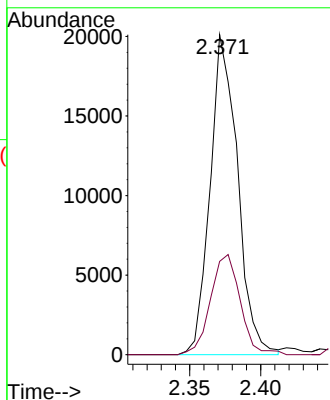
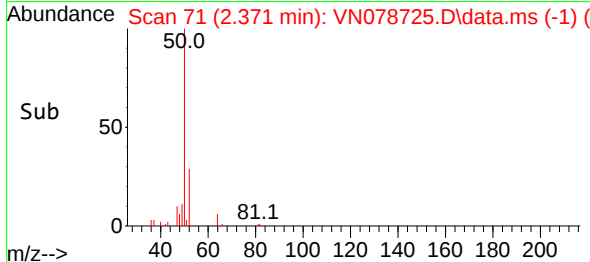
Tgt Ion: 50 Resp: 26990
Ion Ratio Lower Upper
50 100
52 29.1 24.6 36.8

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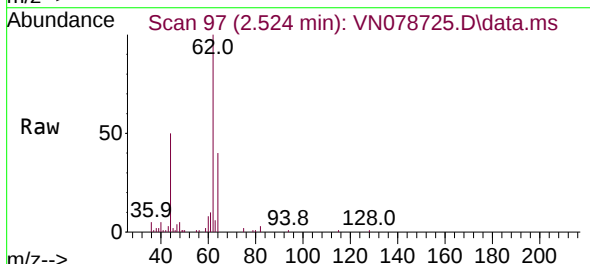
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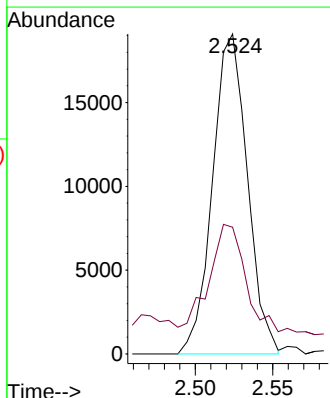
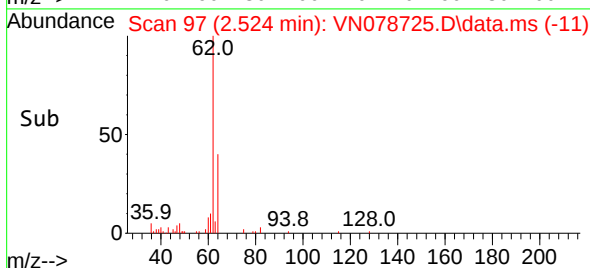
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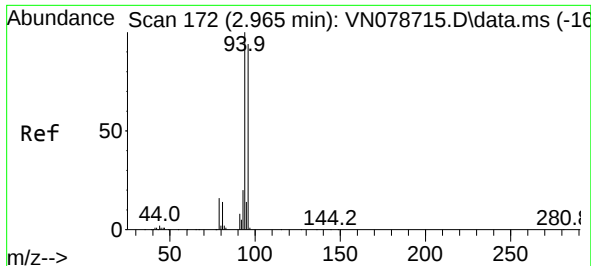


#4
Vinyl Chloride
Concen: 2.937 ug/l
RT: 2.524 min Scan# 97
Delta R.T. 0.006 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25



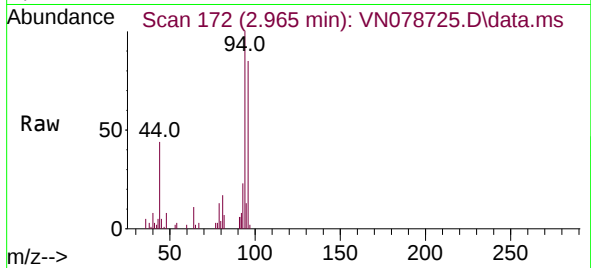
Tgt Ion: 62 Resp: 29787
Ion Ratio Lower Upper
62 100
64 32.7 23.3 34.9





#5
Bromomethane
Concen: 3.282 ug/l
RT: 2.965 min Scan# 172
Delta R.T. 0.000 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

Instrument :
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ClientSampleId :
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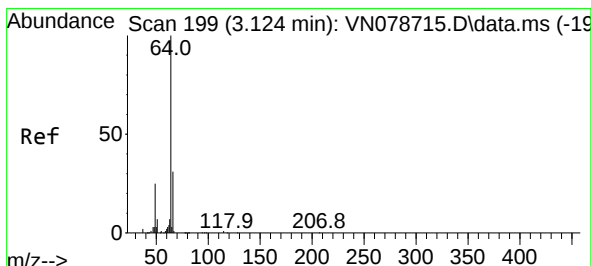
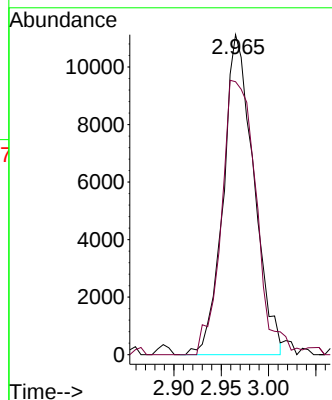
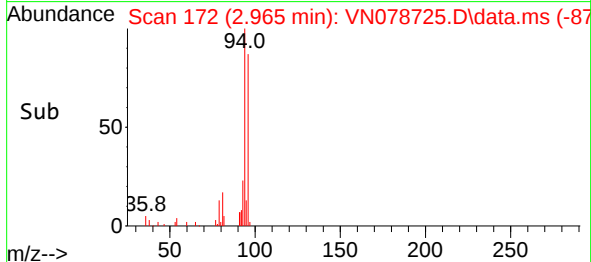
Tgt Ion: 94 Resp: 24880
Ion Ratio Lower Upper
94 100
96 85.3 73.9 110.9

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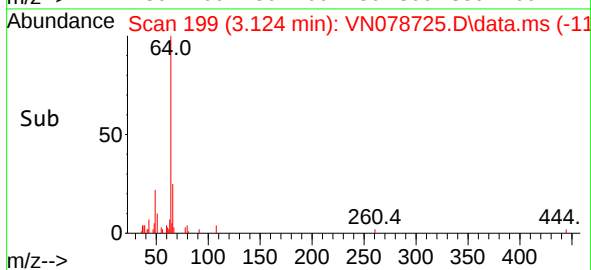
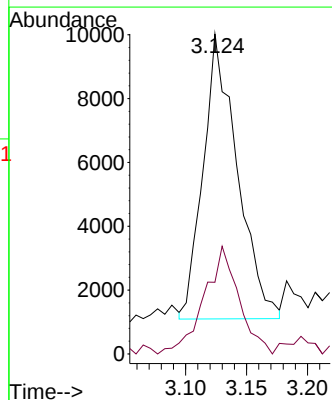
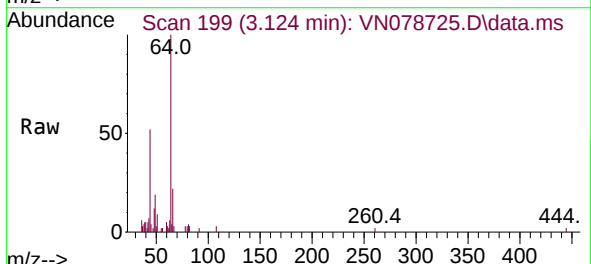
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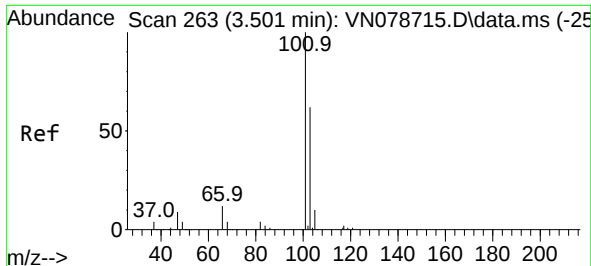
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#6
Chloroethane
Concen: 2.630 ug/l m
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

Tgt Ion: 64 Resp: 17368
Ion Ratio Lower Upper
64 100
66 22.4 25.7 38.5#





#7
Trichlorofluoromethane
Concen: 2.773 ug/l
RT: 3.506 min Scan# 263
Delta R.T. 0.005 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

Instrument :
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ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

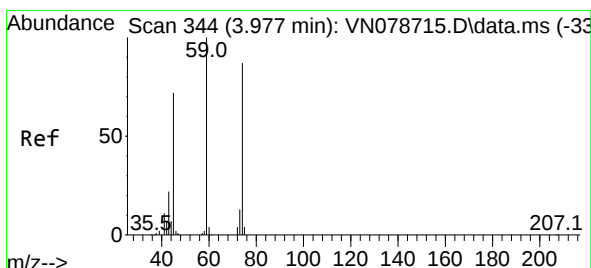
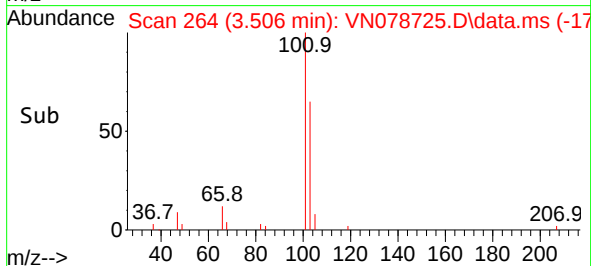
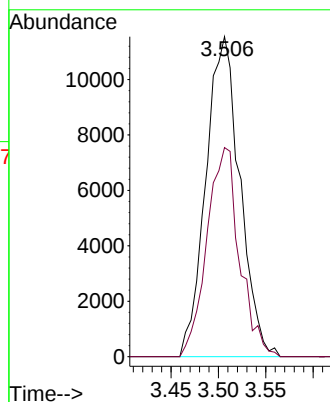
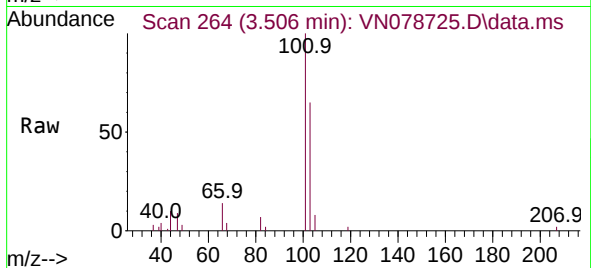
Tgt Ion:101 Resp: 28850
Ion Ratio Lower Upper
101 100
103 65.4 50.4 75.6

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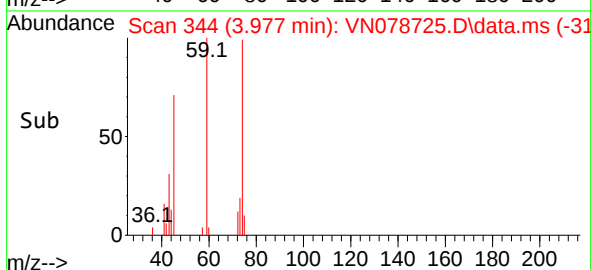
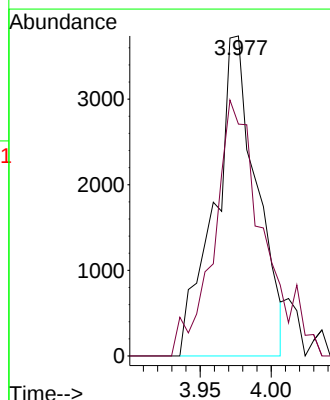
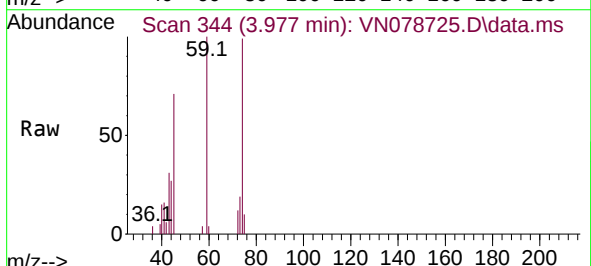
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Supervised By :Mahesh
Dadoda

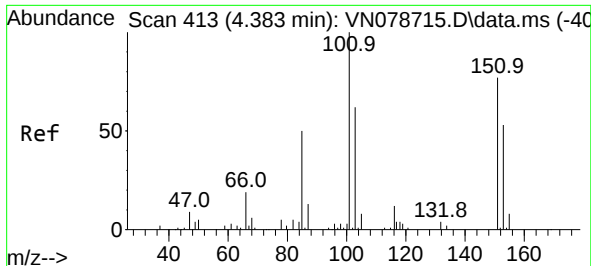
08/02/2023



#8
Diethyl Ether
Concen: 2.266 ug/l
RT: 3.977 min Scan# 344
Delta R.T. -0.000 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

Tgt Ion: 74 Resp: 7694
Ion Ratio Lower Upper
74 100
45 84.4 16.3 146.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.729 ug/l
RT: 4.377 min Scan# 413
Delta R.T. -0.006 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2023

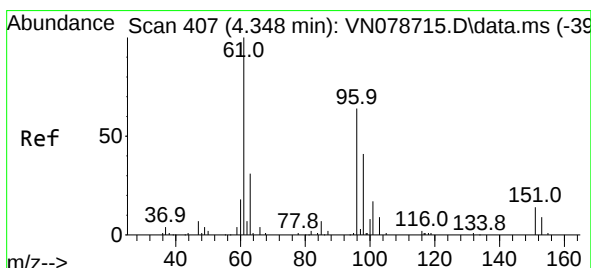
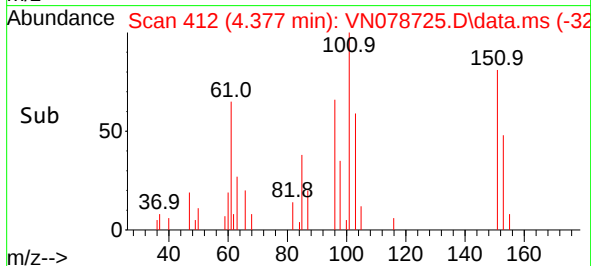
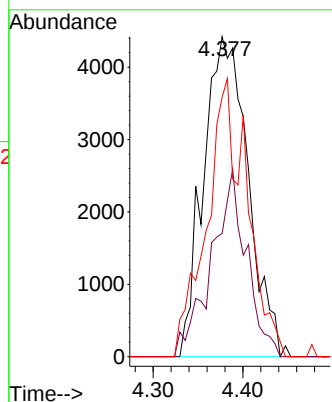
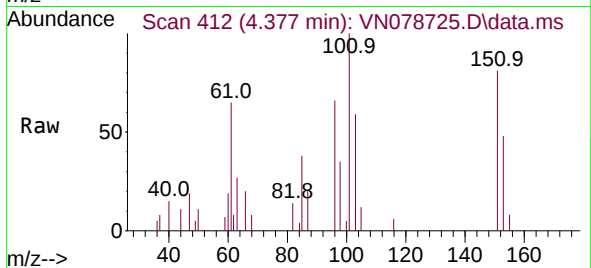
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Ion Ratio Lower Upper
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151 55.4 0.0 148.8

Manual Integrations
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Carlone

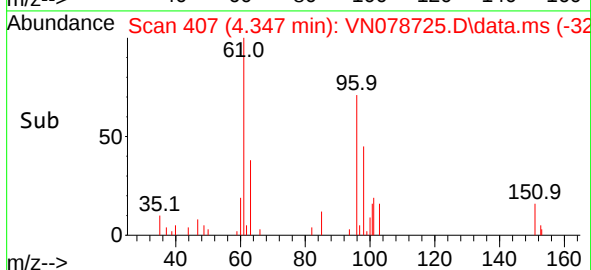
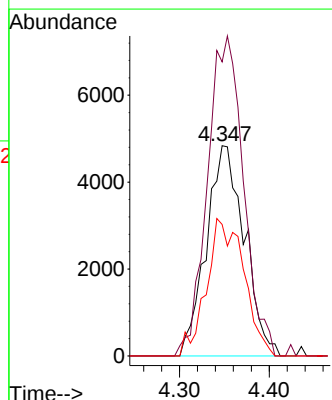
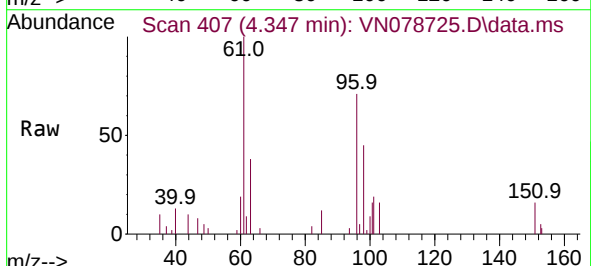
08/02/2023
Supervised By :Mahesh
Dadoda

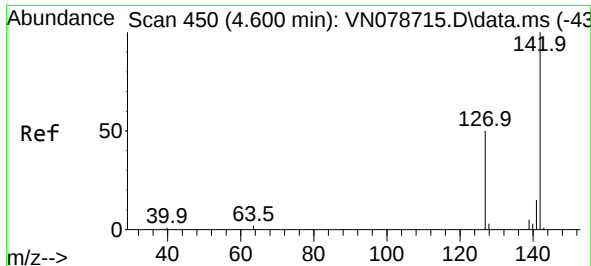
08/02/2023



#10
1,1-Dichloroethene
Concen: 2.673 ug/l
RT: 4.347 min Scan# 407
Delta R.T. -0.001 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

Tgt Ion: 96 Resp: 14311
Ion Ratio Lower Upper
96 100
61 139.9 123.4 185.2
98 62.6 53.7 80.5





#11

Methyl Iodide

Concen: 2.205 ug/l

RT: 4.600 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN078725.D

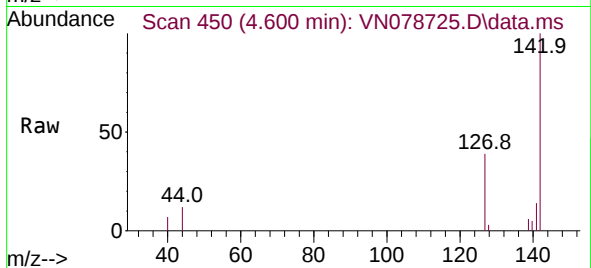
Acq: 01 Aug 2023 19:25

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023



Tgt Ion:	142	Resp:	16590
Ion	Ratio	Lower	Upper
142	100		
127	35.8	23.2	69.5
141	6.7	7.2	21.7

Manual Integrations

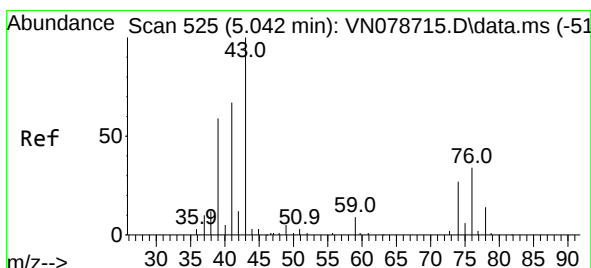
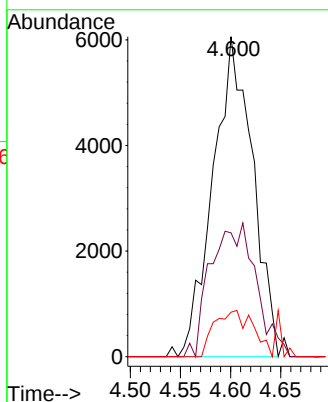
APPROVED

Reviewed By :John
Carlone

08/02/2023

Supervised By :Mahesh
Dadoda

08/02/2023



#12

Methyl Acetate

Concen: 2.568 ug/l

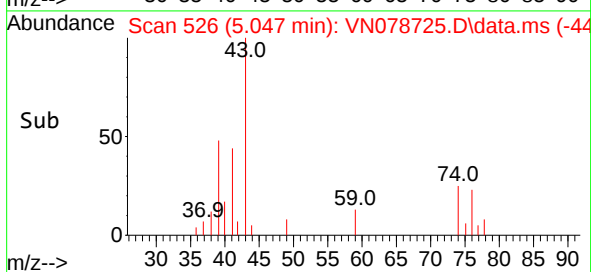
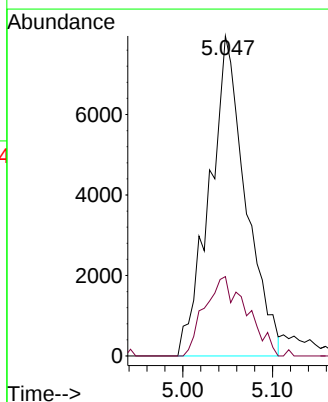
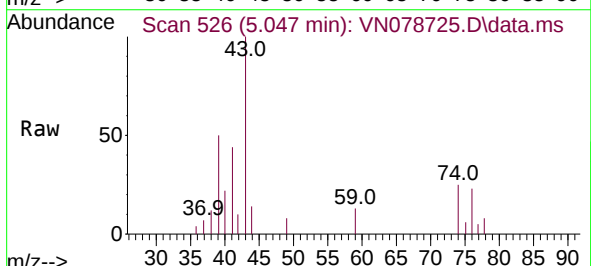
RT: 5.047 min Scan# 526

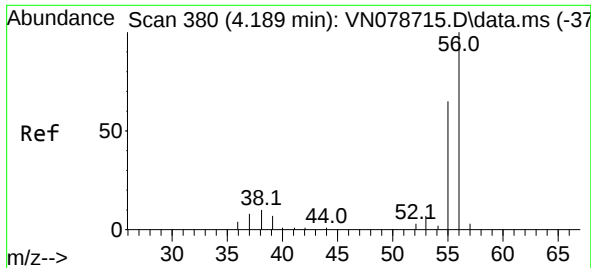
Delta R.T. 0.005 min

Lab File: VN078725.D

Acq: 01 Aug 2023 19:25

Tgt Ion:	43	Resp:	22304
Ion	Ratio	Lower	Upper
43	100		
74	25.5	20.5	30.7





#13
Acrolein
Concen: 12.460 ug/l
RT: 4.200 min Scan# 382
Delta R.T. 0.011 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

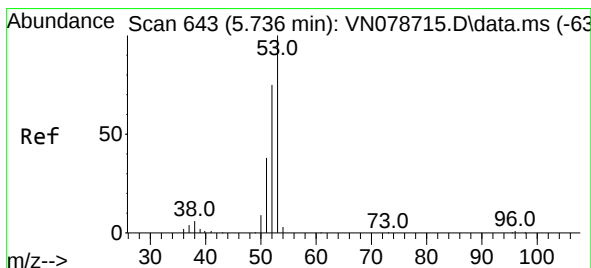
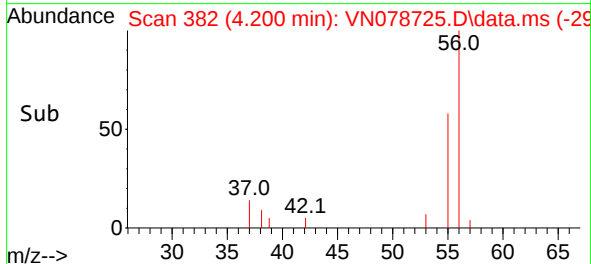
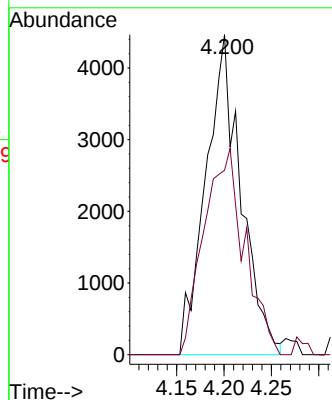
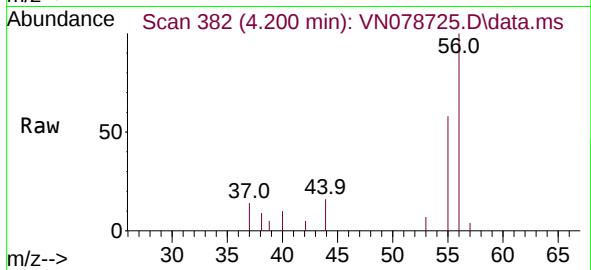
Tgt Ion: 56 Resp: 1152
Ion Ratio Lower Upper
56 100
55 70.8 59.0 88.4

Manual Integrations
APPROVED

Reviewed By :John
Carlone

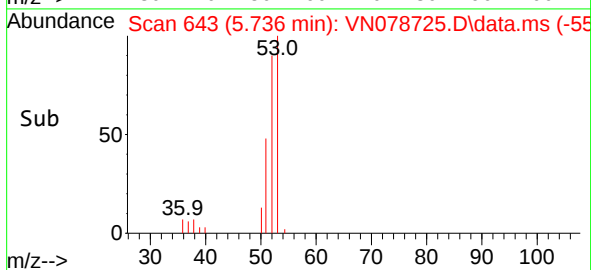
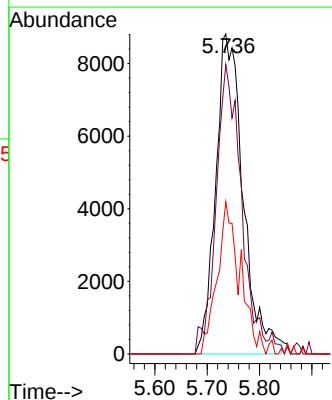
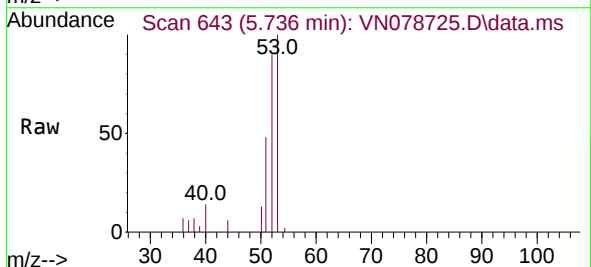
08/02/2023
Supervised By :Mahesh
Dadoda

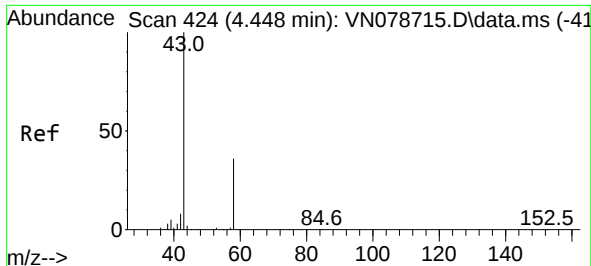
08/02/2023



#14
Acrylonitrile
Concen: 12.646 ug/l m
RT: 5.736 min Scan# 643
Delta R.T. -0.000 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

Tgt Ion: 53 Resp: 32161
Ion Ratio Lower Upper
53 100
52 76.9 42.3 126.9
51 30.1 18.4 55.4





#15
Acetone
Concen: 11.999 ug/l
RT: 4.459 min Scan# 41
Delta R.T. 0.011 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

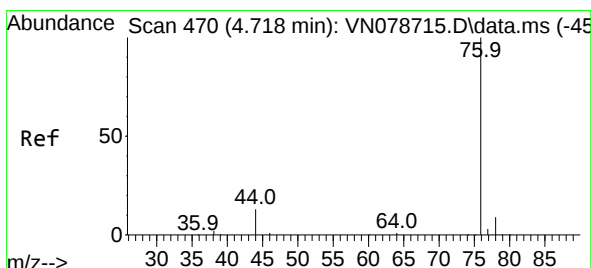
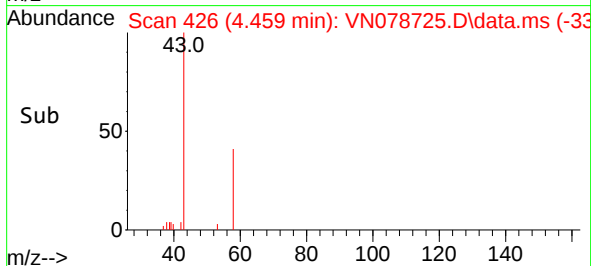
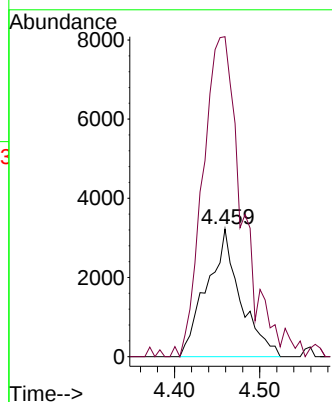
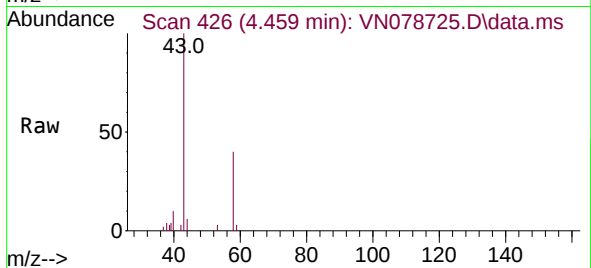
Tgt Ion: 58 Resp: 884
Ion Ratio Lower Upper
58 100
43 250.5 227.5 341.3

Manual Integrations
APPROVED

Reviewed By :John
Carlone

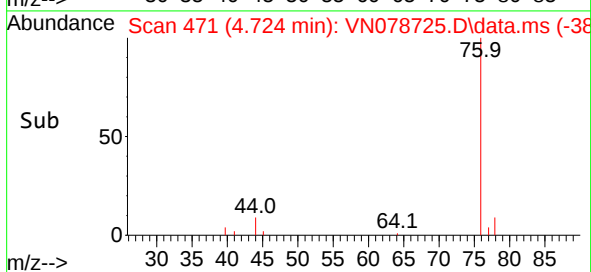
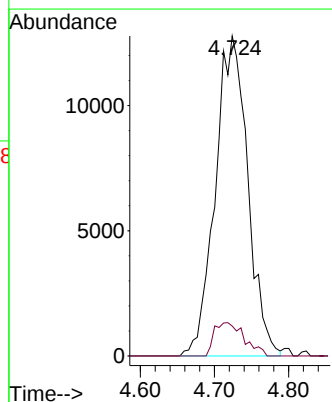
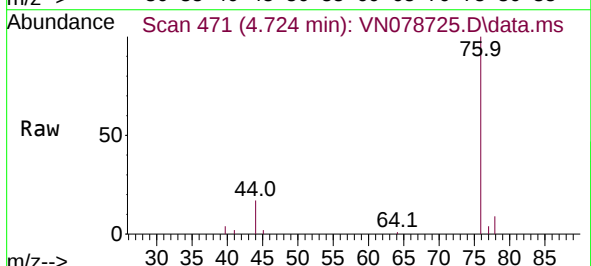
08/02/2023
Supervised By :Mahesh
Dadoda

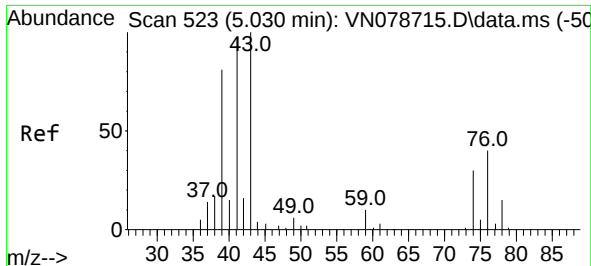
08/02/2023



#16
Carbon Disulfide
Concen: 2.573 ug/l
RT: 4.724 min Scan# 471
Delta R.T. 0.006 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

Tgt Ion: 76 Resp: 38915
Ion Ratio Lower Upper
76 100
78 9.4 7.7 11.5





#17

Allyl chloride

Concen: 2.541 ug/l m

RT: 5.036 min Scan# 51

Delta R.T. 0.006 min

Lab File: VN078725.D

Acq: 01 Aug 2023 19:25

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

Tgt Ion:	41	Resp:	18579
Ion	Ratio	Lower	Upper
41	100		
39	82.7	37.6	112.8
76	46.5	23.8	71.4

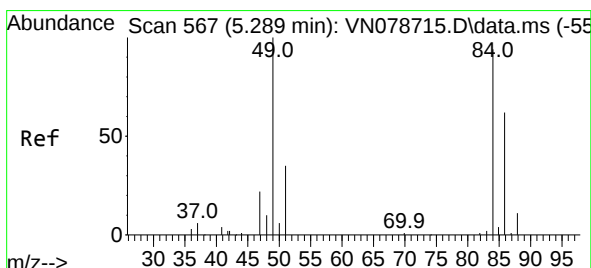
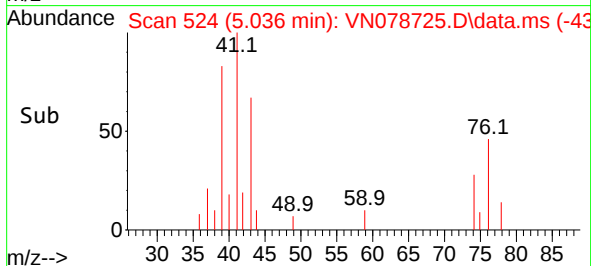
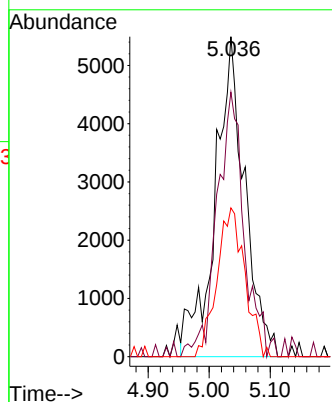
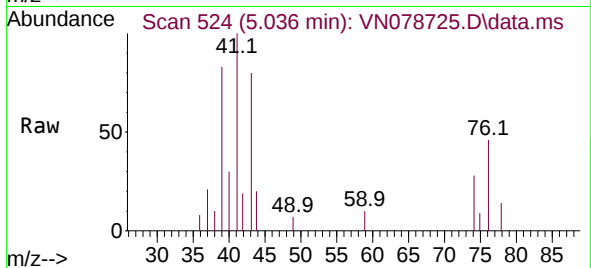
Manual Integrations

APPROVED

Reviewed By :John
Carlone

08/02/2023
Supervised By :Mahesh
Dadoda

08/02/2023



#18

Methylene Chloride

Concen: 3.028 ug/l

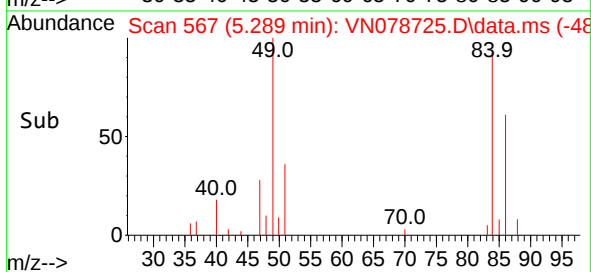
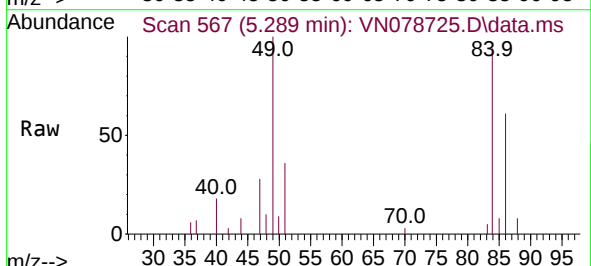
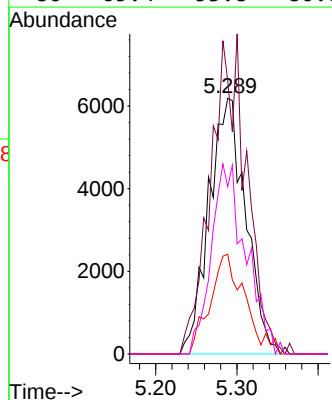
RT: 5.289 min Scan# 567

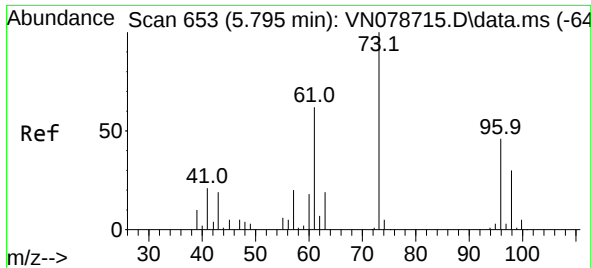
Delta R.T. -0.000 min

Lab File: VN078725.D

Acq: 01 Aug 2023 19:25

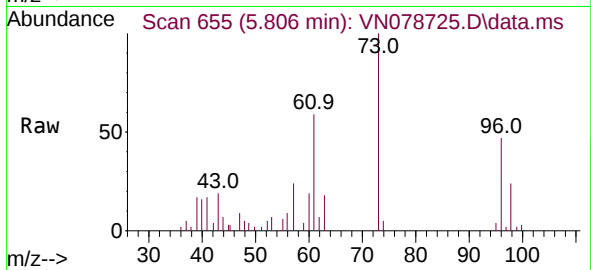
Tgt Ion:	84	Resp:	19449
Ion	Ratio	Lower	Upper
84	100		
49	106.9	88.1	132.1
51	39.0	24.0	36.0#
86	65.4	53.8	80.8





#19
trans-1,2-Dichloroethene
Concen: 2.211 ug/l
RT: 5.806 min Scan# 614
Delta R.T. 0.011 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2023



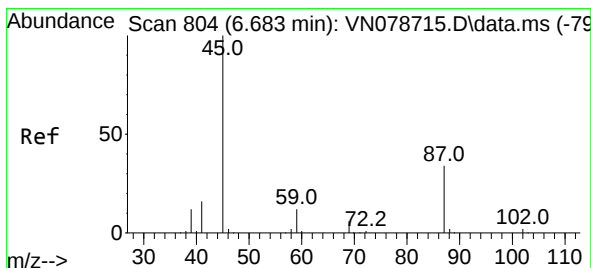
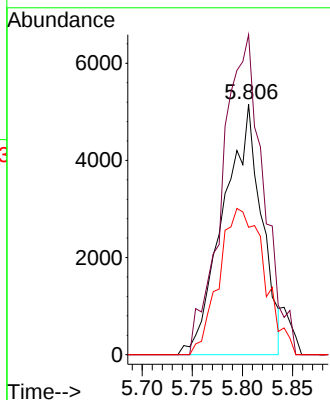
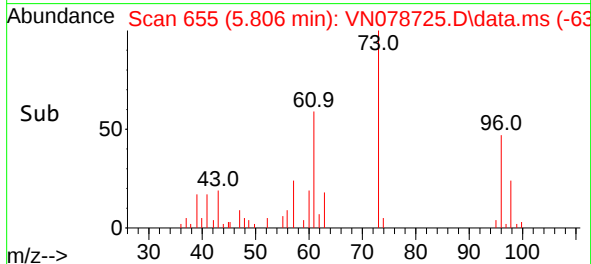
Tgt Ion: 96 Resp: 1368
Ion Ratio Lower Upper
96 100
61 127.8 105.2 157.8
98 50.8 50.5 75.7

Manual Integrations
APPROVED

Reviewed By :John
Carlone

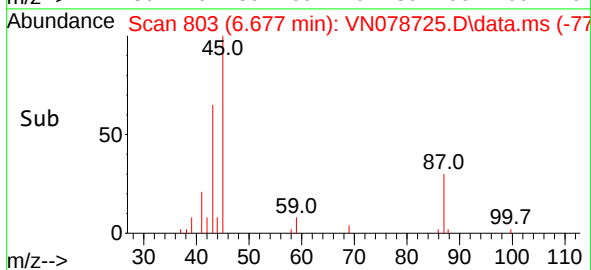
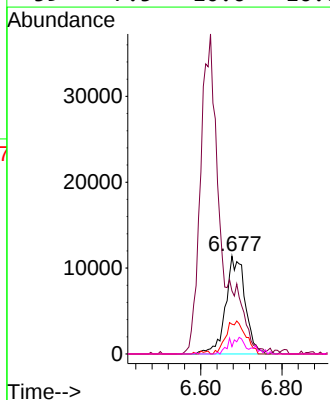
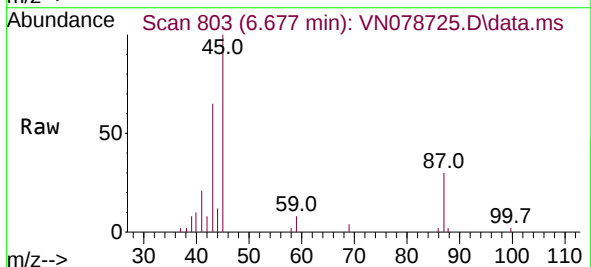
08/02/2023
Supervised By :Mahesh
Dadoda

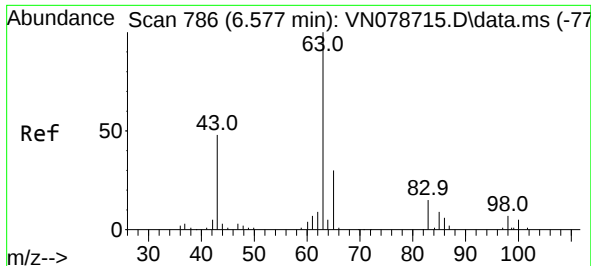
08/02/2023



#20
Diisopropyl ether
Concen: 2.288 ug/l m
RT: 6.677 min Scan# 803
Delta R.T. -0.006 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

Tgt Ion: 45 Resp: 37665
Ion Ratio Lower Upper
45 100
43 64.5 43.6 65.4
87 30.4 25.8 38.6
59 7.5 10.6 16.0#





#21

1,1-Dichloroethane

Concen: 2.608 ug/l

RT: 6.577 min Scan# 786

Delta R.T. -0.000 min

Lab File: VN078725.D

Acq: 01 Aug 2023 19:25

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

Tgt Ion: 63	Resp: 28430
Ion Ratio	Lower Upper
63 100	
98 6.8	2.7 8.1
100 6.5	2.5 7.4

Manual Integrations

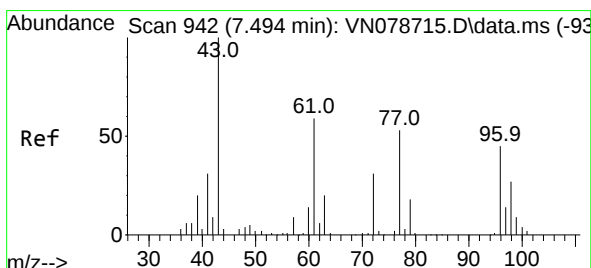
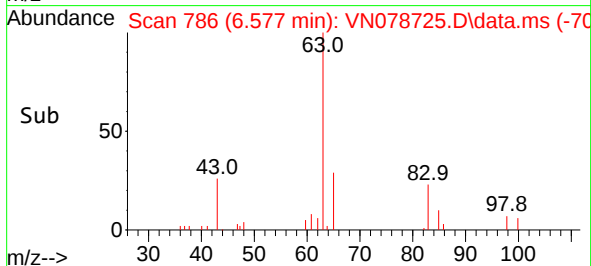
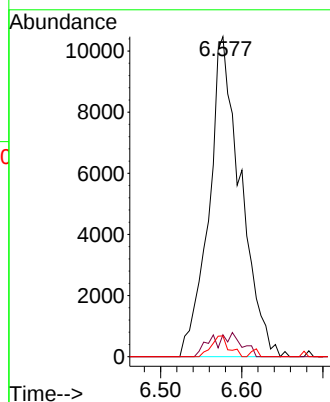
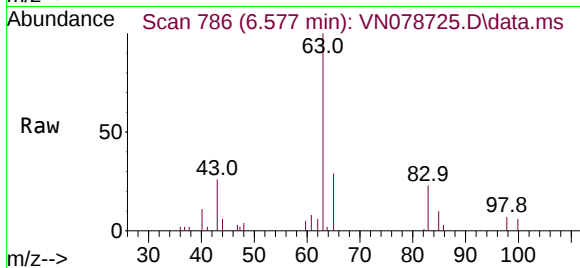
APPROVED

Reviewed By :John
Carlone

08/02/2023

Supervised By :Mahesh
Dadoda

08/02/2023



#22

cis-1,2-Dichloroethene

Concen: 2.638 ug/l

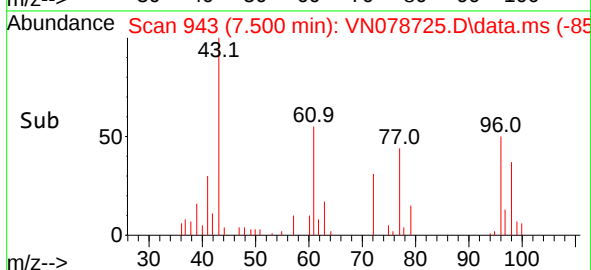
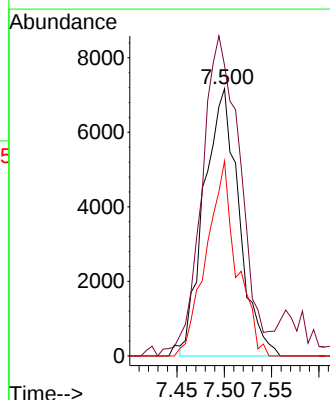
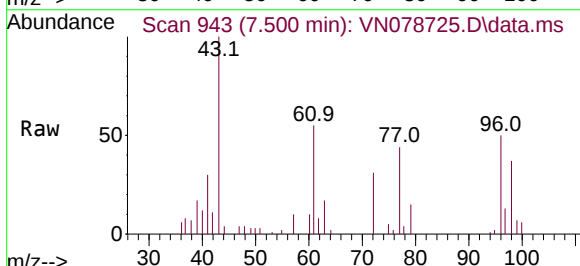
RT: 7.500 min Scan# 943

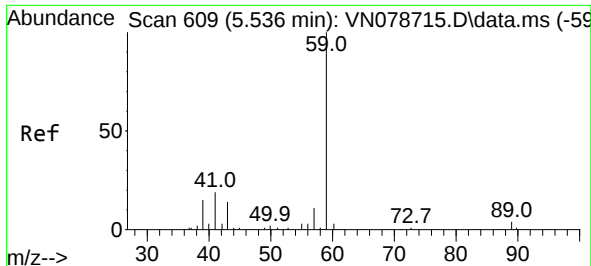
Delta R.T. 0.006 min

Lab File: VN078725.D

Acq: 01 Aug 2023 19:25

Tgt Ion: 96	Resp: 18340
Ion Ratio	Lower Upper
96 100	
61 129.7	113.8 170.6
98 63.6	52.2 78.4





#23

tert-Butyl Alcohol

Concen: 15.712 ug/l m

RT: 5.536 min Scan# 609

Delta R.T. -0.000 min

Lab File: VN078725.D

Acq: 01 Aug 2023 19:25

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

Tgt Ion: 59 Resp: 16328

Ion Ratio Lower Upper

59 100

52 0.0 0.1 0.1

Manual Integrations

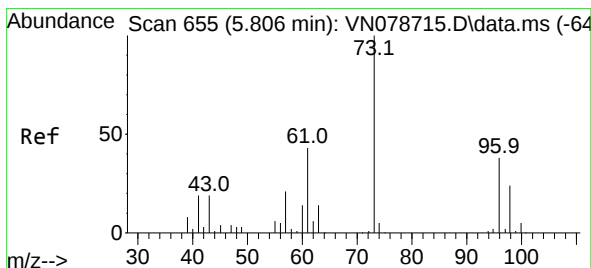
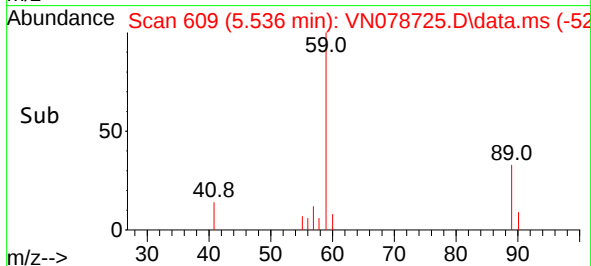
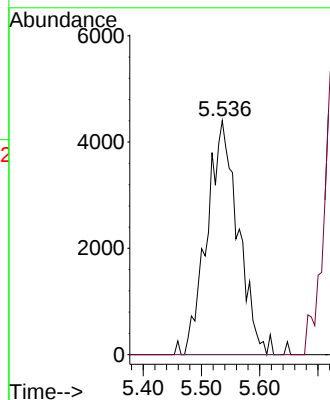
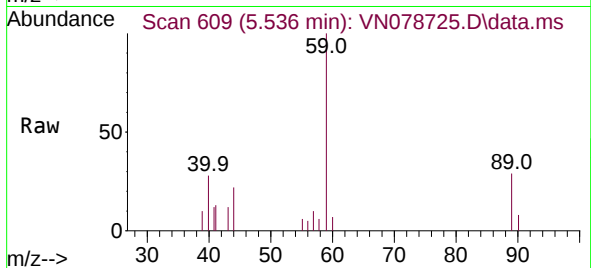
APPROVED

Reviewed By :John
Carlone

08/02/2023

Supervised By :Mahesh
Dadoda

08/02/2023



#24

Methyl tert-Butyl Ether

Concen: 2.403 ug/l

RT: 5.818 min Scan# 657

Delta R.T. 0.012 min

Lab File: VN078725.D

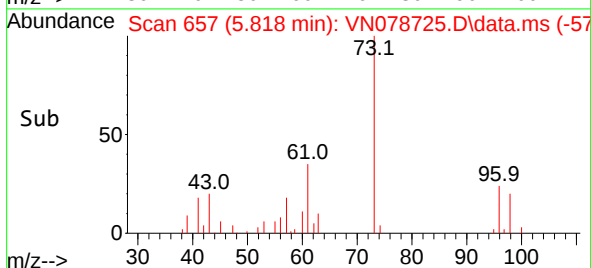
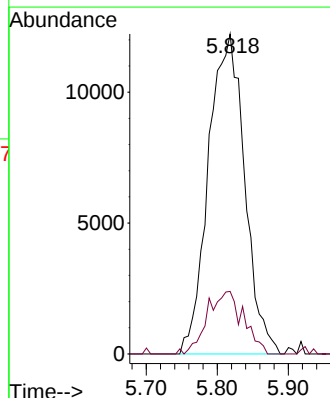
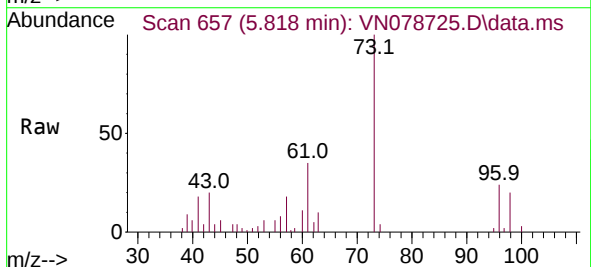
Acq: 01 Aug 2023 19:25

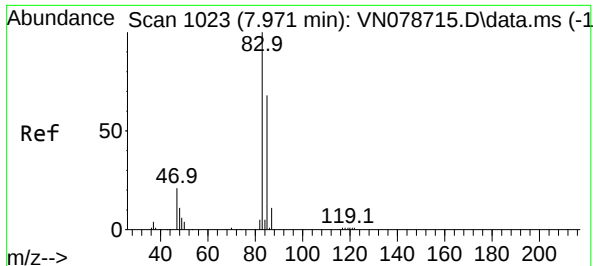
Tgt Ion: 73 Resp: 43259

Ion Ratio Lower Upper

73 100

43 14.0 14.5 21.7#





#25

Chloroform

Concen: 2.597 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.000 min

Lab File: VN078725.D

Acq: 01 Aug 2023 19:25

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

Tgt Ion: 83 Resp: 29972
 Ion Ratio Lower Upper
 83 100
 85 45.3 53.4 80.0

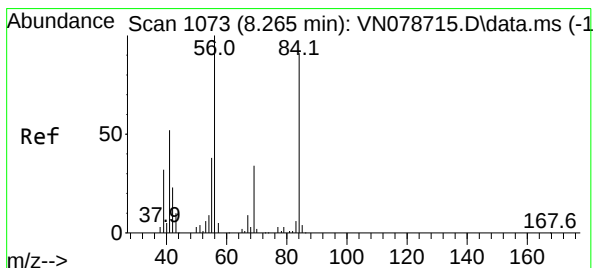
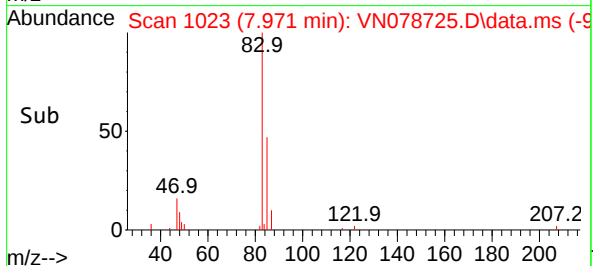
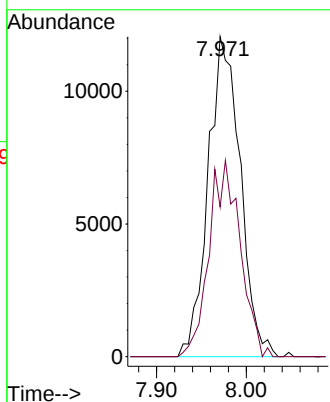
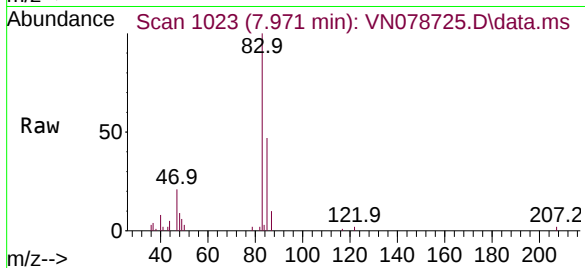
Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

08/02/2023

Supervised By :Mahesh
 Dadoda

08/02/2023



#26

Cyclohexane

Concen: 2.322 ug/l

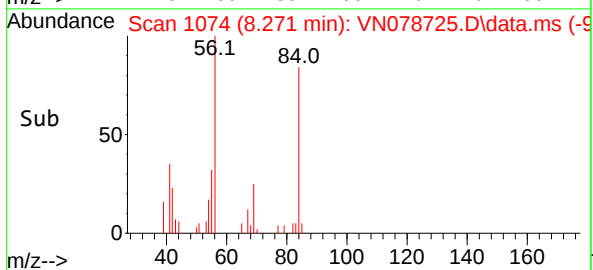
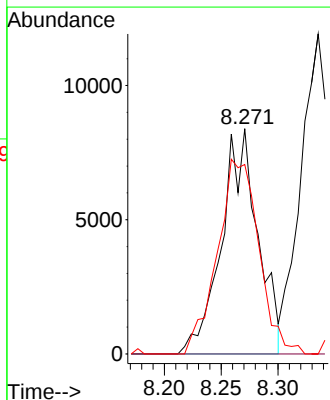
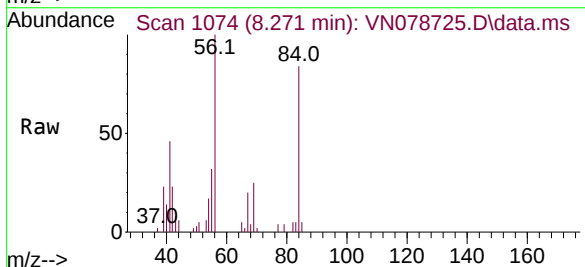
RT: 8.271 min Scan# 1074

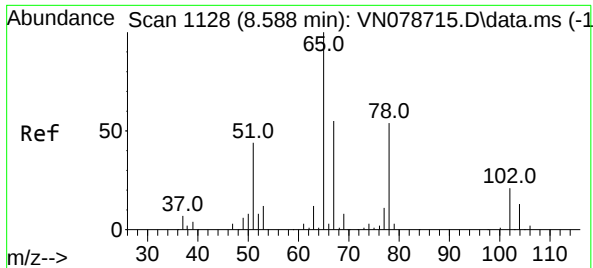
Delta R.T. 0.006 min

Lab File: VN078725.D

Acq: 01 Aug 2023 19:25

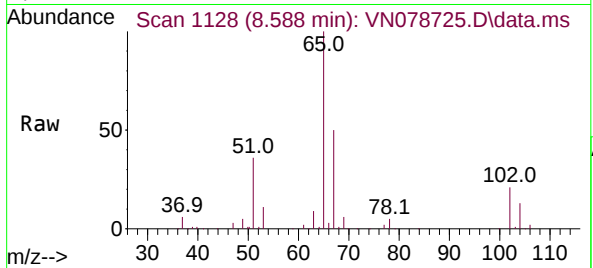
Tgt Ion: 56 Resp: 18645
 Ion Ratio Lower Upper
 56 100
 89 0.0 0.0 0.0
 84 97.8 74.2 111.4





#27
 1,2-Dichloroethane-d4
 Concen: 29.684 ug/l
 RT: 8.588 min Scan# 1128
 Delta R.T. 0.000 min
 Lab File: VN078725.D
 Acq: 01 Aug 2023 19:25

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2023



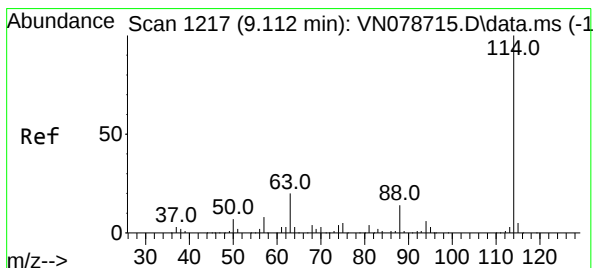
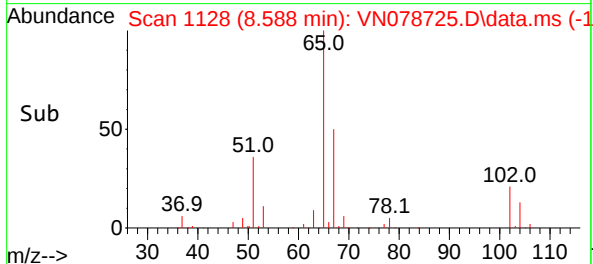
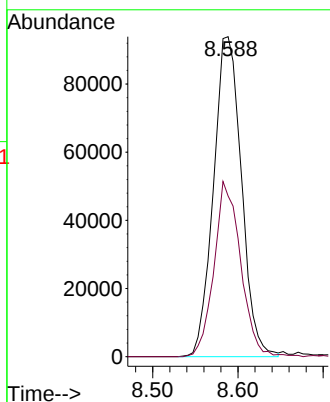
Tgt Ion: 65 Resp: 213840
 Ion Ratio Lower Upper
 65 100
 67 51.7 42.9 64.3

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

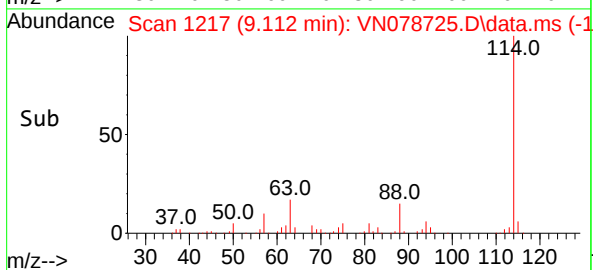
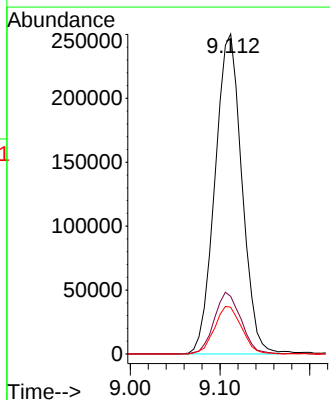
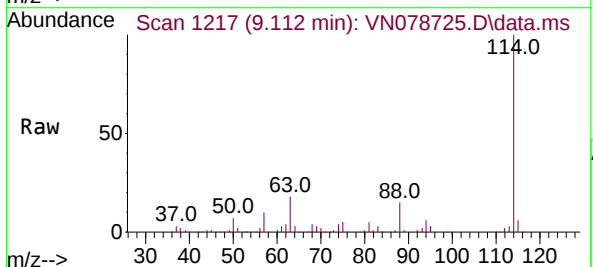
08/02/2023
 Supervised By :Mahesh
 Dadoda

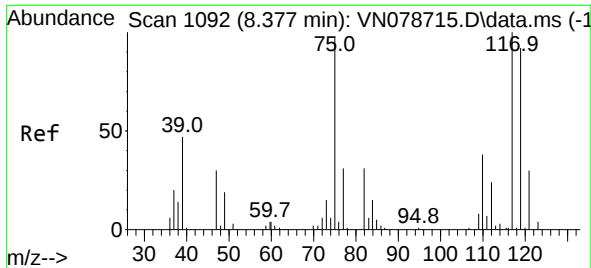
08/02/2023



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 9.112 min Scan# 1217
 Delta R.T. -0.000 min
 Lab File: VN078725.D
 Acq: 01 Aug 2023 19:25

Tgt Ion:114 Resp: 520363
 Ion Ratio Lower Upper
 114 100
 63 19.2 15.2 22.8
 88 15.0 12.5 18.7





#29

1,1-Dichloropropene

Concen: 2.536 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VN078725.D

Acq: 01 Aug 2023 19:25

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

Tgt Ion: 75	Resp: 19410
Ion Ratio	Lower Upper
75 100	
110 34.2	0.0 72.2
77 34.6	0.0 62.8

Manual Integrations

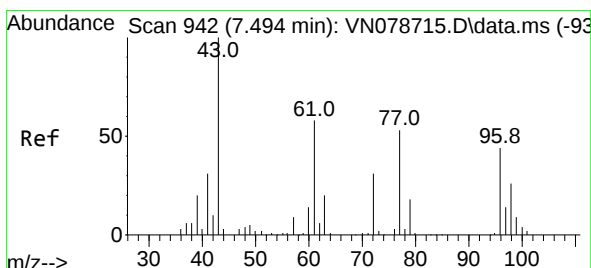
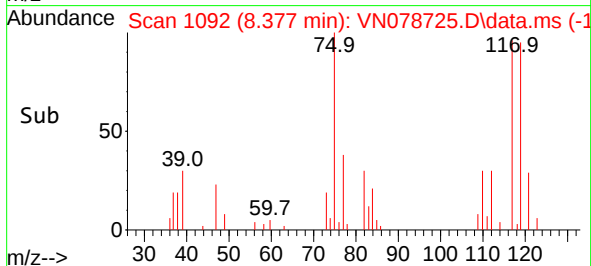
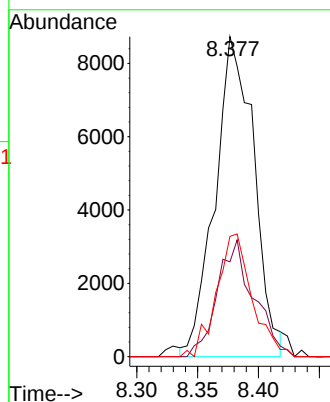
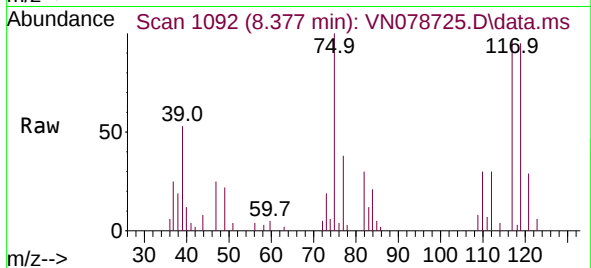
APPROVED

Reviewed By :John
Carlone

08/02/2023

Supervised By :Mahesh
Dadoda

08/02/2023



#30

2-Butanone

Concen: 12.893 ug/l

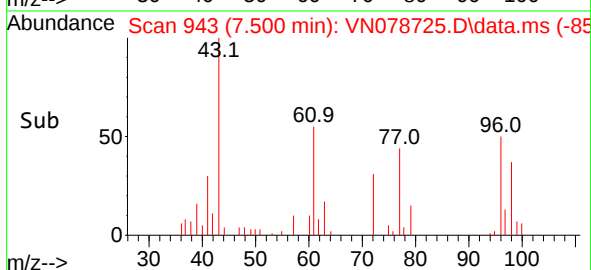
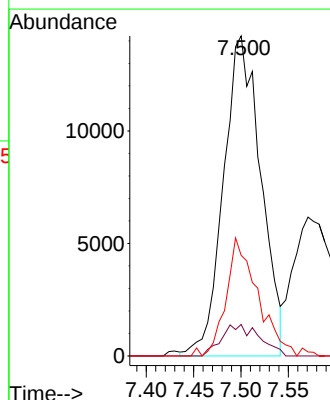
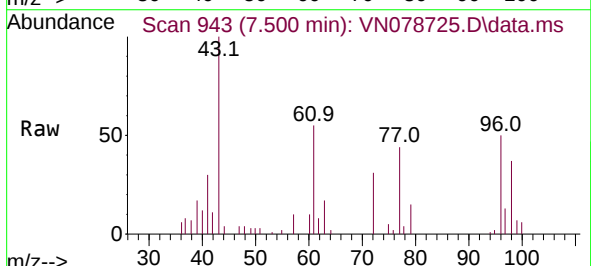
RT: 7.500 min Scan# 943

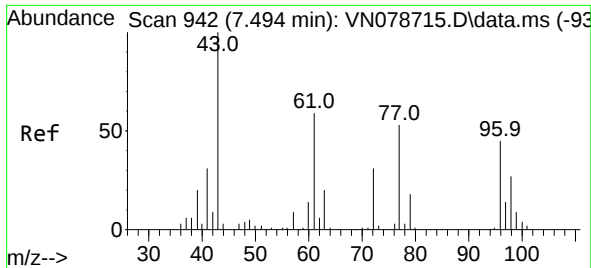
Delta R.T. 0.006 min

Lab File: VN078725.D

Acq: 01 Aug 2023 19:25

Tgt Ion: 43	Resp: 39024
Ion Ratio	Lower Upper
43 100	
57 6.4	6.8 10.2
72 30.9	23.8 35.6





#31

2,2-Dichloropropane

Concen: 2.258 ug/l

RT: 7.494 min Scan# 942

Delta R.T. 0.000 min

Lab File: VN078725.D

Acq: 01 Aug 2023 19:25

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

Tgt Ion: 77 Resp: 19836

Ion Ratio Lower Upper

77 100

97 20.6 18.8 28.2

Manual Integrations

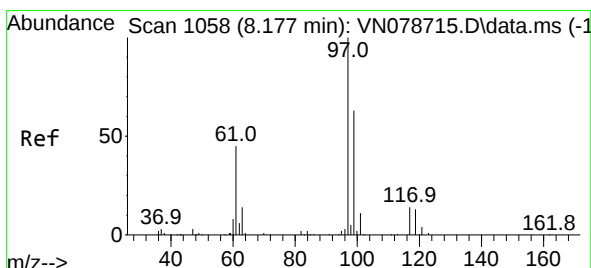
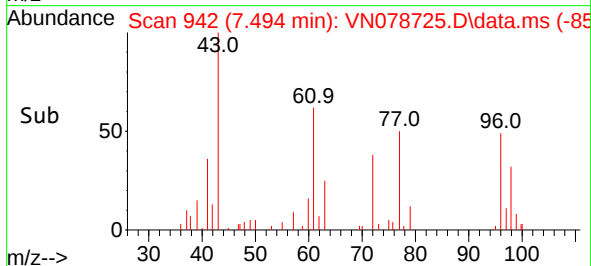
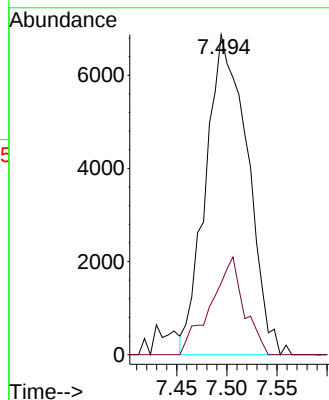
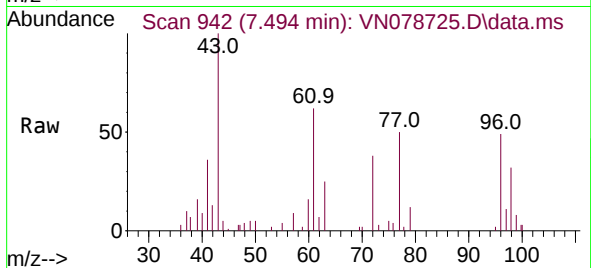
APPROVED

Reviewed By :John
Carlone

08/02/2023

Supervised By :Mahesh
Dadoda

08/02/2023



#32

1,1,1-Trichloroethane

Concen: 2.461 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078725.D

Acq: 01 Aug 2023 19:25

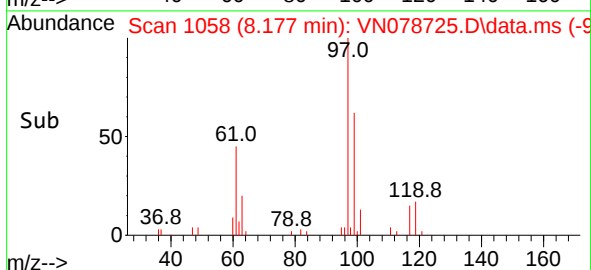
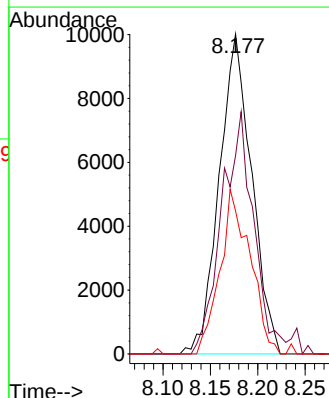
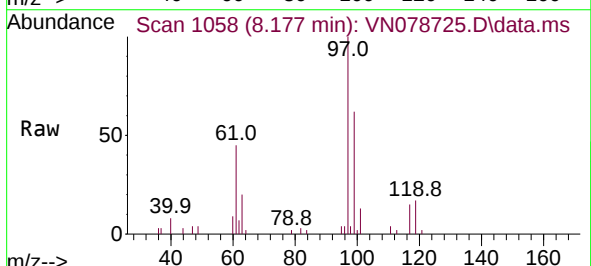
Tgt Ion: 97 Resp: 23836

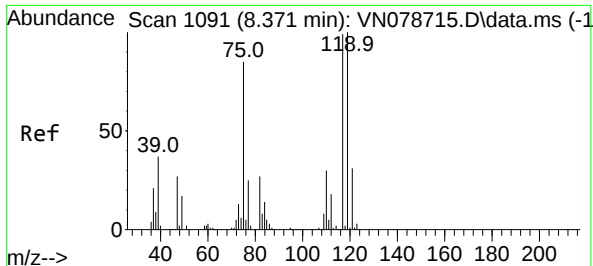
Ion Ratio Lower Upper

97 100

99 43.3 51.3 76.9#

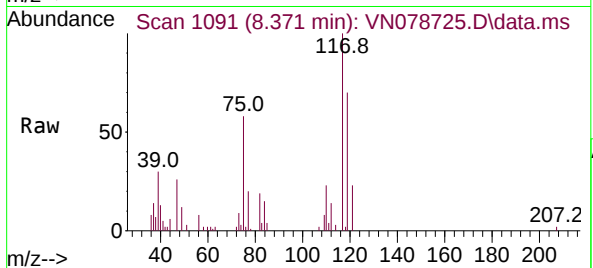
61 47.8 34.6 52.0





#33
Carbon Tetrachloride
Concen: 2.945 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2023



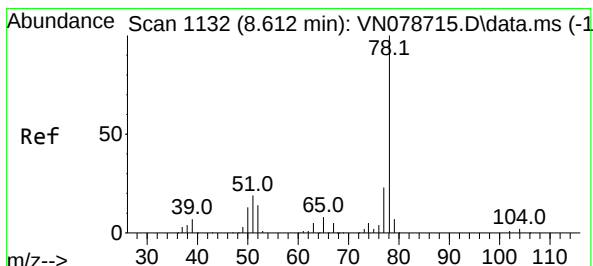
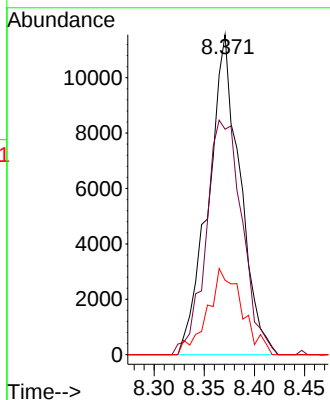
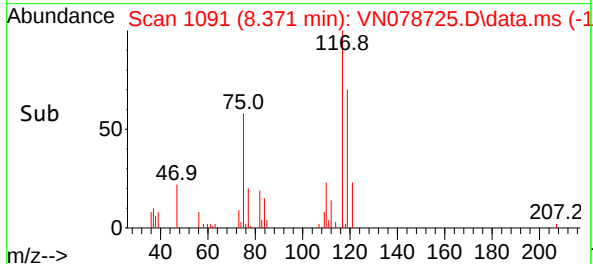
Tgt Ion: 117 Resp: 25340
Ion Ratio Lower Upper
117 100
119 70.4 81.4 122.0
121 23.3 23.6 35.4

Manual Integrations
APPROVED

Reviewed By :John
Carlone

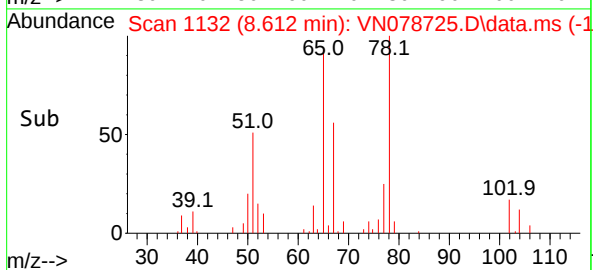
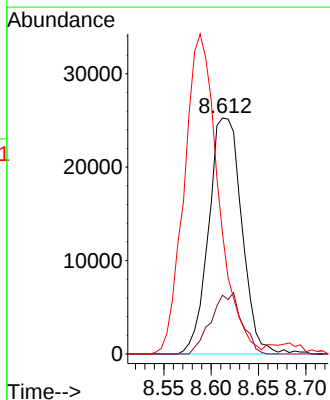
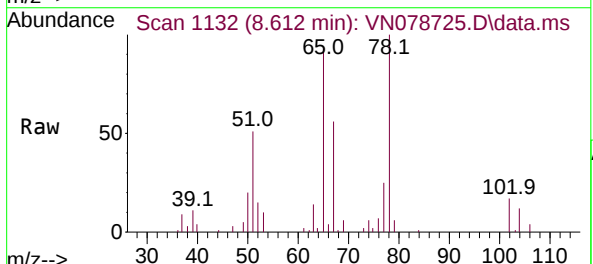
08/02/2023
Supervised By :Mahesh
Dadoda

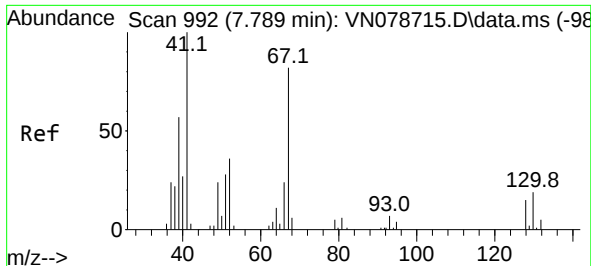
08/02/2023



#34
Benzene
Concen: 2.656 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

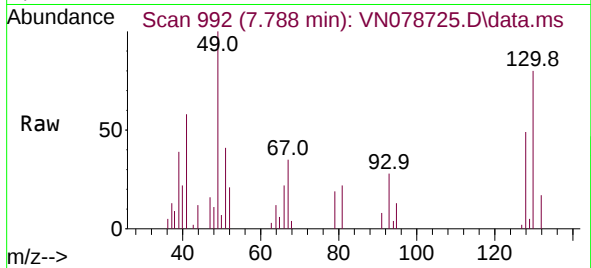
Tgt Ion: 78 Resp: 61087
Ion Ratio Lower Upper
78 100
77 24.9 18.3 27.5
51 47.4 13.7 20.5





#35
Methacrylonitrile
Concen: 2.632 ug/l
RT: 7.788 min Scan# 992
Delta R.T. -0.001 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2023



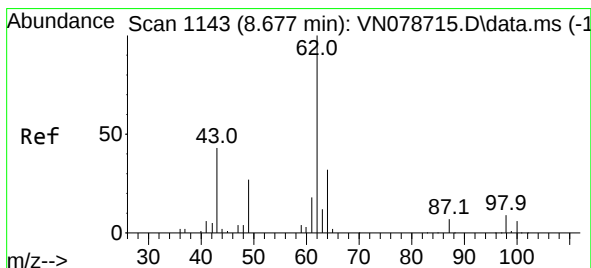
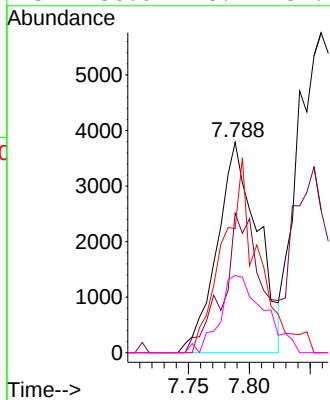
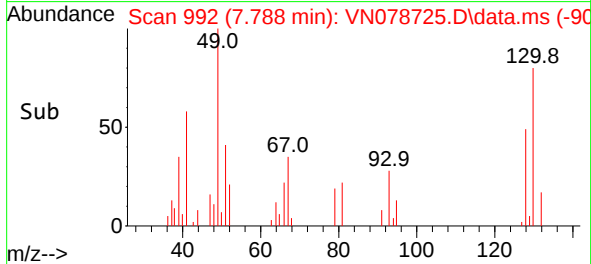
Tgt Ion	Ratio	Lower	Upper
41	100		
39	66.3	33.9	101.6
67	59.0	45.9	137.6
52	36.6	18.2	54.6

Manual Integrations
APPROVED

Reviewed By :John
Carlone

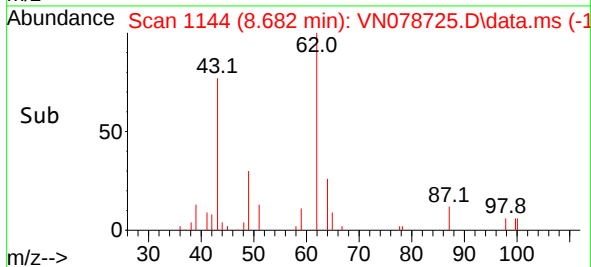
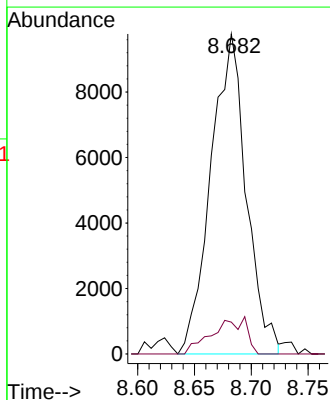
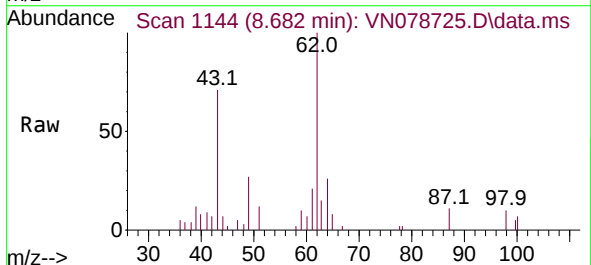
08/02/2023
Supervised By :Mahesh
Dadoda

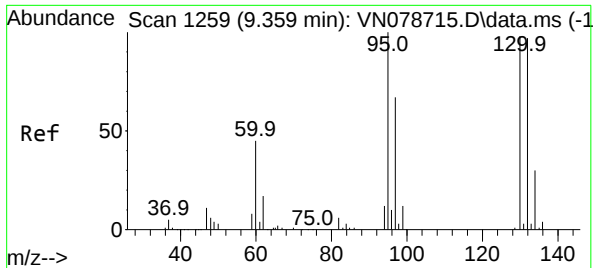
08/02/2023



#36
1,2-Dichloroethane
Concen: 2.622 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. 0.005 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.6	7.4	11.0





#37

Trichloroethene

Concen: 2.576 ug/l

RT: 9.359 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN078725.D

Acq: 01 Aug 2023 19:25

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

Tgt Ion:130 Resp: 1662

Ion Ratio Lower Upper

130 100

95 99.2 78.2 117.4

Manual Integrations

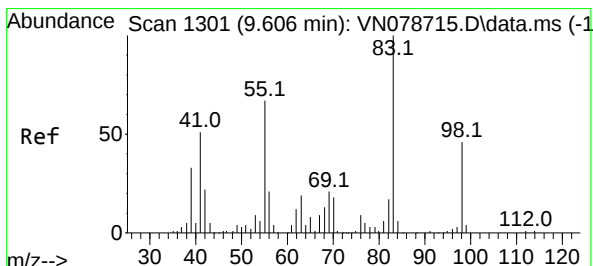
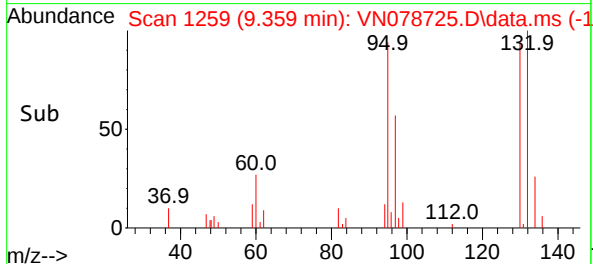
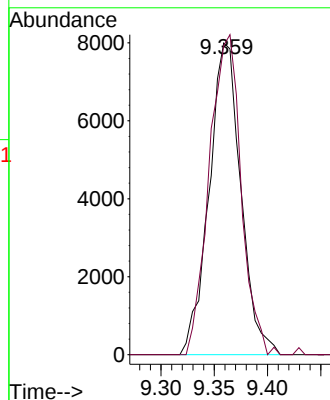
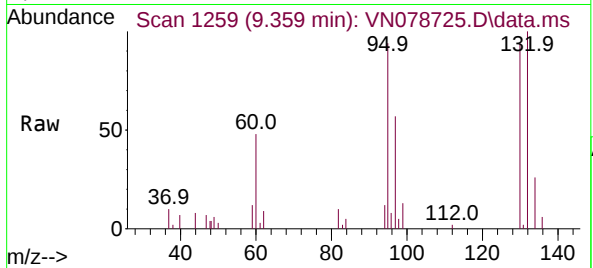
APPROVED

Reviewed By :John
Carlone

08/02/2023

Supervised By :Mahesh
Dadoda

08/02/2023



#38

Methylcyclohexane

Concen: 2.224 ug/l

RT: 9.612 min Scan# 1302

Delta R.T. 0.006 min

Lab File: VN078725.D

Acq: 01 Aug 2023 19:25

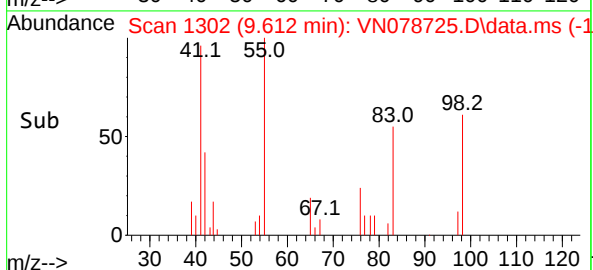
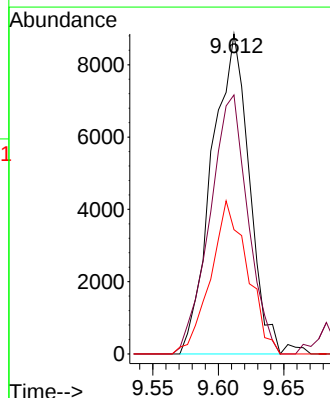
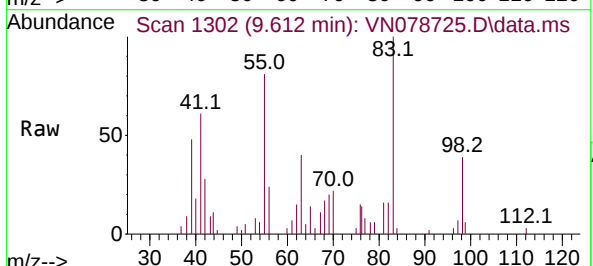
Tgt Ion: 83 Resp: 17500

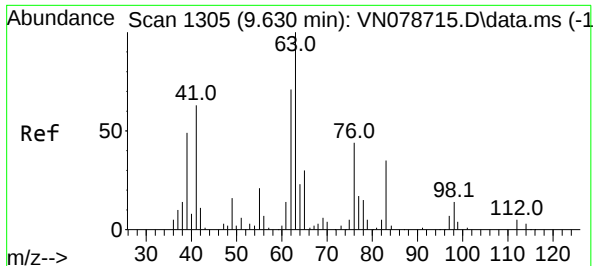
Ion Ratio Lower Upper

83 100

55 82.3 34.0 102.0

98 47.3 23.0 69.0





#39

1,2-Dichloropropane

Concen: 2.617 ug/l

RT: 9.629 min Scan# 1305

Delta R.T. -0.001 min

Lab File: VN078725.D

Acq: 01 Aug 2023 19:25

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

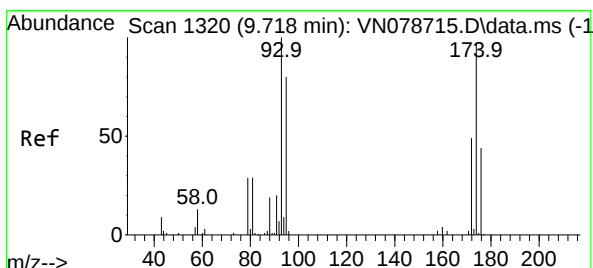
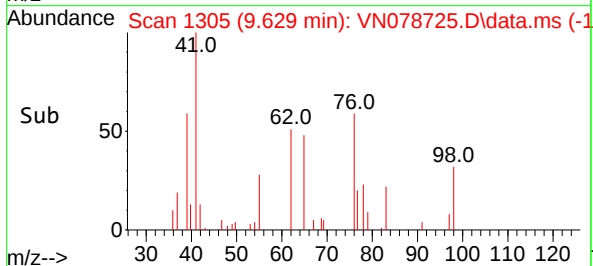
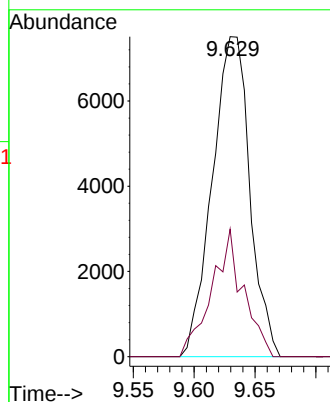
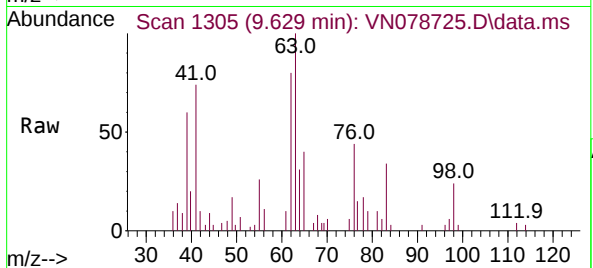
Tgt Ion: 63 Resp: 16134
 Ion Ratio Lower Upper
 63 100
 65 39.9 27.4 41.2

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

08/02/2023
 Supervised By :Mahesh
 Dadoda

08/02/2023



#40

Dibromomethane

Concen: 2.977 ug/l

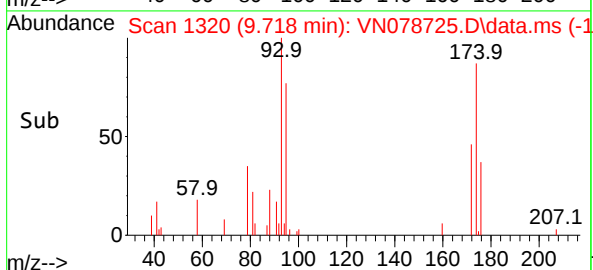
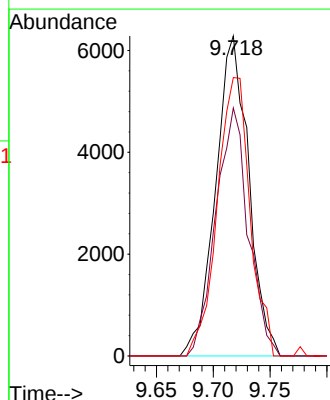
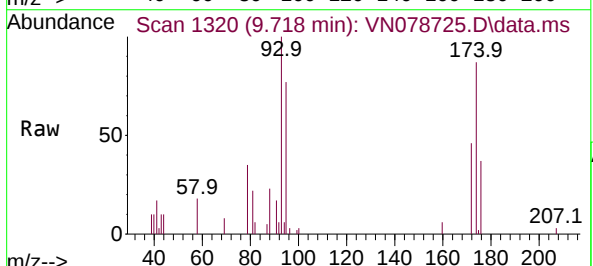
RT: 9.718 min Scan# 1320

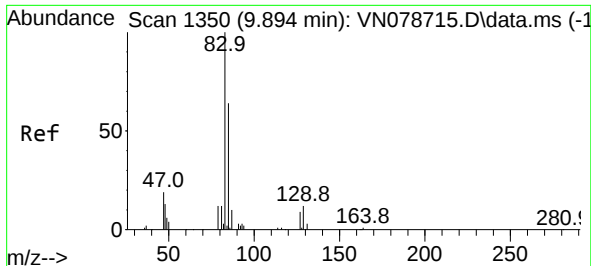
Delta R.T. -0.000 min

Lab File: VN078725.D

Acq: 01 Aug 2023 19:25

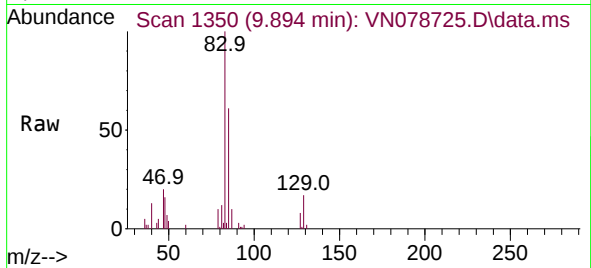
Tgt Ion: 93 Resp: 12705
 Ion Ratio Lower Upper
 93 100
 95 76.3 0.0 167.8
 174 86.2 0.0 180.8





#41
Bromodichloromethane
Concen: 2.639 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023



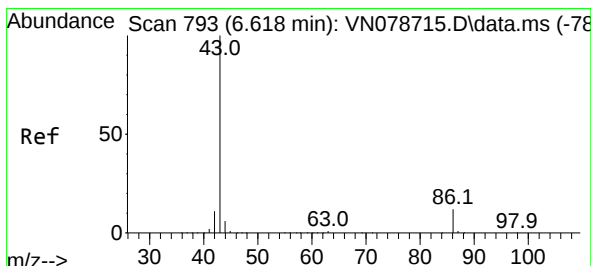
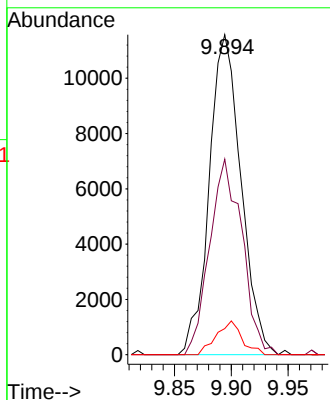
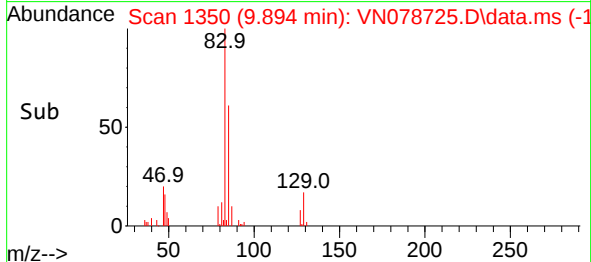
Tgt Ion: 83 Resp: 2251
Ion Ratio Lower Upper
83 100
85 61.1 54.1 81.1
127 8.2 7.8 11.6

Manual Integrations
APPROVED

Reviewed By :John
Carlone

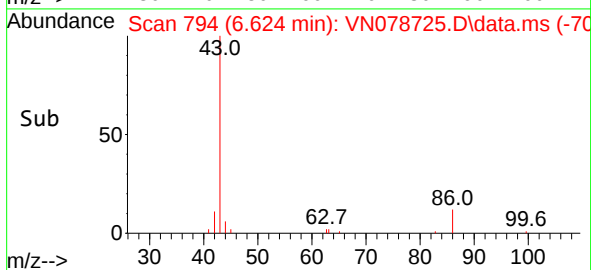
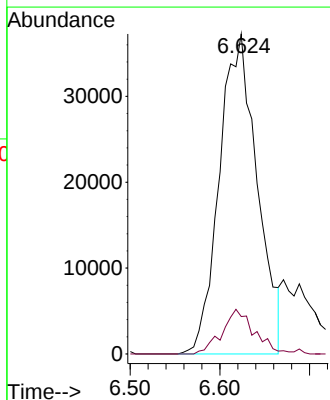
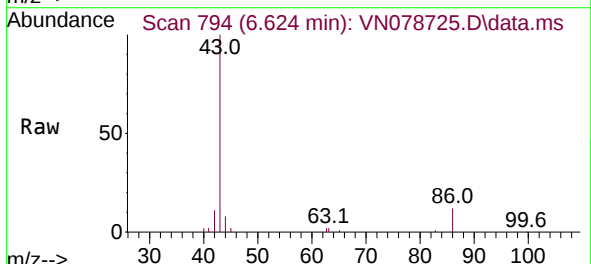
08/02/2023
Supervised By :Mahesh
Dadoda

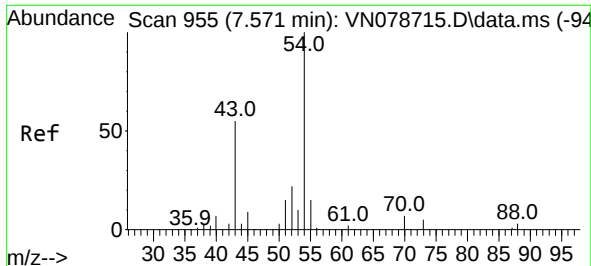
08/02/2023



#42
Vinyl Acetate
Concen: 11.206 ug/l
RT: 6.624 min Scan# 794
Delta R.T. 0.006 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

Tgt Ion: 43 Resp: 109044
Ion Ratio Lower Upper
43 100
86 10.1 9.4 14.0





#43

Ethyl Acetate

Concen: 2.853 ug/l

RT: 7.571 min Scan# 955

Delta R.T. -0.000 min

Lab File: VN078725.D

Acq: 01 Aug 2023 19:25

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

Tgt Ion: 43 Resp: 1785
 Ion Ratio Lower Upper
 43 100
 45 2.6 10.9 16.3

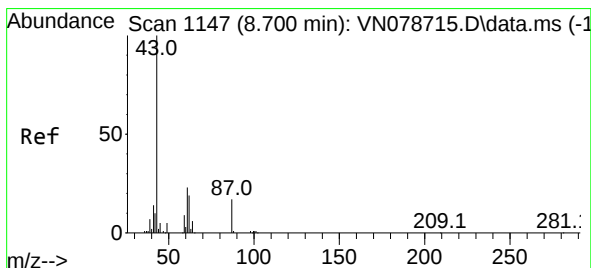
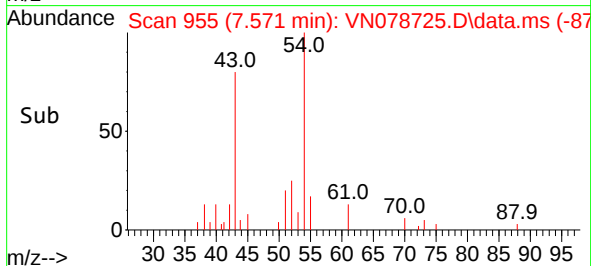
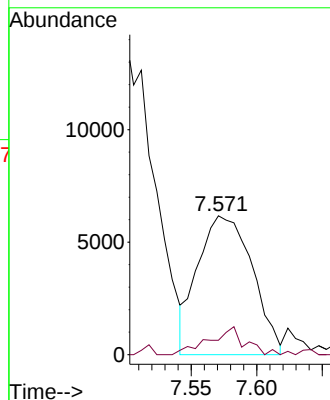
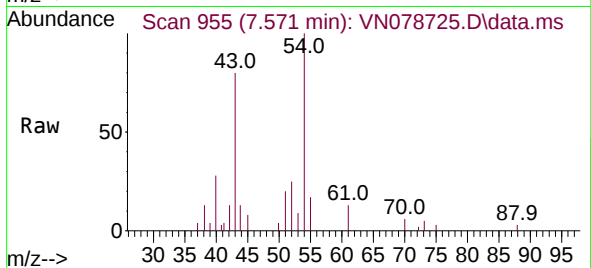
Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

08/02/2023

Supervised By :Mahesh
 Dadoda

08/02/2023



#44

Isopropyl Acetate

Concen: 2.839 ug/l

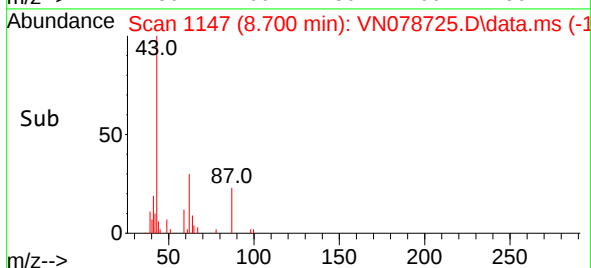
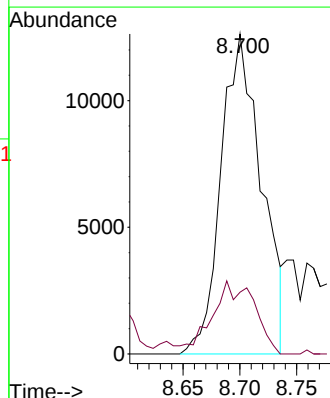
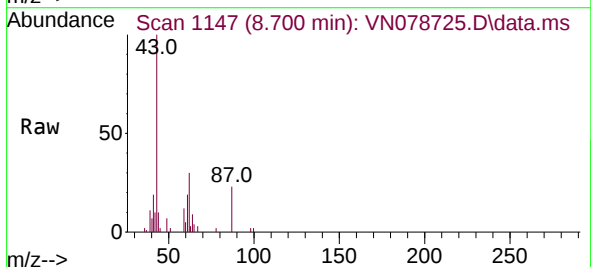
RT: 8.700 min Scan# 1147

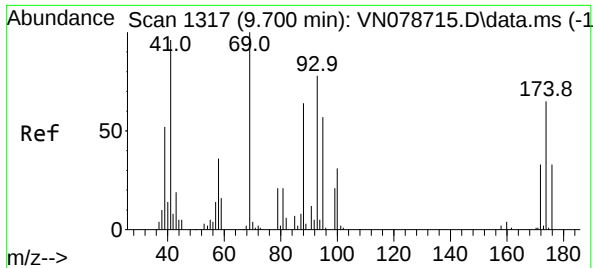
Delta R.T. 0.000 min

Lab File: VN078725.D

Acq: 01 Aug 2023 19:25

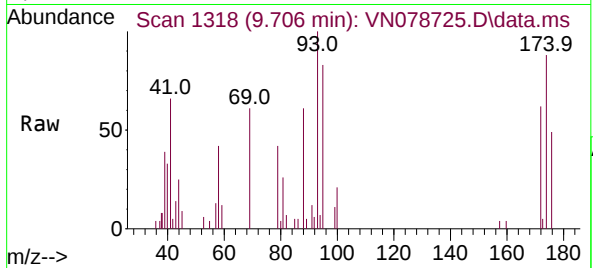
Tgt Ion: 43 Resp: 31169
 Ion Ratio Lower Upper
 43 100
 61 10.9 23.0 34.6





#45
1,4-Dioxane
Concen: 52.332 ug/l
RT: 9.706 min Scan# 1317
Delta R.T. 0.006 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023



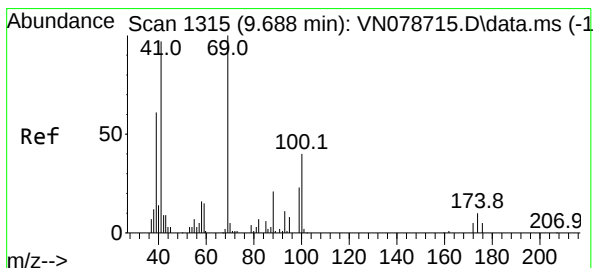
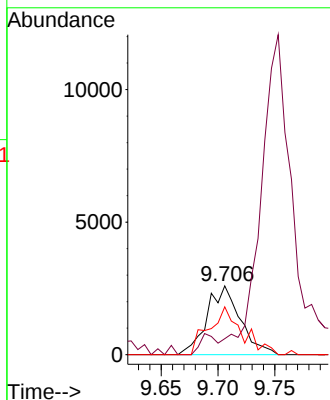
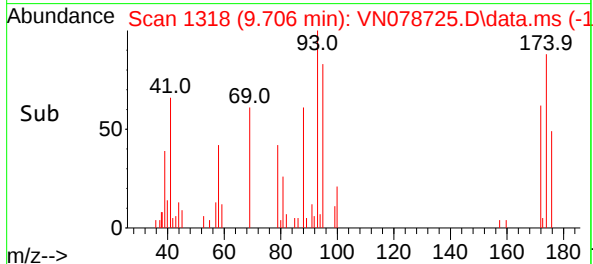
Tgt Ion: 88 Resp: 5285
Ion Ratio Lower Upper
88 100
43 4.9 19.0 28.6
58 53.2 48.2 72.2

Manual Integrations
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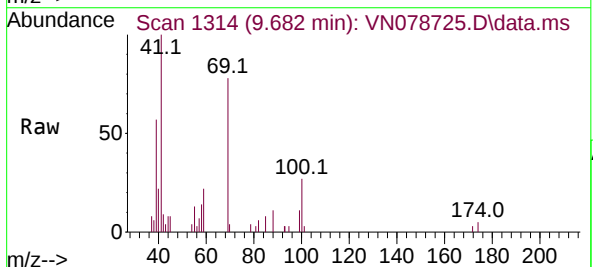
Reviewed By :John
Carlone

08/02/2023
Supervised By :Mahesh
Dadoda

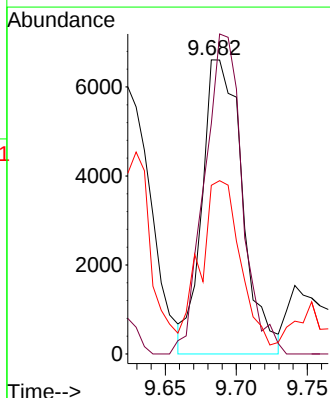
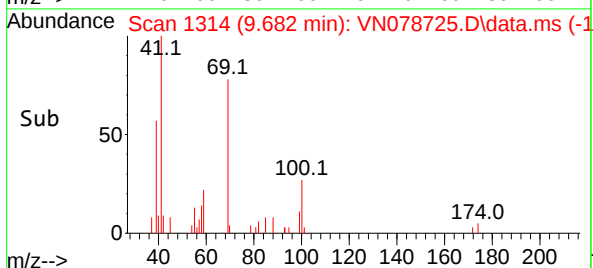
08/02/2023

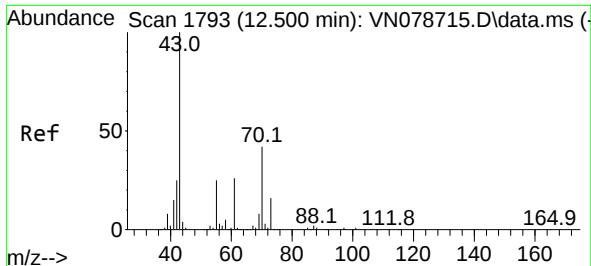


#46
Methyl methacrylate
Concen: 2.588 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25



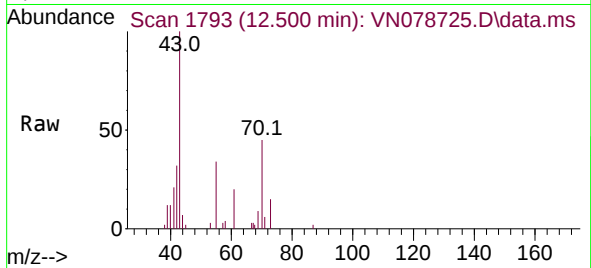
Tgt Ion: 41 Resp: 13013
Ion Ratio Lower Upper
41 100
69 80.0 49.0 147.0
39 57.3 31.6 94.8





#47
n-amy1 Acetate
Concen: 1.950 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2023



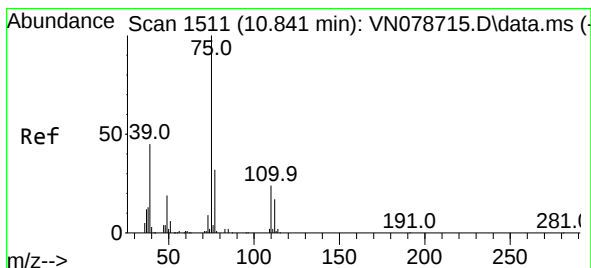
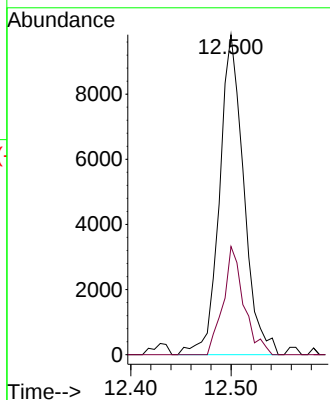
Tgt Ion: 43 Resp: 16490
Ion Ratio Lower Upper
43 100
55 27.3 21.5 32.3

Manual Integrations
APPROVED

Reviewed By :John
Carlone

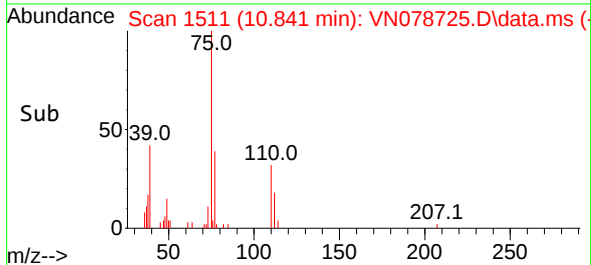
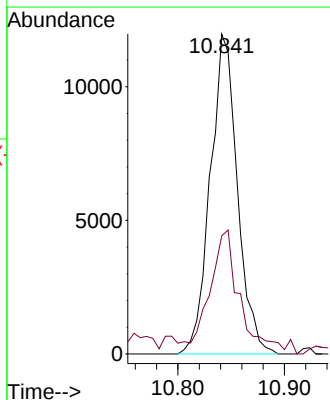
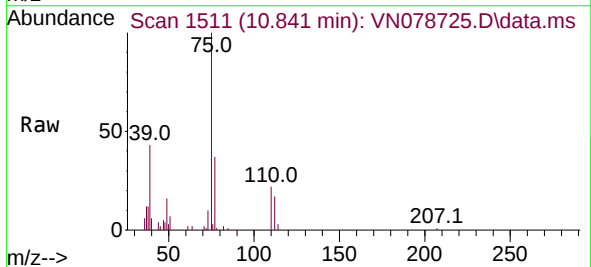
08/02/2023
Supervised By :Mahesh
Dadoda

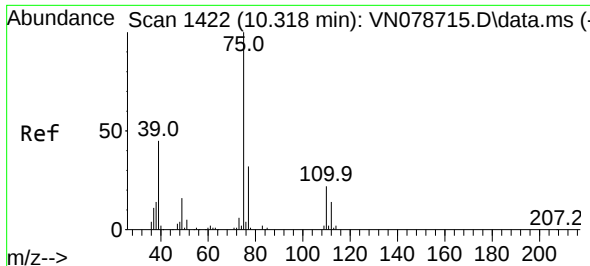
08/02/2023



#48
t-1,3-Dichloropropene
Concen: 2.325 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

Tgt Ion: 75 Resp: 21174
Ion Ratio Lower Upper
75 100
77 33.5 26.1 39.1





#49

cis-1,3-Dichloropropene

Concen: 2.441 ug/l

RT: 10.318 min Scan# 1422

Delta R.T. -0.000 min

Lab File: VN078725.D

Acq: 01 Aug 2023 19:25

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

Tgt Ion: 75	Resp: 2361
Ion Ratio	Lower Upper
75 100	
77 30.1	24.0 36.0
39 51.1	35.1 52.7

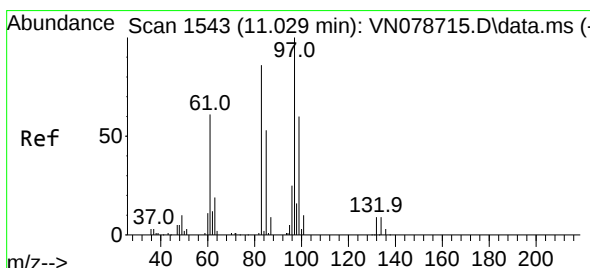
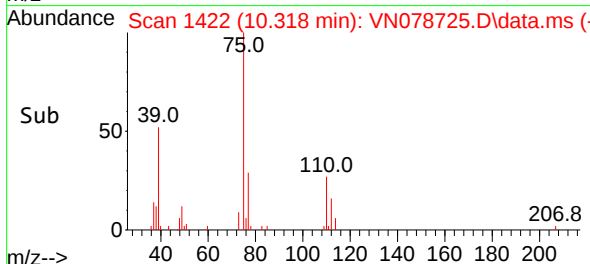
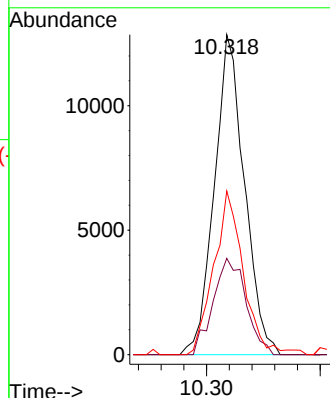
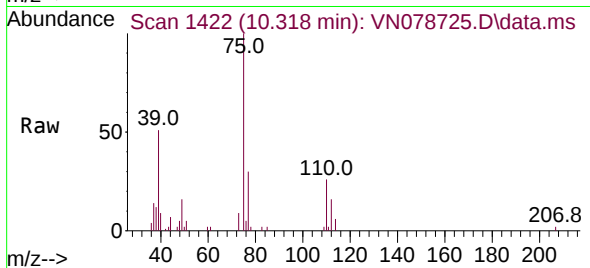
Manual Integrations
APPROVED

Reviewed By :John
Carlone

08/02/2023

Supervised By :Mahesh
Dadoda

08/02/2023



#50

1,1,2-Trichloroethane

Concen: 2.692 ug/l

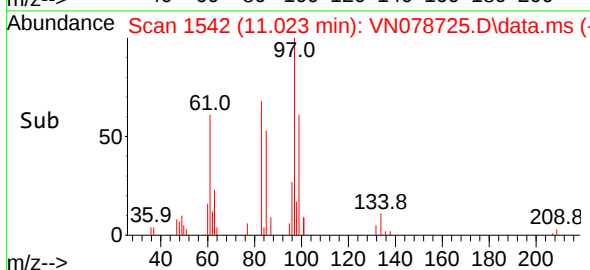
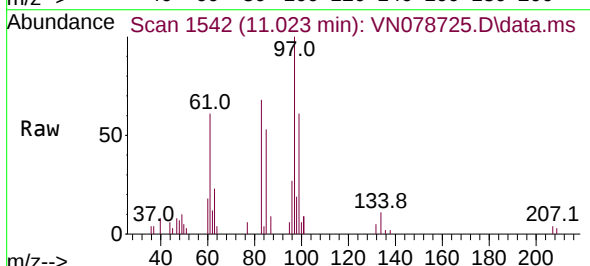
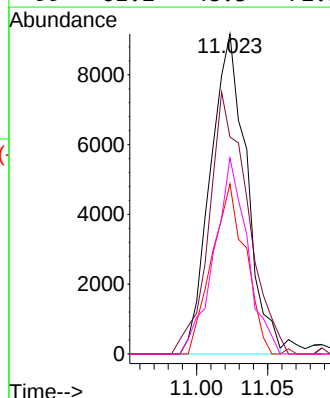
RT: 11.023 min Scan# 1542

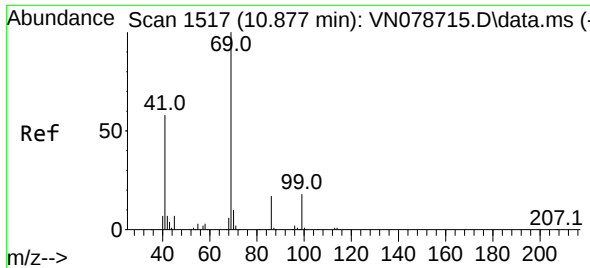
Delta R.T. -0.006 min

Lab File: VN078725.D

Acq: 01 Aug 2023 19:25

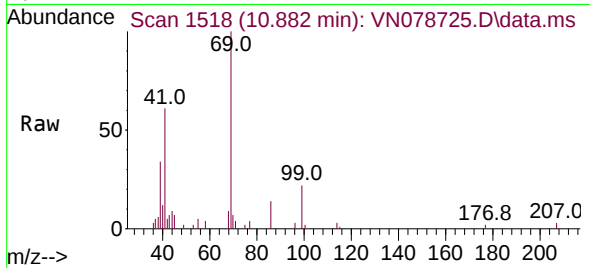
Tgt Ion: 97	Resp: 16261
Ion Ratio	Lower Upper
97 100	
83 63.3	66.8 100.2
85 53.1	42.5 63.7
99 61.2	48.3 72.5





#51
Ethyl methacrylate
Concen: 2.349 ug/l
RT: 10.882 min Scan# 1517
Delta R.T. 0.005 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2023



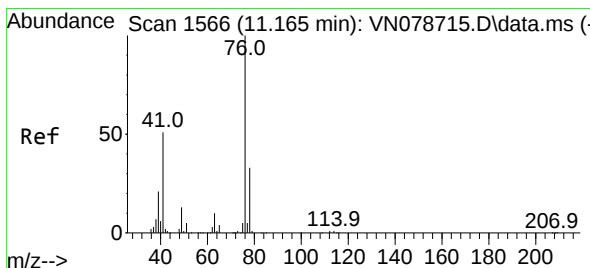
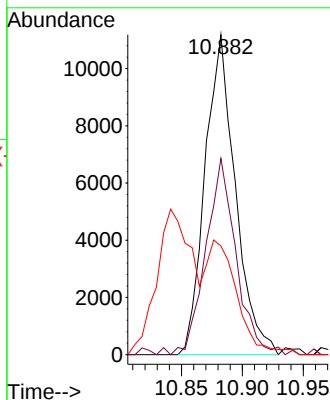
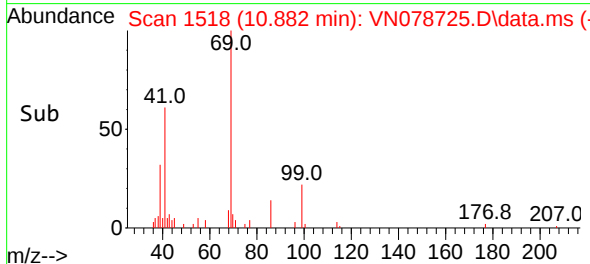
Tgt Ion: 69 Resp: 19429
Ion Ratio Lower Upper
69 100
41 59.0 26.0 78.0
39 32.3 16.3 48.9

Manual Integrations
APPROVED

Reviewed By :John
Carlone

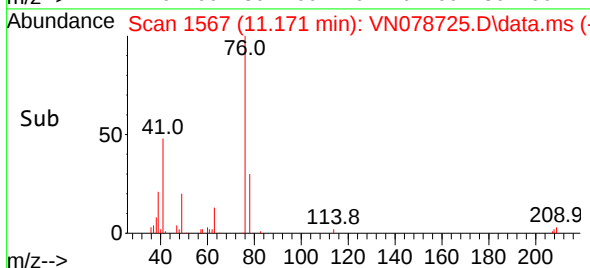
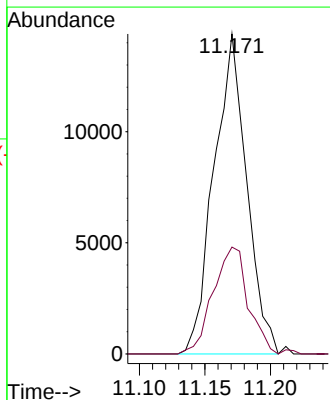
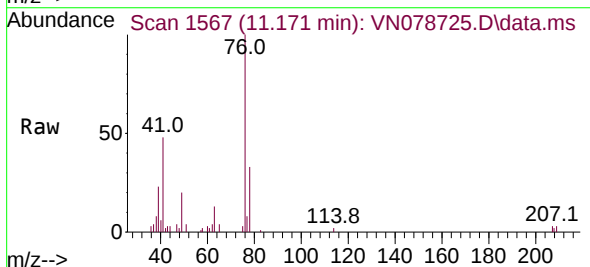
08/02/2023
Supervised By :Mahesh
Dadoda

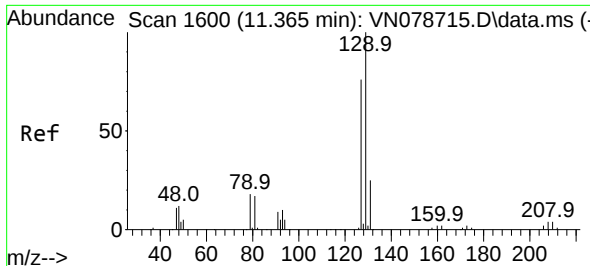
08/02/2023



#52
1,3-Dichloropropane
Concen: 2.303 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

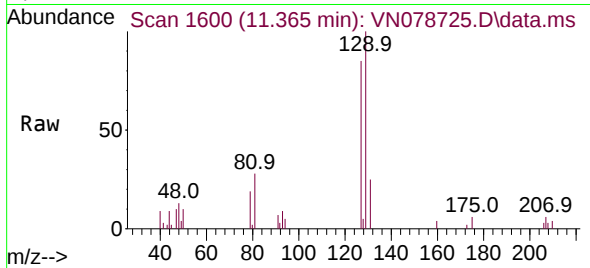
Tgt Ion: 76 Resp: 25000
Ion Ratio Lower Upper
76 100
78 35.7 0.0 66.2





#53
Dibromochloromethane
Concen: 2.374 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2023



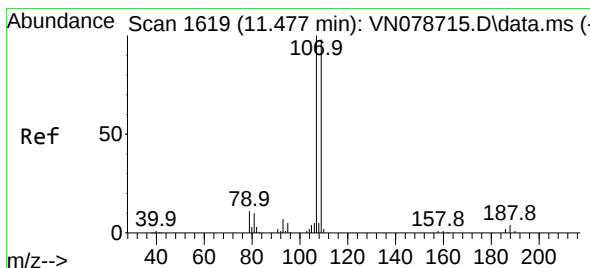
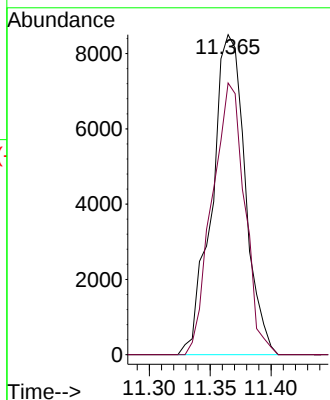
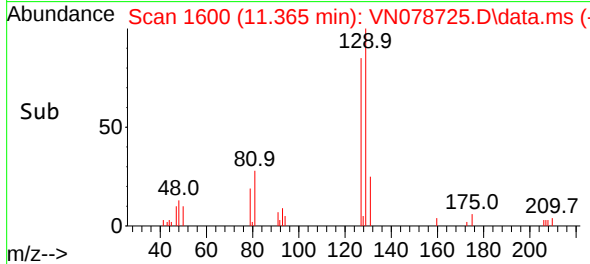
Tgt Ion:129 Resp: 16204
Ion Ratio Lower Upper
129 100
127 82.8 39.4 118.1

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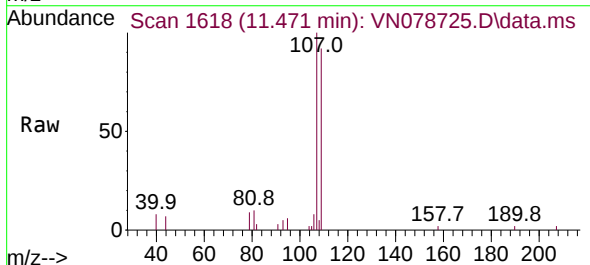
Reviewed By :John
Carlone

08/02/2023
Supervised By :Mahesh
Dadoda

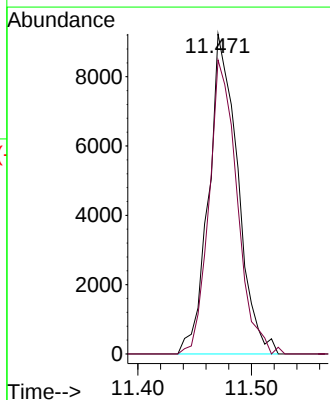
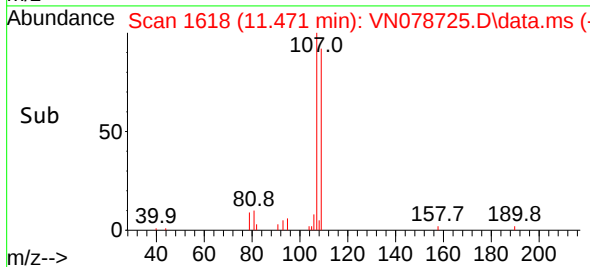
08/02/2023

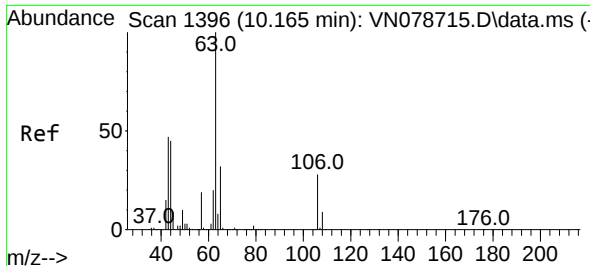


#54
1,2-Dibromoethane
Concen: 2.707 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.006 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25



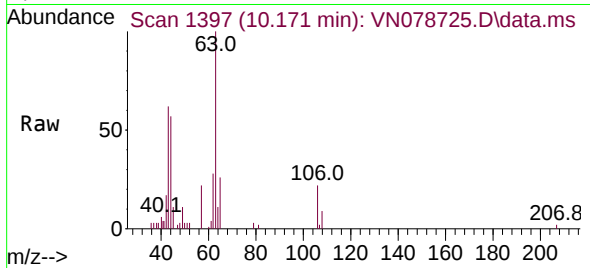
Tgt Ion:107 Resp: 16421
Ion Ratio Lower Upper
107 100
109 88.0 74.6 112.0





#55
2-Chloroethyl vinyl ether
Concen: 10.466 ug/l
RT: 10.171 min Scan# 1397
Delta R.T. 0.006 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023



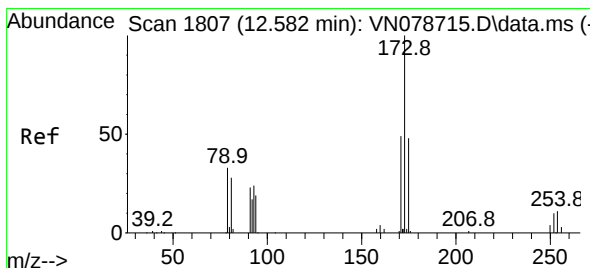
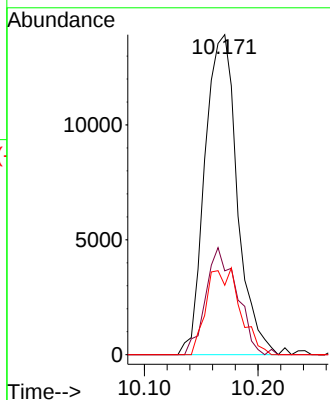
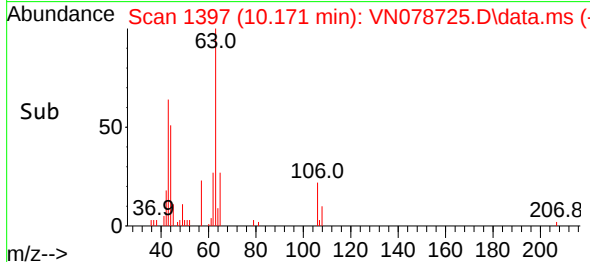
Tgt Ion: 63 Resp: 2758
Ion Ratio Lower Upper
63 100
65 32.1 26.3 39.5
106 16.6 23.8 35.6

Manual Integrations
APPROVED

Reviewed By :John
Carlone

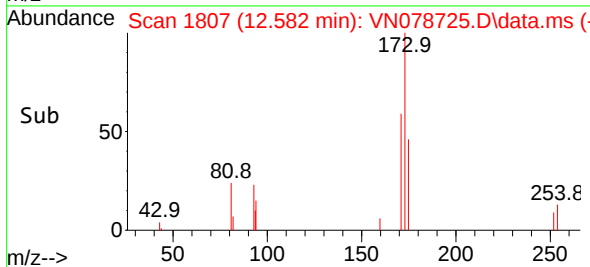
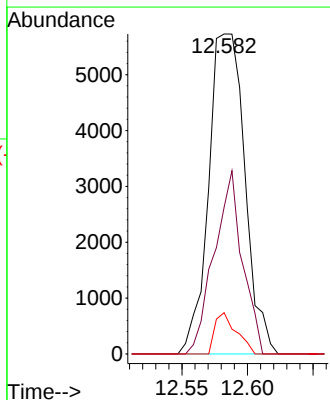
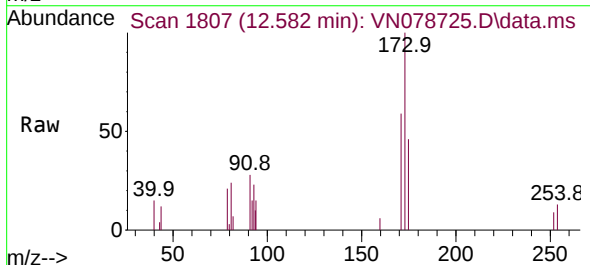
08/02/2023
Supervised By :Mahesh
Dadoda

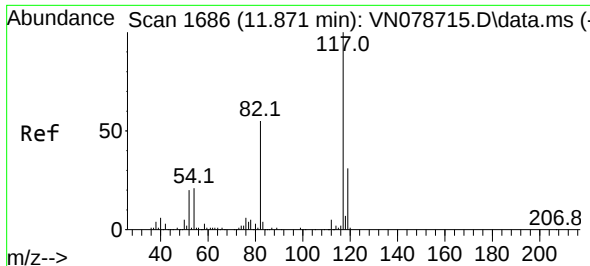
08/02/2023



#56
Bromoform
Concen: 2.470 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

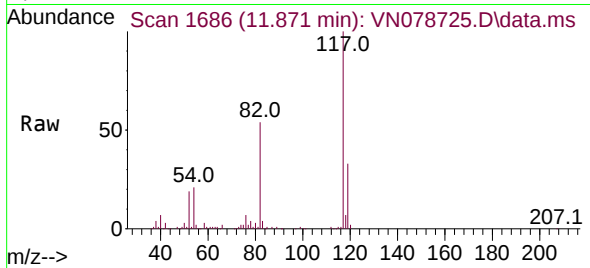
Tgt Ion:173 Resp: 11027
Ion Ratio Lower Upper
173 100
175 44.5 40.7 61.1
254 7.6 6.5 9.7





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2023



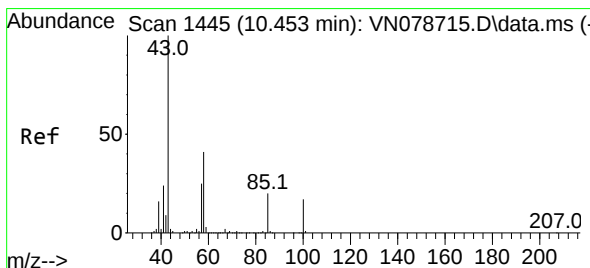
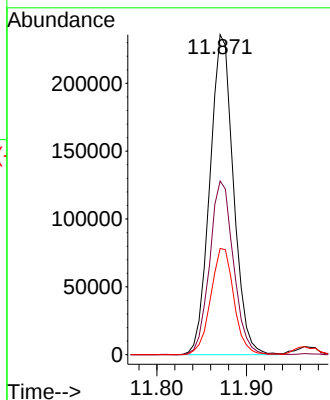
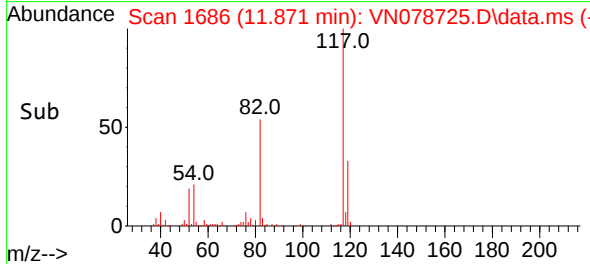
Tgt Ion: 117 Resp: 431839
Ion Ratio Lower Upper
117 100
82 54.7 43.9 65.9
119 32.6 26.2 39.4

Manual Integrations
APPROVED

Reviewed By :John
Carlone

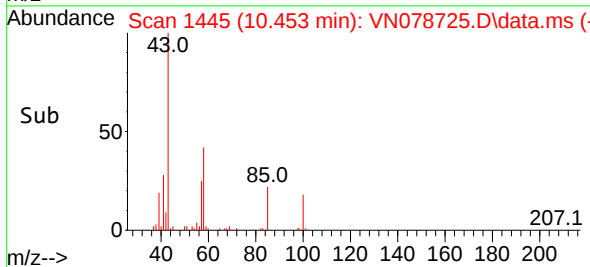
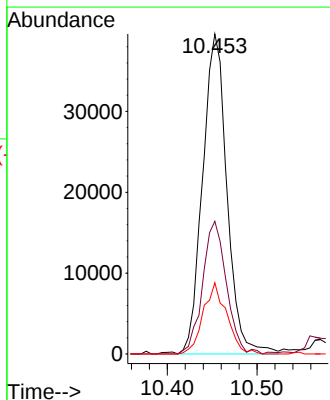
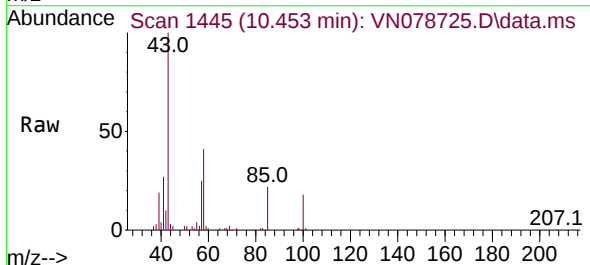
08/02/2023
Supervised By :Mahesh
Dadoda

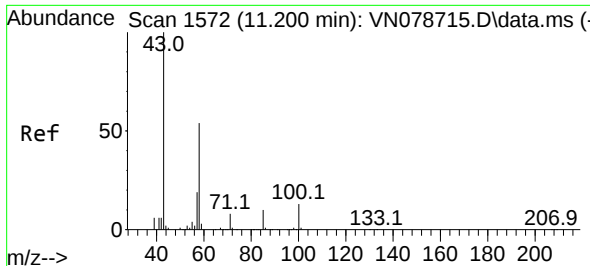
08/02/2023



#58
4-Methyl-2-Pentanone
Concen: 11.555 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

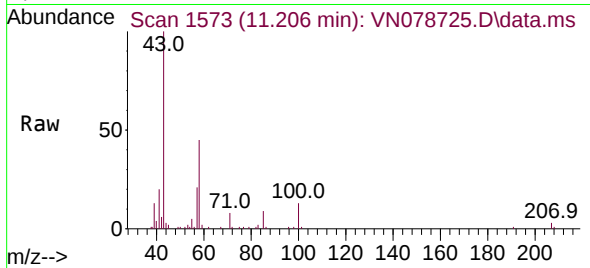
Tgt Ion: 43 Resp: 74691
Ion Ratio Lower Upper
43 100
58 40.1 32.6 48.8
85 21.1 16.2 24.2





#59
2-Hexanone
Concen: 10.643 ug/l
RT: 11.206 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023



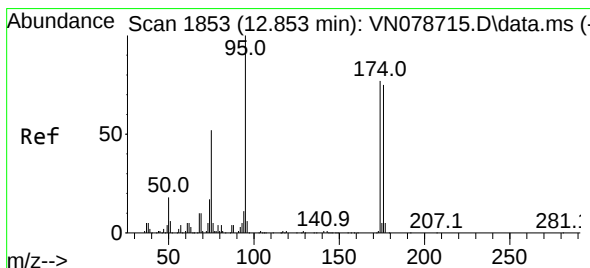
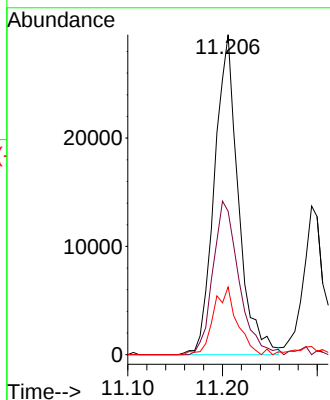
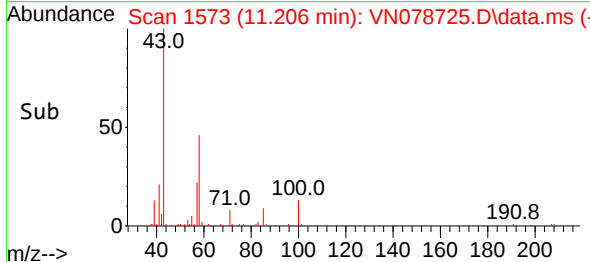
Tgt Ion: 43 Resp: 5208
Ion Ratio Lower Upper
43 100
58 51.6 45.9 68.9
57 20.3 15.8 23.6

Manual Integrations
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Reviewed By :John
Carlone

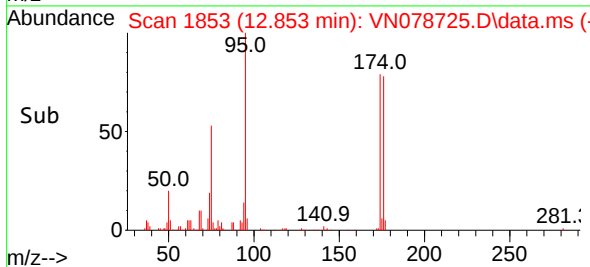
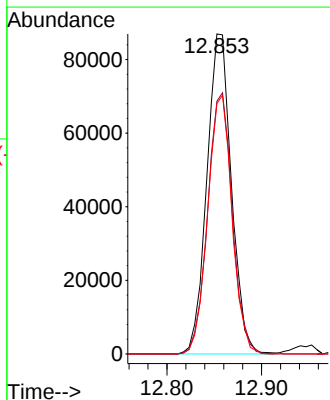
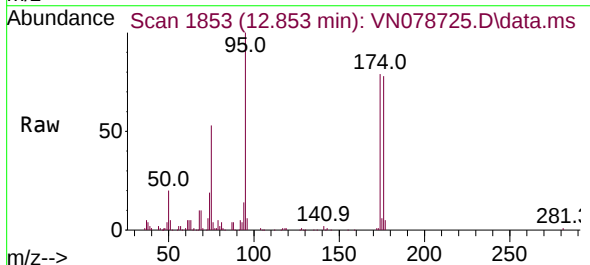
08/02/2023
Supervised By :Mahesh
Dadoda

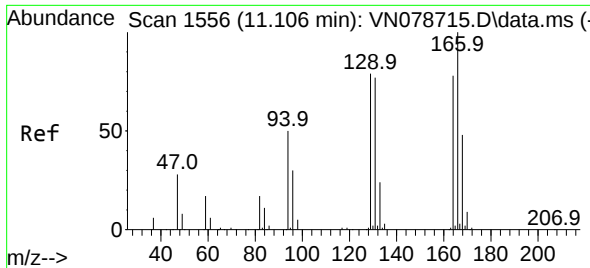
08/02/2023



#60
4-Bromofluorobenzene
Concen: 24.182 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

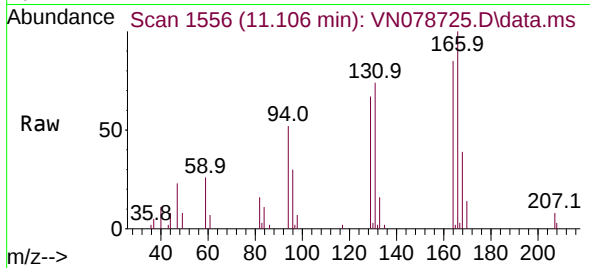
Tgt Ion: 95 Resp: 156498
Ion Ratio Lower Upper
95 100
174 81.8 61.7 92.5
176 79.7 58.1 87.1





#61
Tetrachloroethene
Concen: 2.470 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2023



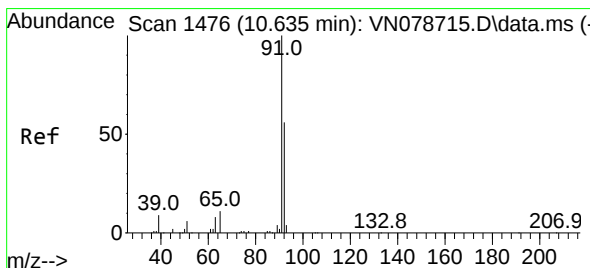
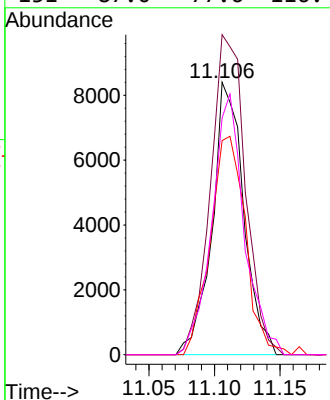
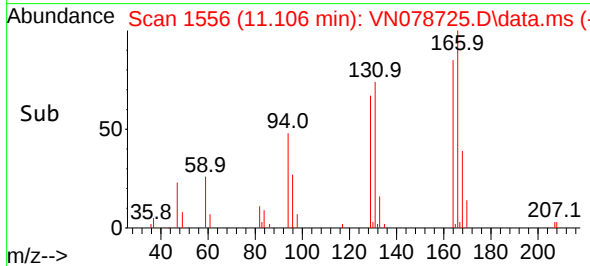
Tgt Ion:164 Resp: 1402
Ion Ratio Lower Upper
164 100
166 117.5 99.1 148.7
129 78.6 85.6 128.4
131 87.0 77.6 116.4

Manual Integrations
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Reviewed By :John
Carlone

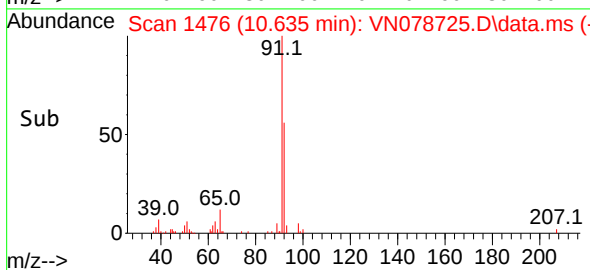
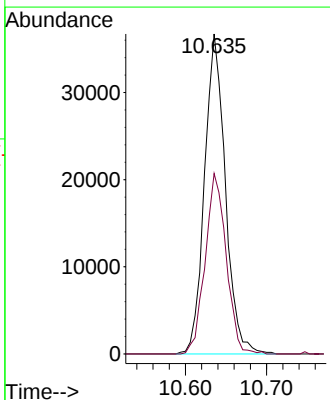
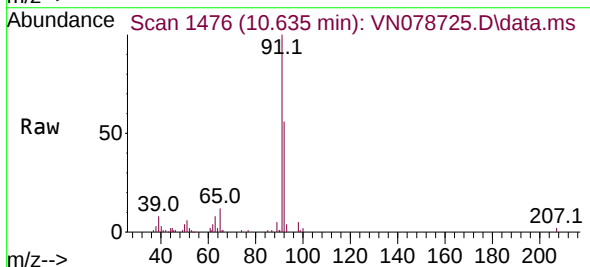
08/02/2023
Supervised By :Mahesh
Dadoda

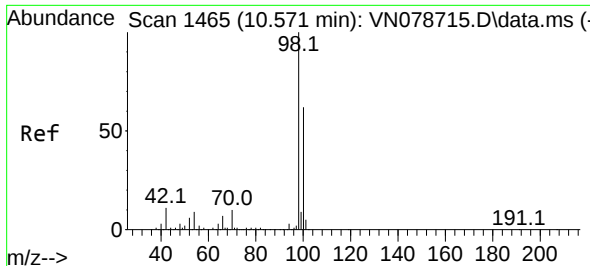
08/02/2023



#62
Toluene
Concen: 2.519 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

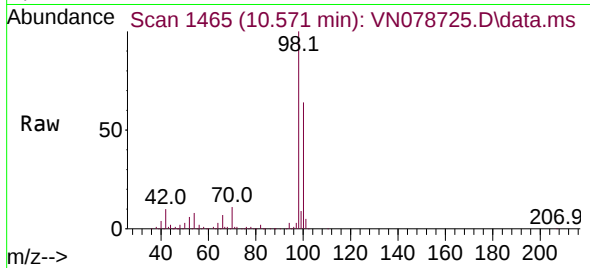
Tgt Ion: 91 Resp: 65436
Ion Ratio Lower Upper
91 100
92 56.6 45.2 67.8





#63
Toluene-d8
Concen: 29.900 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2023



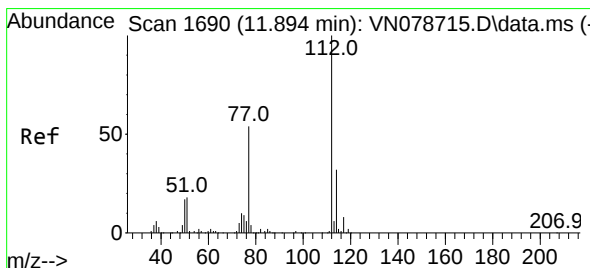
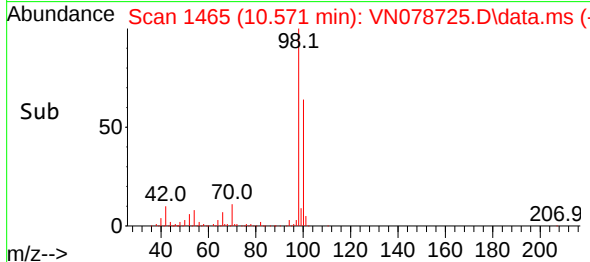
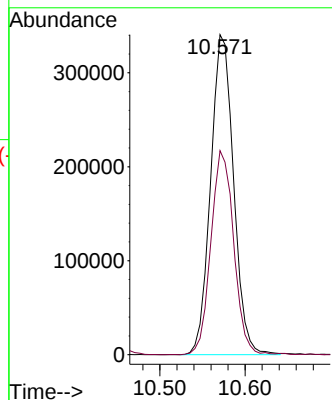
Tgt Ion: 98 Resp: 637854
Ion Ratio Lower Upper
98 100
100 63.2 49.7 74.5

Manual Integrations
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Reviewed By :John
Carlone

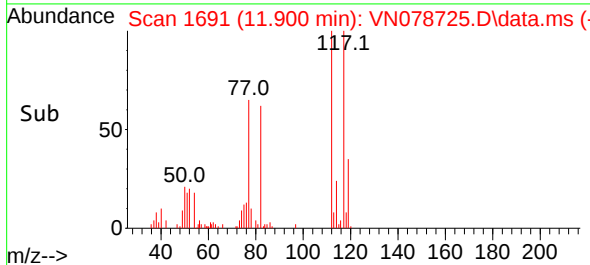
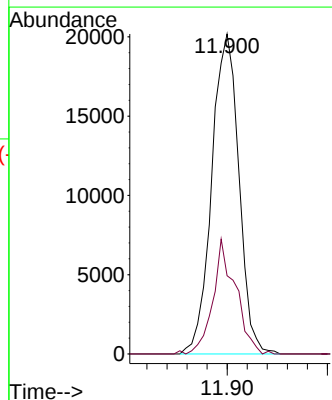
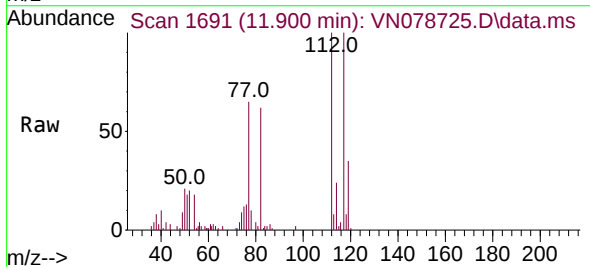
08/02/2023
Supervised By :Mahesh
Dadoda

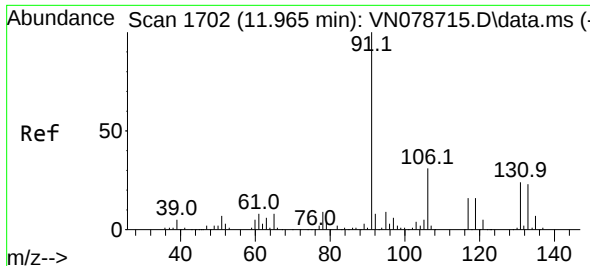
08/02/2023



#64
Chlorobenzene
Concen: 2.500 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. 0.006 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

Tgt Ion:112 Resp: 37916
Ion Ratio Lower Upper
112 100
114 24.4 25.9 38.9#





#65
1,1,1,2-Tetrachloroethane
Concen: 2.809 ug/l m
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

Instrument : MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

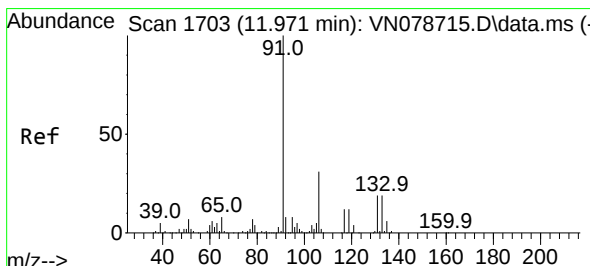
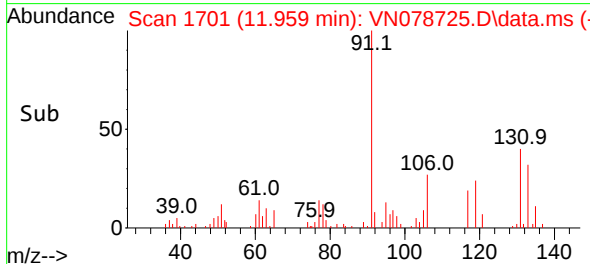
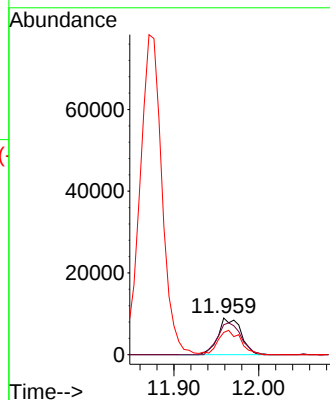
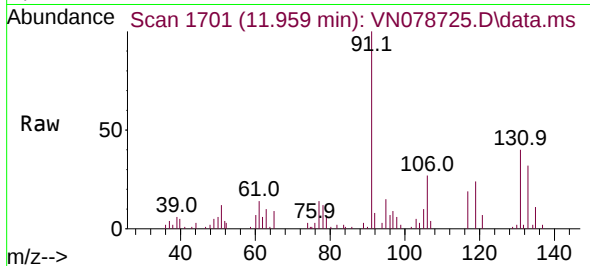
Tgt Ion:131 Resp: 1680
Ion Ratio Lower Upper
131 100
133 89.5 0.0 191.8
119 63.9 0.0 132.0

Manual Integrations
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Reviewed By :John
Carlone

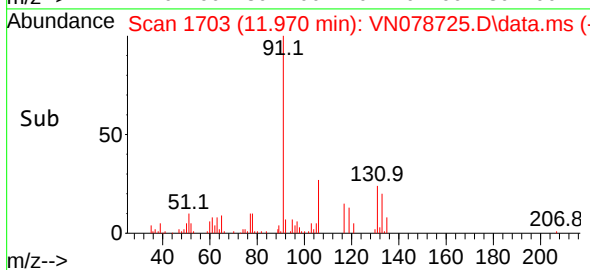
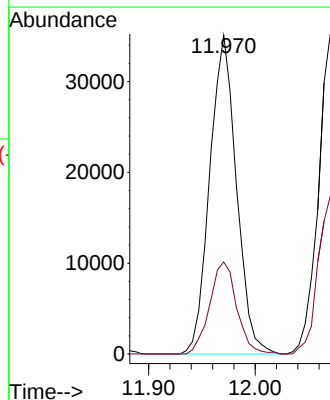
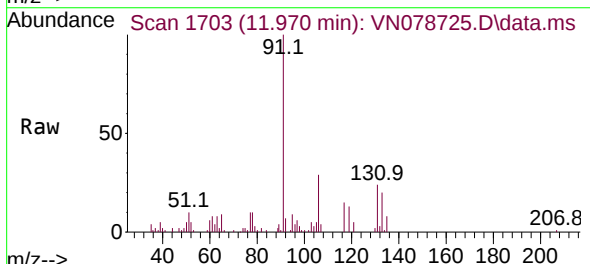
08/02/2023
Supervised By :Mahesh
Dadoda

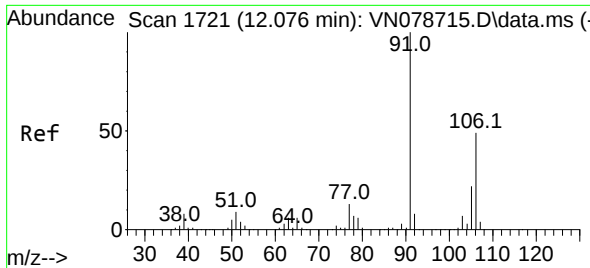
08/02/2023



#66
Ethyl Benzene
Concen: 2.333 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

Tgt Ion: 91 Resp: 61071
Ion Ratio Lower Upper
91 100
106 28.9 25.6 38.4





#67
m/p-Xylenes
Concen: 4.306 ug/l
RT: 12.082 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

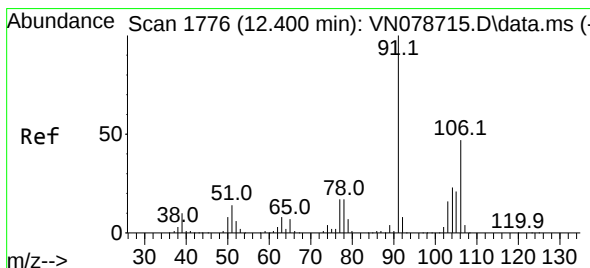
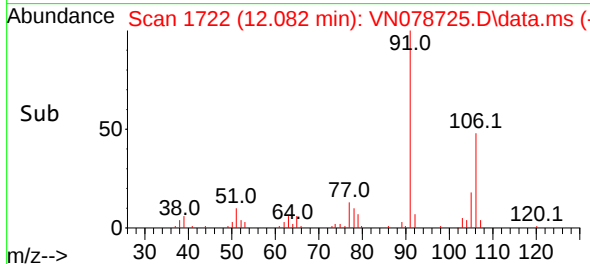
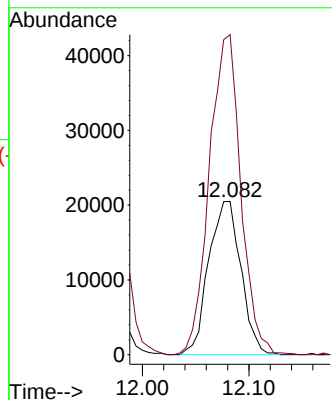
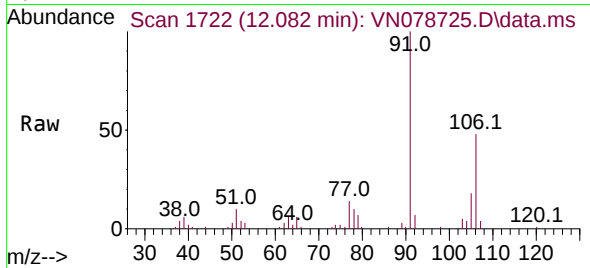
Tgt Ion:106 Resp: 43064
Ion Ratio Lower Upper
106 100
91 203.7 162.5 243.7

Manual Integrations
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Reviewed By :John
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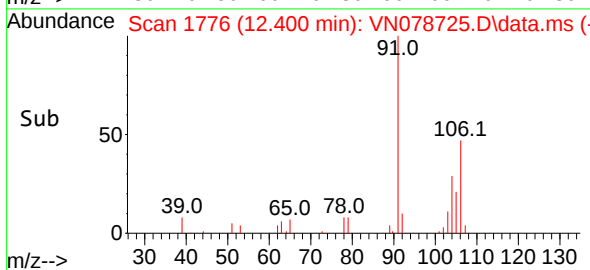
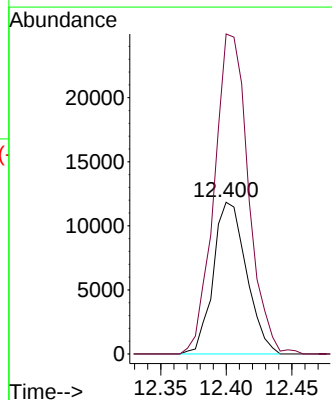
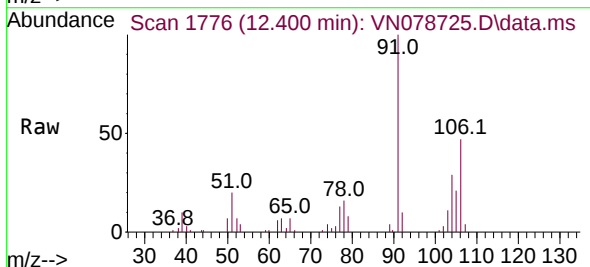
08/02/2023
Supervised By :Mahesh
Dadoda

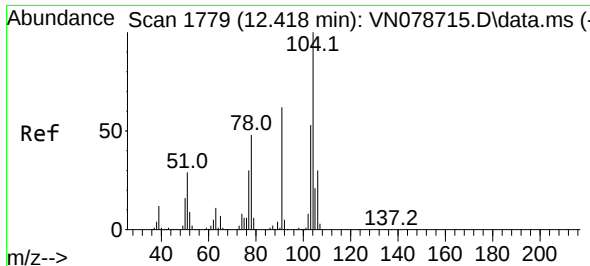
08/02/2023



#68
o-Xylene
Concen: 2.048 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

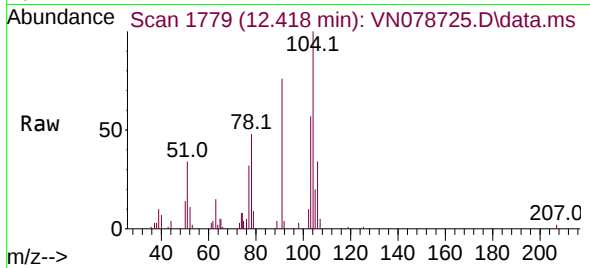
Tgt Ion:106 Resp: 20844
Ion Ratio Lower Upper
106 100
91 216.1 106.1 318.3





#69
Styrene
Concen: 1.791 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2023



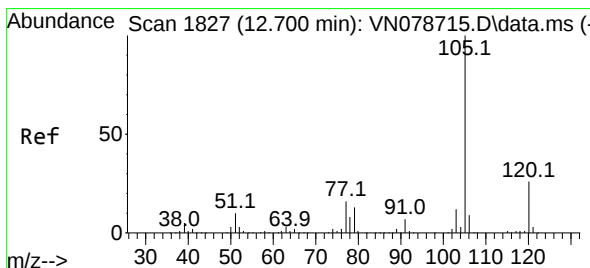
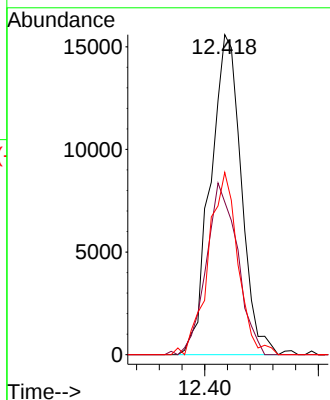
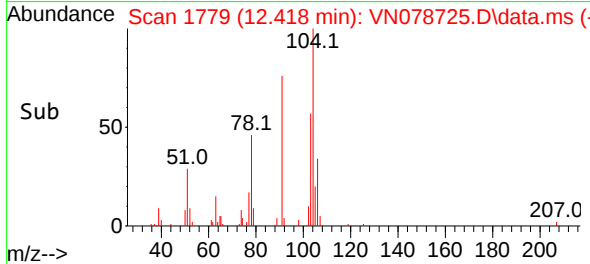
Tgt Ion:104 Resp: 2931
Ion Ratio Lower Upper
104 100
78 54.3 40.1 60.1
103 53.5 45.1 67.7

Manual Integrations
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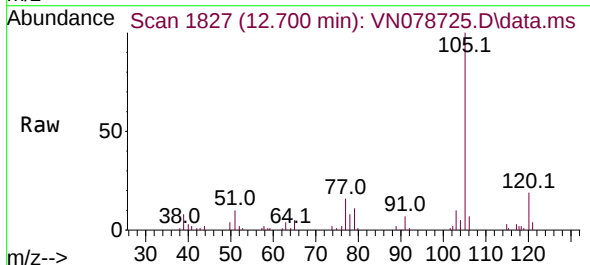
Reviewed By :John
Carlone

08/02/2023
Supervised By :Mahesh
Dadoda

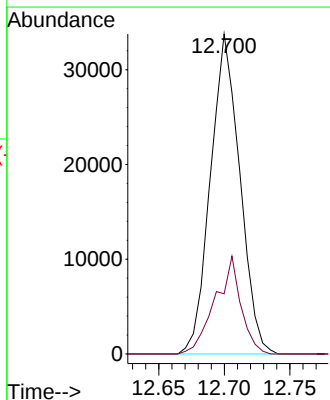
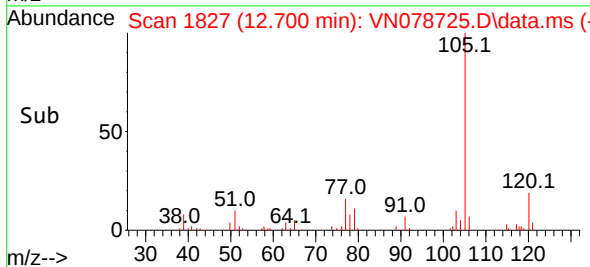
08/02/2023

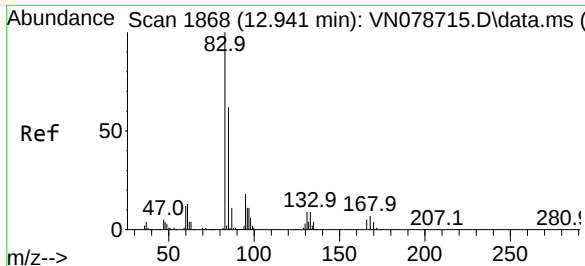


#70
Isopropylbenzene
Concen: 2.093 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25



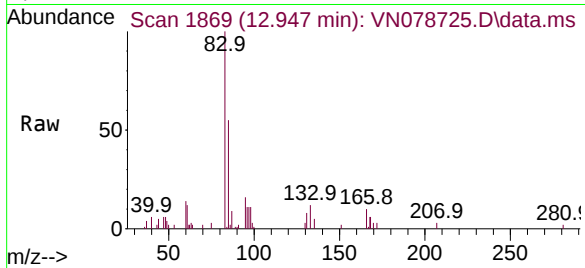
Tgt Ion:105 Resp: 52690
Ion Ratio Lower Upper
105 100
120 26.8 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 2.602 ug/l
RT: 12.947 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2023



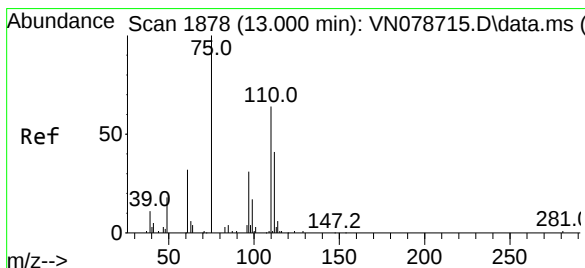
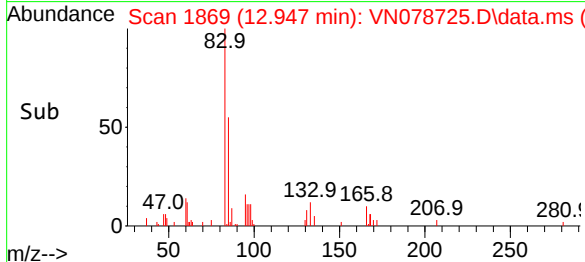
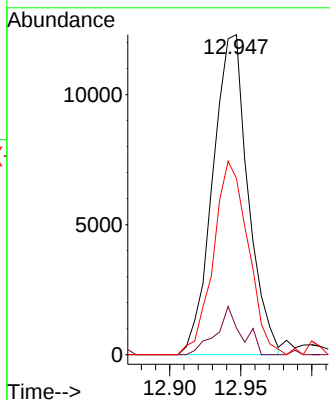
Tgt Ion: 83 Resp: 21275
Ion Ratio Lower Upper
83 100
131 9.2 4.8 14.4
85 59.6 32.6 98.0

Manual Integrations
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Reviewed By :John
Carlone

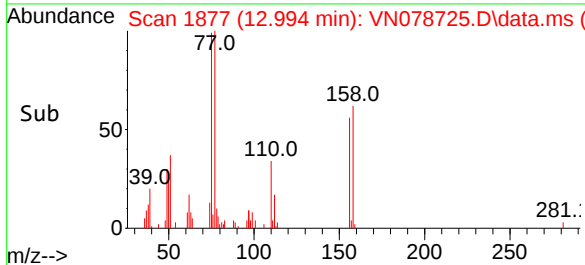
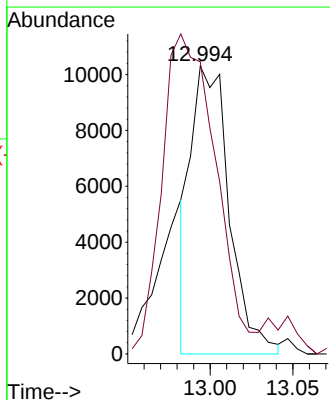
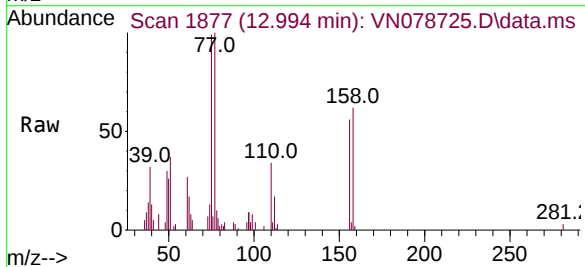
08/02/2023
Supervised By :Mahesh
Dadoda

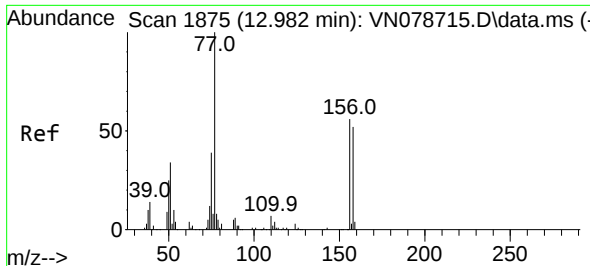
08/02/2023



#72
1,2,3-Trichloropropane
Concen: 2.420 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

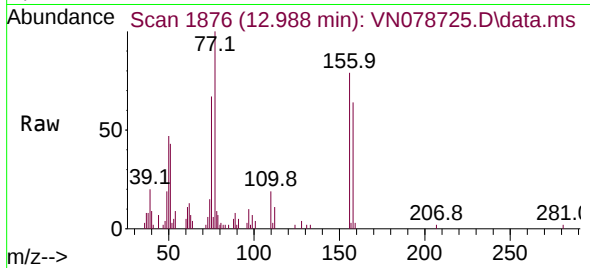
Tgt Ion: 75 Resp: 16600
Ion Ratio Lower Upper
75 100
77 155.9 0.0 387.4





#73
Bromobenzene
Concen: 2.268 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.006 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023



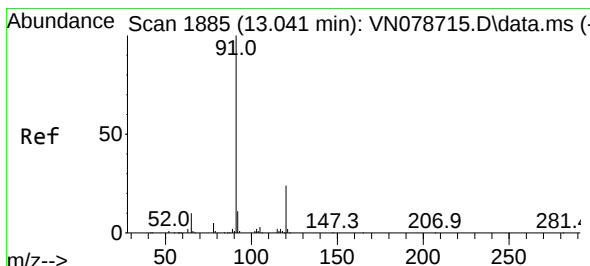
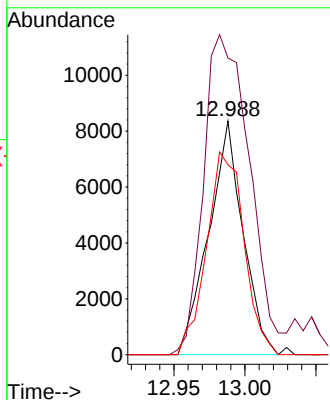
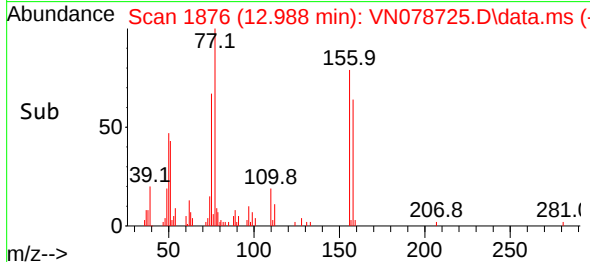
Tgt Ion: 156 Resp: 13992
Ion Ratio Lower Upper
156 100
77 185.0 0.0 420.8
158 94.9 0.0 193.2

Manual Integrations
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Reviewed By :John
Carlone

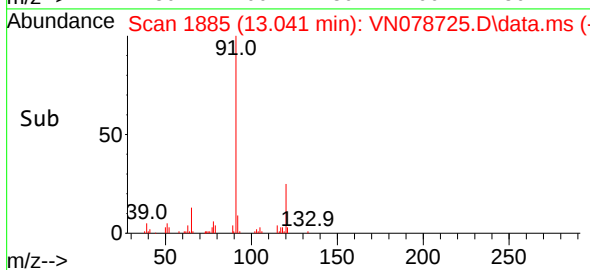
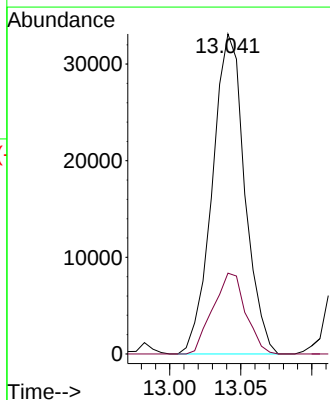
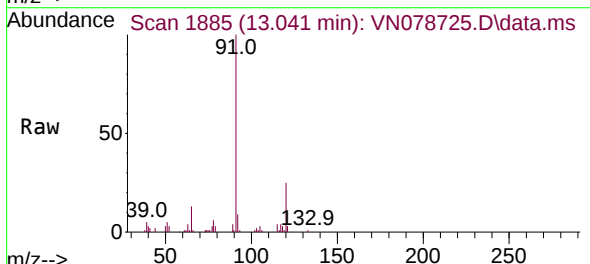
08/02/2023
Supervised By :Mahesh
Dadoda

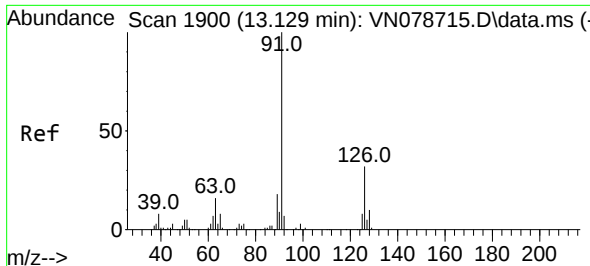
08/02/2023



#74
n-propylbenzene
Concen: 1.888 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

Tgt Ion: 91 Resp: 52684
Ion Ratio Lower Upper
91 100
120 25.4 0.0 44.6





#75
2-Chlorotoluene
Concen: 1.832 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2023

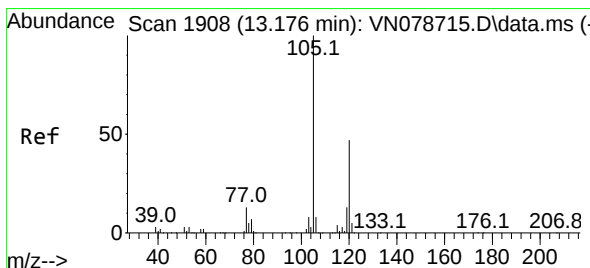
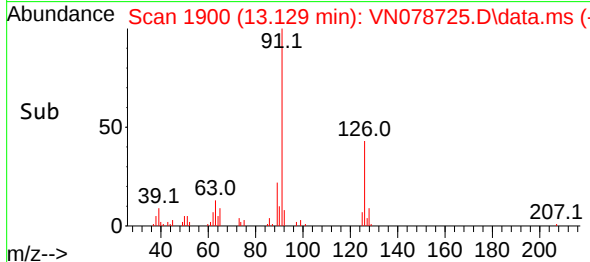
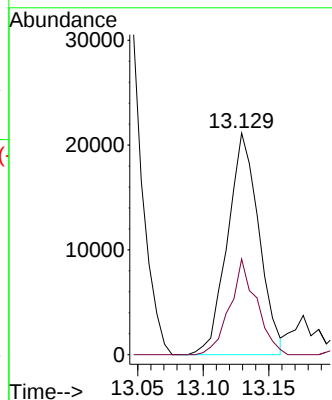
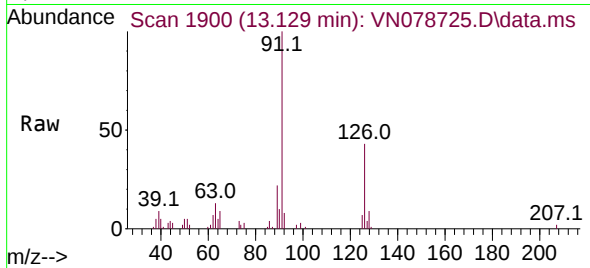
Tgt Ion: 91 Resp: 35292
Ion Ratio Lower Upper
91 100
126 36.7 0.0 67.2

Manual Integrations
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Reviewed By :John
Carlone

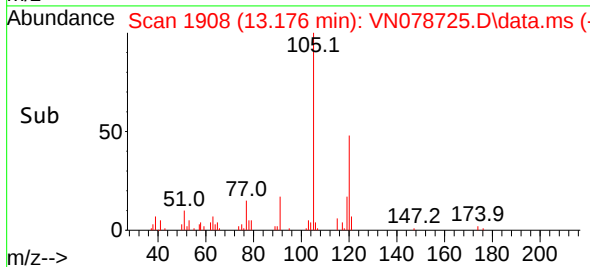
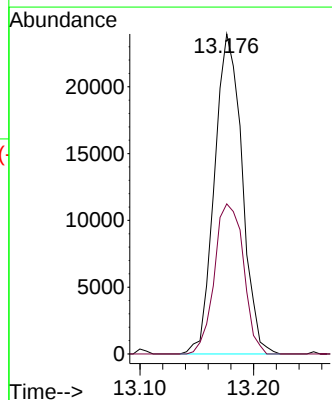
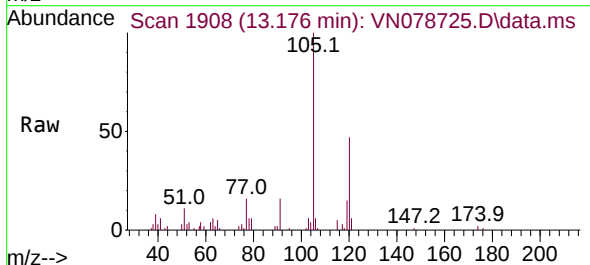
08/02/2023
Supervised By :Mahesh
Dadoda

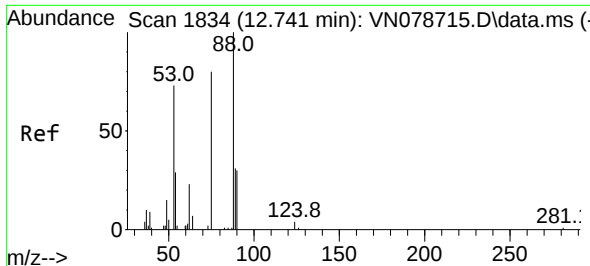
08/02/2023



#76
1,3,5-Trimethylbenzene
Concen: 1.797 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

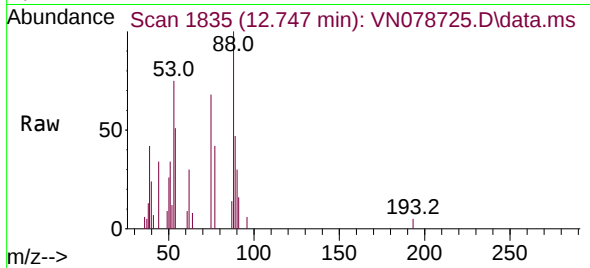
Tgt Ion:105 Resp: 40375
Ion Ratio Lower Upper
105 100
120 49.3 0.0 97.2





#77
t-1,4-Dichloro-2-butene
Concen: 1.579 ug/l
RT: 12.747 min Scan# 1835
Delta R.T. 0.006 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2023



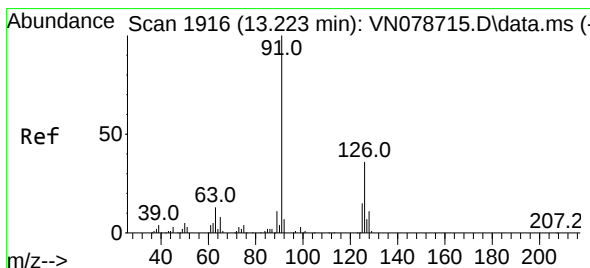
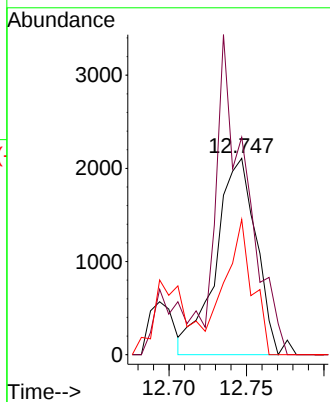
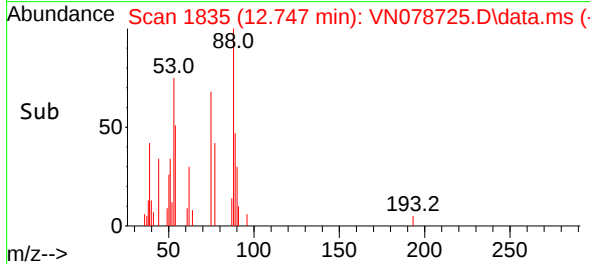
Tgt Ion: 75 Resp: 3789
Ion Ratio Lower Upper
75 100
53 94.9 41.6 124.9
89 68.8 25.1 75.4

Manual Integrations
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Reviewed By :John
Carlone

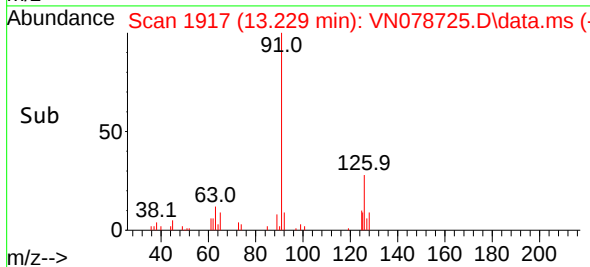
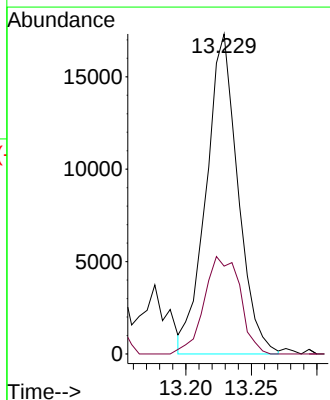
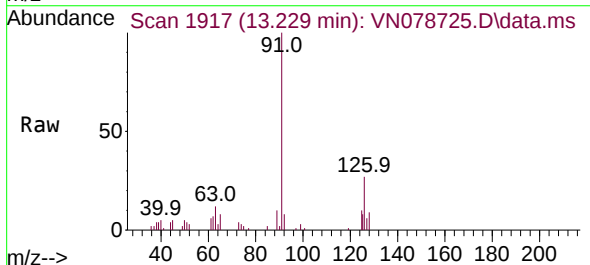
08/02/2023
Supervised By :Mahesh
Dadoda

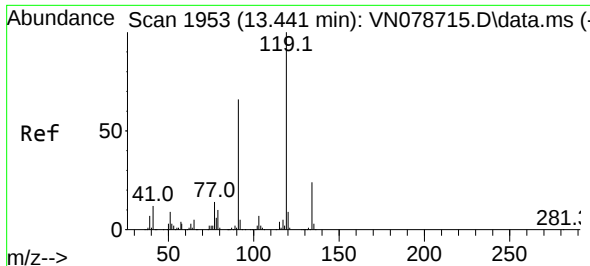
08/02/2023



#78
4-Chlorotoluene
Concen: 1.567 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.006 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

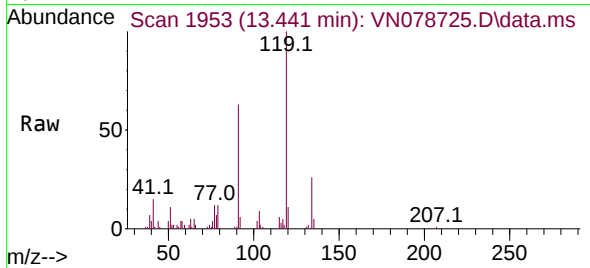
Tgt Ion: 91 Resp: 29156
Ion Ratio Lower Upper
91 100
126 34.4 0.0 68.8





#79
tert-butylbenzene
Concen: 1.815 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2023



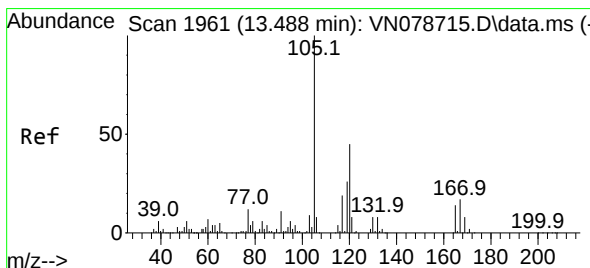
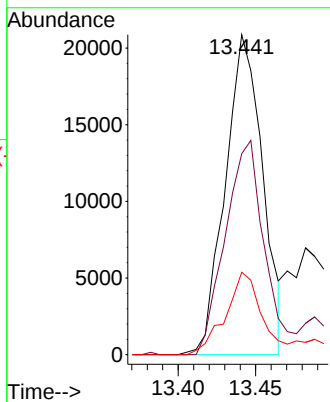
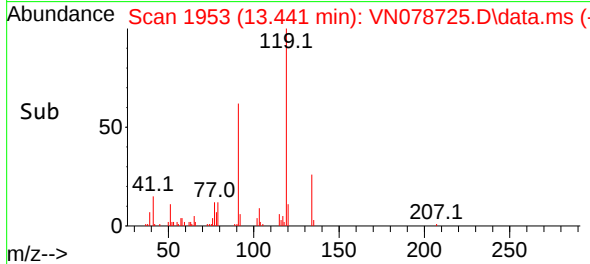
Tgt Ion:119 Resp: 35108
Ion Ratio Lower Upper
119 100
91 70.1 0.0 126.6
134 24.8 0.0 44.0

Manual Integrations
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Reviewed By :John
Carlone

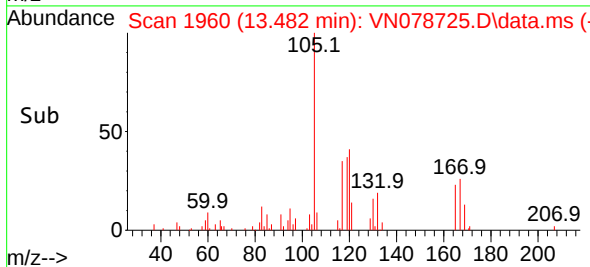
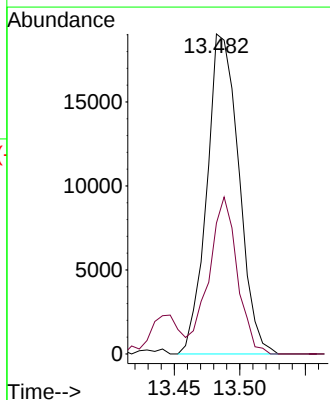
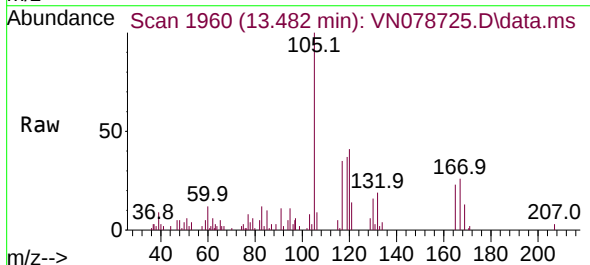
08/02/2023
Supervised By :Mahesh
Dadoda

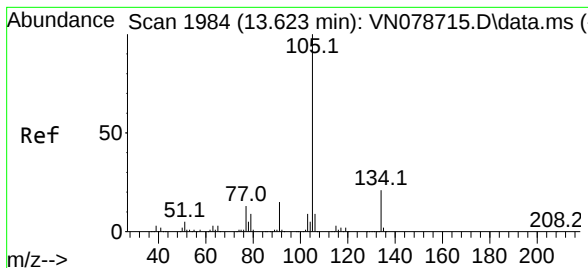
08/02/2023



#80
1,2,4-Trimethylbenzene
Concen: 1.505 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.006 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

Tgt Ion:105 Resp: 32302
Ion Ratio Lower Upper
105 100
120 43.6 0.0 88.2





#81
 sec-Butylbenzene
 Concen: 1.668 ug/l
 RT: 13.617 min Scan# 1984
 Delta R.T. -0.006 min
 Lab File: VN078725.D
 Acq: 01 Aug 2023 19:25

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2023

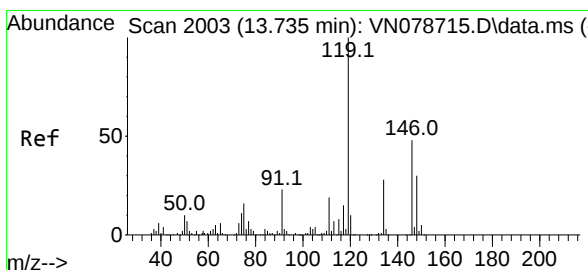
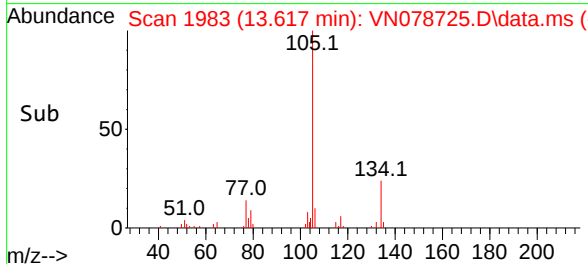
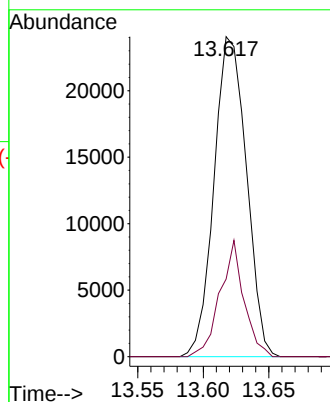
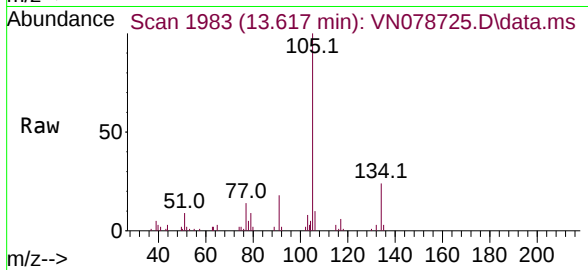
Tgt Ion:105 Resp: 41340
 Ion Ratio Lower Upper
 105 100
 134 26.8 0.0 38.6

Manual Integrations
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Reviewed By :John
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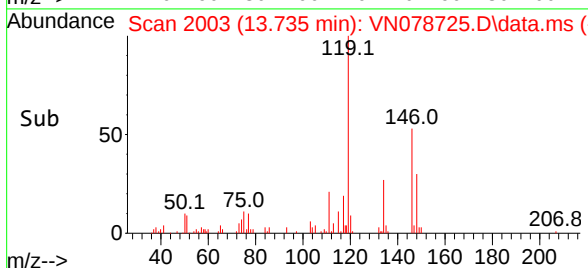
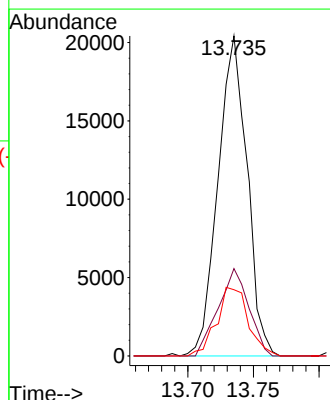
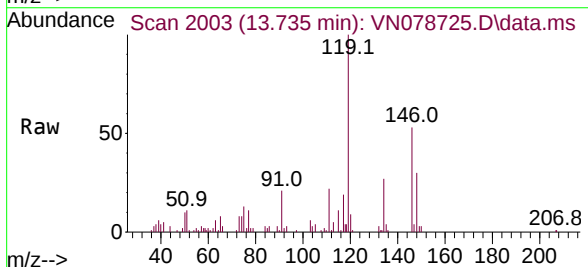
08/02/2023
 Supervised By :Mahesh
 Dadoda

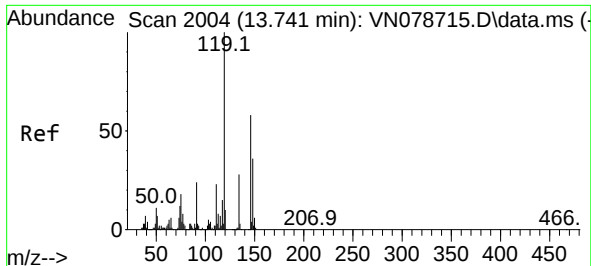
08/02/2023



#82
 p-Isopropyltoluene
 Concen: 1.545 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078725.D
 Acq: 01 Aug 2023 19:25

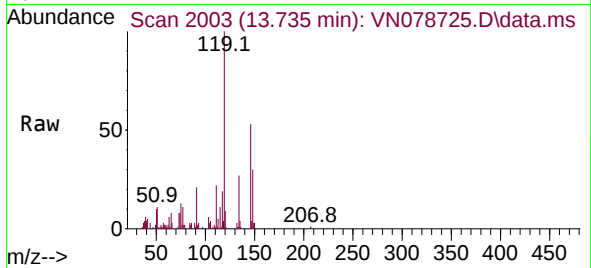
Tgt Ion:119 Resp: 31442
 Ion Ratio Lower Upper
 119 100
 134 28.8 0.0 52.4
 91 23.3 0.0 48.2





#83
1,3-Dichlorobenzene
Concen: 1.607 ug/l
RT: 13.735 min Scan# 2004
Delta R.T. -0.006 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2023



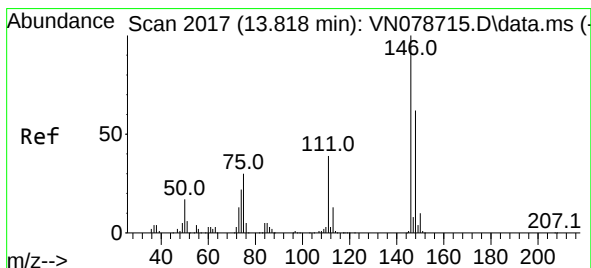
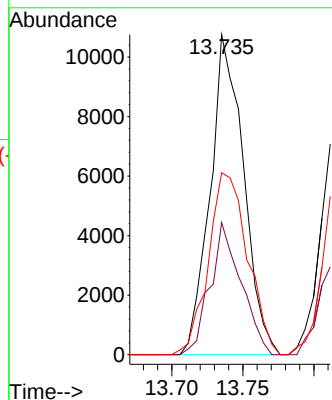
Tgt Ion:146 Resp: 1758
Ion Ratio Lower Upper
146 100
111 38.4 21.6 64.6
148 66.6 31.9 95.5

Manual Integrations
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Reviewed By :John
Carlone

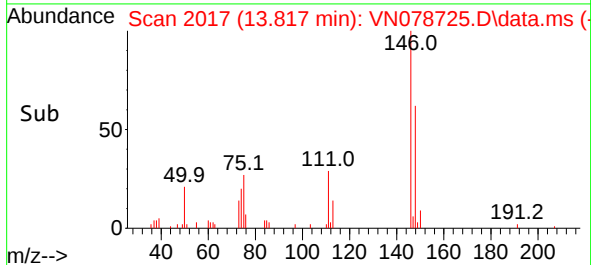
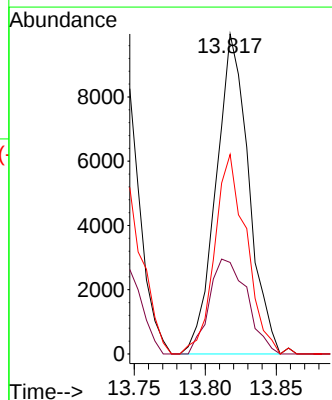
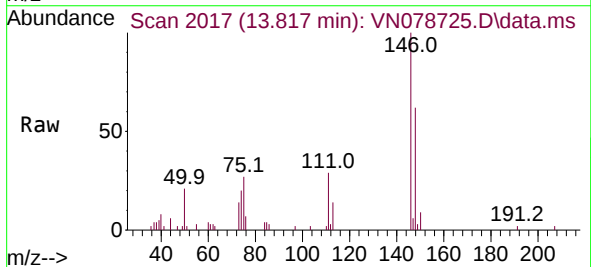
08/02/2023
Supervised By :Mahesh
Dadoda

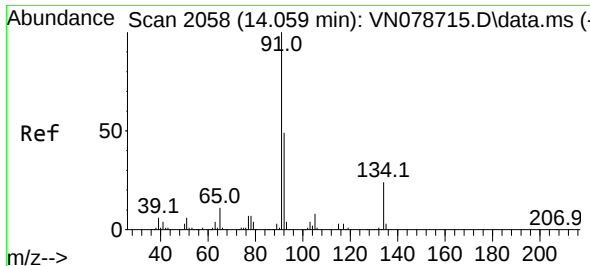
08/02/2023



#84
1,4-Dichlorobenzene
Concen: 1.556 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. -0.001 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

Tgt Ion:146 Resp: 15943
Ion Ratio Lower Upper
146 100
111 34.2 19.4 58.2
148 60.6 31.4 94.3





#85
n-Butylbenzene
Concen: 1.218 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2023

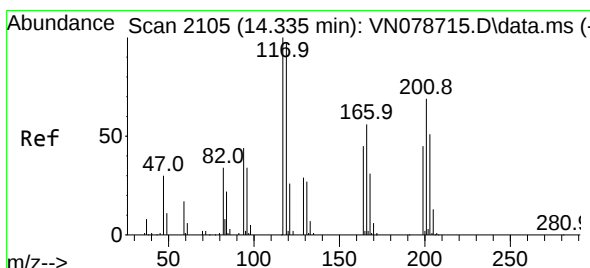
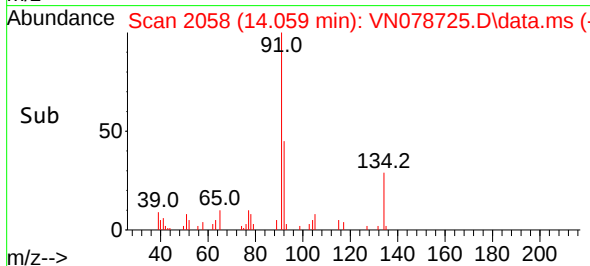
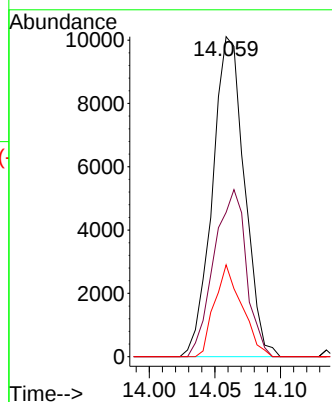
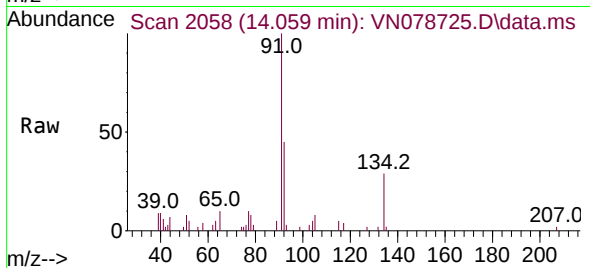
Tgt Ion: 91 Resp: 1718
Ion Ratio Lower Upper
91 100
92 52.7 0.0 99.6
134 24.6 0.0 50.0

Manual Integrations
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Reviewed By :John
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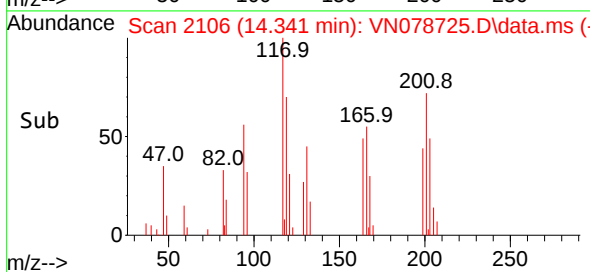
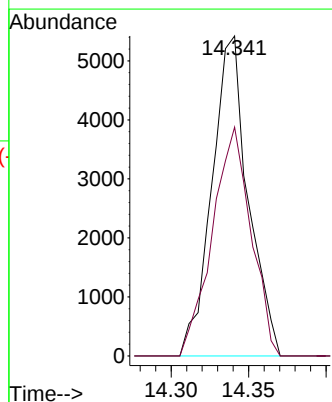
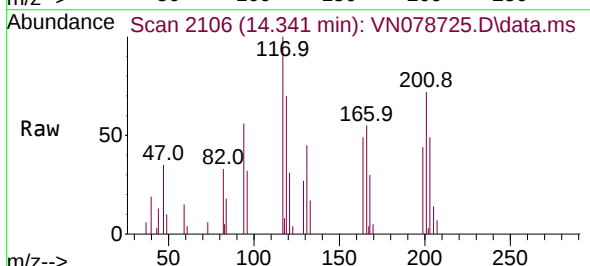
08/02/2023
Supervised By :Mahesh
Dadoda

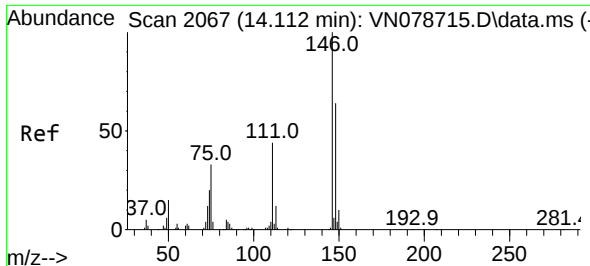
08/02/2023



#86
Hexachloroethane
Concen: 2.376 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.006 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

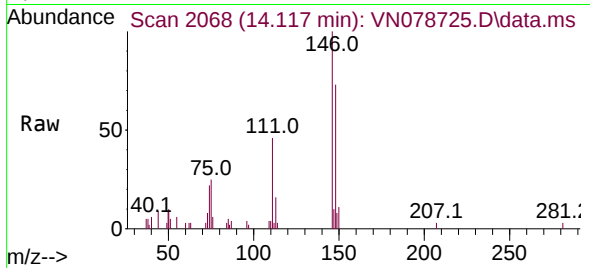
Tgt Ion:117 Resp: 8813
Ion Ratio Lower Upper
117 100
201 76.3 34.2 102.6





#87
1,2-Dichlorobenzene
Concen: 1.585 ug/l
RT: 14.117 min Scan# 2067
Delta R.T. 0.005 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023



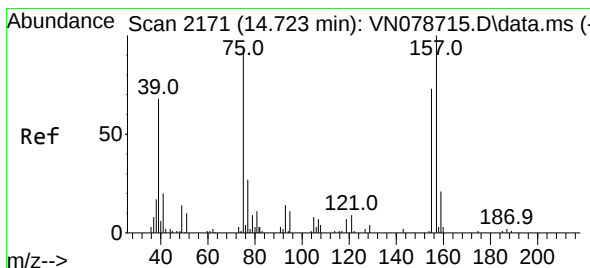
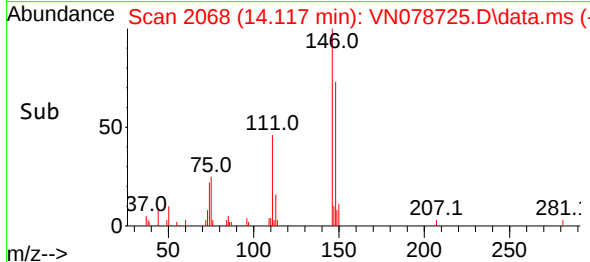
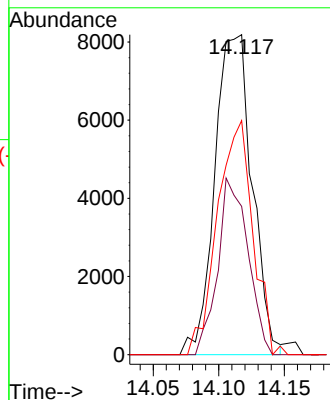
Tgt Ion:146 Resp: 16220
Ion Ratio Lower Upper
146 100
111 44.5 22.4 67.3
148 69.1 33.4 100.1

Manual Integrations
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Reviewed By :John
Carlone

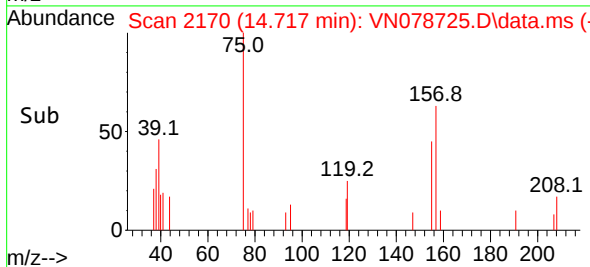
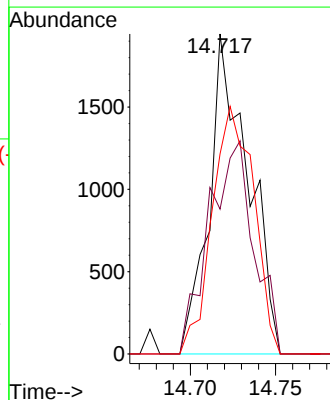
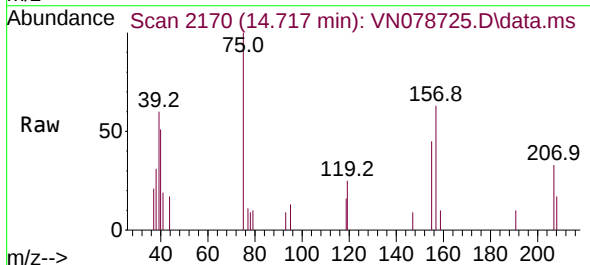
08/02/2023
Supervised By :Mahesh
Dadoda

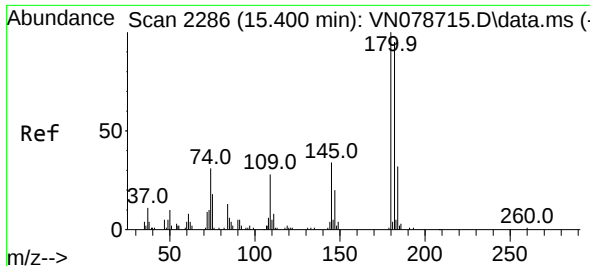
08/02/2023



#88
1,2-Dibromo-3-Chloropropane
Concen: 2.226 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

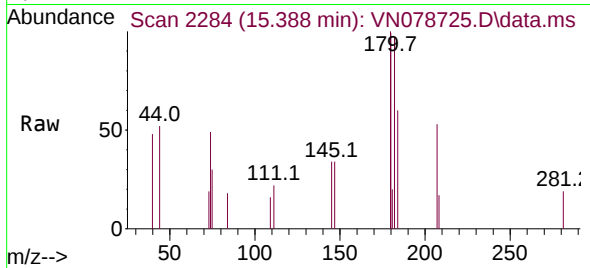
Tgt Ion: 75 Resp: 3091
Ion Ratio Lower Upper
75 100
155 76.7 68.2 102.2
157 82.4 84.7 127.1#





#89
1,2,4-Trichlorobenzene
Concen: 1.227 ug/l
RT: 15.388 min Scan# 21
Delta R.T. -0.012 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023



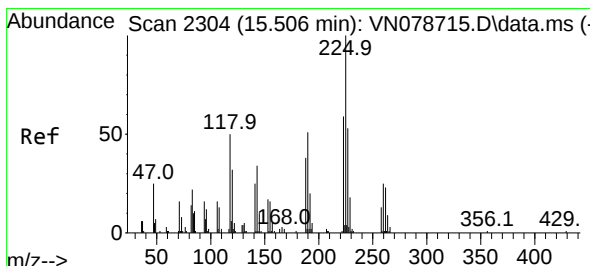
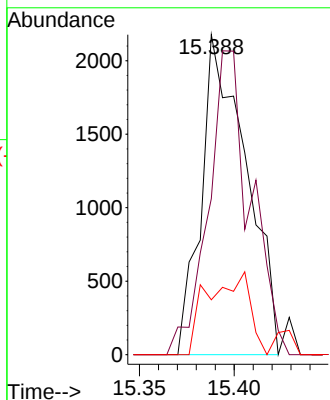
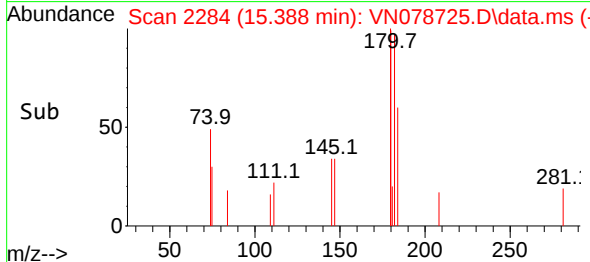
Tgt Ion:180 Resp: 358
Ion Ratio Lower Upper
180 100
182 89.3 73.7 110.5
145 8.4 25.0 37.6

Manual Integrations
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Reviewed By :John
Carlone

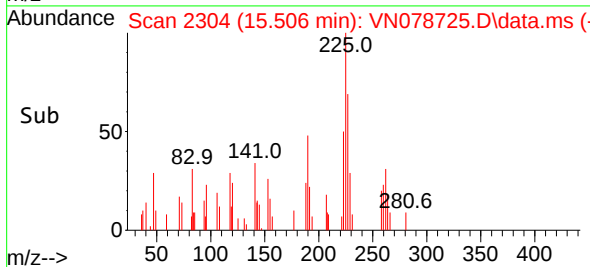
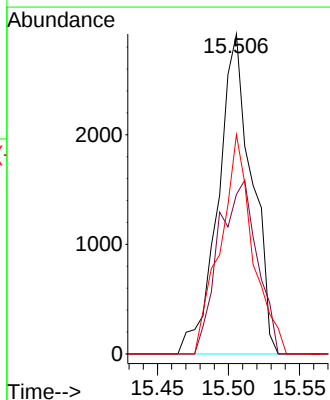
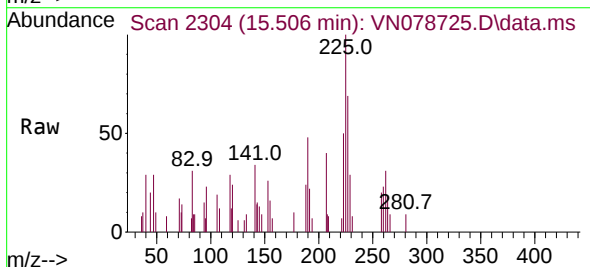
08/02/2023
Supervised By :Mahesh
Dadoda

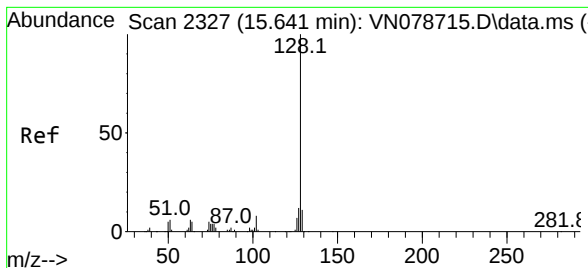
08/02/2023



#90
Hexachlorobutadiene
Concen: 2.159 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

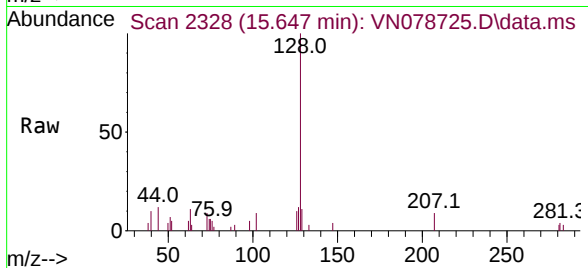
Tgt Ion:225 Resp: 4806
Ion Ratio Lower Upper
225 100
223 62.6 0.0 130.0
227 66.3 0.0 124.0





#91
Naphthalene
Concen: 1.456 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023



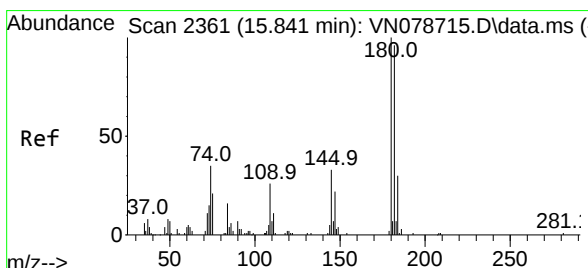
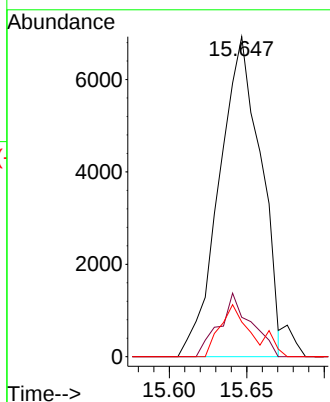
Tgt Ion:128 Resp: 12880
Ion Ratio Lower Upper
128 100
127 15.2 10.2 15.2
129 10.7 9.0 13.4

Manual Integrations
APPROVED

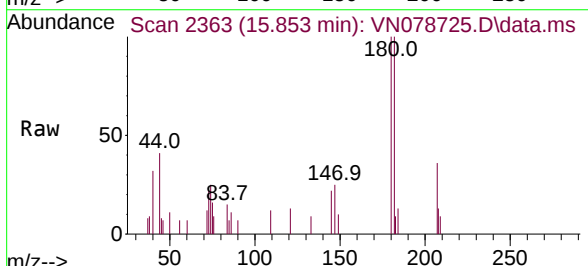
Reviewed By :John
Carlone

08/02/2023
Supervised By :Mahesh
Dadoda

08/02/2023



#92
1,2,3-Trichlorobenzene
Concen: 1.488 ug/l
RT: 15.853 min Scan# 2363
Delta R.T. 0.012 min
Lab File: VN078725.D
Acq: 01 Aug 2023 19:25



Tgt Ion:180 Resp: 4947
Ion Ratio Lower Upper
180 100
182 74.9 0.0 196.4
145 10.4 0.0 71.0

