

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111022\
 Data File : VX032755.D
 Acq On : 11 Nov 2022 04:50
 Operator : JC/MD
 Sample : N4955-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT4-2022

Quant Time: Nov 11 05:34:58 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

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

Internal Standards						
1) Bromochloromethane	4.897	128	11240	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	79848	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	84278	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	32734	30.187	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 100.633%			
60) 4-Bromofluorobenzene	11.079	95	46072	28.578	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 95.267%			
63) Toluene-d8	8.653	98	85525	30.070	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.233%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	4934	4.960	ug/l	100
3) Chloromethane	1.294	50	5098	5.164	ug/l	94
4) Vinyl Chloride	1.374	62	5635	5.048	ug/l	96
5) Bromomethane	1.618	94	5765	5.818	ug/l	88
6) Chloroethane	1.685	64	5601	6.353	ug/l #	87
7) Trichlorofluoromethane	1.886	101	12256	5.696	ug/l	91
8) Diethyl Ether	2.130	74	3885	5.584	ug/l	70
9) 1,1,2-Trichlorotrifluo...	2.325	101	5934	5.185	ug/l	95
10) 1,1-Dichloroethene	2.319	96	5759	5.267	ug/l #	82
11) Methyl Iodide	2.453	142	4733	4.026	ug/l	99
12) Methyl Acetate	2.703	43	9006m	5.560	ug/l	
13) Acrolein	2.239	56	5650	26.158	ug/l	99
14) Acrylonitrile	3.068	53	15545	26.772	ug/l	98
15) Acetone	2.392	58	4435	29.373	ug/l	94
16) Carbon Disulfide	2.514	76	13506	4.962	ug/l	99
17) Allyl chloride	2.666	41	8383	4.825	ug/l	87
18) Methylene Chloride	2.794	84	7676	6.087	ug/l	92
19) trans-1,2-Dichloroethene	3.093	96	6429	5.338	ug/l #	81
20) Diisopropyl ether	3.757	45	19664	5.047	ug/l #	89
21) 1,1-Dichloroethane	3.611	63	11322	5.177	ug/l	96
22) cis-1,2-Dichloroethene	4.489	96	7321	5.206	ug/l	90
23) tert-Butyl Alcohol	2.983	59	6333m	33.591	ug/l	
24) Methyl tert-Butyl Ether	3.117	73	20413	5.214	ug/l #	91
25) Chloroform	5.099	83	12441	5.100	ug/l	95
26) Cyclohexane	5.483	56	9986	5.229	ug/l #	85
29) 1,1-Dichloropropene	5.696	75	8847	4.996	ug/l	97
30) 2-Butanone	4.568	43	22298	27.004	ug/l #	89
31) 2,2-Dichloropropane	4.483	77	6820	4.503	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	11119	4.991	ug/l	95
33) Carbon Tetrachloride	5.684	117	9377	4.794	ug/l	93
34) Benzene	6.044	78	25614	5.133	ug/l #	94
35) Methacrylonitrile	4.922	41	4729m	5.057	ug/l	
36) 1,2-Dichloroethane	6.092	62	10351	5.039	ug/l #	86
37) Trichloroethene	7.129	130	7130	5.108	ug/l	88
38) Methylcyclohexane	7.379	83	10015	5.048	ug/l	86
39) 1,2-Dichloropropane	7.427	63	6273	4.967	ug/l	95
40) Dibromomethane	7.580	93	5008	5.193	ug/l	94
41) Bromodichloromethane	7.824	83	8746	4.758	ug/l	91
42) Vinyl Acetate	3.727	43	75335	23.744	ug/l #	92

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111022\
 Data File : VX032755.D
 Acq On : 11 Nov 2022 04:50
 Operator : JC/MD
 Sample : N4955-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT4-2022

Quant Time: Nov 11 05:34:58 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.721	43	8009	4.822	ug/l	98
44) Isopropyl Acetate	6.348	43	13687	4.917	ug/l #	91
45) 1,4-Dioxane	7.708	88	2838	106.144	ug/l #	86
46) Methyl methacrylate	7.696	41	6679	4.766	ug/l	87
47) n-amyl Acetate	10.841	43	10679	4.315	ug/l	96
48) t-1,3-Dichloropropene	8.982	75	7953	4.218	ug/l	95
49) cis-1,3-Dichloropropene	8.372	75	8748	4.394	ug/l	94
50) 1,1,2-Trichloroethane	9.153	97	6934	5.230	ug/l	93
51) Ethyl methacrylate	9.122	69	9123	4.607	ug/l	84
52) 1,3-Dichloropropane	9.311	76	11080	5.112	ug/l	99
53) Dibromochloromethane	9.525	129	6305	4.373	ug/l	100
54) 1,2-Dibromoethane	9.610	107	6884	4.820	ug/l	98
55) 2-Chloroethyl vinyl ether	8.244	63	22908	23.940	ug/l	93
56) Bromoform	10.799	173	4421	4.283	ug/l	99
58) 4-Methyl-2-Pentanone	8.574	43	44809	27.160	ug/l #	88
59) 2-Hexanone	9.433	43	31325	25.788	ug/l	91
61) Tetrachloroethene	9.275	164	6351	5.392	ug/l	91
62) Toluene	8.720	91	28480	5.196	ug/l	97
64) Chlorobenzene	10.079	112	17702	5.224	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.165	131	6107	4.731	ug/l	94
66) Ethyl Benzene	10.195	91	31816	5.174	ug/l	97
67) m/p-Xylenes	10.305	106	23479	9.814	ug/l	87
68) o-Xylene	10.646	106	11748	5.004	ug/l	93
69) Styrene	10.659	104	18567	4.757	ug/l	95
70) Isopropylbenzene	10.963	105	30457	4.859	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.213	83	9963	5.241	ug/l	97
72) 1,2,3-Trichloropropane	11.238	75	8538m	5.171	ug/l	
73) Bromobenzene	11.201	156	7756	5.093	ug/l	88
74) n-propylbenzene	11.305	91	34275	4.812	ug/l	96
75) 2-Chlorotoluene	11.366	91	21428	4.969	ug/l	90
76) 1,3,5-Trimethylbenzene	11.451	105	25397	4.792	ug/l	96
77) t-1,4-Dichloro-2-butene	11.018	75	1878	3.727	ug/l	82
78) 4-Chlorotoluene	11.457	91	23815	4.794	ug/l	94
79) tert-butylbenzene	11.713	119	25383	4.929	ug/l	94
80) 1,2,4-Trimethylbenzene	11.756	105	25059	4.836	ug/l	94
81) sec-Butylbenzene	11.890	105	29783	4.804	ug/l	95
82) p-Isopropyltoluene	12.012	119	24310	4.652	ug/l	96
83) 1,3-Dichlorobenzene	11.969	146	13722	4.911	ug/l	96
84) 1,4-Dichlorobenzene	12.042	146	14007	4.992	ug/l	99
85) n-Butylbenzene	12.335	91	19511	4.406	ug/l	93
86) Hexachloroethane	12.536	117	3600	4.197	ug/l	93
87) 1,2-Dichlorobenzene	12.335	146	13973	5.031	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.945	75	1860	4.612	ug/l #	78
89) 1,2,4-Trichlorobenzene	13.591	180	8184	4.798	ug/l	94
90) Hexachlorobutadiene	13.725	225	3468	5.051	ug/l	98
91) Naphthalene	13.774	128	26633	4.626	ug/l	98
92) 1,2,3-Trichlorobenzene	13.963	180	8518	4.965	ug/l	91

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

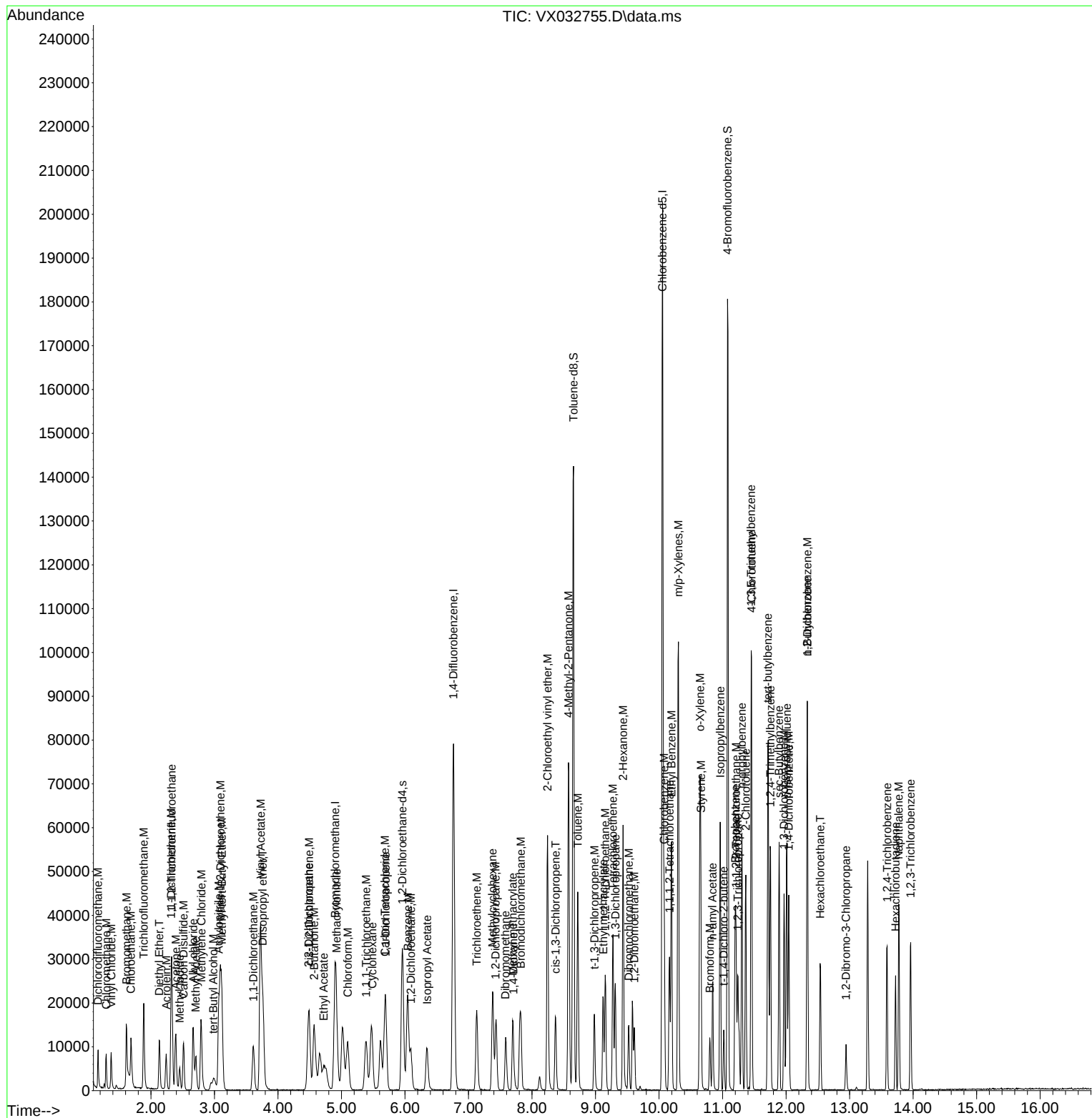
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111022\
 Data File : VX032755.D
 Acq On : 11 Nov 2022 04:50
 Operator : JC/MD
 Sample : N4955-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 45 Sample Multiplier: 1

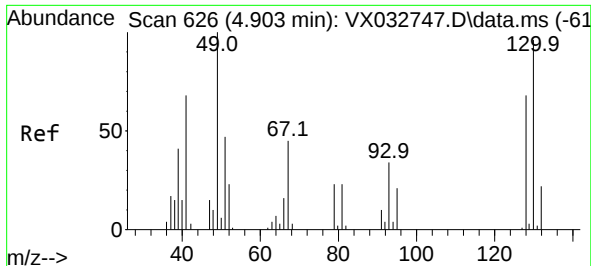
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT4-2022

Quant Time: Nov 11 05:34:58 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

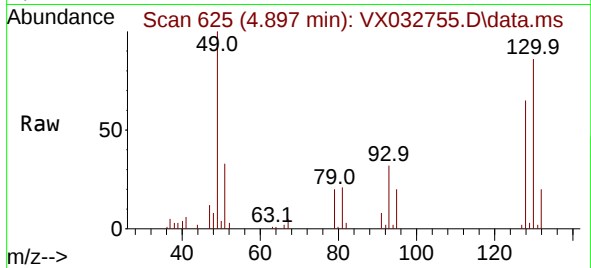
Reviewed By :John Carlone 11/11/2022
 Supervised By :Mahesh Dadoda 11/11/2022





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX032755.D
Acq: 11 Nov 2022 04:50

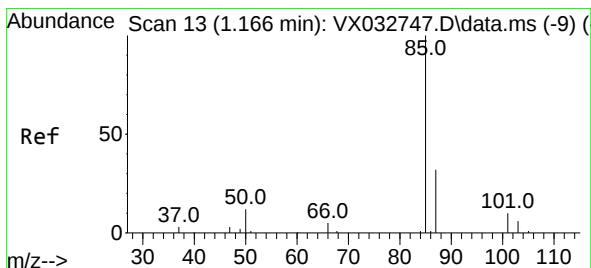
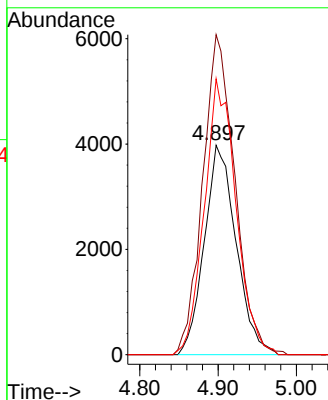
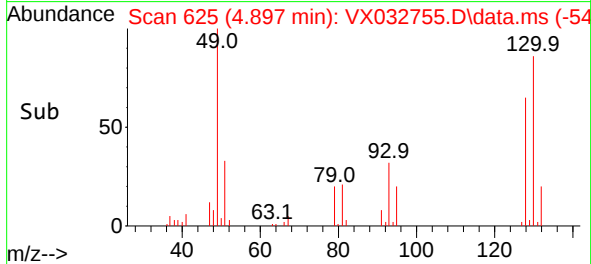
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT4-2022



Tgt Ion:128 Resp: 11240
Ion Ratio Lower Upper
128 100
49 153.8 0.0 293.0
130 131.4 0.0 321.5

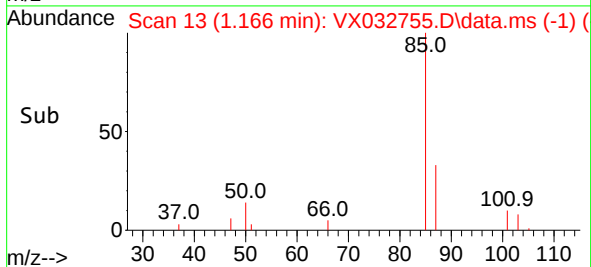
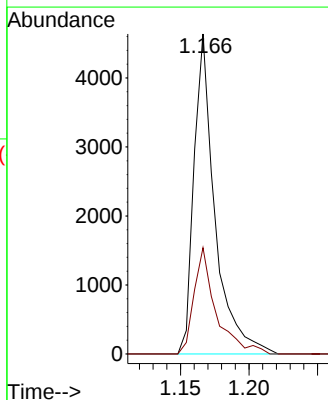
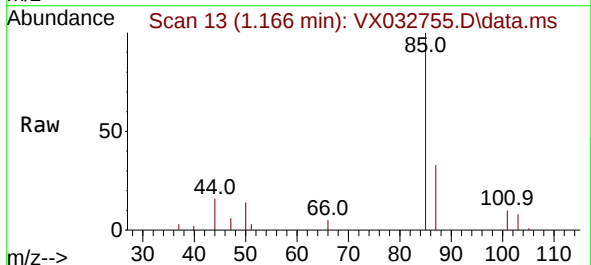
Manual Integrations
APPROVED

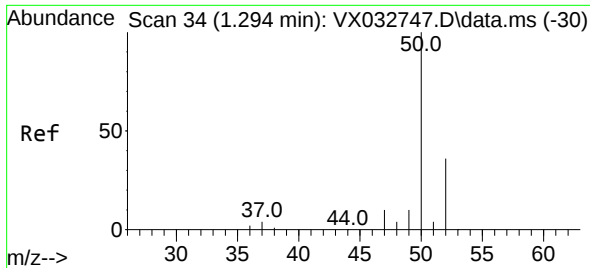
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#2
Dichlorodifluoromethane
Concen: 4.960 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX032755.D
Acq: 11 Nov 2022 04:50

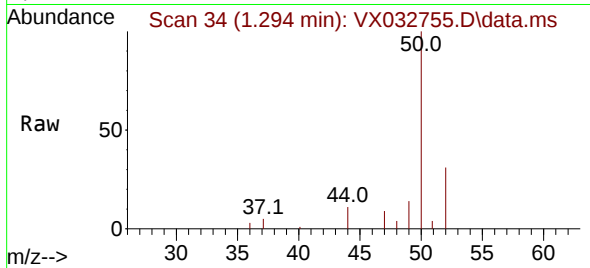
Tgt Ion: 85 Resp: 4934
Ion Ratio Lower Upper
85 100
87 33.2 16.5 49.5





#3
Chloromethane
Concen: 5.164 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX032755.D
Acq: 11 Nov 2022 04:50

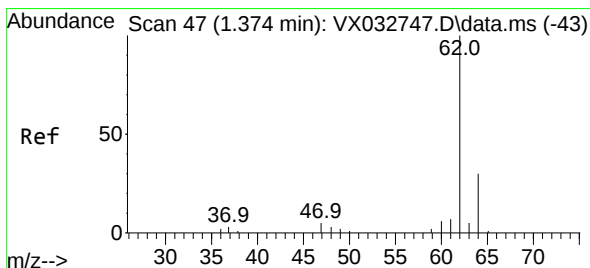
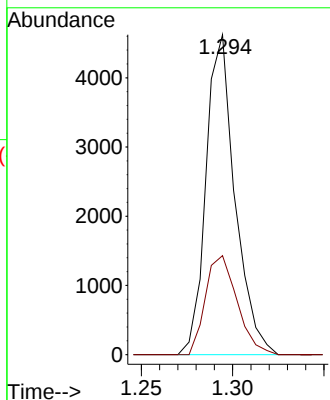
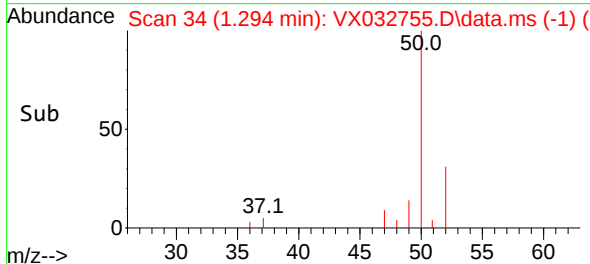
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT4-2022



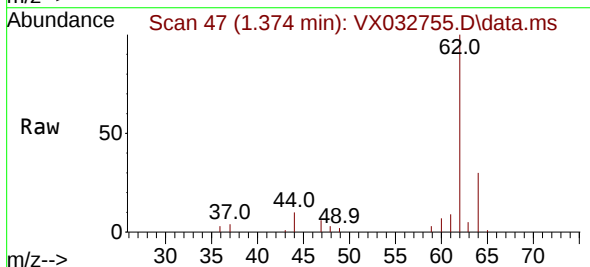
Tgt Ion: 50 Resp: 5098
Ion Ratio Lower Upper
50 100
52 30.9 27.6 41.4

Manual Integrations
APPROVED

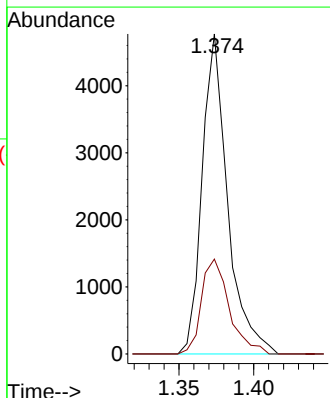
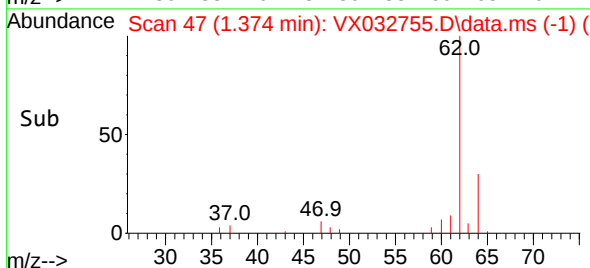
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

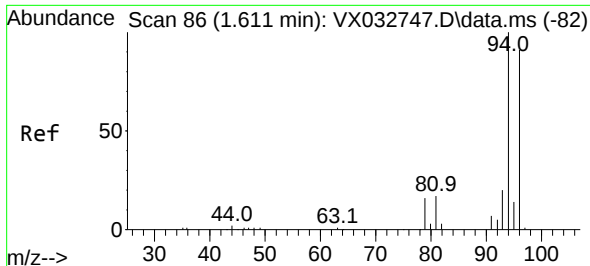


#4
Vinyl Chloride
Concen: 5.048 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX032755.D
Acq: 11 Nov 2022 04:50



Tgt Ion: 62 Resp: 5635
Ion Ratio Lower Upper
62 100
64 29.6 25.7 38.5





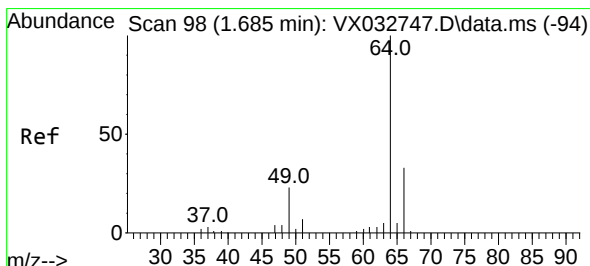
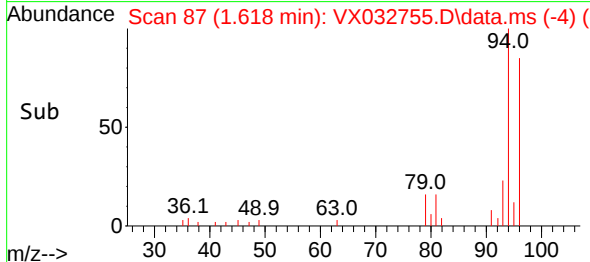
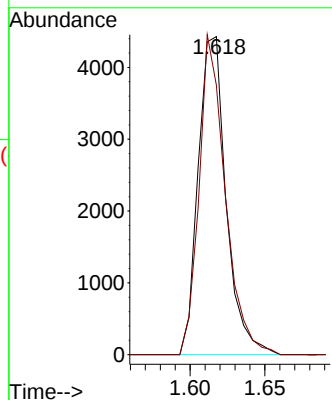
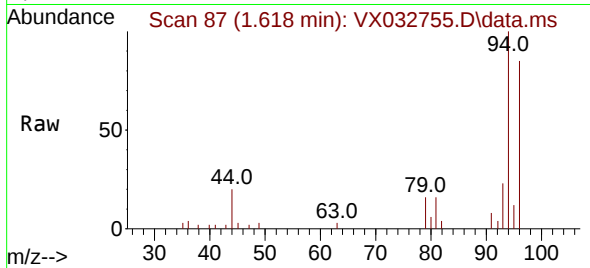
#5
Bromomethane
Concen: 5.818 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX032755.D
Acq: 11 Nov 2022 04:50

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2022

Tgt Ion: 94 Resp: 576
Ion Ratio Lower Upper
94 100
96 84.8 76.8 115.2

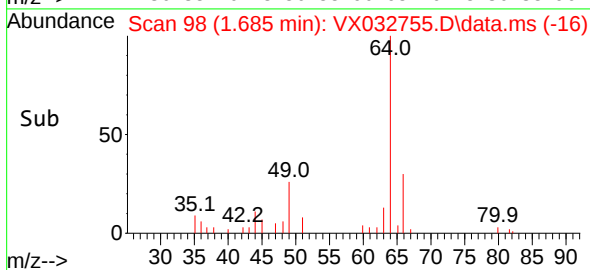
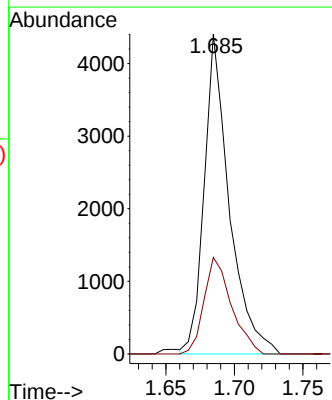
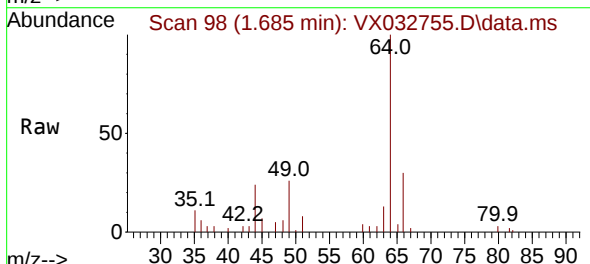
Manual Integrations
APPROVED

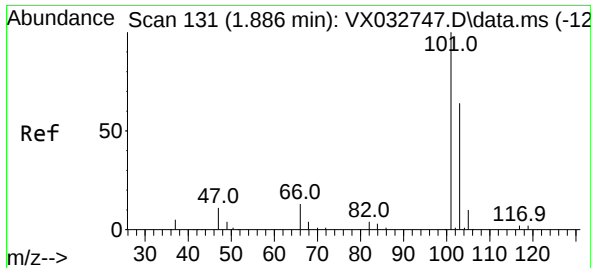
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#6
Chloroethane
Concen: 6.353 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX032755.D
Acq: 11 Nov 2022 04:50

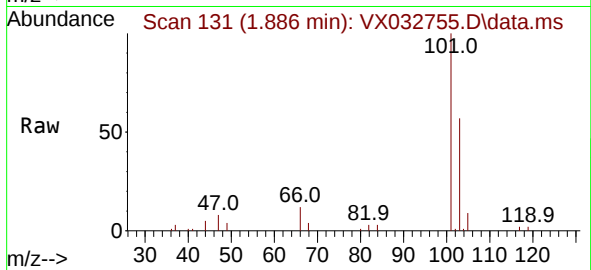
Tgt Ion: 64 Resp: 5601
Ion Ratio Lower Upper
64 100
66 30.1 30.6 46.0#





#7
 Trichlorofluoromethane
 Concen: 5.696 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX032755.D
 Acq: 11 Nov 2022 04:50

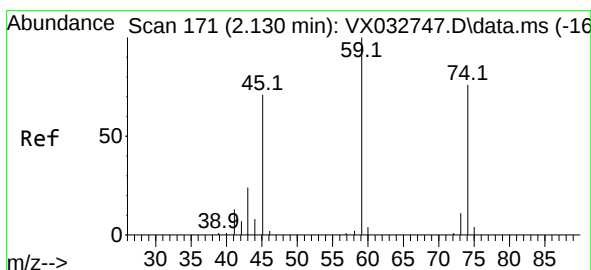
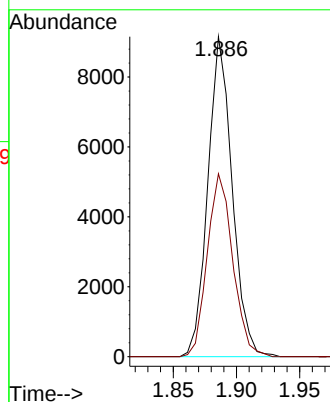
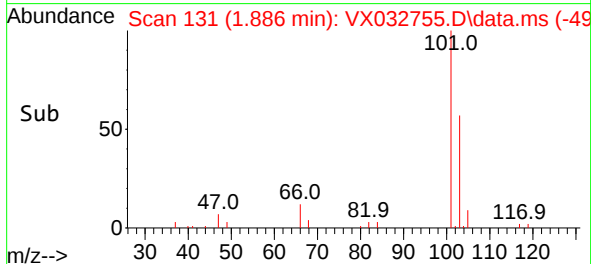
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT4-2022



Tgt Ion:101 Resp: 12250
 Ion Ratio Lower Upper
 101 100
 103 57.2 51.7 77.5

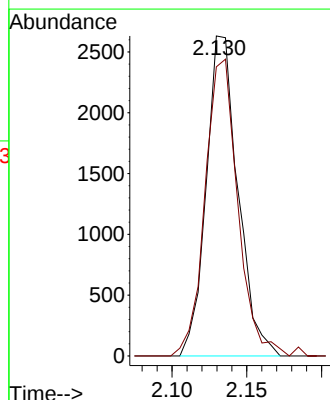
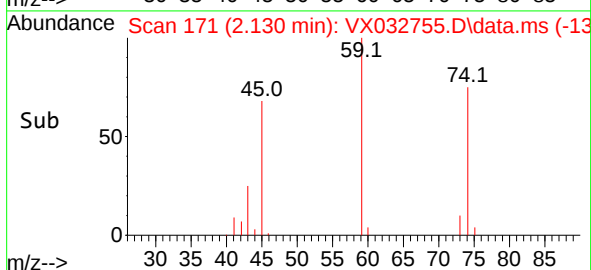
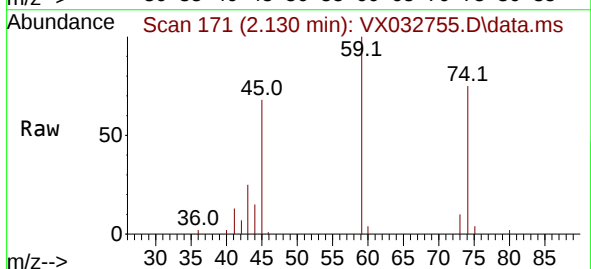
Manual Integrations
 APPROVED

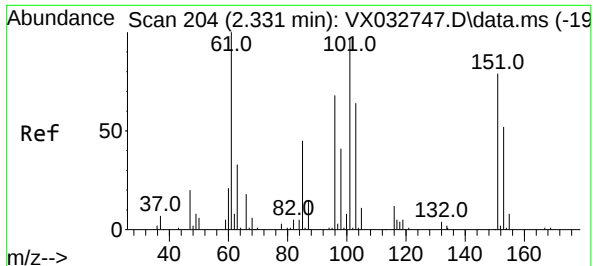
Reviewed By :John Carlone 11/11/2022
 Supervised By :Mahesh Dadoda 11/11/2022



#8
 Diethyl Ether
 Concen: 5.584 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. 0.000 min
 Lab File: VX032755.D
 Acq: 11 Nov 2022 04:50

Tgt Ion: 74 Resp: 3885
 Ion Ratio Lower Upper
 74 100
 45 95.5 14.2 127.8





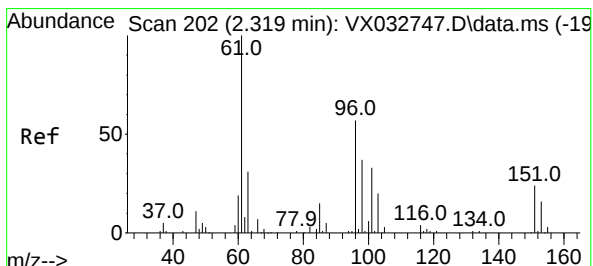
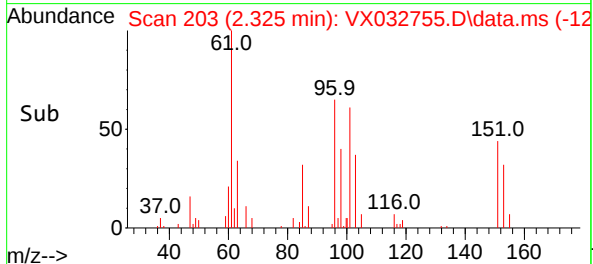
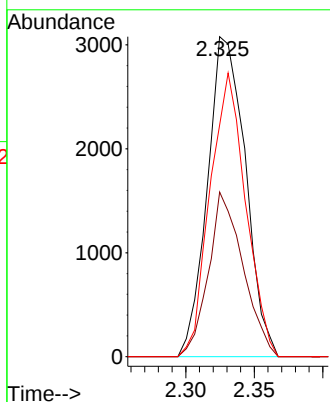
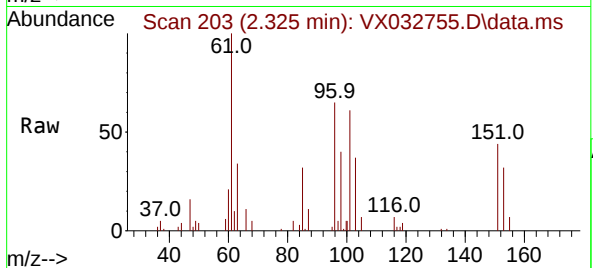
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.185 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX032755.D
Acq: 11 Nov 2022 04:50

Instrument : MSVOA_X
Client Sample Id : LOQ-WATER-02-QT4-2022

Tgt Ion: 101 Resp: 5934
Ion Ratio Lower Upper
101 100
85 46.9 0.0 88.8
151 83.3 0.0 156.6

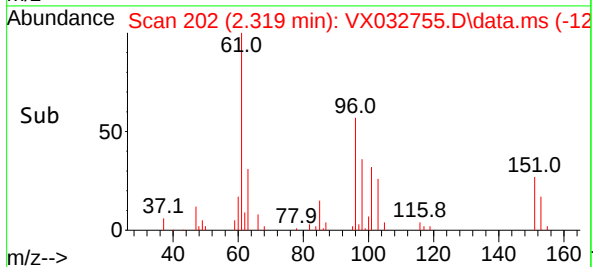
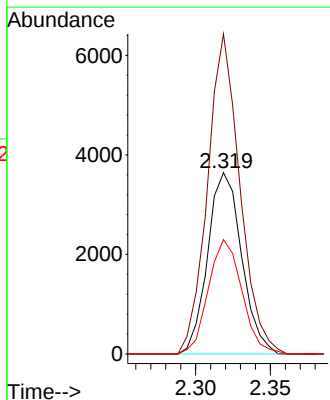
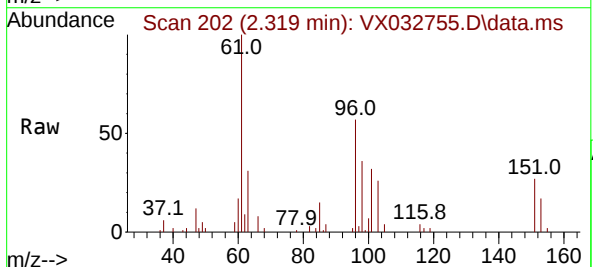
Manual Integrations
APPROVED

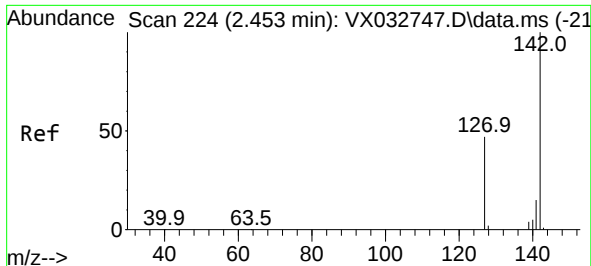
Reviewed By : John Carlone 11/11/2022
Supervised By : Mahesh Dadoda 11/11/2022



#10
1,1-Dichloroethene
Concen: 5.267 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX032755.D
Acq: 11 Nov 2022 04:50

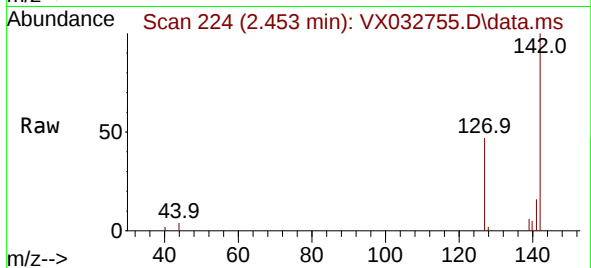
Tgt Ion: 96 Resp: 5759
Ion Ratio Lower Upper
96 100
61 176.6 115.8 173.6#
98 63.1 49.7 74.5





#11
Methyl Iodide
Concen: 4.026 ug/l
RT: 2.453 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX032755.D
Acq: 11 Nov 2022 04:50

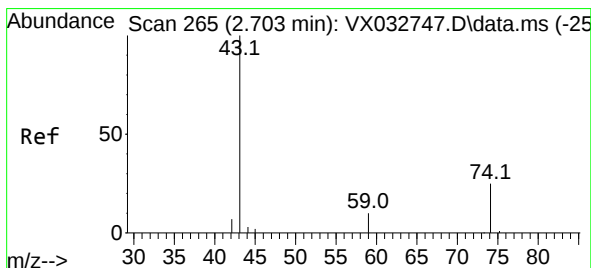
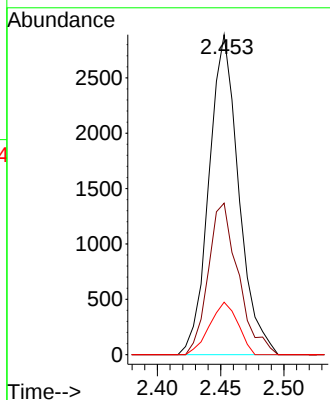
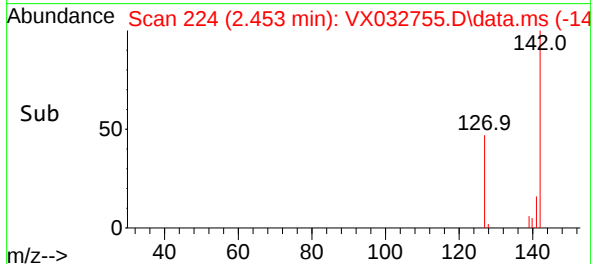
Instrument : MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2022



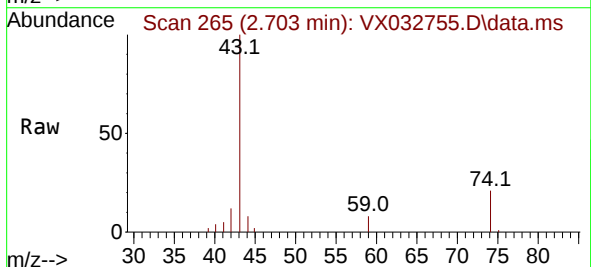
Tgt Ion:142 Resp: 4738
Ion Ratio Lower Upper
142 100
127 47.4 23.8 71.2
141 16.4 7.6 22.8

Manual Integrations
APPROVED

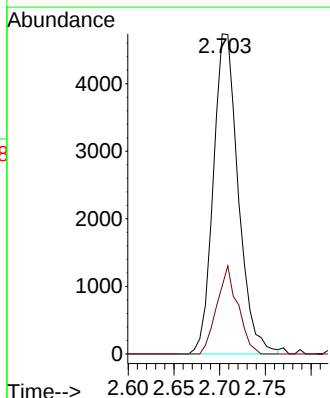
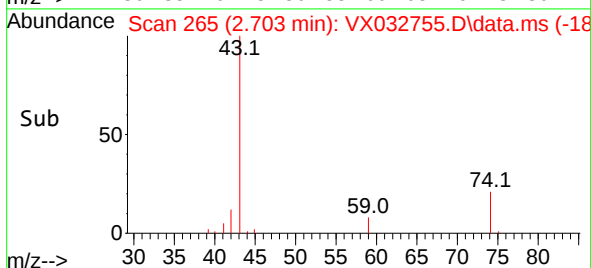
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

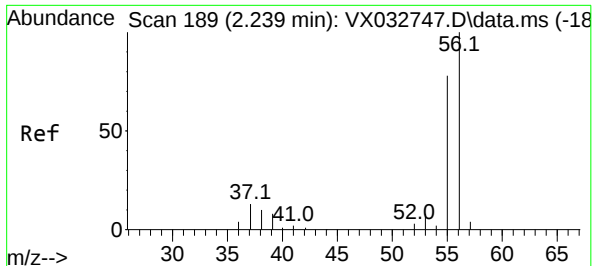


#12
Methyl Acetate
Concen: 5.560 ug/l m
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX032755.D
Acq: 11 Nov 2022 04:50



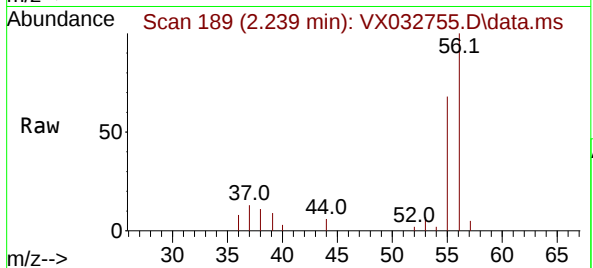
Tgt Ion: 43 Resp: 9006
Ion Ratio Lower Upper
43 100
74 21.2 24.8 37.2#





#13
Acrolein
Concen: 26.158 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX032755.D
Acq: 11 Nov 2022 04:50

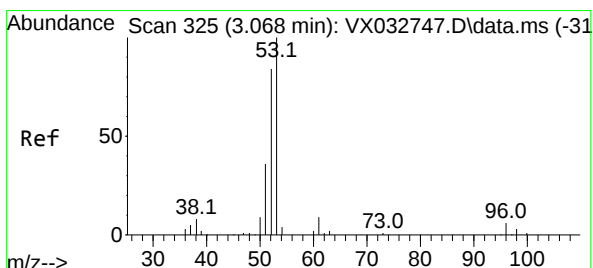
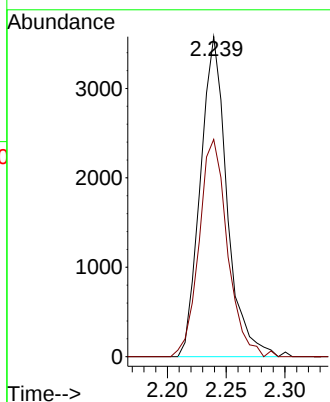
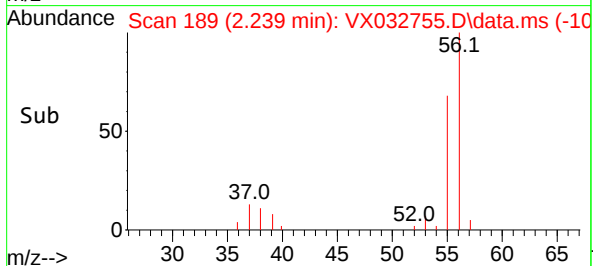
Instrument : MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2022



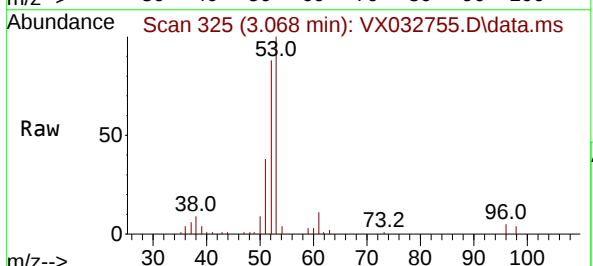
Tgt Ion: 56 Resp: 5650
Ion Ratio Lower Upper
56 100
55 71.9 58.4 87.6

Manual Integrations
APPROVED

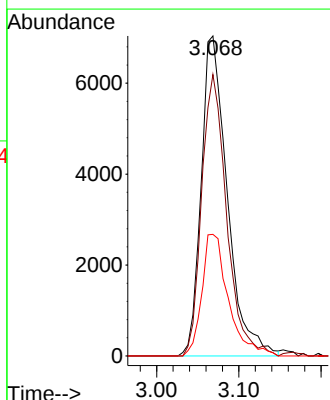
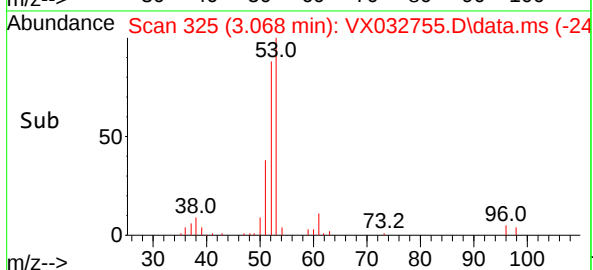
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

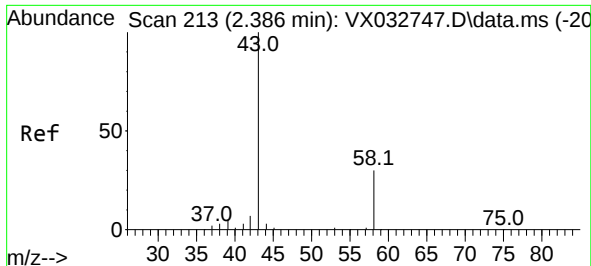


#14
Acrylonitrile
Concen: 26.772 ug/l
RT: 3.068 min Scan# 325
Delta R.T. 0.000 min
Lab File: VX032755.D
Acq: 11 Nov 2022 04:50



Tgt Ion: 53 Resp: 15545
Ion Ratio Lower Upper
53 100
52 84.0 41.5 124.5
51 38.6 18.3 54.9





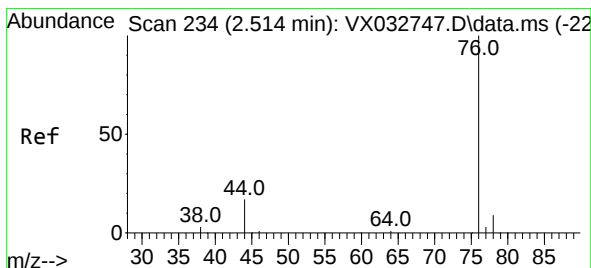
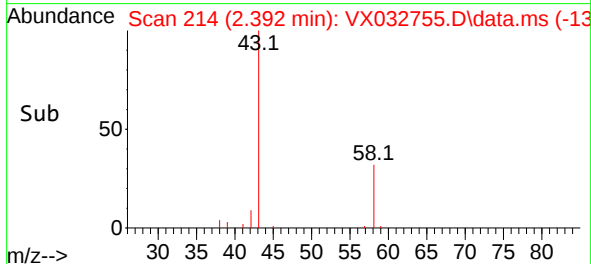
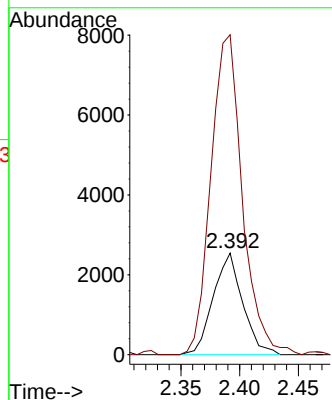
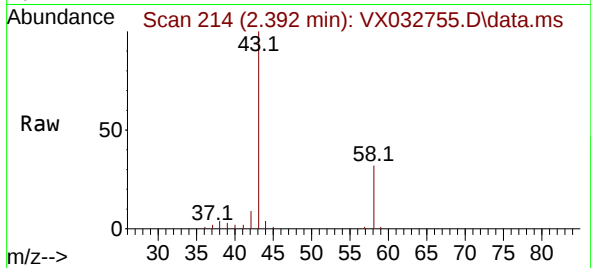
#15
Acetone
Concen: 29.373 ug/l
RT: 2.392 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX032755.D
Acq: 11 Nov 2022 04:50

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2022

Tgt Ion: 58 Resp: 4435
Ion Ratio Lower Upper
58 100
43 314.7 242.6 364.0

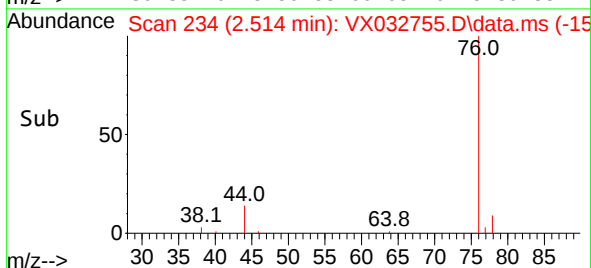
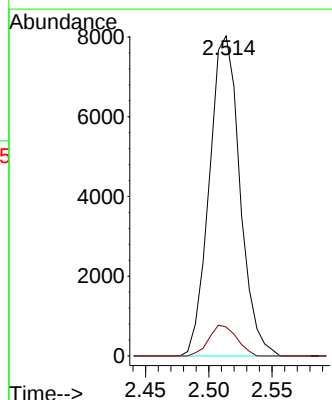
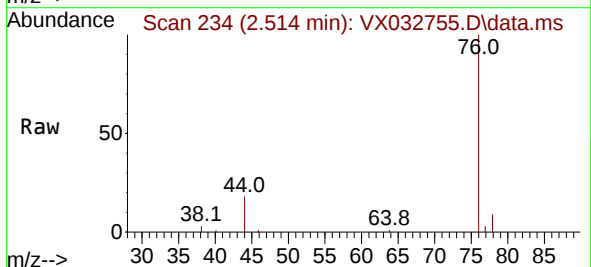
Manual Integrations
APPROVED

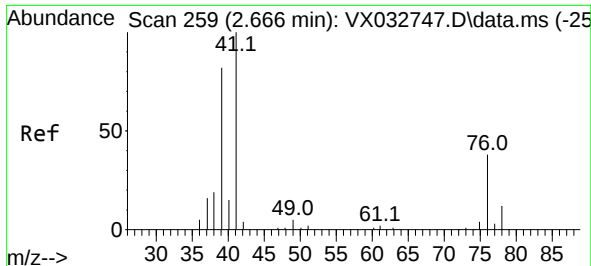
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#16
Carbon Disulfide
Concen: 4.962 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX032755.D
Acq: 11 Nov 2022 04:50

Tgt Ion: 76 Resp: 13506
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3





#17

Allyl chloride

Concen: 4.825 ug/l

RT: 2.666 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX032755.D

Acq: 11 Nov 2022 04:50

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2022

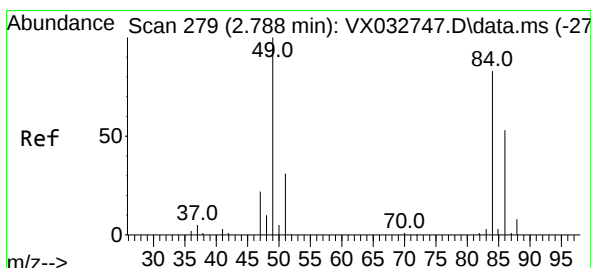
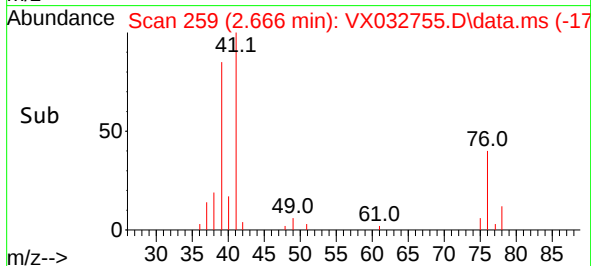
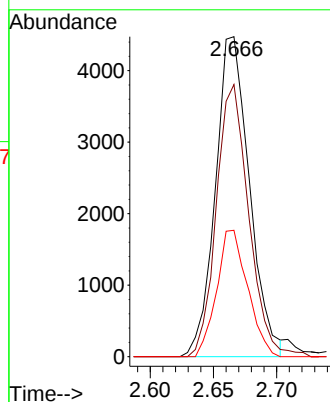
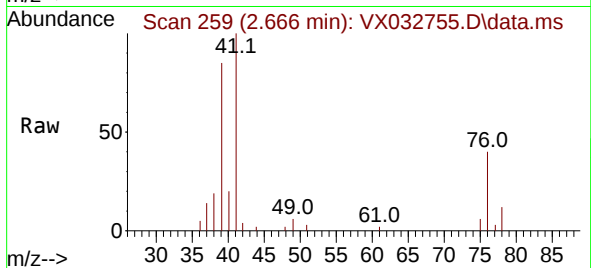
Tgt Ion:	41	Resp:	838
Ion	Ratio	Lower	Upper
41	100		
39	85.0	37.0	111.0
76	39.5	23.8	71.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022



#18

Methylene Chloride

Concen: 6.087 ug/l

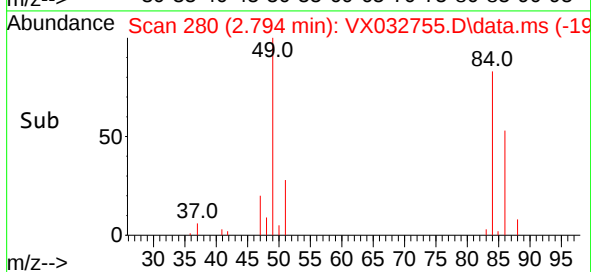
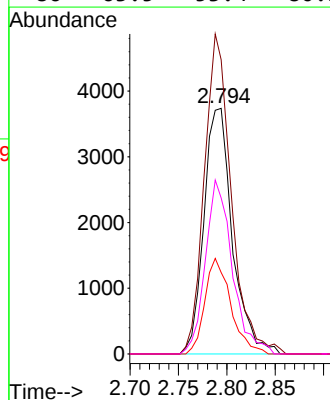
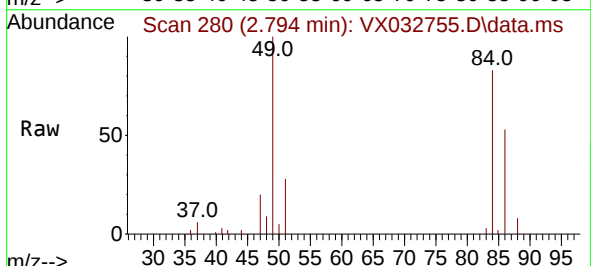
RT: 2.794 min Scan# 280

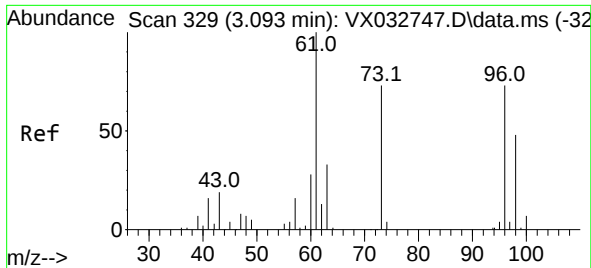
Delta R.T. 0.006 min

Lab File: VX032755.D

Acq: 11 Nov 2022 04:50

Tgt Ion:	84	Resp:	7676
Ion	Ratio	Lower	Upper
84	100		
49	119.8	84.6	127.0
51	33.2	26.5	39.7
86	63.5	53.4	80.2





#19

trans-1,2-Dichloroethene

Concen: 5.338 ug/l

RT: 3.093 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX032755.D

Acq: 11 Nov 2022 04:50

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2022

Tgt Ion: 96 Resp: 6429

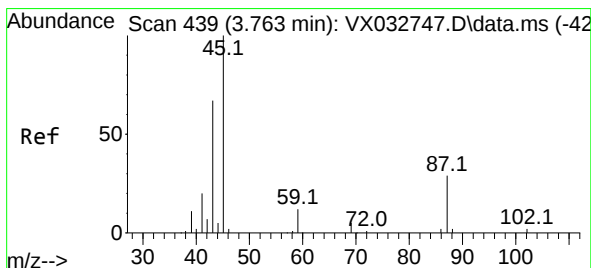
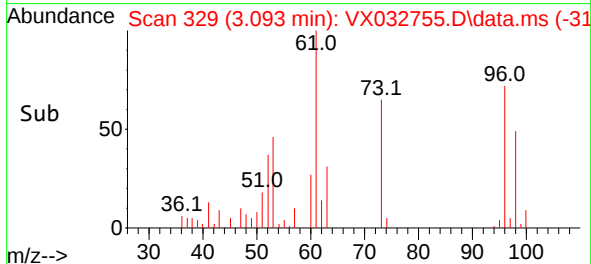
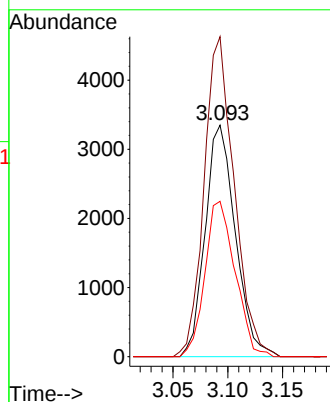
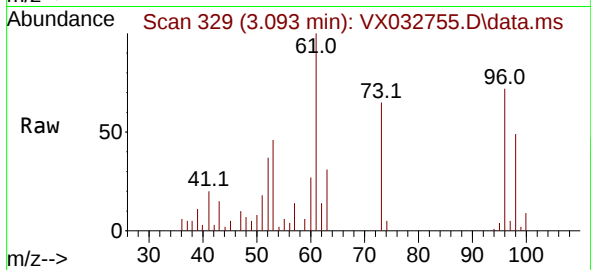
Ion	Ratio	Lower	Upper
96	100		
61	138.2	87.4	131.0
98	67.1	51.5	77.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022



#20

Diisopropyl ether

Concen: 5.047 ug/l

RT: 3.757 min Scan# 438

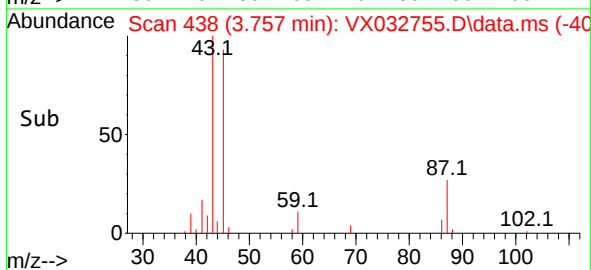
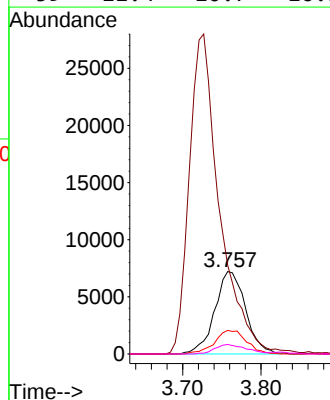
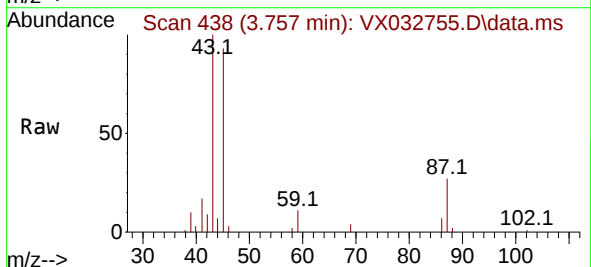
Delta R.T. -0.006 min

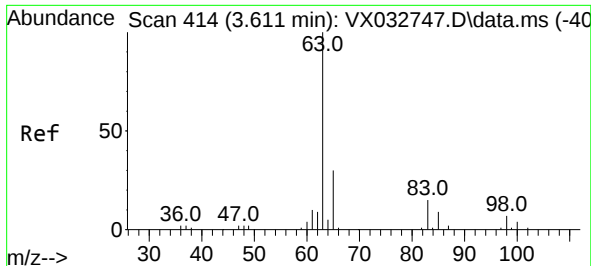
Lab File: VX032755.D

Acq: 11 Nov 2022 04:50

Tgt Ion: 45 Resp: 19664

Ion	Ratio	Lower	Upper
45	100		
43	102.9	74.5	111.7
87	28.6	30.4	45.6
59	11.4	10.7	16.1





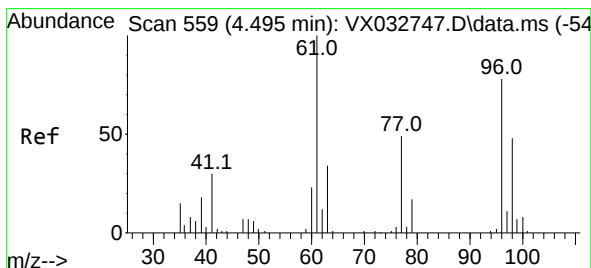
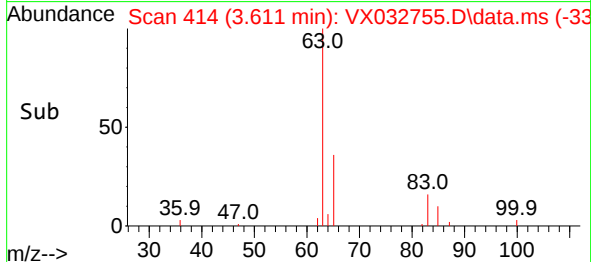
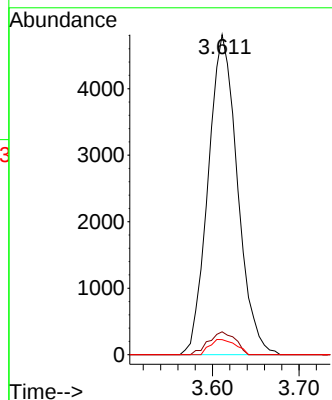
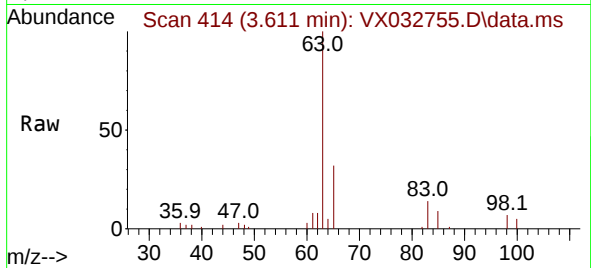
#21
1,1-Dichloroethane
Concen: 5.177 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX032755.D
Acq: 11 Nov 2022 04:50

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2022

Tgt Ion: 63 Resp: 1132
Ion Ratio Lower Upper
63 100
98 7.1 4.5 13.7
100 4.7 2.8 8.3

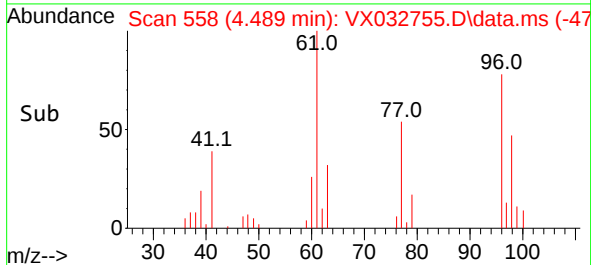
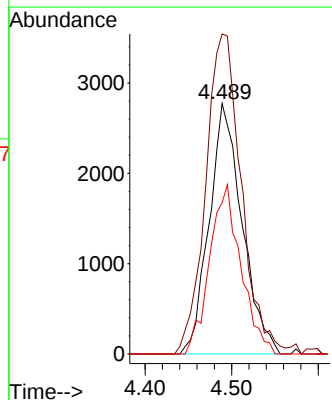
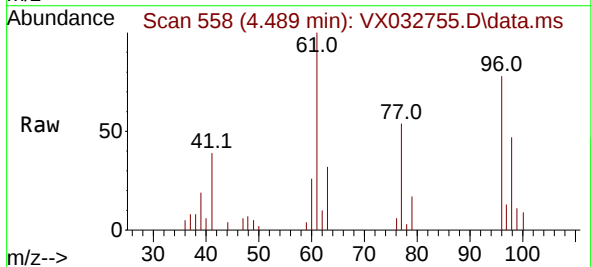
Manual Integrations
APPROVED

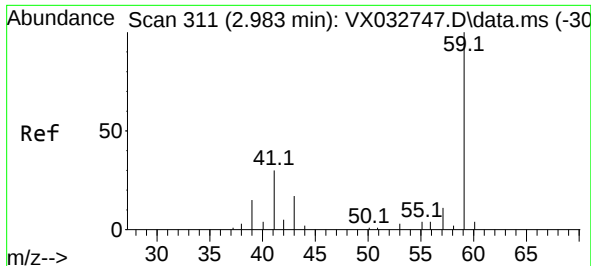
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#22
cis-1,2-Dichloroethene
Concen: 5.206 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.006 min
Lab File: VX032755.D
Acq: 11 Nov 2022 04:50

Tgt Ion: 96 Resp: 7321
Ion Ratio Lower Upper
96 100
61 138.1 98.0 147.0
98 64.3 52.2 78.4





#23

tert-Butyl Alcohol

Concen: 33.591 ug/l m

RT: 2.983 min Scan# 311

Delta R.T. 0.000 min

Lab File: VX032755.D

Acq: 11 Nov 2022 04:50

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2022

Tgt Ion: 59 Resp: 633

Ion Ratio Lower Upper

59 100

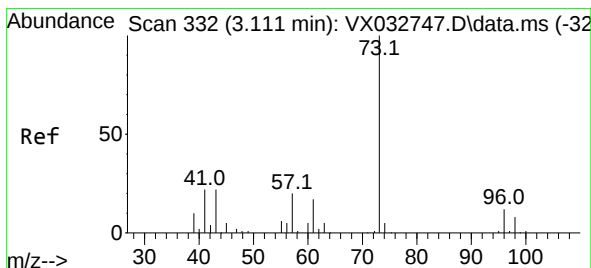
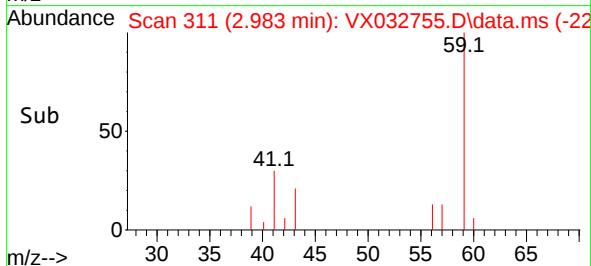
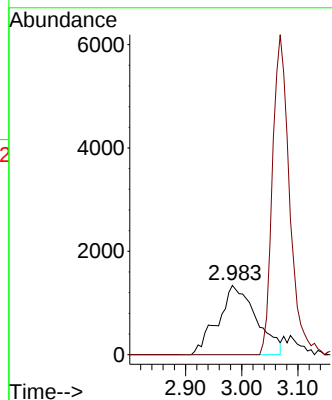
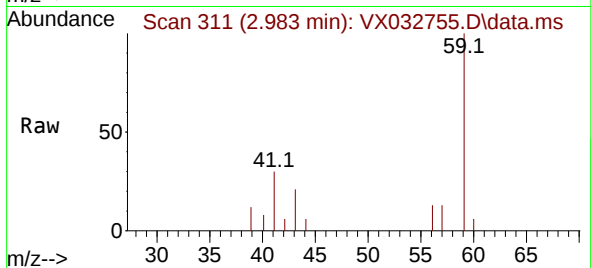
52 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022



#24

Methyl tert-Butyl Ether

Concen: 5.214 ug/l

RT: 3.117 min Scan# 333

Delta R.T. 0.006 min

Lab File: VX032755.D

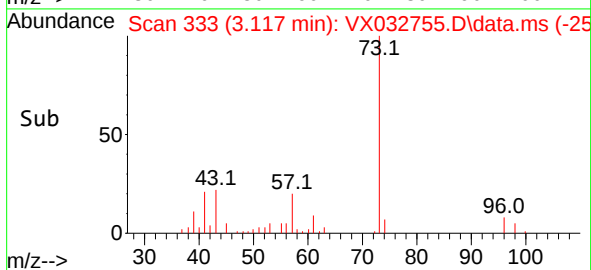
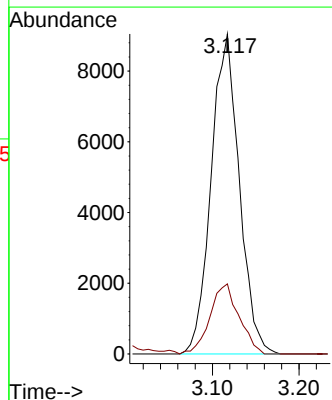
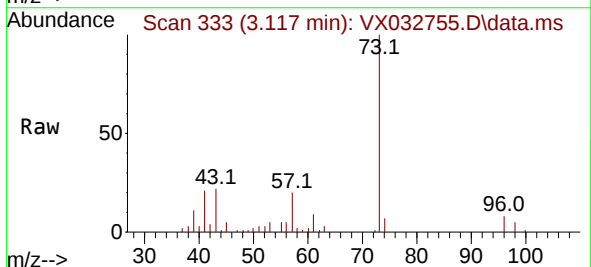
Acq: 11 Nov 2022 04:50

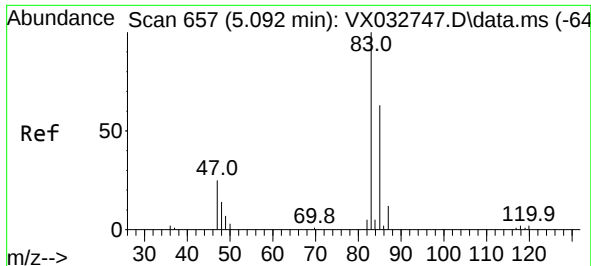
Tgt Ion: 73 Resp: 20413

Ion Ratio Lower Upper

73 100

43 22.6 14.8 22.2#





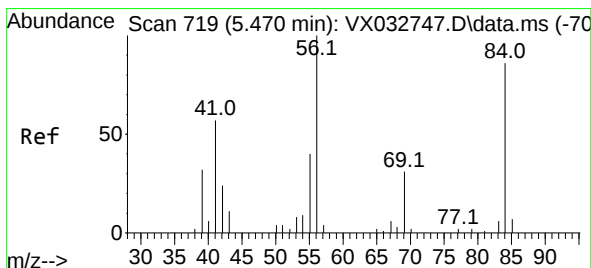
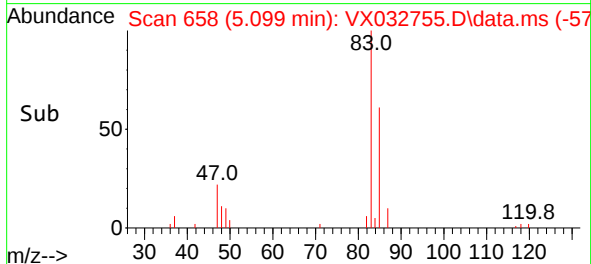
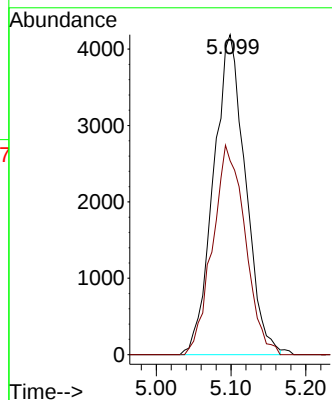
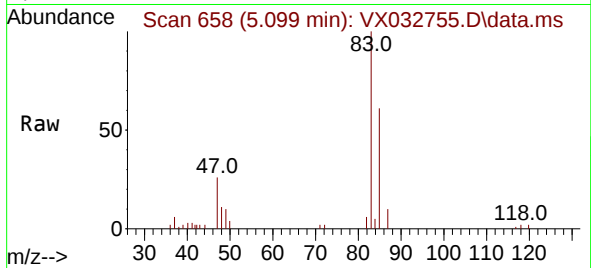
#25
Chloroform
Concen: 5.100 ug/l
RT: 5.099 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX032755.D
Acq: 11 Nov 2022 04:50

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2022

Tgt Ion: 83 Resp: 1244
Ion Ratio Lower Upper
83 100
85 60.6 51.4 77.0

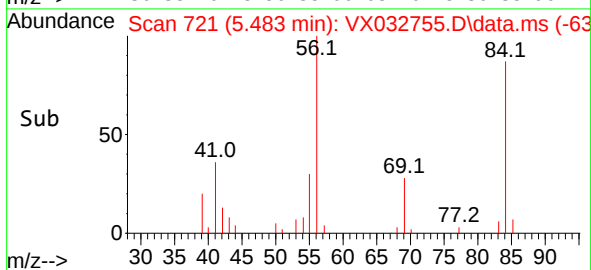
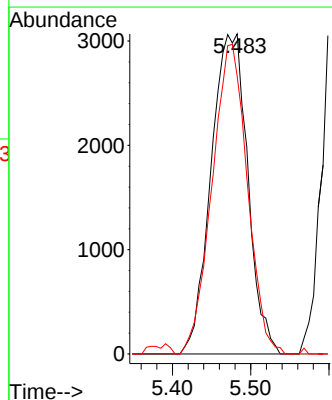
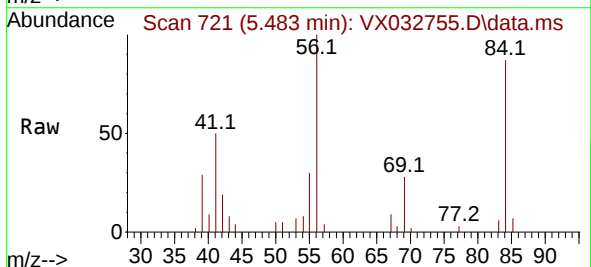
Manual Integrations
APPROVED

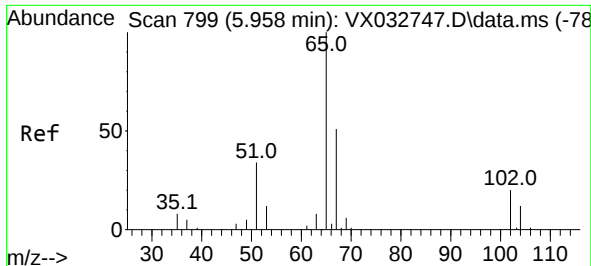
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#26
Cyclohexane
Concen: 5.229 ug/l
RT: 5.483 min Scan# 721
Delta R.T. 0.012 min
Lab File: VX032755.D
Acq: 11 Nov 2022 04:50

Tgt Ion: 56 Resp: 9986
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 92.9 86.6 130.0





#27

1,2-Dichloroethane-d4

Concen: 30.187 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX032755.D

Acq: 11 Nov 2022 04:50

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2022

Tgt Ion: 65 Resp: 32734

Ion Ratio Lower Upper

65 100

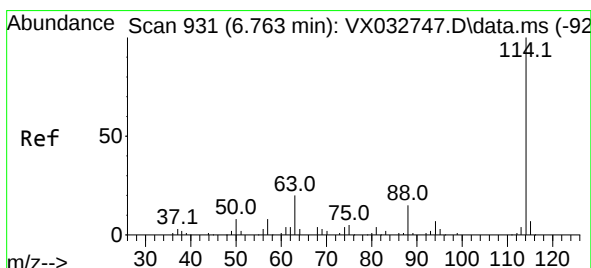
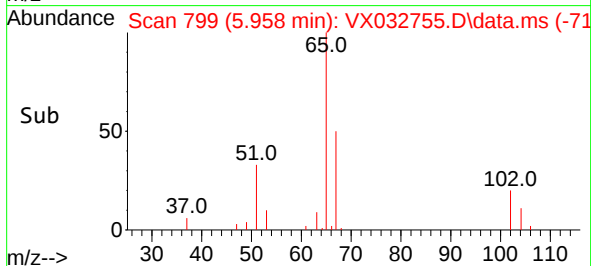
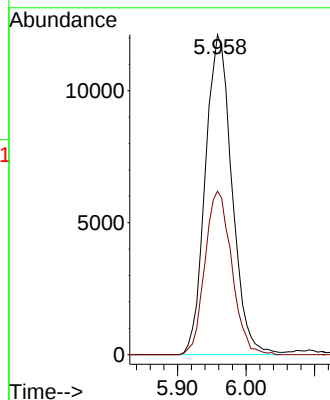
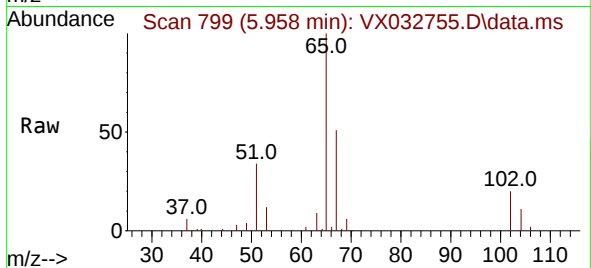
67 51.3 41.8 62.6

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: VX032755.D

Acq: 11 Nov 2022 04:50

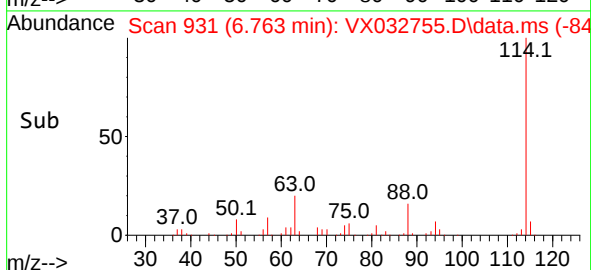
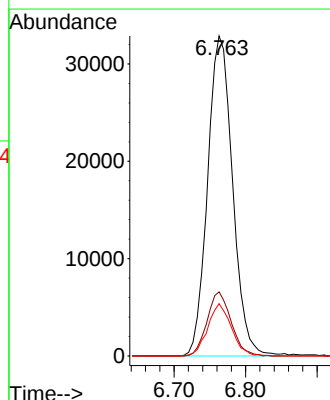
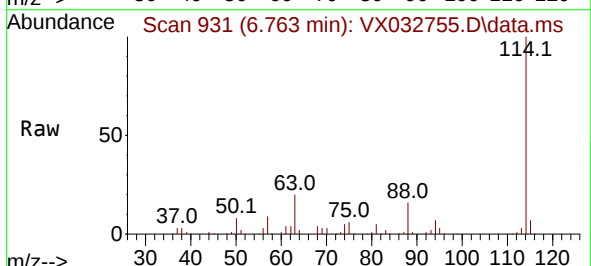
Tgt Ion:114 Resp: 79848

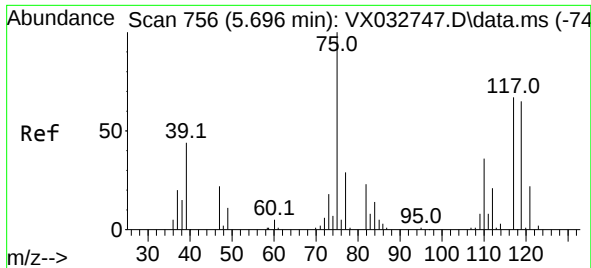
Ion Ratio Lower Upper

114 100

63 19.3 13.6 20.4

88 15.4 11.8 17.6





#29

1,1-Dichloropropene

Concen: 4.996 ug/l

RT: 5.696 min Scan# 756

Delta R.T. 0.000 min

Lab File: VX032755.D

Acq: 11 Nov 2022 04:50

Instrument :

MSVOA_X

ClientSampleId :

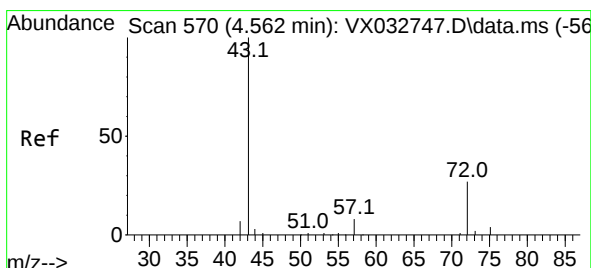
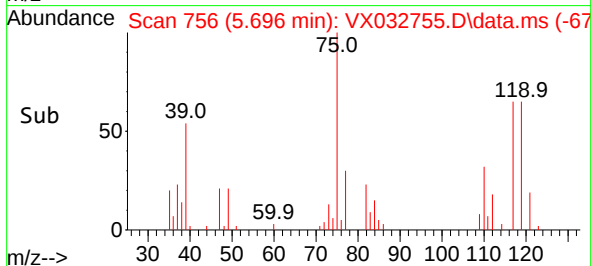
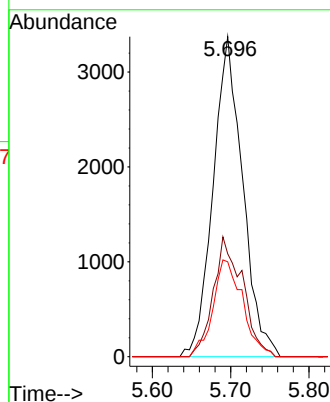
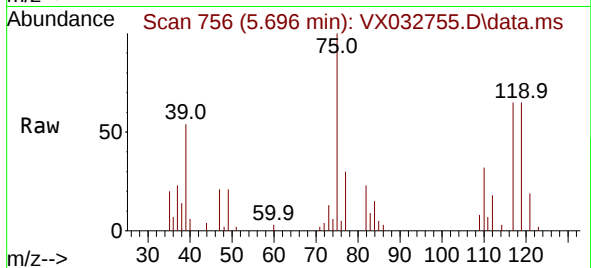
LOQ-WATER-02-QT4-2022

Tgt Ion: 75	Resp: 884
Ion Ratio	Lower Upper
75 100	
110 36.9	0.0 80.4
77 30.5	0.0 62.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022



#30

2-Butanone

Concen: 27.004 ug/l

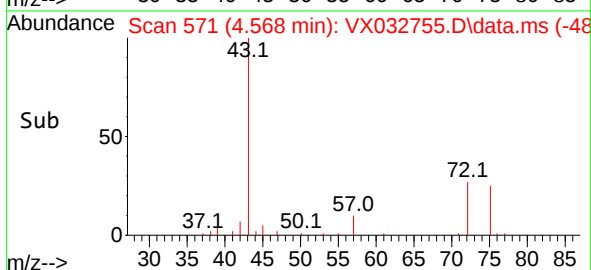
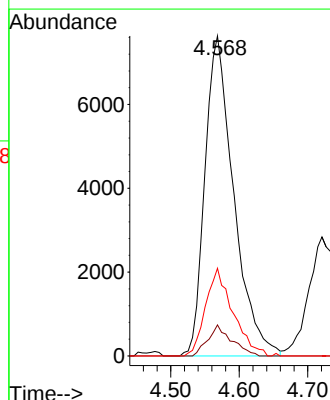
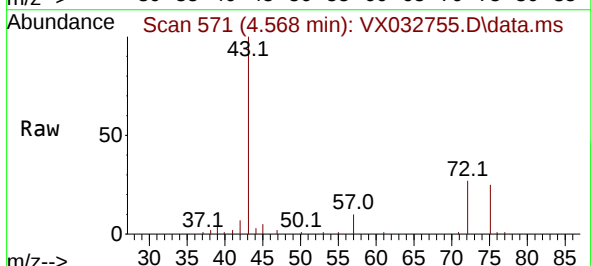
RT: 4.568 min Scan# 571

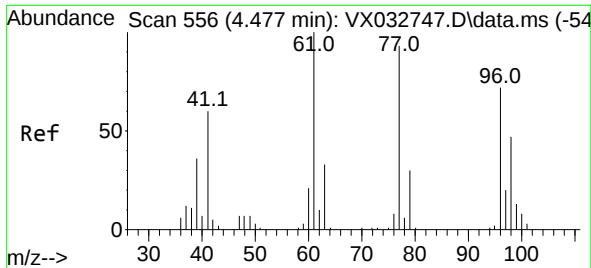
Delta R.T. 0.006 min

Lab File: VX032755.D

Acq: 11 Nov 2022 04:50

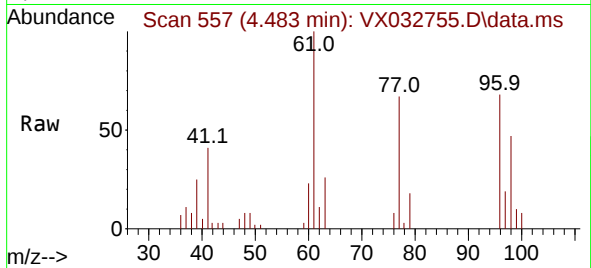
Tgt Ion: 43	Resp: 22298
Ion Ratio	Lower Upper
43 100	
57 8.0	7.5 11.3
72 26.0	26.6 39.8





#31
2,2-Dichloropropane
Concen: 4.503 ug/l
RT: 4.483 min Scan# 511
Delta R.T. 0.006 min
Lab File: VX032755.D
Acq: 11 Nov 2022 04:50

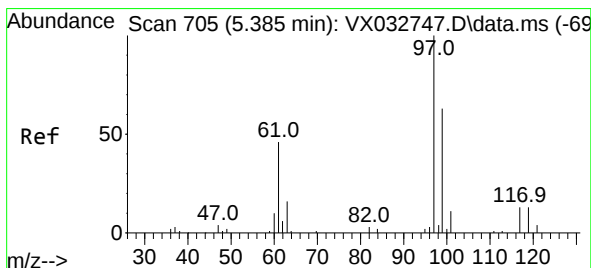
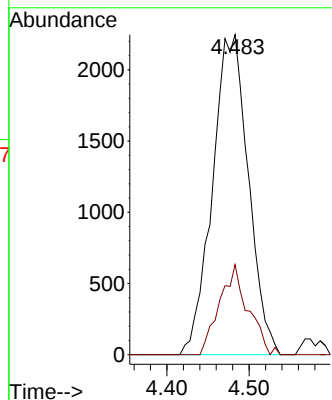
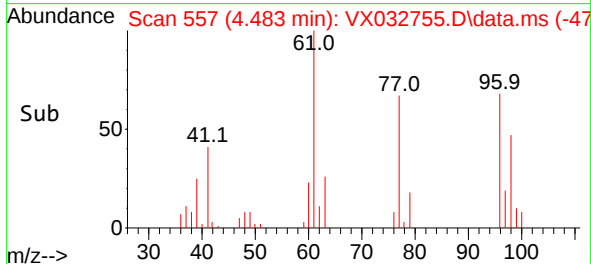
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2022



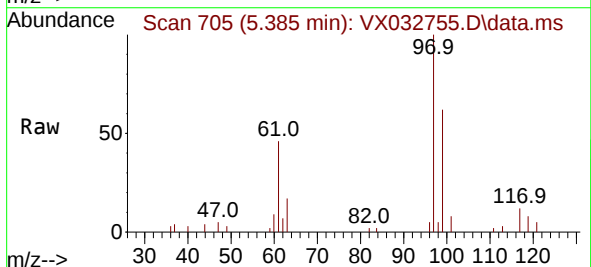
Tgt Ion: 77 Resp: 6820
Ion Ratio Lower Upper
77 100
97 22.1 20.0 30.0

Manual Integrations
APPROVED

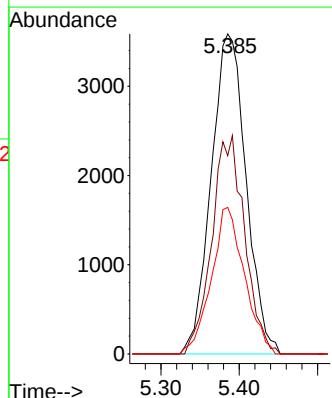
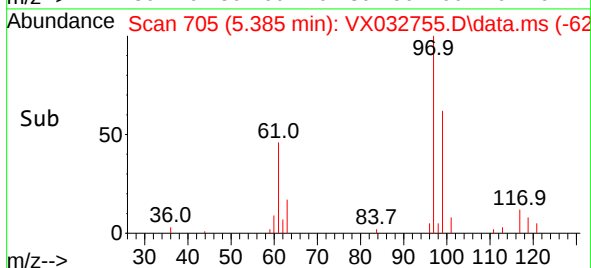
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

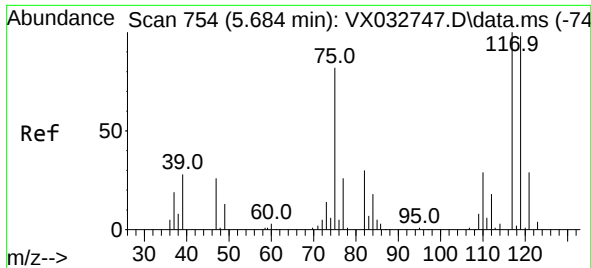


#32
1,1,1-Trichloroethane
Concen: 4.991 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032755.D
Acq: 11 Nov 2022 04:50



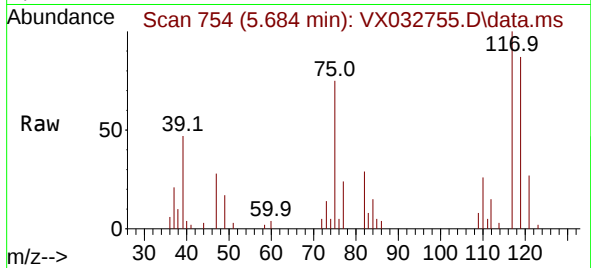
Tgt Ion: 97 Resp: 11119
Ion Ratio Lower Upper
97 100
99 64.1 53.8 80.6
61 43.3 31.3 46.9





#33
Carbon Tetrachloride
Concen: 4.794 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX032755.D
Acq: 11 Nov 2022 04:50

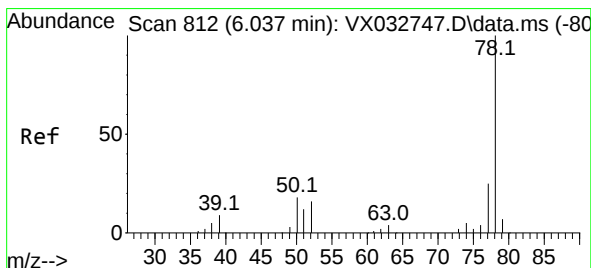
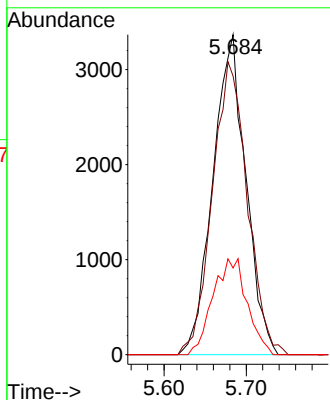
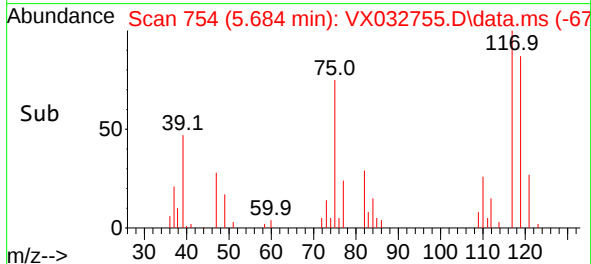
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2022



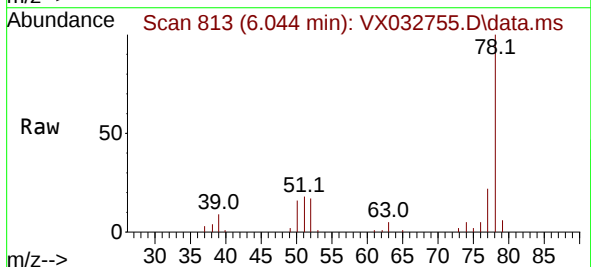
Tgt Ion:117 Resp: 937
Ion Ratio Lower Upper
117 100
119 87.1 75.4 113.2
121 27.1 24.4 36.6

Manual Integrations
APPROVED

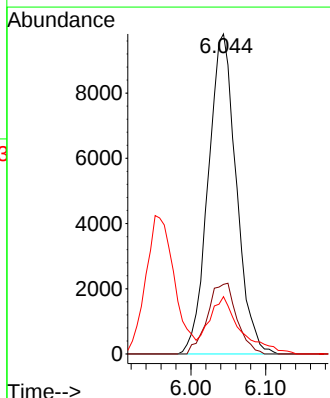
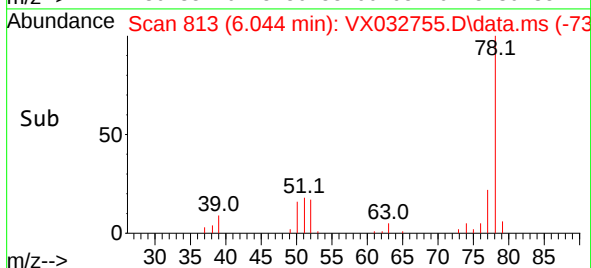
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

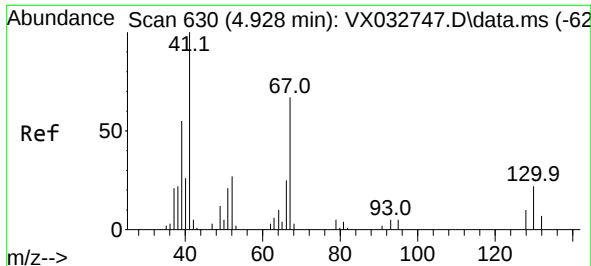


#34
Benzene
Concen: 5.133 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX032755.D
Acq: 11 Nov 2022 04:50



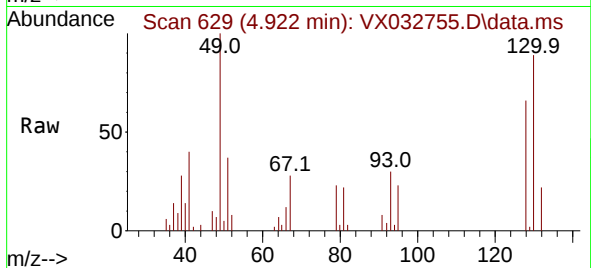
Tgt Ion: 78 Resp: 25614
Ion Ratio Lower Upper
78 100
77 21.8 19.0 28.6
51 16.8 10.6 15.8#





#35
Methacrylonitrile
Concen: 5.057 ug/l m
RT: 4.922 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX032755.D
Acq: 11 Nov 2022 04:50

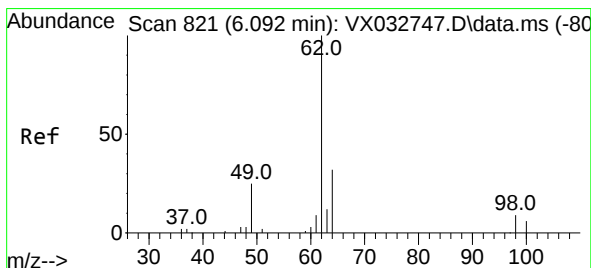
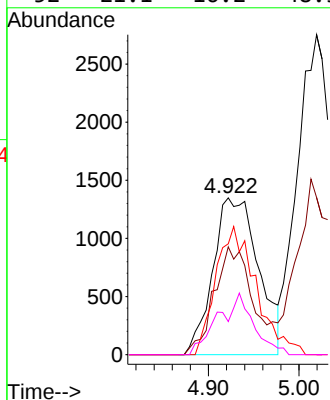
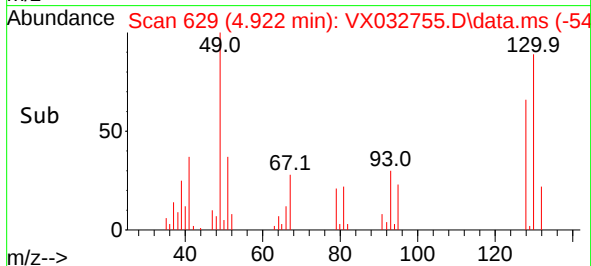
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion: 41 Resp: 4729
Ion Ratio Lower Upper
41 100
39 68.8 26.9 80.7
67 70.7 40.6 121.8
52 21.1 16.2 48.5

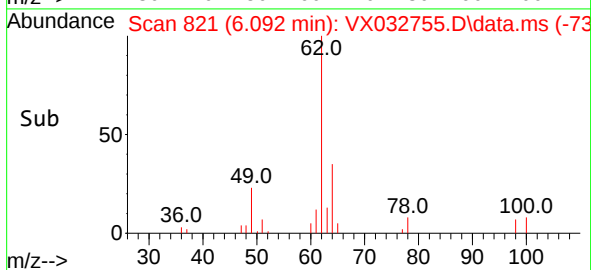
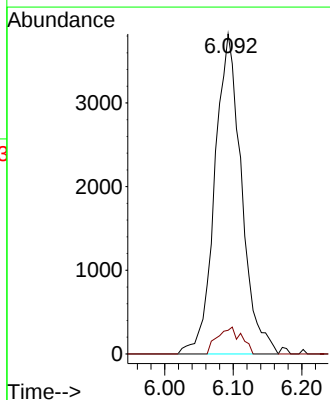
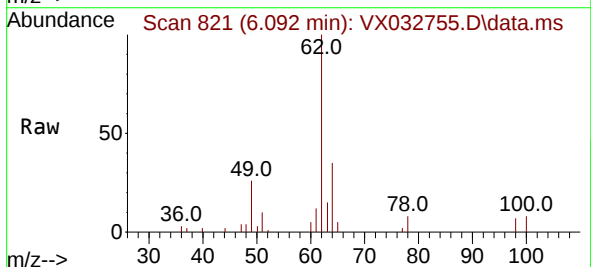
Manual Integrations
APPROVED

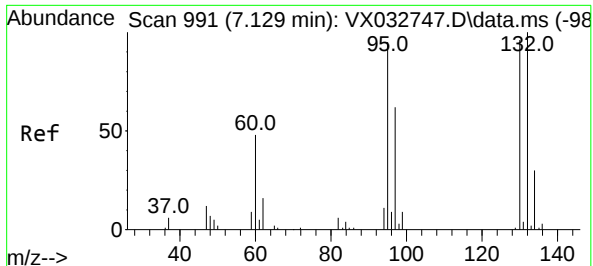
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#36
1,2-Dichloroethane
Concen: 5.039 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.000 min
Lab File: VX032755.D
Acq: 11 Nov 2022 04:50

Tgt Ion: 62 Resp: 10351
Ion Ratio Lower Upper
62 100
98 5.7 8.8 13.2#





#37

Trichloroethene

Concen: 5.108 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.000 min

Lab File: VX032755.D

Acq: 11 Nov 2022 04:50

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2022

Tgt Ion:130 Resp: 7130

Ion Ratio Lower Upper

130 100

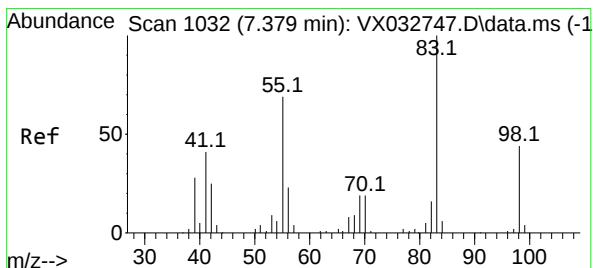
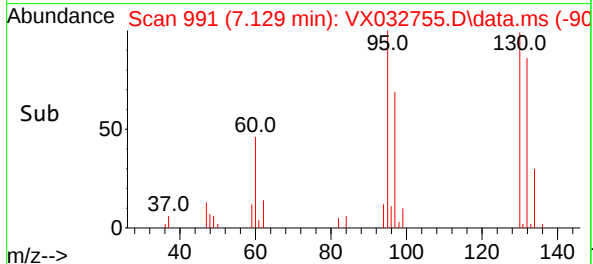
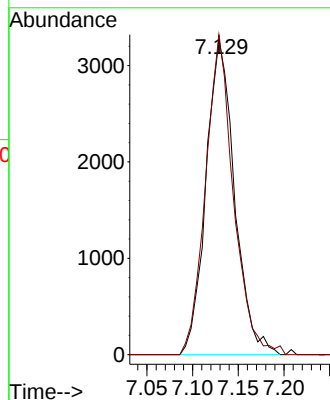
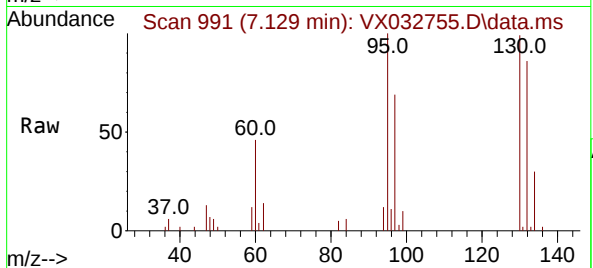
95 101.5 72.4 108.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022



#38

Methylcyclohexane

Concen: 5.048 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX032755.D

Acq: 11 Nov 2022 04:50

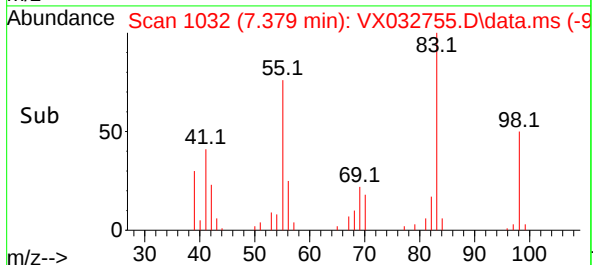
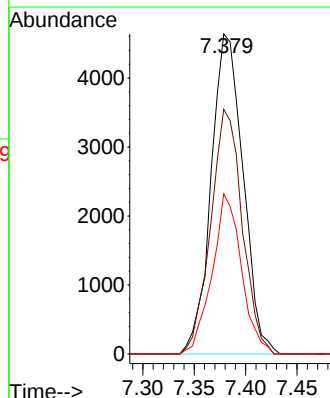
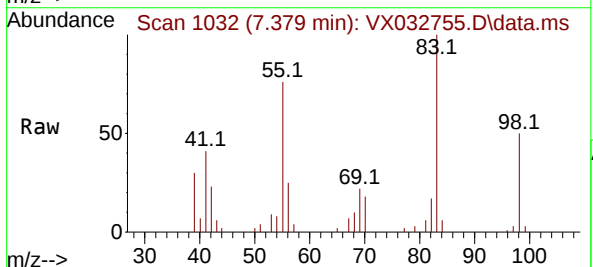
Tgt Ion: 83 Resp: 10015

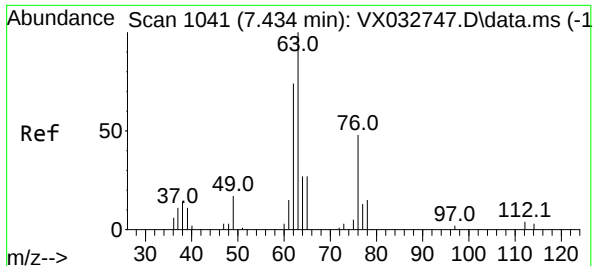
Ion Ratio Lower Upper

83 100

55 75.5 31.6 94.7

98 46.0 26.9 80.6





#39

1,2-Dichloropropane

Concen: 4.967 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX032755.D

Acq: 11 Nov 2022 04:50

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2022

Tgt Ion: 63 Resp: 627

Ion Ratio Lower Upper

63 100

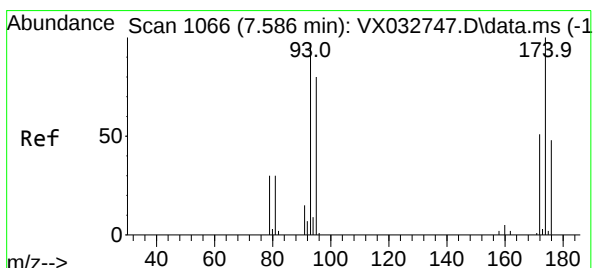
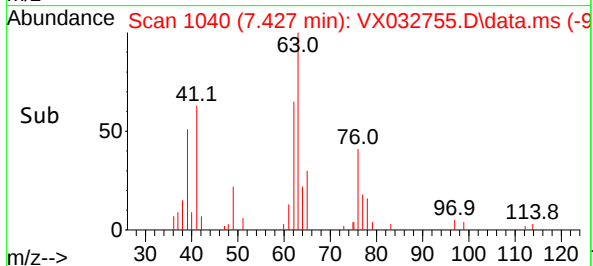
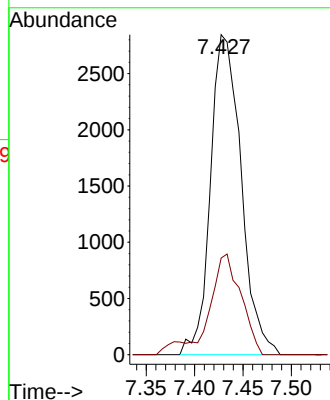
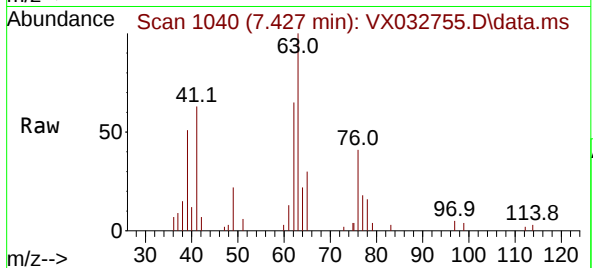
65 30.2 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022



#40

Dibromomethane

Concen: 5.193 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX032755.D

Acq: 11 Nov 2022 04:50

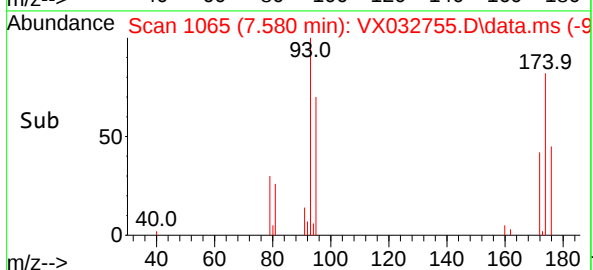
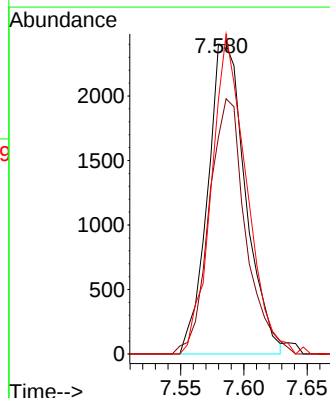
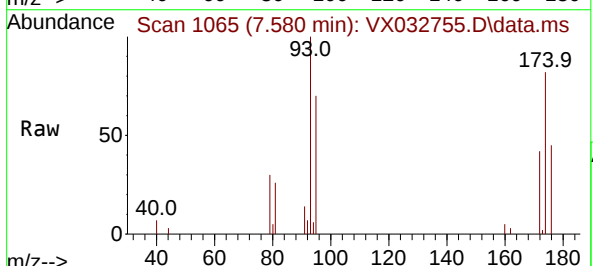
Tgt Ion: 93 Resp: 5008

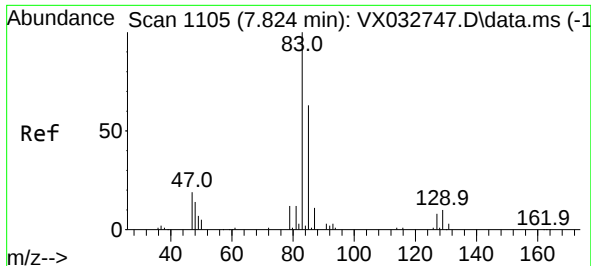
Ion Ratio Lower Upper

93 100

95 79.3 0.0 165.0

174 95.1 0.0 205.2





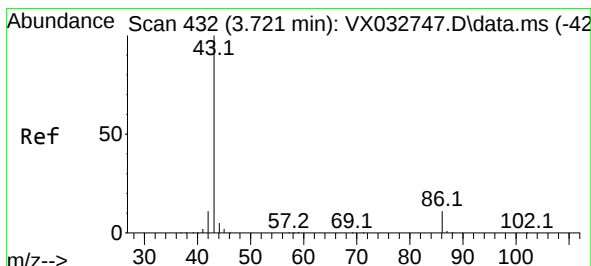
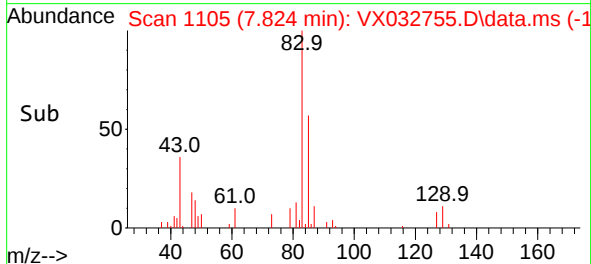
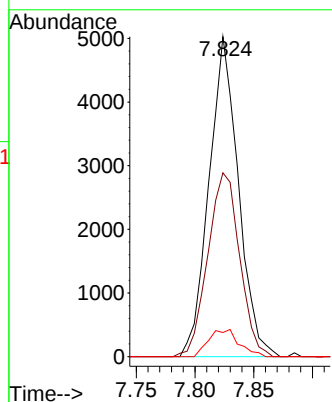
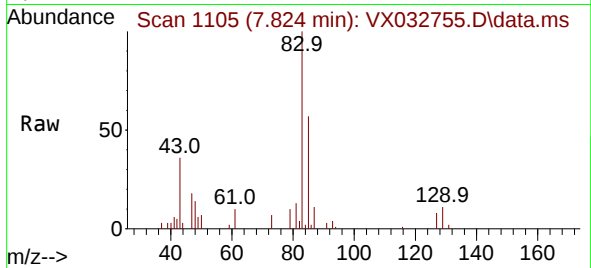
#41
Bromodichloromethane
Concen: 4.758 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX032755.D
Acq: 11 Nov 2022 04:50

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2022

Tgt Ion: 83 Resp: 8740
Ion Ratio Lower Upper
83 100
85 57.4 52.3 78.5
127 7.5 6.8 10.2

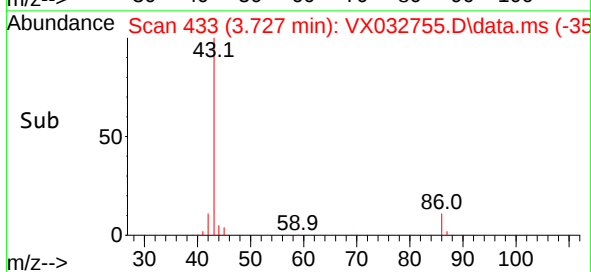
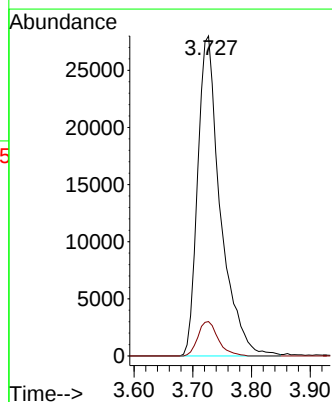
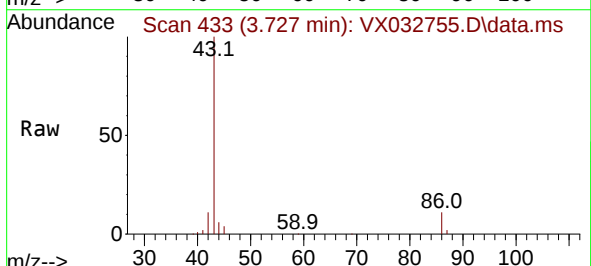
Manual Integrations
APPROVED

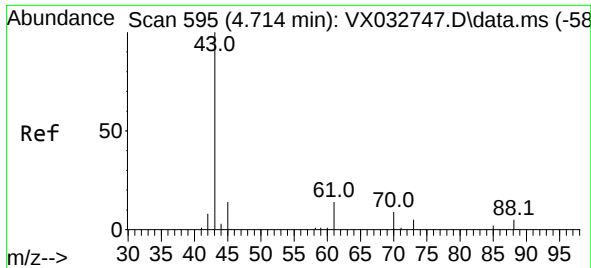
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#42
Vinyl Acetate
Concen: 23.744 ug/l
RT: 3.727 min Scan# 433
Delta R.T. 0.006 min
Lab File: VX032755.D
Acq: 11 Nov 2022 04:50

Tgt Ion: 43 Resp: 75335
Ion Ratio Lower Upper
43 100
86 9.6 10.3 15.5#





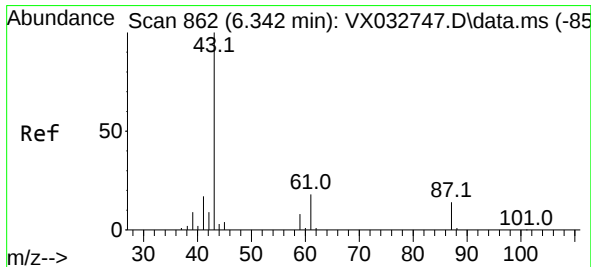
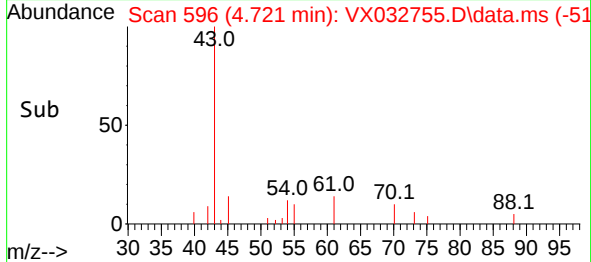
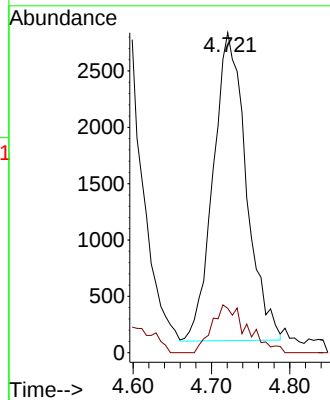
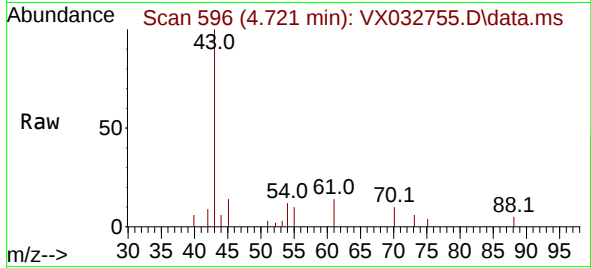
#43
Ethyl Acetate
Concen: 4.822 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.006 min
Lab File: VX032755.D
Acq: 11 Nov 2022 04:50

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2022

Tgt Ion: 43 Resp: 8009
Ion Ratio Lower Upper
43 100
45 9.6 8.2 12.2

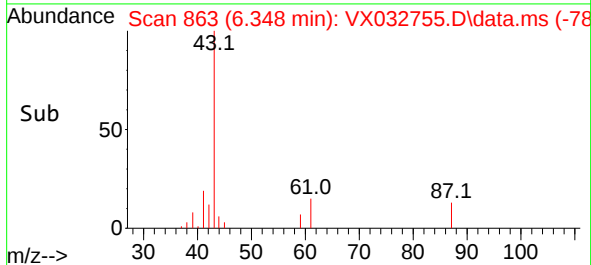
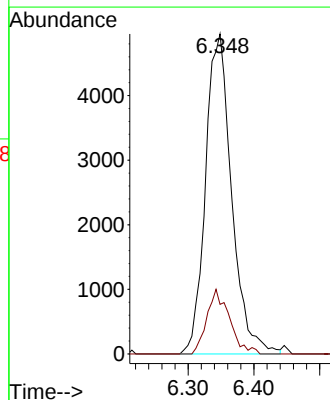
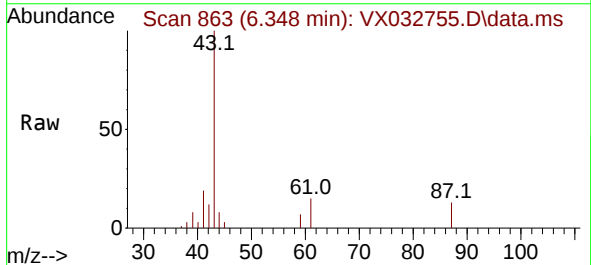
Manual Integrations
APPROVED

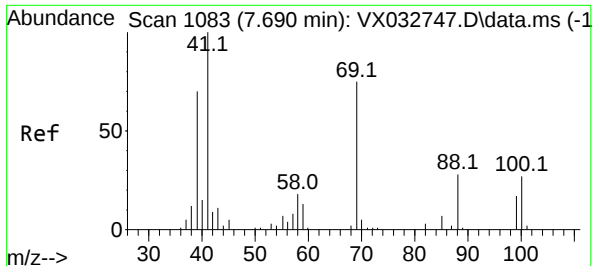
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#44
Isopropyl Acetate
Concen: 4.917 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.006 min
Lab File: VX032755.D
Acq: 11 Nov 2022 04:50

Tgt Ion: 43 Resp: 13687
Ion Ratio Lower Upper
43 100
61 17.0 17.2 25.8#





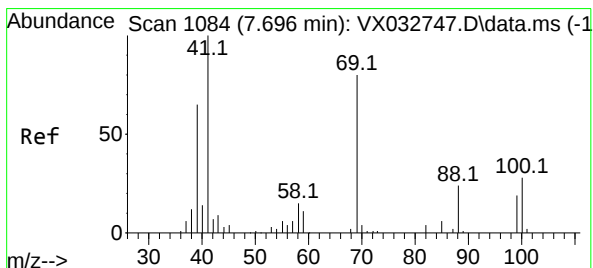
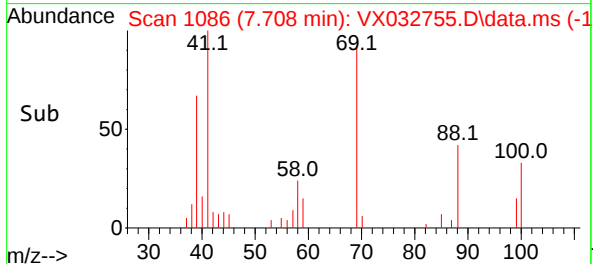
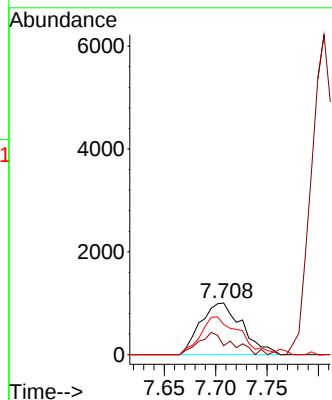
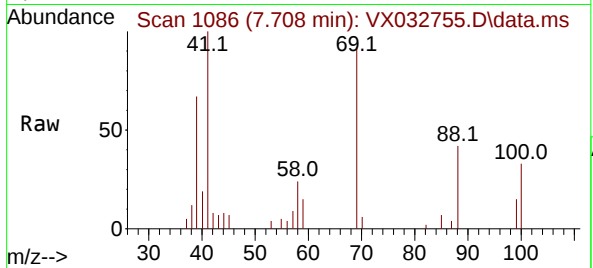
#45
1,4-Dioxane
Concen: 106.144 ug/l
RT: 7.708 min Scan# 1086
Delta R.T. 0.018 min
Lab File: VX032755.D
Acq: 11 Nov 2022 04:50

Instrument :
MSVOA_X
Client Sample Id :
LOQ-WATER-02-QT4-2022

Tgt Ion: 88 Resp: 2838
Ion Ratio Lower Upper
88 100
43 28.1 20.4 30.6
58 68.2 44.0 66.0

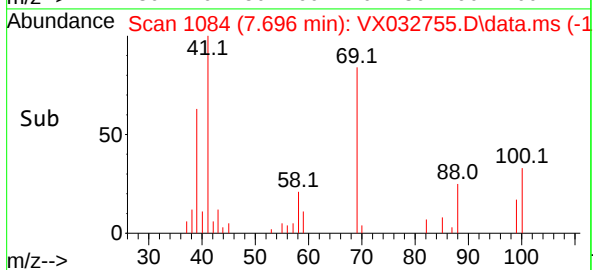
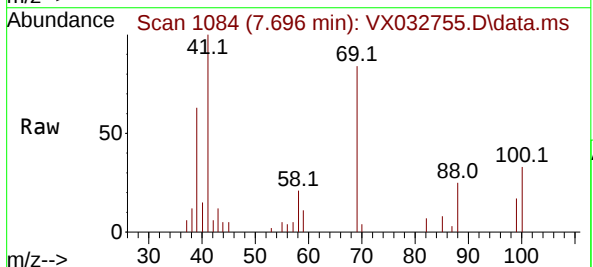
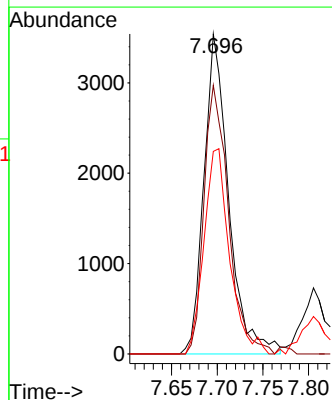
Manual Integrations
APPROVED

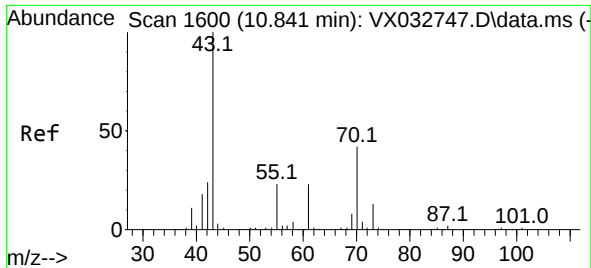
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#46
Methyl methacrylate
Concen: 4.766 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX032755.D
Acq: 11 Nov 2022 04:50

Tgt Ion: 41 Resp: 6679
Ion Ratio Lower Upper
41 100
69 83.9 50.5 151.5
39 63.3 34.6 103.8





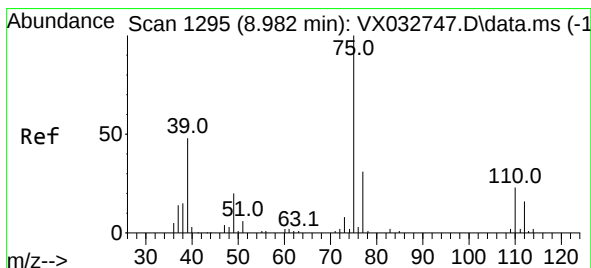
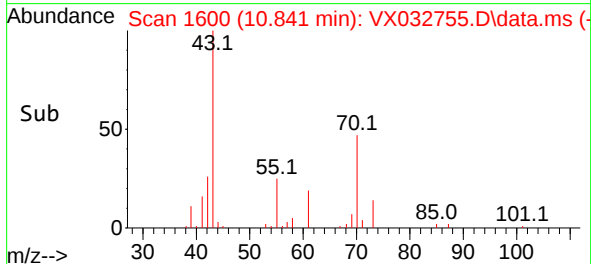
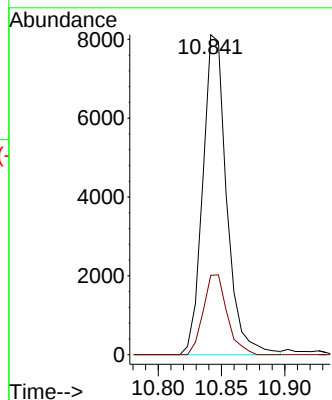
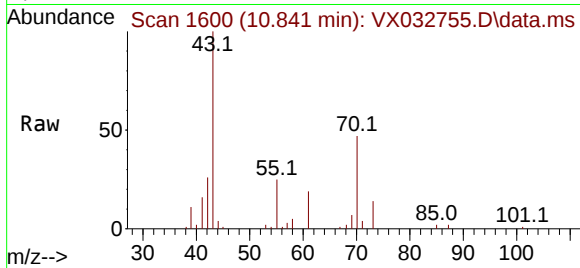
#47
n-amyl acetate
Concen: 4.315 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX032755.D
Acq: 11 Nov 2022 04:50

Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT4-2022

Tgt Ion: 43 Resp: 10679
Ion Ratio Lower Upper
43 100
55 24.9 21.6 32.4

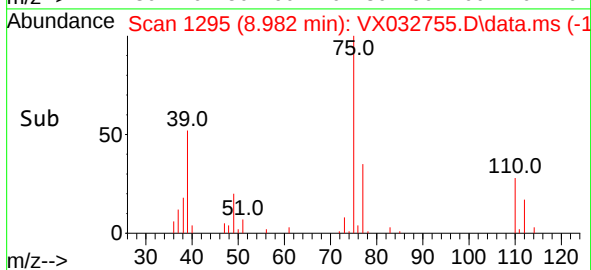
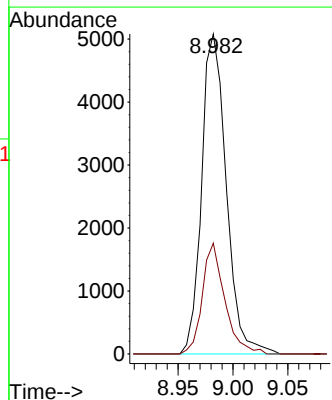
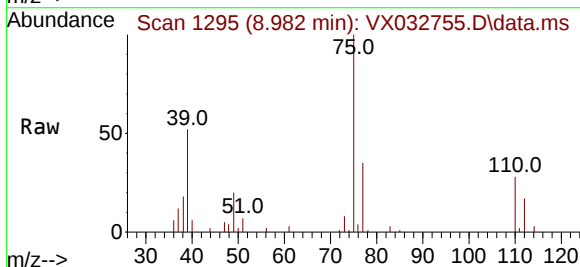
Manual Integrations
APPROVED

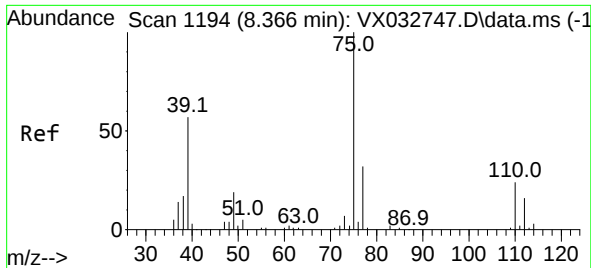
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#48
t-1,3-Dichloropropene
Concen: 4.218 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VX032755.D
Acq: 11 Nov 2022 04:50

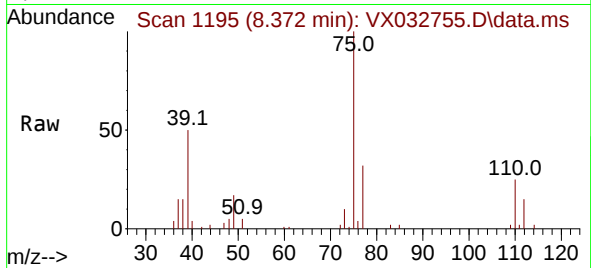
Tgt Ion: 75 Resp: 7953
Ion Ratio Lower Upper
75 100
77 34.6 25.4 38.0





#49
cis-1,3-Dichloropropene
Concen: 4.394 ug/l
RT: 8.372 min Scan# 1195
Delta R.T. 0.006 min
Lab File: VX032755.D
Acq: 11 Nov 2022 04:50

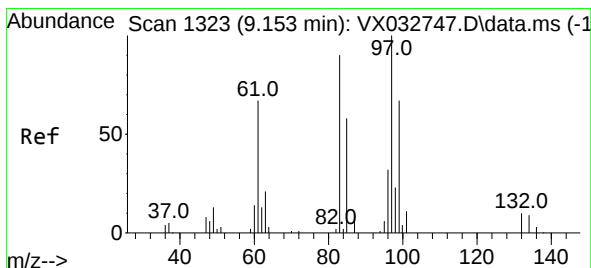
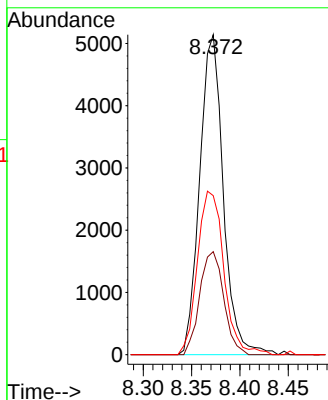
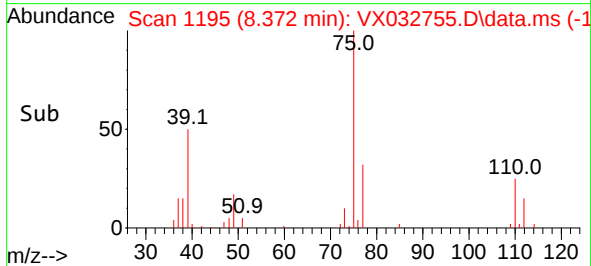
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT4-2022



Tgt Ion: 75 Resp: 8748
Ion Ratio Lower Upper
75 100
77 32.2 25.7 38.5
39 49.7 34.1 51.1

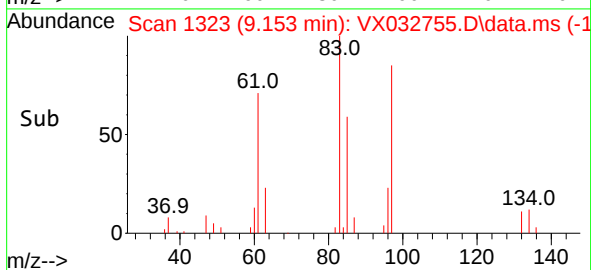
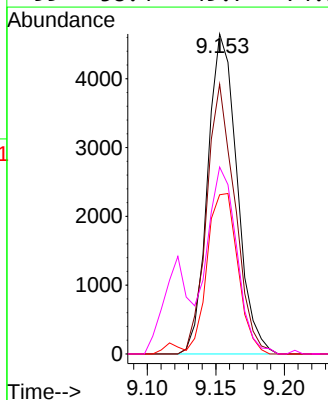
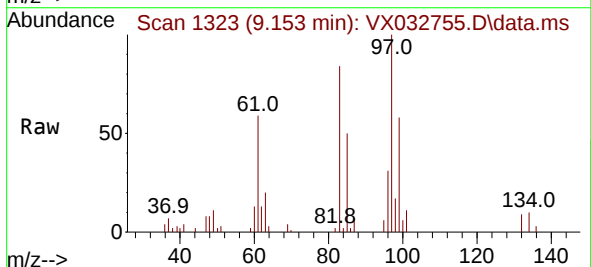
Manual Integrations
APPROVED

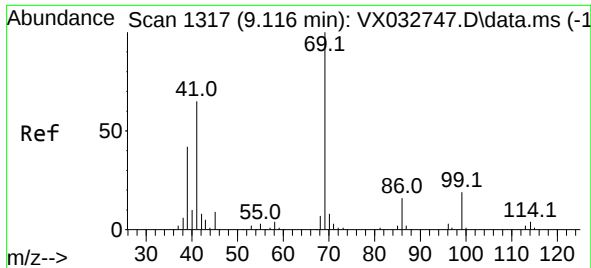
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#50
1,1,2-Trichloroethane
Concen: 5.230 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX032755.D
Acq: 11 Nov 2022 04:50

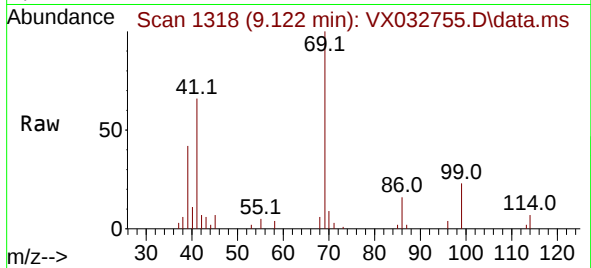
Tgt Ion: 97 Resp: 6934
Ion Ratio Lower Upper
97 100
83 84.3 62.2 93.4
85 49.8 44.2 66.2
99 58.4 49.7 74.5





#51
Ethyl methacrylate
Concen: 4.607 ug/l
RT: 9.122 min Scan# 1317
Delta R.T. 0.006 min
Lab File: VX032755.D
Acq: 11 Nov 2022 04:50

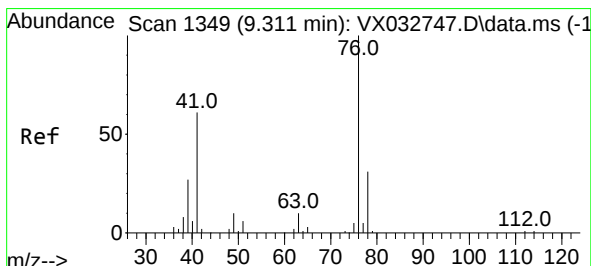
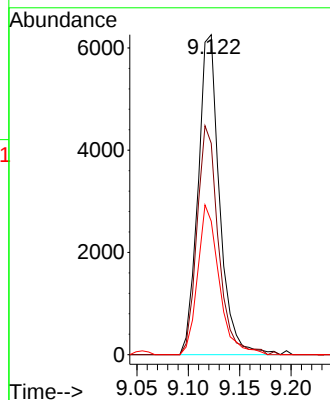
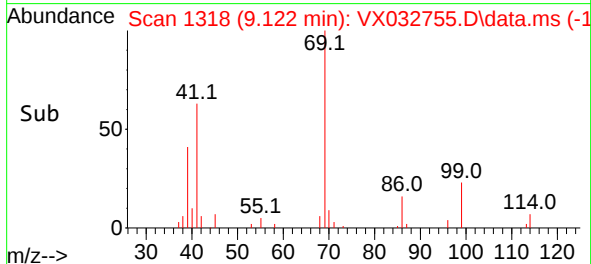
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion: 69 Resp: 912
Ion Ratio Lower Upper
69 100
41 66.0 25.9 77.7
39 41.7 17.8 53.3

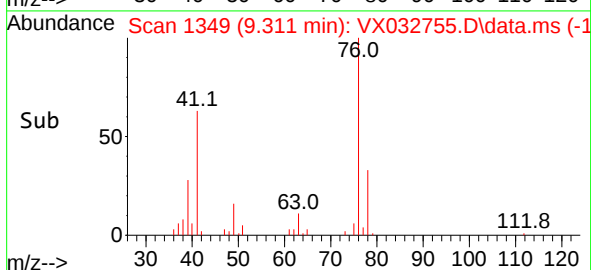
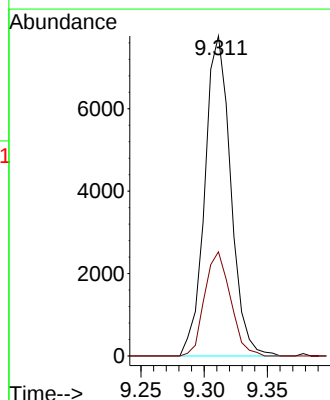
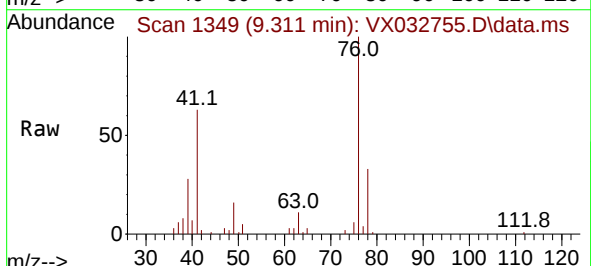
Manual Integrations
APPROVED

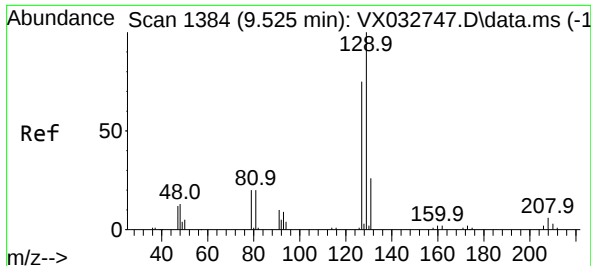
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#52
1,3-Dichloropropane
Concen: 5.112 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VX032755.D
Acq: 11 Nov 2022 04:50

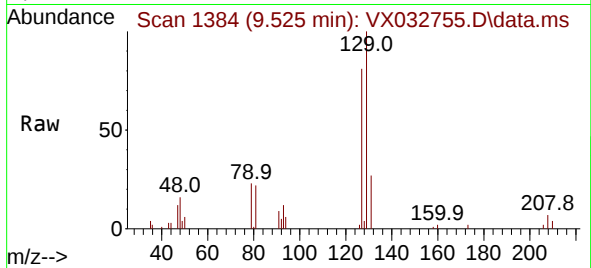
Tgt Ion: 76 Resp: 11080
Ion Ratio Lower Upper
76 100
78 32.5 0.0 66.0





#53
Dibromochloromethane
Concen: 4.373 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VX032755.D
Acq: 11 Nov 2022 04:50

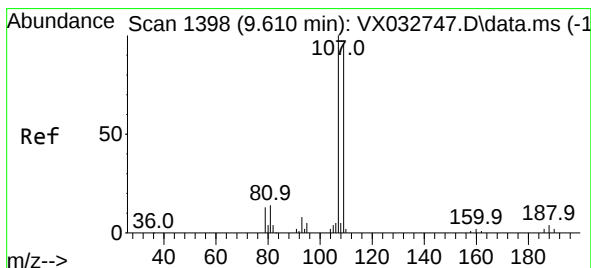
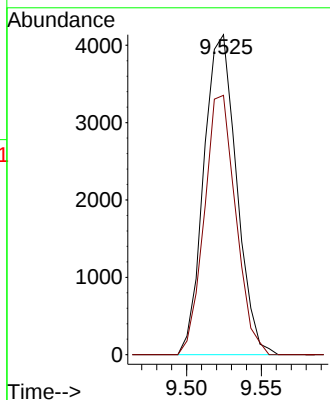
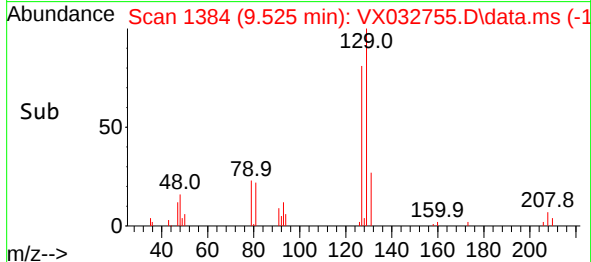
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:129 Resp: 630
Ion Ratio Lower Upper
129 100
127 77.8 39.0 117.0

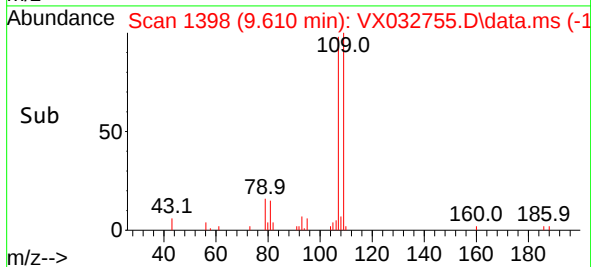
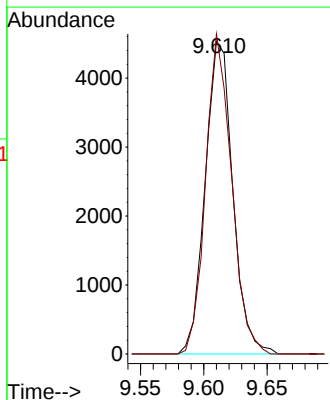
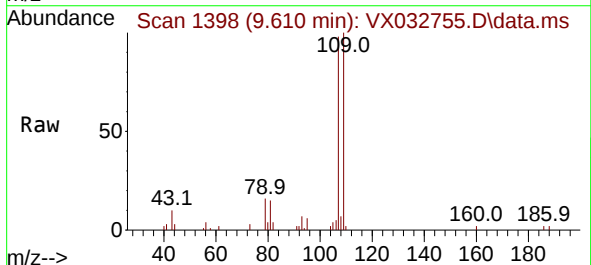
Manual Integrations
APPROVED

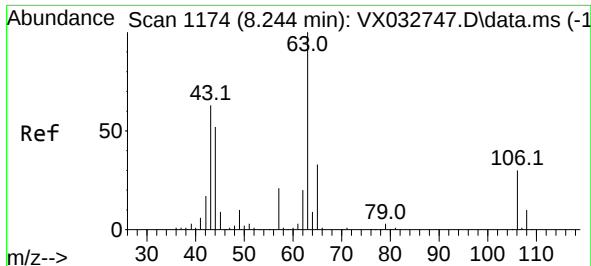
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#54
1,2-Dibromoethane
Concen: 4.820 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX032755.D
Acq: 11 Nov 2022 04:50

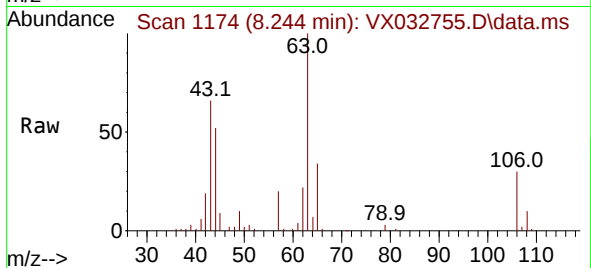
Tgt Ion:107 Resp: 6884
Ion Ratio Lower Upper
107 100
109 96.0 75.0 112.6





#55
2-Chloroethyl vinyl ether
Concen: 23.940 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX032755.D
Acq: 11 Nov 2022 04:50

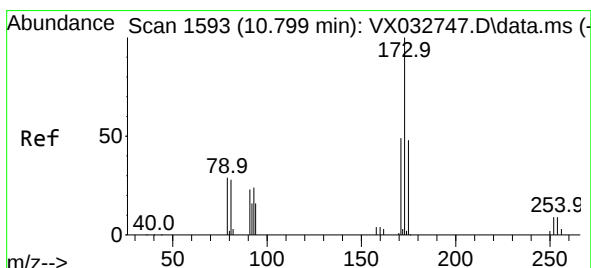
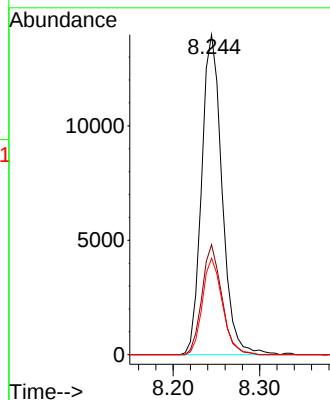
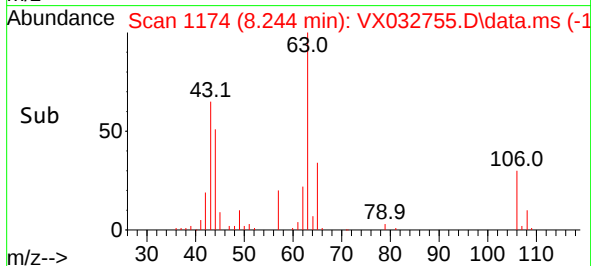
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion: 63 Resp: 22908
Ion Ratio Lower Upper
63 100
65 33.2 25.5 38.3
106 29.6 28.9 43.3

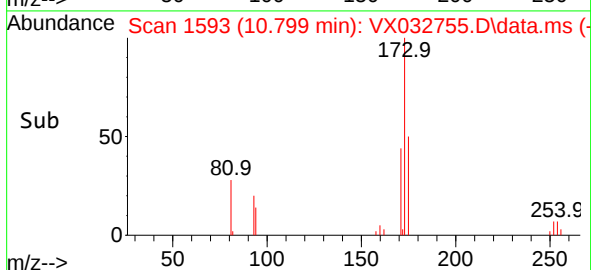
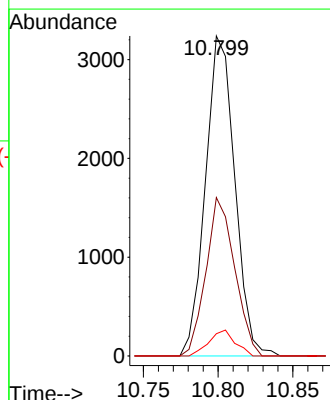
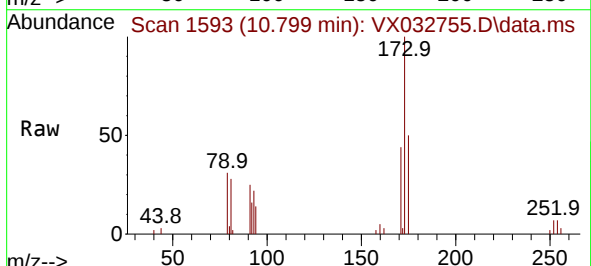
Manual Integrations
APPROVED

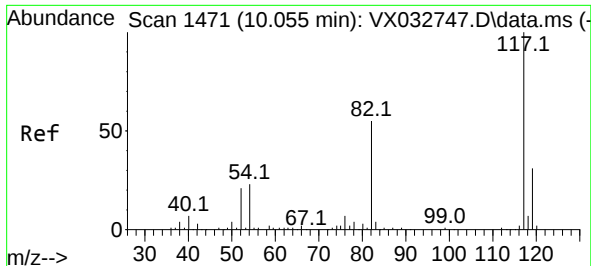
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#56
Bromoform
Concen: 4.283 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX032755.D
Acq: 11 Nov 2022 04:50

Tgt Ion:173 Resp: 4421
Ion Ratio Lower Upper
173 100
175 48.5 38.6 58.0
254 7.2 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: VX032755.D

Acq: 11 Nov 2022 04:50

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2022

Tgt Ion: 117 Resp: 84278

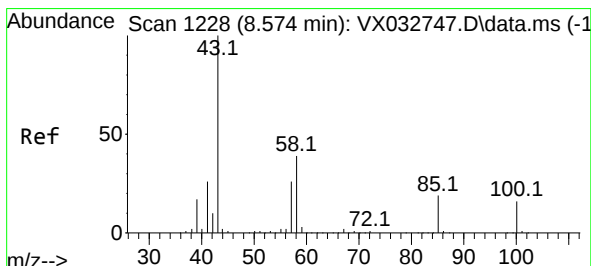
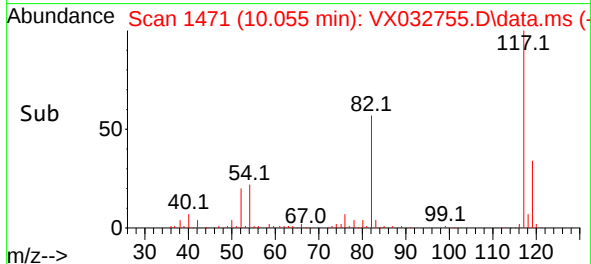
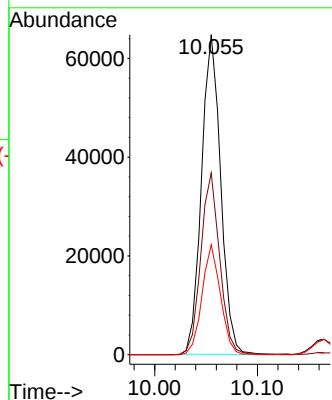
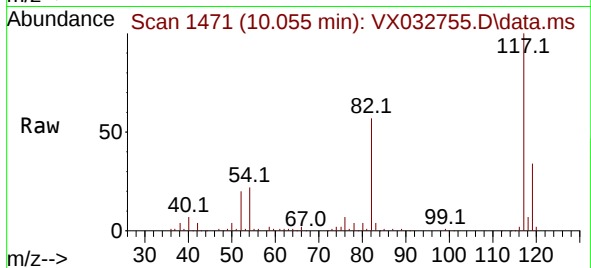
Ion	Ratio	Lower	Upper
117	100		
82	55.9	40.0	60.0
119	33.0	26.0	39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022



#58

4-Methyl-2-Pentanone

Concen: 27.160 ug/l

RT: 8.574 min Scan# 1228

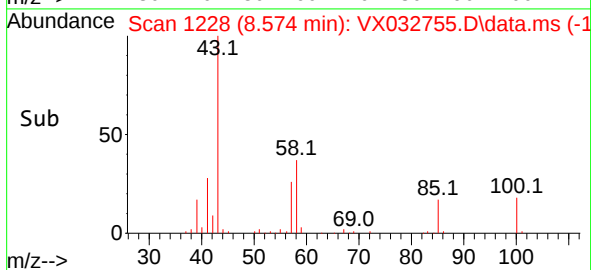
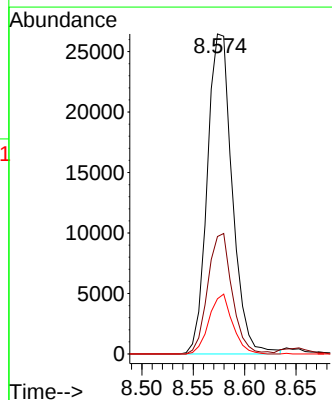
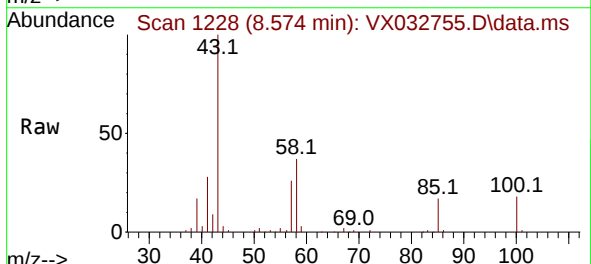
Delta R.T. 0.000 min

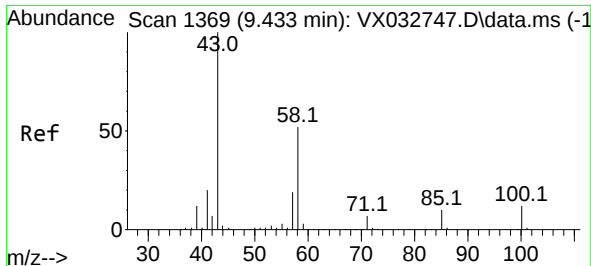
Lab File: VX032755.D

Acq: 11 Nov 2022 04:50

Tgt Ion: 43 Resp: 44809

Ion	Ratio	Lower	Upper
43	100		
58	36.6	34.9	52.3
85	17.5	19.4	29.2





#59

2-Hexanone

Concen: 25.788 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX032755.D

Acq: 11 Nov 2022 04:50

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2022

Tgt Ion: 43 Resp: 3132

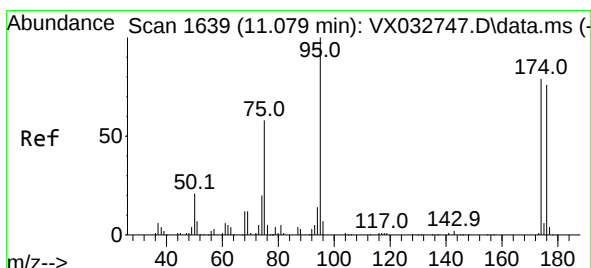
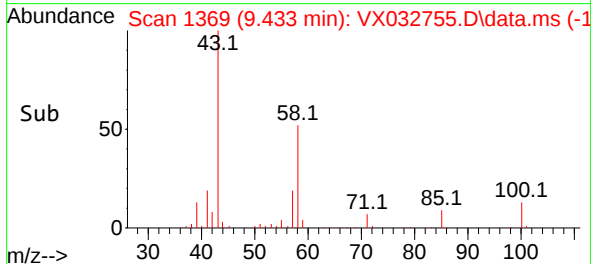
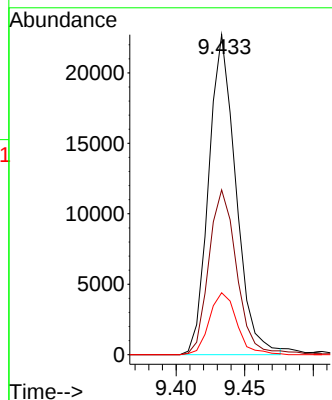
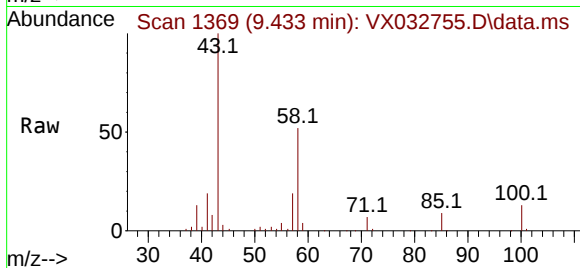
Ion	Ratio	Lower	Upper
43	100		
58	53.2	49.0	73.6
57	19.6	17.0	25.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022



#60

4-Bromofluorobenzene

Concen: 28.578 ug/l

RT: 11.079 min Scan# 1639

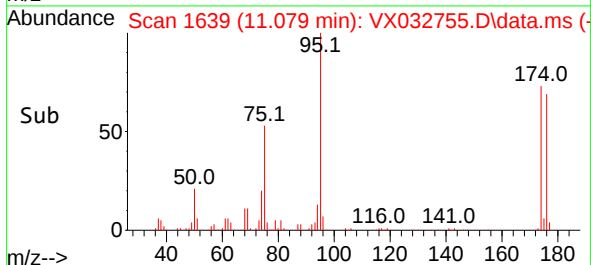
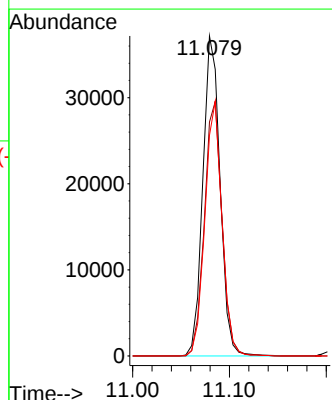
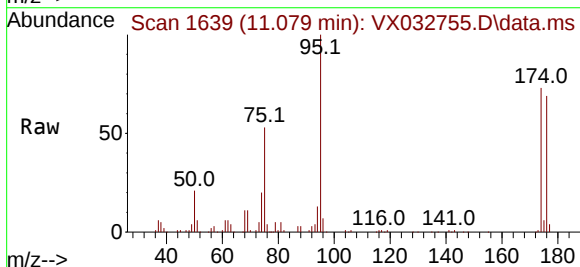
Delta R.T. 0.000 min

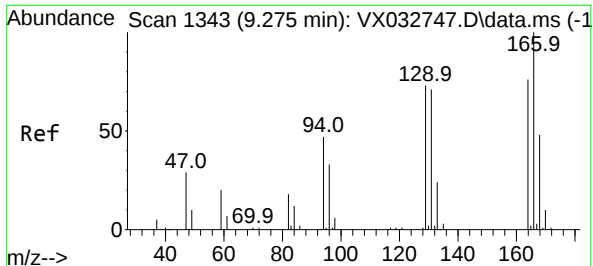
Lab File: VX032755.D

Acq: 11 Nov 2022 04:50

Tgt Ion: 95 Resp: 46072

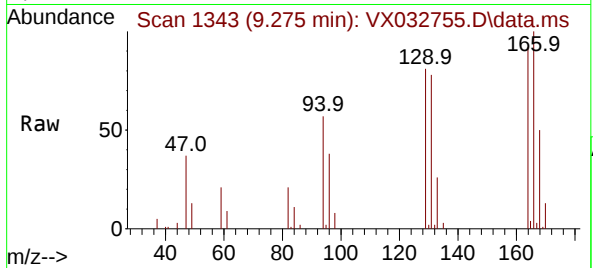
Ion	Ratio	Lower	Upper
95	100		
174	81.5	68.2	102.2
176	79.0	68.1	102.1





#61
Tetrachloroethene
Concen: 5.392 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX032755.D
Acq: 11 Nov 2022 04:50

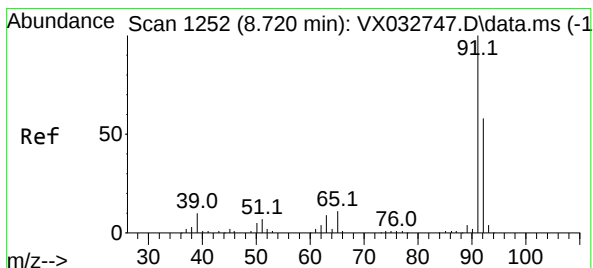
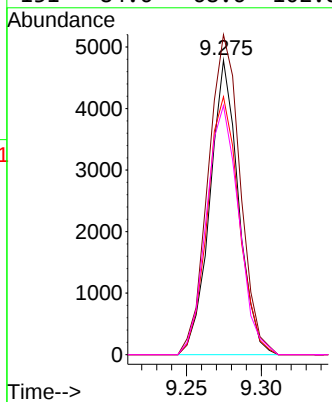
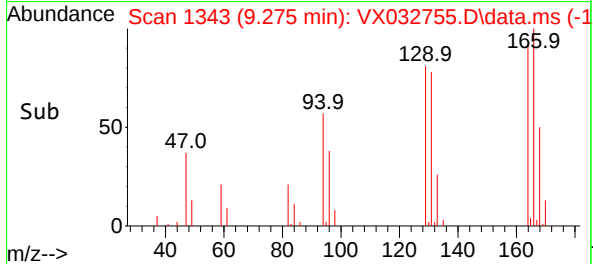
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT4-2022



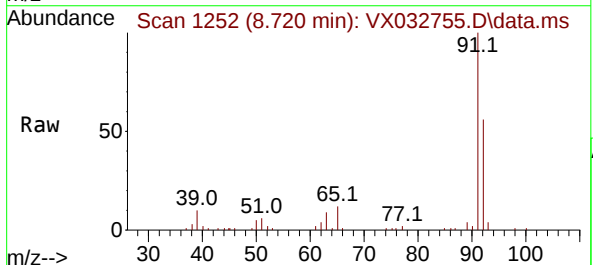
Tgt Ion:164 Resp: 635
Ion Ratio Lower Upper
164 100
166 108.7 102.8 154.2
129 87.6 73.0 109.4
131 84.6 68.6 102.8

Manual Integrations
APPROVED

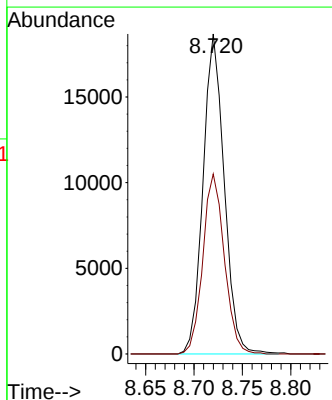
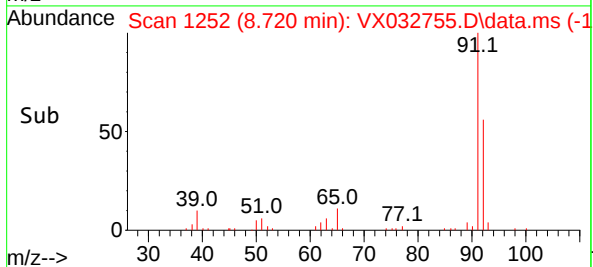
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

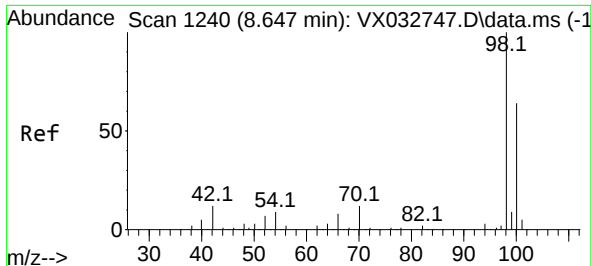


#62
Toluene
Concen: 5.196 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX032755.D
Acq: 11 Nov 2022 04:50



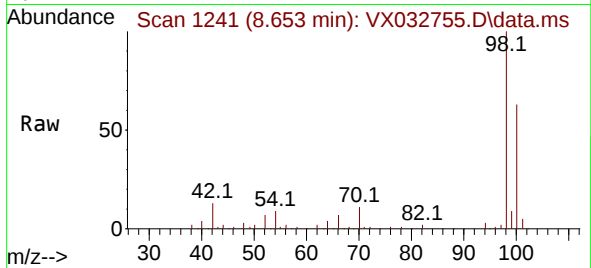
Tgt Ion: 91 Resp: 28480
Ion Ratio Lower Upper
91 100
92 57.2 47.3 70.9





#63
Toluene-d8
Concen: 30.070 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX032755.D
Acq: 11 Nov 2022 04:50

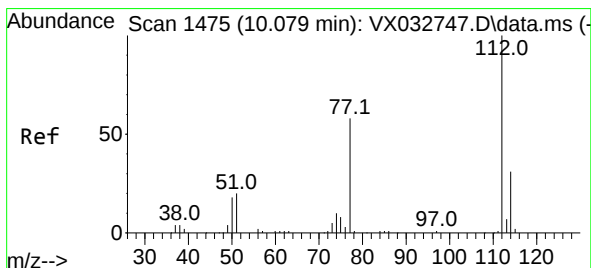
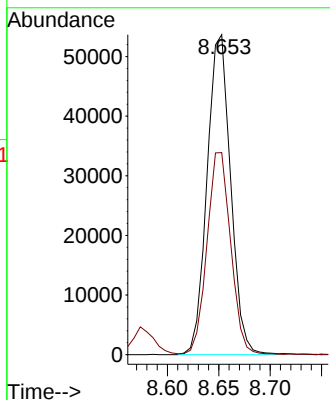
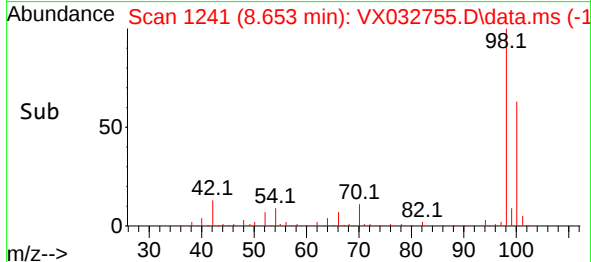
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion: 98 Resp: 8552
Ion Ratio Lower Upper
98 100
100 63.8 53.8 80.8

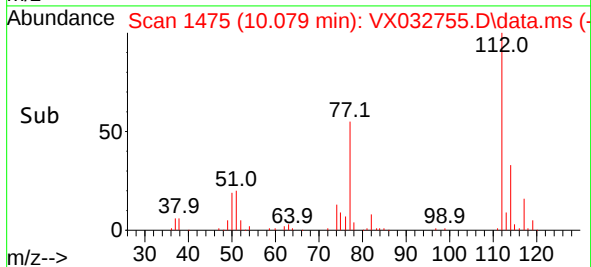
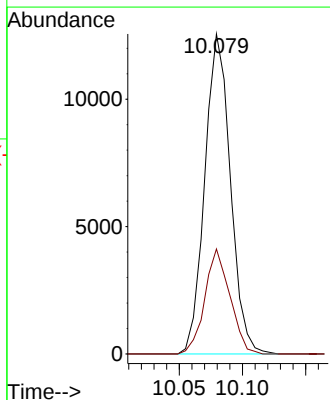
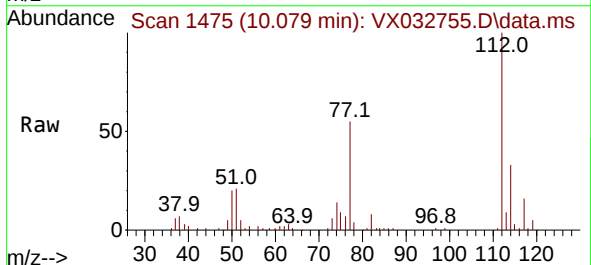
Manual Integrations
APPROVED

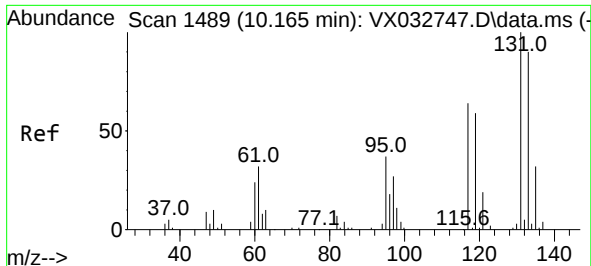
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#64
Chlorobenzene
Concen: 5.224 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX032755.D
Acq: 11 Nov 2022 04:50

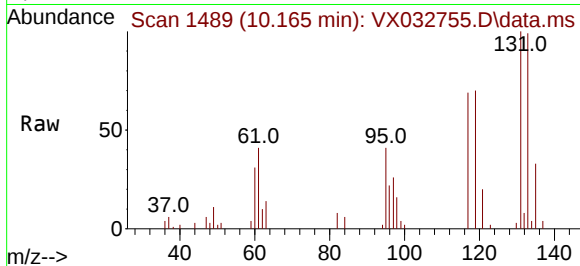
Tgt Ion:112 Resp: 17702
Ion Ratio Lower Upper
112 100
114 32.8 25.7 38.5





#65
1,1,1,2-Tetrachloroethane
Concen: 4.731 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX032755.D
Acq: 11 Nov 2022 04:50

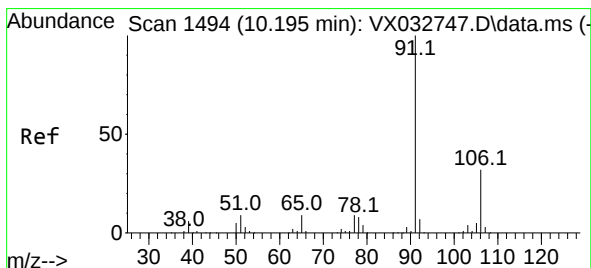
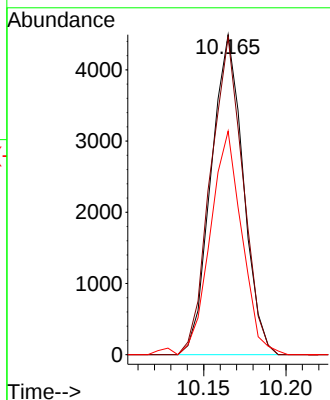
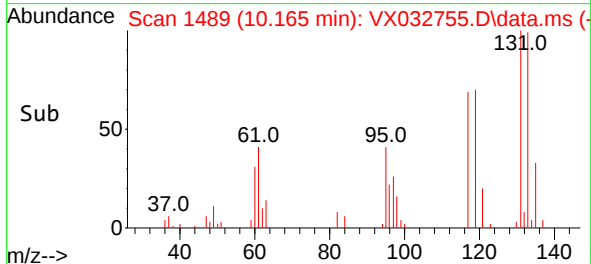
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT4-2022



Tgt Ion	Ratio	Lower	Upper
131	100		
133	100.1	0.0	189.4
119	68.5	0.0	127.0

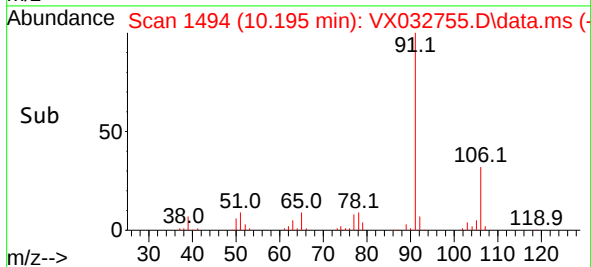
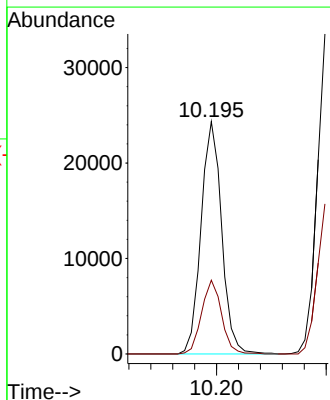
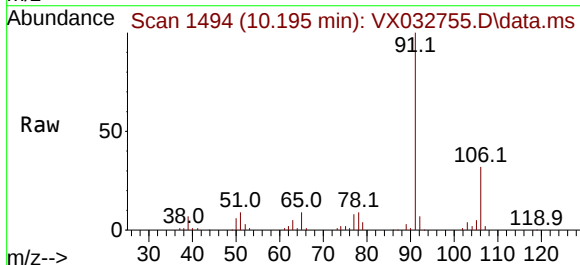
Manual Integrations
APPROVED

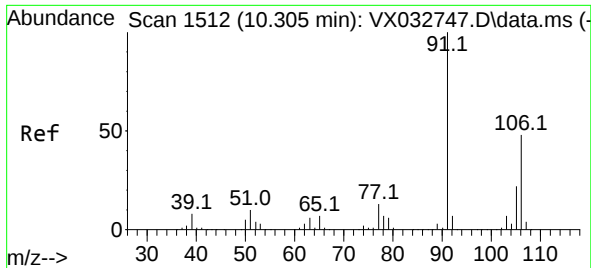
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#66
Ethyl Benzene
Concen: 5.174 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX032755.D
Acq: 11 Nov 2022 04:50

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.7	26.7	40.1





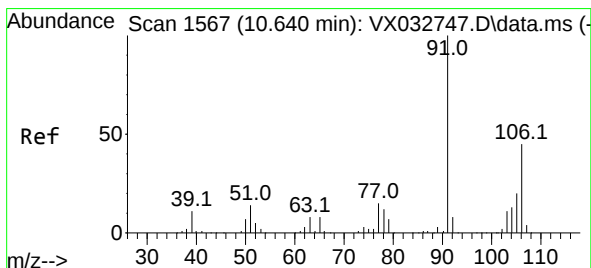
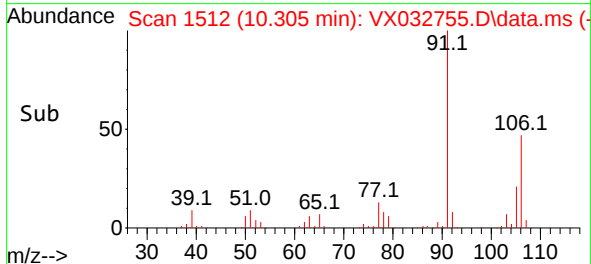
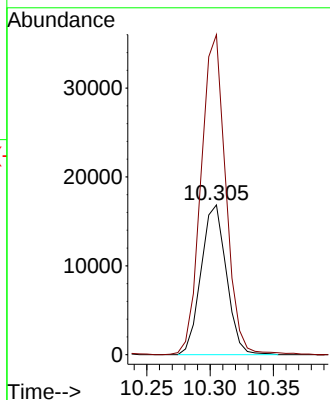
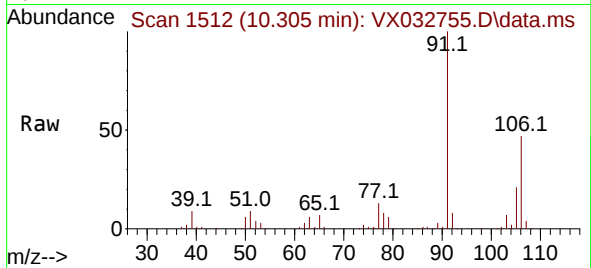
#67
m/p-Xylenes
Concen: 9.814 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX032755.D
Acq: 11 Nov 2022 04:50

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2022

Tgt Ion:106 Resp: 23479
Ion Ratio Lower Upper
106 100
91 209.4 152.3 228.5

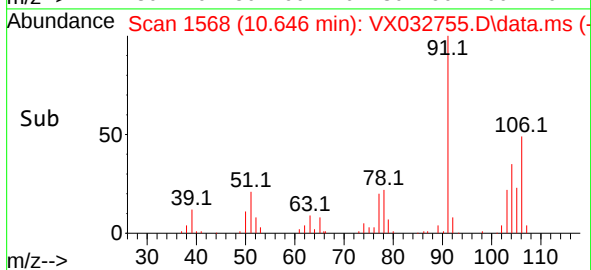
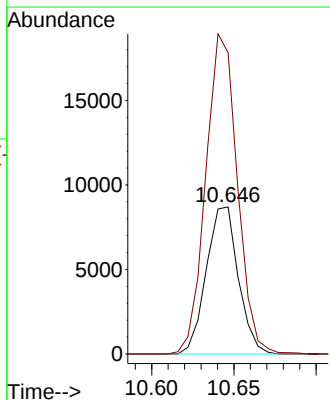
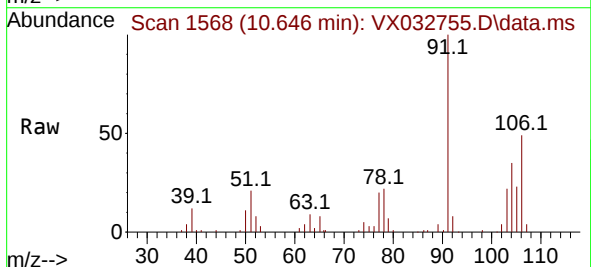
Manual Integrations
APPROVED

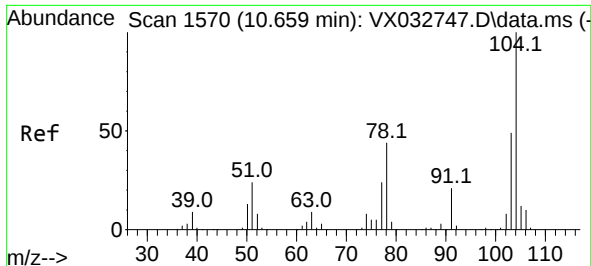
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#68
o-Xylene
Concen: 5.004 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX032755.D
Acq: 11 Nov 2022 04:50

Tgt Ion:106 Resp: 11748
Ion Ratio Lower Upper
106 100
91 215.1 101.9 305.7





#69

Styrene

Concen: 4.757 ug/l

RT: 10.659 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX032755.D

Acq: 11 Nov 2022 04:50

Instrument :

MSVOA_X

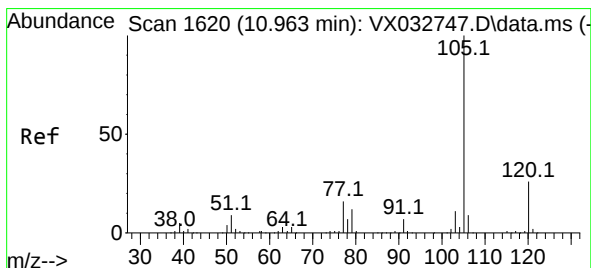
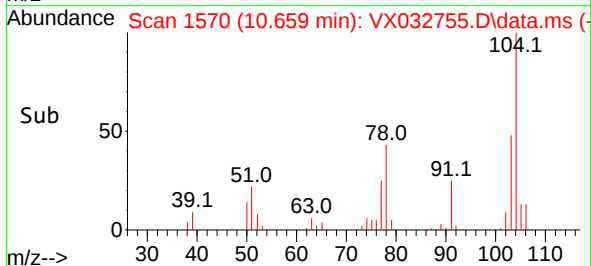
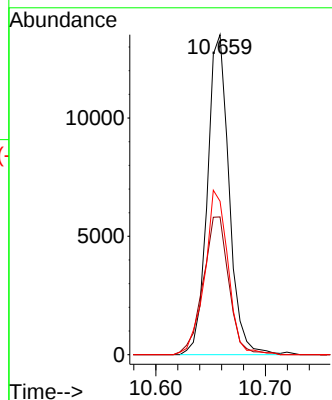
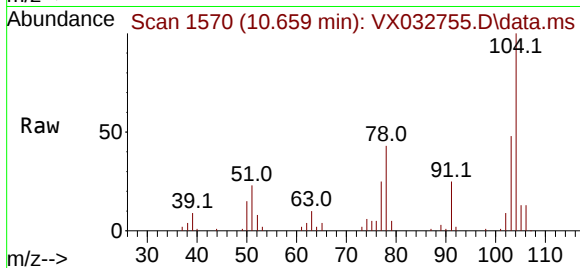
ClientSampleId :

LOQ-WATER-02-QT4-2022

Tgt Ion:104	Resp:	1856
Ion Ratio	Lower	Upper
104	100	
78	51.3	36.6 55.0
103	55.5	43.3 64.9

Manual Integrations
APPROVED

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



#70

Isopropylbenzene

Concen: 4.859 ug/l

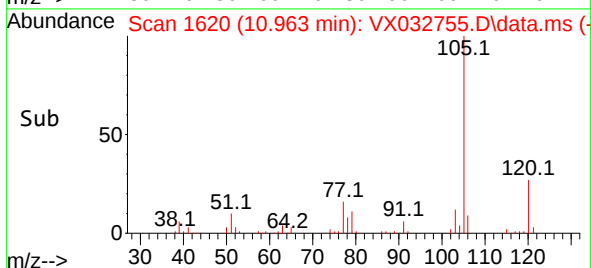
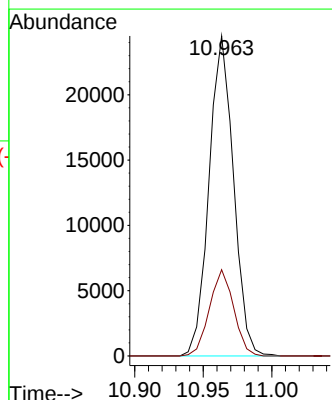
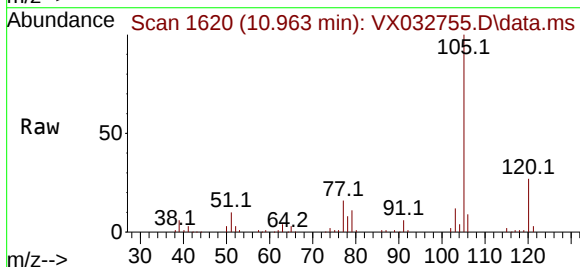
RT: 10.963 min Scan# 1620

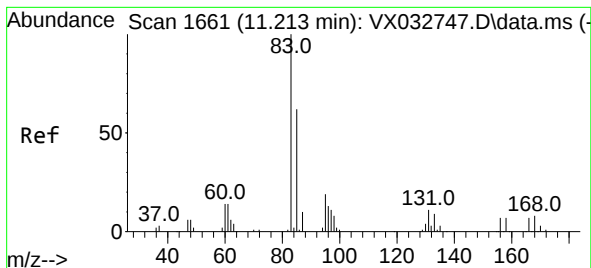
Delta R.T. 0.000 min

Lab File: VX032755.D

Acq: 11 Nov 2022 04:50

Tgt Ion:105	Resp:	30457
Ion Ratio	Lower	Upper
105	100	
120	26.6	19.3 35.9





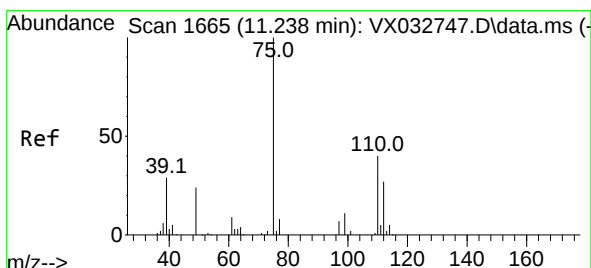
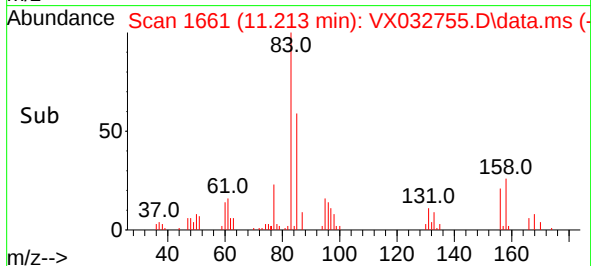
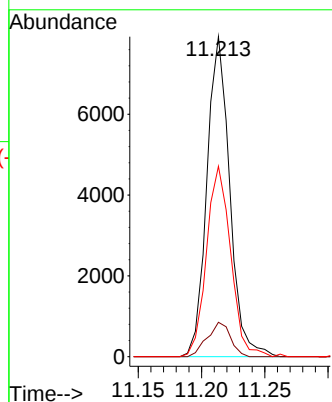
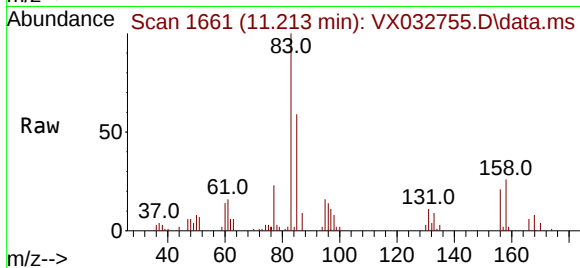
#71
1,1,2,2-Tetrachloroethane
Concen: 5.241 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX032755.D
Acq: 11 Nov 2022 04:50

Instrument : MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2022

Tgt Ion: 83 Resp: 996
Ion Ratio Lower Upper
83 100
131 10.9 6.0 18.1
85 62.8 32.8 98.3

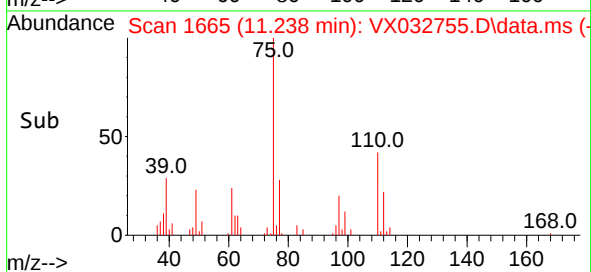
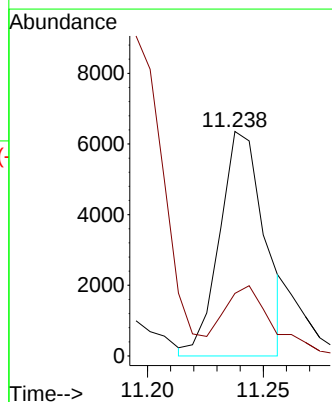
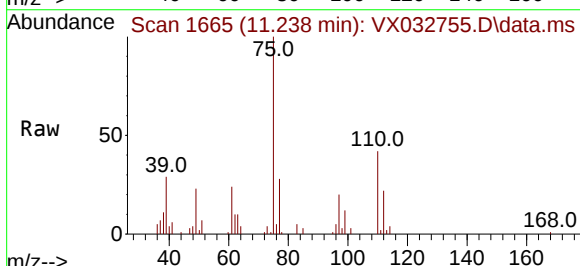
Manual Integrations
APPROVED

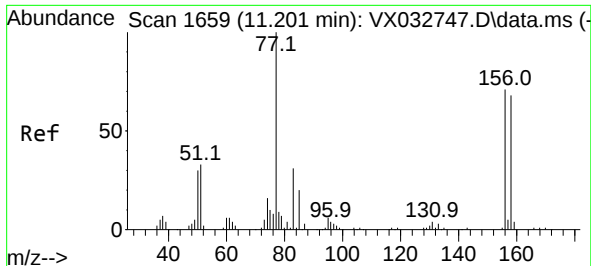
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#72
1,2,3-Trichloropropane
Concen: 5.171 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX032755.D
Acq: 11 Nov 2022 04:50

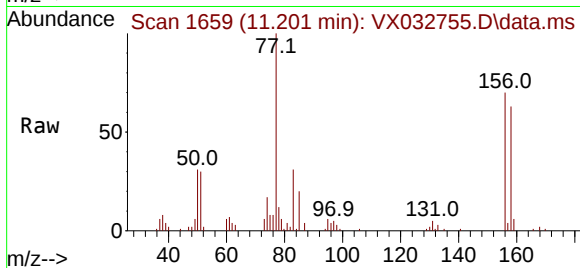
Tgt Ion: 75 Resp: 8538
Ion Ratio Lower Upper
75 100
77 34.4 0.0 76.6





#73
Bromobenzene
Concen: 5.093 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX032755.D
Acq: 11 Nov 2022 04:50

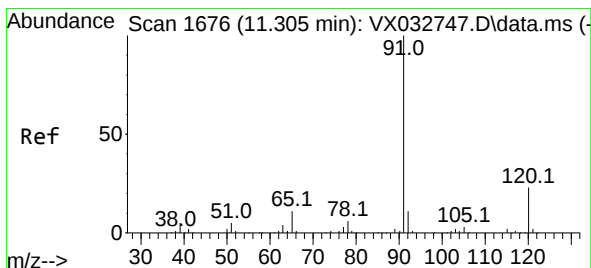
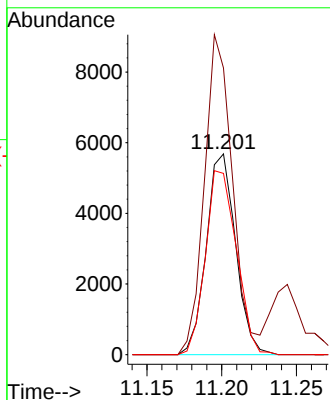
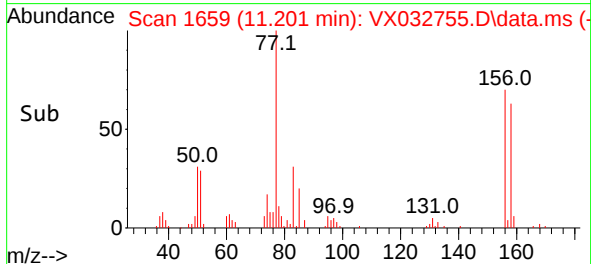
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2022



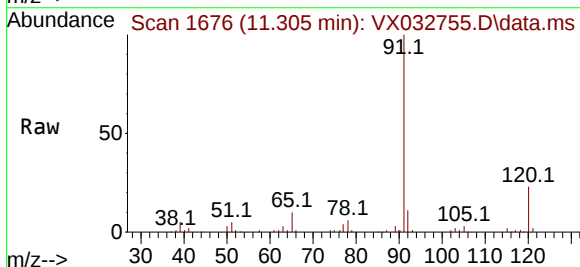
Tgt Ion:156 Resp: 7750
Ion Ratio Lower Upper
156 100
77 153.1 0.0 259.2
158 96.7 0.0 193.2

Manual Integrations
APPROVED

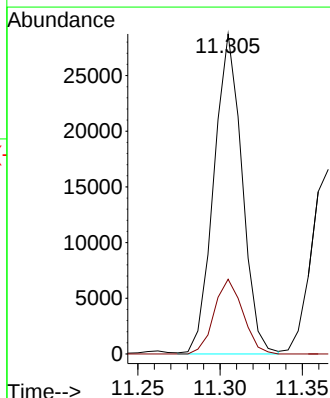
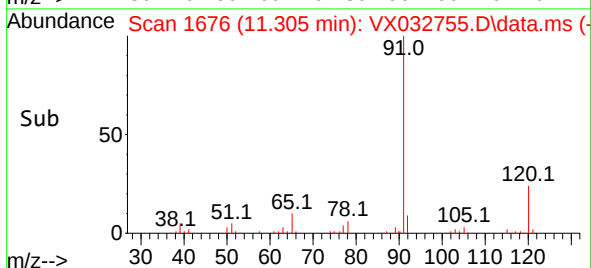
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

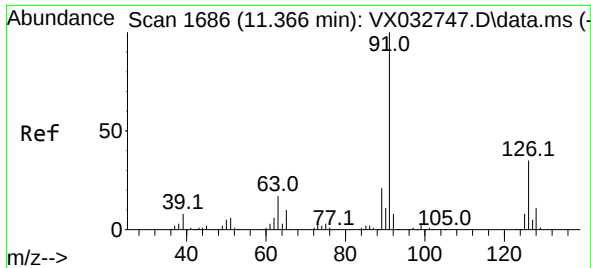


#74
n-propylbenzene
Concen: 4.812 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX032755.D
Acq: 11 Nov 2022 04:50



Tgt Ion: 91 Resp: 34275
Ion Ratio Lower Upper
91 100
120 23.7 0.0 51.0





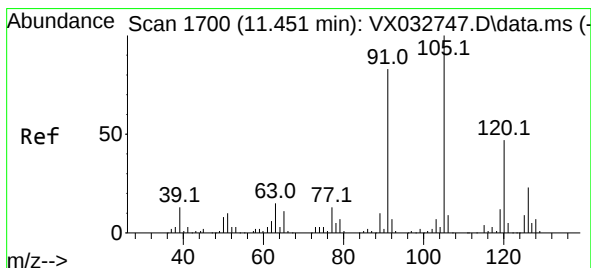
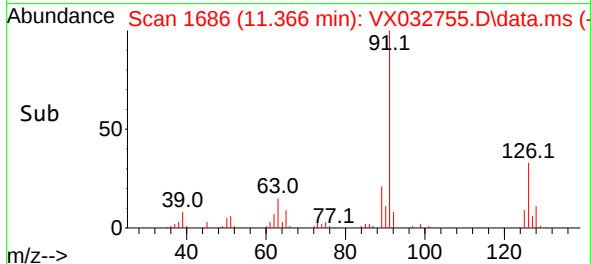
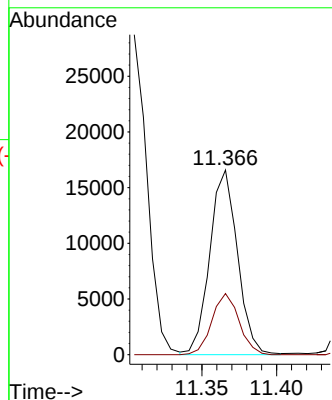
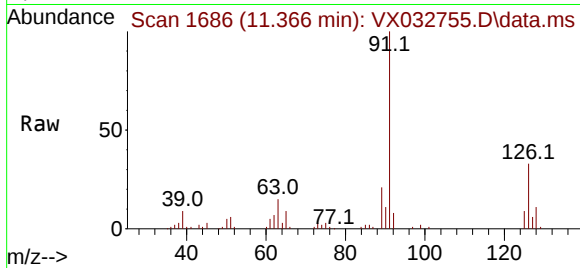
#75
2-Chlorotoluene
Concen: 4.969 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX032755.D
Acq: 11 Nov 2022 04:50

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2022

Tgt Ion: 91 Resp: 21428
Ion Ratio Lower Upper
91 100
126 32.3 0.0 76.4

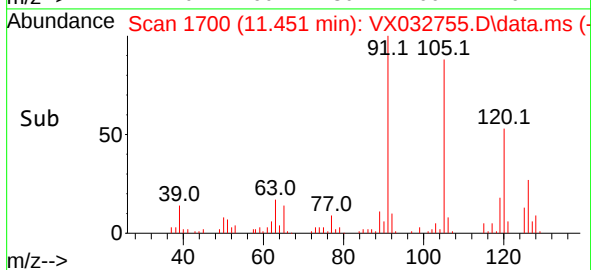
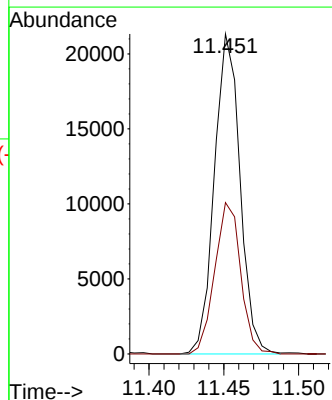
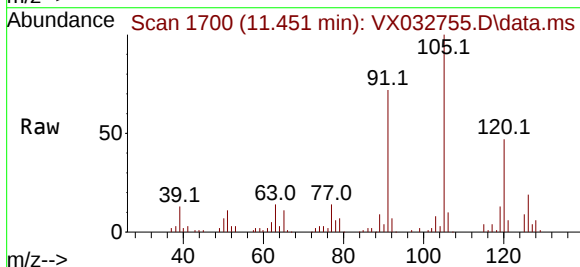
Manual Integrations
APPROVED

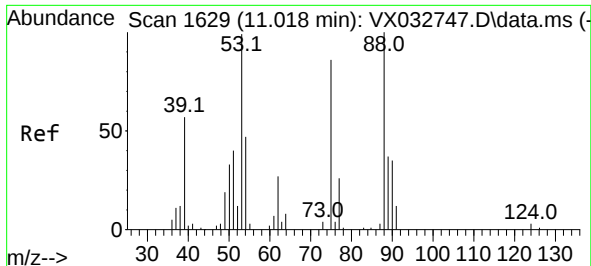
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#76
1,3,5-Trimethylbenzene
Concen: 4.792 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX032755.D
Acq: 11 Nov 2022 04:50

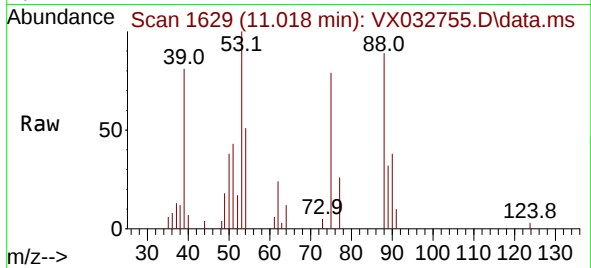
Tgt Ion:105 Resp: 25397
Ion Ratio Lower Upper
105 100
120 47.8 0.0 100.6





#77
t-1,4-Dichloro-2-butene
Concen: 3.727 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX032755.D
Acq: 11 Nov 2022 04:50

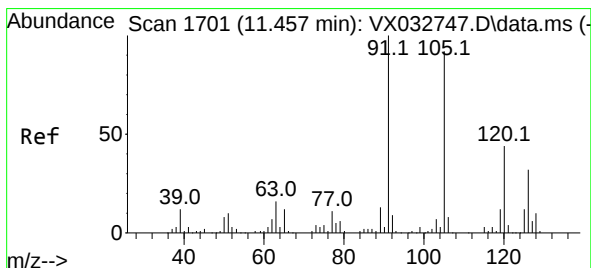
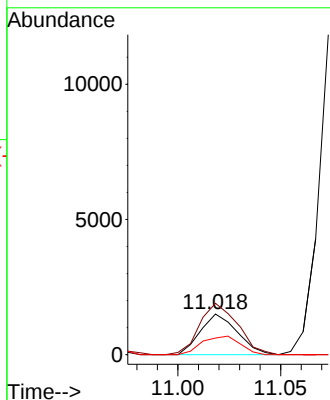
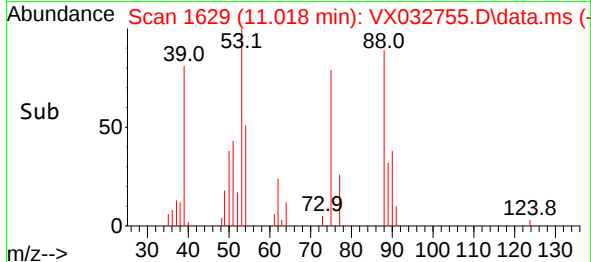
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion: 75 Resp: 1878
Ion Ratio Lower Upper
75 100
53 126.4 51.8 155.4
89 41.0 22.9 68.8

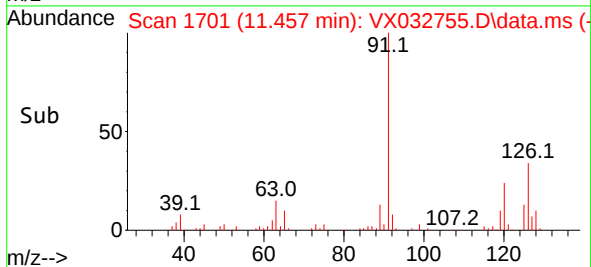
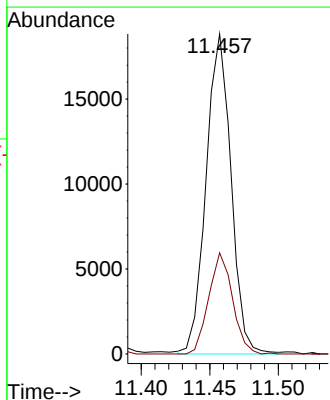
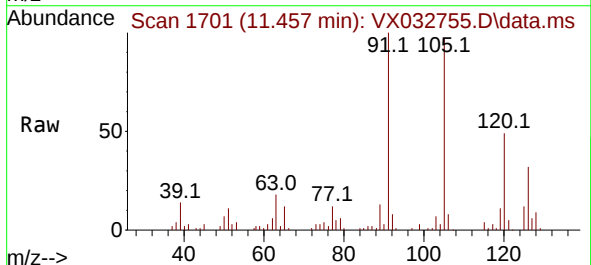
Manual Integrations
APPROVED

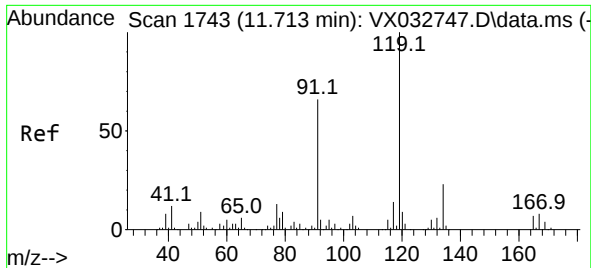
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#78
4-Chlorotoluene
Concen: 4.794 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX032755.D
Acq: 11 Nov 2022 04:50

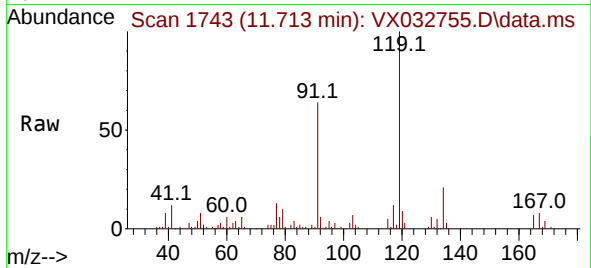
Tgt Ion: 91 Resp: 23815
Ion Ratio Lower Upper
91 100
126 30.1 0.0 67.0





#79
tert-butylbenzene
Concen: 4.929 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX032755.D
Acq: 11 Nov 2022 04:50

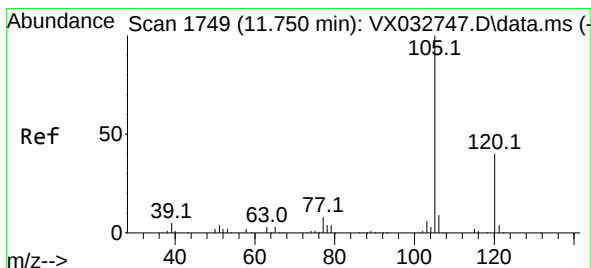
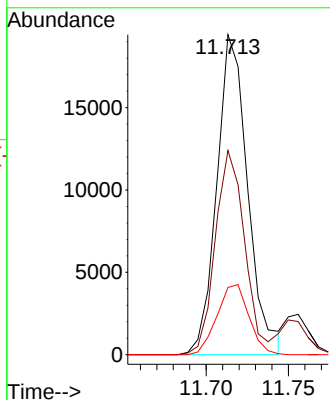
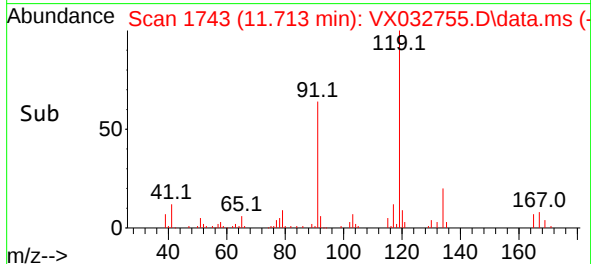
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT4-2022



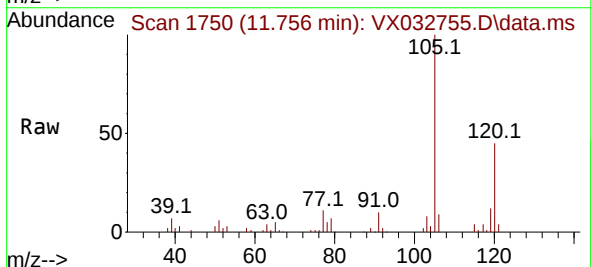
Tgt Ion:119 Resp: 2538
Ion Ratio Lower Upper
119 100
91 60.6 0.0 112.0
134 22.6 0.0 51.0

Manual Integrations
APPROVED

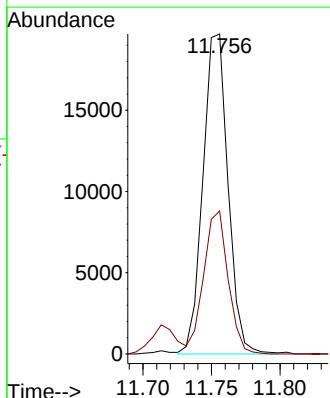
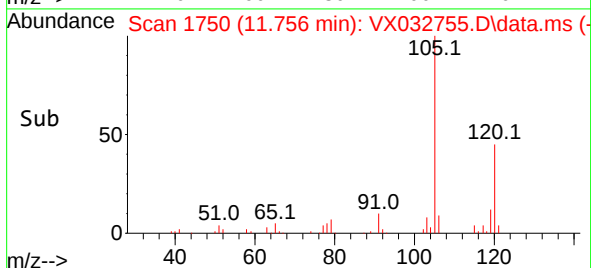
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

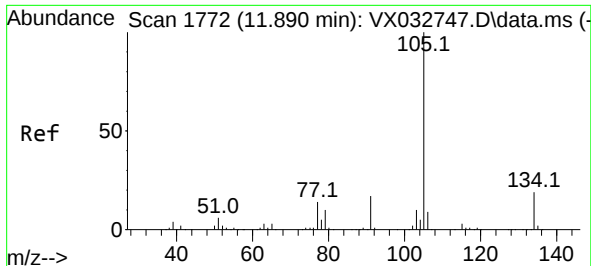


#80
1,2,4-Trimethylbenzene
Concen: 4.836 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX032755.D
Acq: 11 Nov 2022 04:50



Tgt Ion:105 Resp: 25059
Ion Ratio Lower Upper
105 100
120 43.6 0.0 95.0





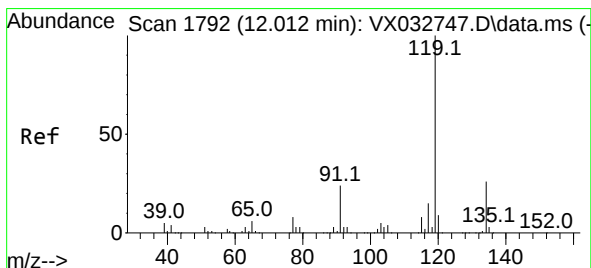
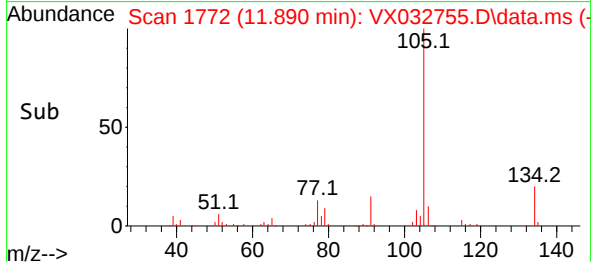
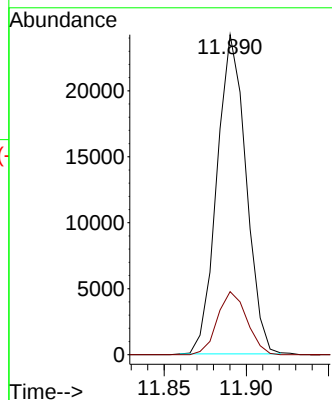
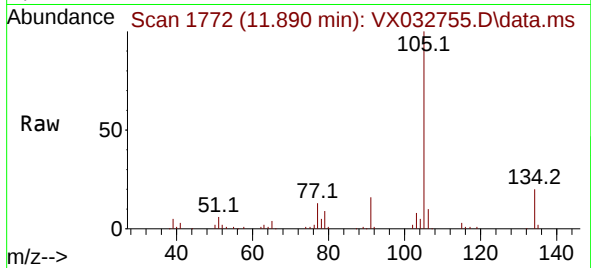
#81
 sec-Butylbenzene
 Concen: 4.804 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX032755.D
 Acq: 11 Nov 2022 04:50

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT4-2022

Tgt Ion:105 Resp: 2978
 Ion Ratio Lower Upper
 105 100
 134 19.9 0.0 44.4

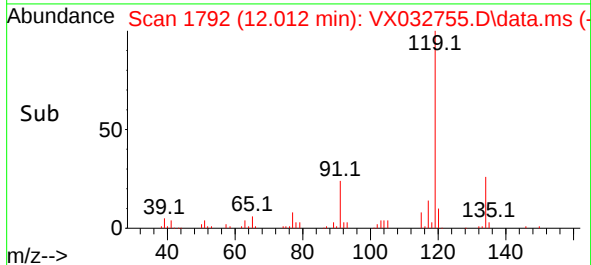
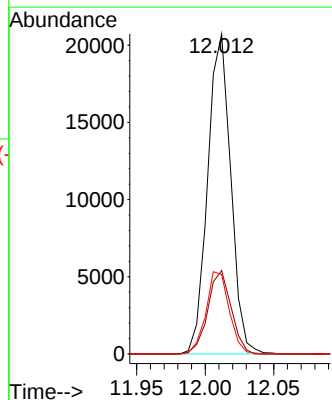
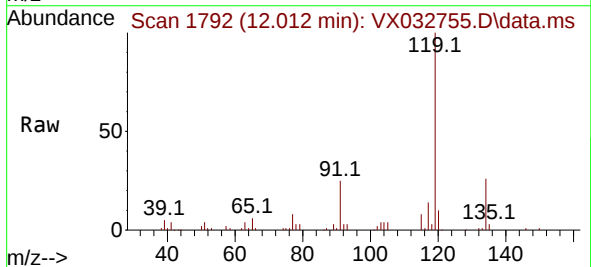
Manual Integrations
 APPROVED

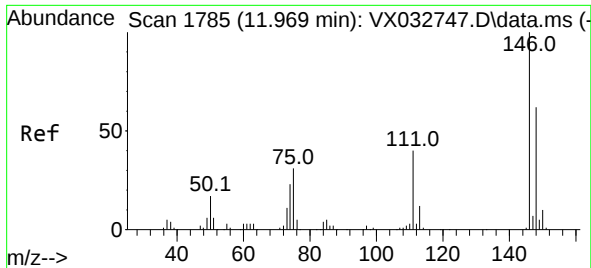
Reviewed By :John Carlone 11/11/2022
 Supervised By :Mahesh Dadoda 11/11/2022



#82
 p-Isopropyltoluene
 Concen: 4.652 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX032755.D
 Acq: 11 Nov 2022 04:50

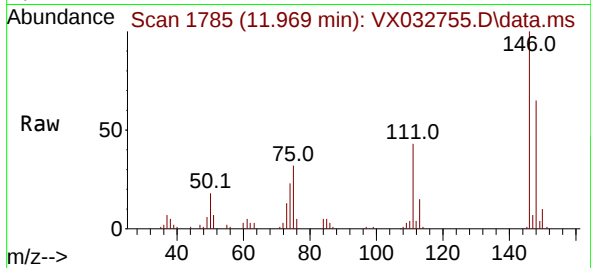
Tgt Ion:119 Resp: 24310
 Ion Ratio Lower Upper
 119 100
 134 26.3 0.0 55.4
 91 25.9 0.0 45.6





#83
1,3-Dichlorobenzene
Concen: 4.911 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX032755.D
Acq: 11 Nov 2022 04:50

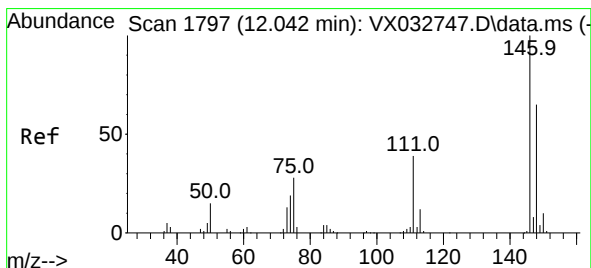
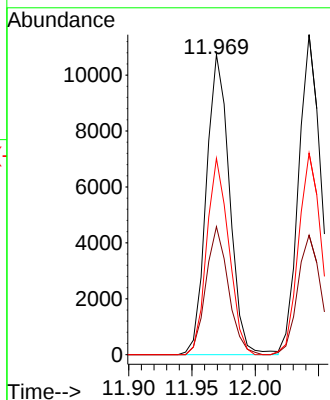
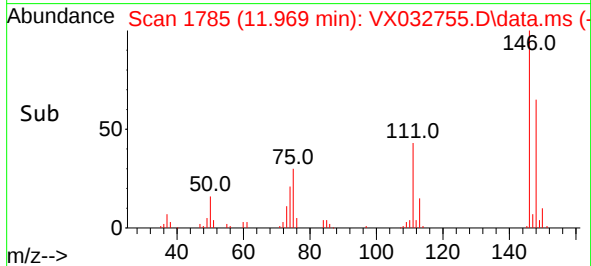
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2022



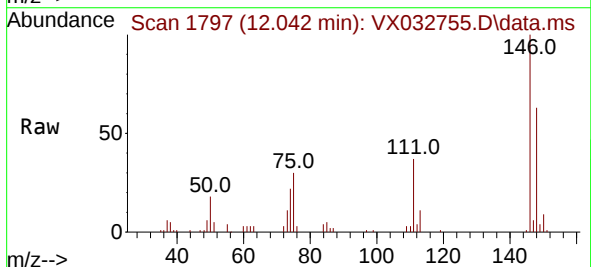
Tgt Ion:146 Resp: 1372
Ion Ratio Lower Upper
146 100
111 41.3 19.4 58.1
148 62.2 32.6 97.7

Manual Integrations
APPROVED

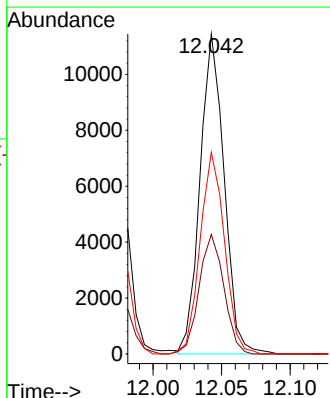
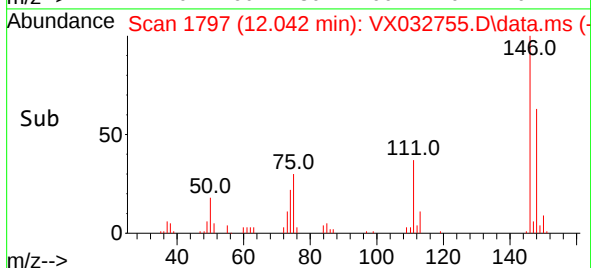
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

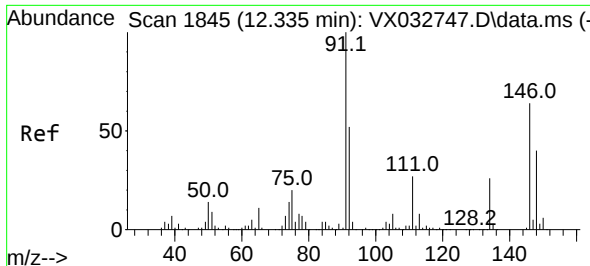


#84
1,4-Dichlorobenzene
Concen: 4.992 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX032755.D
Acq: 11 Nov 2022 04:50



Tgt Ion:146 Resp: 14007
Ion Ratio Lower Upper
146 100
111 38.3 18.9 56.5
148 63.8 31.6 95.0





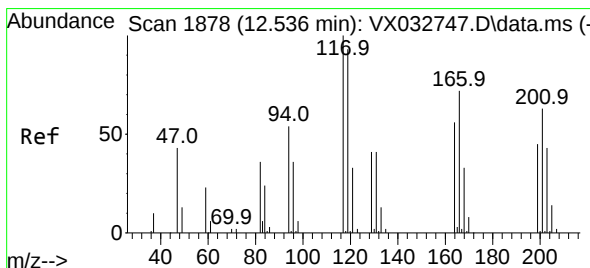
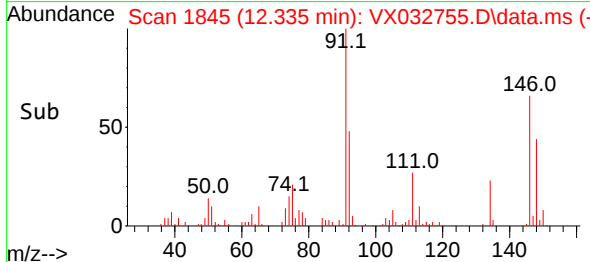
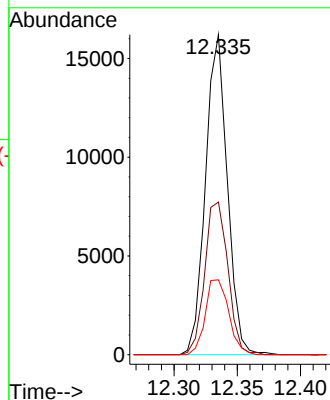
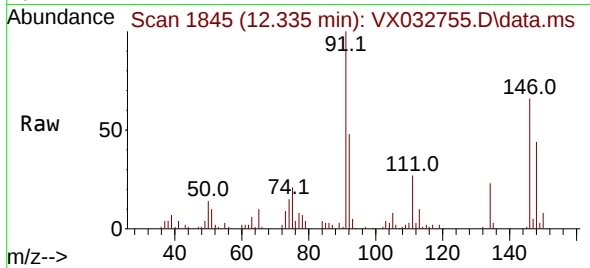
#85
n-Butylbenzene
Concen: 4.406 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX032755.D
Acq: 11 Nov 2022 04:50

Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT4-2022

Tgt Ion: 91 Resp: 1951
Ion Ratio Lower Upper
91 100
92 50.7 0.0 108.4
134 25.1 0.0 60.6

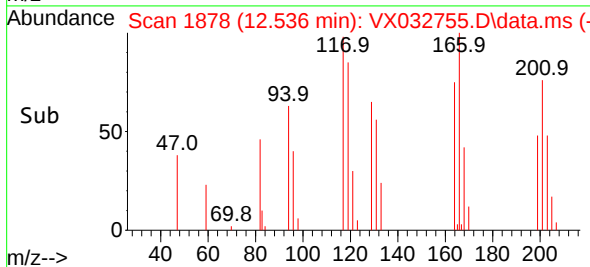
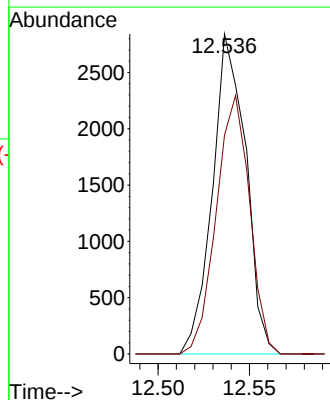
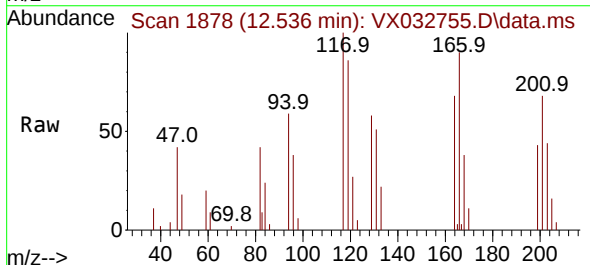
Manual Integrations
APPROVED

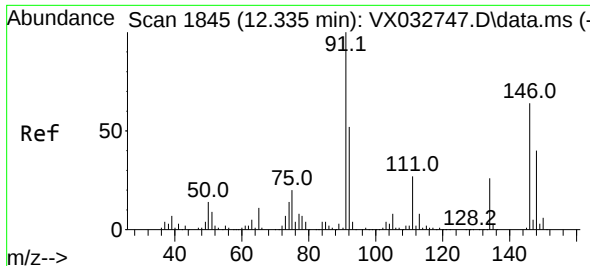
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#86
Hexachloroethane
Concen: 4.197 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX032755.D
Acq: 11 Nov 2022 04:50

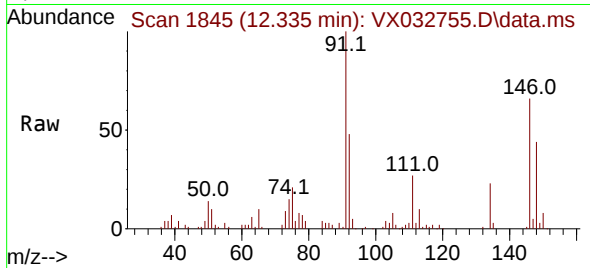
Tgt Ion:117 Resp: 3600
Ion Ratio Lower Upper
117 100
201 81.0 37.7 113.1





#87
1,2-Dichlorobenzene
Concen: 5.031 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX032755.D
Acq: 11 Nov 2022 04:50

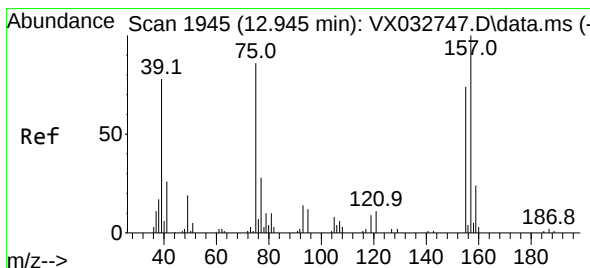
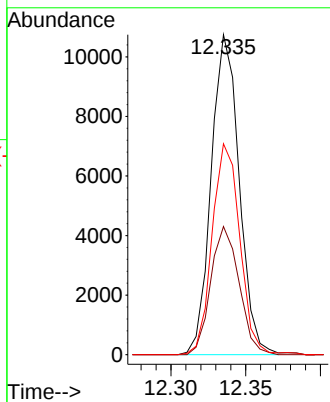
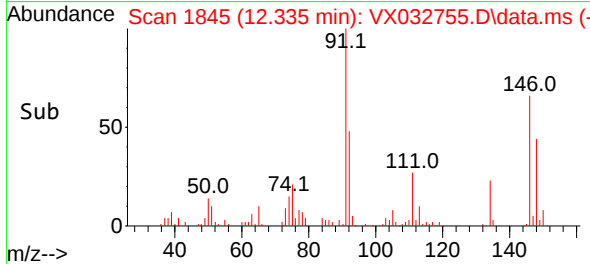
Instrument : MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2022



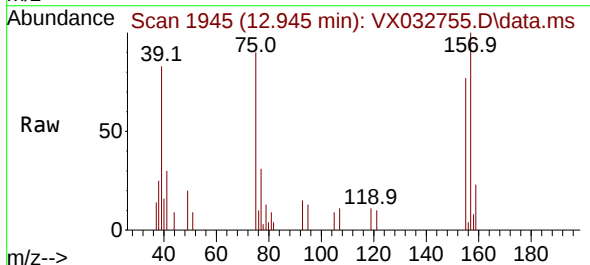
Tgt Ion:146 Resp: 1397
Ion Ratio Lower Upper
146 100
111 40.5 20.0 60.0
148 65.1 33.0 99.0

Manual Integrations
APPROVED

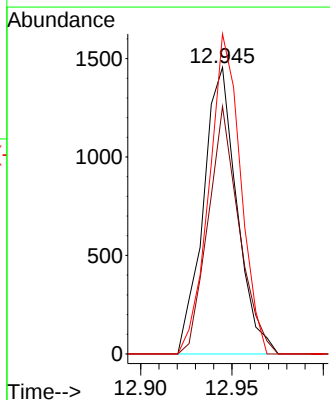
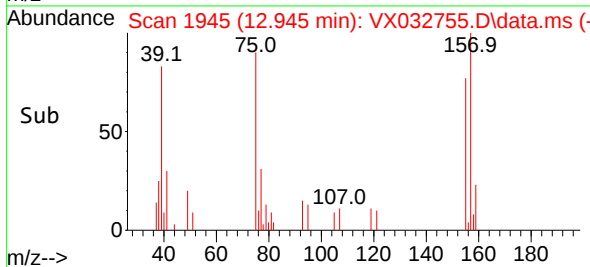
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

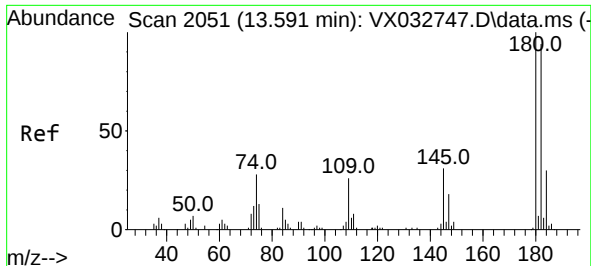


#88
1,2-Dibromo-3-Chloropropane
Concen: 4.612 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX032755.D
Acq: 11 Nov 2022 04:50



Tgt Ion: 75 Resp: 1860
Ion Ratio Lower Upper
75 100
155 79.7 85.0 127.6#
157 104.8 101.0 151.6





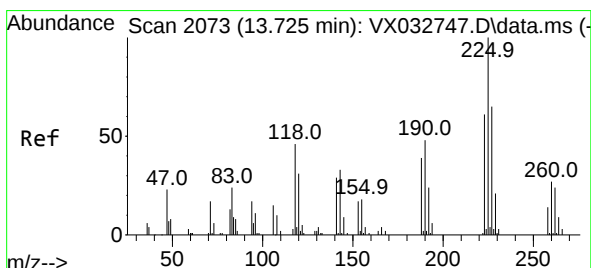
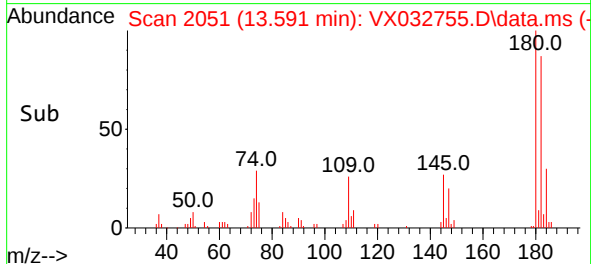
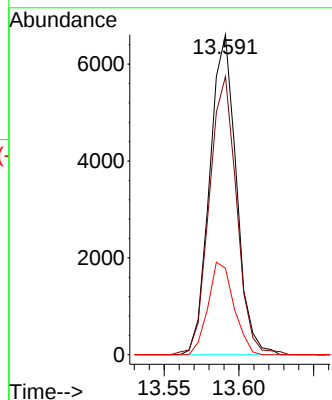
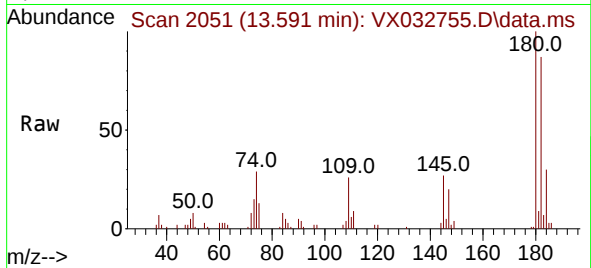
#89
1,2,4-Trichlorobenzene
Concen: 4.798 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX032755.D
Acq: 11 Nov 2022 04:50

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2022

Tgt Ion:180 Resp: 8184
Ion Ratio Lower Upper
180 100
182 88.6 75.3 112.9
145 28.0 25.9 38.9

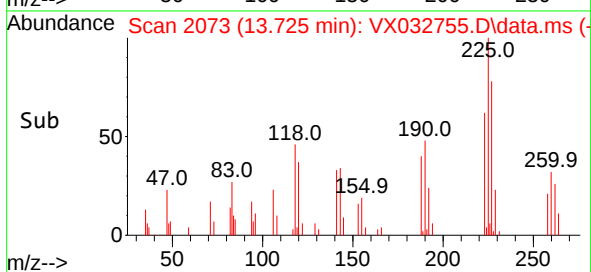
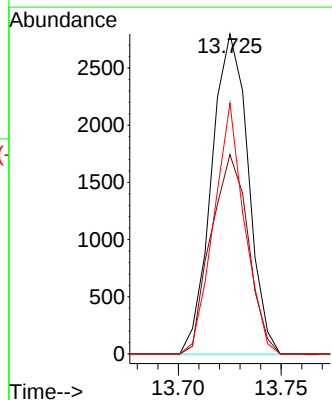
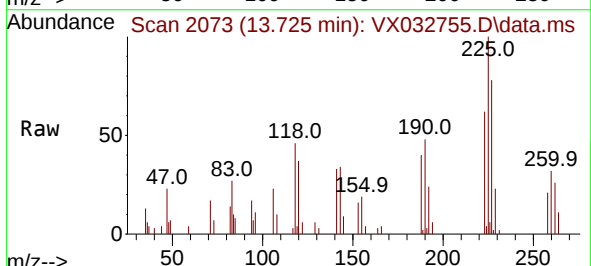
Manual Integrations
APPROVED

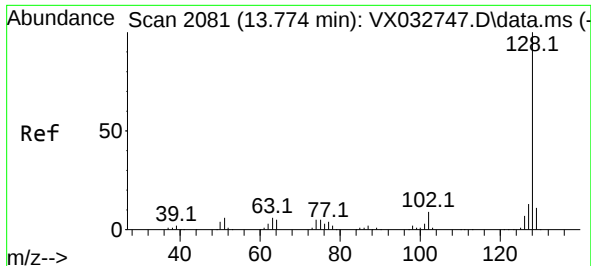
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#90
Hexachlorobutadiene
Concen: 5.051 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX032755.D
Acq: 11 Nov 2022 04:50

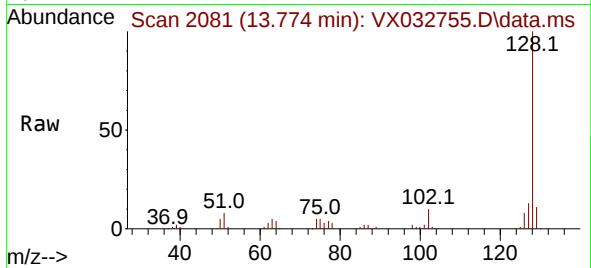
Tgt Ion:225 Resp: 3468
Ion Ratio Lower Upper
225 100
223 63.4 0.0 126.0
227 65.8 0.0 127.6





#91
Naphthalene
Concen: 4.626 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX032755.D
Acq: 11 Nov 2022 04:50

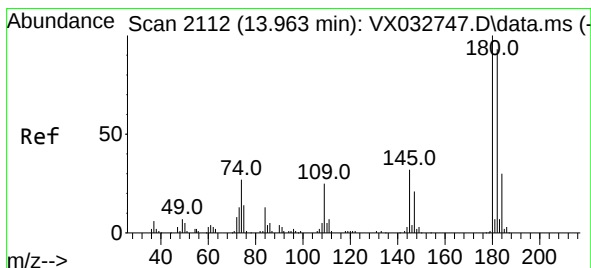
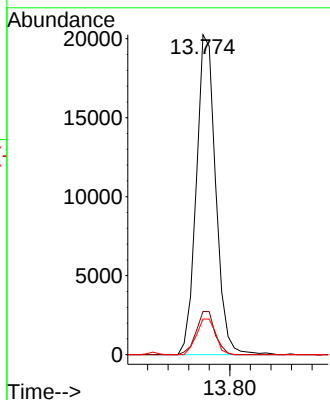
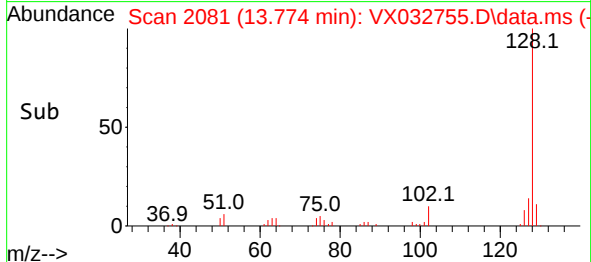
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:128 Resp: 2663
Ion Ratio Lower Upper
128 100
127 13.1 9.9 14.9
129 11.0 8.4 12.6

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 4.965 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX032755.D
Acq: 11 Nov 2022 04:50

Tgt Ion:180 Resp: 8518
Ion Ratio Lower Upper
180 100
182 88.3 0.0 199.0
145 31.7 0.0 68.2

