

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111022\
 Data File : VX032754.D
 Acq On : 11 Nov 2022 04:27
 Operator : JC/MD
 Sample : N4955-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 44 Sample Multiplier: 1

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

Quant Time: Nov 11 05:34:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X111022W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 11 05:24:06 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/11/2022
 Supervised By : Mahesh Dadoda 11/11/2022

Supervised By : Mahesh
 Dadoda
 11/11/2022

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

Internal Standards						
1) Bromochloromethane	4.903	128	11399	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	77479	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	83175	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	32387	29.451	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	98.167%	
60) 4-Bromofluorobenzene	11.079	95	44221	27.794	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	92.633%	
63) Toluene-d8	8.646	98	84769	30.199	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	100.667%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	2330	2.310	ug/l	95
3) Chloromethane	1.294	50	2420	2.417	ug/l	92
4) Vinyl Chloride	1.373	62	2910	2.571	ug/l	97
5) Bromomethane	1.611	94	2992	2.977	ug/l	82
6) Chloroethane	1.684	64	2534	2.834	ug/l	89
7) Trichlorofluoromethane	1.885	101	5638	2.584	ug/l	90
8) Diethyl Ether	2.129	74	1891	2.680	ug/l	75
9) 1,1,2-Trichlorotrifluo...	2.324	101	2857	2.461	ug/l	98
10) 1,1-Dichloroethene	2.318	96	2721	2.454	ug/l	87
11) Methyl Iodide	2.458	142	2057	1.725	ug/l	85
12) Methyl Acetate	2.708	43	4177	2.543	ug/l	92
13) Acrolein	2.239	56	2815	12.851	ug/l	99
14) Acrylonitrile	3.074	53	7205	12.236	ug/l	99
15) Acetone	2.391	58	2053	13.407	ug/l	97
16) Carbon Disulfide	2.513	76	6692	2.424	ug/l	98
17) Allyl chloride	2.666	41	4104	2.329	ug/l	88
18) Methylene Chloride	2.794	84	3962	3.098	ug/l	87
19) trans-1,2-Dichloroethene	3.093	96	2943	2.409	ug/l	85
20) Diisopropyl ether	3.763	45	9313	2.357	ug/l #	94
21) 1,1-Dichloroethane	3.611	63	5449	2.457	ug/l	91
22) cis-1,2-Dichloroethene	4.489	96	3489	2.446	ug/l	85
23) tert-Butyl Alcohol	2.983	59	3227m	16.878	ug/l	
24) Methyl tert-Butyl Ether	3.117	73	9401	2.368	ug/l #	87
25) Chloroform	5.092	83	6166	2.493	ug/l	88
26) Cyclohexane	5.476	56	4719	2.436	ug/l #	77
29) 1,1-Dichloropropene	5.696	75	4147	2.413	ug/l	79
30) 2-Butanone	4.574	43	10391	12.969	ug/l	91
31) 2,2-Dichloropropane	4.476	77	3267	2.223	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	5199	2.405	ug/l	93
33) Carbon Tetrachloride	5.671	117	4326m	2.279	ug/l	
34) Benzene	6.037	78	11942	2.467	ug/l	98
35) Methacrylonitrile	4.928	41	2355m	2.595	ug/l	
36) 1,2-Dichloroethane	6.098	62	5004	2.511	ug/l #	79
37) Trichloroethene	7.128	130	3501	2.585	ug/l	83
38) Methylcyclohexane	7.384	83	4661	2.421	ug/l	88
39) 1,2-Dichloropropane	7.433	63	2982	2.433	ug/l #	80
40) Dibromomethane	7.586	93	2243	2.397	ug/l	95
41) Bromodichloromethane	7.823	83	4126	2.313	ug/l	90
42) Vinyl Acetate	3.720	43	34583	11.233	ug/l #	91

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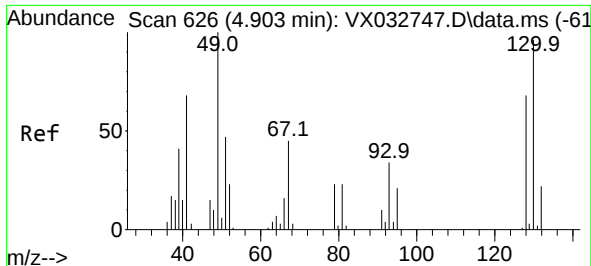
Manual Integrations APPROVED

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 Supervised By :Mahesh Dadoda 11/11/2022

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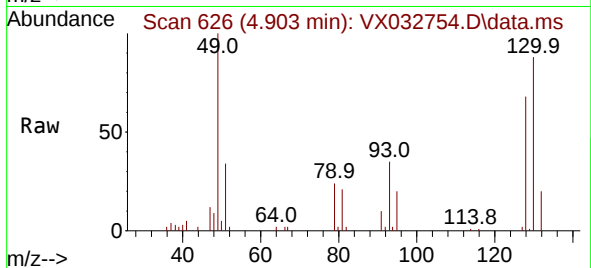
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.720	43	4301m	2.669	ug/l	
44) Isopropyl Acetate	6.348	43	6027	2.231	ug/l	95
45) 1,4-Dioxane	7.695	88	1242	47.872	ug/l #	83
46) Methyl methacrylate	7.695	41	3199	2.353	ug/l	76
47) n-amyl Acetate	10.841	43	4880	2.032	ug/l	100
48) t-1,3-Dichloropropene	8.982	75	3431	1.875	ug/l	95
49) cis-1,3-Dichloropropene	8.366	75	4171	2.159	ug/l #	84
50) 1,1,2-Trichloroethane	9.152	97	3068	2.385	ug/l	93
51) Ethyl methacrylate	9.122	69	3732	1.942	ug/l	73
52) 1,3-Dichloropropane	9.311	76	4975	2.365	ug/l	97
53) Dibromochloromethane	9.524	129	2972	2.124	ug/l	95
54) 1,2-Dibromoethane	9.616	107	3411	2.461	ug/l	99
55) 2-Chloroethyl vinyl ether	8.244	63	11118	11.974	ug/l #	92
56) Bromoform	10.798	173	1921	1.918	ug/l #	94
58) 4-Methyl-2-Pentanone	8.573	43	19960	12.259	ug/l #	90
59) 2-Hexanone	9.433	43	14434	12.040	ug/l	90
61) Tetrachloroethene	9.274	164	2909	2.503	ug/l	94
62) Toluene	8.720	91	13131	2.428	ug/l	99
64) Chlorobenzene	10.079	112	8415	2.516	ug/l #	86
65) 1,1,1,2-Tetrachloroethane	10.164	131	2900	2.276	ug/l	98
66) Ethyl Benzene	10.195	91	14103	2.324	ug/l	93
67) m/p-Xylenes	10.305	106	10753	4.554	ug/l	88
68) o-Xylene	10.646	106	5446	2.351	ug/l	92
69) Styrene	10.658	104	8345	2.167	ug/l	94
70) Isopropylbenzene	10.963	105	14006	2.264	ug/l	95
71) 1,1,2,2-Tetrachloroethane	11.213	83	4405	2.348	ug/l	97
72) 1,2,3-Trichloropropane	11.243	75	3899m	2.393	ug/l	
73) Bromobenzene	11.201	156	3903	2.597	ug/l	93
74) n-propylbenzene	11.304	91	15533	2.210	ug/l	94
75) 2-Chlorotoluene	11.365	91	10483	2.463	ug/l	89
76) 1,3,5-Trimethylbenzene	11.451	105	11896	2.275	ug/l	93
77) t-1,4-Dichloro-2-butene	11.024	75	817	1.643	ug/l	85
78) 4-Chlorotoluene	11.457	91	11100	2.264	ug/l	92
79) tert-butylbenzene	11.713	119	11553	2.273	ug/l	93
80) 1,2,4-Trimethylbenzene	11.749	105	11396	2.229	ug/l	96
81) sec-Butylbenzene	11.890	105	13618	2.226	ug/l	97
82) p-Isopropyltoluene	12.012	119	10780	2.090	ug/l	95
83) 1,3-Dichlorobenzene	11.969	146	6264	2.272	ug/l	97
84) 1,4-Dichlorobenzene	12.042	146	6839	2.470	ug/l	97
85) n-Butylbenzene	12.335	91	8885	2.033	ug/l	91
86) Hexachloroethane	12.542	117	1663	1.964	ug/l	98
87) 1,2-Dichlorobenzene	12.335	146	6281	2.291	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	12.944	75	902	2.266	ug/l #	76
89) 1,2,4-Trichlorobenzene	13.591	180	3793	2.253	ug/l	95
90) Hexachlorobutadiene	13.725	225	1506	2.223	ug/l	88
91) Naphthalene	13.774	128	12078	2.126	ug/l	96
92) 1,2,3-Trichlorobenzene	13.963	180	3753	2.217	ug/l	98

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.903 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX032754.D
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MSVOA_X
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LOD-MDL-WATER-01-QT4-2022

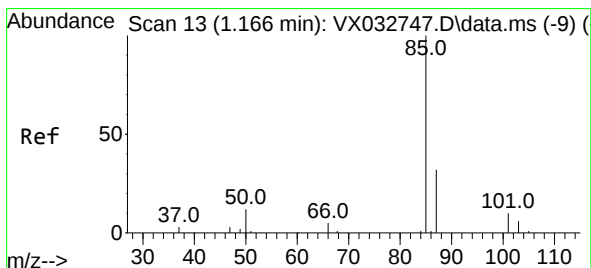
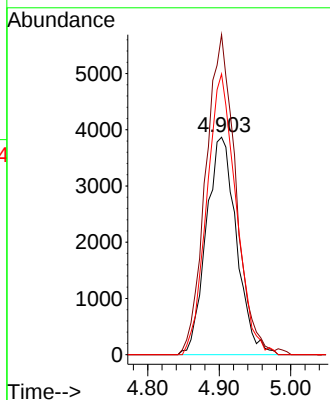
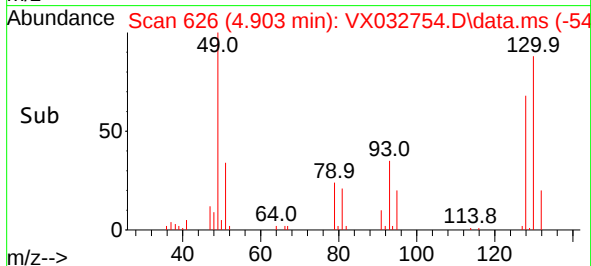


Tgt Ion:128 Resp: 1139
Ion Ratio Lower Upper
128 100
49 145.3 0.0 293.0
130 124.1 0.0 321.5

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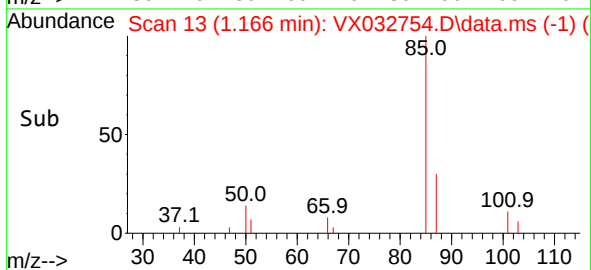
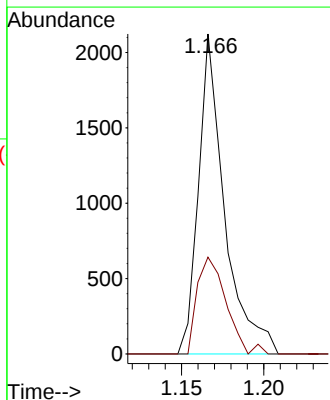
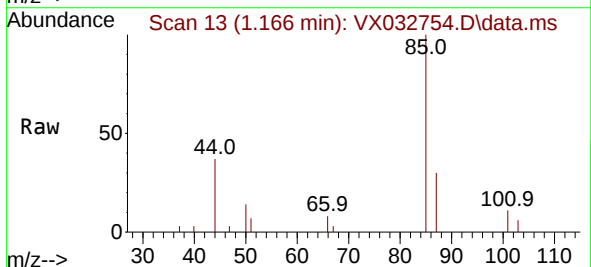
Reviewed By :John Carlone 11/11/2022
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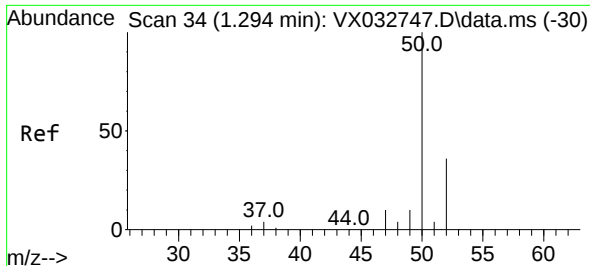
Supervised By :Mahesh
Dadoda
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#2
Dichlorodifluoromethane
Concen: 2.310 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX032754.D
Acq: 11 Nov 2022 04:27

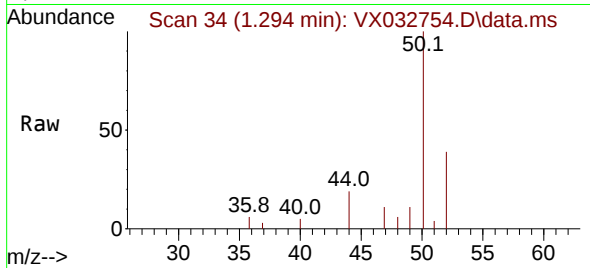
Tgt Ion: 85 Resp: 2330
Ion Ratio Lower Upper
85 100
87 30.2 16.5 49.5





#3
Chloromethane
Concen: 2.417 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX032754.D
Acq: 11 Nov 2022 04:27

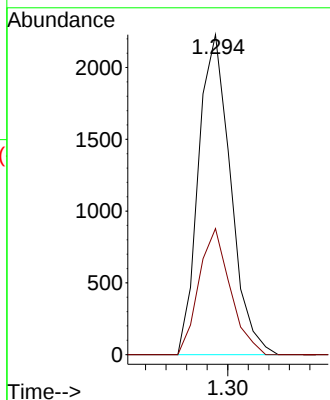
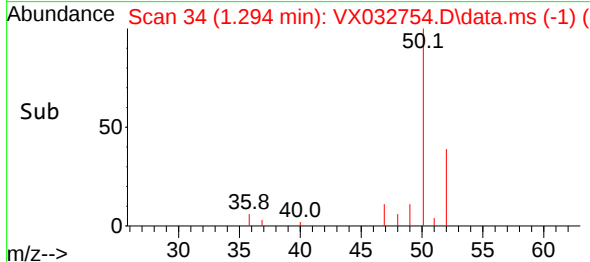
Instrument : MSVOA_X
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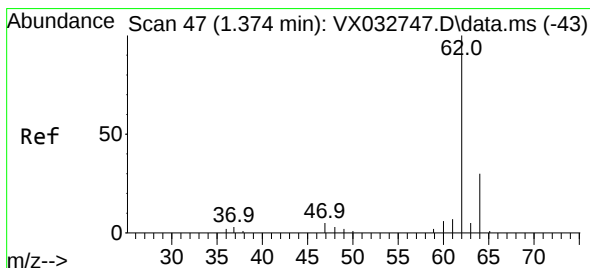
Tgt Ion: 50 Resp: 2420
Ion Ratio Lower Upper
50 100
52 39.4 27.6 41.4

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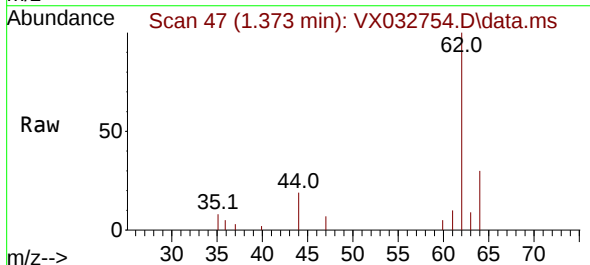
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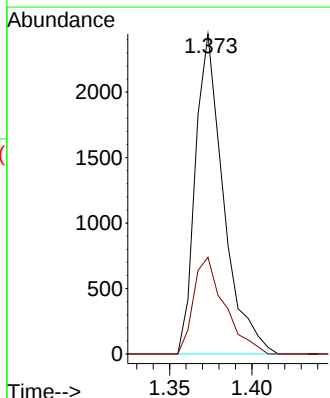
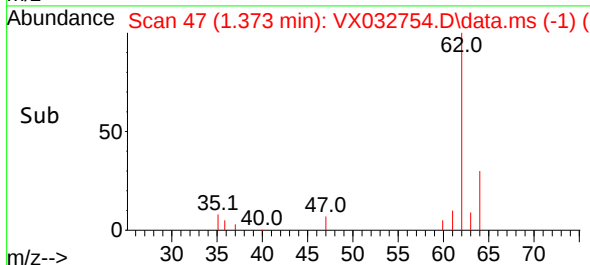
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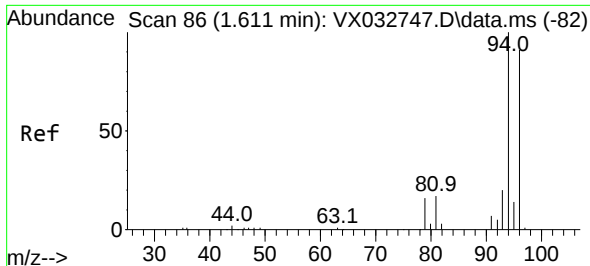


#4
Vinyl Chloride
Concen: 2.571 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX032754.D
Acq: 11 Nov 2022 04:27



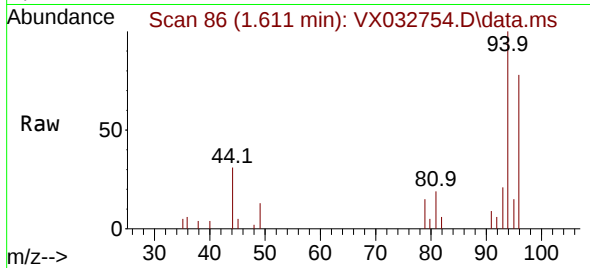
Tgt Ion: 62 Resp: 2910
Ion Ratio Lower Upper
62 100
64 30.3 25.7 38.5





#5
Bromomethane
Concen: 2.977 ug/l
RT: 1.611 min Scan# 80
Delta R.T. -0.000 min
Lab File: VX032754.D
Acq: 11 Nov 2022 04:27

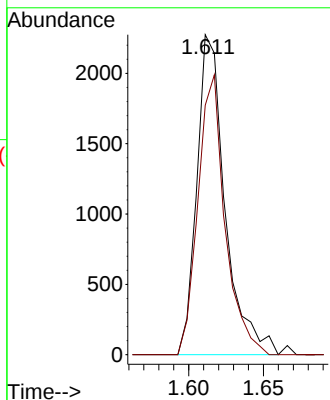
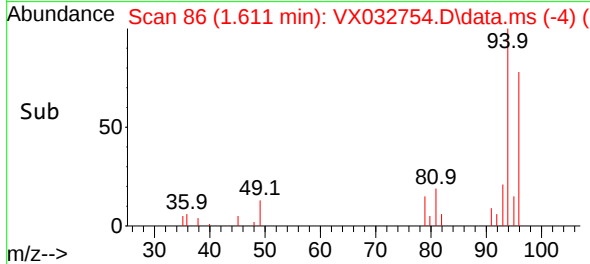
Instrument :
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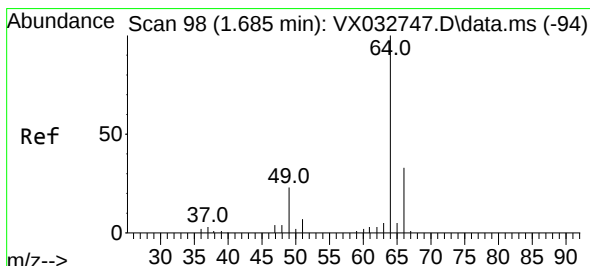
Tgt Ion: 94 Resp: 2992
Ion Ratio Lower Upper
94 100
96 77.9 76.8 115.2

Manual Integrations
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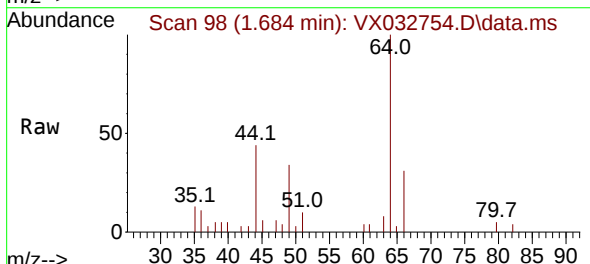
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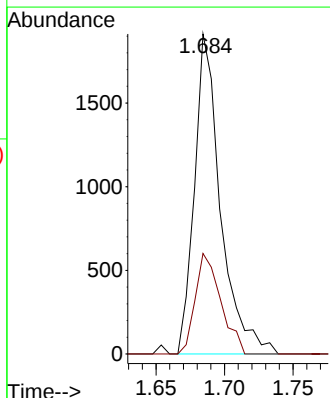
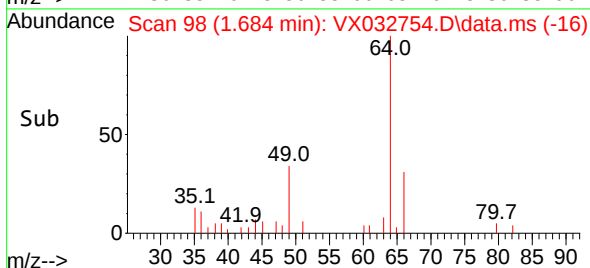
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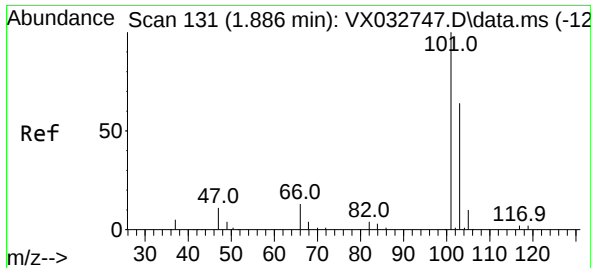


#6
Chloroethane
Concen: 2.834 ug/l
RT: 1.684 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX032754.D
Acq: 11 Nov 2022 04:27



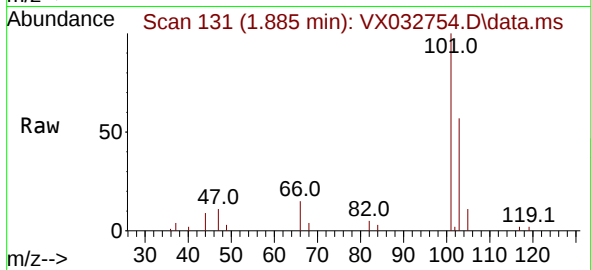
Tgt Ion: 64 Resp: 2534
Ion Ratio Lower Upper
64 100
66 31.4 30.6 46.0





#7
Trichlorofluoromethane
Concen: 2.584 ug/l
RT: 1.885 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032754.D
Acq: 11 Nov 2022 04:27

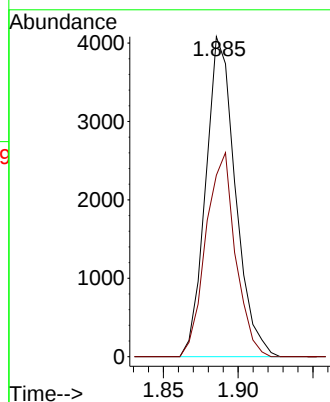
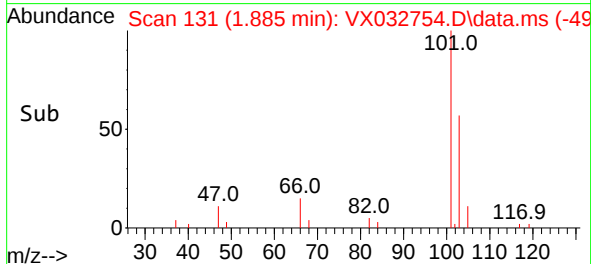
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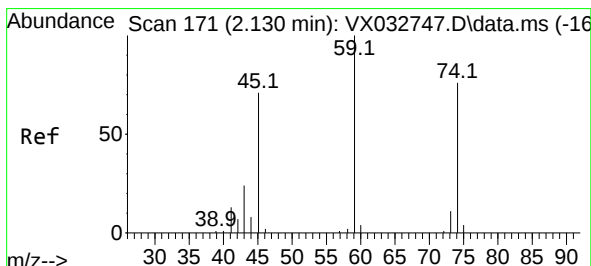
Tgt Ion:101 Resp: 5638
Ion Ratio Lower Upper
101 100
103 56.7 51.7 77.5

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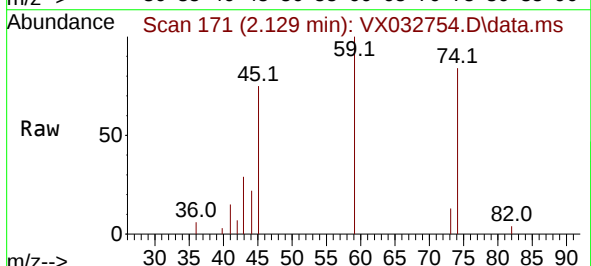
Reviewed By :John Carlone 11/11/2022
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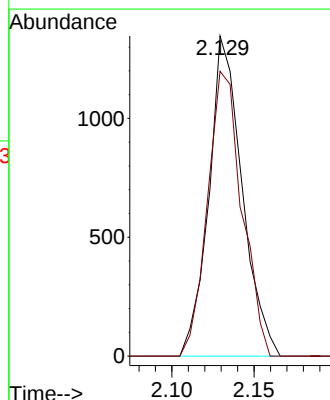
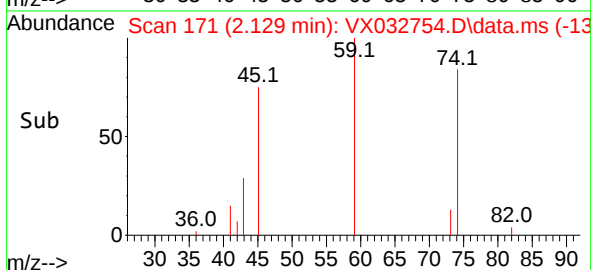
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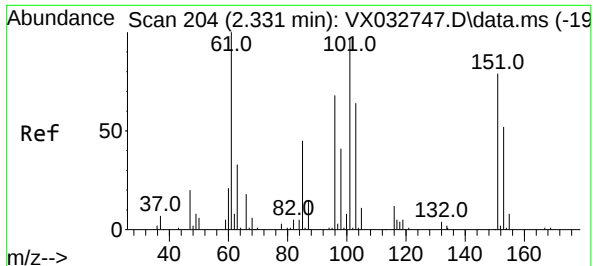


#8
Diethyl Ether
Concen: 2.680 ug/l
RT: 2.129 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX032754.D
Acq: 11 Nov 2022 04:27



Tgt Ion: 74 Resp: 1891
Ion Ratio Lower Upper
74 100
45 91.9 14.2 127.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.461 ug/l
RT: 2.324 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX032754.D
Acq: 11 Nov 2022 04:27

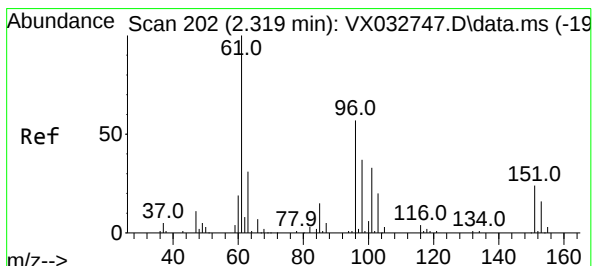
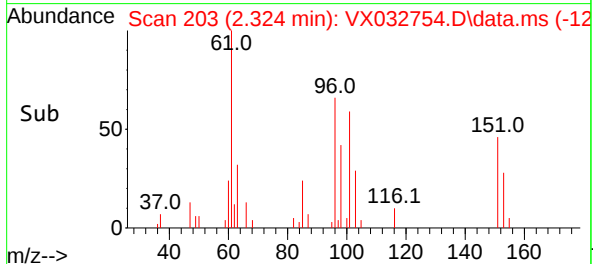
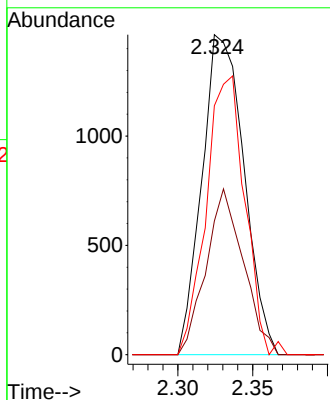
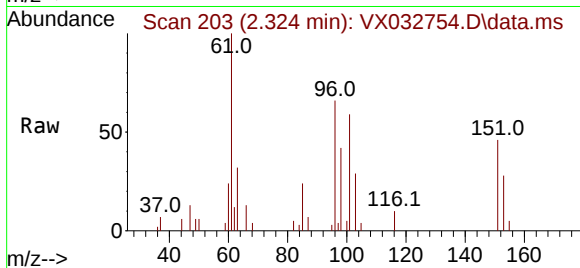
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MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

Tgt Ion:101 Resp: 285
Ion Ratio Lower Upper
101 100
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151 79.4 0.0 156.6

Manual Integrations
APPROVED

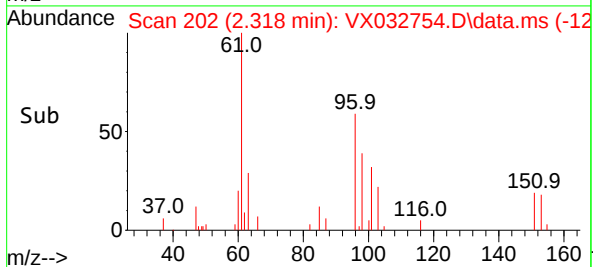
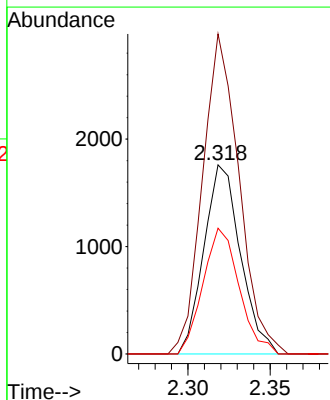
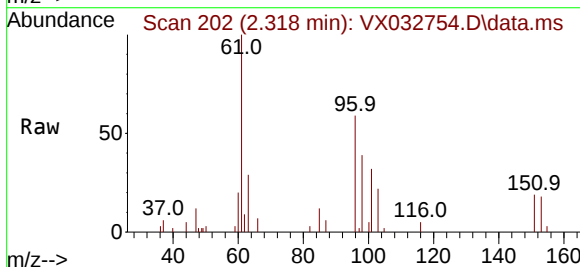
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

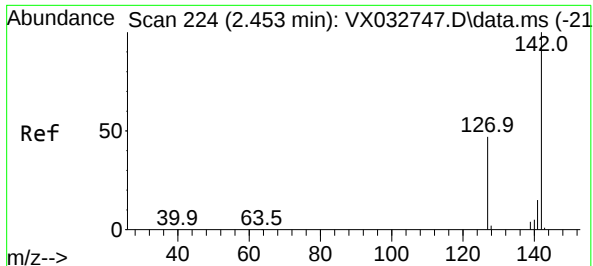
Supervised By :Mahesh
Dadoda
11/11/2022



#10
1,1-Dichloroethene
Concen: 2.454 ug/l
RT: 2.318 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX032754.D
Acq: 11 Nov 2022 04:27

Tgt Ion: 96 Resp: 2721
Ion Ratio Lower Upper
96 100
61 164.4 115.8 173.6
98 66.5 49.7 74.5





#11

Methyl Iodide

Concen: 1.725 ug/l

RT: 2.458 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX032754.D

Acq: 11 Nov 2022 04:27

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

Tgt Ion:142	Resp:	205
Ion Ratio	Lower	Upper
142	100	
127	36.7	23.8 71.2
141	10.5	7.6 22.8

Manual Integrations

APPROVED

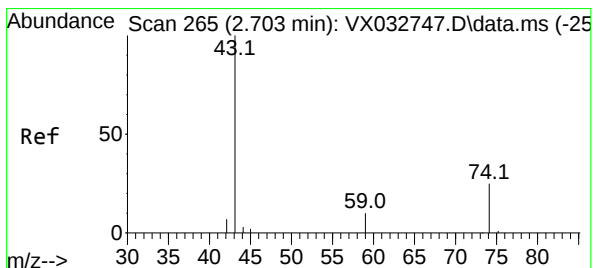
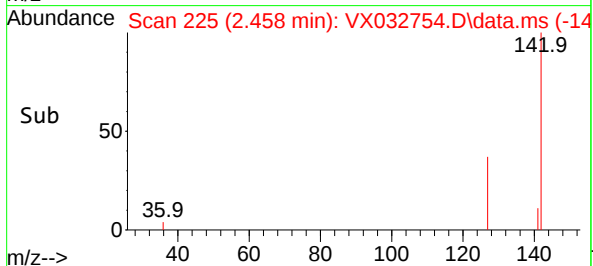
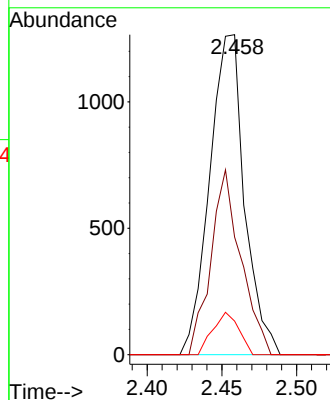
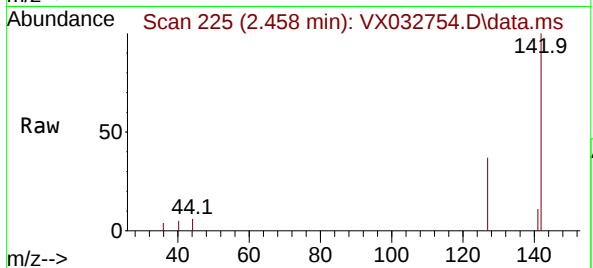
Reviewed By :John Carlone 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022

Supervised By :Mahesh

Dadoda

11/11/2022



#12

Methyl Acetate

Concen: 2.543 ug/l

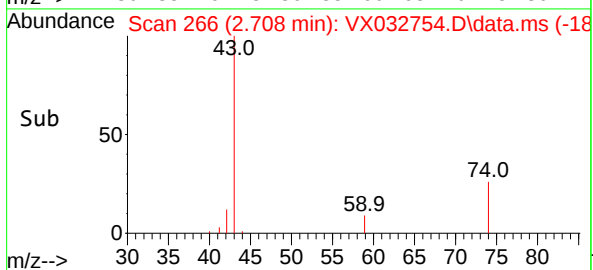
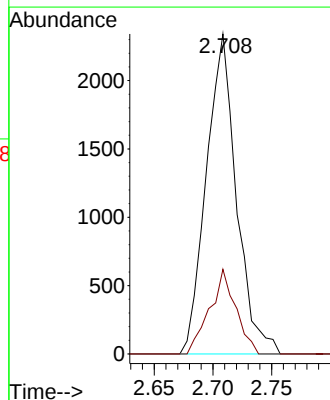
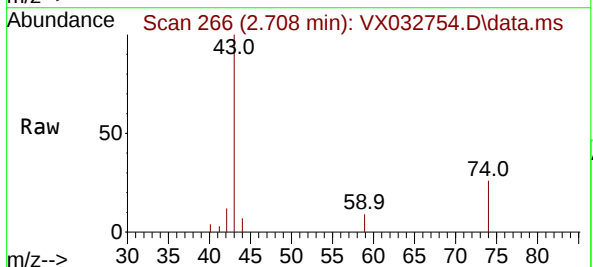
RT: 2.708 min Scan# 266

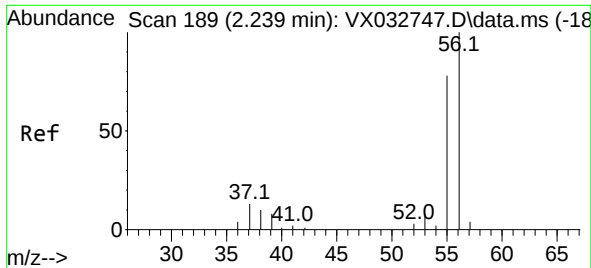
Delta R.T. 0.006 min

Lab File: VX032754.D

Acq: 11 Nov 2022 04:27

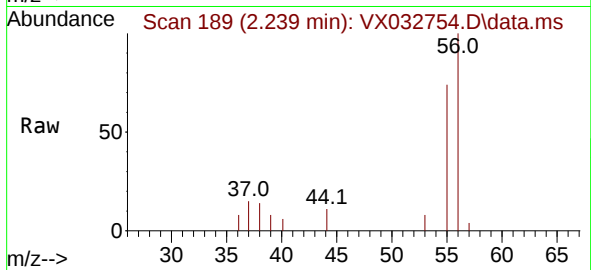
Tgt Ion: 43	Resp:	4177
Ion Ratio	Lower	Upper
43	100	
74	26.4	24.8 37.2





#13
Acrolein
Concen: 12.851 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX032754.D
Acq: 11 Nov 2022 04:27

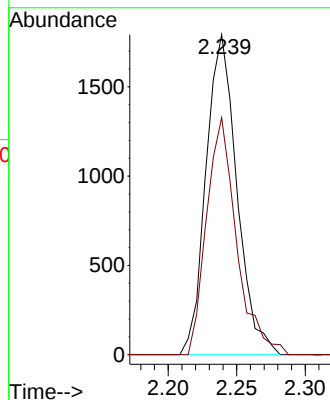
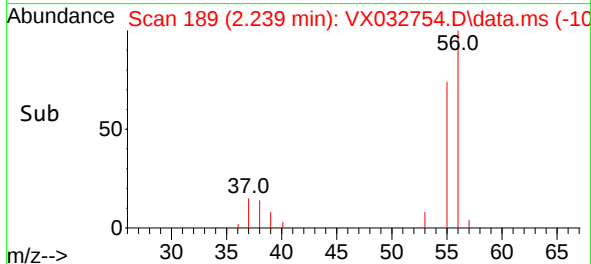
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2022



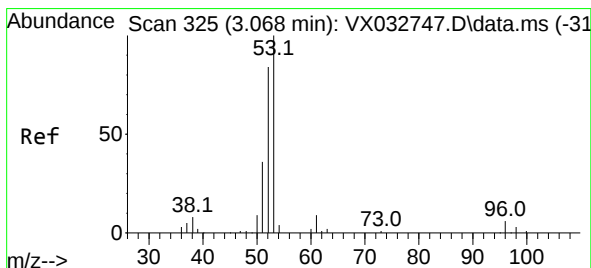
Tgt Ion: 56 Resp: 281
Ion Ratio Lower Upper
56 100
55 71.9 58.4 87.6

Manual Integrations
APPROVED

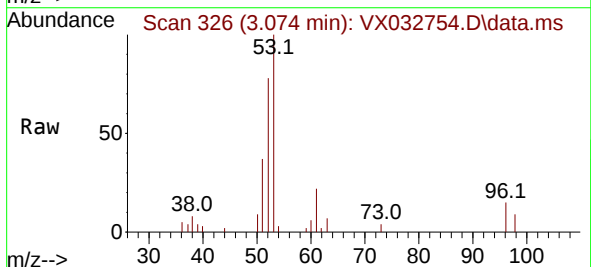
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



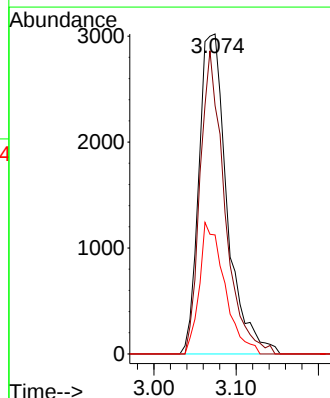
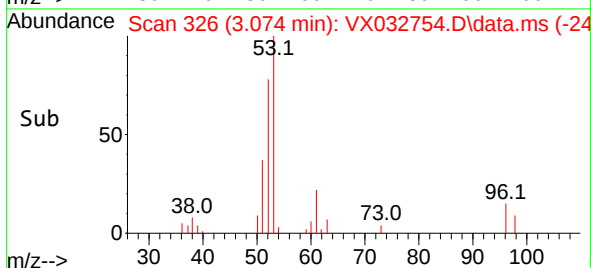
Supervised By :Mahesh
Dadoda
11/11/2022

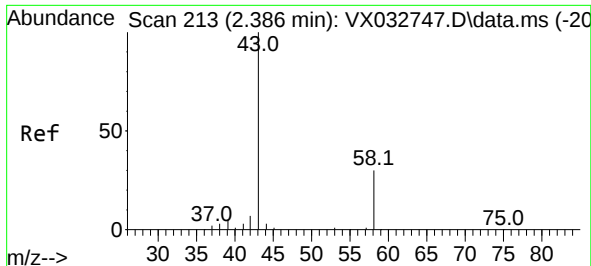


#14
Acrylonitrile
Concen: 12.236 ug/l
RT: 3.074 min Scan# 326
Delta R.T. 0.006 min
Lab File: VX032754.D
Acq: 11 Nov 2022 04:27



Tgt Ion: 53 Resp: 7205
Ion Ratio Lower Upper
53 100
52 82.4 41.5 124.5
51 36.8 18.3 54.9





#15
Acetone
Concen: 13.407 ug/l
RT: 2.391 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX032754.D
Acq: 11 Nov 2022 04:27

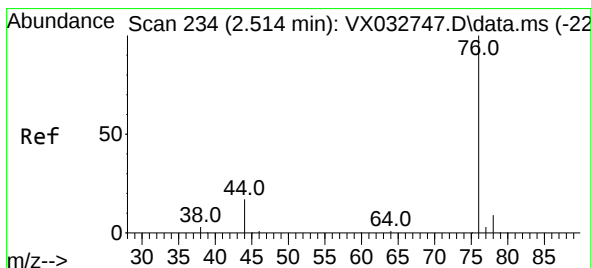
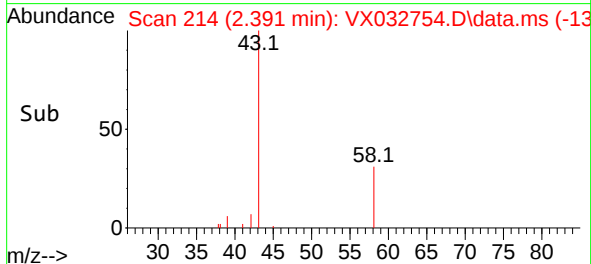
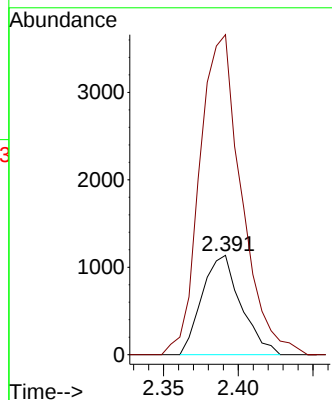
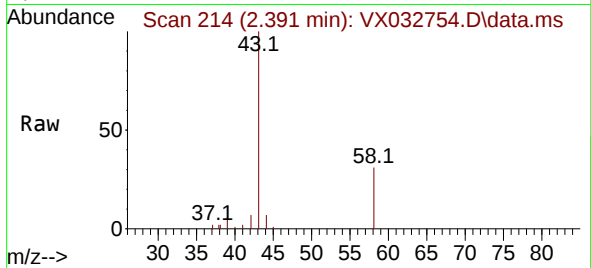
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

Tgt Ion: 58 Resp: 205
Ion Ratio Lower Upper
58 100
43 308.5 242.6 364.0

Manual Integrations
APPROVED

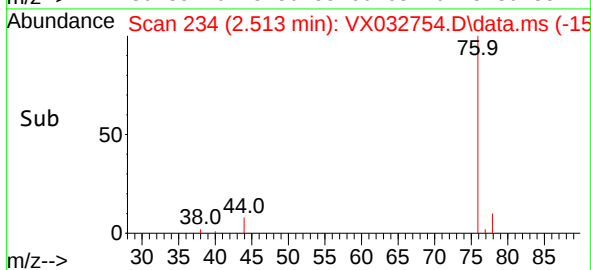
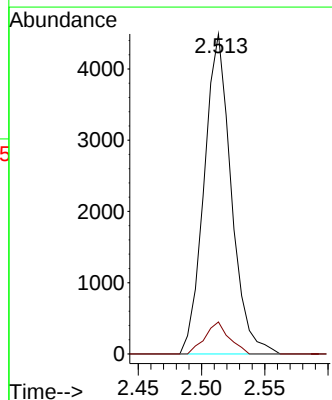
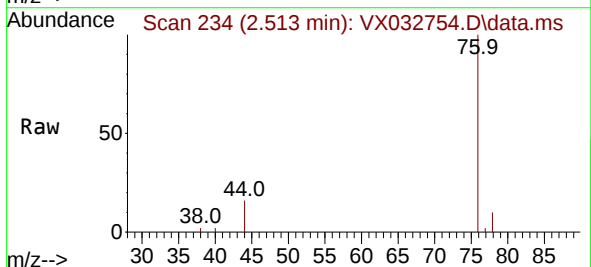
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

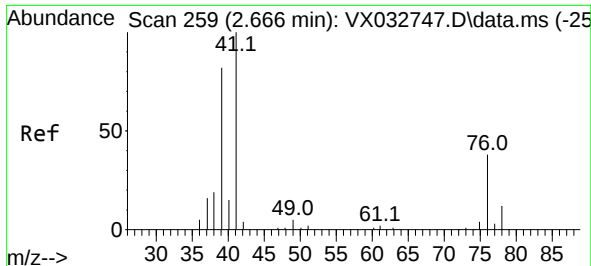
Supervised By :Mahesh
Dadoda
11/11/2022



#16
Carbon Disulfide
Concen: 2.424 ug/l
RT: 2.513 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX032754.D
Acq: 11 Nov 2022 04:27

Tgt Ion: 76 Resp: 6692
Ion Ratio Lower Upper
76 100
78 10.0 7.5 11.3





#17

Allyl chloride

Concen: 2.329 ug/l

RT: 2.666 min Scan# 210

Delta R.T. -0.000 min

Lab File: VX032754.D

Acq: 11 Nov 2022 04:27

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

Tgt Ion: 41	Resp: 4104
Ion Ratio	Lower Upper
41 100	
39 67.3	37.0 111.0
76 34.6	23.8 71.5

Manual Integrations

APPROVED

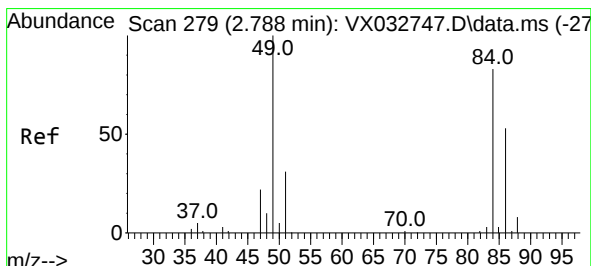
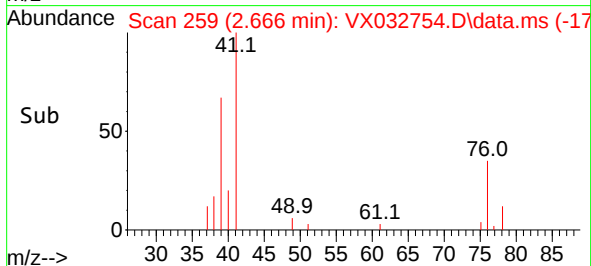
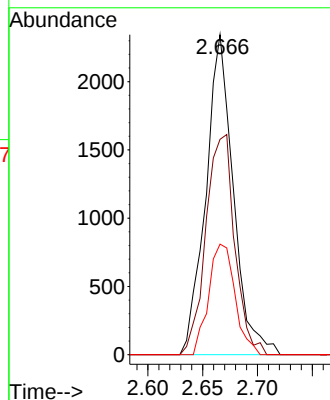
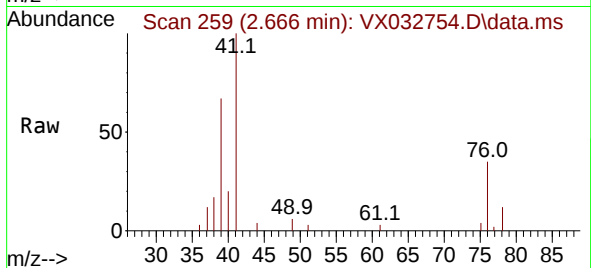
Reviewed By :John Carlone 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022

Supervised By :Mahesh

Dadoda

11/11/2022



#18

Methylene Chloride

Concen: 3.098 ug/l

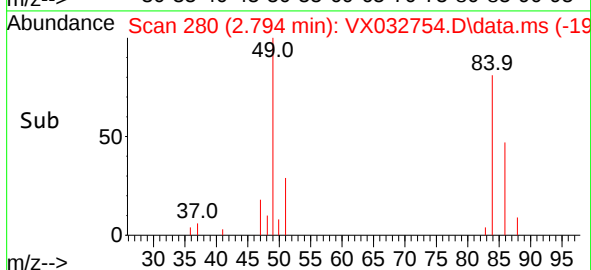
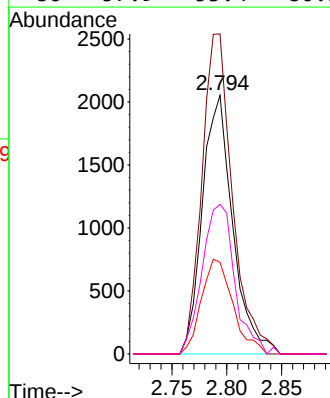
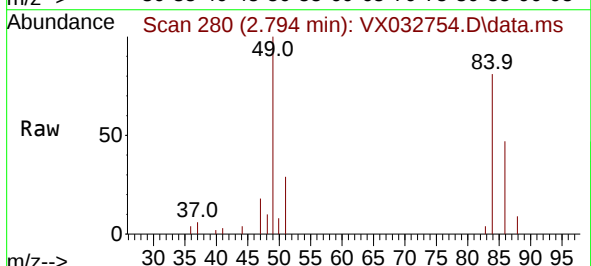
RT: 2.794 min Scan# 280

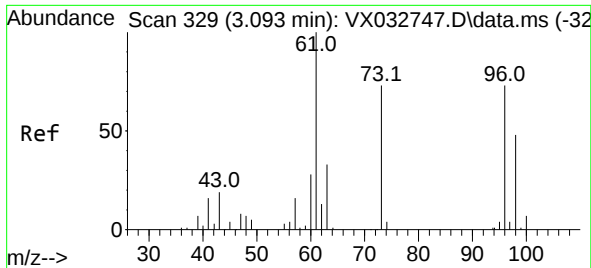
Delta R.T. 0.006 min

Lab File: VX032754.D

Acq: 11 Nov 2022 04:27

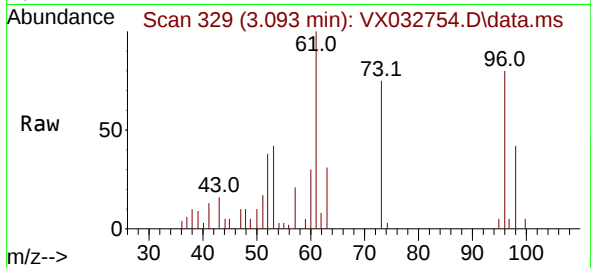
Tgt Ion: 84	Resp: 3962
Ion Ratio	Lower Upper
84 100	
49 123.7	84.6 127.0
51 35.5	26.5 39.7
86 57.9	53.4 80.2





#19
trans-1,2-Dichloroethene
Concen: 2.409 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX032754.D
Acq: 11 Nov 2022 04:27

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

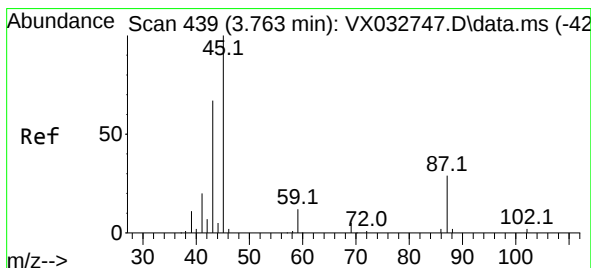
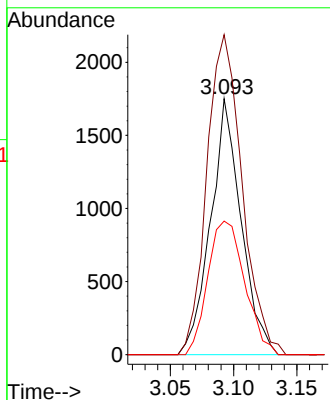


Tgt Ion: 96 Resp: 294
Ion Ratio Lower Upper
96 100
61 125.0 87.4 131.0
98 52.2 51.5 77.3

Manual Integrations
APPROVED

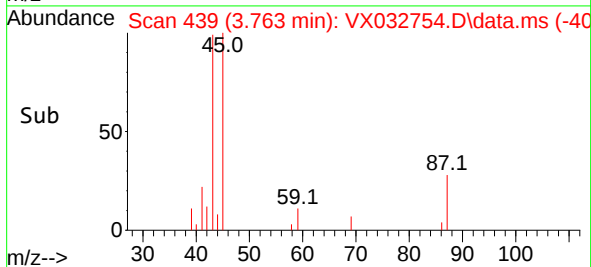
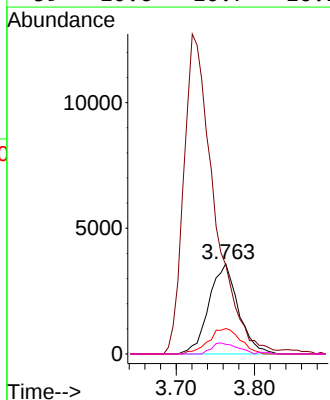
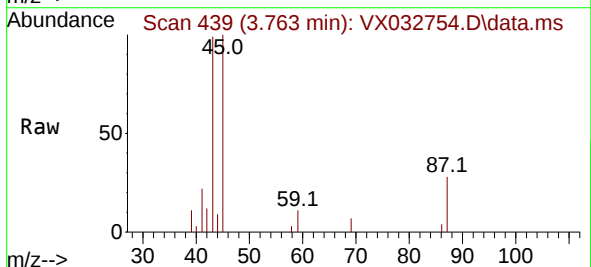
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

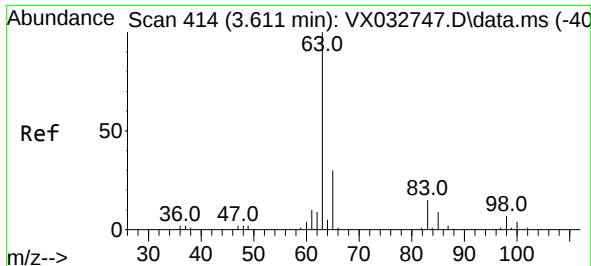
Supervised By :Mahesh
Dadoda
11/11/2022



#20
Diisopropyl ether
Concen: 2.357 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX032754.D
Acq: 11 Nov 2022 04:27

Tgt Ion: 45 Resp: 9313
Ion Ratio Lower Upper
45 100
43 94.8 74.5 111.7
87 28.3 30.4 45.6#
59 10.6 10.7 16.1#





#21
1,1-Dichloroethane
Concen: 2.457 ug/l
RT: 3.611 min Scan# 411
Delta R.T. -0.000 min
Lab File: VX032754.D
Acq: 11 Nov 2022 04:27

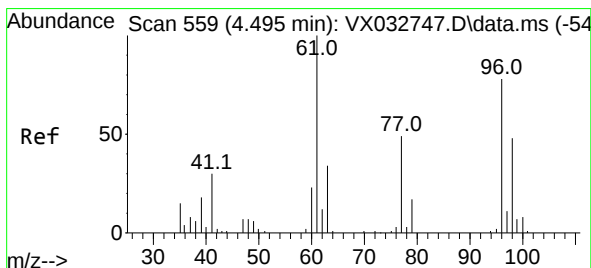
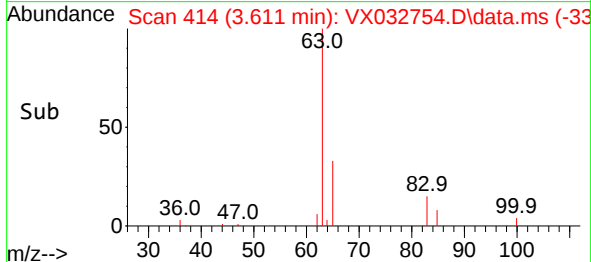
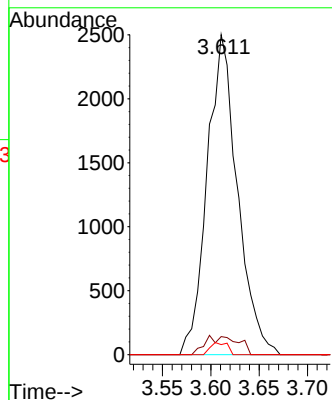
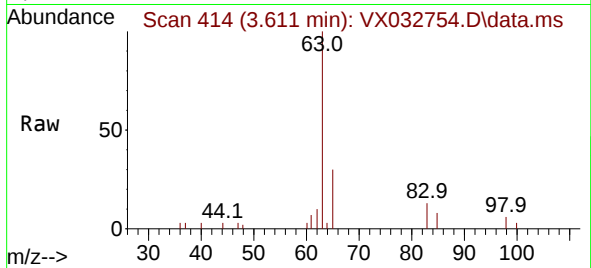
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

Tgt Ion: 63 Resp: 5449
Ion Ratio Lower Upper
63 100
98 5.6 4.5 13.7
100 3.2 2.8 8.3

Manual Integrations
APPROVED

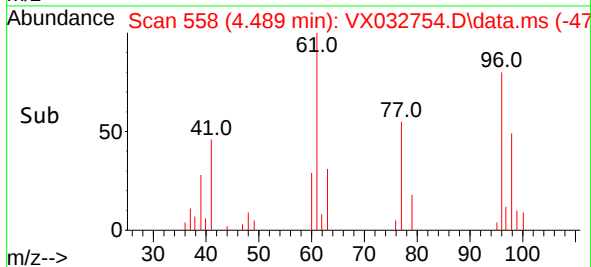
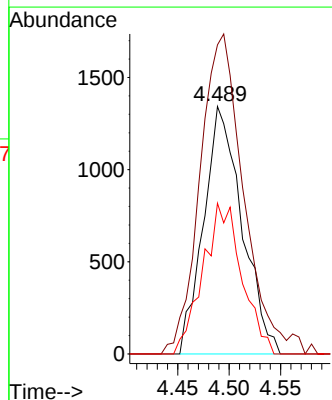
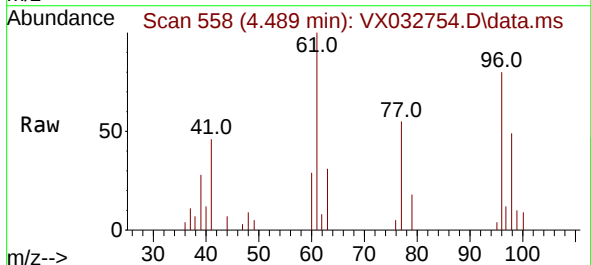
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

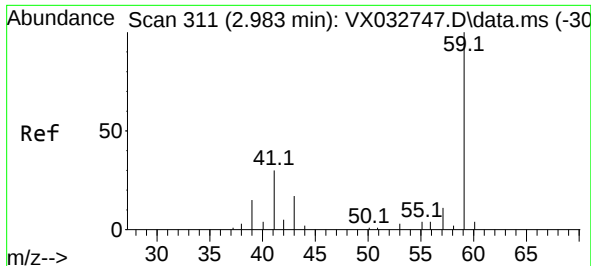
Supervised By :Mahesh
Dadoda
11/11/2022



#22
cis-1,2-Dichloroethene
Concen: 2.446 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.006 min
Lab File: VX032754.D
Acq: 11 Nov 2022 04:27

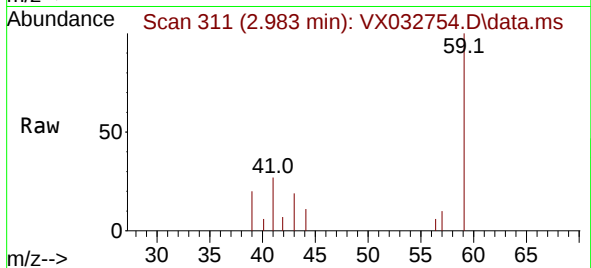
Tgt Ion: 96 Resp: 3489
Ion Ratio Lower Upper
96 100
61 145.2 98.0 147.0
98 61.6 52.2 78.4





#23
tert-Butyl Alcohol
Concen: 16.878 ug/l m
RT: 2.983 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX032754.D
Acq: 11 Nov 2022 04:27

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

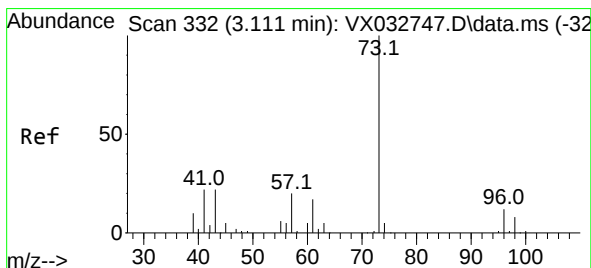
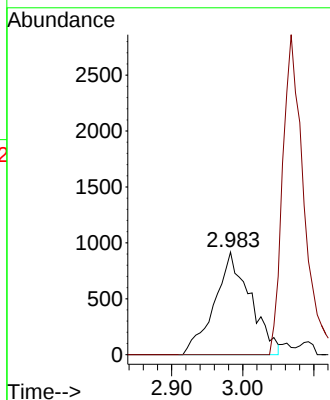
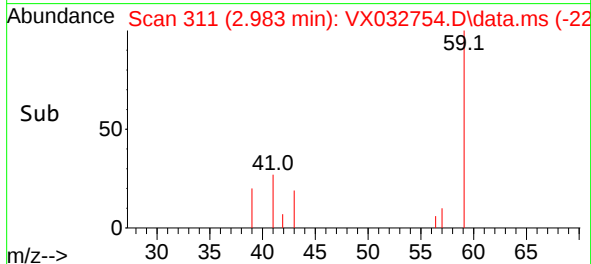


Tgt Ion: 59 Resp: 322
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

Manual Integrations
APPROVED

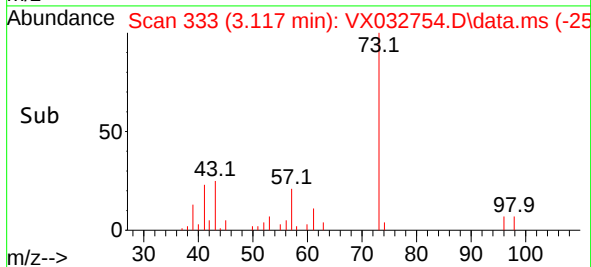
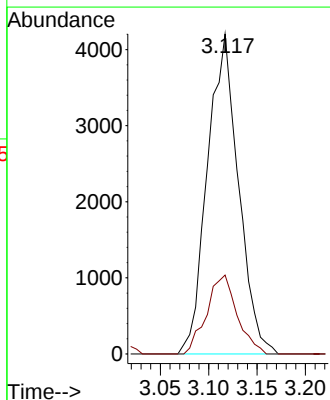
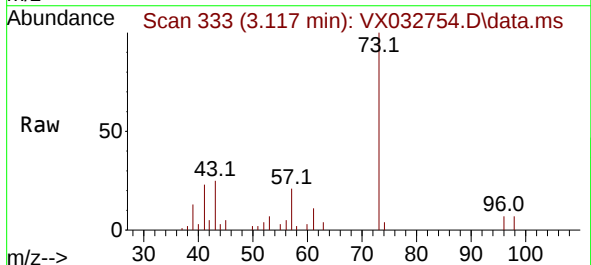
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

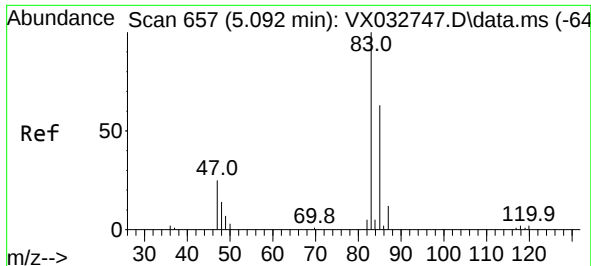
Supervised By :Mahesh
Dadoda
11/11/2022



#24
Methyl tert-Butyl Ether
Concen: 2.368 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX032754.D
Acq: 11 Nov 2022 04:27

Tgt Ion: 73 Resp: 9401
Ion Ratio Lower Upper
73 100
43 24.1 14.8 22.2#





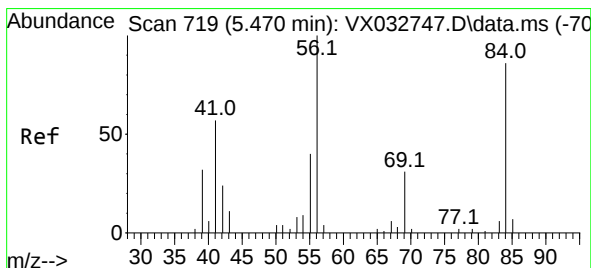
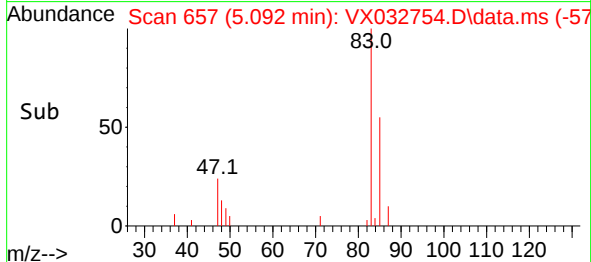
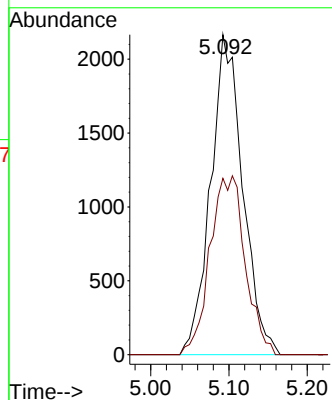
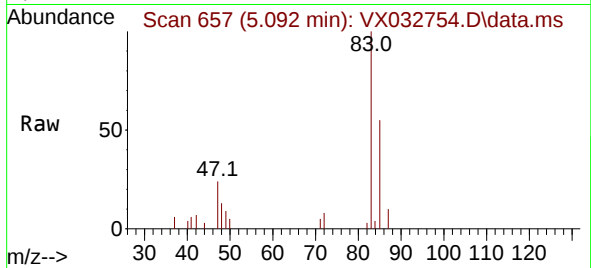
#25
Chloroform
Concen: 2.493 ug/l
RT: 5.092 min Scan# 616
Delta R.T. -0.000 min
Lab File: VX032754.D
Acq: 11 Nov 2022 04:27

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

Tgt Ion: 83 Resp: 616
Ion Ratio Lower Upper
83 100
85 55.1 51.4 77.0

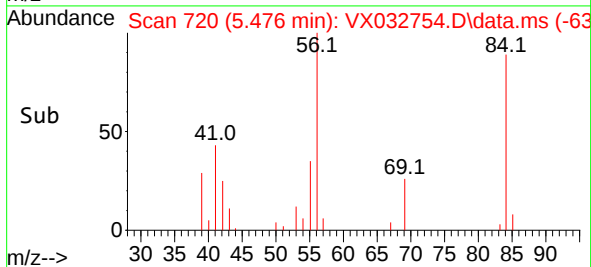
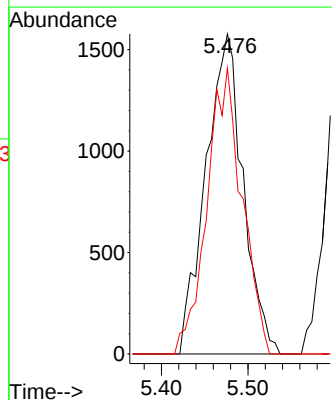
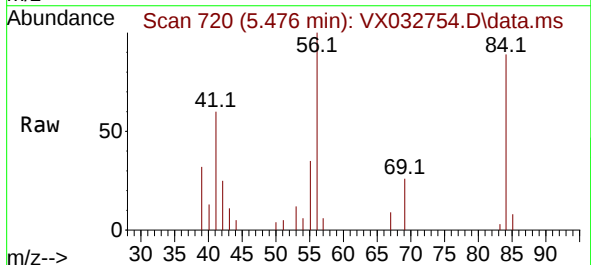
Manual Integrations
APPROVED

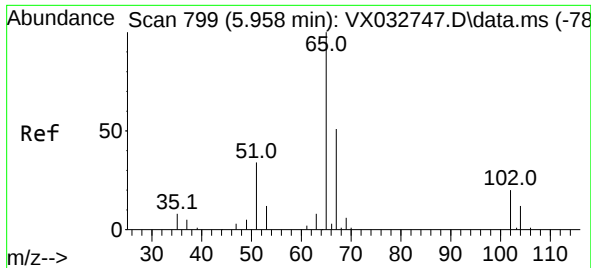
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#26
Cyclohexane
Concen: 2.436 ug/l
RT: 5.476 min Scan# 720
Delta R.T. 0.006 min
Lab File: VX032754.D
Acq: 11 Nov 2022 04:27

Tgt Ion: 56 Resp: 4719
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 83.8 86.6 130.0#





#27

1,2-Dichloroethane-d4

Concen: 29.451 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX032754.D

Acq: 11 Nov 2022 04:27

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

Tgt Ion: 65 Resp: 3238

Ion Ratio Lower Upper

65 100

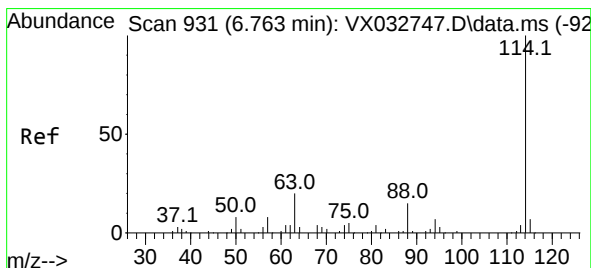
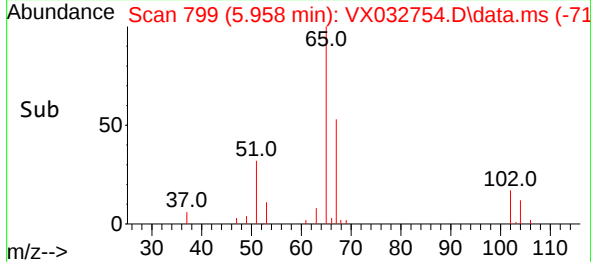
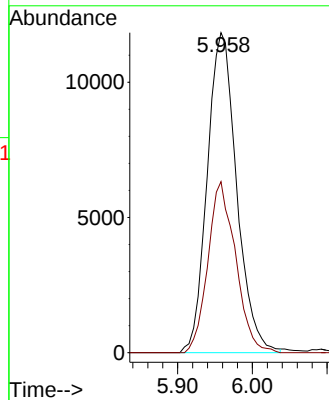
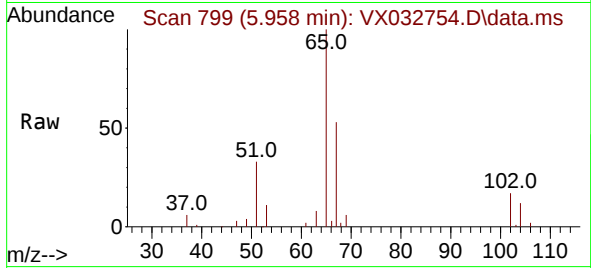
67 50.3 41.8 62.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX032754.D

Acq: 11 Nov 2022 04:27

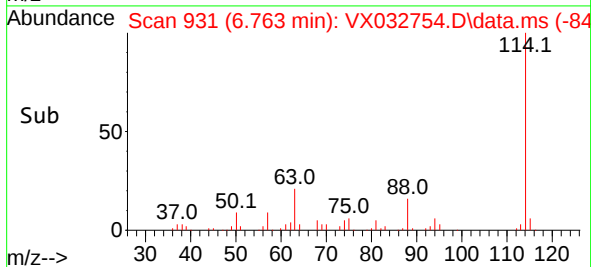
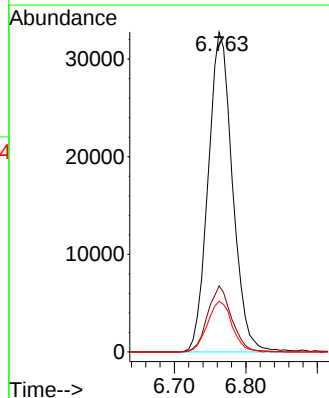
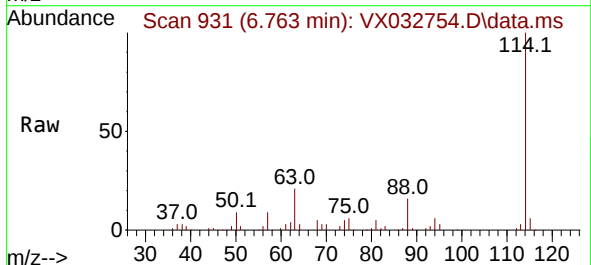
Tgt Ion:114 Resp: 77479

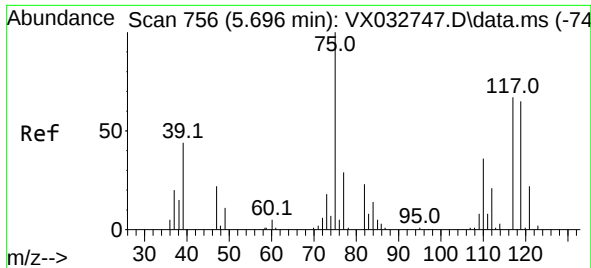
Ion Ratio Lower Upper

114 100

63 20.3 13.6 20.4

88 16.0 11.8 17.6





#29

1,1-Dichloropropene

Concen: 2.413 ug/l

RT: 5.696 min Scan# 756

Delta R.T. -0.000 min

Lab File: VX032754.D

Acq: 11 Nov 2022 04:27

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

Tgt Ion: 75	Resp: 414
Ion Ratio	Lower Upper
75 100	
110 20.7	0.0 80.4
77 27.3	0.0 62.0

Manual Integrations

APPROVED

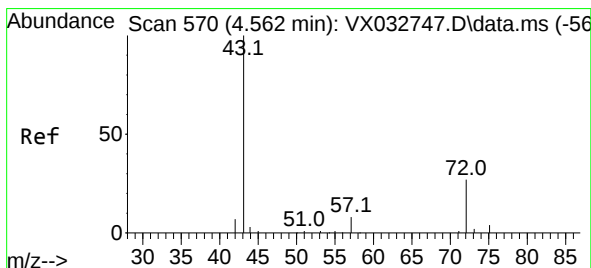
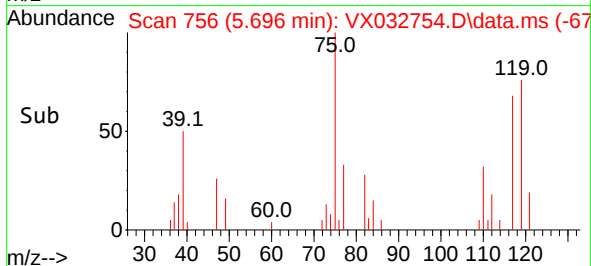
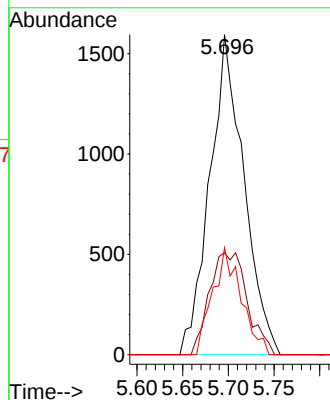
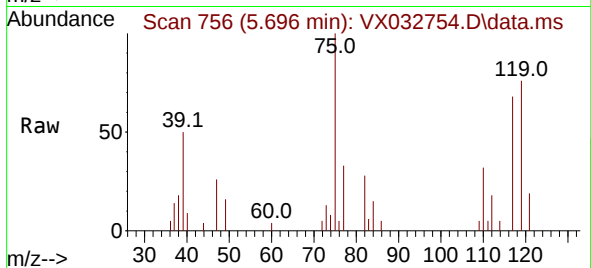
Reviewed By :John Carlone 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022

Supervised By :Mahesh

Dadoda

11/11/2022



#30

2-Butanone

Concen: 12.969 ug/l

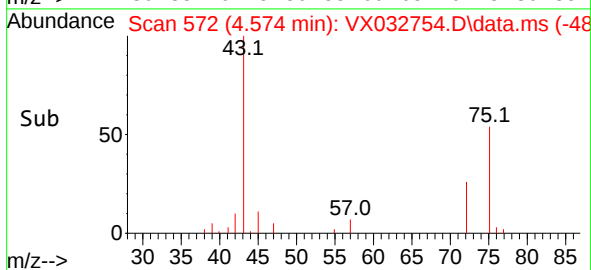
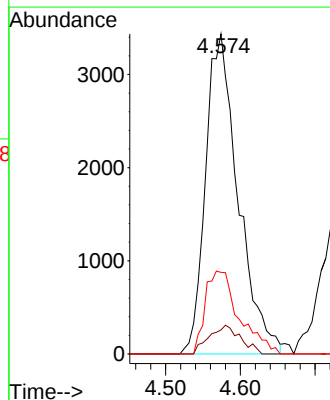
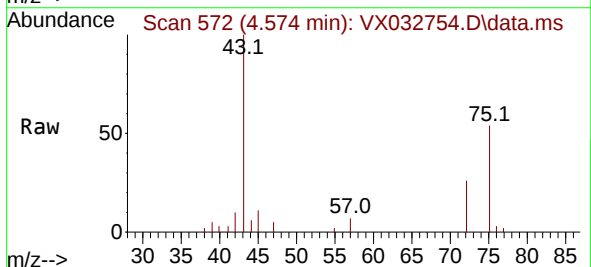
RT: 4.574 min Scan# 572

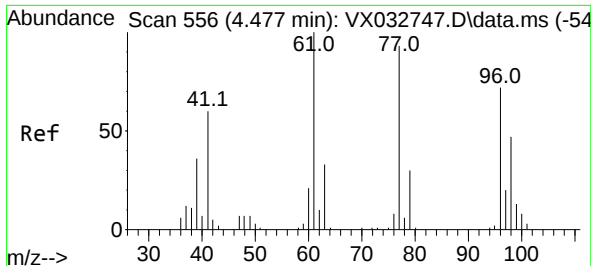
Delta R.T. 0.012 min

Lab File: VX032754.D

Acq: 11 Nov 2022 04:27

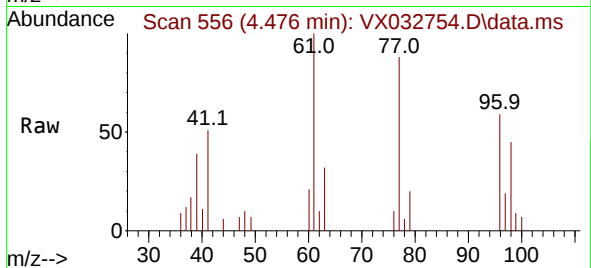
Tgt Ion: 43	Resp: 10391
Ion Ratio	Lower Upper
43 100	
57 8.6	7.5 11.3
72 27.0	26.6 39.8





#31
2,2-Dichloropropane
Concen: 2.223 ug/l
RT: 4.476 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX032754.D
Acq: 11 Nov 2022 04:27

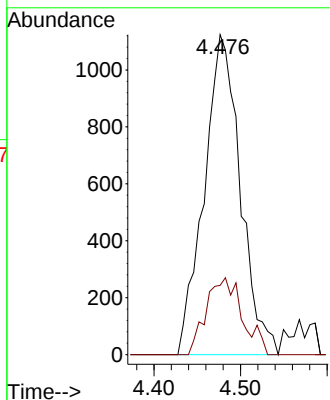
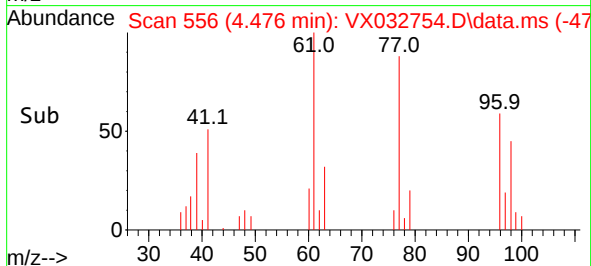
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



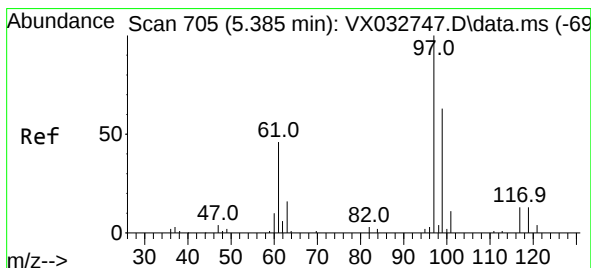
Tgt Ion: 77 Resp: 326
Ion Ratio Lower Upper
77 100
97 22.1 20.0 30.0

Manual Integrations
APPROVED

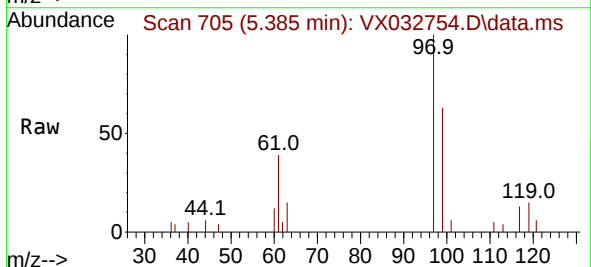
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



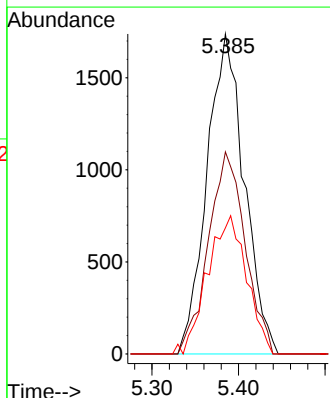
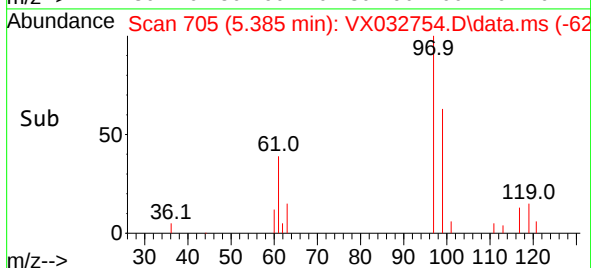
Supervised By :Mahesh
Dadoda
11/11/2022

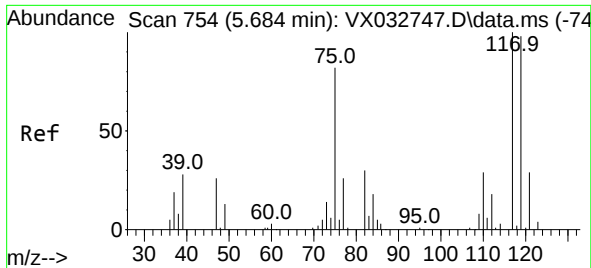


#32
1,1,1-Trichloroethane
Concen: 2.405 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX032754.D
Acq: 11 Nov 2022 04:27



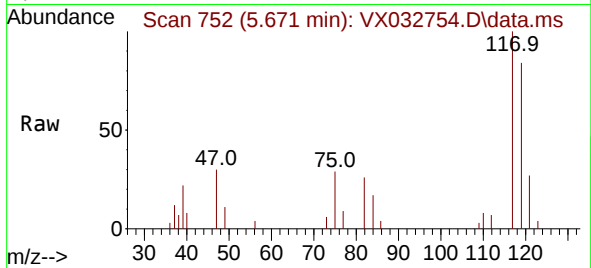
Tgt Ion: 97 Resp: 5199
Ion Ratio Lower Upper
97 100
99 62.3 53.8 80.6
61 45.0 31.3 46.9





#33
Carbon Tetrachloride
Concen: 2.279 ug/l m
RT: 5.671 min Scan# 754
Delta R.T. -0.013 min
Lab File: VX032754.D
Acq: 11 Nov 2022 04:27

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

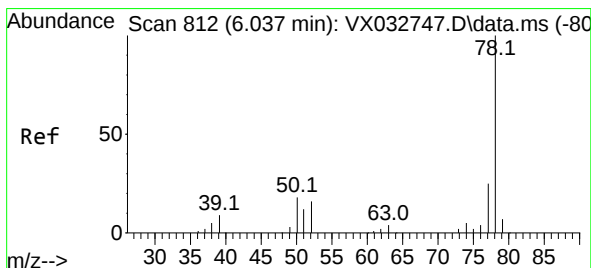
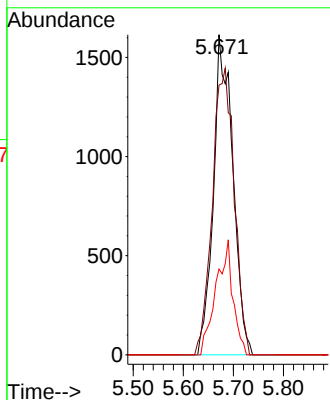


Tgt Ion: 117 Resp: 4320
Ion Ratio Lower Upper
117 100
119 84.3 75.4 113.2
121 26.7 24.4 36.6

Manual Integrations
APPROVED

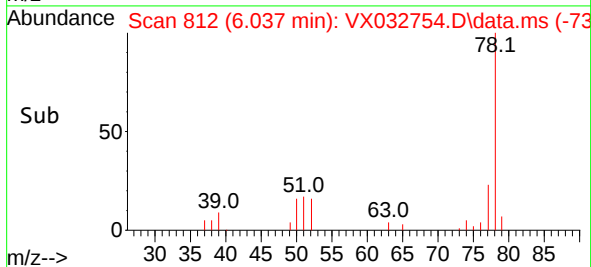
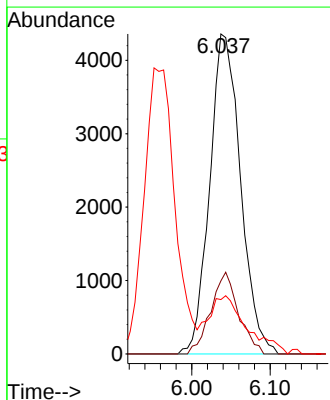
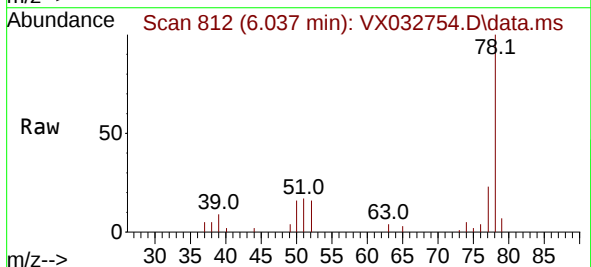
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

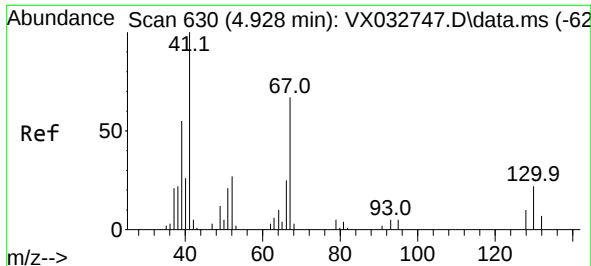
Supervised By :Mahesh
Dadoda
11/11/2022



#34
Benzene
Concen: 2.467 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX032754.D
Acq: 11 Nov 2022 04:27

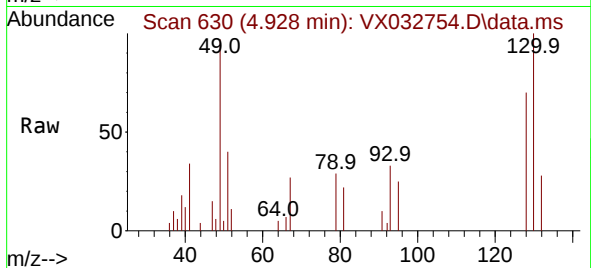
Tgt Ion: 78 Resp: 11942
Ion Ratio Lower Upper
78 100
77 22.9 19.0 28.6
51 14.1 10.6 15.8





#35
Methacrylonitrile
Concen: 2.595 ug/l m
RT: 4.928 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX032754.D
Acq: 11 Nov 2022 04:27

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

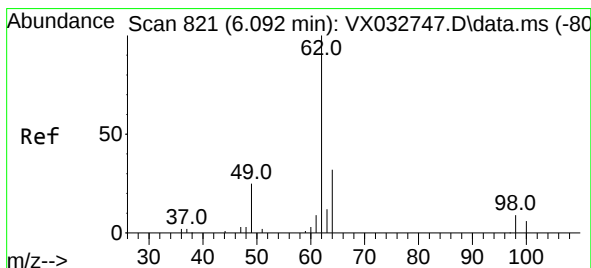
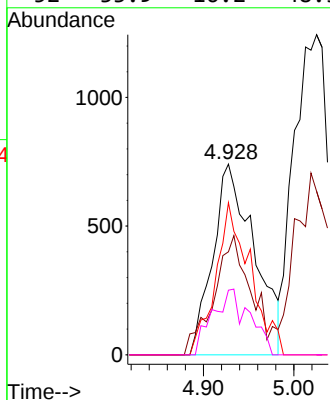
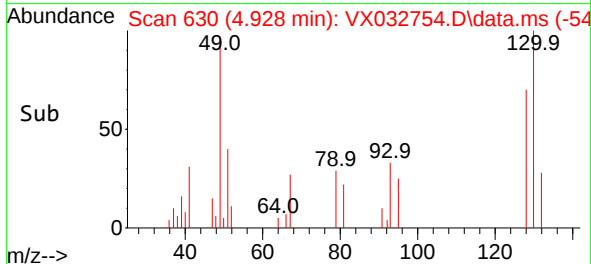


Tgt Ion: 41 Resp: 235
Ion Ratio Lower Upper
41 100
39 54.0 26.9 80.7
67 79.8 40.6 121.8
52 33.9 16.2 48.5

Manual Integrations
APPROVED

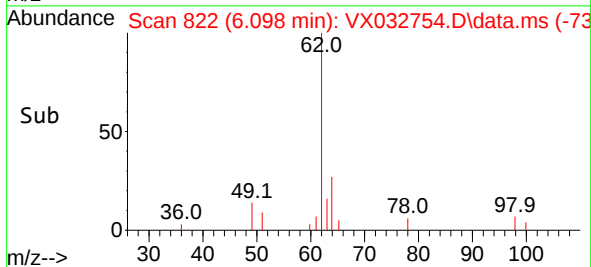
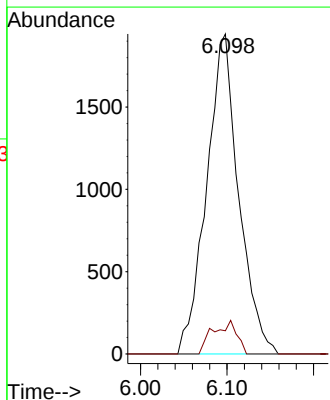
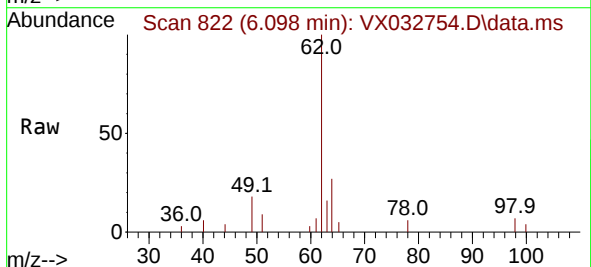
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

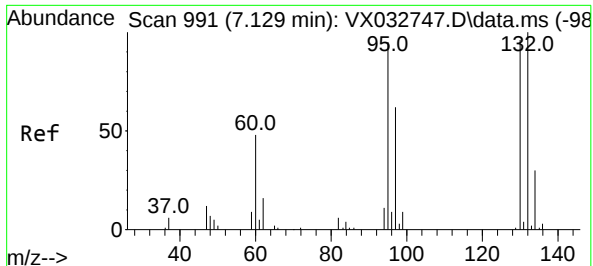
Supervised By :Mahesh
Dadoda
11/11/2022



#36
1,2-Dichloroethane
Concen: 2.511 ug/l
RT: 6.098 min Scan# 822
Delta R.T. 0.006 min
Lab File: VX032754.D
Acq: 11 Nov 2022 04:27

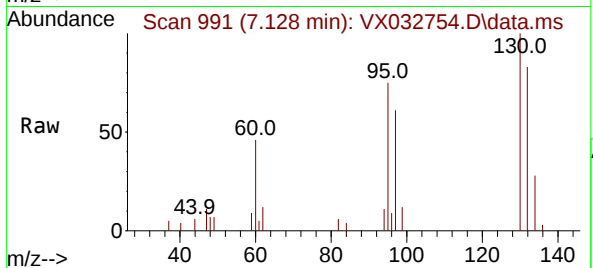
Tgt Ion: 62 Resp: 5004
Ion Ratio Lower Upper
62 100
98 3.0 8.8 13.2#





#37
Trichloroethene
Concen: 2.585 ug/l
RT: 7.128 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX032754.D
Acq: 11 Nov 2022 04:27

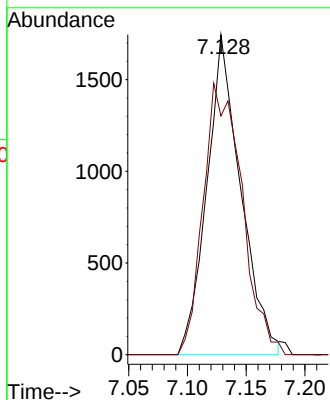
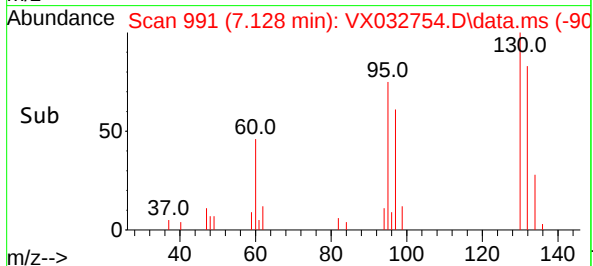
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



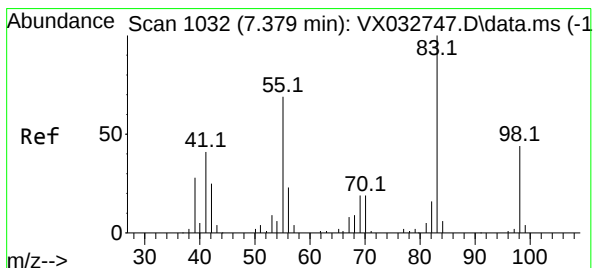
Tgt Ion:130 Resp: 350
Ion Ratio Lower Upper
130 100
95 74.6 72.4 108.6

Manual Integrations
APPROVED

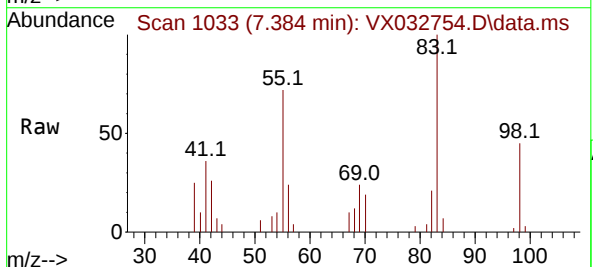
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



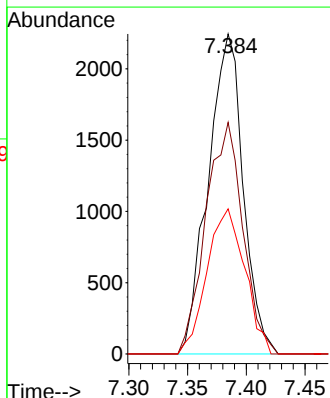
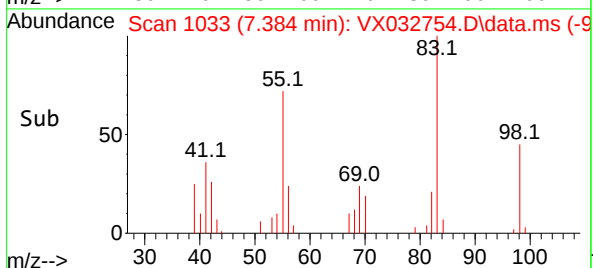
Supervised By :Mahesh
Dadoda
11/11/2022

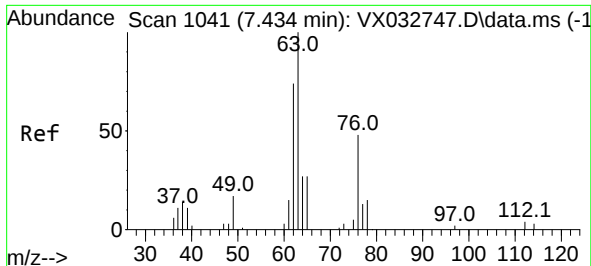


#38
Methylcyclohexane
Concen: 2.421 ug/l
RT: 7.384 min Scan# 1033
Delta R.T. 0.006 min
Lab File: VX032754.D
Acq: 11 Nov 2022 04:27



Tgt Ion: 83 Resp: 4661
Ion Ratio Lower Upper
83 100
55 76.6 31.6 94.7
98 49.0 26.9 80.6





#39

1,2-Dichloropropane

Concen: 2.433 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX032754.D

Acq: 11 Nov 2022 04:27

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

Tgt Ion: 63 Resp: 298

Ion Ratio Lower Upper

63 100

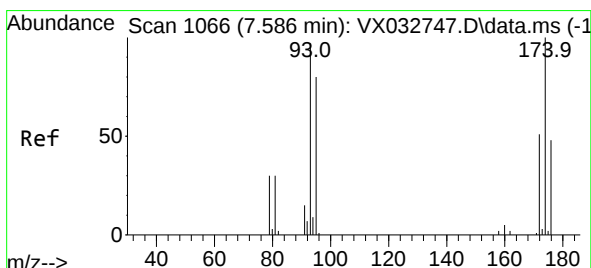
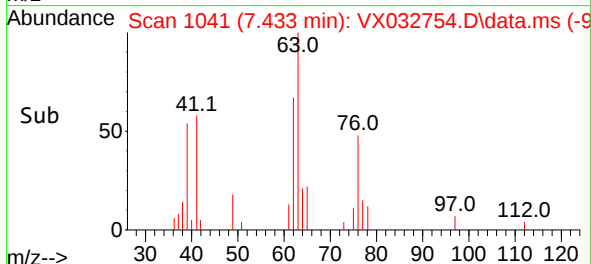
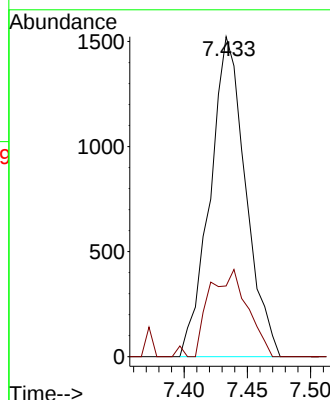
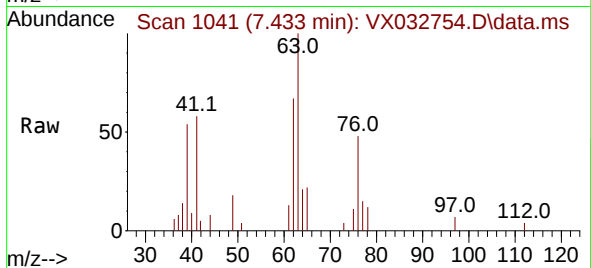
65 22.1 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022



#40

Dibromomethane

Concen: 2.397 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VX032754.D

Acq: 11 Nov 2022 04:27

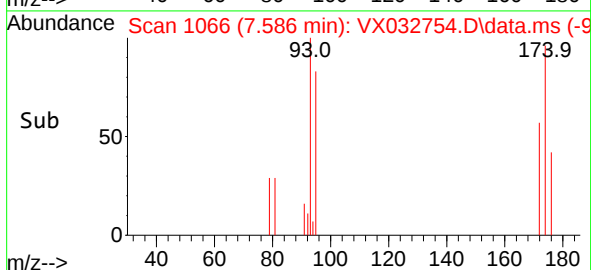
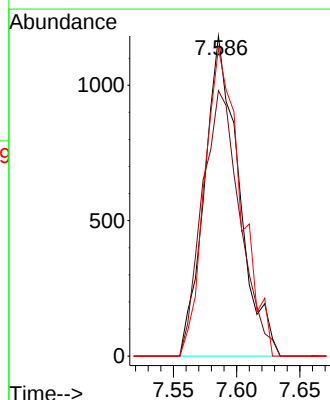
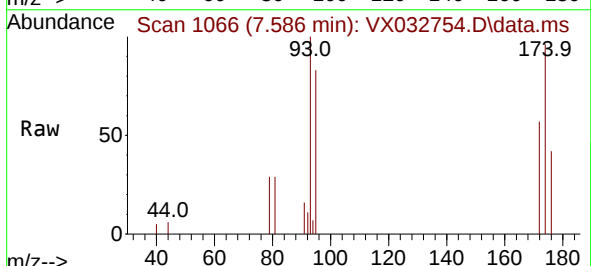
Tgt Ion: 93 Resp: 2243

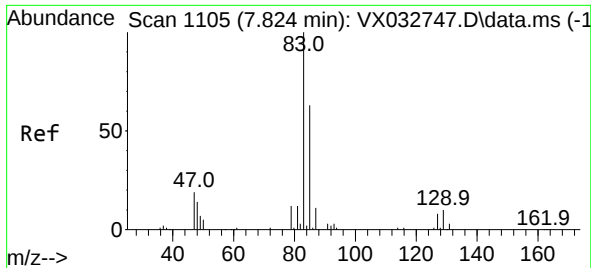
Ion Ratio Lower Upper

93 100

95 90.9 0.0 165.0

174 100.5 0.0 205.2





#41
Bromodichloromethane
Concen: 2.313 ug/l
RT: 7.823 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX032754.D
Acq: 11 Nov 2022 04:27

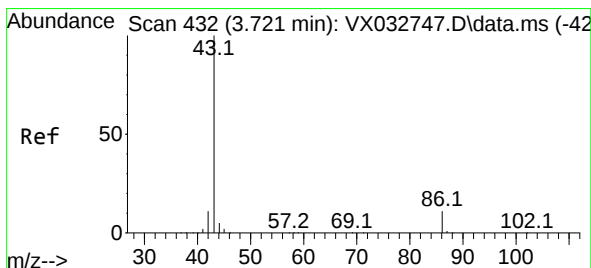
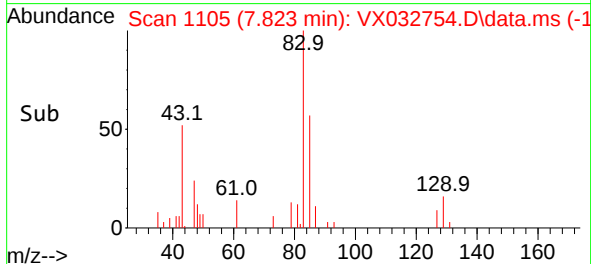
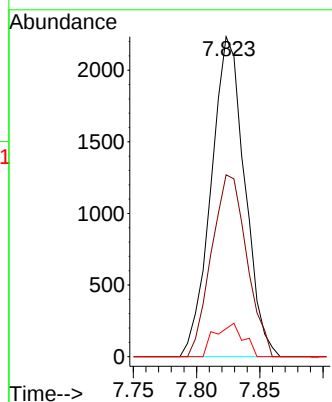
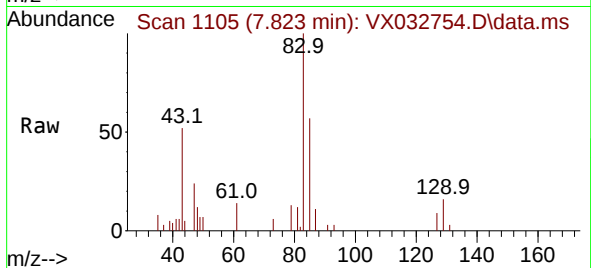
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2022

Tgt Ion: 83 Resp: 4120
Ion Ratio Lower Upper
83 100
85 56.8 52.3 78.5
127 8.7 6.8 10.2

Manual Integrations
APPROVED

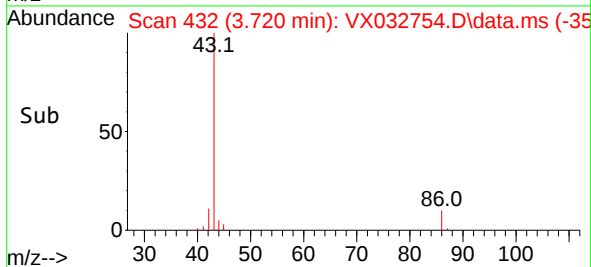
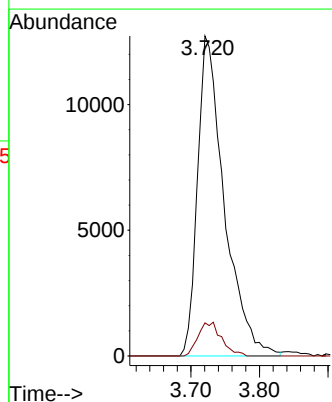
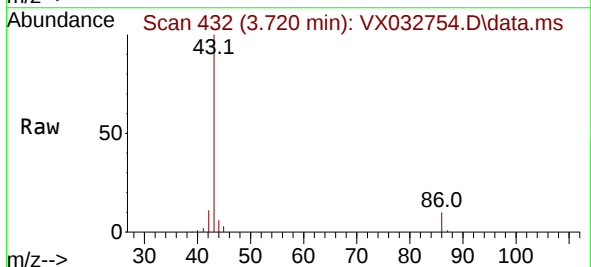
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

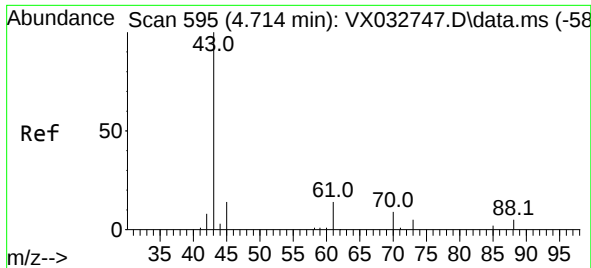
Supervised By :Mahesh
Dadoda
11/11/2022



#42
Vinyl Acetate
Concen: 11.233 ug/l
RT: 3.720 min Scan# 432
Delta R.T. -0.000 min
Lab File: VX032754.D
Acq: 11 Nov 2022 04:27

Tgt Ion: 43 Resp: 34583
Ion Ratio Lower Upper
43 100
86 9.2 10.3 15.5#





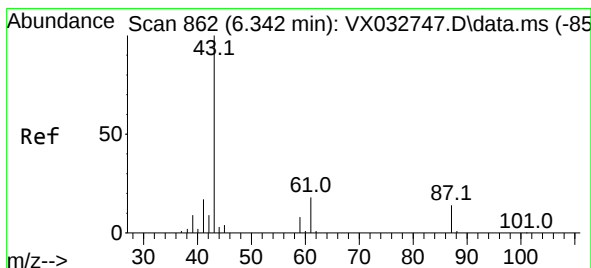
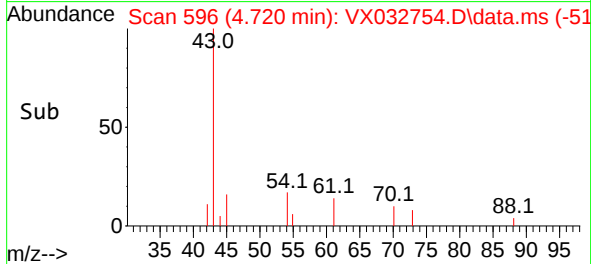
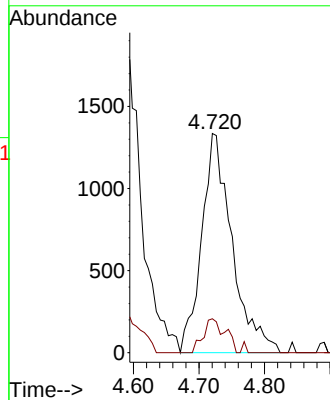
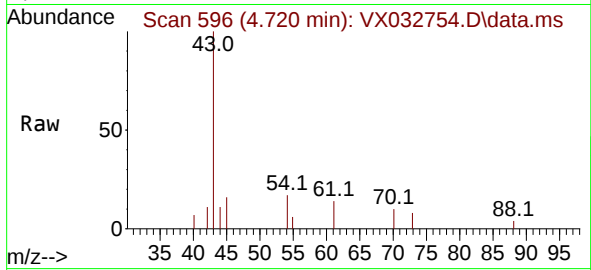
#43
Ethyl Acetate
Concen: 2.669 ug/l m
RT: 4.720 min Scan# 596
Delta R.T. 0.006 min
Lab File: VX032754.D
Acq: 11 Nov 2022 04:27

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

Tgt Ion: 43 Resp: 430
Ion Ratio Lower Upper
43 100
45 29.5 8.2 12.2

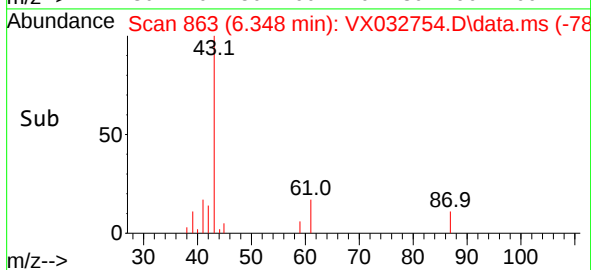
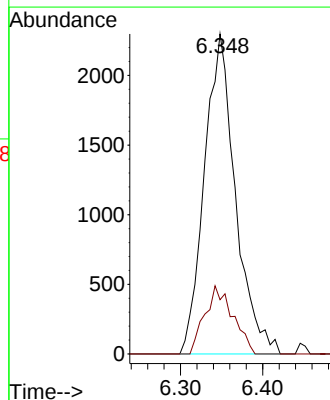
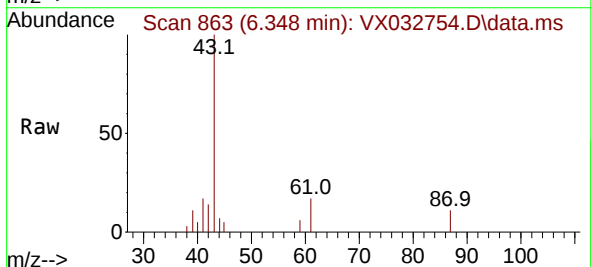
Manual Integrations
APPROVED

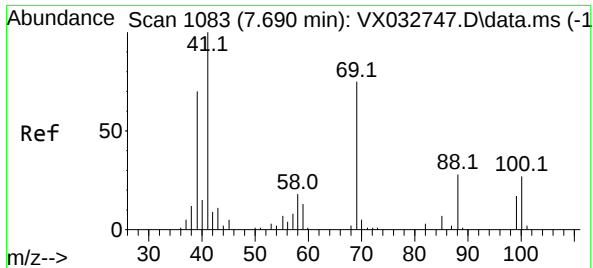
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#44
Isopropyl Acetate
Concen: 2.231 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.006 min
Lab File: VX032754.D
Acq: 11 Nov 2022 04:27

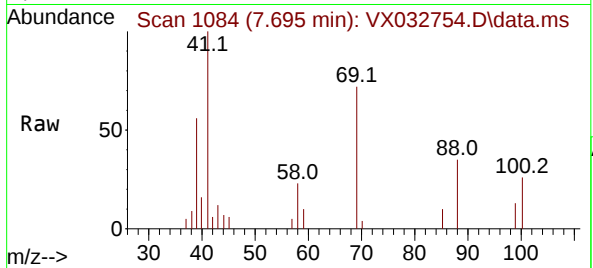
Tgt Ion: 43 Resp: 6027
Ion Ratio Lower Upper
43 100
61 19.2 17.2 25.8





#45
1,4-Dioxane
Concen: 47.872 ug/l
RT: 7.695 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX032754.D
Acq: 11 Nov 2022 04:27

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

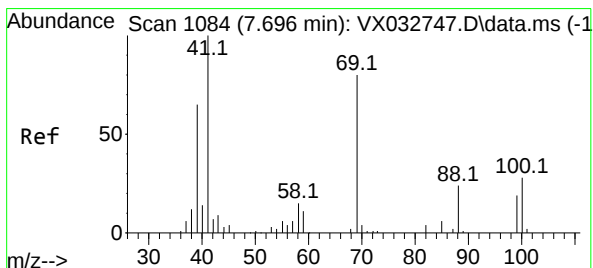
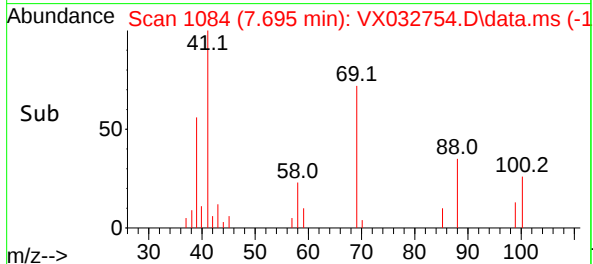
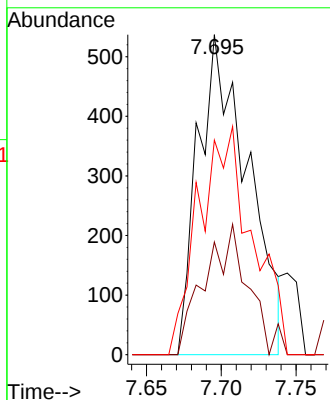


Tgt Ion: 88 Resp: 124
Ion Ratio Lower Upper
88 100
43 34.2 20.4 30.6
58 67.4 44.0 66.0

Manual Integrations
APPROVED

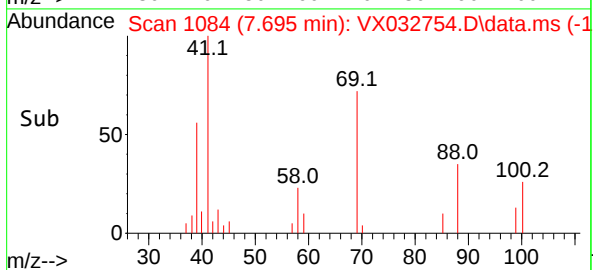
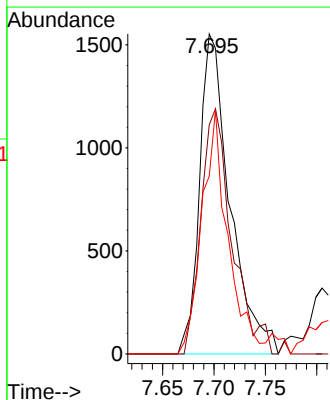
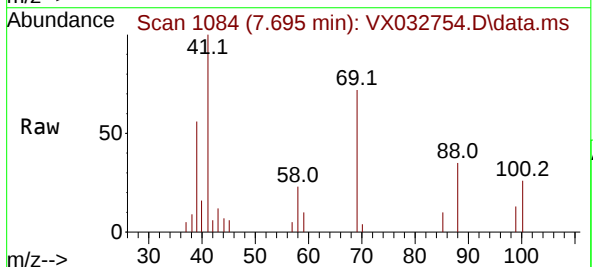
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

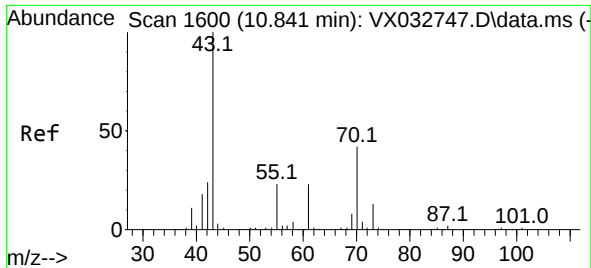
Supervised By :Mahesh
Dadoda
11/11/2022



#46
Methyl methacrylate
Concen: 2.353 ug/l
RT: 7.695 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX032754.D
Acq: 11 Nov 2022 04:27

Tgt Ion: 41 Resp: 3199
Ion Ratio Lower Upper
41 100
69 71.6 50.5 151.5
39 55.5 34.6 103.8





#47
n-amy1 Acetate
Concen: 2.032 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX032754.D
Acq: 11 Nov 2022 04:27

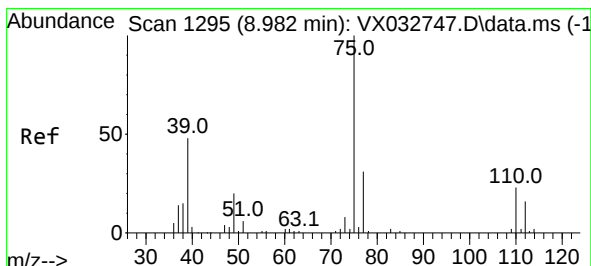
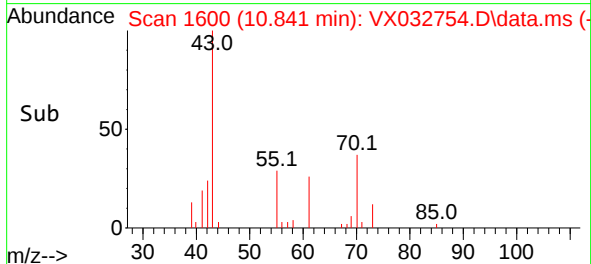
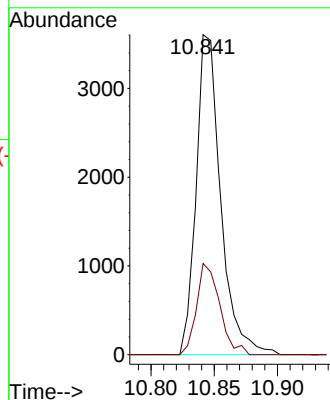
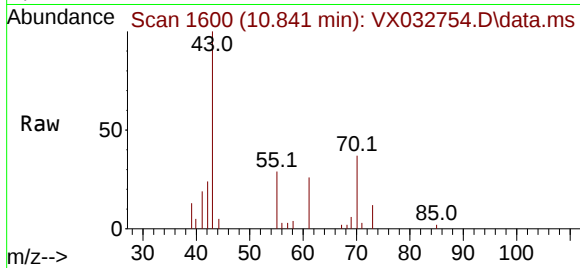
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2022

Tgt Ion: 43 Resp: 4880
Ion Ratio Lower Upper
43 100
55 26.8 21.6 32.4

Manual Integrations
APPROVED

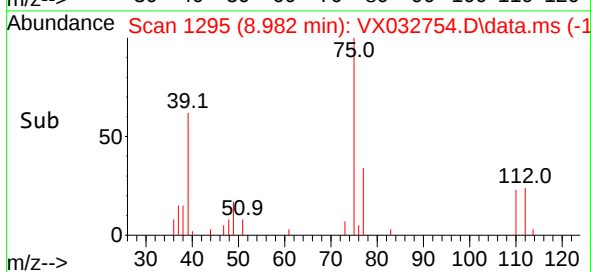
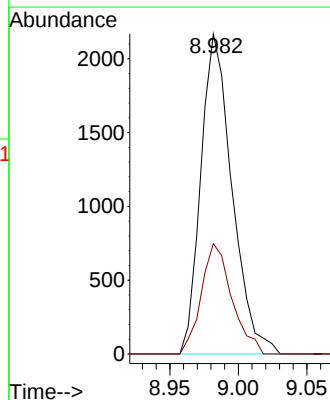
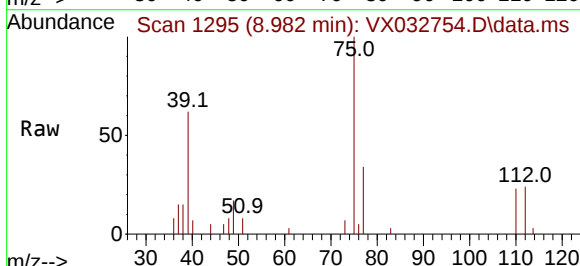
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

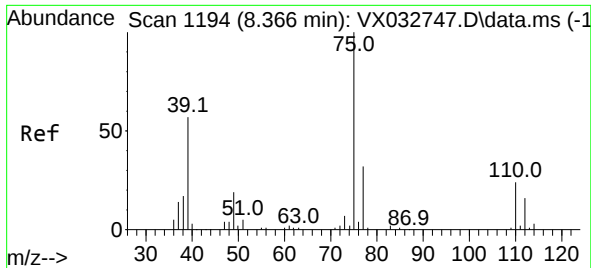
Supervised By :Mahesh
Dadoda
11/11/2022



#48
t-1,3-Dichloropropene
Concen: 1.875 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. -0.000 min
Lab File: VX032754.D
Acq: 11 Nov 2022 04:27

Tgt Ion: 75 Resp: 3431
Ion Ratio Lower Upper
75 100
77 34.5 25.4 38.0





#49

cis-1,3-Dichloropropene

Concen: 2.159 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX032754.D

Acq: 11 Nov 2022 04:27

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

Tgt Ion: 75 Resp: 417

Ion	Ratio	Lower	Upper
75	100		
77	34.1	25.7	38.5
39	59.1	34.1	51.1

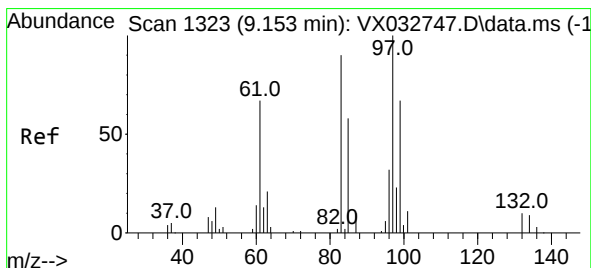
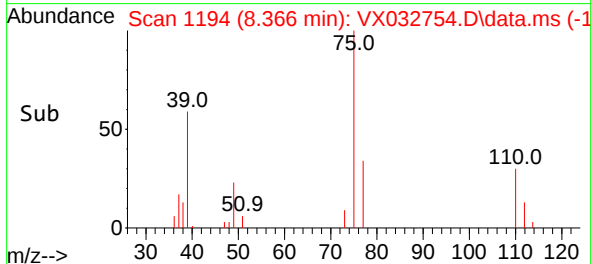
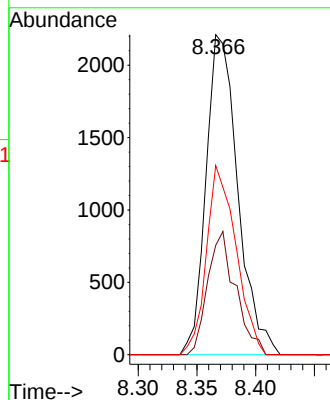
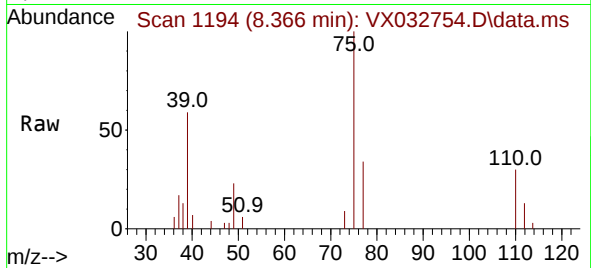
Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022

Supervised By :Mahesh
Dadoda
11/11/2022



#50

1,1,2-Trichloroethane

Concen: 2.385 ug/l

RT: 9.152 min Scan# 1323

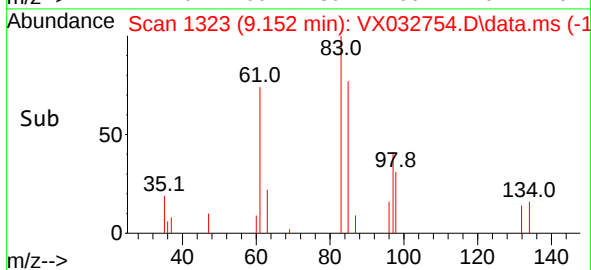
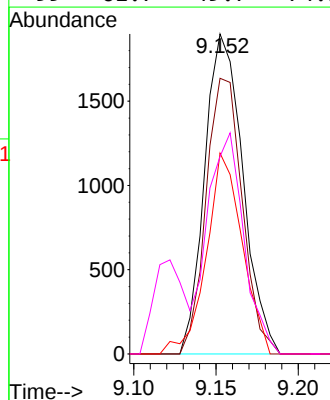
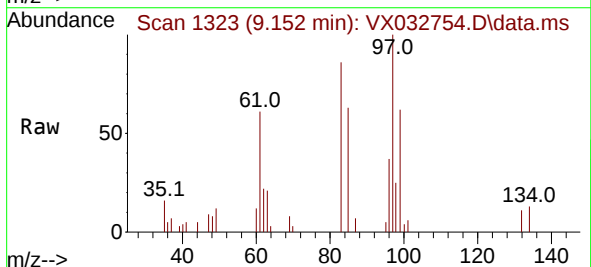
Delta R.T. -0.000 min

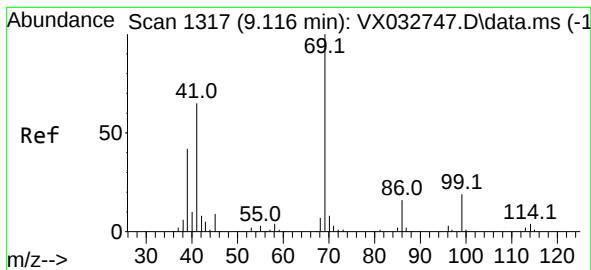
Lab File: VX032754.D

Acq: 11 Nov 2022 04:27

Tgt Ion: 97 Resp: 3068

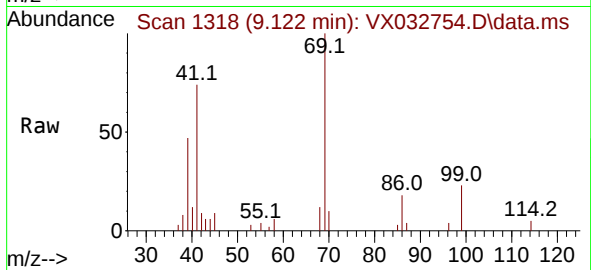
Ion	Ratio	Lower	Upper
97	100		
83	86.2	62.2	93.4
85	62.8	44.2	66.2
99	61.7	49.7	74.5





#51
Ethyl methacrylate
Concen: 1.942 ug/l
RT: 9.122 min Scan# 1317
Delta R.T. 0.006 min
Lab File: VX032754.D
Acq: 11 Nov 2022 04:27

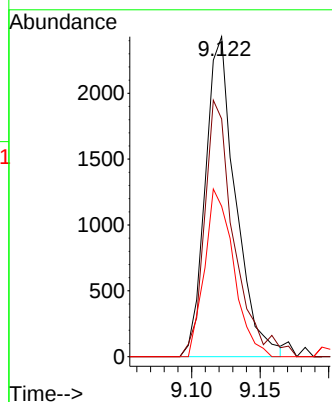
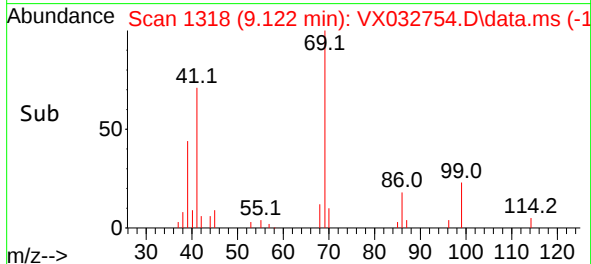
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2022



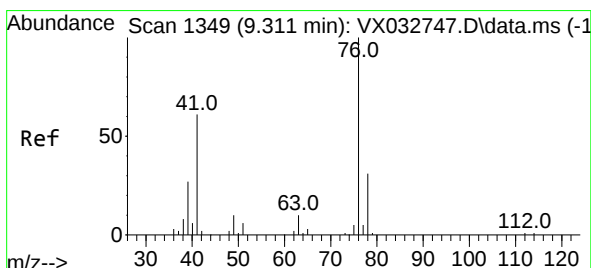
Tgt Ion: 69 Resp: 373
Ion Ratio Lower Upper
69 100
41 74.3 25.9 77.7
39 47.0 17.8 53.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

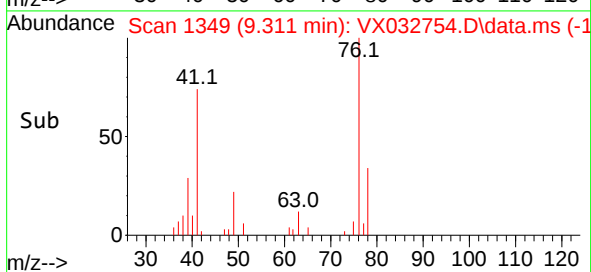
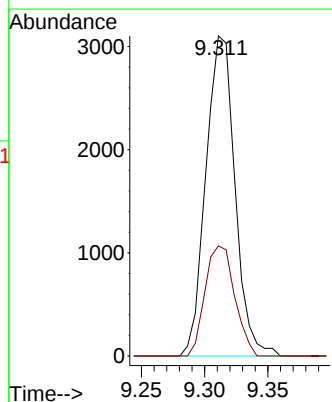
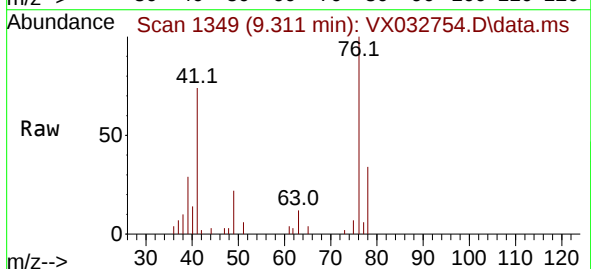


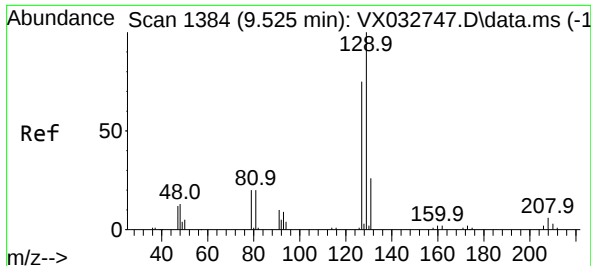
Supervised By :Mahesh
Dadoda
11/11/2022



#52
1,3-Dichloropropane
Concen: 2.365 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VX032754.D
Acq: 11 Nov 2022 04:27

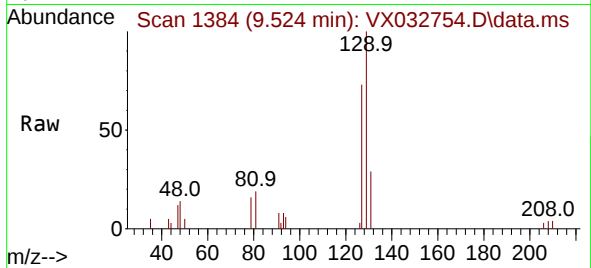
Tgt Ion: 76 Resp: 4975
Ion Ratio Lower Upper
76 100
78 34.8 0.0 66.0





#53
Dibromochloromethane
Concen: 2.124 ug/l
RT: 9.524 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032754.D
Acq: 11 Nov 2022 04:27

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

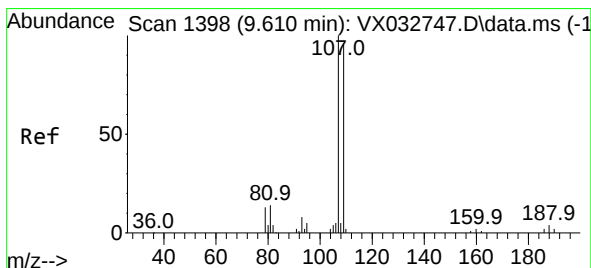
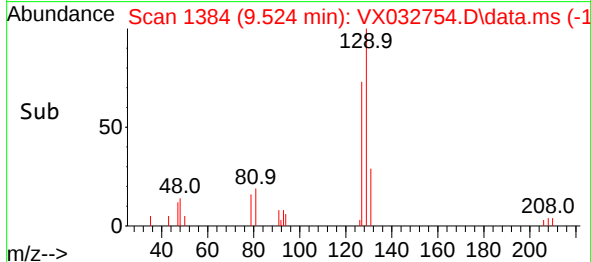
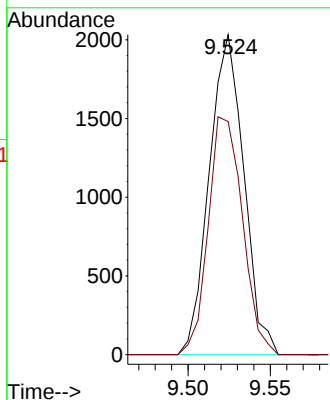


Tgt Ion:129 Resp: 2972
Ion Ratio Lower Upper
129 100
127 73.6 39.0 117.0

Manual Integrations
APPROVED

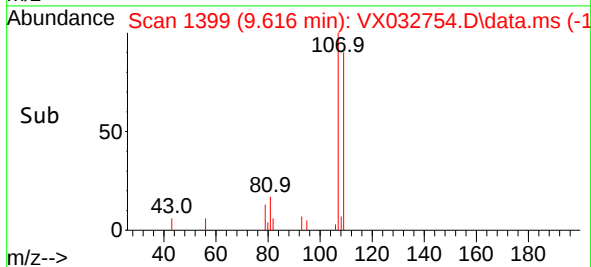
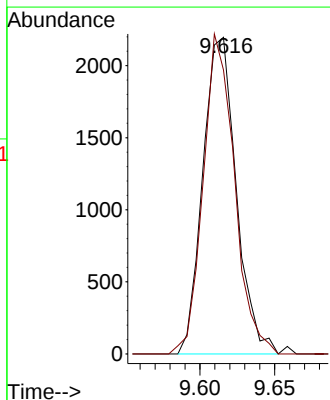
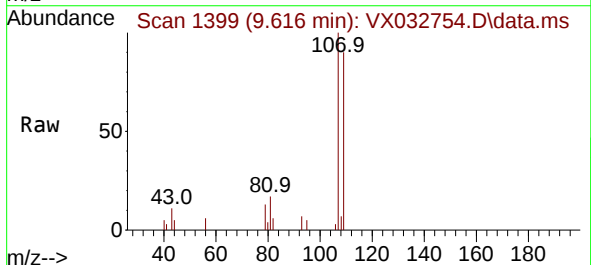
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

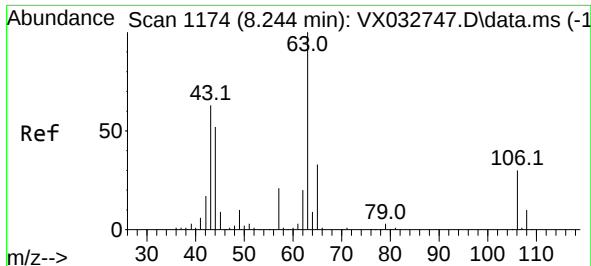
Supervised By :Mahesh
Dadoda
11/11/2022



#54
1,2-Dibromoethane
Concen: 2.461 ug/l
RT: 9.616 min Scan# 1399
Delta R.T. 0.006 min
Lab File: VX032754.D
Acq: 11 Nov 2022 04:27

Tgt Ion:107 Resp: 3411
Ion Ratio Lower Upper
107 100
109 94.8 75.0 112.6





#55

2-Chloroethyl vinyl ether

Concen: 11.974 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.000 min

Lab File: VX032754.D

Acq: 11 Nov 2022 04:27

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

Tgt Ion: 63	Resp: 11118
Ion Ratio	Lower Upper
63 100	
65 30.6	25.5 38.3
106 28.8	28.9 43.3

Manual Integrations

APPROVED

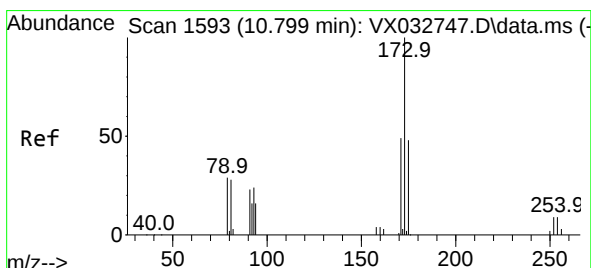
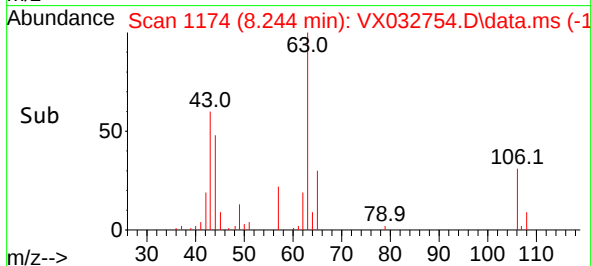
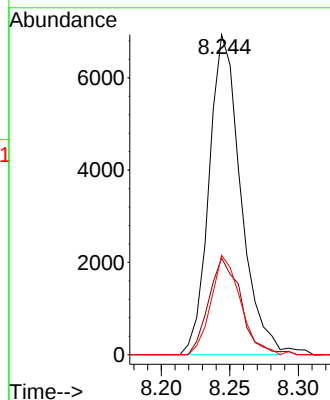
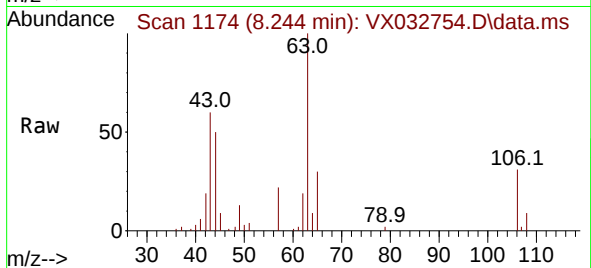
Reviewed By :John Carlone 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022

Supervised By :Mahesh

Dadoda

11/11/2022



#56

Bromoform

Concen: 1.918 ug/l

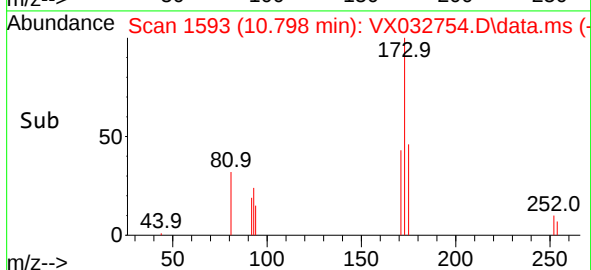
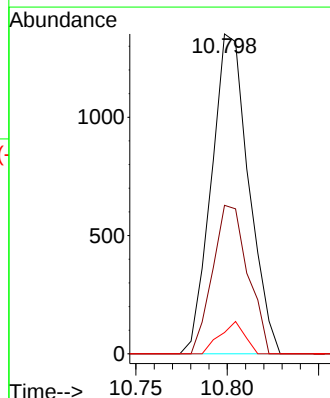
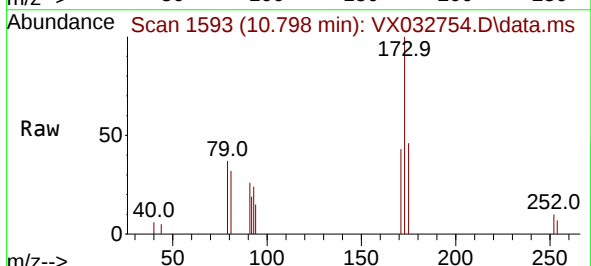
RT: 10.798 min Scan# 1593

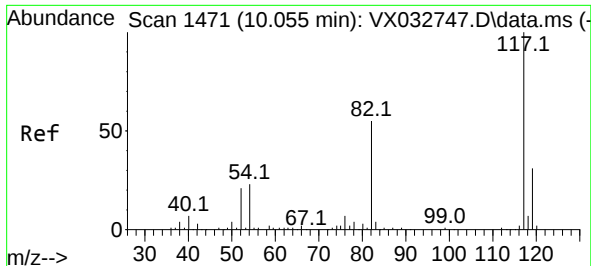
Delta R.T. -0.000 min

Lab File: VX032754.D

Acq: 11 Nov 2022 04:27

Tgt Ion: 173	Resp: 1921
Ion Ratio	Lower Upper
173 100	
175 43.9	38.6 58.0
254 6.7	6.8 10.2





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX032754.D

Acq: 11 Nov 2022 04:27

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

Tgt Ion:	117	Resp:	8317
Ion Ratio	Lower	Upper	
117	100		
82	55.0	40.0	60.0
119	31.9	26.0	39.0

Manual Integrations

APPROVED

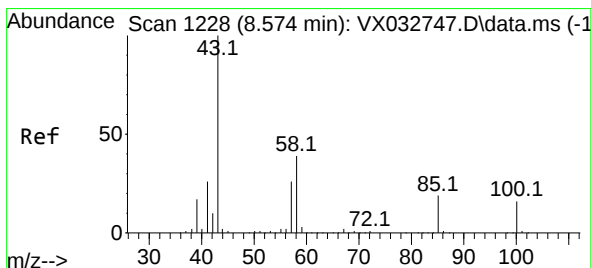
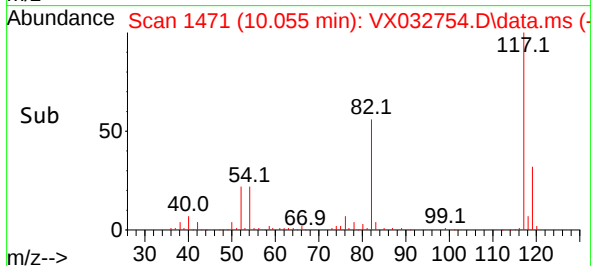
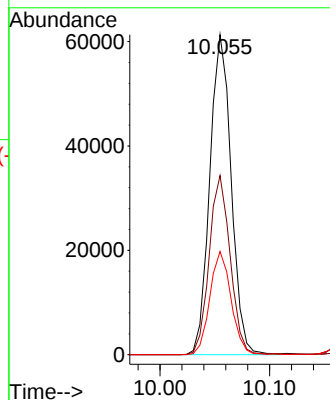
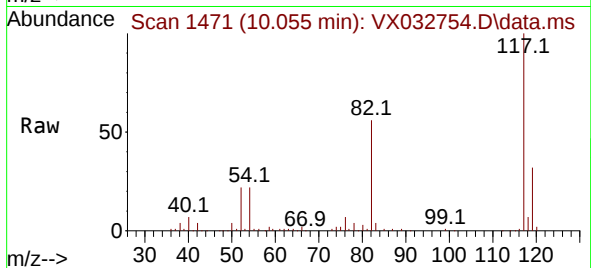
Reviewed By :John Carlone 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022

Supervised By :Mahesh

Dadoda

11/11/2022



#58

4-Methyl-2-Pentanone

Concen: 12.259 ug/l

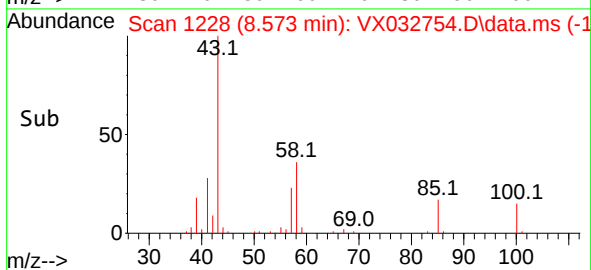
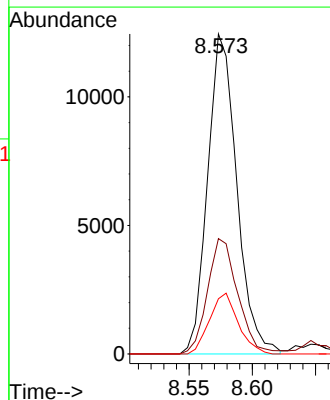
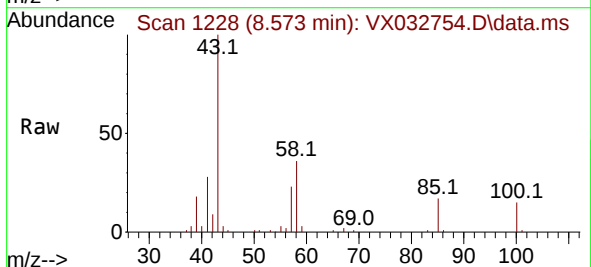
RT: 8.573 min Scan# 1228

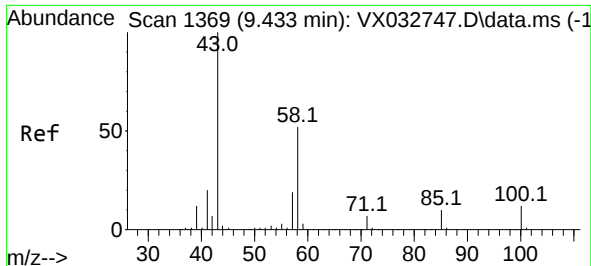
Delta R.T. -0.000 min

Lab File: VX032754.D

Acq: 11 Nov 2022 04:27

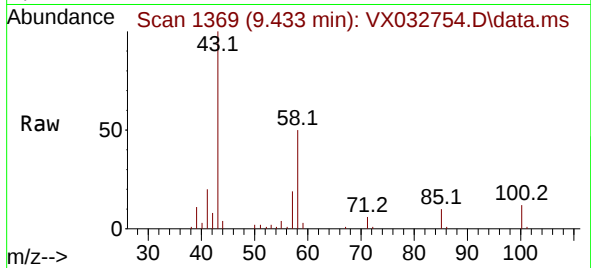
Tgt Ion:	43	Resp:	19960
Ion Ratio	Lower	Upper	
43	100		
58	37.5	34.9	52.3
85	18.6	19.4	29.2





#59
2-Hexanone
Concen: 12.040 ug/l
RT: 9.433 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032754.D
Acq: 11 Nov 2022 04:27

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

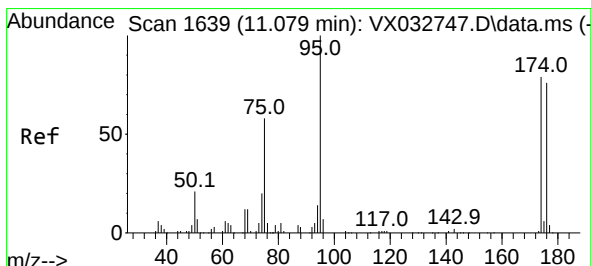
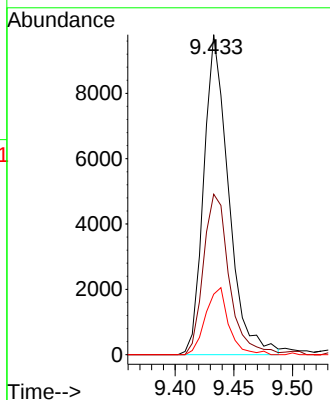
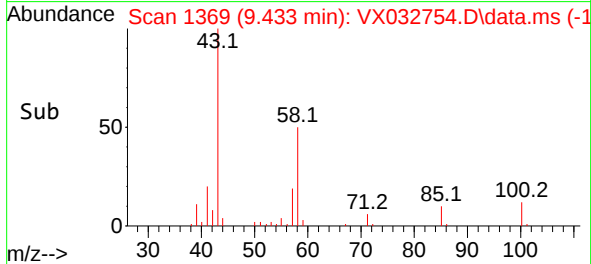


Tgt Ion: 43 Resp: 14434
Ion Ratio Lower Upper
43 100
58 51.9 49.0 73.6
57 19.2 17.0 25.4

Manual Integrations
APPROVED

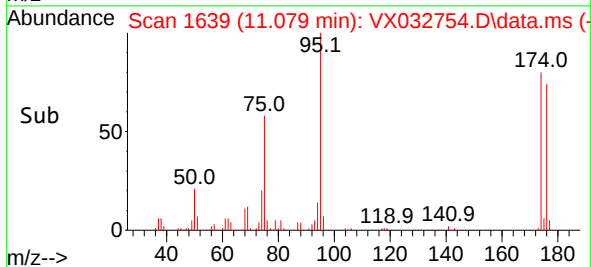
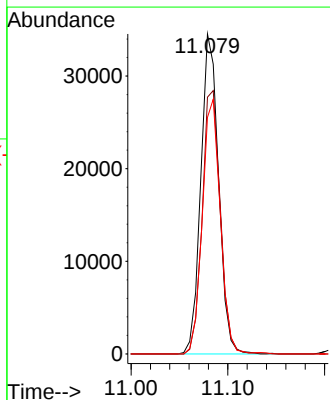
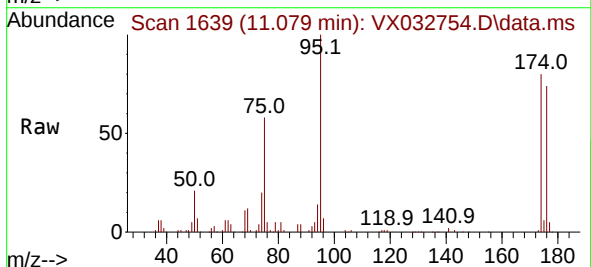
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

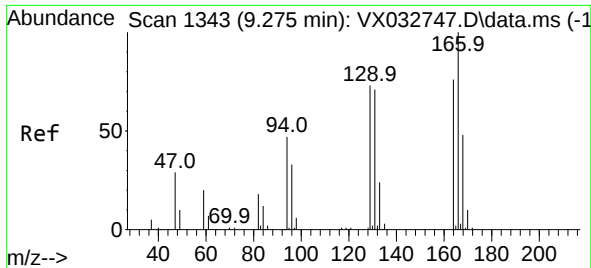
Supervised By :Mahesh
Dadoda
11/11/2022



#60
4-Bromofluorobenzene
Concen: 27.794 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX032754.D
Acq: 11 Nov 2022 04:27

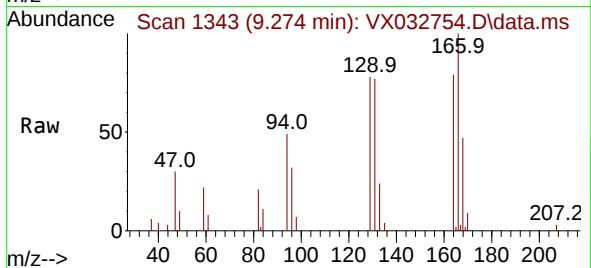
Tgt Ion: 95 Resp: 44221
Ion Ratio Lower Upper
95 100
174 83.7 68.2 102.2
176 80.4 68.1 102.1





#61
Tetrachloroethene
Concen: 2.503 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX032754.D
Acq: 11 Nov 2022 04:27

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

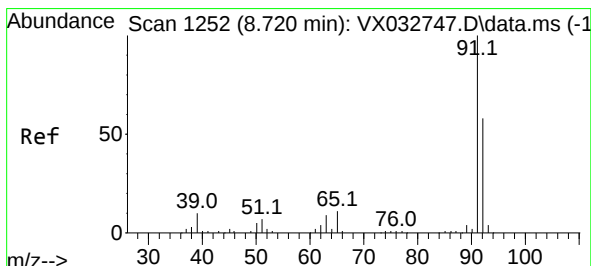
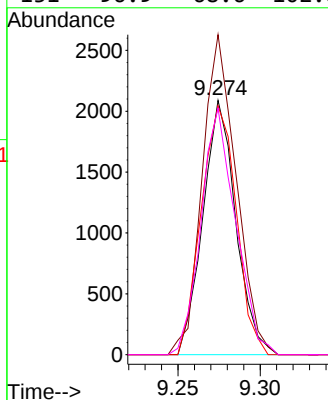
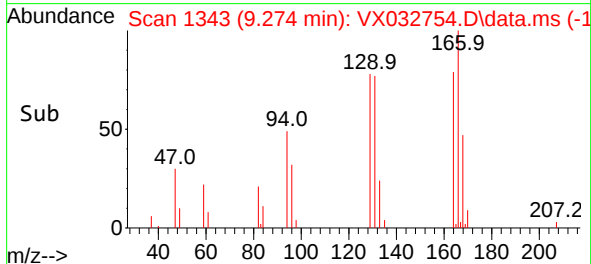


Tgt Ion:164 Resp: 2909
Ion Ratio Lower Upper
164 100
166 125.8 102.8 154.2
129 97.9 73.0 109.4
131 96.9 68.6 102.8

Manual Integrations
APPROVED

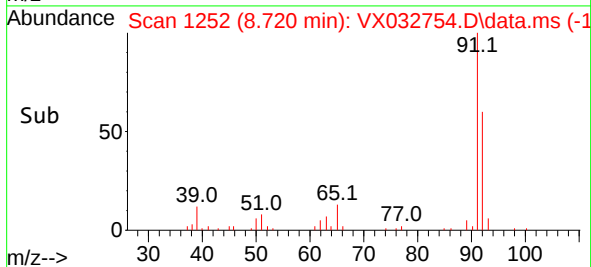
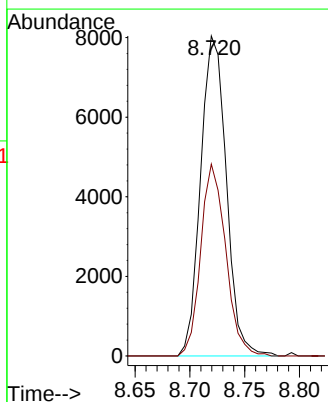
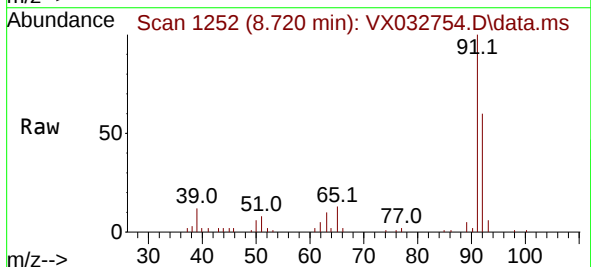
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

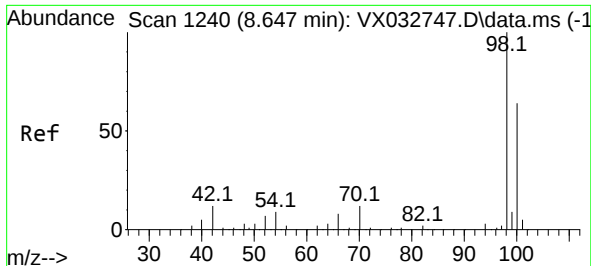
Supervised By :Mahesh
Dadoda
11/11/2022



#62
Toluene
Concen: 2.428 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX032754.D
Acq: 11 Nov 2022 04:27

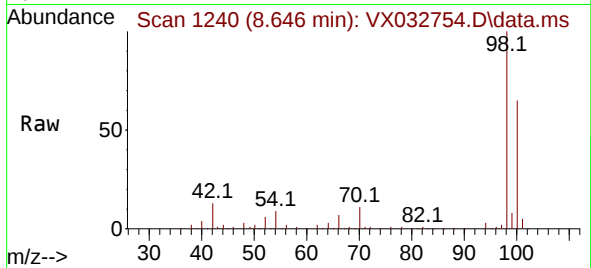
Tgt Ion: 91 Resp: 13131
Ion Ratio Lower Upper
91 100
92 58.2 47.3 70.9





#63
Toluene-d8
Concen: 30.199 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032754.D
Acq: 11 Nov 2022 04:27

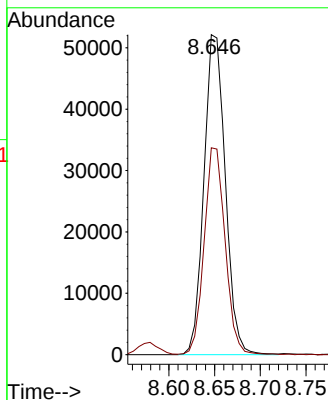
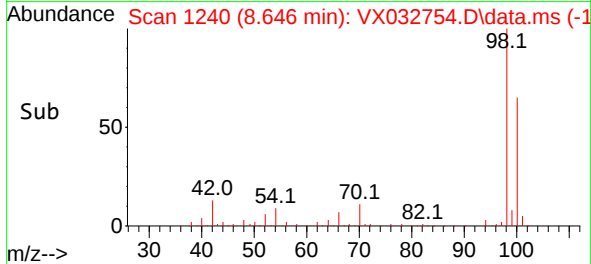
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



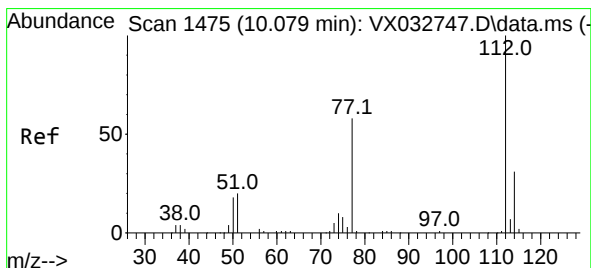
Tgt Ion: 98 Resp: 84769
Ion Ratio Lower Upper
98 100
100 63.4 53.8 80.8

Manual Integrations
APPROVED

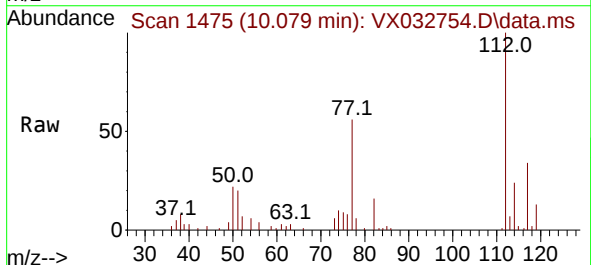
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



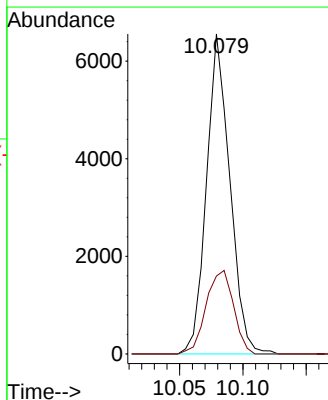
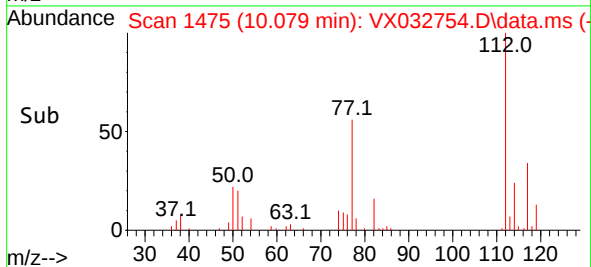
Supervised By :Mahesh
Dadoda
11/11/2022

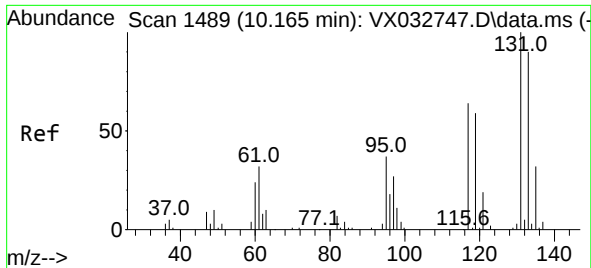


#64
Chlorobenzene
Concen: 2.516 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX032754.D
Acq: 11 Nov 2022 04:27



Tgt Ion:112 Resp: 8415
Ion Ratio Lower Upper
112 100
114 24.3 25.7 38.5#





#65
1,1,1,2-Tetrachloroethane
Concen: 2.276 ug/l
RT: 10.164 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX032754.D
Acq: 11 Nov 2022 04:27

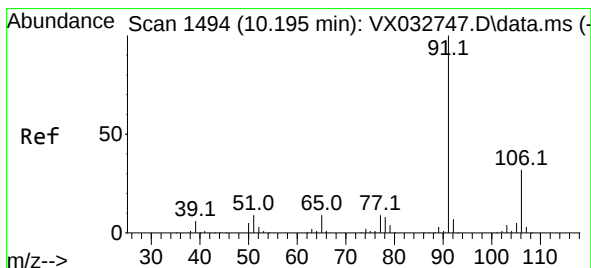
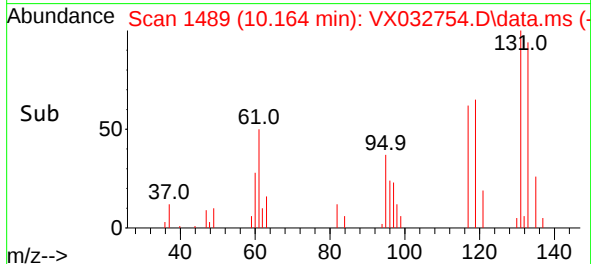
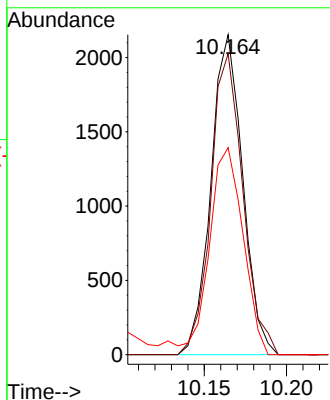
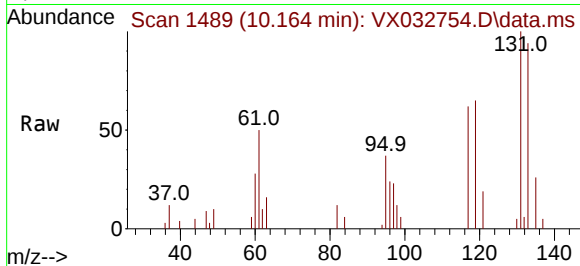
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2022

Tgt Ion:131 Resp: 2900
Ion Ratio Lower Upper
131 100
133 94.6 0.0 189.4
119 67.9 0.0 127.0

Manual Integrations
APPROVED

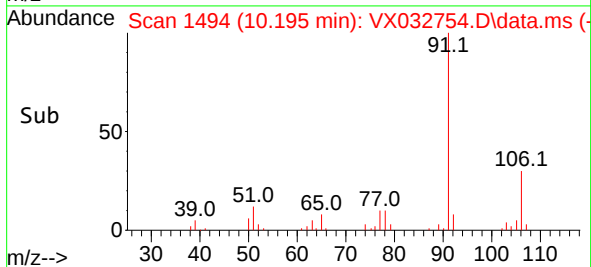
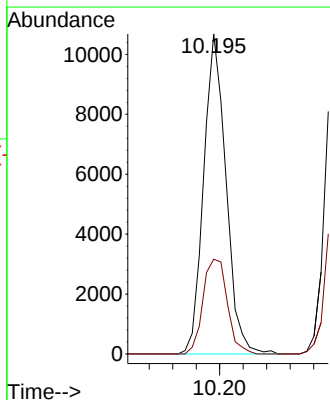
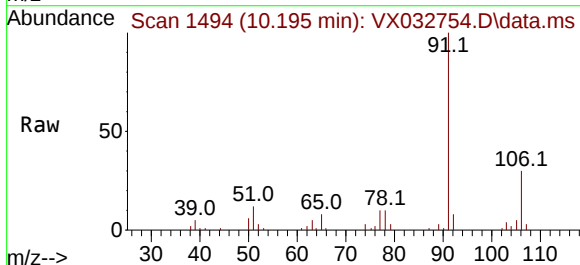
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

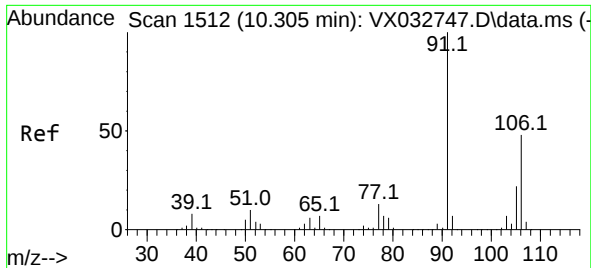
Supervised By :Mahesh
Dadoda
11/11/2022



#66
Ethyl Benzene
Concen: 2.324 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX032754.D
Acq: 11 Nov 2022 04:27

Tgt Ion: 91 Resp: 14103
Ion Ratio Lower Upper
91 100
106 29.6 26.7 40.1





#67
m/p-Xylenes
Concen: 4.554 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX032754.D
Acq: 11 Nov 2022 04:27

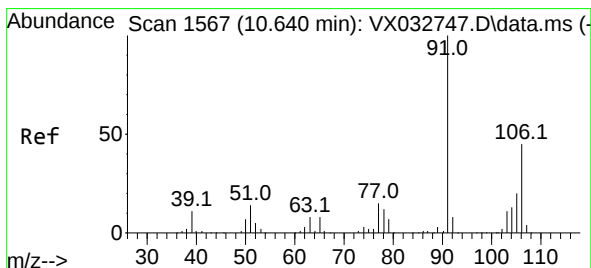
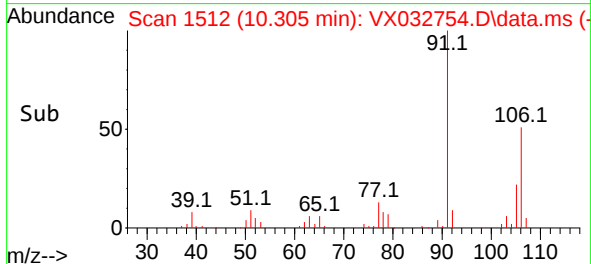
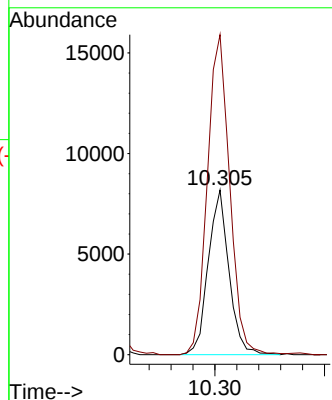
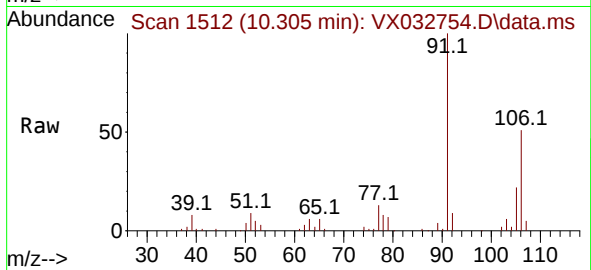
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

Tgt Ion:106 Resp: 1075
Ion Ratio Lower Upper
106 100
91 208.6 152.3 228.5

Manual Integrations
APPROVED

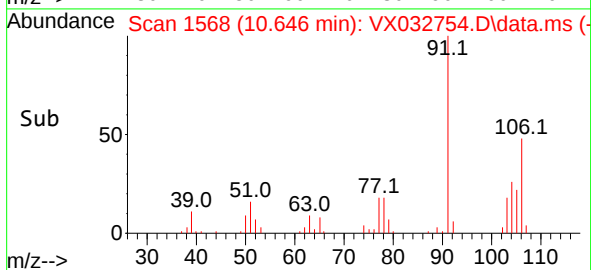
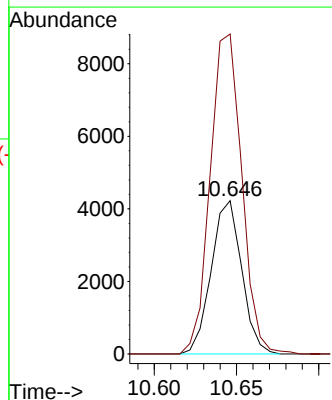
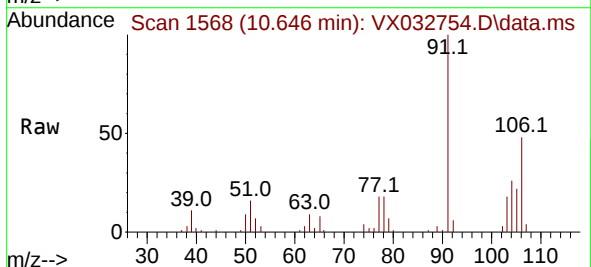
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

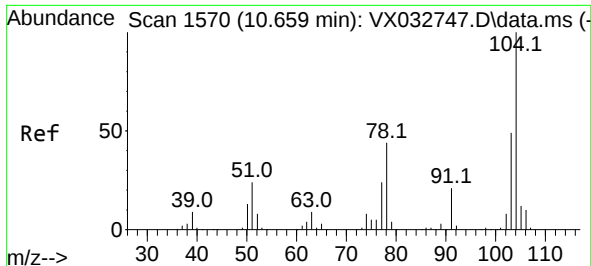
Supervised By :Mahesh
Dadoda
11/11/2022



#68
o-Xylene
Concen: 2.351 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX032754.D
Acq: 11 Nov 2022 04:27

Tgt Ion:106 Resp: 5446
Ion Ratio Lower Upper
106 100
91 216.5 101.9 305.7





#69
Styrene
Concen: 2.167 ug/l
RT: 10.658 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX032754.D
Acq: 11 Nov 2022 04:27

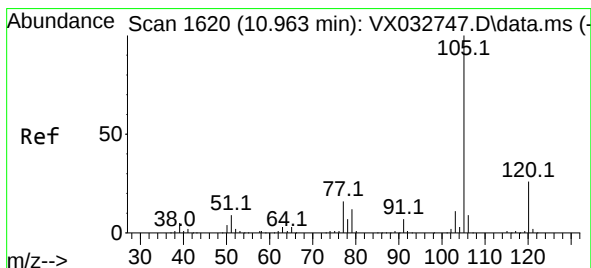
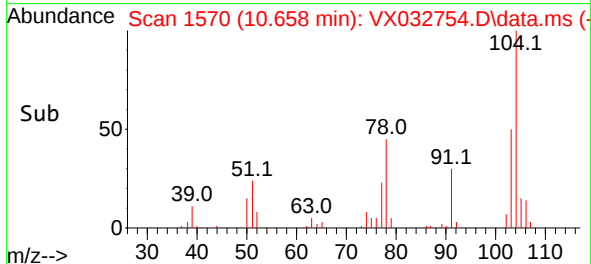
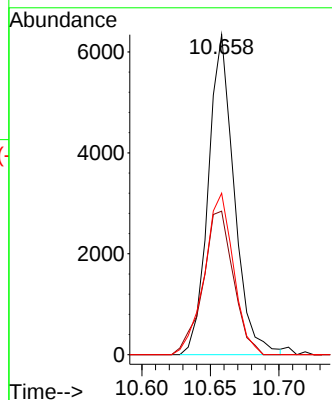
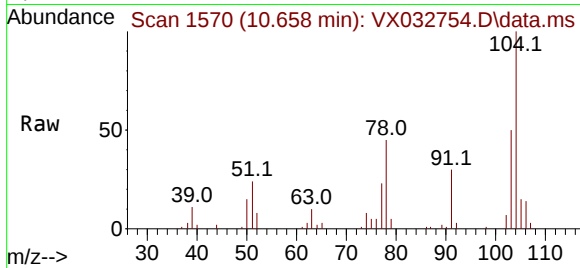
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2022

Tgt Ion:104 Resp: 8345
Ion Ratio Lower Upper
104 100
78 52.5 36.6 55.0
103 56.1 43.3 64.9

Manual Integrations APPROVED

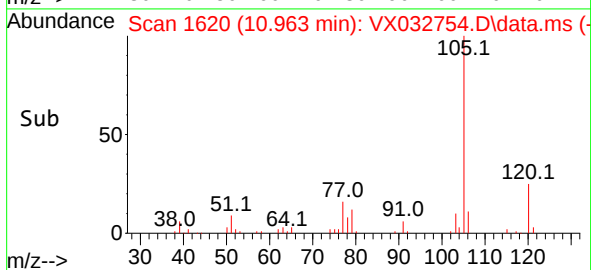
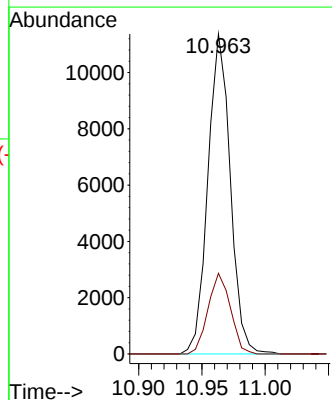
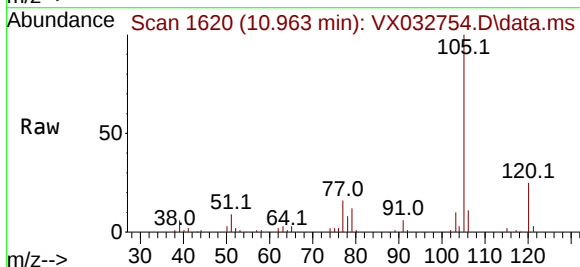
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

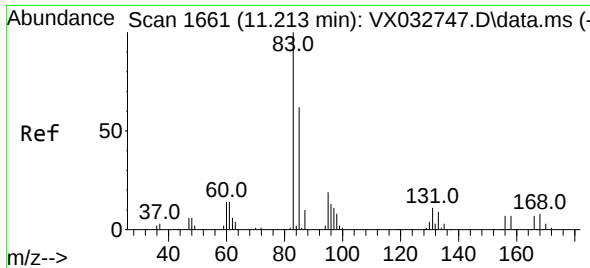
Supervised By :Mahesh
Dadoda
11/11/2022



#70
Isopropylbenzene
Concen: 2.264 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX032754.D
Acq: 11 Nov 2022 04:27

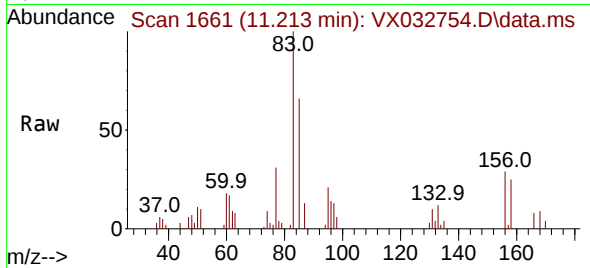
Tgt Ion:105 Resp: 14006
Ion Ratio Lower Upper
105 100
120 25.1 19.3 35.9





#71
1,1,2,2-Tetrachloroethane
Concen: 2.348 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX032754.D
Acq: 11 Nov 2022 04:27

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

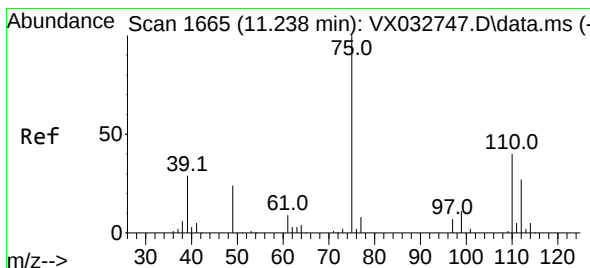
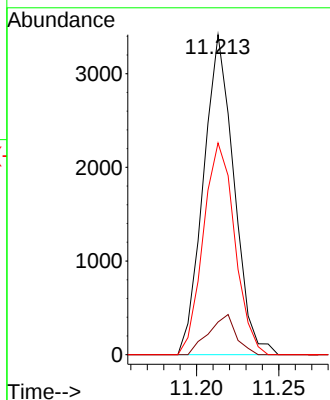
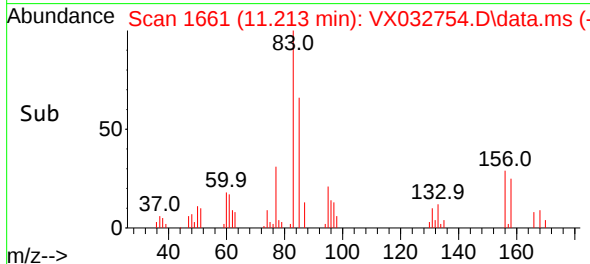


Tgt Ion: 83 Resp: 440
Ion Ratio Lower Upper
83 100
131 11.2 6.0 18.1
85 68.3 32.8 98.3

Manual Integrations
APPROVED

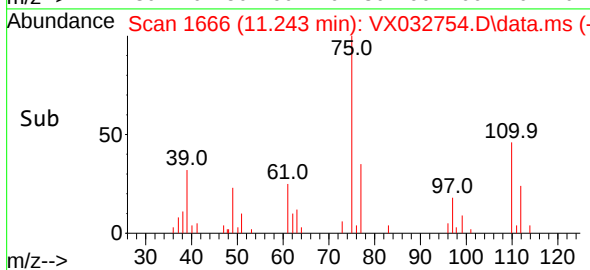
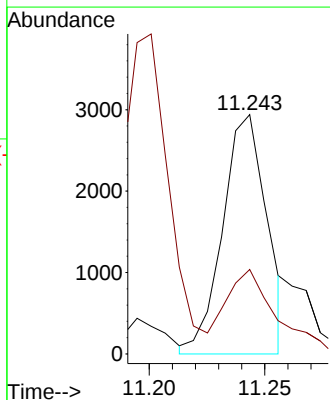
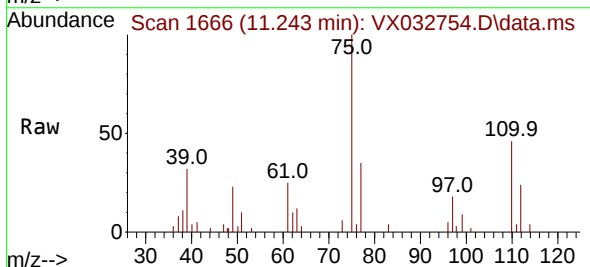
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

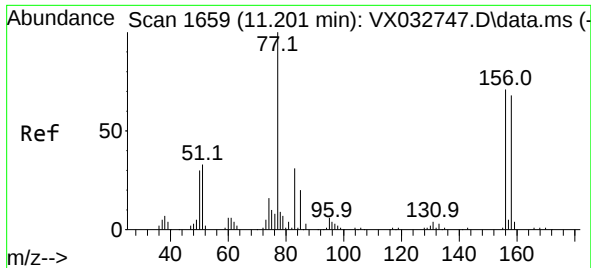
Supervised By :Mahesh
Dadoda
11/11/2022



#72
1,2,3-Trichloropropane
Concen: 2.393 ug/l m
RT: 11.243 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VX032754.D
Acq: 11 Nov 2022 04:27

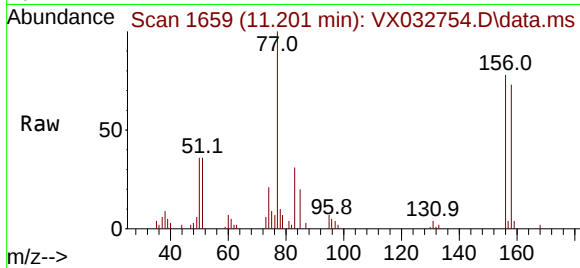
Tgt Ion: 75 Resp: 3899
Ion Ratio Lower Upper
75 100
77 40.4 0.0 76.6





#73
Bromobenzene
Concen: 2.597 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. -0.000 min
Lab File: VX032754.D
Acq: 11 Nov 2022 04:27

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

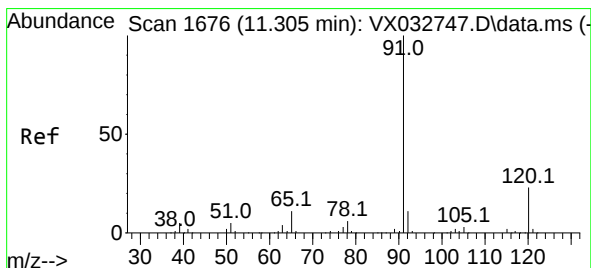
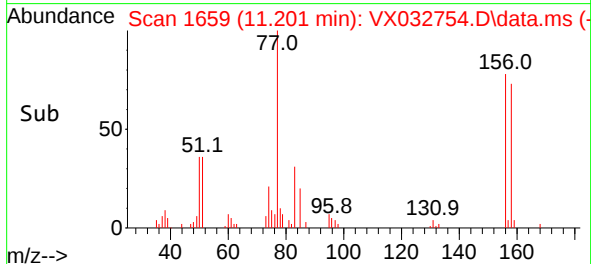
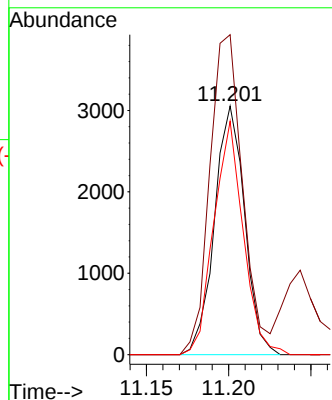


Tgt Ion: 156 Resp: 390
Ion Ratio Lower Upper
156 100
77 140.0 0.0 259.2
158 91.6 0.0 193.2

Manual Integrations
APPROVED

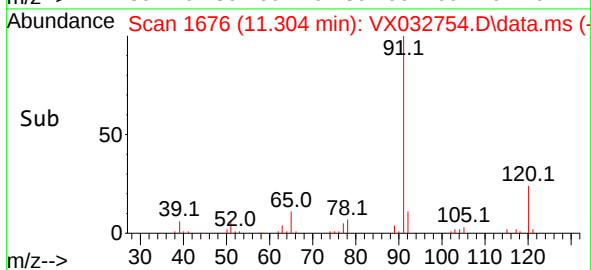
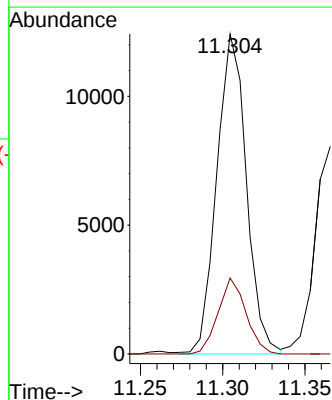
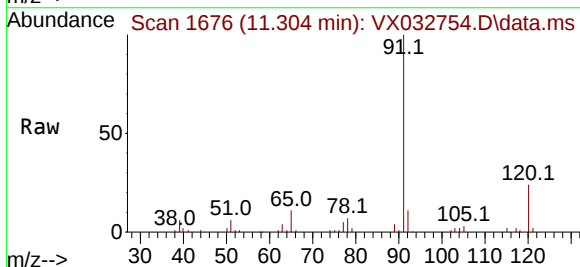
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

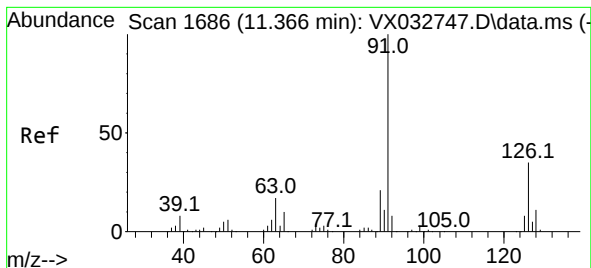
Supervised By :Mahesh
Dadoda
11/11/2022



#74
n-propylbenzene
Concen: 2.210 ug/l
RT: 11.304 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX032754.D
Acq: 11 Nov 2022 04:27

Tgt Ion: 91 Resp: 15533
Ion Ratio Lower Upper
91 100
120 22.3 0.0 51.0





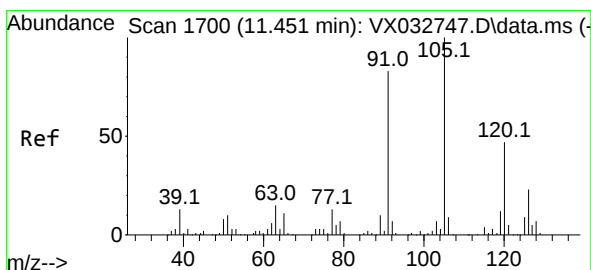
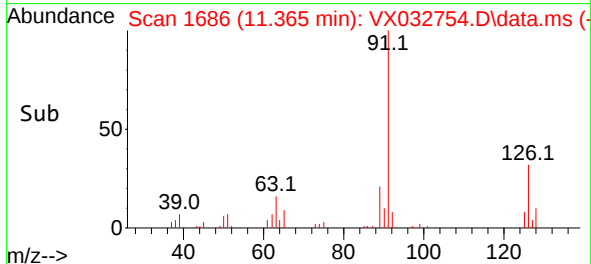
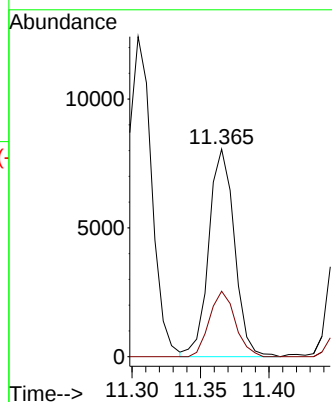
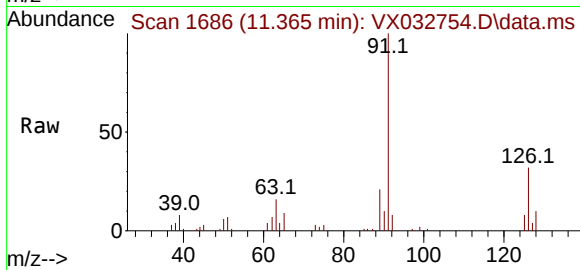
#75
2-Chlorotoluene
Concen: 2.463 ug/l
RT: 11.365 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX032754.D
Acq: 11 Nov 2022 04:27

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

Tgt Ion: 91 Resp: 1048
Ion Ratio Lower Upper
91 100
126 31.7 0.0 76.4

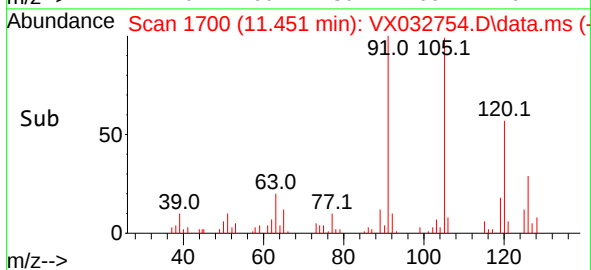
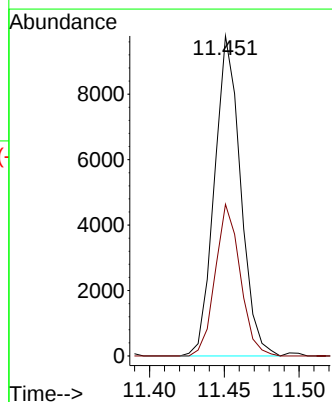
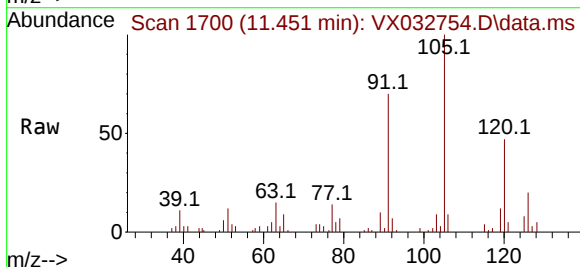
Manual Integrations
APPROVED

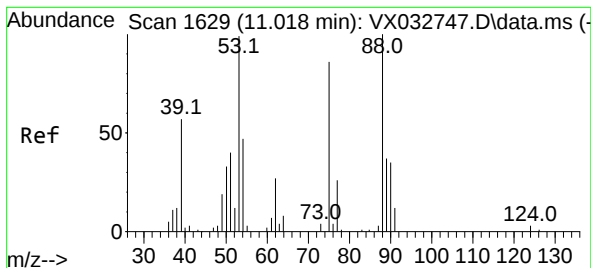
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#76
1,3,5-Trimethylbenzene
Concen: 2.275 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX032754.D
Acq: 11 Nov 2022 04:27

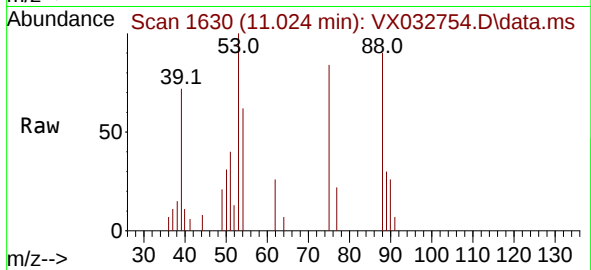
Tgt Ion:105 Resp: 11896
Ion Ratio Lower Upper
105 100
120 45.2 0.0 100.6





#77
t-1,4-Dichloro-2-butene
Concen: 1.643 ug/l
RT: 11.024 min Scan# 1629
Delta R.T. 0.006 min
Lab File: VX032754.D
Acq: 11 Nov 2022 04:27

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

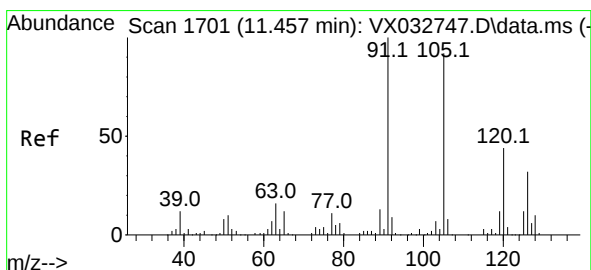
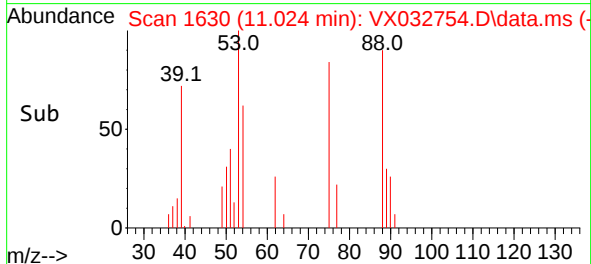
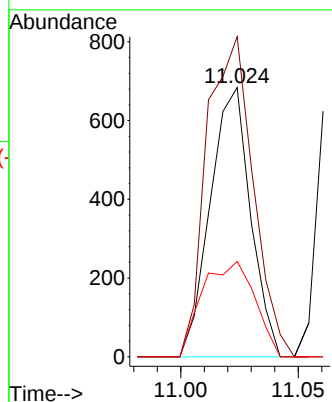


Tgt Ion: 75 Resp: 81
Ion Ratio Lower Upper
75 100
53 118.9 51.8 155.4
89 35.4 22.9 68.8

Manual Integrations
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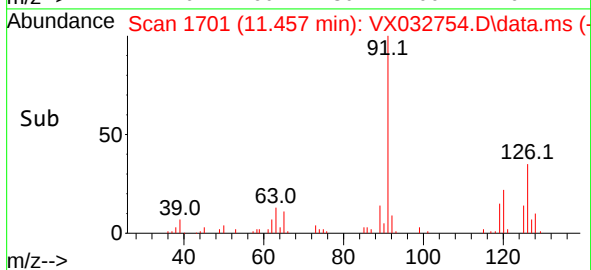
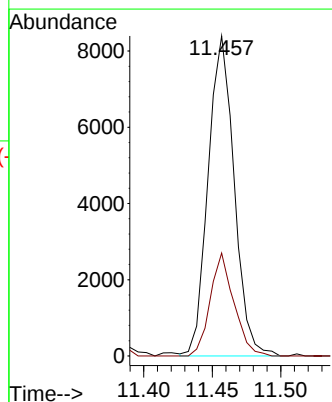
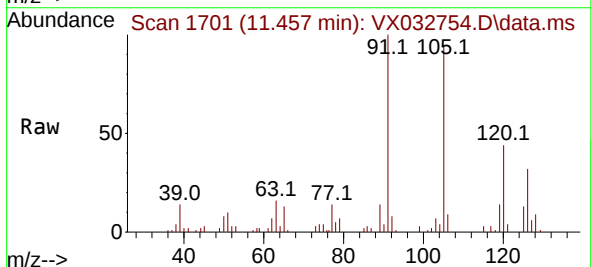
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

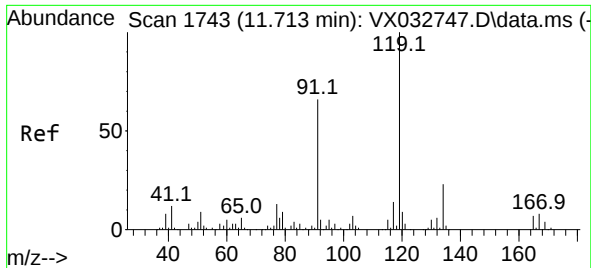
Supervised By :Mahesh
Dadoda
11/11/2022



#78
4-Chlorotoluene
Concen: 2.264 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX032754.D
Acq: 11 Nov 2022 04:27

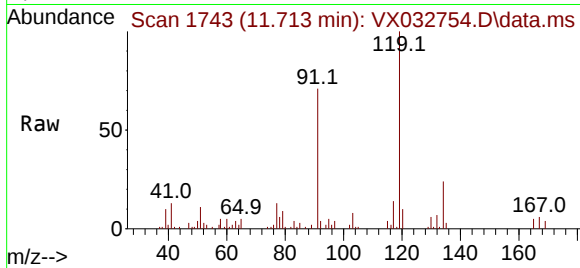
Tgt Ion: 91 Resp: 11100
Ion Ratio Lower Upper
91 100
126 29.2 0.0 67.0





#79
tert-butylbenzene
Concen: 2.273 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX032754.D
Acq: 11 Nov 2022 04:27

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

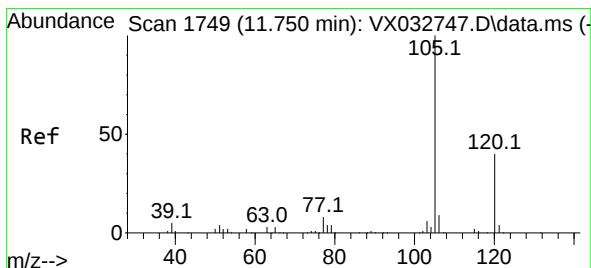
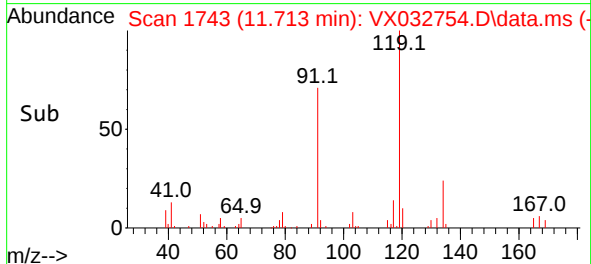
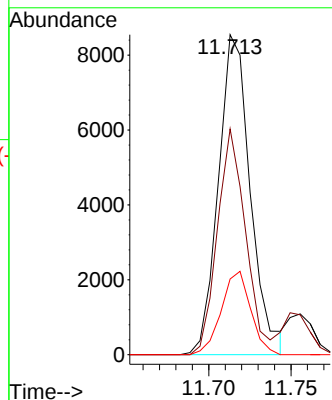


Tgt Ion:119 Resp: 1155
Ion Ratio Lower Upper
119 100
91 62.2 0.0 112.0
134 24.1 0.0 51.0

Manual Integrations
APPROVED

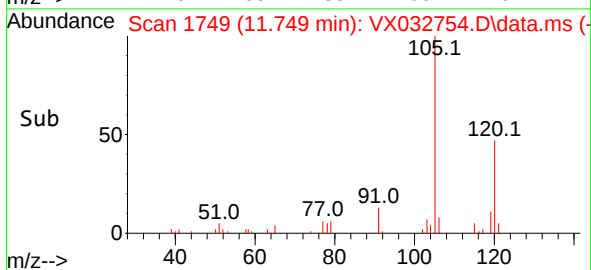
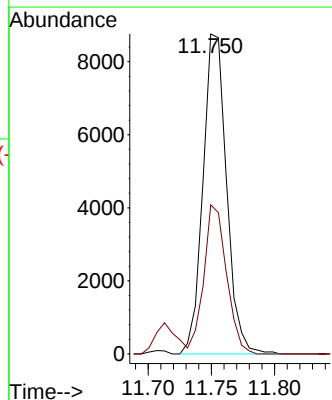
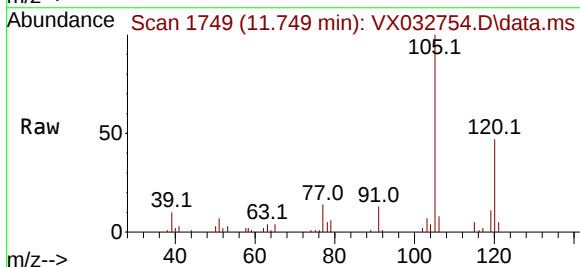
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

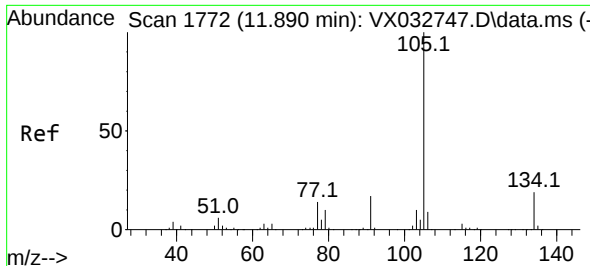
Supervised By :Mahesh
Dadoda
11/11/2022



#80
1,2,4-Trimethylbenzene
Concen: 2.229 ug/l
RT: 11.749 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX032754.D
Acq: 11 Nov 2022 04:27

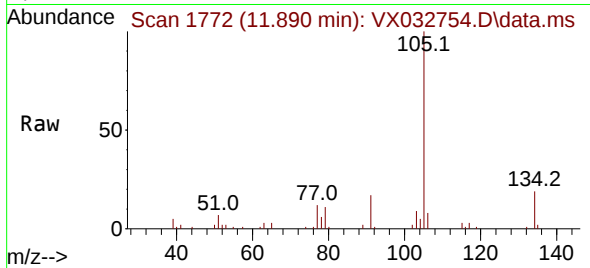
Tgt Ion:105 Resp: 11396
Ion Ratio Lower Upper
105 100
120 44.9 0.0 95.0





#81
 sec-Butylbenzene
 Concen: 2.226 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX032754.D
 Acq: 11 Nov 2022 04:27

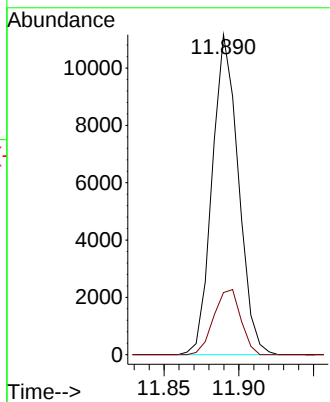
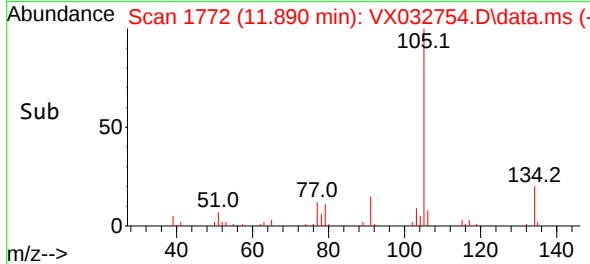
Instrument : MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2022



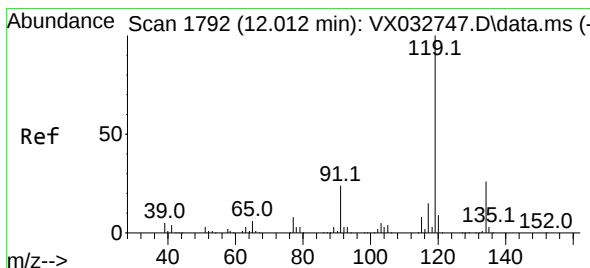
Tgt Ion:105 Resp: 13618
 Ion Ratio Lower Upper
 105 100
 134 21.0 0.0 44.4

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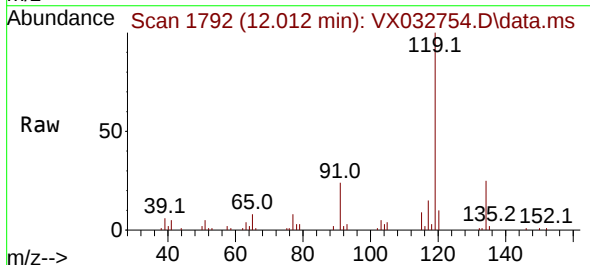
Reviewed By :John Carlone 11/11/2022
 Supervised By :Mahesh Dadoda 11/11/2022



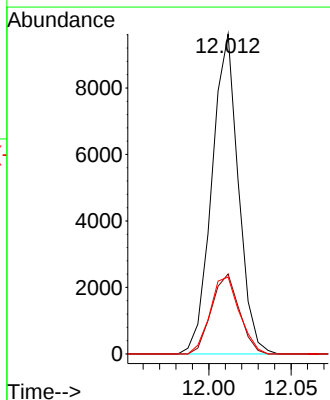
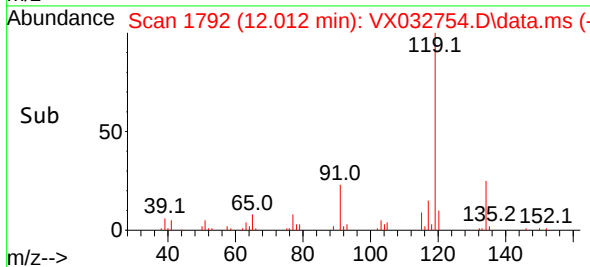
Supervised By :Mahesh
 Dadoda
 11/11/2022

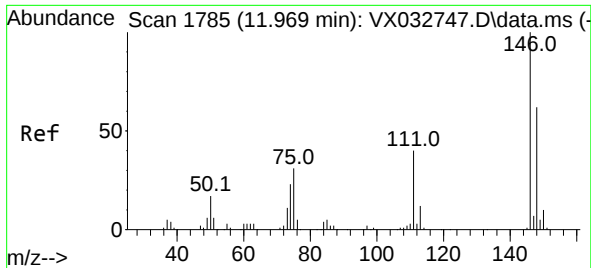


#82
 p-Isopropyltoluene
 Concen: 2.090 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX032754.D
 Acq: 11 Nov 2022 04:27



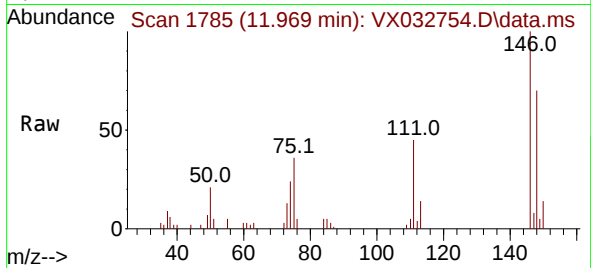
Tgt Ion:119 Resp: 10780
 Ion Ratio Lower Upper
 119 100
 134 26.0 0.0 55.4
 91 26.8 0.0 45.6





#83
1,3-Dichlorobenzene
Concen: 2.272 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX032754.D
Acq: 11 Nov 2022 04:27

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

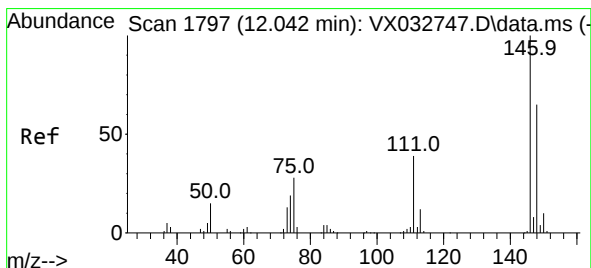
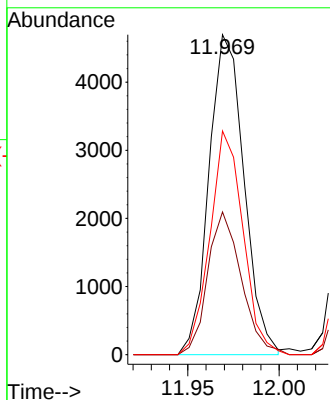
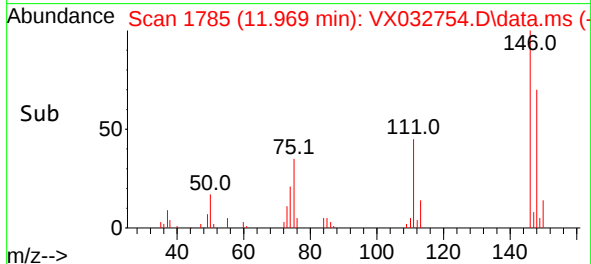


Tgt Ion:146 Resp: 6264
Ion Ratio Lower Upper
146 100
111 42.9 19.4 58.1
148 66.2 32.6 97.7

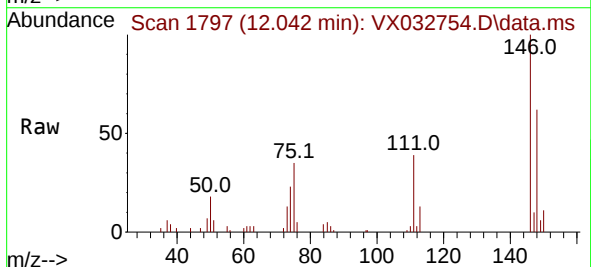
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

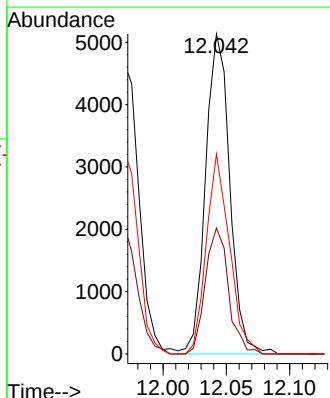
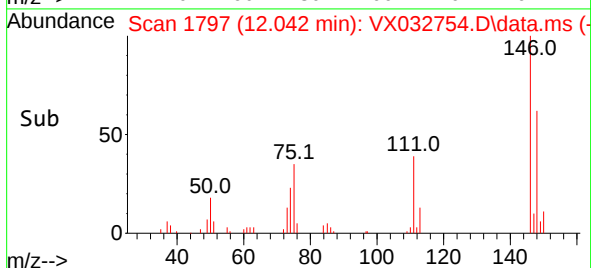
Supervised By :Mahesh
Dadoda
11/11/2022

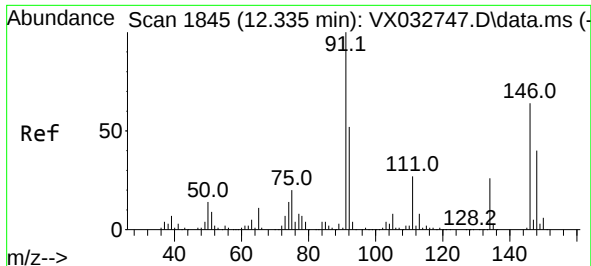


#84
1,4-Dichlorobenzene
Concen: 2.470 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX032754.D
Acq: 11 Nov 2022 04:27



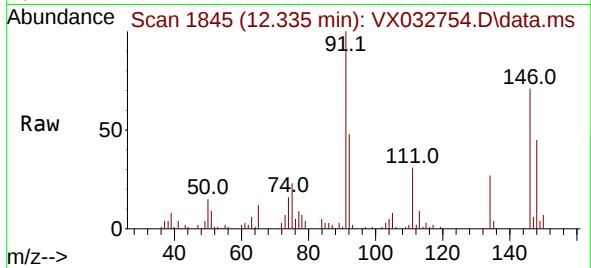
Tgt Ion:146 Resp: 6839
Ion Ratio Lower Upper
146 100
111 37.6 18.9 56.5
148 59.7 31.6 95.0





#85
n-Butylbenzene
Concen: 2.033 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX032754.D
Acq: 11 Nov 2022 04:27

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

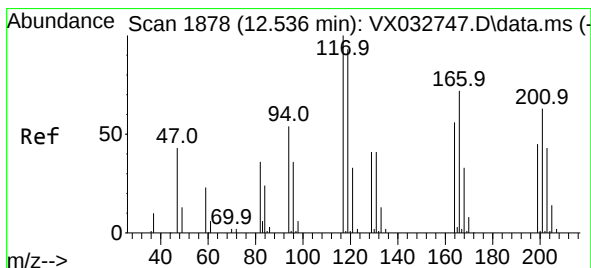
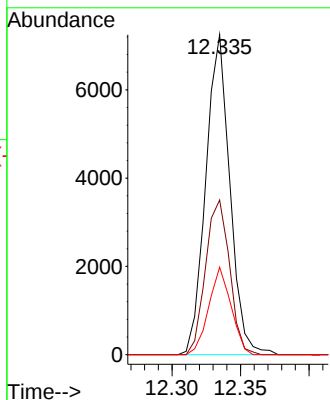
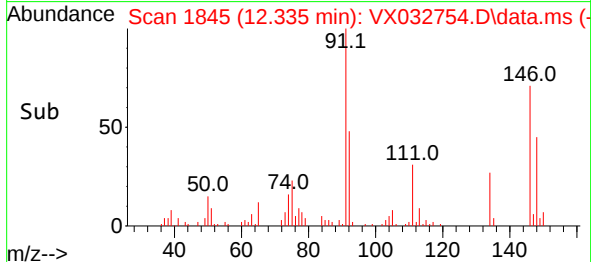


Tgt Ion: 91 Resp: 888
Ion Ratio Lower Upper
91 100
92 48.1 0.0 108.4
134 25.3 0.0 60.6

Manual Integrations
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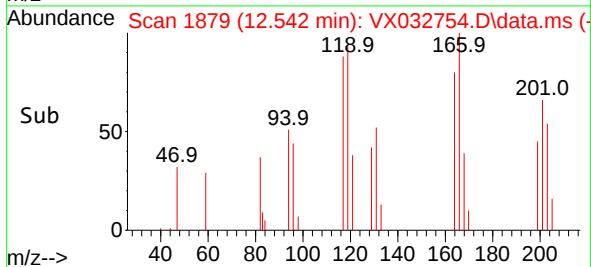
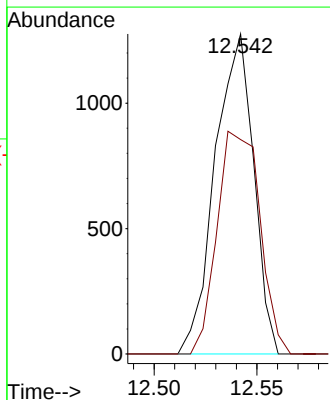
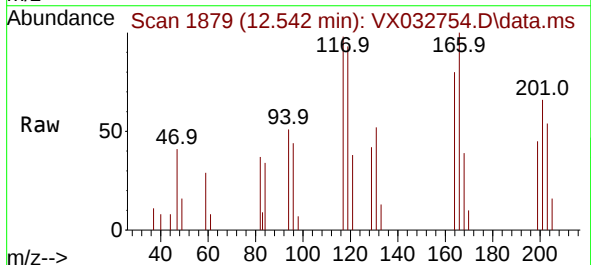
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

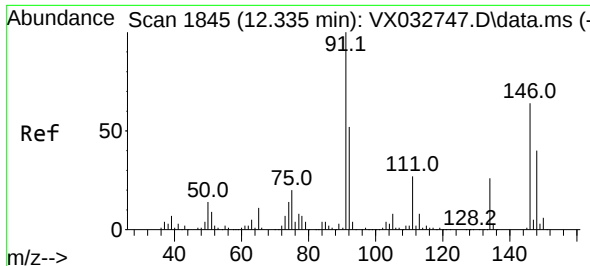
Supervised By :Mahesh
Dadoda
11/11/2022



#86
Hexachloroethane
Concen: 1.964 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.006 min
Lab File: VX032754.D
Acq: 11 Nov 2022 04:27

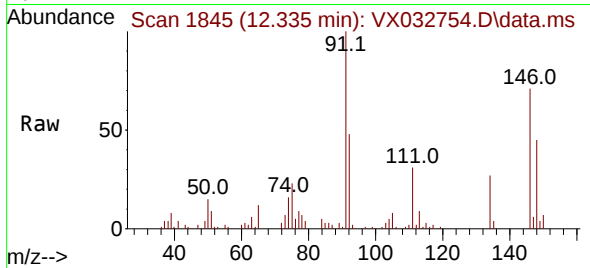
Tgt Ion:117 Resp: 1663
Ion Ratio Lower Upper
117 100
201 77.3 37.7 113.1





#87
1,2-Dichlorobenzene
Concen: 2.291 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX032754.D
Acq: 11 Nov 2022 04:27

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

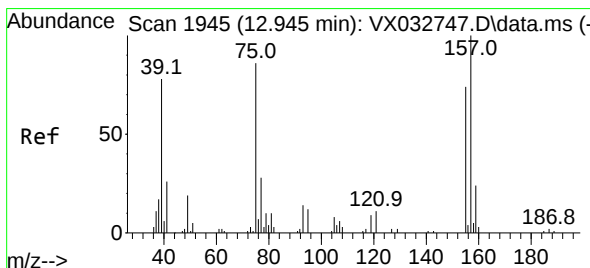
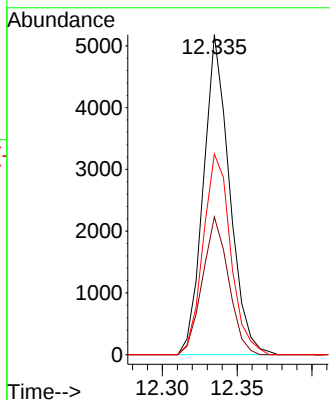
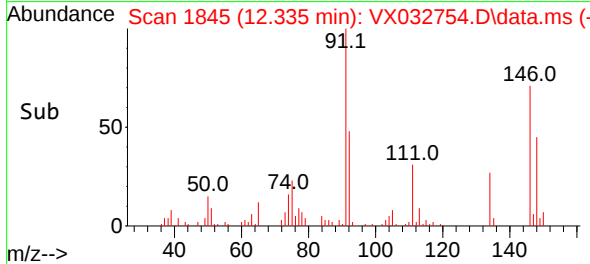


Tgt Ion:146 Resp: 628
Ion Ratio Lower Upper
146 100
111 43.1 20.0 60.0
148 66.1 33.0 99.0

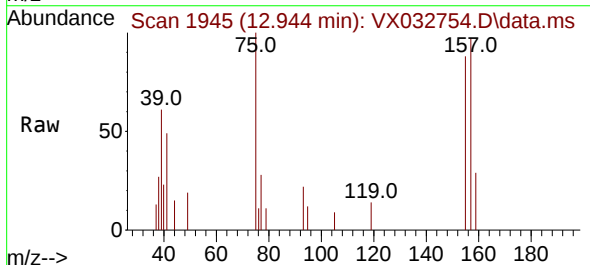
Manual Integrations
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Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

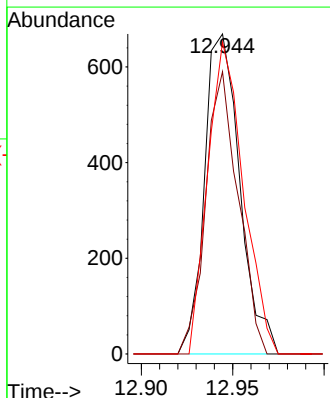
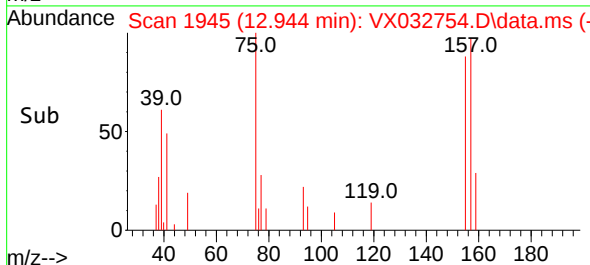
Supervised By :Mahesh
Dadoda
11/11/2022

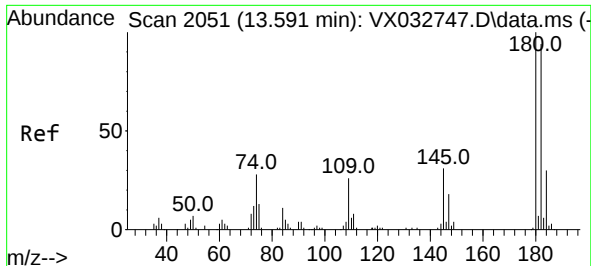


#88
1,2-Dibromo-3-Chloropropane
Concen: 2.266 ug/l
RT: 12.944 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX032754.D
Acq: 11 Nov 2022 04:27



Tgt Ion: 75 Resp: 902
Ion Ratio Lower Upper
75 100
155 81.3 85.0 127.6#
157 98.1 101.0 151.6#





#89

1,2,4-Trichlorobenzene

Concen: 2.253 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. -0.000 min

Lab File: VX032754.D

Acq: 11 Nov 2022 04:27

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

Tgt Ion:180	Resp:	379
Ion Ratio	Lower	Upper
180	100	
182	89.0	75.3 112.9
145	31.0	25.9 38.9

Manual Integrations

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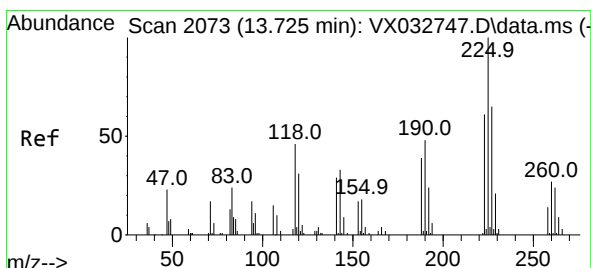
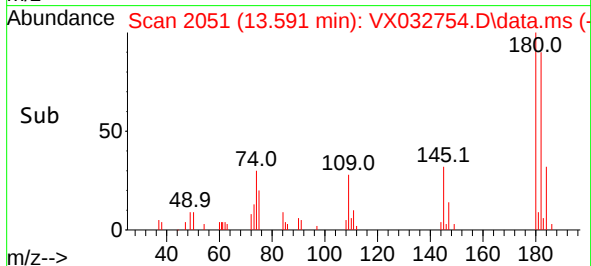
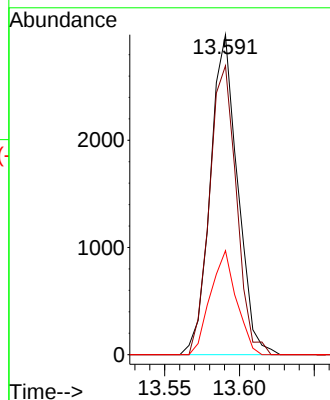
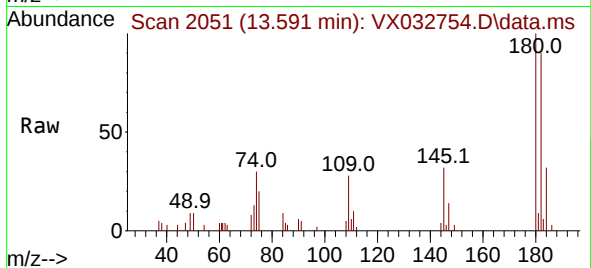
Reviewed By :John Carlone 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022

Supervised By :Mahesh

Dadoda

11/11/2022



#90

Hexachlorobutadiene

Concen: 2.223 ug/l

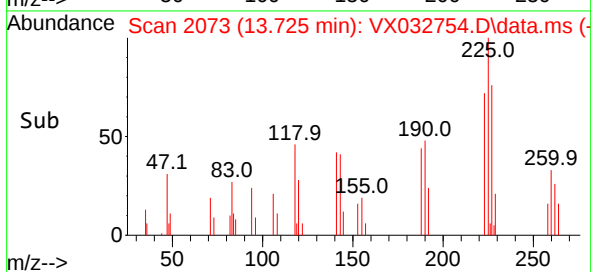
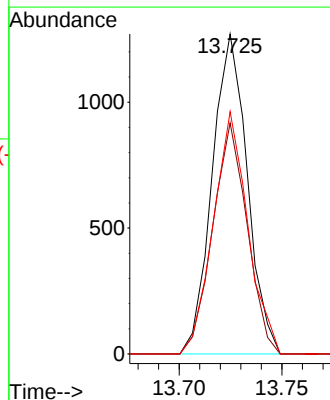
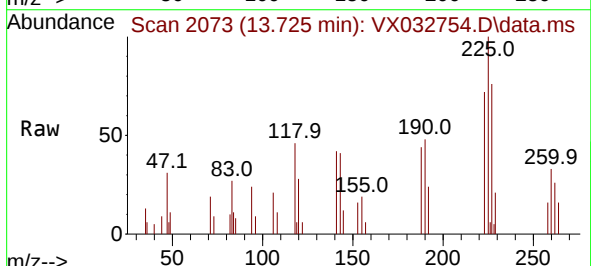
RT: 13.725 min Scan# 2073

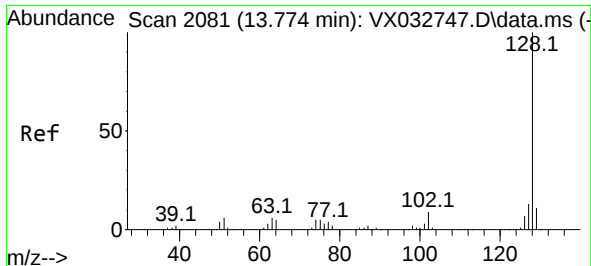
Delta R.T. -0.000 min

Lab File: VX032754.D

Acq: 11 Nov 2022 04:27

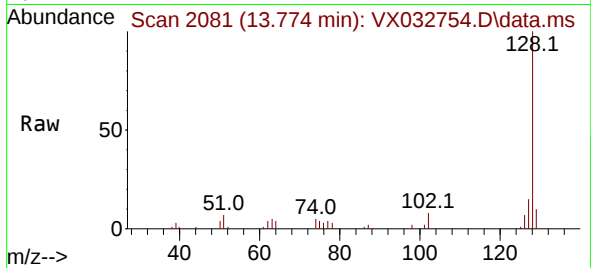
Tgt Ion:225	Resp:	1506
Ion Ratio	Lower	Upper
225	100	
223	70.8	0.0 126.0
227	74.7	0.0 127.6





#91
Naphthalene
Concen: 2.126 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX032754.D
Acq: 11 Nov 2022 04:27

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

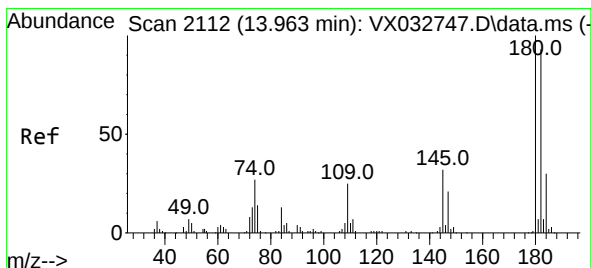
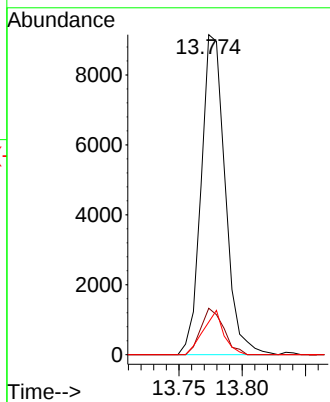
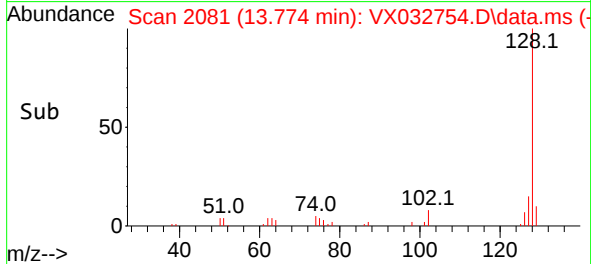


Tgt Ion:128 Resp: 12078
Ion Ratio Lower Upper
128 100
127 13.9 9.9 14.9
129 11.7 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

Supervised By :Mahesh
Dadoda
11/11/2022



#92
1,2,3-Trichlorobenzene
Concen: 2.217 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX032754.D
Acq: 11 Nov 2022 04:27

Tgt Ion:180 Resp: 3753
Ion Ratio Lower Upper
180 100
182 98.3 0.0 199.0
145 32.0 0.0 68.2

