

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071222\
 Data File : VX030024.D
 Acq On : 12 Jul 2022 17:04
 Operator : JC/MD
 Sample : N3214-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT2-2022

Quant Time: Jul 13 09:26:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 13 09:24:02 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/13/2022
 Supervised By : Mahesh Dadoda 07/13/2022

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	187991	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	333728	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	290828	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	130553	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	118604	51.833	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.660%			
35) Dibromofluoromethane	5.391	113	108074	50.692	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.380%			
50) Toluene-d8	8.653	98	408032	50.888	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.780%			
62) 4-Bromofluorobenzene	11.085	95	137203	49.308	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.620%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	1675	0.840	ug/l	99
3) Chloromethane	1.288	50	1806	0.922	ug/l #	88
4) Vinyl Chloride	1.374	62	1922	0.883	ug/l	91
5) Bromomethane	1.605	94	1035	1.120	ug/l	89
6) Chloroethane	1.691	64	1277	1.042	ug/l	97
7) Trichlorofluoromethane	1.892	101	2796	0.995	ug/l	85
8) Diethyl Ether	2.136	74	1245	1.071	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	1681	0.876	ug/l	89
10) Methyl Iodide	2.453	142	1015	0.644	ug/l	92
11) Tert butyl alcohol	2.971	59	4614	7.813	ug/l #	87
12) 1,1-Dichloroethene	2.319	96	1877	0.980	ug/l #	80
13) Acrolein	2.245	56	906	7.703	ug/l	94
14) Allyl chloride	2.666	41	3062	0.915	ug/l	94
15) Acrylonitrile	3.075	53	6544	4.876	ug/l	96
16) Acetone	2.386	43	6125	5.681	ug/l #	85
17) Carbon Disulfide	2.514	76	3892	0.808	ug/l	95
18) Methyl Acetate	2.709	43	3702	1.129	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	5484	0.906	ug/l	94
20) Methylene Chloride	2.788	84	2478	0.993	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	1834	0.919	ug/l #	73
22) Diisopropyl ether	3.770	45	6282	0.959	ug/l #	92
23) Vinyl Acetate	3.733	43	24158	4.356	ug/l	97
24) 1,1-Dichloroethane	3.611	63	3489	0.961	ug/l	99
25) 2-Butanone	4.580	43	9152	4.983	ug/l	93
26) 2,2-Dichloropropane	4.483	77	2213	0.868	ug/l	90
27) cis-1,2-Dichloroethene	4.507	96	2305	0.943	ug/l	91
28) Bromochloromethane	4.910	49	1761	1.153	ug/l #	100
29) Tetrahydrofuran	5.032	42	6687	5.365	ug/l	96
30) Chloroform	5.105	83	3507	0.969	ug/l	85
31) Cyclohexane	5.483	56	2530	0.763	ug/l #	83
32) 1,1,1-Trichloroethane	5.385	97	2574	0.870	ug/l #	49
36) 1,1-Dichloropropene	5.696	75	2420	0.879	ug/l	98
37) Ethyl Acetate	4.733	43	3863	1.092	ug/l #	88
38) Carbon Tetrachloride	5.684	117	2288	0.891	ug/l	96
39) Methylcyclohexane	7.379	83	2613	0.748	ug/l #	87
40) Benzene	6.044	78	8127	0.938	ug/l	98

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Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.946	41	2024	1.062	ug/l #	48
42) 1,2-Dichloroethane	6.098	62	2773	1.032	ug/l	90
43) Isopropyl Acetate	6.354	43	5298	0.996	ug/l	96
44) Trichloroethene	7.135	130	2738	1.081	ug/l	91
45) 1,2-Dichloropropane	7.434	63	2063	0.916	ug/l #	71
46) Dibromomethane	7.592	93	1506	0.971	ug/l	96
47) Bromodichloromethane	7.830	83	2551	0.907	ug/l #	87
48) Methyl methacrylate	7.696	41	2234	0.910	ug/l	96
49) 1,4-Dioxane	7.683	88	1210	18.969	ug/l #	78
51) 4-Methyl-2-Pentanone	8.580	43	15897	4.515	ug/l	98
52) Toluene	8.726	92	5182	0.941	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	2512	0.859	ug/l #	74
54) cis-1,3-Dichloropropene	8.372	75	2828	0.845	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	2118	0.933	ug/l #	85
56) Ethyl methacrylate	9.122	69	2998	0.879	ug/l	92
57) 1,3-Dichloropropane	9.311	76	3665	1.016	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.250	63	9700	5.235	ug/l	99
59) 2-Hexanone	9.439	43	12781	4.733	ug/l	94
60) Dibromochloromethane	9.525	129	1945	0.880	ug/l	96
61) 1,2-Dibromoethane	9.616	107	2271	0.961	ug/l	100
64) Tetrachloroethene	9.275	164	2326	0.996	ug/l #	79
65) Chlorobenzene	10.079	112	5186	0.895	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	2033	1.030	ug/l #	61
67) Ethyl Benzene	10.195	91	8805	0.897	ug/l	97
68) m/p-Xylenes	10.305	106	6617	1.719	ug/l	93
69) o-Xylene	10.646	106	3548	0.920	ug/l	99
70) Styrene	10.659	104	5586	0.873	ug/l	97
71) Bromoform	10.805	173	1467	0.925	ug/l #	99
73) Isopropylbenzene	10.963	105	8195	0.902	ug/l	99
74) N-amyl acetate	10.848	43	3824	0.958	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	3163	0.964	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	3060m	1.019	ug/l	
77) Bromobenzene	11.201	156	2040	0.897	ug/l	85
78) n-propylbenzene	11.305	91	9407	0.872	ug/l	99
79) 2-Chlorotoluene	11.366	91	6074	0.940	ug/l	100
80) 1,3,5-Trimethylbenzene	11.457	105	6896	0.900	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	802m	0.771	ug/l	
82) 4-Chlorotoluene	11.457	91	6616	0.914	ug/l	88
83) tert-Butylbenzene	11.719	119	6717	0.914	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	6640	0.876	ug/l	94
85) sec-Butylbenzene	11.890	105	8283	0.853	ug/l	99
86) p-Isopropyltoluene	12.012	119	6859	0.880	ug/l	89
87) 1,3-Dichlorobenzene	11.975	146	3838	0.913	ug/l	90
88) 1,4-Dichlorobenzene	12.042	146	4347m	1.008	ug/l	
89) n-Butylbenzene	12.335	91	5637	0.808	ug/l	93
90) Hexachloroethane	12.536	117	1097	0.824	ug/l	79
91) 1,2-Dichlorobenzene	12.335	146	4155	0.973	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.951	75	699	0.933	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	2775	1.058	ug/l	89
94) Hexachlorobutadiene	13.731	225	1111	1.061	ug/l	91
95) Naphthalene	13.780	128	10156	0.976	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	2541	0.952	ug/l	98

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 LOQ-WATER-02-QT2-2022

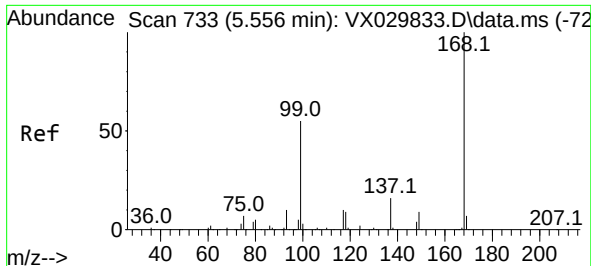
Manual Integrations
APPROVED

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 Supervised By : Mahesh Dadoda 07/13/2022

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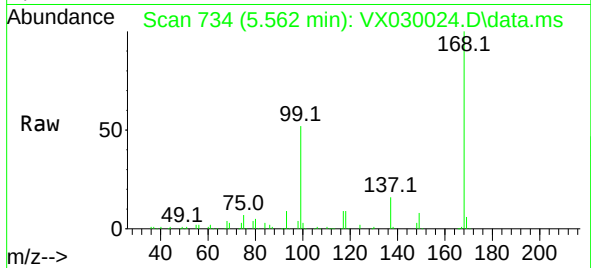
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
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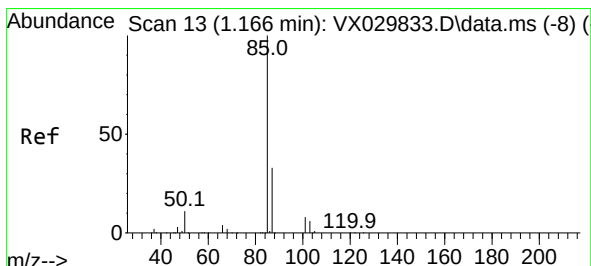
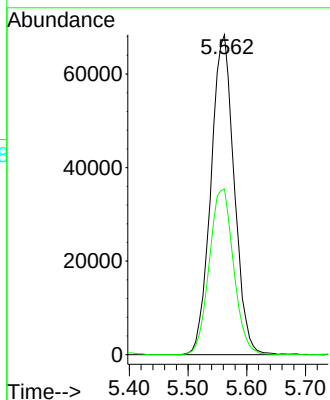
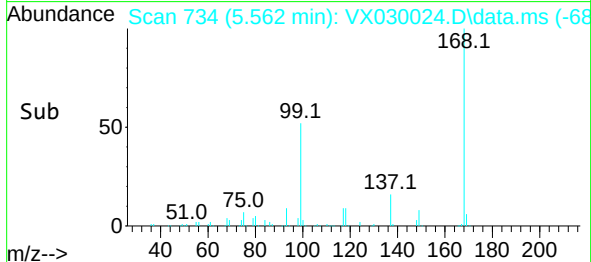
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion:168 Resp: 18799
Ion Ratio Lower Upper
168 100
99 51.8 44.0 66.0

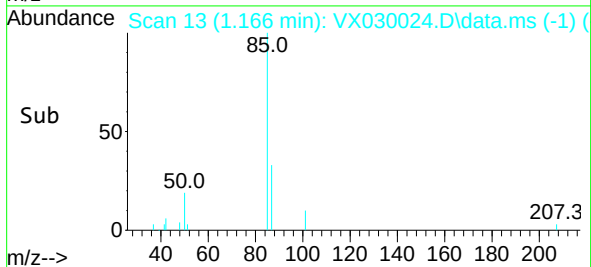
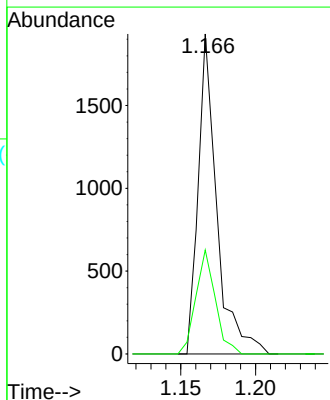
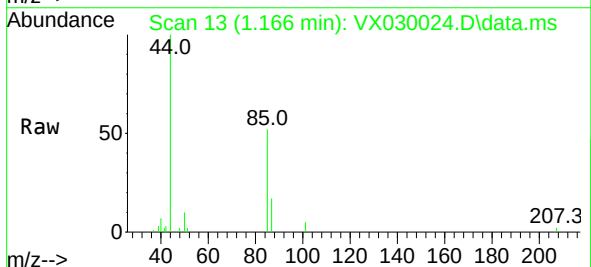
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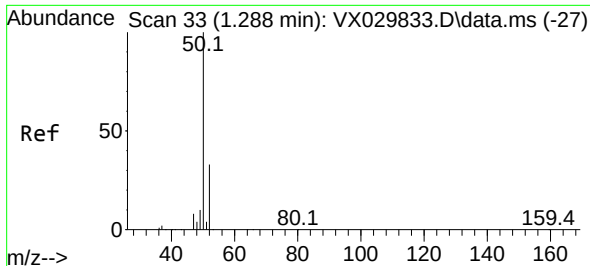
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#2
Dichlorodifluoromethane
Concen: 0.840 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX030024.D
Acq: 12 Jul 2022 17:04

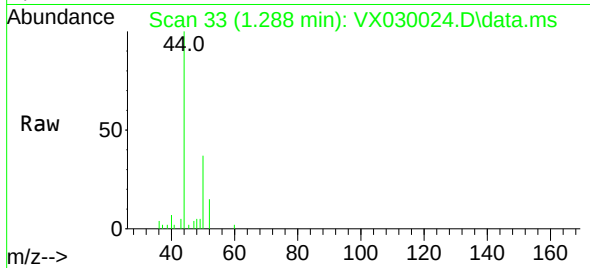
Tgt Ion: 85 Resp: 1675
Ion Ratio Lower Upper
85 100
87 32.5 16.5 49.5





#3
Chloromethane
Concen: 0.922 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX030024.D
Acq: 12 Jul 2022 17:04

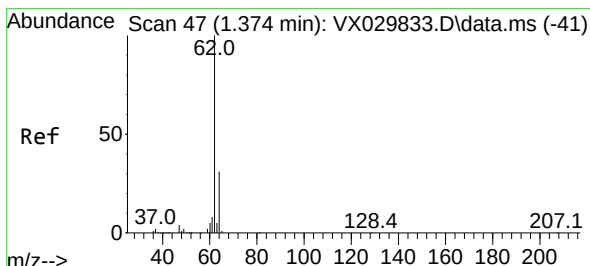
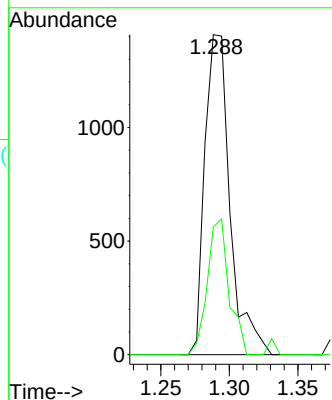
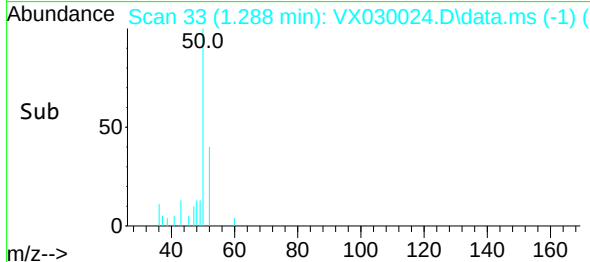
Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 1800
Ion Ratio Lower Upper
50 100
52 39.8 26.3 39.5

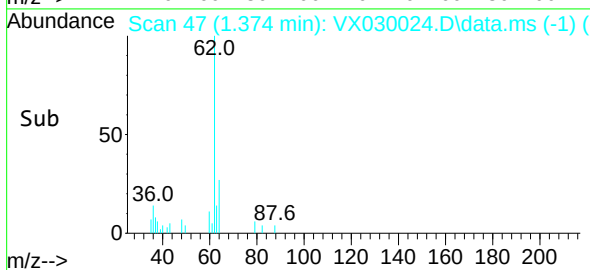
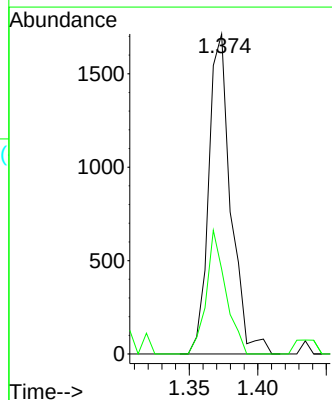
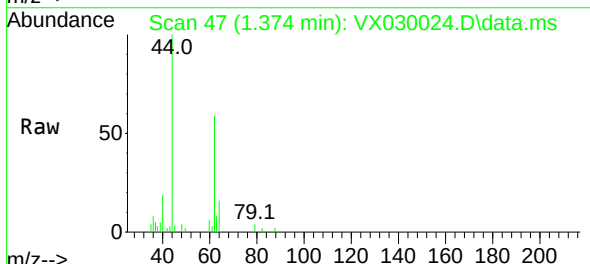
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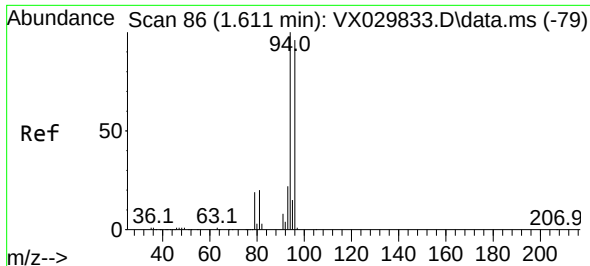
Reviewed By :John Carlone 07/13/2022
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#4
Vinyl Chloride
Concen: 0.883 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX030024.D
Acq: 12 Jul 2022 17:04

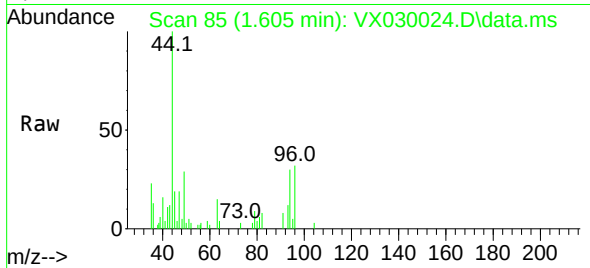
Tgt Ion: 62 Resp: 1922
Ion Ratio Lower Upper
62 100
64 26.5 25.2 37.8





#5
Bromomethane
Concen: 1.120 ug/l
RT: 1.605 min Scan# 86
Delta R.T. -0.006 min
Lab File: VX030024.D
Acq: 12 Jul 2022 17:04

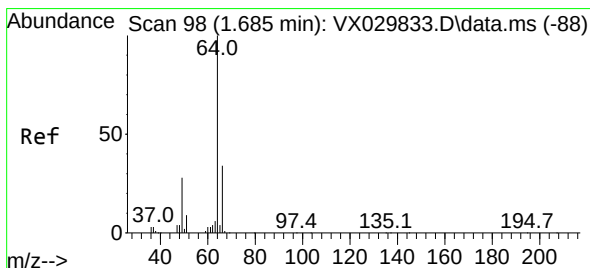
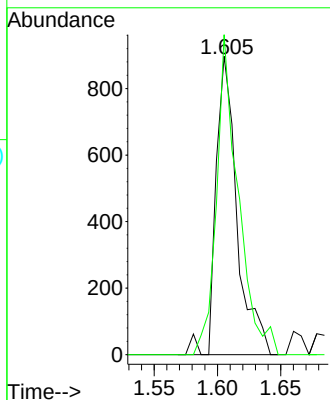
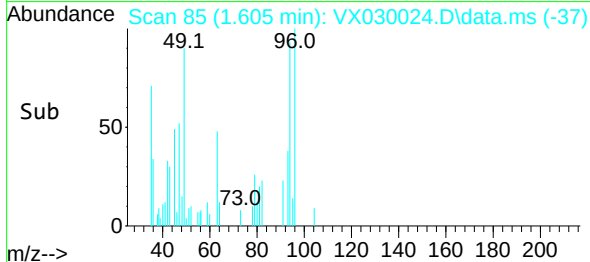
Instrument : MSVOA_X
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Tgt Ion: 94 Resp: 1035
Ion Ratio Lower Upper
94 100
96 107.2 76.9 115.3

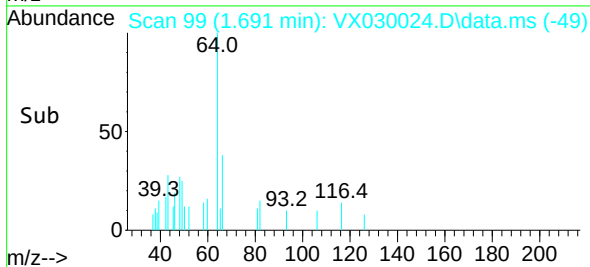
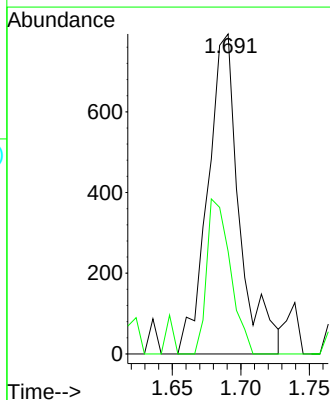
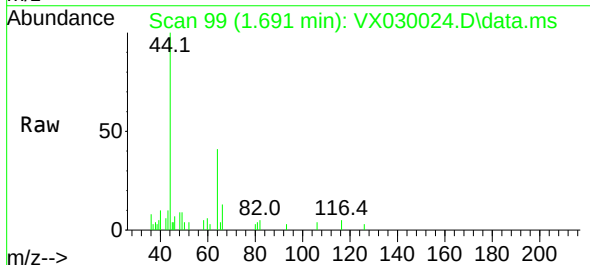
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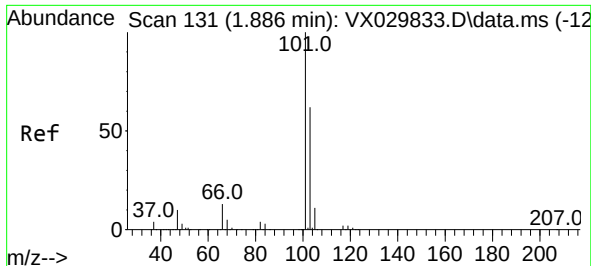
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#6
Chloroethane
Concen: 1.042 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX030024.D
Acq: 12 Jul 2022 17:04

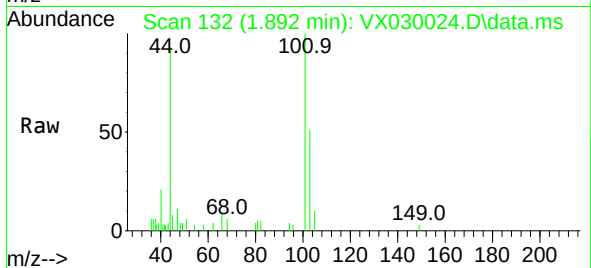
Tgt Ion: 64 Resp: 1277
Ion Ratio Lower Upper
64 100
66 32.0 27.2 40.8





#7
 Trichlorofluoromethane
 Concen: 0.995 ug/l
 RT: 1.892 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX030024.D
 Acq: 12 Jul 2022 17:04

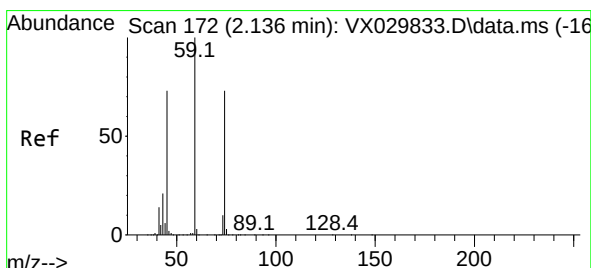
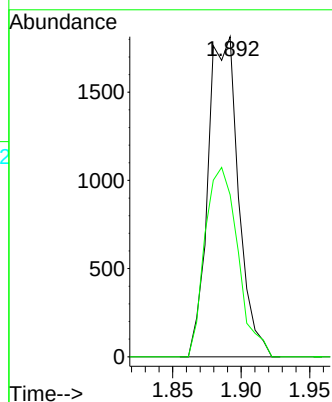
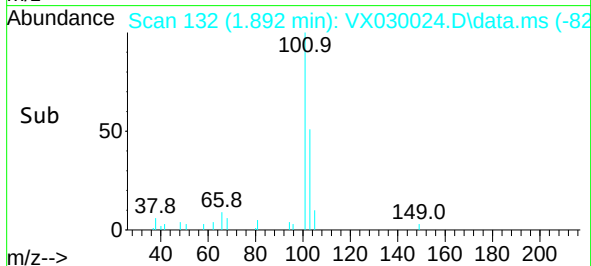
Instrument :
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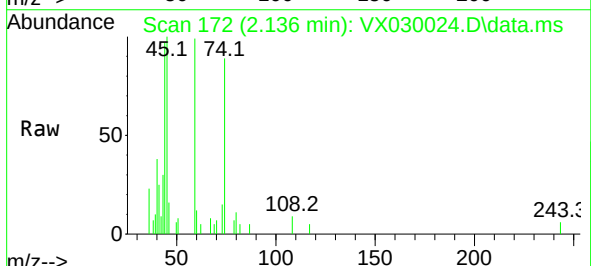
Tgt Ion:101 Resp: 2790
 Ion Ratio Lower Upper
 101 100
 103 50.6 49.7 74.5

Manual Integrations
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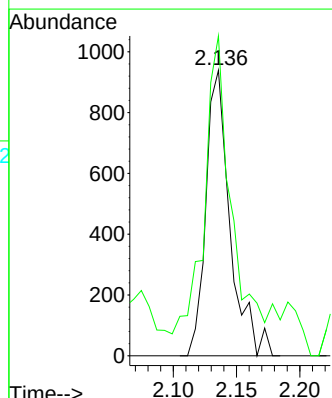
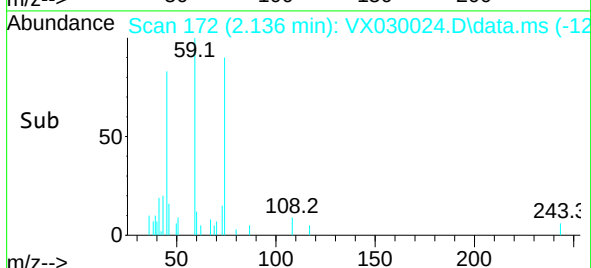
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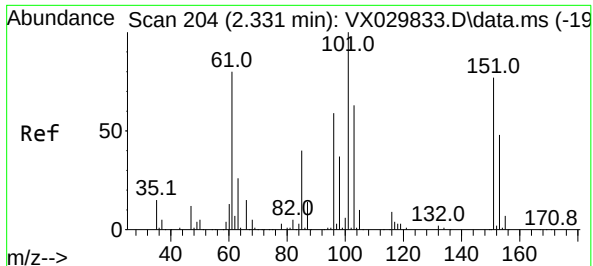


#8
 Diethyl Ether
 Concen: 1.071 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 1245
 Ion Ratio Lower Upper
 74 100
 45 107.9 51.5 154.7





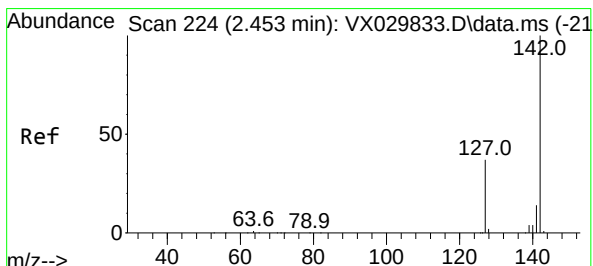
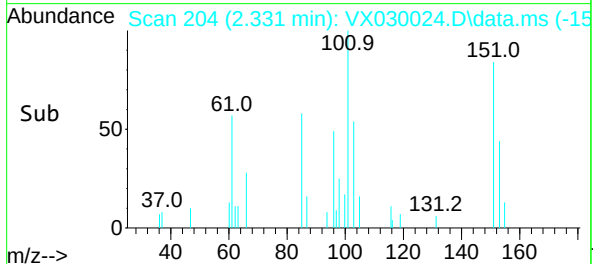
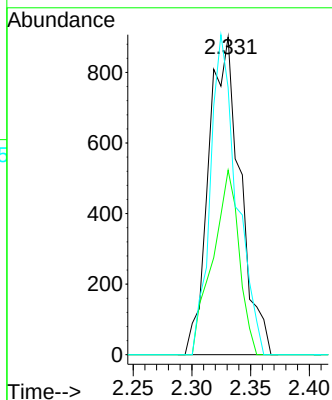
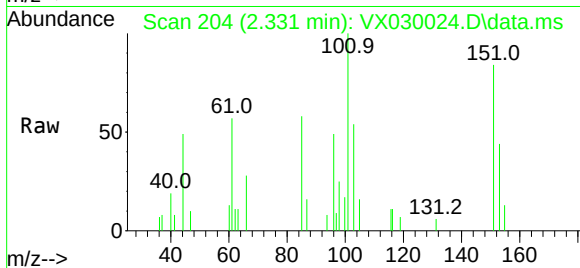
#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.876 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX030024.D
Acq: 12 Jul 2022 17:04

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2022

Tgt Ion:101 Resp: 168
Ion Ratio Lower Upper
101 100
85 48.5 34.0 51.0
151 84.6 59.4 89.0

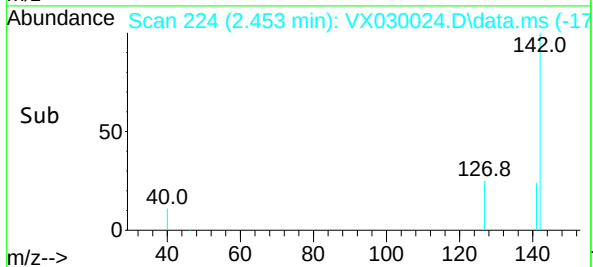
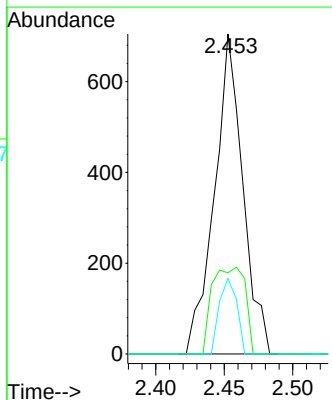
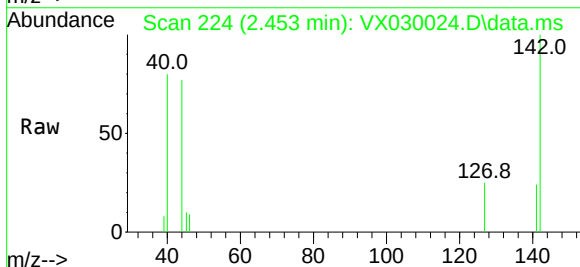
Manual Integrations
APPROVED

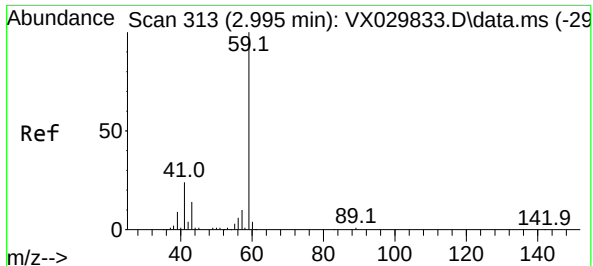
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#10
Methyl Iodide
Concen: 0.644 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX030024.D
Acq: 12 Jul 2022 17:04

Tgt Ion:142 Resp: 1015
Ion Ratio Lower Upper
142 100
127 31.5 30.2 45.2
141 14.6 11.3 16.9





#11

Tert butyl alcohol

Concen: 7.813 ug/l

RT: 2.971 min Scan# 309

Delta R.T. -0.024 min

Lab File: VX030024.D

Acq: 12 Jul 2022 17:04

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2022

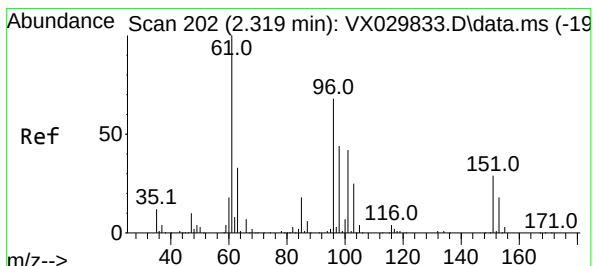
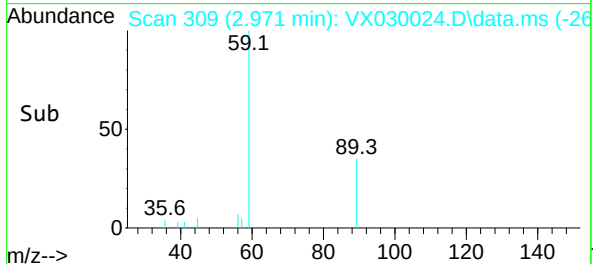
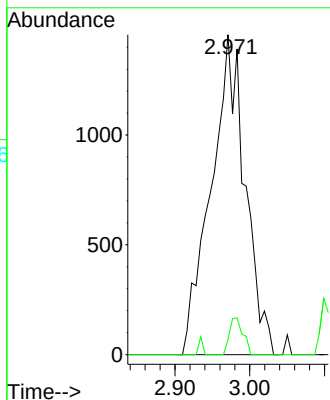
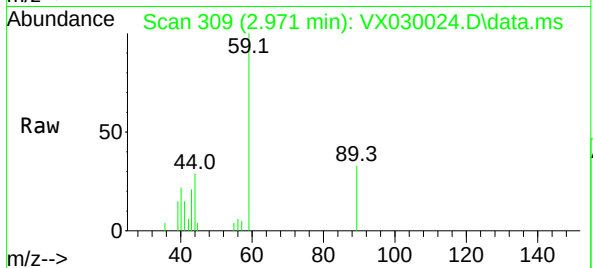
Tgt Ion: 59 Resp: 4614
 Ion Ratio Lower Upper
 59 100
 57 4.6 7.4 11.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#12

1,1-Dichloroethene

Concen: 0.980 ug/l

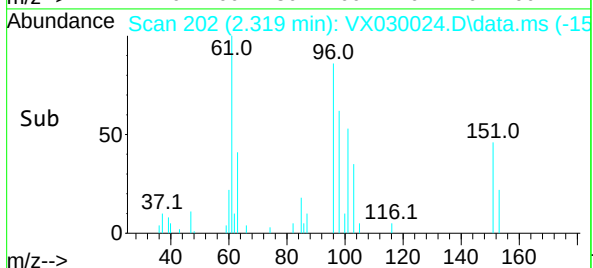
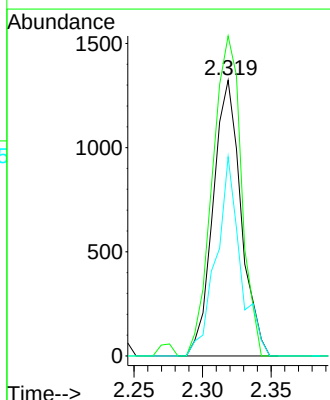
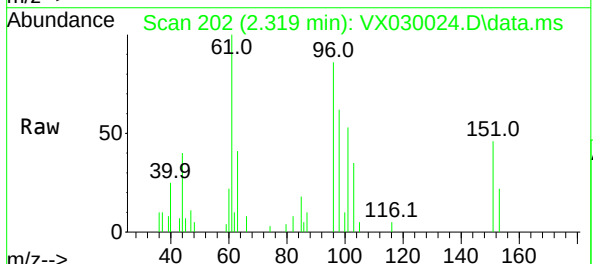
RT: 2.319 min Scan# 202

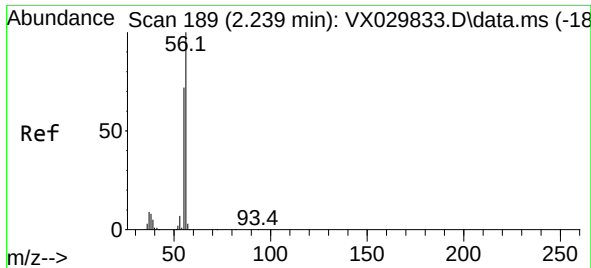
Delta R.T. -0.000 min

Lab File: VX030024.D

Acq: 12 Jul 2022 17:04

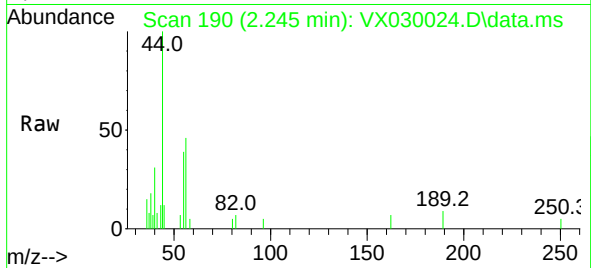
Tgt Ion: 96 Resp: 1877
 Ion Ratio Lower Upper
 96 100
 61 116.1 117.4 176.0#
 98 72.3 52.2 78.4





#13
Acrolein
Concen: 7.703 ug/l
RT: 2.245 min Scan# 190
Delta R.T. 0.006 min
Lab File: VX030024.D
Acq: 12 Jul 2022 17:04

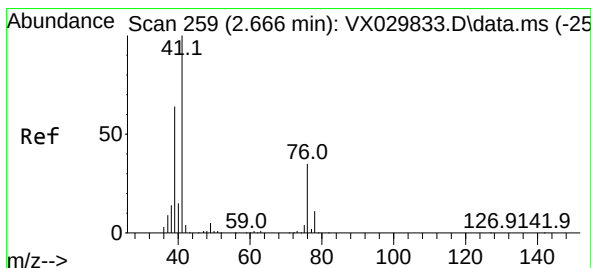
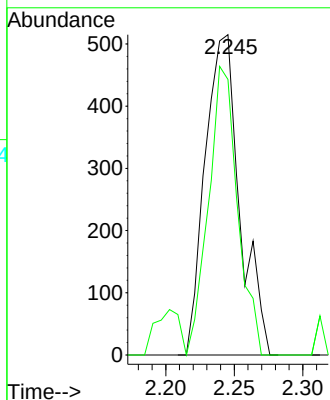
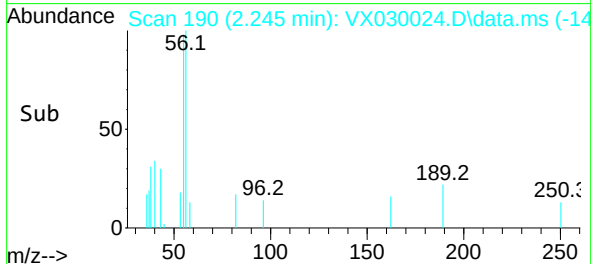
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion: 56 Resp: 900
Ion Ratio Lower Upper
56 100
55 75.6 56.6 84.8

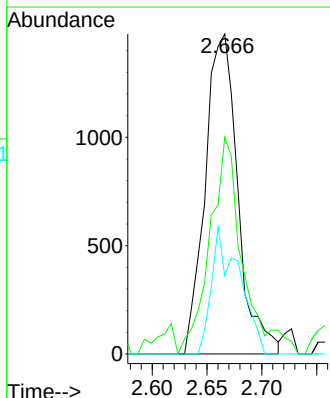
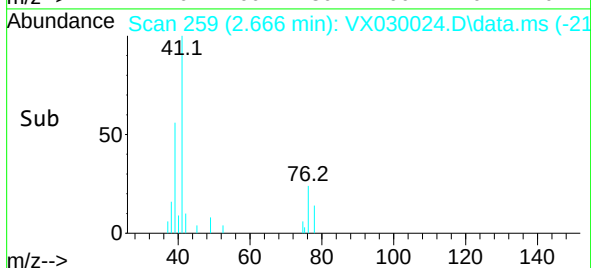
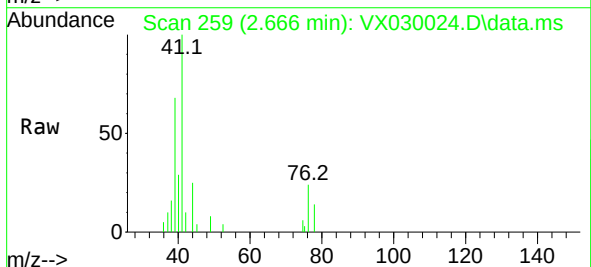
Manual Integrations
APPROVED

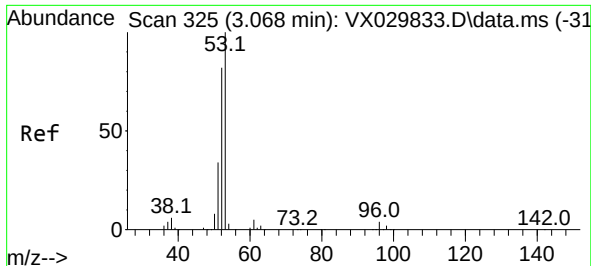
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#14
Allyl chloride
Concen: 0.915 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX030024.D
Acq: 12 Jul 2022 17:04

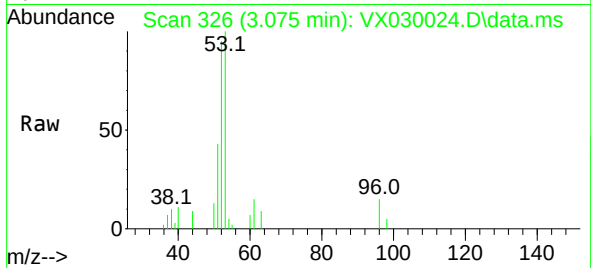
Tgt Ion: 41 Resp: 3062
Ion Ratio Lower Upper
41 100
39 67.6 48.9 73.3
76 33.6 26.9 40.3





#15
Acrylonitrile
Concen: 4.876 ug/l
RT: 3.075 min Scan# 31
Delta R.T. 0.007 min
Lab File: VX030024.D
Acq: 12 Jul 2022 17:04

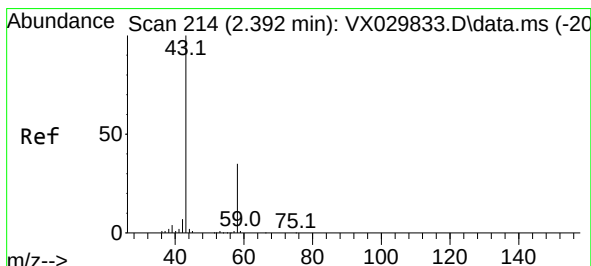
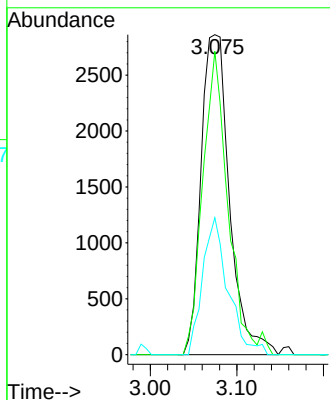
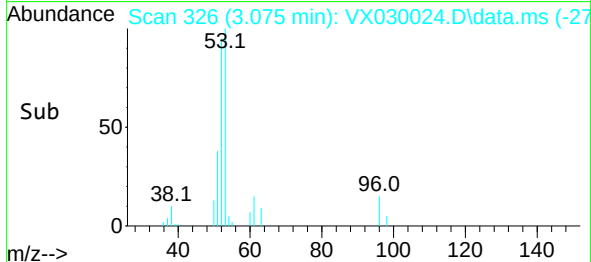
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion: 53 Resp: 6544
Ion Ratio Lower Upper
53 100
52 84.6 65.4 98.0
51 38.4 27.7 41.5

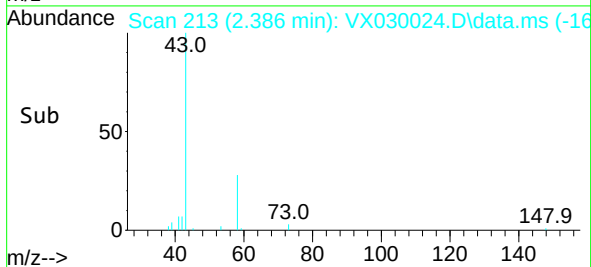
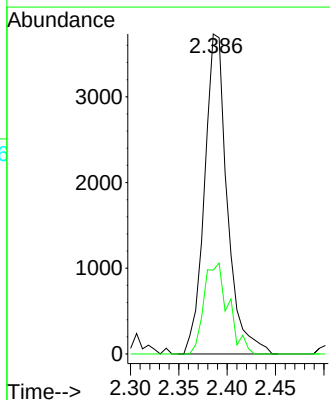
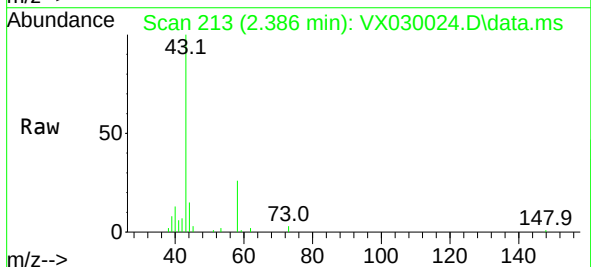
Manual Integrations
APPROVED

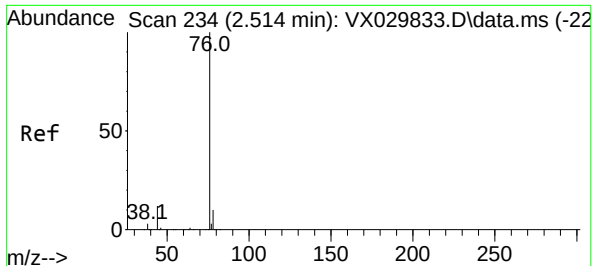
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#16
Acetone
Concen: 5.681 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX030024.D
Acq: 12 Jul 2022 17:04

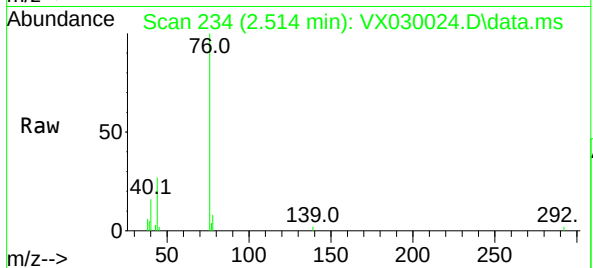
Tgt Ion: 43 Resp: 6125
Ion Ratio Lower Upper
43 100
58 26.2 27.7 41.5#





#17
Carbon Disulfide
Concen: 0.808 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX030024.D
Acq: 12 Jul 2022 17:04

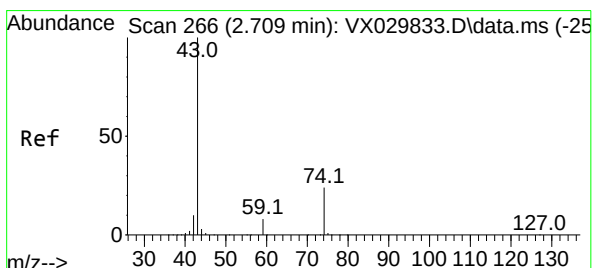
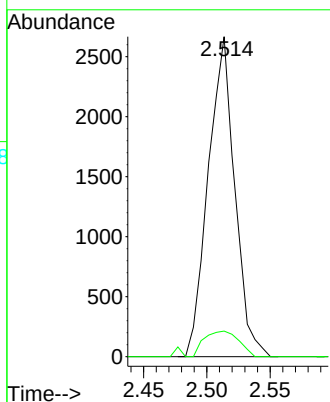
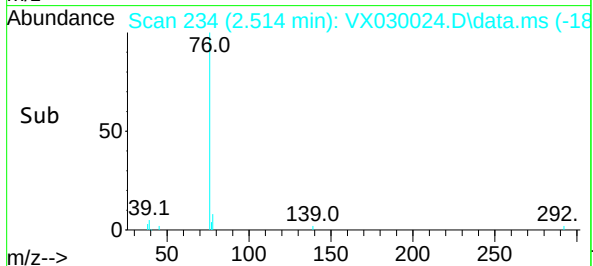
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion: 76 Resp: 3892
Ion Ratio Lower Upper
76 100
78 8.0 7.8 11.6

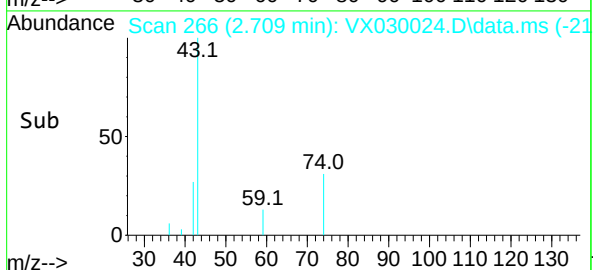
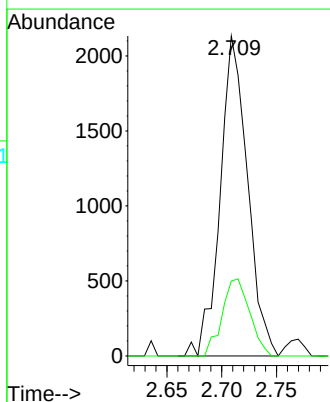
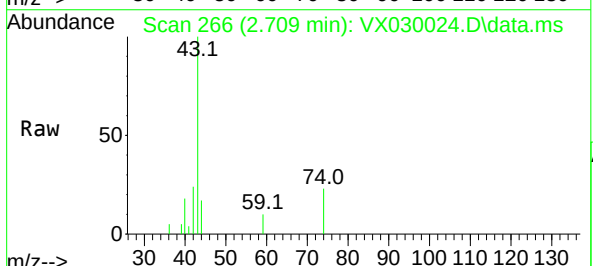
Manual Integrations
APPROVED

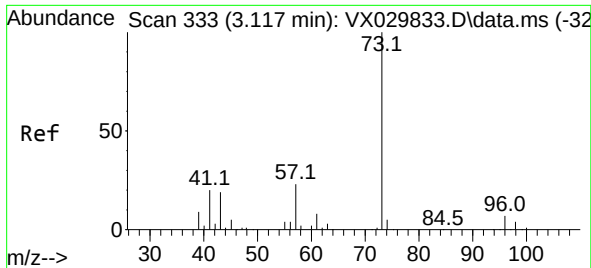
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#18
Methyl Acetate
Concen: 1.129 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX030024.D
Acq: 12 Jul 2022 17:04

Tgt Ion: 43 Resp: 3702
Ion Ratio Lower Upper
43 100
74 24.3 19.4 29.2





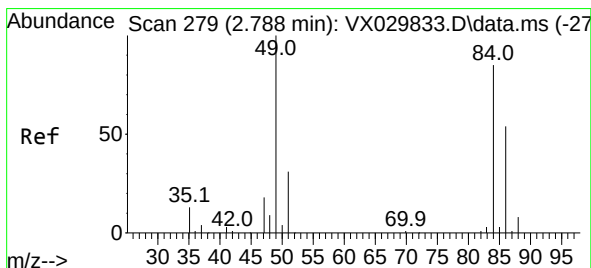
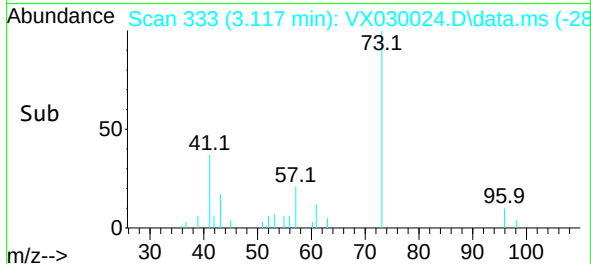
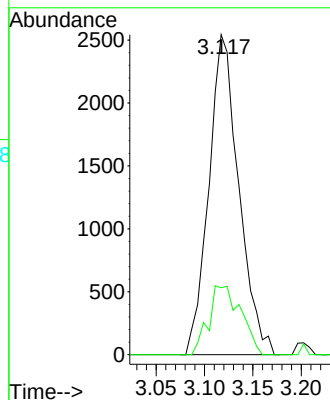
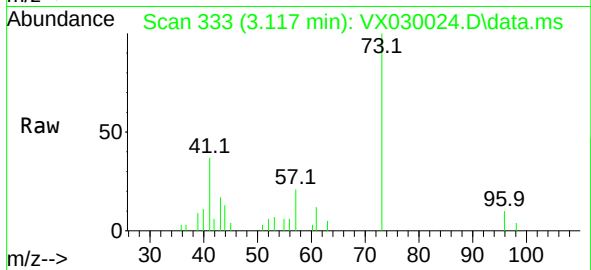
#19
Methyl tert-butyl Ether
Concen: 0.906 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX030024.D
Acq: 12 Jul 2022 17:04

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2022

Tgt Ion: 73 Resp: 5484
Ion Ratio Lower Upper
73 100
57 20.9 19.0 28.6

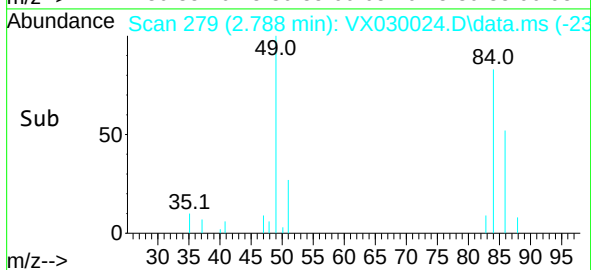
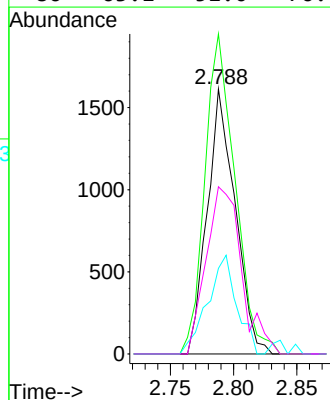
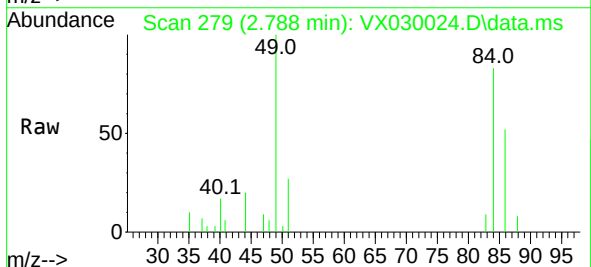
Manual Integrations
APPROVED

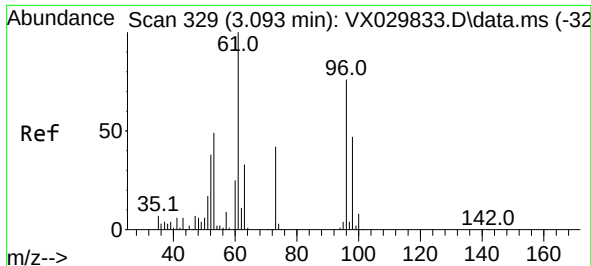
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#20
Methylene Chloride
Concen: 0.993 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX030024.D
Acq: 12 Jul 2022 17:04

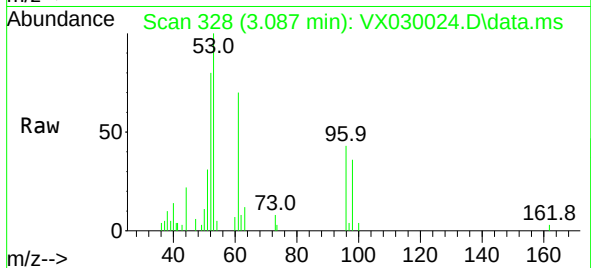
Tgt Ion: 84 Resp: 2478
Ion Ratio Lower Upper
84 100
49 120.8 93.8 140.6
51 32.3 29.4 44.0
86 63.1 51.0 76.4





#21
trans-1,2-Dichloroethene
Concen: 0.919 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX030024.D
Acq: 12 Jul 2022 17:04

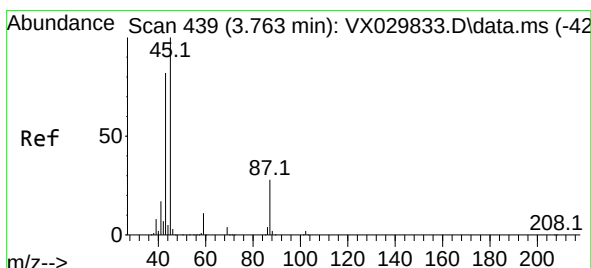
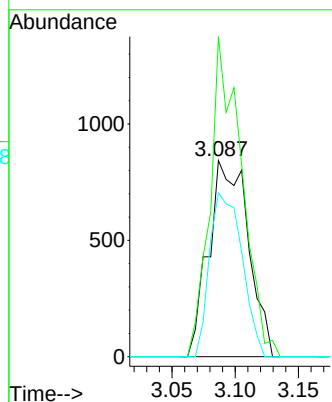
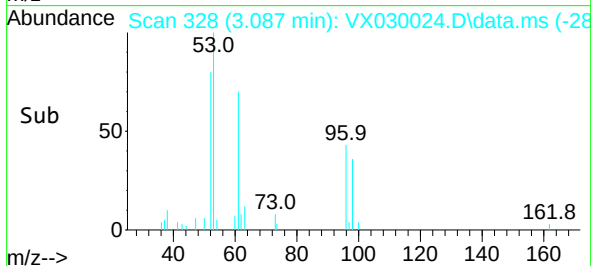
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2022



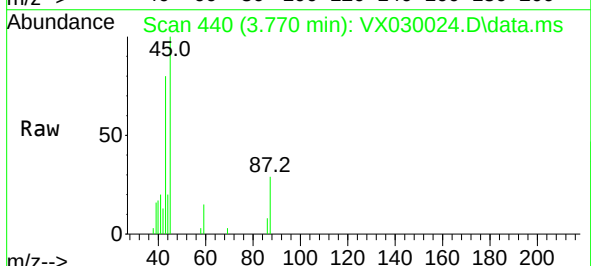
Tgt Ion: 96 Resp: 1834
Ion Ratio Lower Upper
96 100
61 163.1 105.6 158.4
98 83.5 50.1 75.1

Manual Integrations
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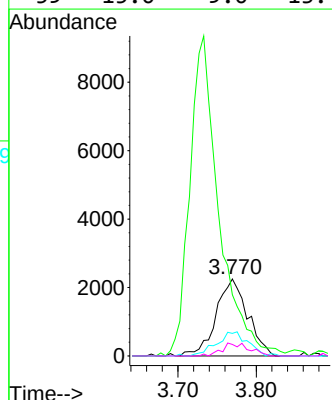
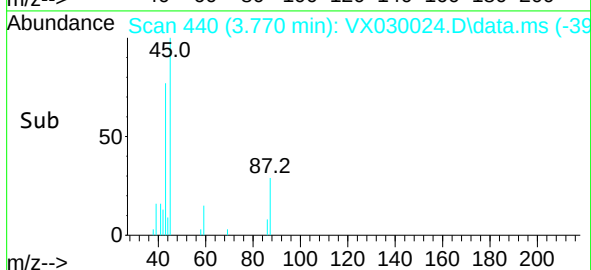
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

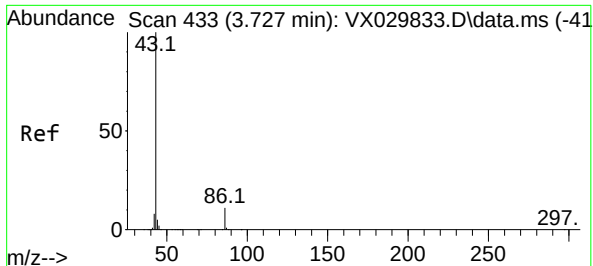


#22
Diisopropyl ether
Concen: 0.959 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.007 min
Lab File: VX030024.D
Acq: 12 Jul 2022 17:04



Tgt Ion: 45 Resp: 6282
Ion Ratio Lower Upper
45 100
43 73.6 65.4 98.0
87 29.3 22.3 33.5
59 15.0 9.0 13.4





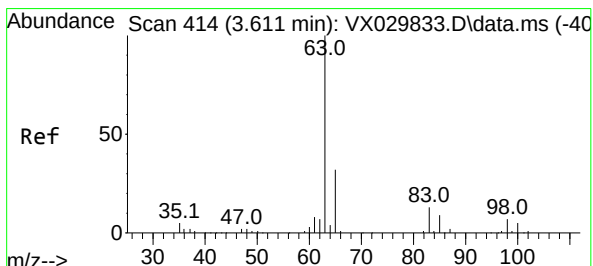
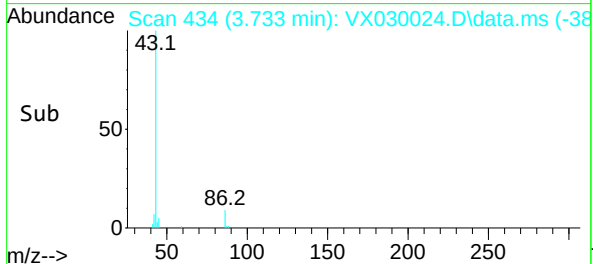
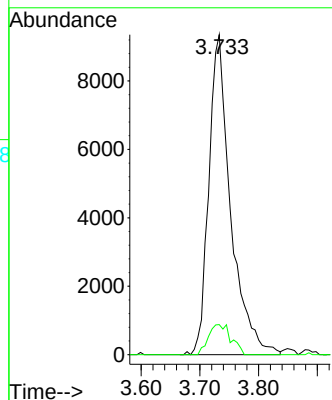
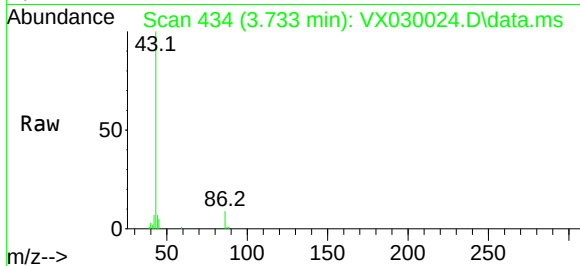
#23
 Vinyl Acetate
 Concen: 4.356 ug/l
 RT: 3.733 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX030024.D
 Acq: 12 Jul 2022 17:04

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT2-2022

Tgt Ion: 43 Resp: 24158
 Ion Ratio Lower Upper
 43 100
 86 9.4 8.5 12.7

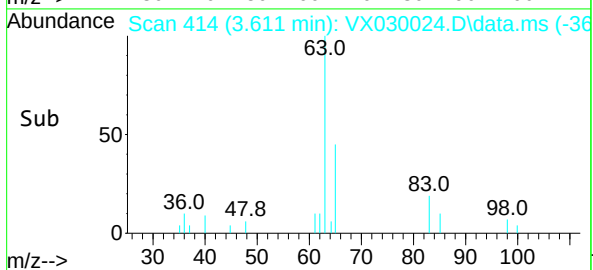
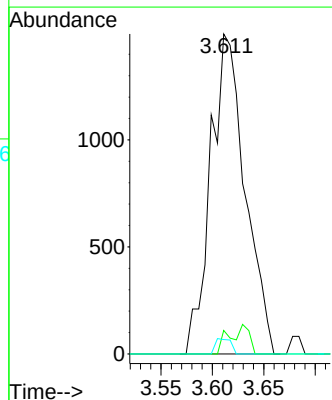
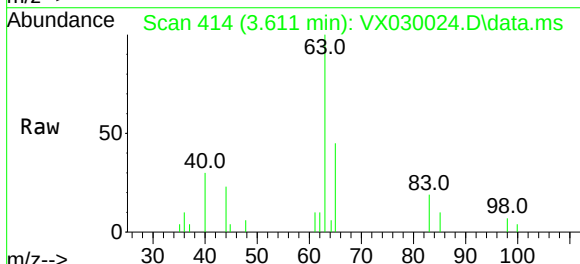
Manual Integrations
 APPROVED

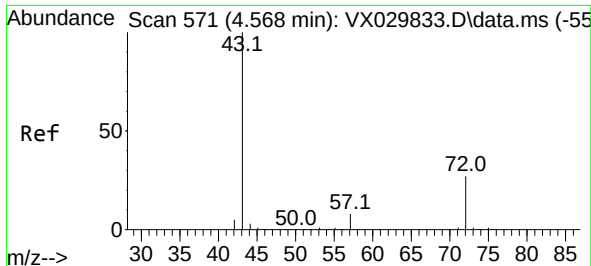
Reviewed By :John Carlone 07/13/2022
 Supervised By :Mahesh Dadoda 07/13/2022



#24
 1,1-Dichloroethane
 Concen: 0.961 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX030024.D
 Acq: 12 Jul 2022 17:04

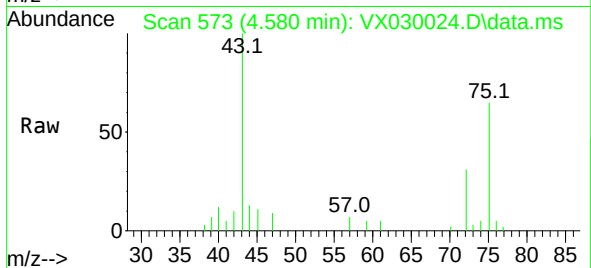
Tgt Ion: 63 Resp: 3489
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.5 10.5
 100 4.5 2.3 6.9





#25
2-Butanone
Concen: 4.983 ug/l
RT: 4.580 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX030024.D
Acq: 12 Jul 2022 17:04

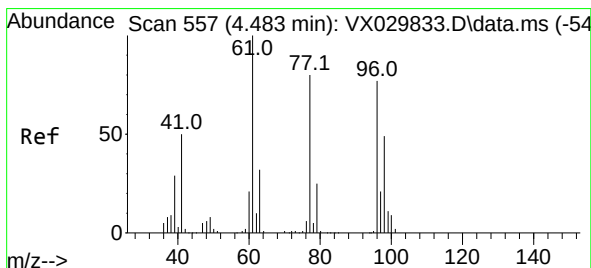
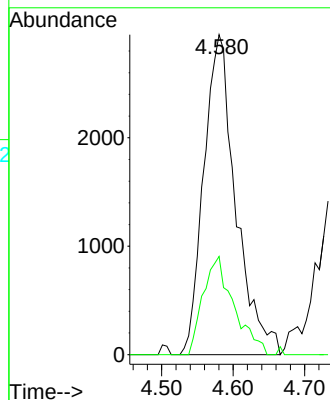
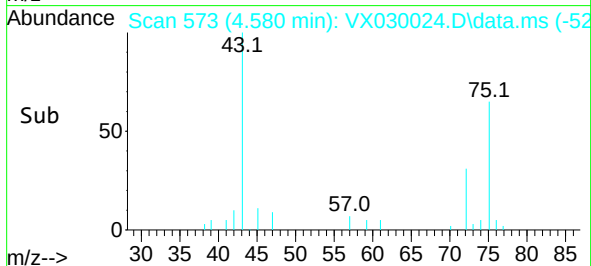
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion: 43 Resp: 915
Ion Ratio Lower Upper
43 100
72 30.7 21.7 32.5

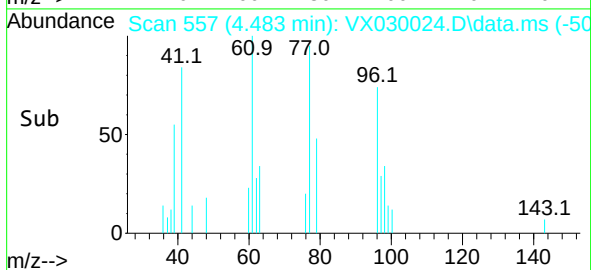
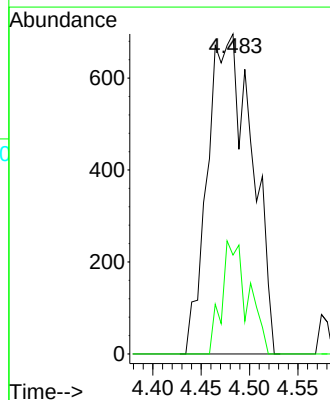
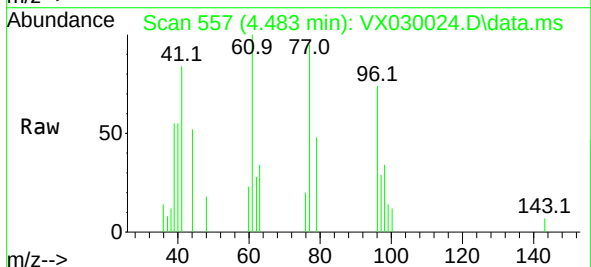
Manual Integrations
APPROVED

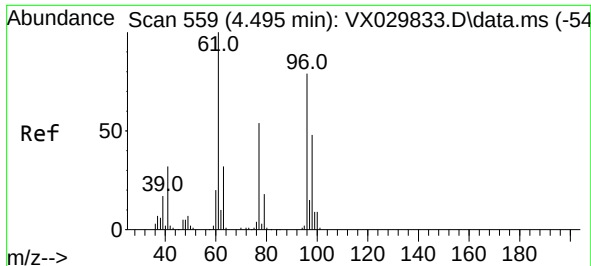
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#26
2,2-Dichloropropane
Concen: 0.868 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.000 min
Lab File: VX030024.D
Acq: 12 Jul 2022 17:04

Tgt Ion: 77 Resp: 2213
Ion Ratio Lower Upper
77 100
97 20.8 13.0 39.0





#27

cis-1,2-Dichloroethene

Concen: 0.943 ug/l

RT: 4.507 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX030024.D

Acq: 12 Jul 2022 17:04

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2022

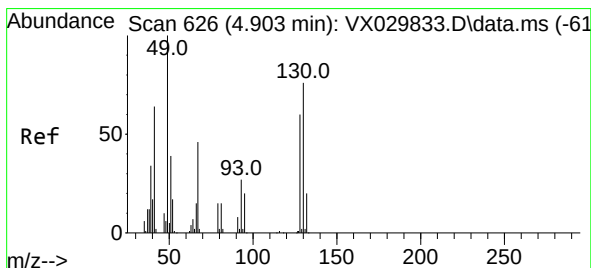
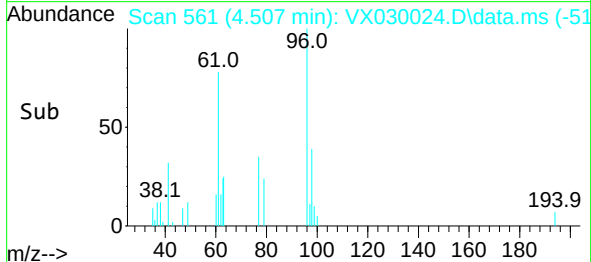
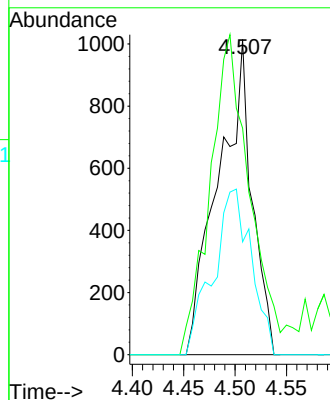
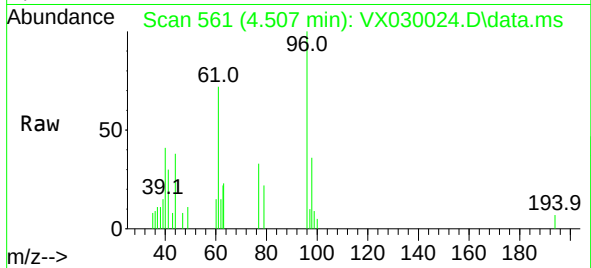
Tgt Ion: 96	Resp: 230
Ion Ratio	Lower Upper
96 100	
61 121.5	0.0 270.0
98 59.6	0.0 127.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#28

Bromochloromethane

Concen: 1.153 ug/l

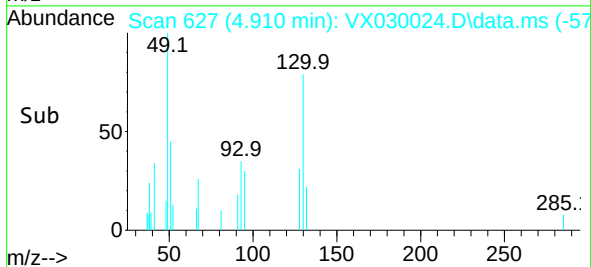
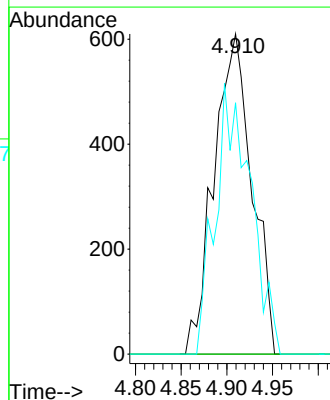
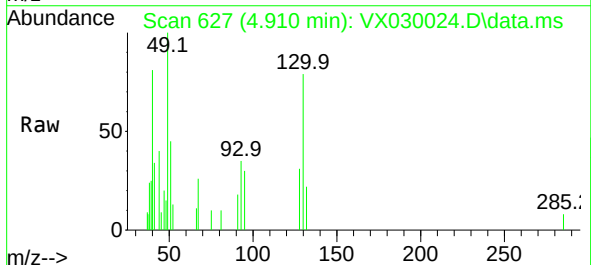
RT: 4.910 min Scan# 627

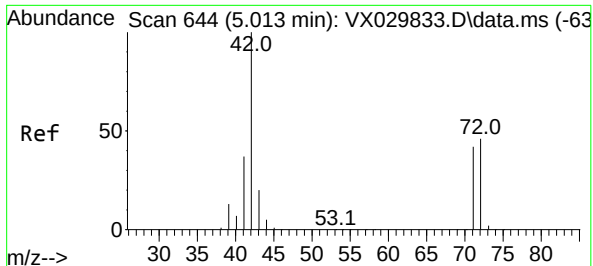
Delta R.T. 0.007 min

Lab File: VX030024.D

Acq: 12 Jul 2022 17:04

Tgt Ion: 49	Resp: 1761
Ion Ratio	Lower Upper
49 100	
129 0.0	0.0 4.4
130 78.5	62.8 94.2





#29

Tetrahydrofuran

Concen: 5.365 ug/l

RT: 5.032 min Scan# 644

Delta R.T. 0.019 min

Lab File: VX030024.D

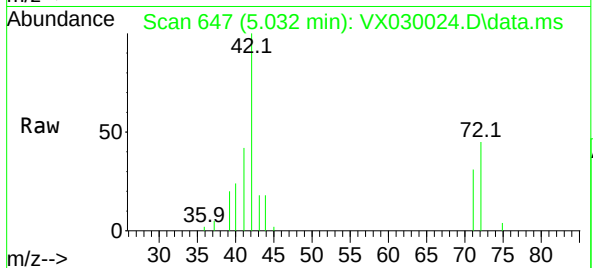
Acq: 12 Jul 2022 17:04

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2022



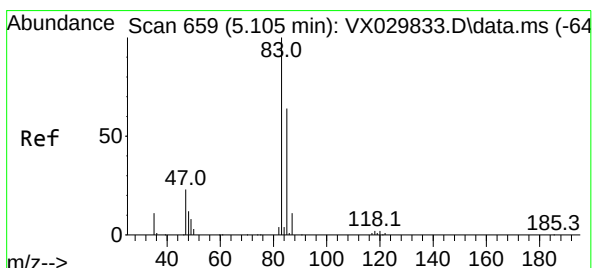
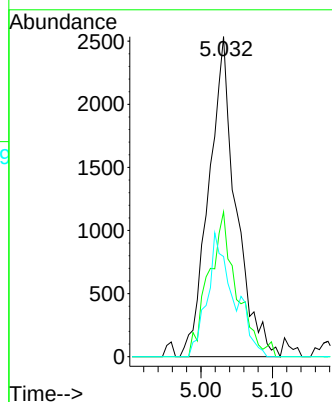
Tgt Ion: 42	Resp: 668
Ion Ratio	Lower Upper
42 100	
72 45.7	36.5 54.7
71 37.8	33.9 50.9

Manual Integrations

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Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#30

Chloroform

Concen: 0.969 ug/l

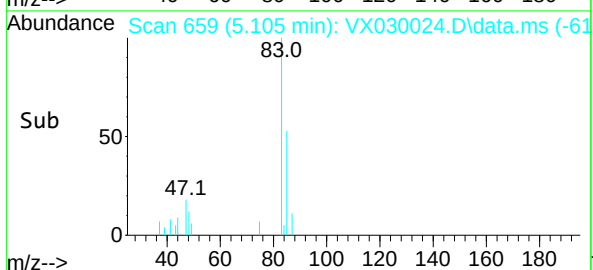
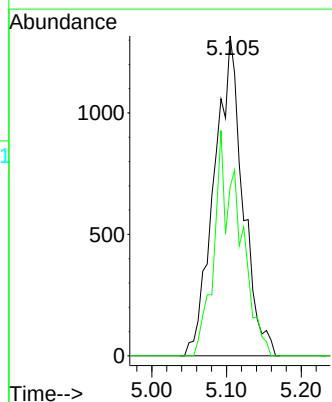
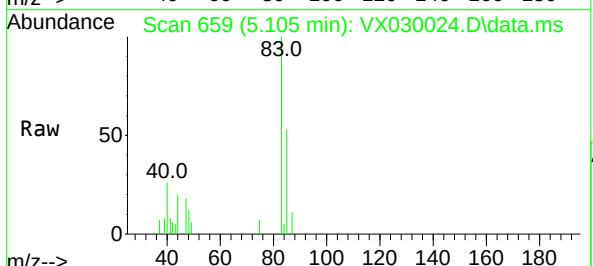
RT: 5.105 min Scan# 659

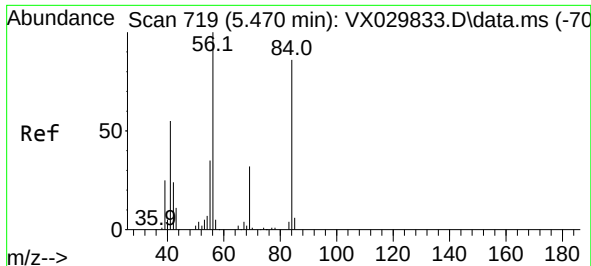
Delta R.T. -0.000 min

Lab File: VX030024.D

Acq: 12 Jul 2022 17:04

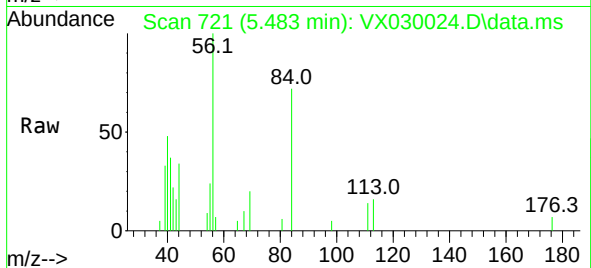
Tgt Ion: 83	Resp: 3507
Ion Ratio	Lower Upper
83 100	
85 52.8	51.5 77.3





#31
Cyclohexane
Concen: 0.763 ug/l
RT: 5.483 min Scan# 719
Delta R.T. 0.013 min
Lab File: VX030024.D
Acq: 12 Jul 2022 17:04

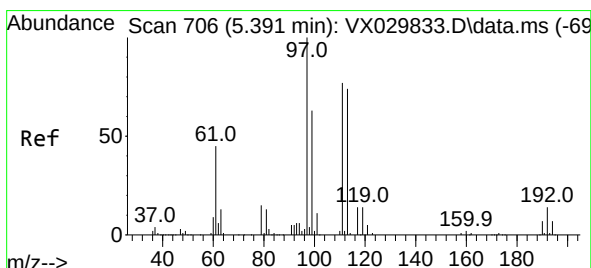
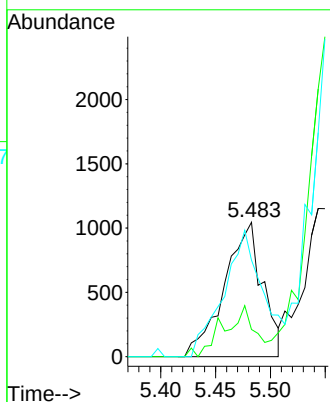
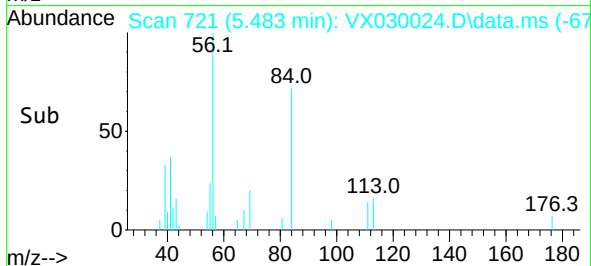
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion: 56 Resp: 2530
Ion Ratio Lower Upper
56 100
69 20.2 25.4 38.0
84 71.9 68.9 103.3

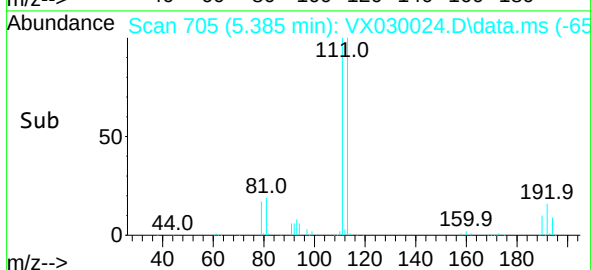
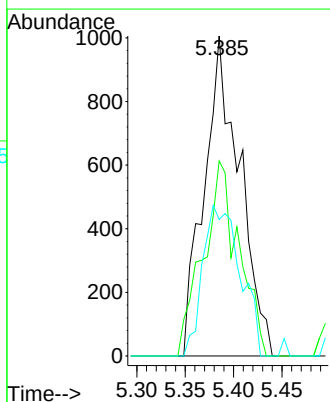
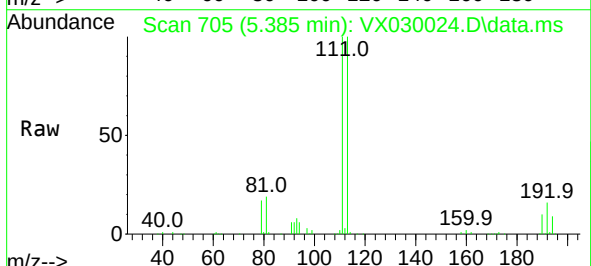
Manual Integrations
APPROVED

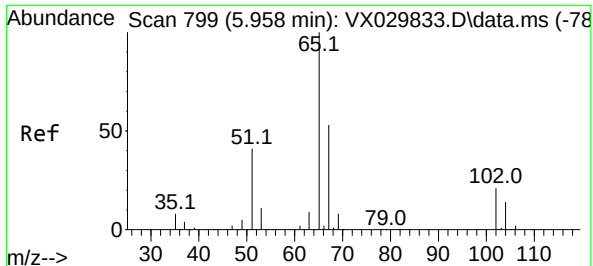
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#32
1,1,1-Trichloroethane
Concen: 0.870 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX030024.D
Acq: 12 Jul 2022 17:04

Tgt Ion: 97 Resp: 2574
Ion Ratio Lower Upper
97 100
99 0.0 51.4 77.0
61 49.5 35.8 53.8





#33

1,2-Dichloroethane-d4

Concen: 51.833 ug/l

RT: 5.964 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX030024.D

Acq: 12 Jul 2022 17:04

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2022

Tgt Ion: 65 Resp: 118604

Ion Ratio Lower Upper

65 100

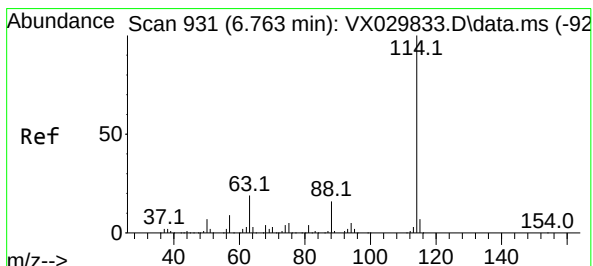
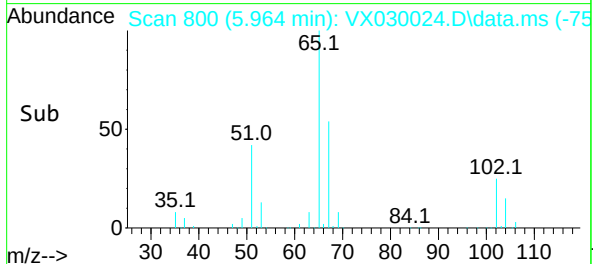
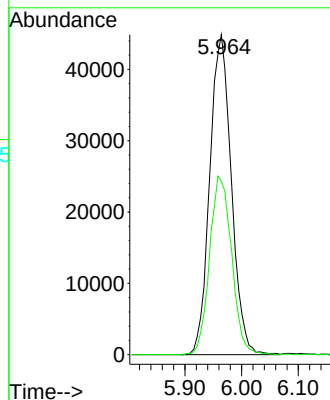
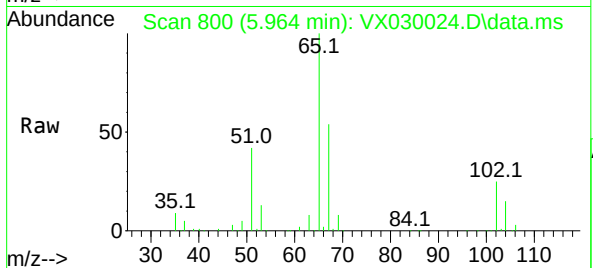
67 56.9 0.0 109.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.006 min

Lab File: VX030024.D

Acq: 12 Jul 2022 17:04

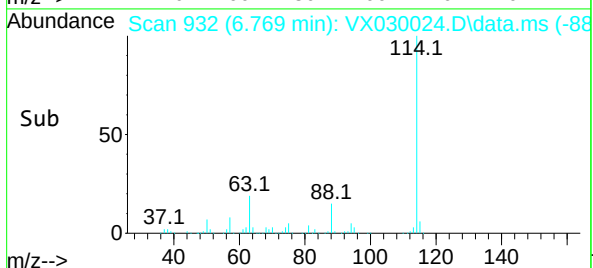
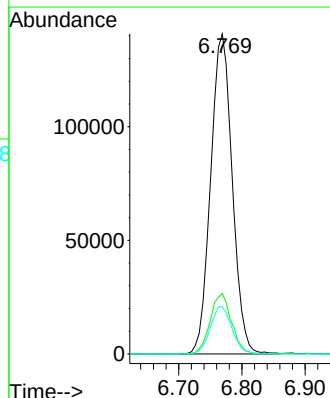
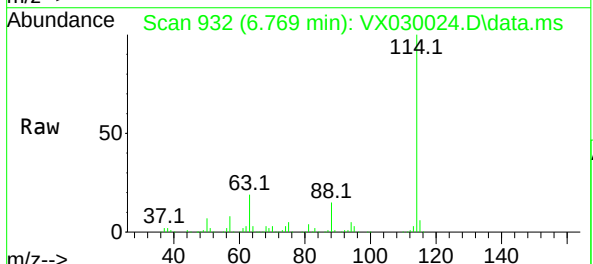
Tgt Ion:114 Resp: 333728

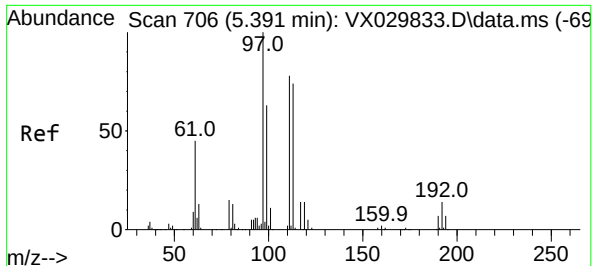
Ion Ratio Lower Upper

114 100

63 18.9 0.0 38.4

88 14.7 0.0 31.8





#35

Dibromofluoromethane

Concen: 50.692 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX030024.D

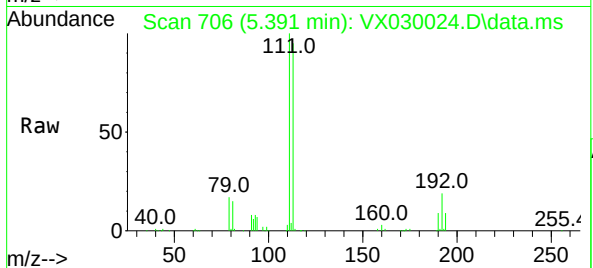
Acq: 12 Jul 2022 17:04

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2022



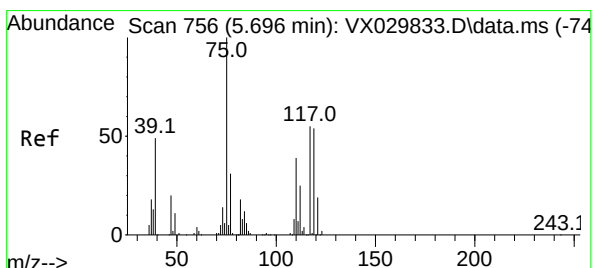
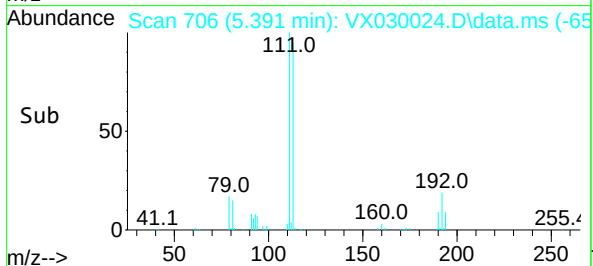
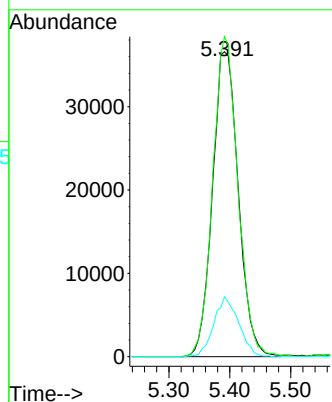
Tgt Ion:	113	Resp:	108074
Ion	Ratio	Lower	Upper
113	100		
111	102.0	83.2	124.8
192	18.9	14.8	22.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#36

1,1-Dichloropropene

Concen: 0.879 ug/l

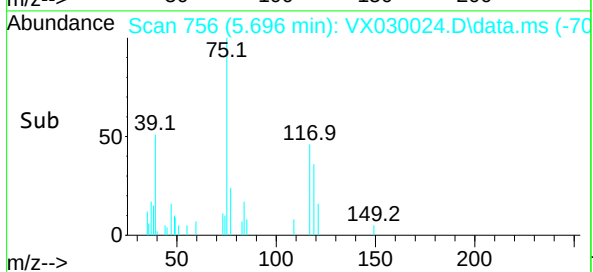
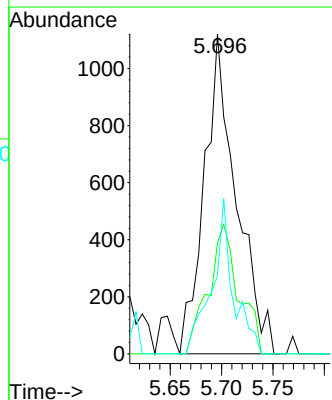
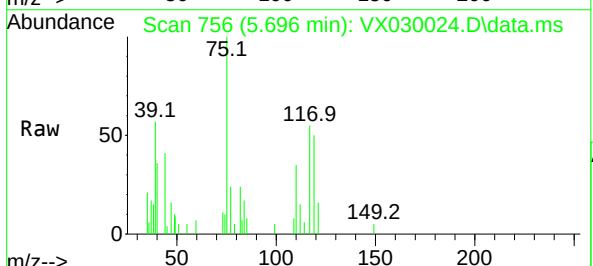
RT: 5.696 min Scan# 756

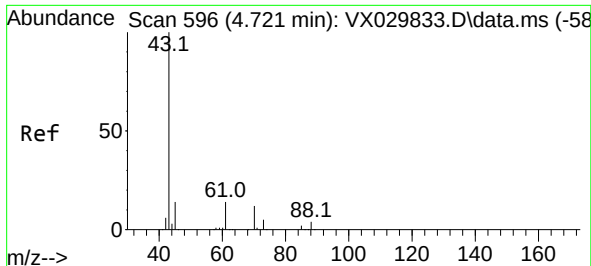
Delta R.T. 0.000 min

Lab File: VX030024.D

Acq: 12 Jul 2022 17:04

Tgt Ion:	75	Resp:	2420
Ion	Ratio	Lower	Upper
75	100		
110	38.7	19.3	57.9
77	32.4	24.4	36.6





#37

Ethyl Acetate

Concen: 1.092 ug/l

RT: 4.733 min Scan# 596

Delta R.T. 0.012 min

Lab File: VX030024.D

Acq: 12 Jul 2022 17:04

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2022

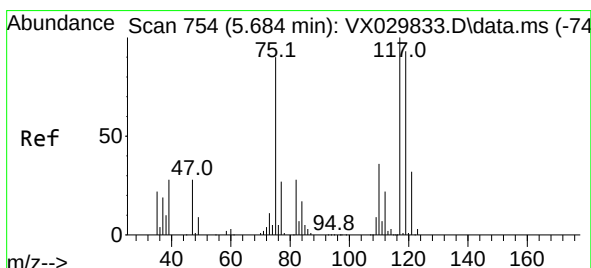
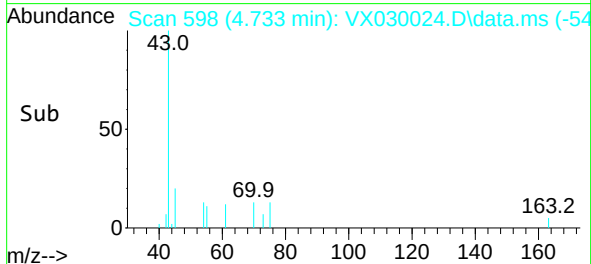
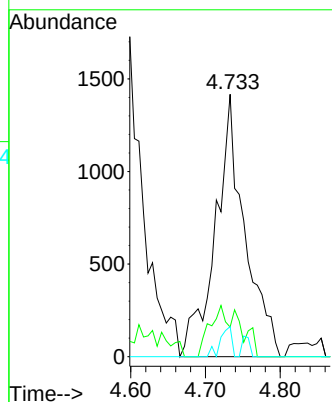
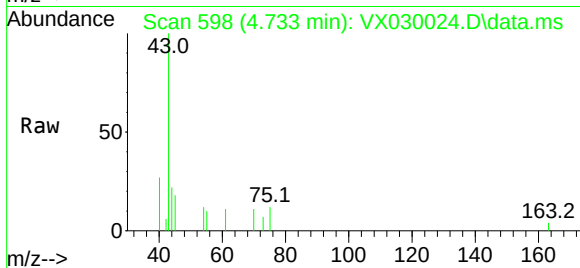
Tgt Ion: 43	Resp: 386
Ion Ratio	Lower Upper
43 100	
61 12.0	11.7 17.5
70 4.4	9.3 13.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#38

Carbon Tetrachloride

Concen: 0.891 ug/l

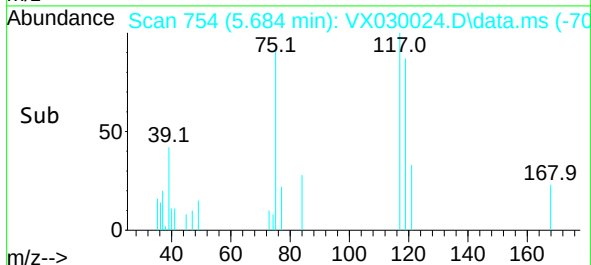
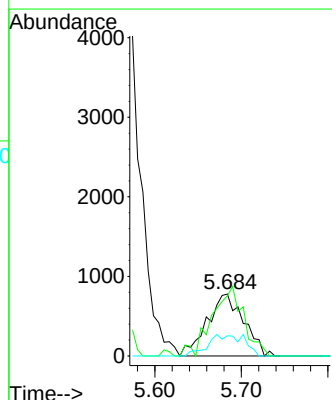
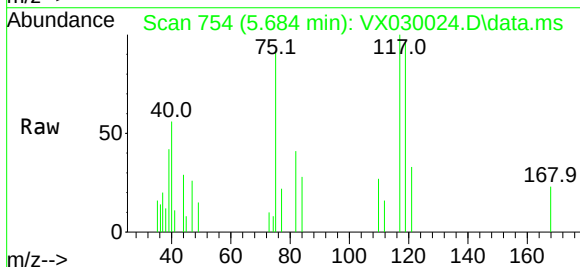
RT: 5.684 min Scan# 754

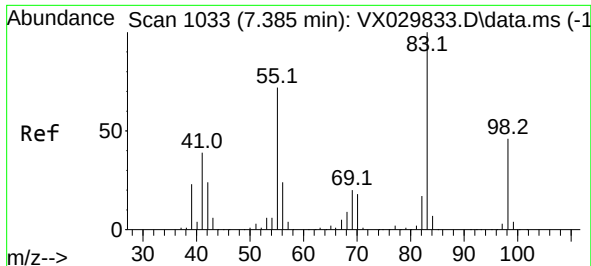
Delta R.T. -0.000 min

Lab File: VX030024.D

Acq: 12 Jul 2022 17:04

Tgt Ion: 117	Resp: 2288
Ion Ratio	Lower Upper
117 100	
119 97.2	74.1 111.1
121 32.5	25.8 38.8





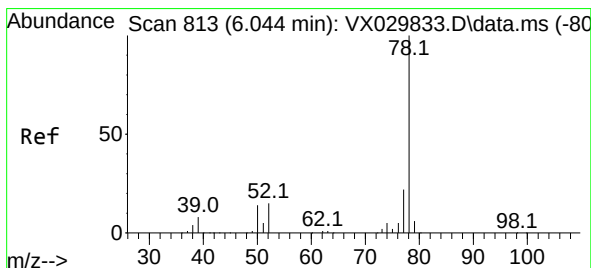
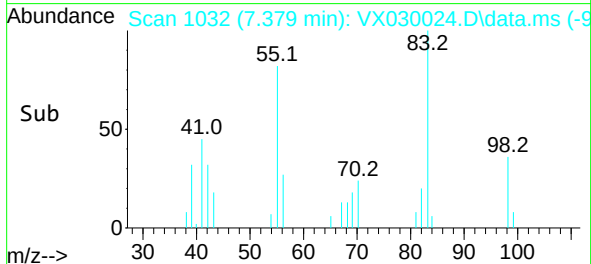
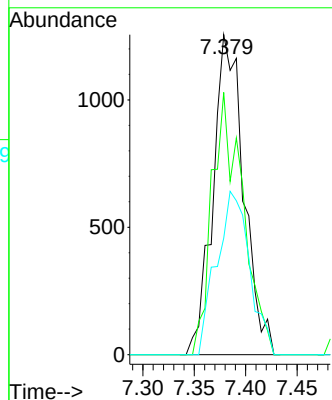
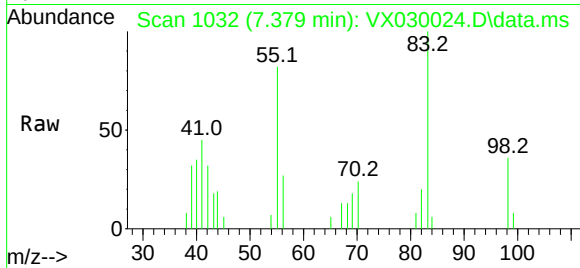
#39
Methylcyclohexane
Concen: 0.748 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX030024.D
Acq: 12 Jul 2022 17:04

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2022

Tgt Ion: 83 Resp: 261
Ion Ratio Lower Upper
83 100
55 81.9 57.7 86.5
98 36.4 36.5 54.7

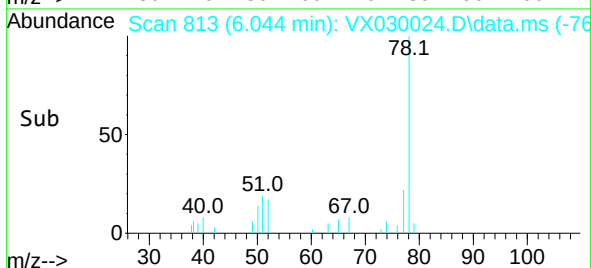
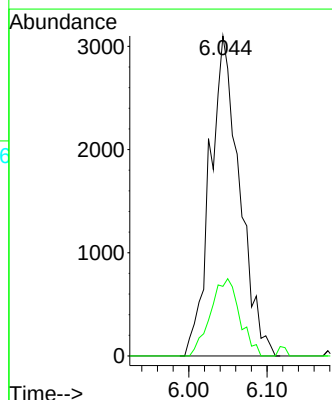
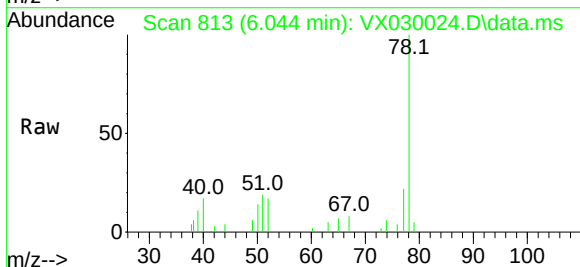
Manual Integrations
APPROVED

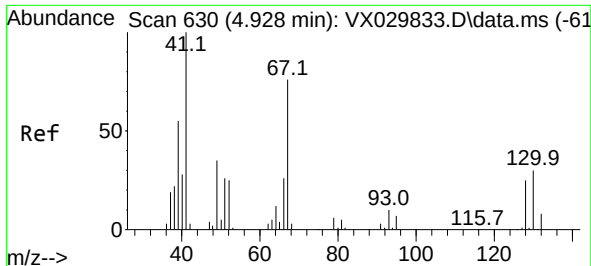
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#40
Benzene
Concen: 0.938 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX030024.D
Acq: 12 Jul 2022 17:04

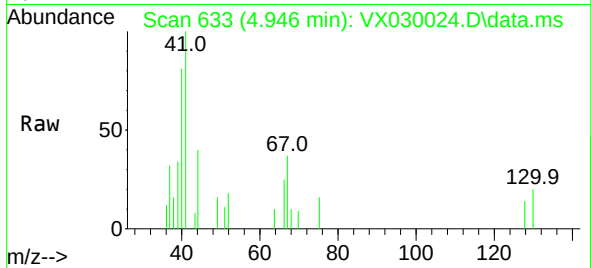
Tgt Ion: 78 Resp: 8127
Ion Ratio Lower Upper
78 100
77 21.7 18.0 27.0





#41
Methacrylonitrile
Concen: 1.062 ug/l
RT: 4.946 min Scan# 61
Delta R.T. 0.018 min
Lab File: VX030024.D
Acq: 12 Jul 2022 17:04

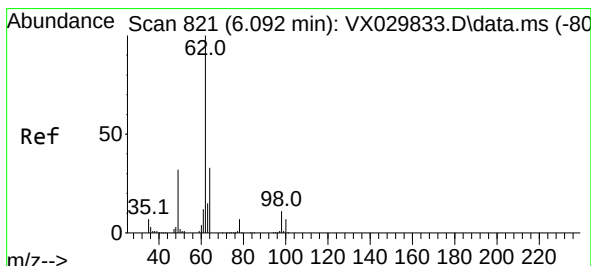
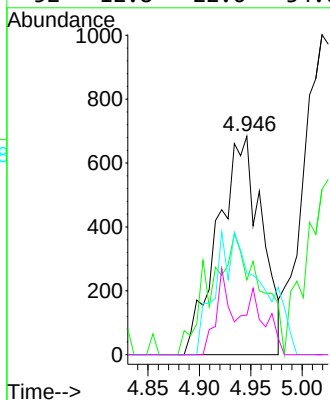
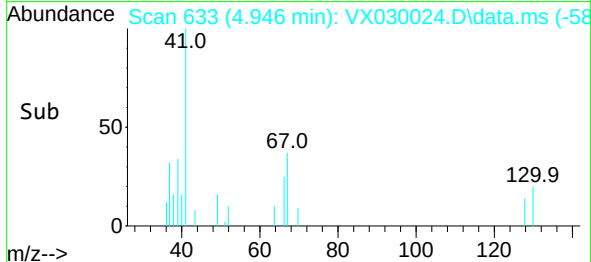
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion: 41 Resp: 2024
Ion Ratio Lower Upper
41 100
39 62.4 42.9 64.3
67 0.0 60.1 90.1
52 12.8 22.6 34.0#

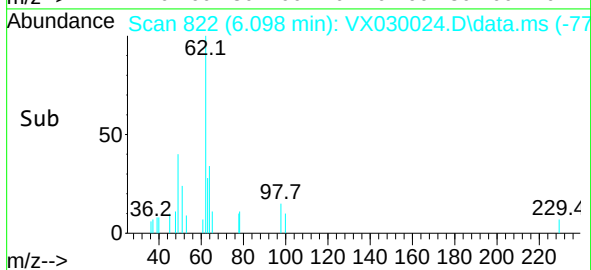
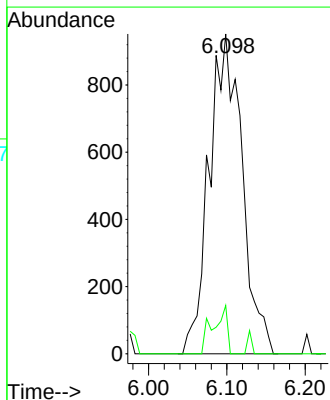
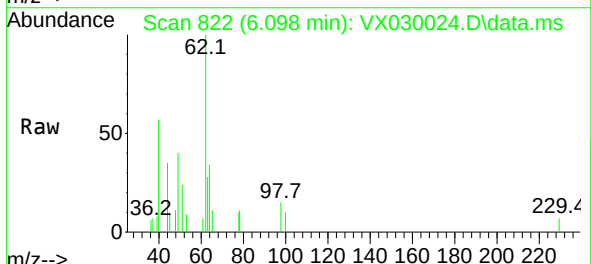
Manual Integrations
APPROVED

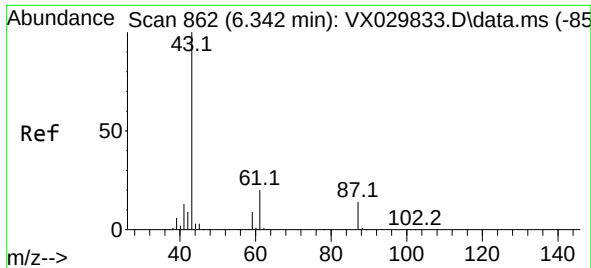
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#42
1,2-Dichloroethane
Concen: 1.032 ug/l
RT: 6.098 min Scan# 822
Delta R.T. 0.006 min
Lab File: VX030024.D
Acq: 12 Jul 2022 17:04

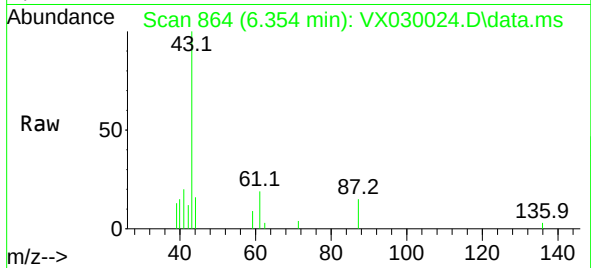
Tgt Ion: 62 Resp: 2773
Ion Ratio Lower Upper
62 100
98 6.5 0.0 20.2





#43
Isopropyl Acetate
Concen: 0.996 ug/l
RT: 6.354 min Scan# 864
Delta R.T. 0.012 min
Lab File: VX030024.D
Acq: 12 Jul 2022 17:04

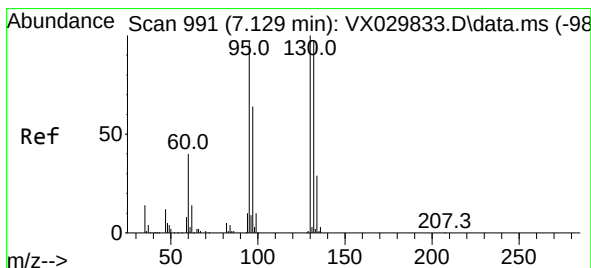
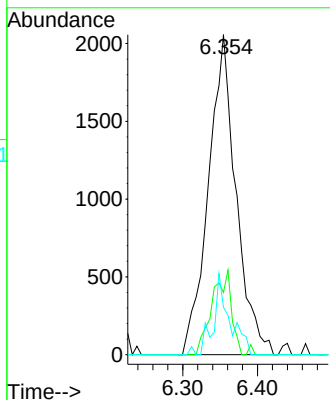
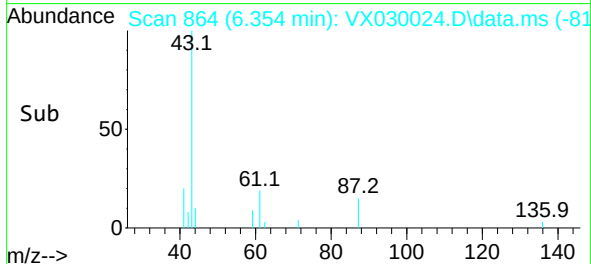
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion: 43 Resp: 5298
Ion Ratio Lower Upper
43 100
61 18.5 16.5 24.7
87 14.9 11.1 16.7

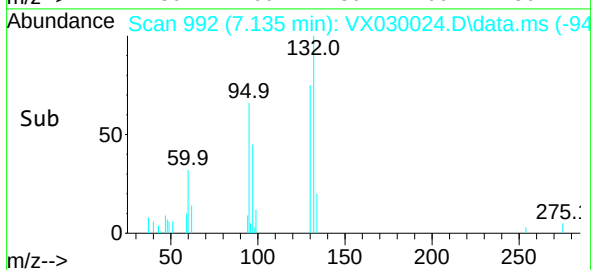
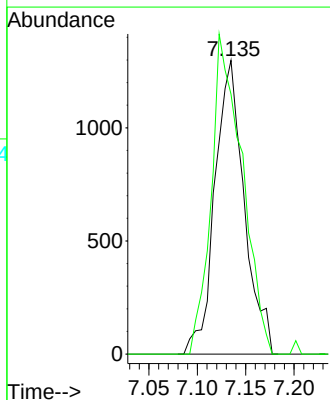
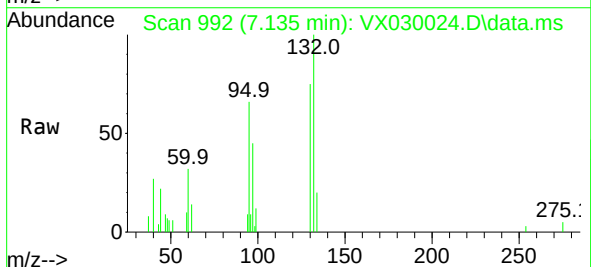
Manual Integrations
APPROVED

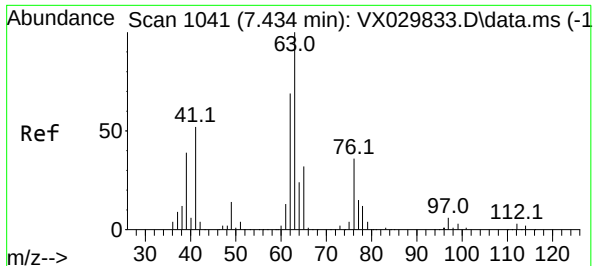
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#44
Trichloroethene
Concen: 1.081 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX030024.D
Acq: 12 Jul 2022 17:04

Tgt Ion:130 Resp: 2738
Ion Ratio Lower Upper
130 100
95 88.5 0.0 194.8





#45

1,2-Dichloropropane

Concen: 0.916 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX030024.D

Acq: 12 Jul 2022 17:04

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2022

Tgt Ion: 63 Resp: 206

Ion Ratio Lower Upper

63 100

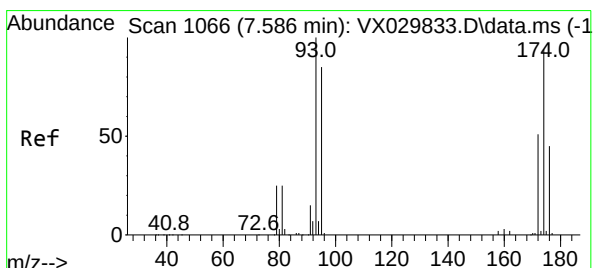
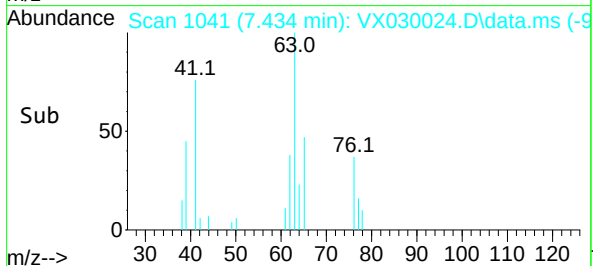
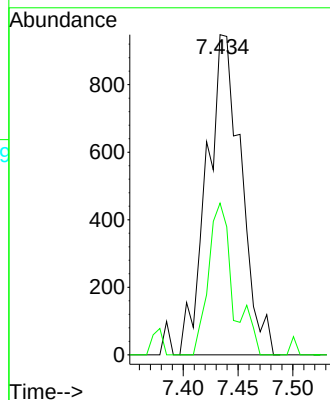
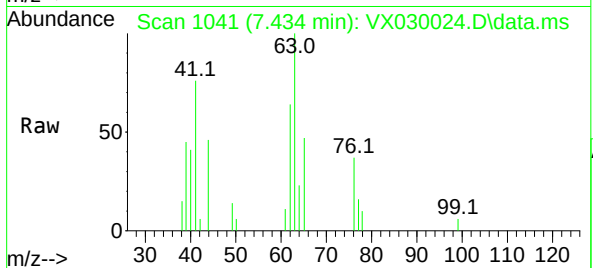
65 47.4 25.2 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#46

Dibromomethane

Concen: 0.971 ug/l

RT: 7.592 min Scan# 1067

Delta R.T. 0.006 min

Lab File: VX030024.D

Acq: 12 Jul 2022 17:04

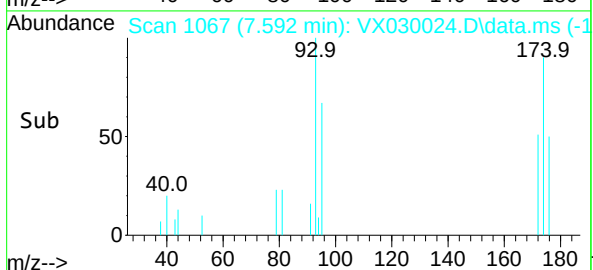
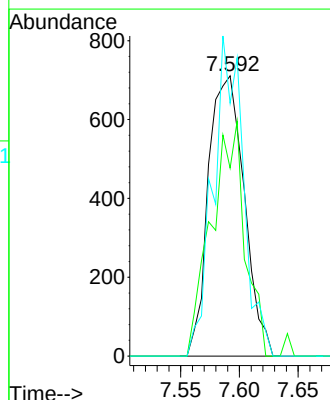
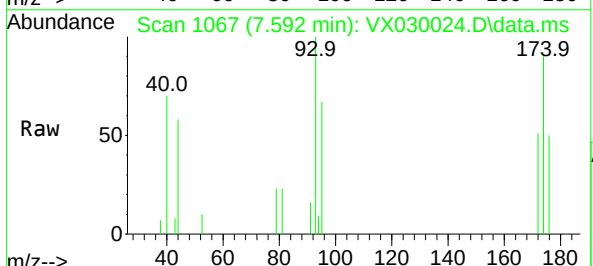
Tgt Ion: 93 Resp: 1506

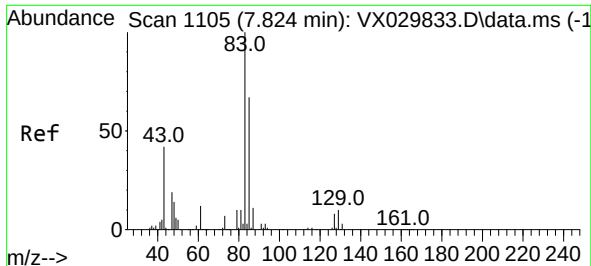
Ion Ratio Lower Upper

93 100

95 78.6 67.4 101.0

174 96.2 75.6 113.4





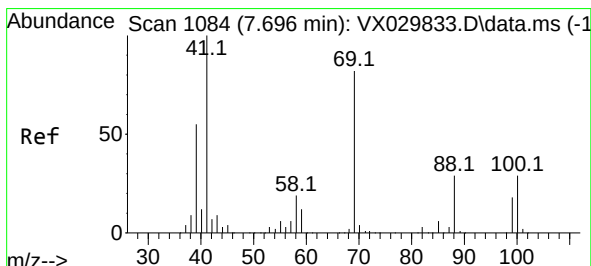
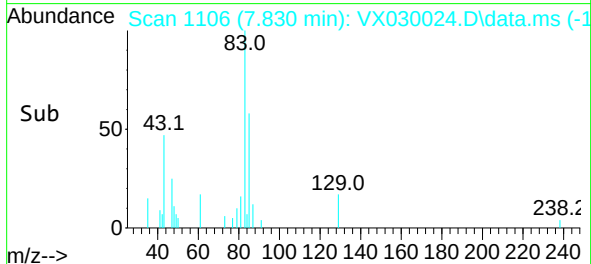
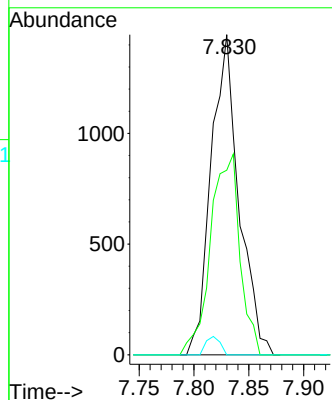
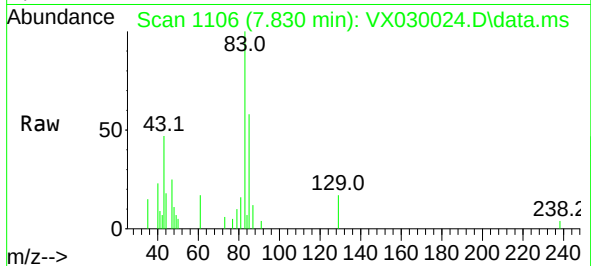
#47
Bromodichloromethane
Concen: 0.907 ug/l
RT: 7.830 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX030024.D
Acq: 12 Jul 2022 17:04

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2022

Tgt Ion: 83 Resp: 255
Ion Ratio Lower Upper
83 100
85 57.7 53.5 80.3
127 0.0 6.6 10.0

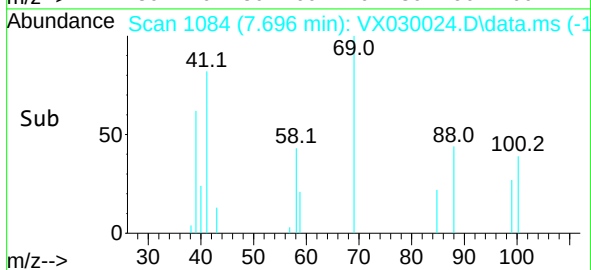
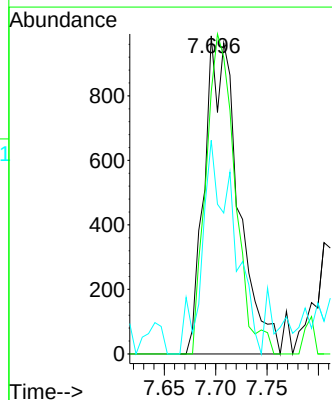
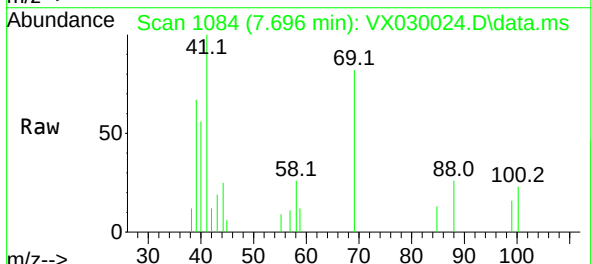
Manual Integrations
APPROVED

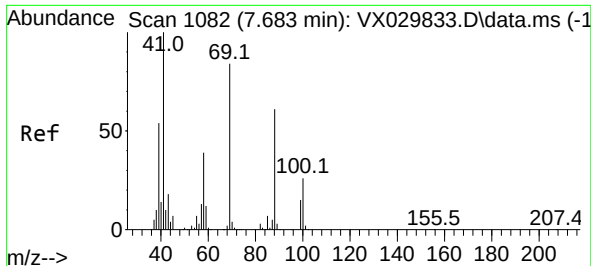
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#48
Methyl methacrylate
Concen: 0.910 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX030024.D
Acq: 12 Jul 2022 17:04

Tgt Ion: 41 Resp: 2234
Ion Ratio Lower Upper
41 100
69 87.2 68.8 103.2
39 62.3 44.6 66.8





#49

1,4-Dioxane

Concen: 18.969 ug/l

RT: 7.683 min Scan# 1082

Delta R.T. 0.000 min

Lab File: VX030024.D

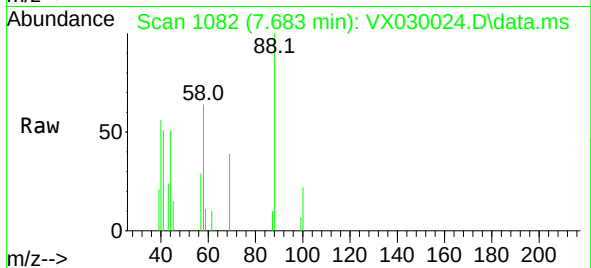
Acq: 12 Jul 2022 17:04

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2022



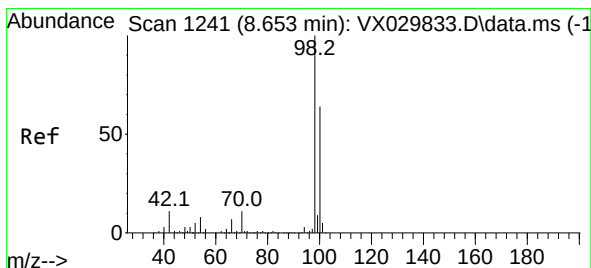
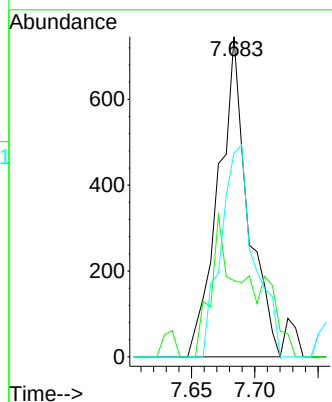
Tgt Ion: 88	Resp: 1210
Ion Ratio	Lower Upper
88 100	
43 57.3	23.8 35.8
58 74.4	53.8 80.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#50

Toluene-d8

Concen: 50.888 ug/l

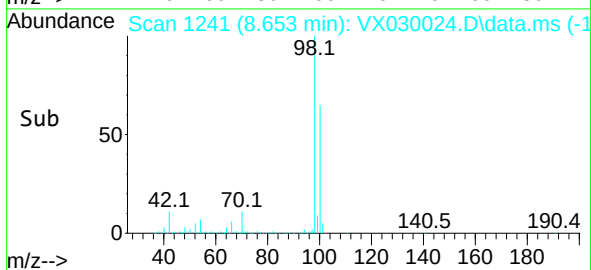
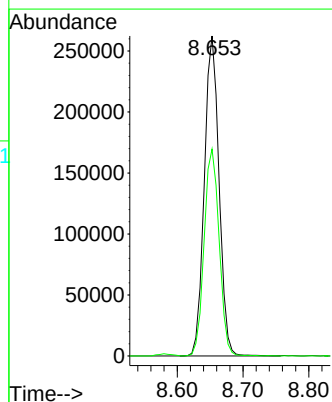
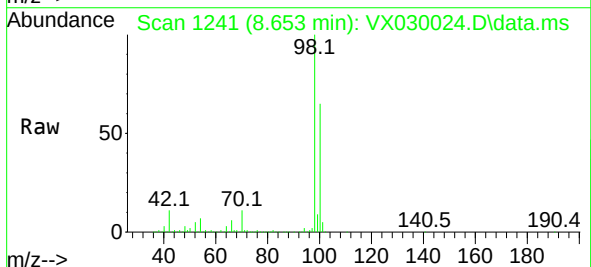
RT: 8.653 min Scan# 1241

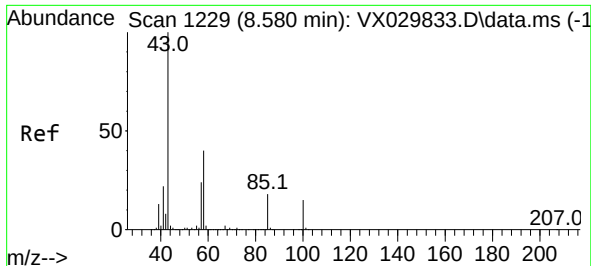
Delta R.T. -0.000 min

Lab File: VX030024.D

Acq: 12 Jul 2022 17:04

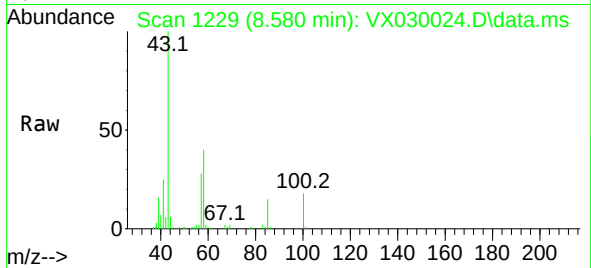
Tgt Ion: 98	Resp: 408032
Ion Ratio	Lower Upper
98 100	
100 65.9	52.3 78.5





#51
4-Methyl-2-Pentanone
Concen: 4.515 ug/l
RT: 8.580 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX030024.D
Acq: 12 Jul 2022 17:04

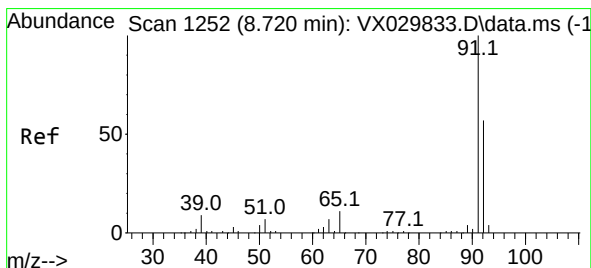
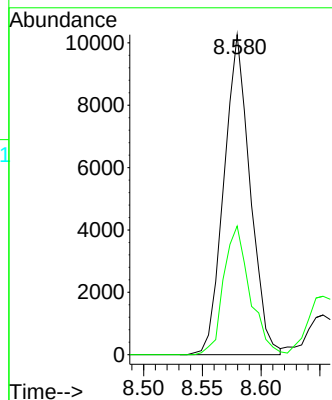
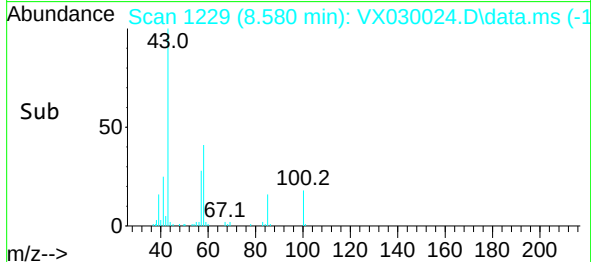
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2022



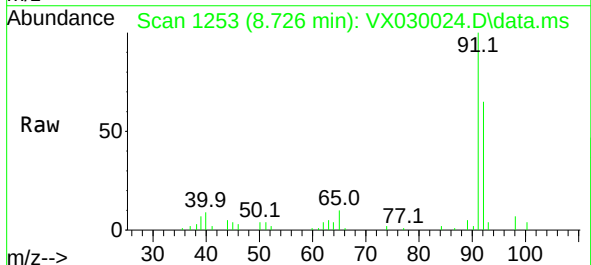
Tgt Ion: 43 Resp: 1589
Ion Ratio Lower Upper
43 100
58 40.4 31.4 47.2

Manual Integrations
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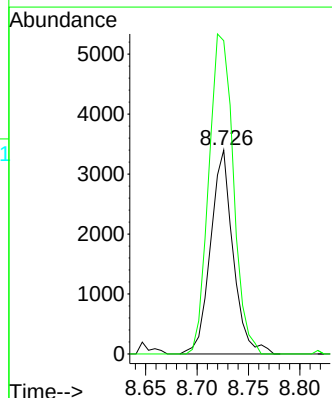
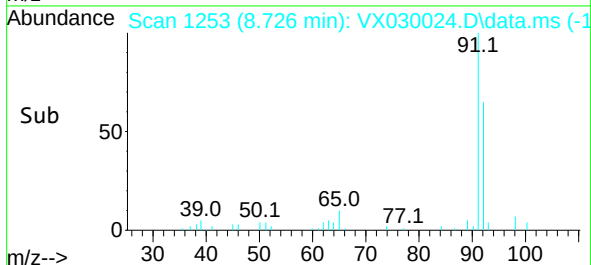
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

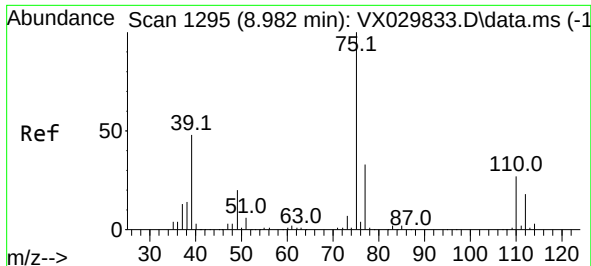


#52
Toluene
Concen: 0.941 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX030024.D
Acq: 12 Jul 2022 17:04



Tgt Ion: 92 Resp: 5182
Ion Ratio Lower Upper
92 100
91 171.1 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 0.859 ug/l

RT: 8.982 min Scan# 1195

Delta R.T. 0.000 min

Lab File: VX030024.D

Acq: 12 Jul 2022 17:04

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2022

Tgt Ion: 75 Resp: 2512

Ion Ratio Lower Upper

75 100

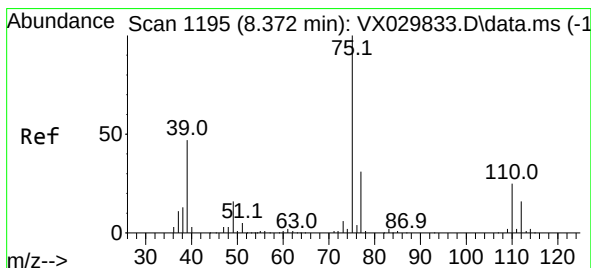
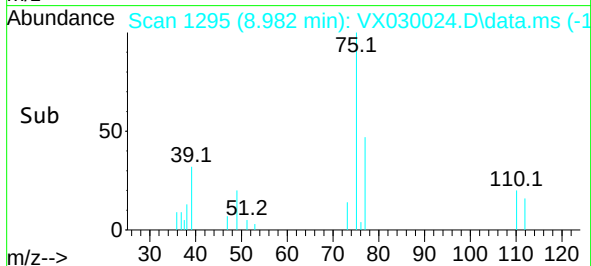
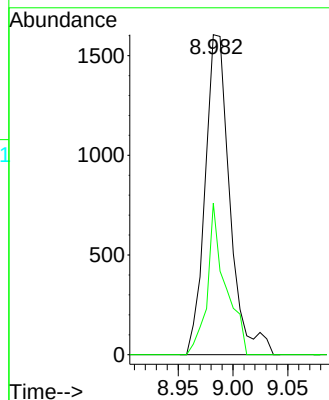
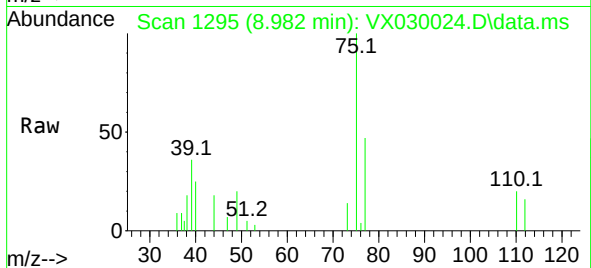
77 47.4 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#54

cis-1,3-Dichloropropene

Concen: 0.845 ug/l

RT: 8.372 min Scan# 1195

Delta R.T. 0.000 min

Lab File: VX030024.D

Acq: 12 Jul 2022 17:04

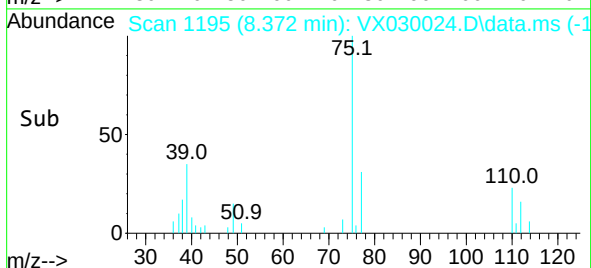
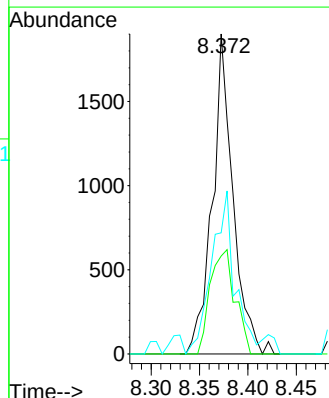
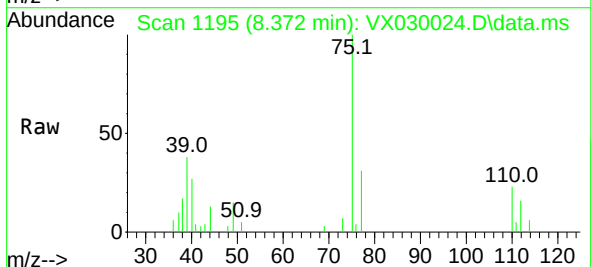
Tgt Ion: 75 Resp: 2828

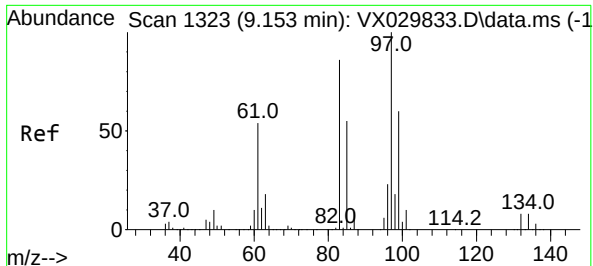
Ion Ratio Lower Upper

75 100

77 30.6 25.0 37.4

39 37.9 37.5 56.3





#55

1,1,2-Trichloroethane

Concen: 0.933 ug/l

RT: 9.153 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VX030024.D

Acq: 12 Jul 2022 17:04

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2022

Tgt Ion: 97 Resp: 2118

Ion Ratio Lower Upper

97 100

83 84.9 68.9 103.3

85 66.7 44.0 66.0

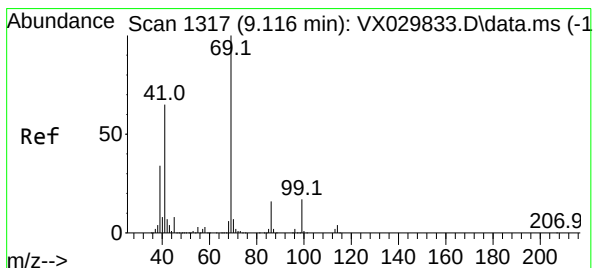
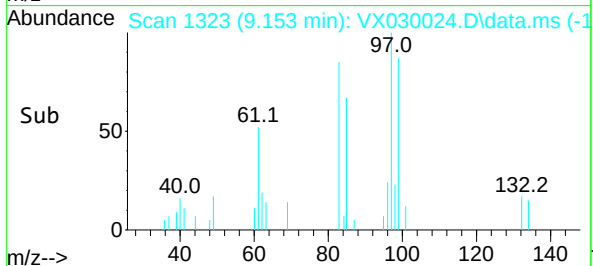
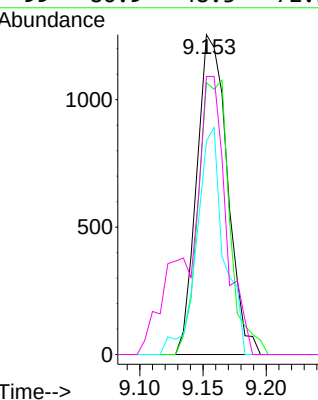
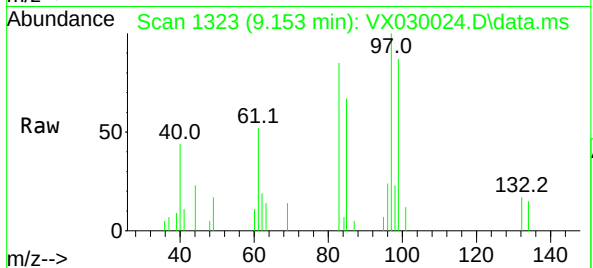
99 86.9 48.3 72.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#56

Ethyl methacrylate

Concen: 0.879 ug/l

RT: 9.122 min Scan# 1318

Delta R.T. 0.006 min

Lab File: VX030024.D

Acq: 12 Jul 2022 17:04

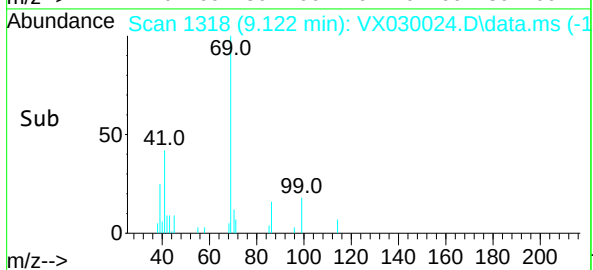
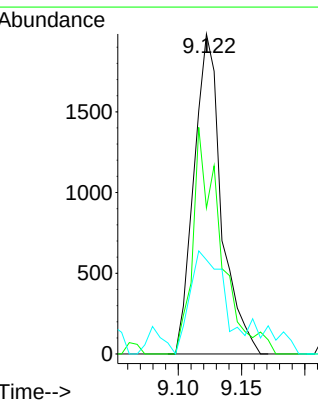
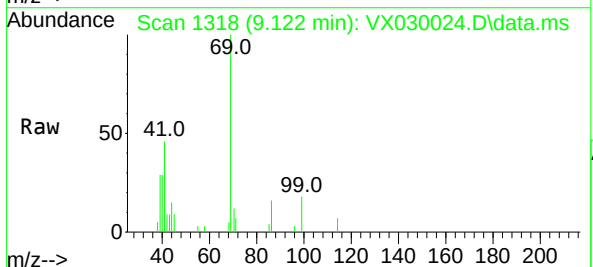
Tgt Ion: 69 Resp: 2998

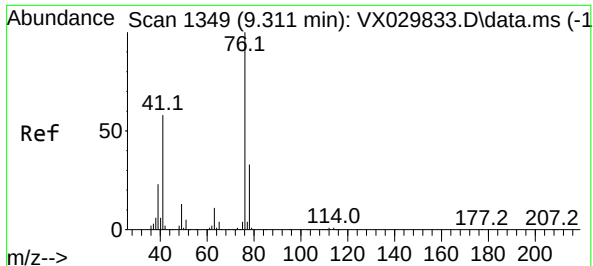
Ion Ratio Lower Upper

69 100

41 71.1 52.3 78.5

39 40.0 28.2 42.4





#57

1,3-Dichloropropane

Concen: 1.016 ug/l

RT: 9.311 min Scan# 1175

Delta R.T. 0.000 min

Lab File: VX030024.D

Acq: 12 Jul 2022 17:04

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2022

Tgt Ion: 76 Resp: 366

Ion Ratio Lower Upper

76 100

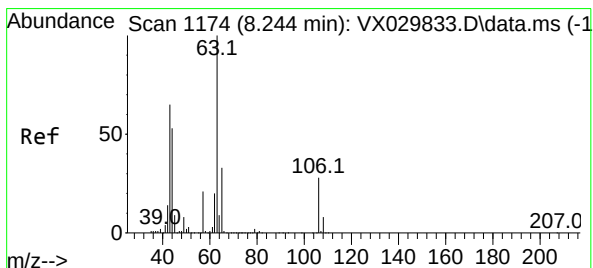
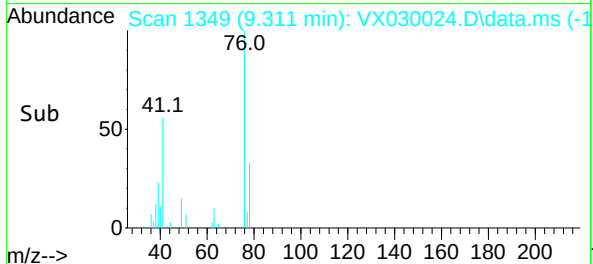
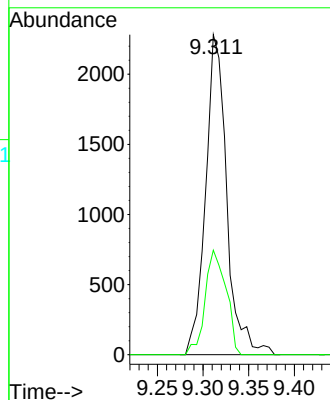
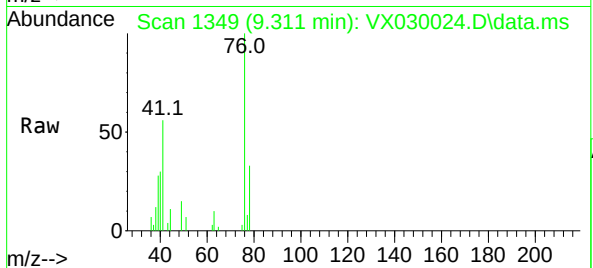
78 32.4 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#58

2-Chloroethyl Vinyl ether

Concen: 5.235 ug/l

RT: 8.250 min Scan# 1175

Delta R.T. 0.006 min

Lab File: VX030024.D

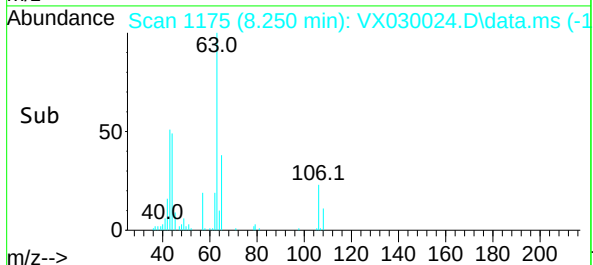
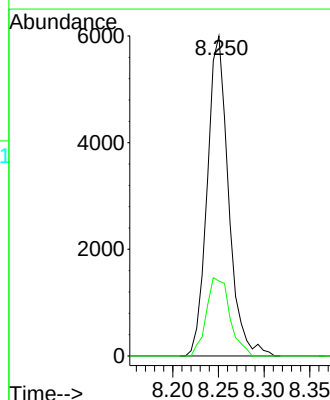
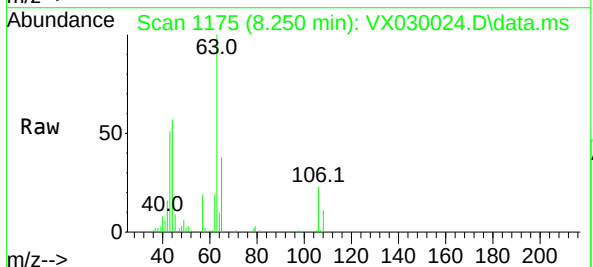
Acq: 12 Jul 2022 17:04

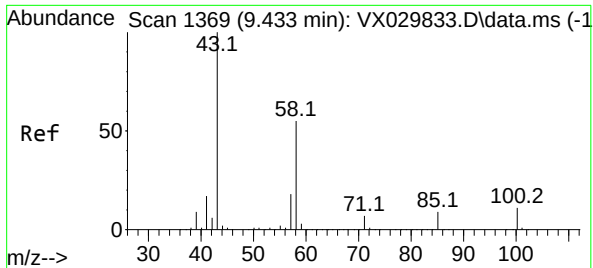
Tgt Ion: 63 Resp: 9700

Ion Ratio Lower Upper

63 100

106 27.0 22.2 33.2





#59

2-Hexanone

Concen: 4.733 ug/l

RT: 9.439 min Scan# 1369

Delta R.T. 0.006 min

Lab File: VX030024.D

Acq: 12 Jul 2022 17:04

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2022

Tgt Ion: 43 Resp: 1278

Ion Ratio Lower Upper

43 100

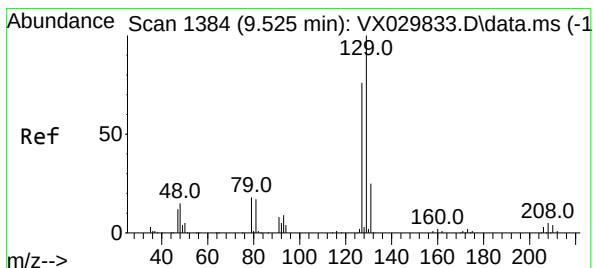
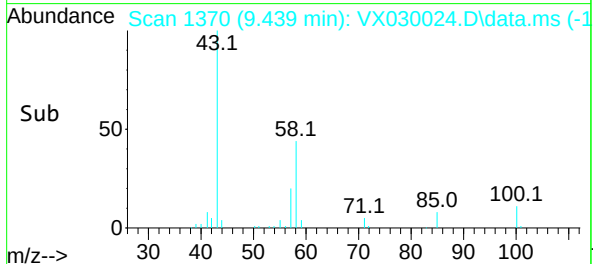
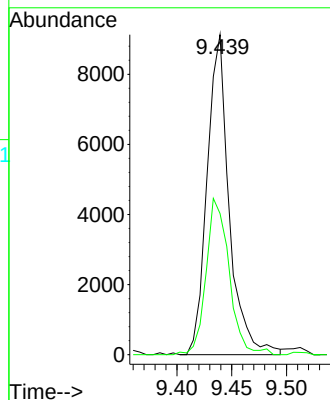
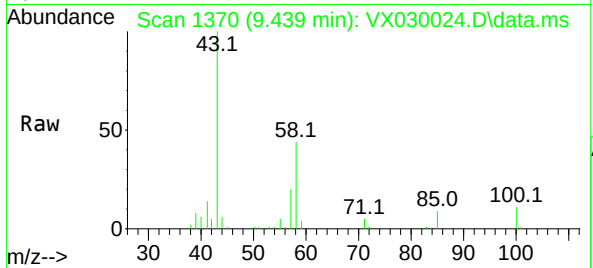
58 51.0 27.6 82.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#60

Dibromochloromethane

Concen: 0.880 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VX030024.D

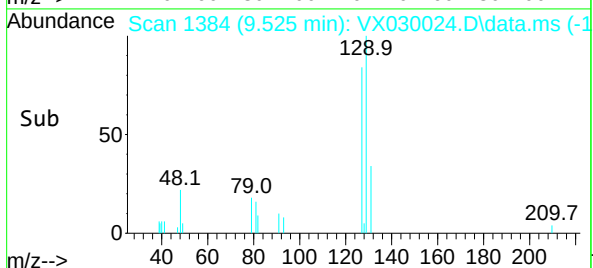
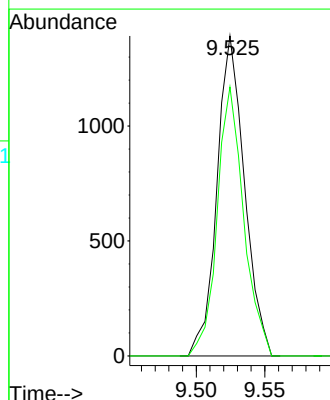
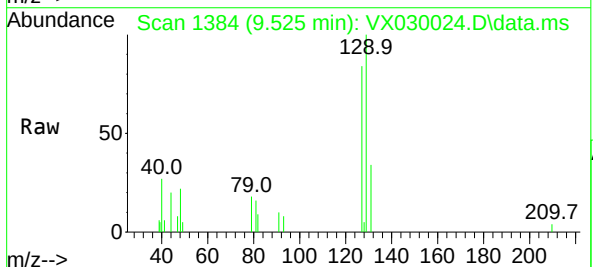
Acq: 12 Jul 2022 17:04

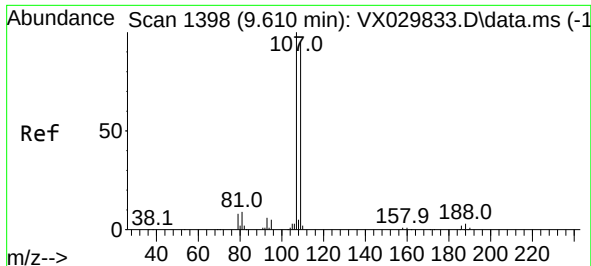
Tgt Ion:129 Resp: 1945

Ion Ratio Lower Upper

129 100

127 80.8 38.5 115.5





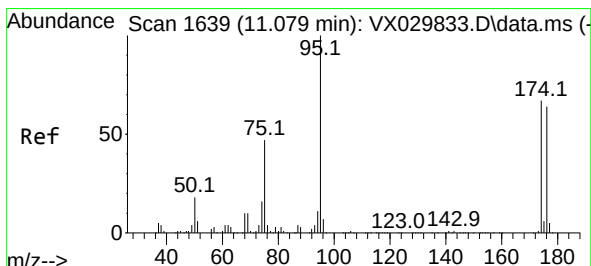
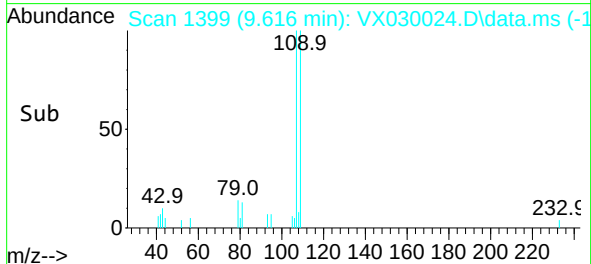
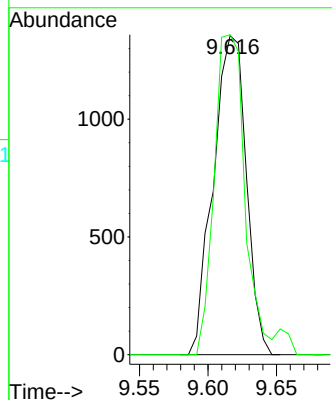
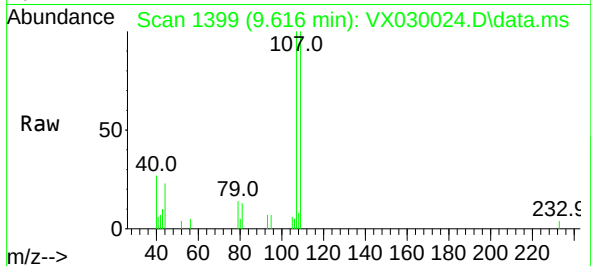
#61
1,2-Dibromoethane
Concen: 0.961 ug/l
RT: 9.616 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX030024.D
Acq: 12 Jul 2022 17:04

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2022

Tgt Ion:107 Resp: 227
Ion Ratio Lower Upper
107 100
109 95.9 76.6 114.8

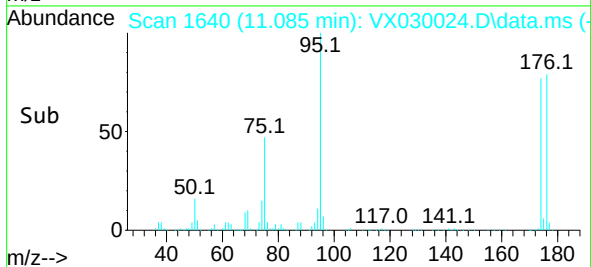
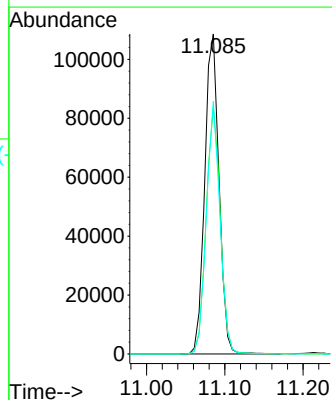
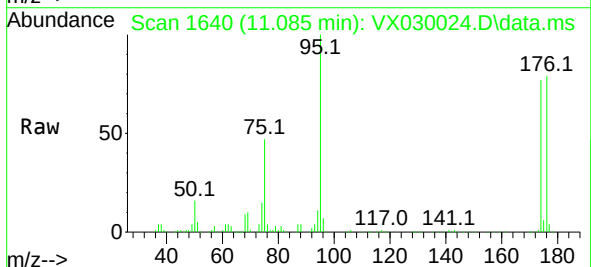
Manual Integrations
APPROVED

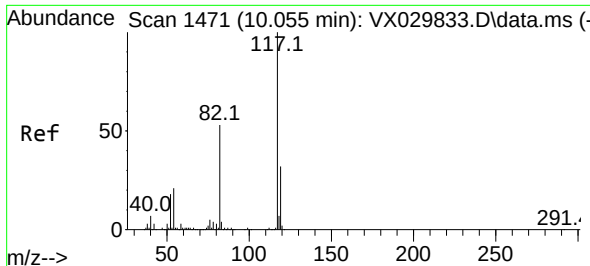
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#62
4-Bromofluorobenzene
Concen: 49.308 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX030024.D
Acq: 12 Jul 2022 17:04

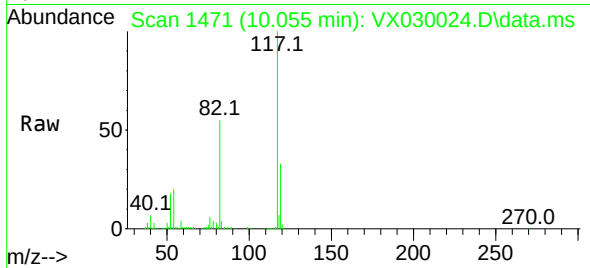
Tgt Ion: 95 Resp: 137203
Ion Ratio Lower Upper
95 100
174 76.9 0.0 149.0
176 75.2 0.0 146.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030024.D
Acq: 12 Jul 2022 17:04

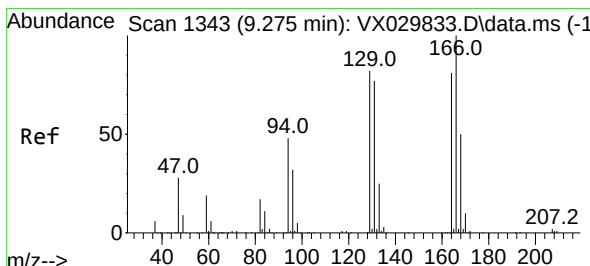
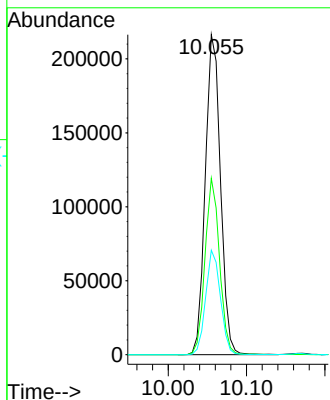
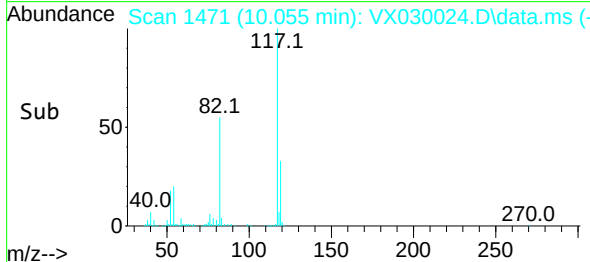
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion:117 Resp: 290828
Ion Ratio Lower Upper
117 100
82 55.1 42.7 64.1
119 32.7 25.4 38.2

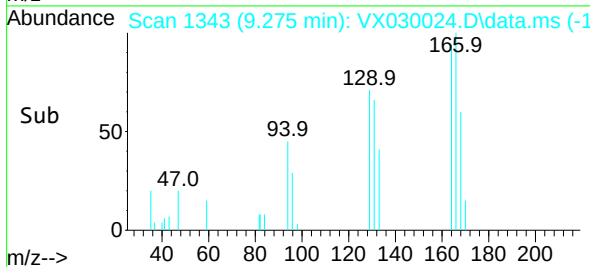
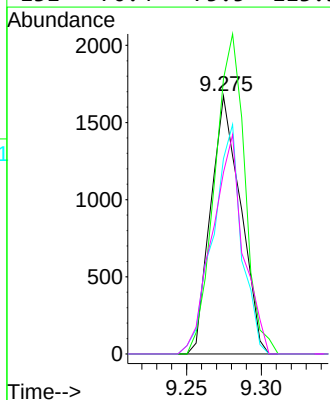
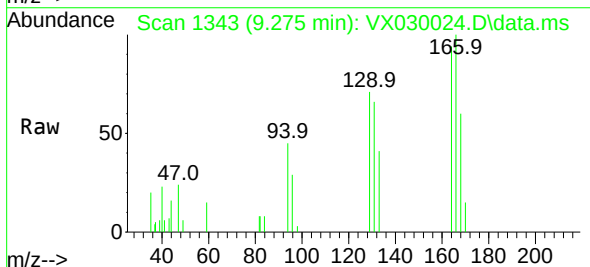
Manual Integrations
APPROVED

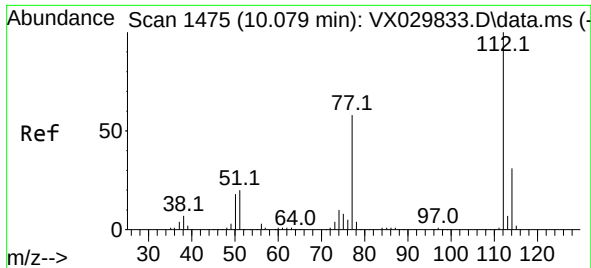
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#64
Tetrachloroethene
Concen: 0.996 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX030024.D
Acq: 12 Jul 2022 17:04

Tgt Ion:164 Resp: 2326
Ion Ratio Lower Upper
164 100
166 106.6 98.2 147.4
129 75.7 80.8 121.2#
131 70.4 75.5 113.3#





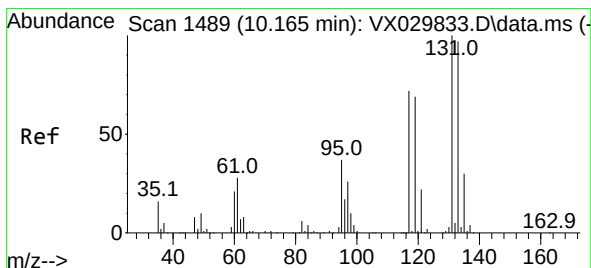
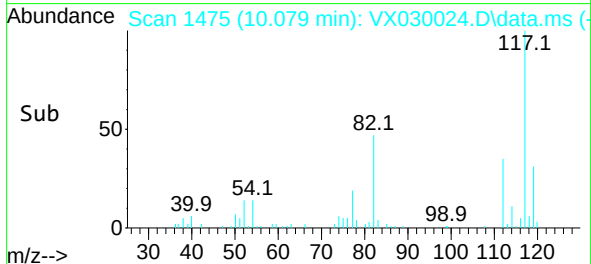
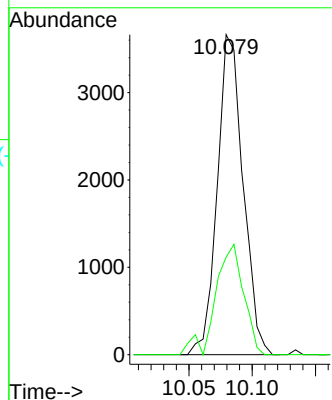
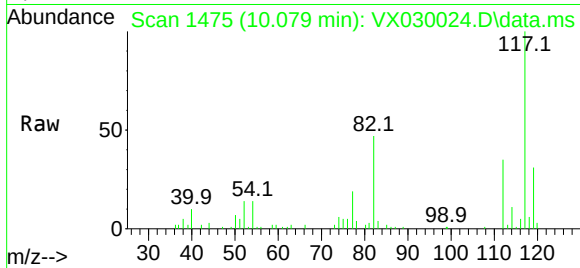
#65
Chlorobenzene
Concen: 0.895 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX030024.D
Acq: 12 Jul 2022 17:04

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2022

Tgt Ion:112 Resp: 5180
Ion Ratio Lower Upper
112 100
114 30.5 24.6 36.8

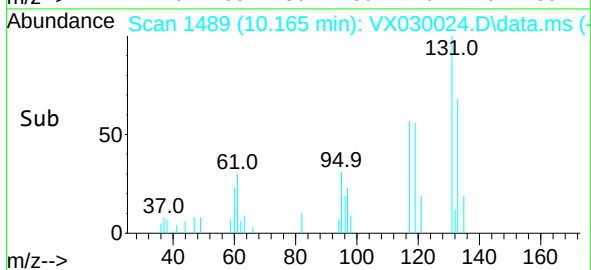
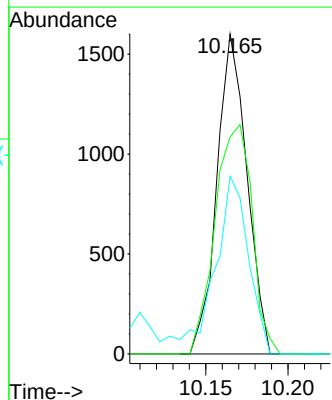
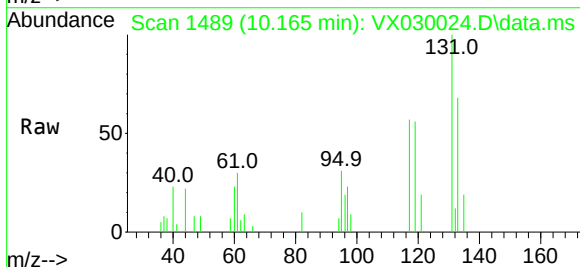
Manual Integrations
APPROVED

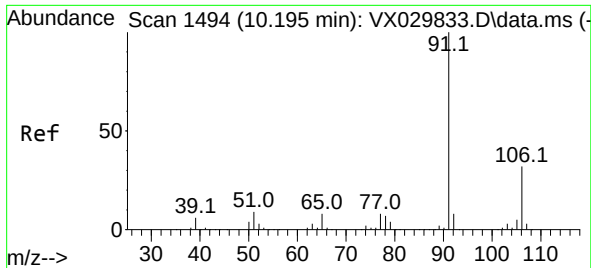
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 1.030 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX030024.D
Acq: 12 Jul 2022 17:04

Tgt Ion:131 Resp: 2033
Ion Ratio Lower Upper
131 100
133 88.5 46.9 140.8
119 0.0 34.4 103.1#





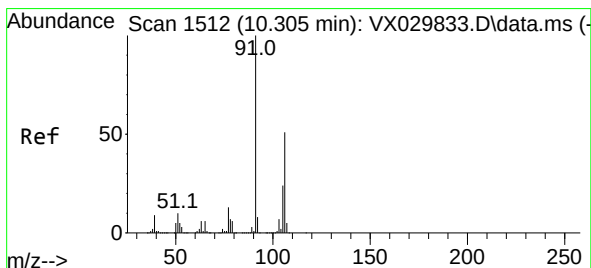
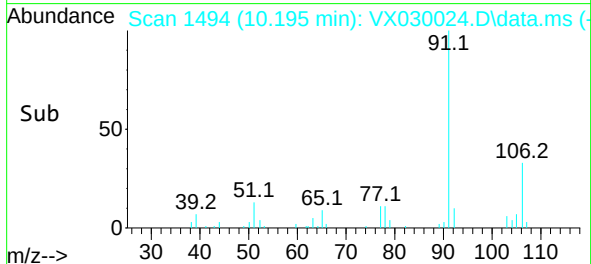
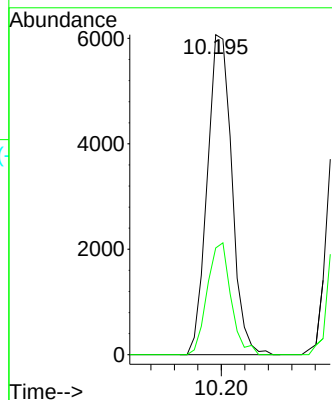
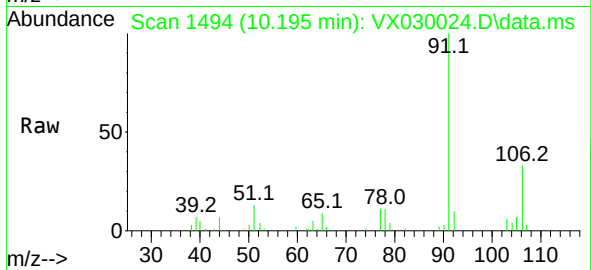
#67
Ethyl Benzene
Concen: 0.897 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX030024.D
Acq: 12 Jul 2022 17:04

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2022

Tgt Ion: 91 Resp: 880
Ion Ratio Lower Upper
91 100
106 33.4 25.5 38.3

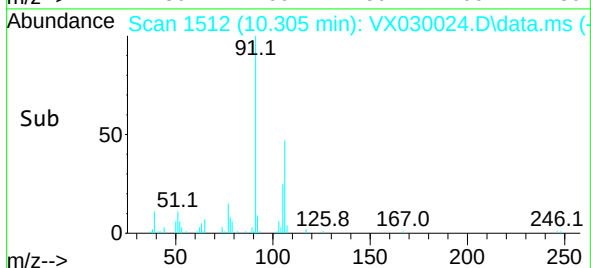
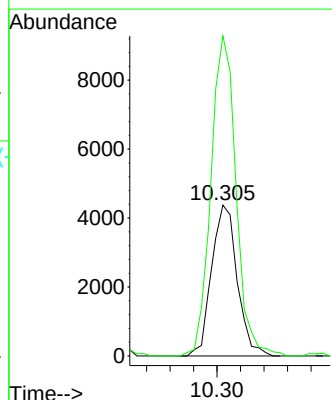
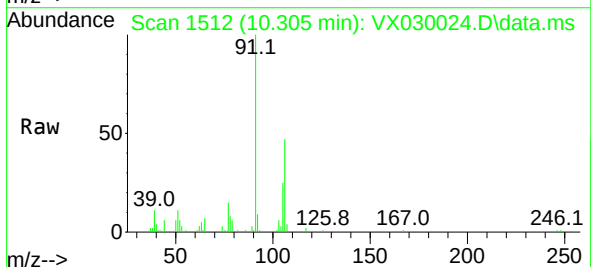
Manual Integrations
APPROVED

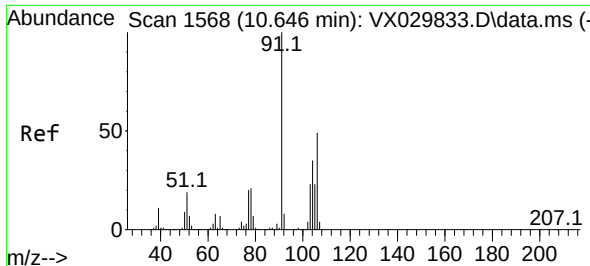
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#68
m/p-Xylenes
Concen: 1.719 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX030024.D
Acq: 12 Jul 2022 17:04

Tgt Ion:106 Resp: 6617
Ion Ratio Lower Upper
106 100
91 208.4 158.2 237.4





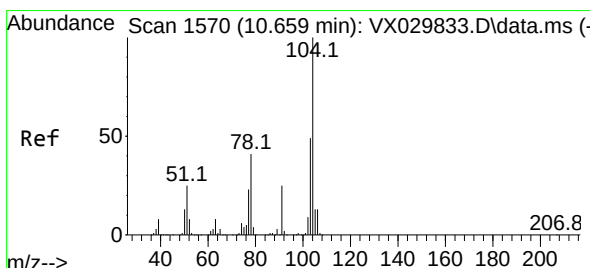
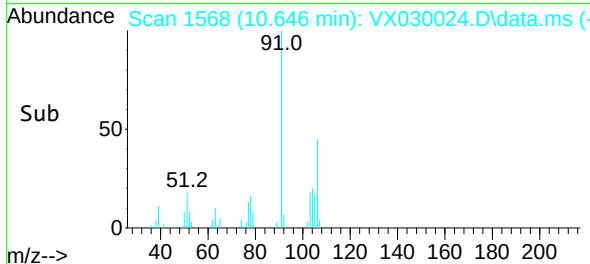
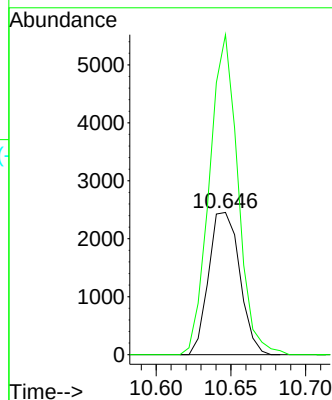
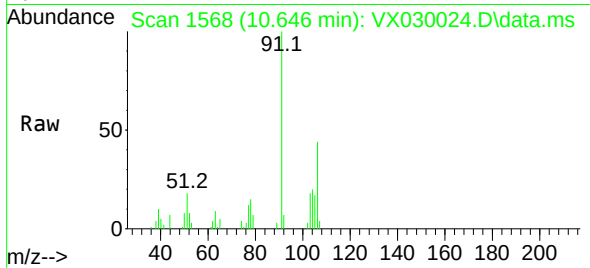
#69
o-Xylene
Concen: 0.920 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX030024.D
Acq: 12 Jul 2022 17:04

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2022

Tgt Ion:106 Resp: 3548
Ion Ratio Lower Upper
106 100
91 206.2 103.8 311.6

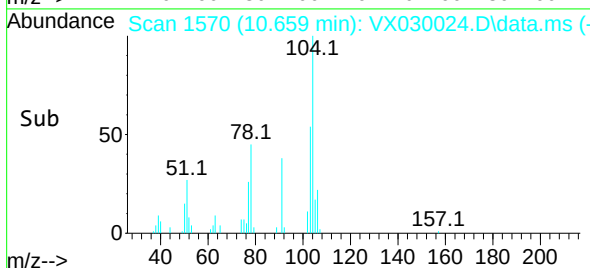
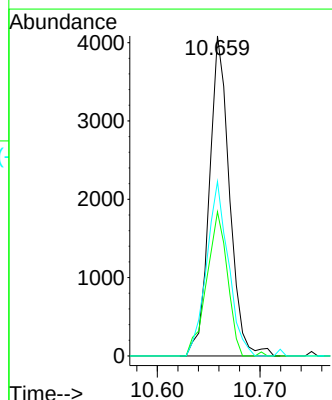
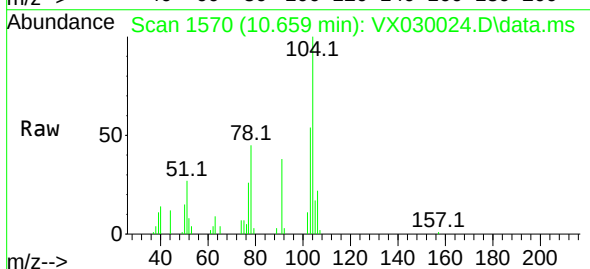
Manual Integrations
APPROVED

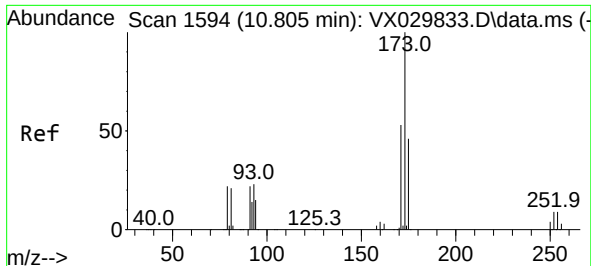
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#70
Styrene
Concen: 0.873 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX030024.D
Acq: 12 Jul 2022 17:04

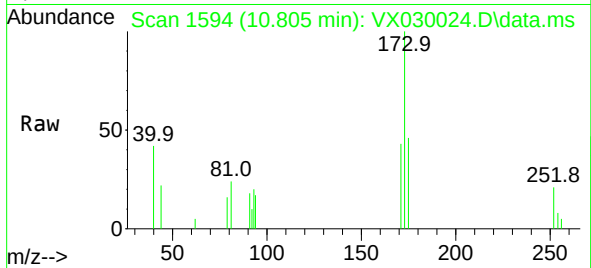
Tgt Ion:104 Resp: 5586
Ion Ratio Lower Upper
104 100
78 46.0 37.8 56.8
103 58.9 44.5 66.7





#71
Bromoform
Concen: 0.925 ug/l
RT: 10.805 min Scan# 1594
Delta R.T. -0.000 min
Lab File: VX030024.D
Acq: 12 Jul 2022 17:04

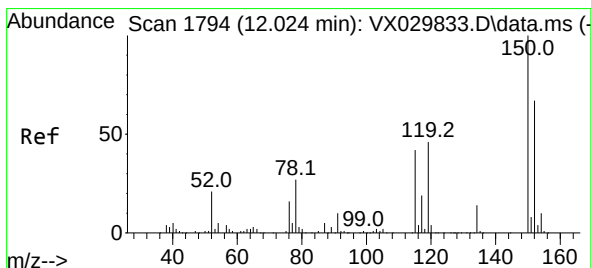
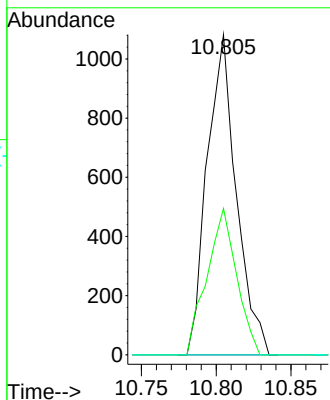
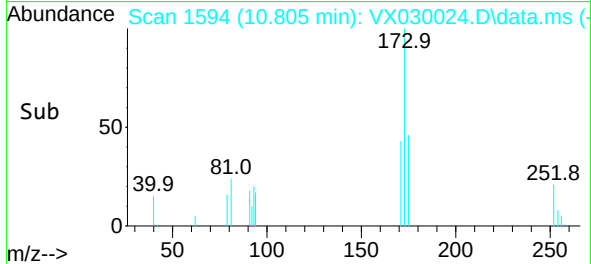
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion:173 Resp: 146
Ion Ratio Lower Upper
173 100
175 46.6 23.8 71.2
254 0.0 0.1 0.1

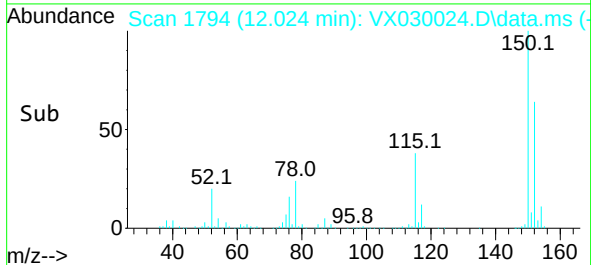
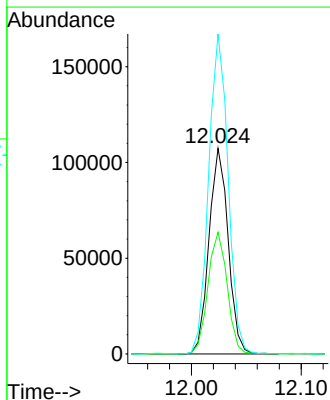
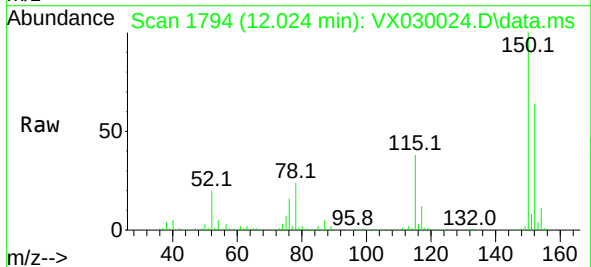
Manual Integrations
APPROVED

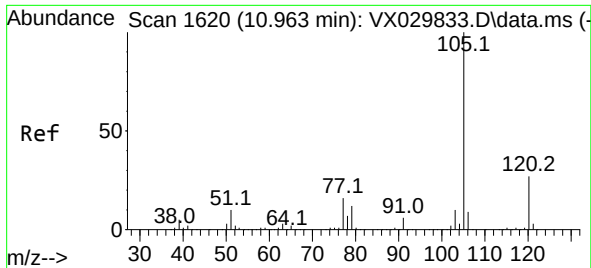
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030024.D
Acq: 12 Jul 2022 17:04

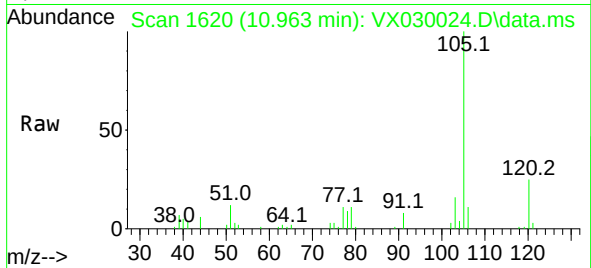
Tgt Ion:152 Resp: 130553
Ion Ratio Lower Upper
152 100
115 59.5 40.5 121.5
150 157.6 0.0 347.0





#73
Isopropylbenzene
Concen: 0.902 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX030024.D
Acq: 12 Jul 2022 17:04

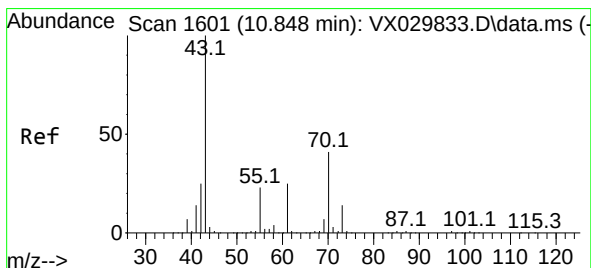
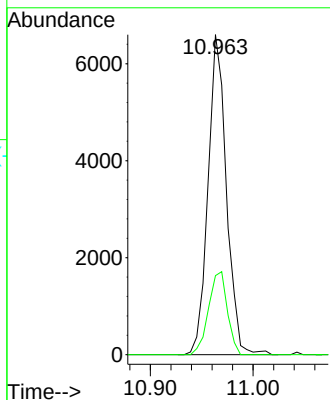
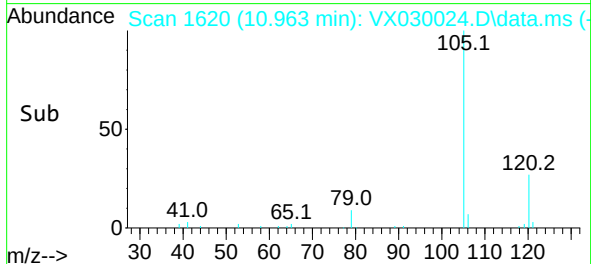
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2022



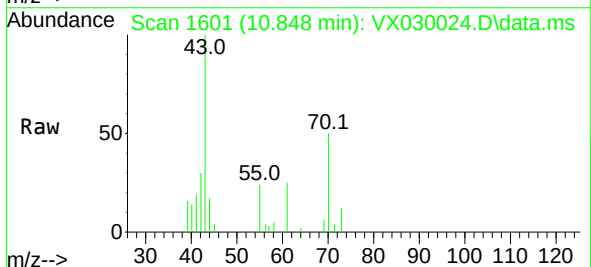
Tgt Ion:105 Resp: 819
Ion Ratio Lower Upper
105 100
120 26.5 13.5 40.4

Manual Integrations
APPROVED

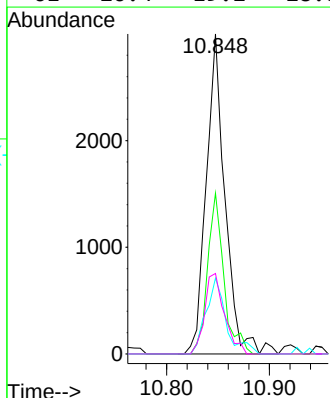
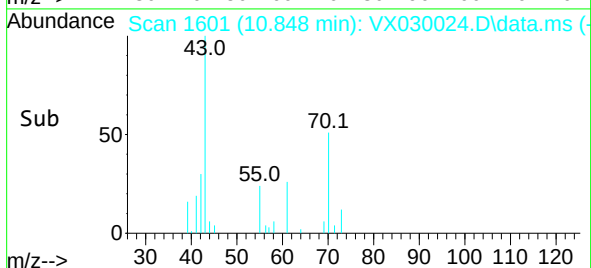
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

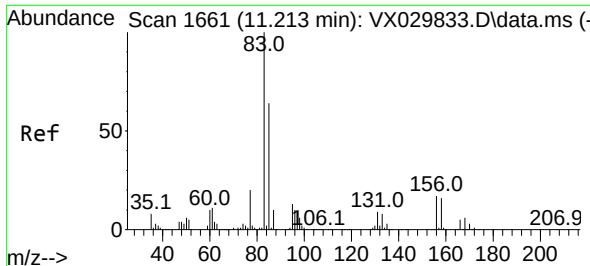


#74
N-ethyl acetate
Concen: 0.958 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VX030024.D
Acq: 12 Jul 2022 17:04



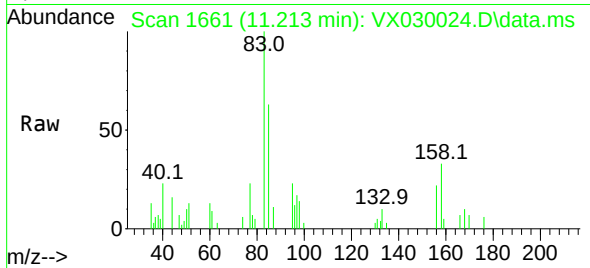
Tgt Ion: 43 Resp: 3824
Ion Ratio Lower Upper
43 100
70 43.6 32.3 48.5
55 25.3 18.4 27.6
61 26.4 19.2 28.8





#75
1,1,2,2-Tetrachloroethane
Concen: 0.964 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX030024.D
Acq: 12 Jul 2022 17:04

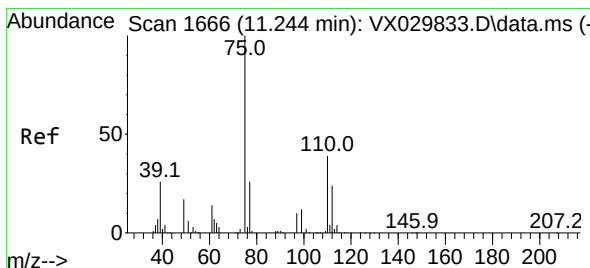
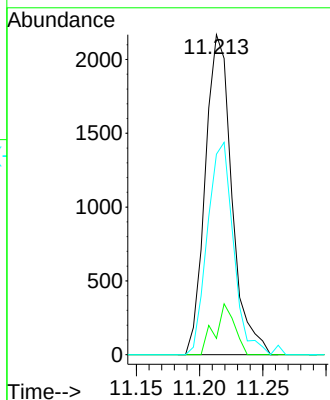
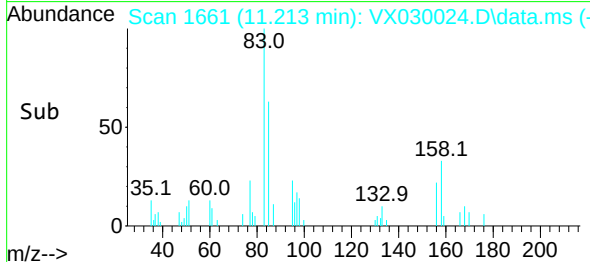
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2022



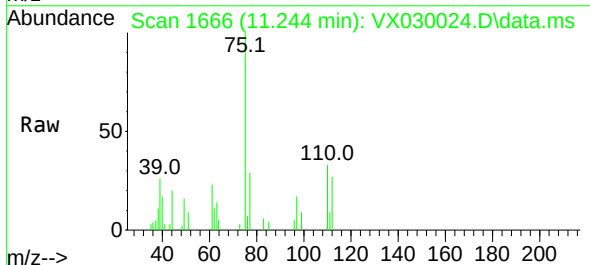
Tgt Ion: 83 Resp: 316
Ion Ratio Lower Upper
83 100
131 11.7 4.5 13.7
85 64.9 32.5 97.5

Manual Integrations
APPROVED

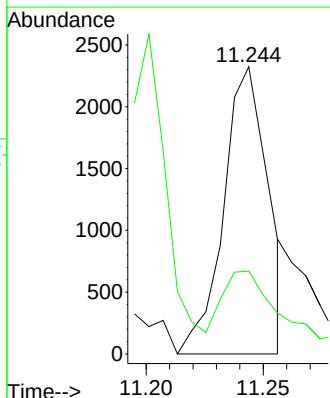
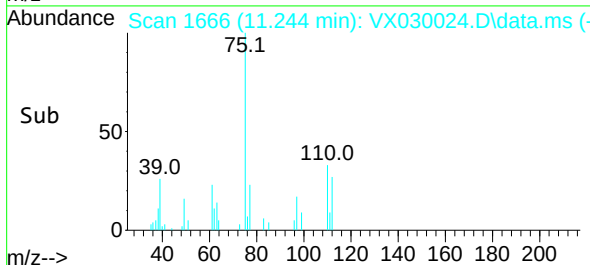
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

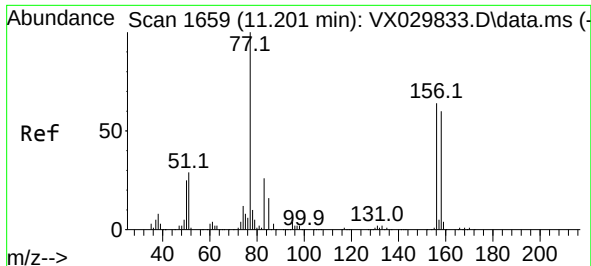


#76
1,2,3-Trichloropropane
Concen: 1.019 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VX030024.D
Acq: 12 Jul 2022 17:04



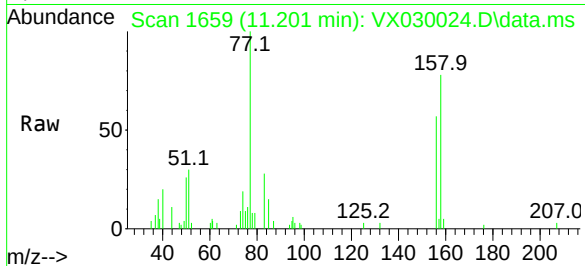
Tgt Ion: 75 Resp: 3060
Ion Ratio Lower Upper
75 100
77 40.1 19.8 59.3





#77
Bromobenzene
Concen: 0.897 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX030024.D
Acq: 12 Jul 2022 17:04

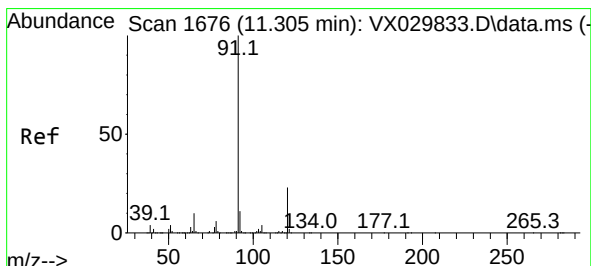
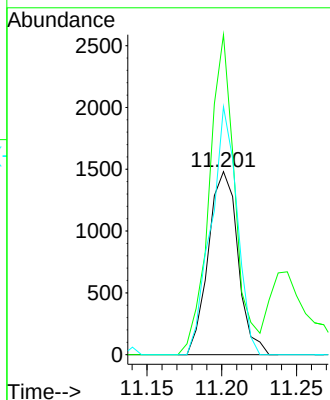
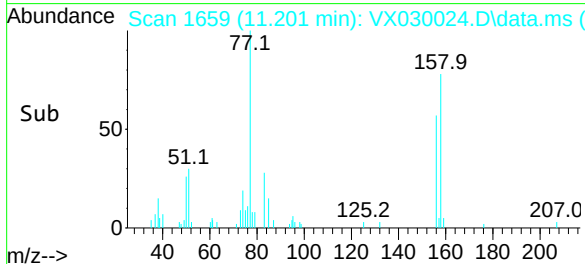
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2022



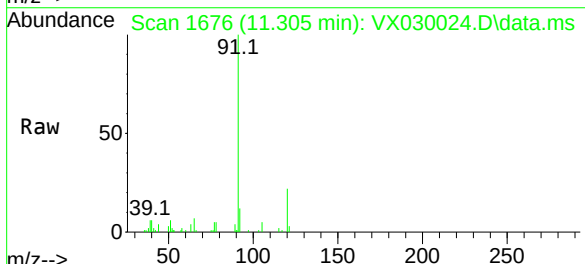
Tgt Ion:156 Resp: 2040
Ion Ratio Lower Upper
156 100
77 152.2 82.7 247.9
158 119.6 47.5 142.5

Manual Integrations
APPROVED

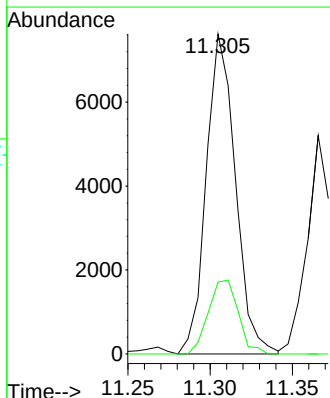
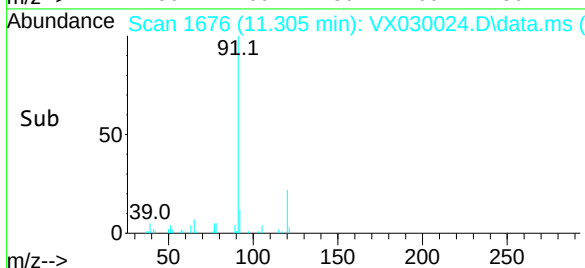
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

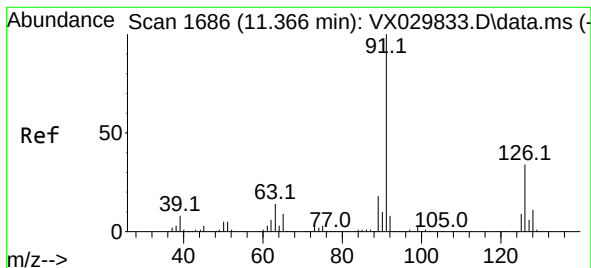


#78
n-propylbenzene
Concen: 0.872 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX030024.D
Acq: 12 Jul 2022 17:04



Tgt Ion: 91 Resp: 9407
Ion Ratio Lower Upper
91 100
120 23.6 11.6 34.8





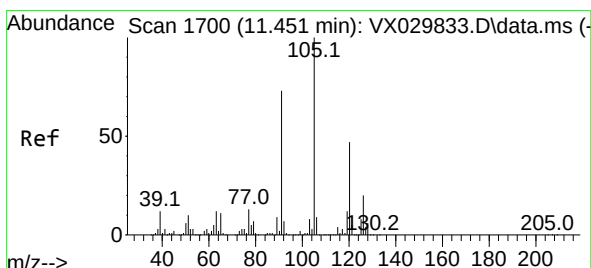
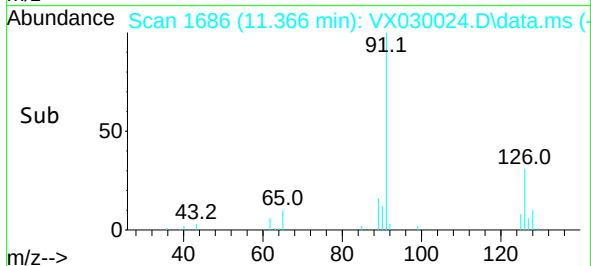
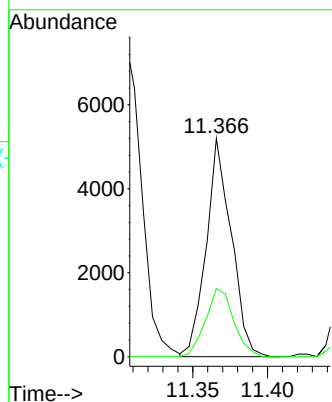
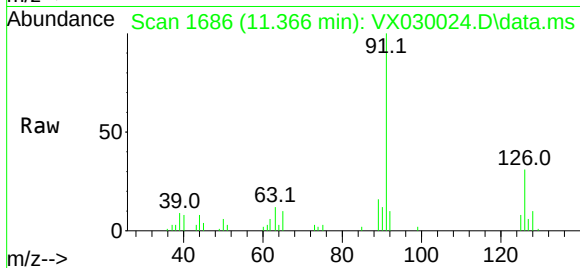
#79
2-Chlorotoluene
Concen: 0.940 ug/l
RT: 11.366 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VX030024.D
Acq: 12 Jul 2022 17:04

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2022

Tgt Ion: 91 Resp: 6074
Ion Ratio Lower Upper
91 100
126 35.0 17.4 52.3

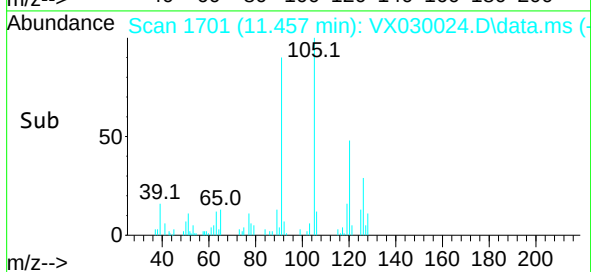
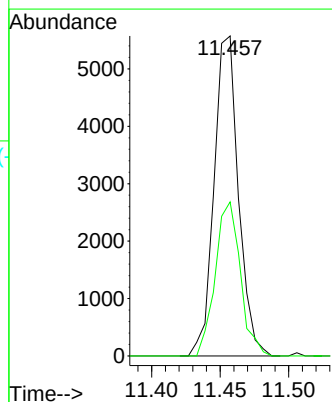
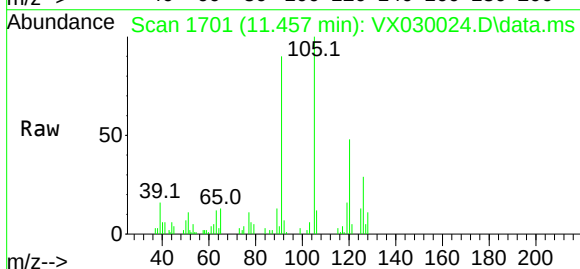
Manual Integrations
APPROVED

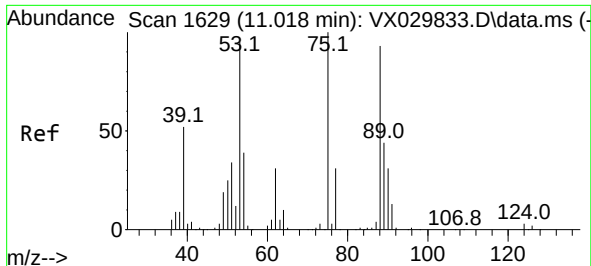
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#80
1,3,5-Trimethylbenzene
Concen: 0.900 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX030024.D
Acq: 12 Jul 2022 17:04

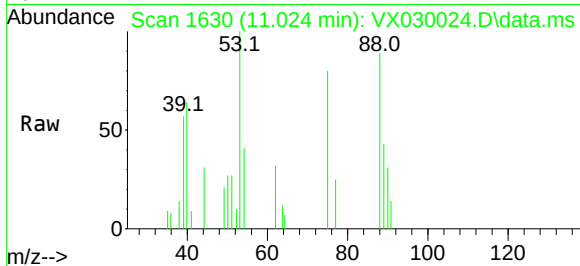
Tgt Ion:105 Resp: 6896
Ion Ratio Lower Upper
105 100
120 49.4 24.4 73.2





#81
trans-1,4-Dichloro-2-butene
Concen: 0.771 ug/l m
RT: 11.024 min Scan# 1629
Delta R.T. 0.006 min
Lab File: VX030024.D
Acq: 12 Jul 2022 17:04

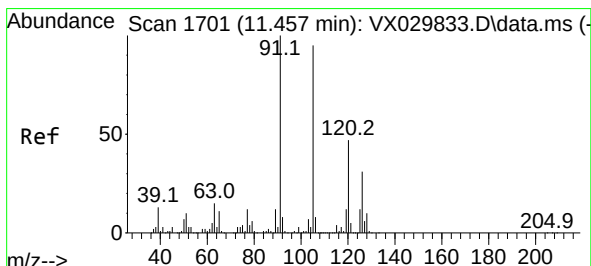
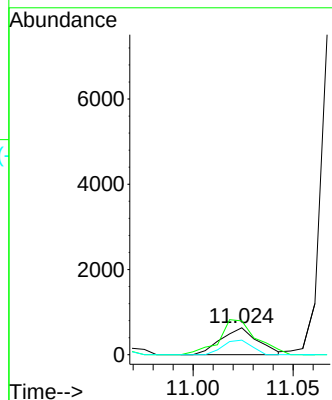
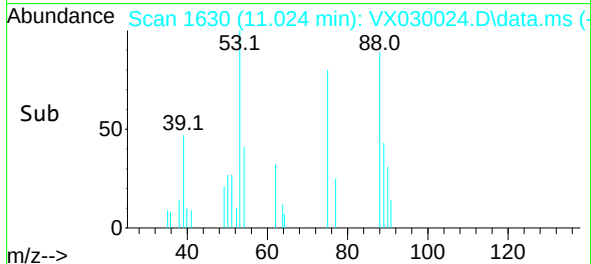
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion: 75 Resp: 802
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4
89 0.0 34.8 52.2

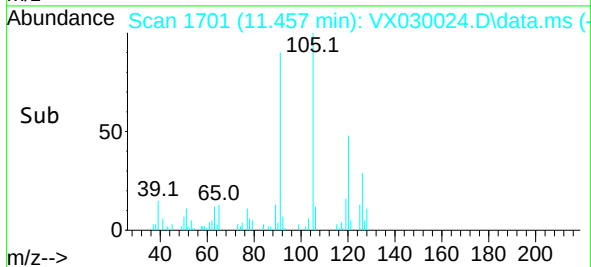
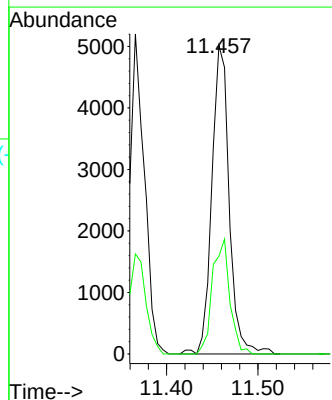
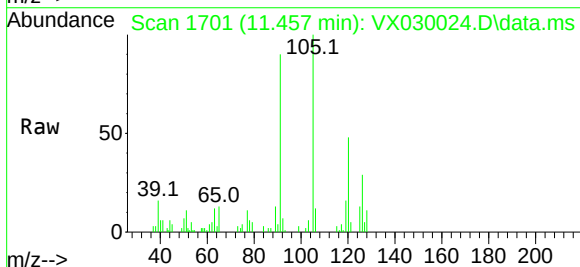
Manual Integrations
APPROVED

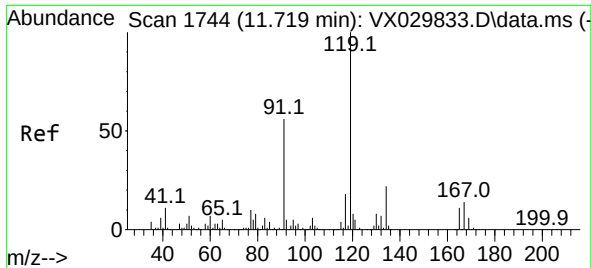
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#82
4-Chlorotoluene
Concen: 0.914 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX030024.D
Acq: 12 Jul 2022 17:04

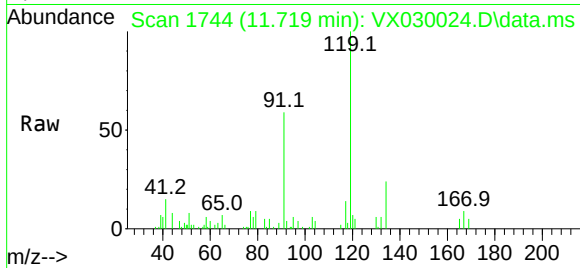
Tgt Ion: 91 Resp: 6616
Ion Ratio Lower Upper
91 100
126 37.2 15.3 45.9





#83
tert-Butylbenzene
Concen: 0.914 ug/l
RT: 11.719 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VX030024.D
Acq: 12 Jul 2022 17:04

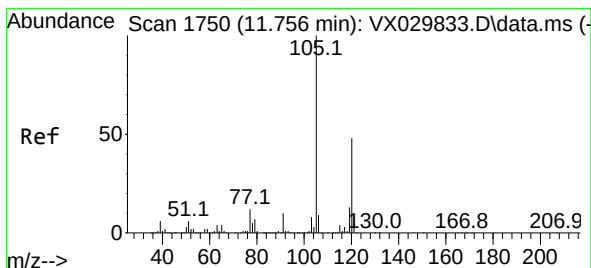
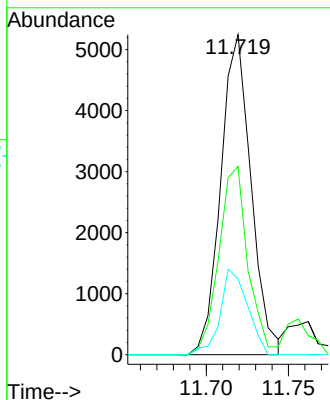
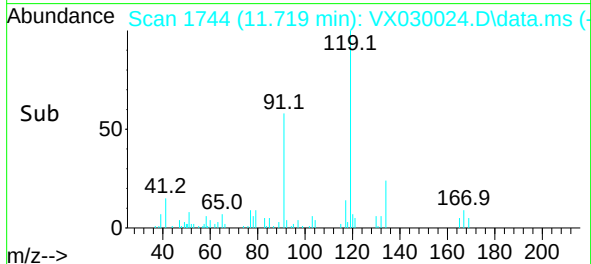
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2022



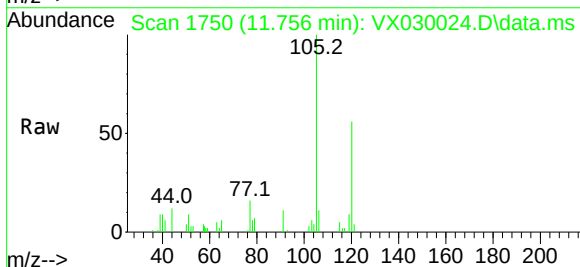
Tgt Ion:119 Resp: 671
Ion Ratio Lower Upper
119 100
91 56.8 28.3 84.9
134 24.2 11.2 33.5

Manual Integrations
APPROVED

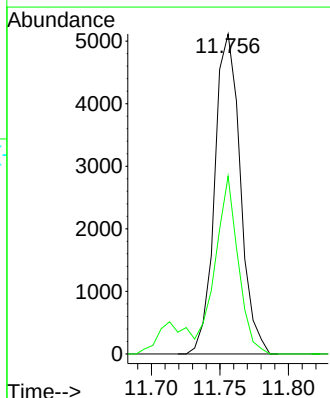
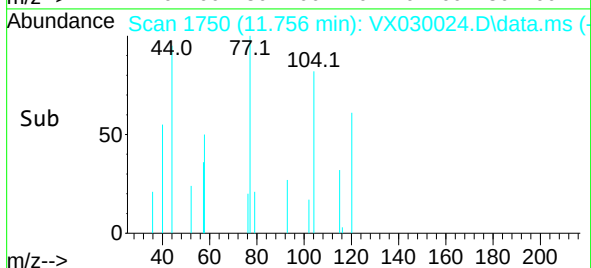
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

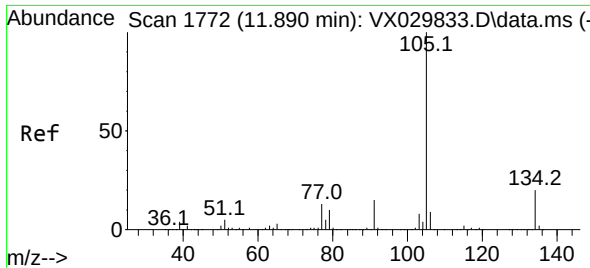


#84
1,2,4-Trimethylbenzene
Concen: 0.876 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX030024.D
Acq: 12 Jul 2022 17:04



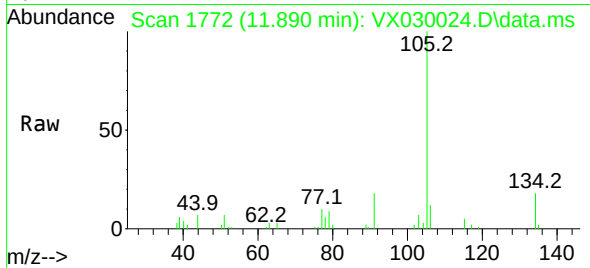
Tgt Ion:105 Resp: 6640
Ion Ratio Lower Upper
105 100
120 49.7 22.9 68.8





#85
 sec-Butylbenzene
 Concen: 0.853 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX030024.D
 Acq: 12 Jul 2022 17:04

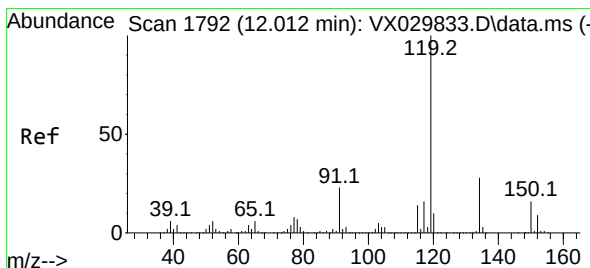
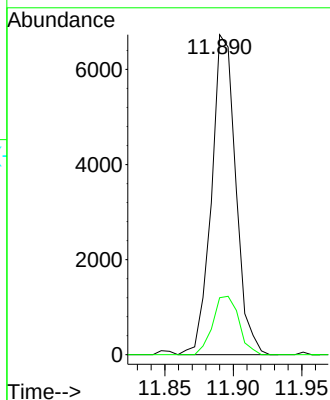
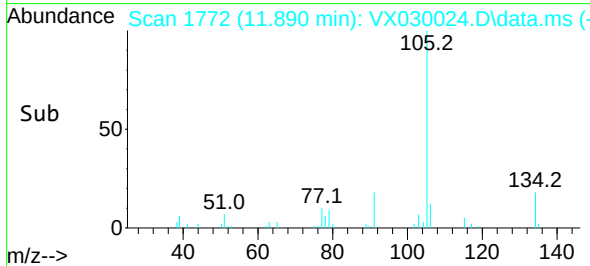
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT2-2022



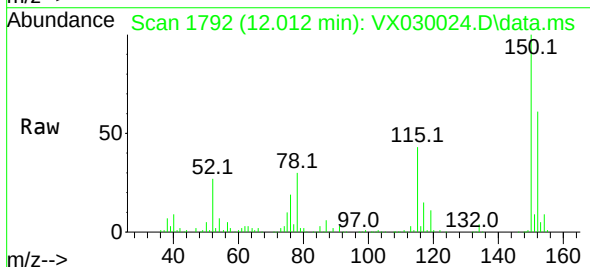
Tgt Ion:105 Resp: 828
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.0 30.0

Manual Integrations
 APPROVED

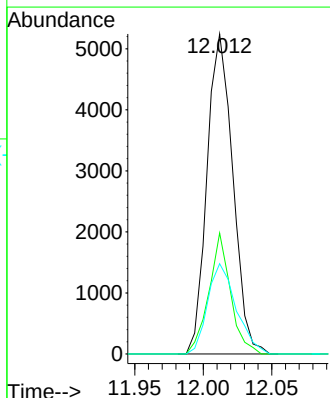
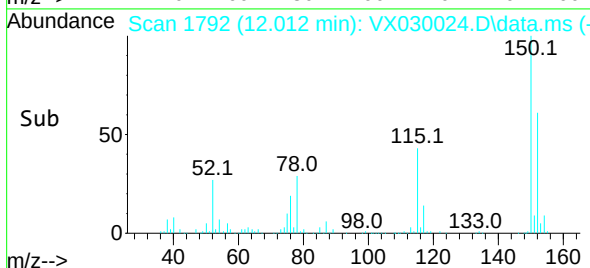
Reviewed By :John Carlone 07/13/2022
 Supervised By :Mahesh Dadoda 07/13/2022

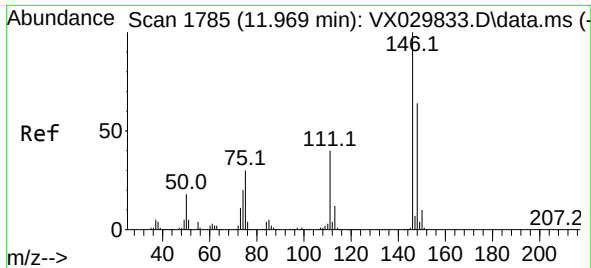


#86
 p-Isopropyltoluene
 Concen: 0.880 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX030024.D
 Acq: 12 Jul 2022 17:04



Tgt Ion:119 Resp: 6859
 Ion Ratio Lower Upper
 119 100
 134 31.7 13.9 41.6
 91 31.2 11.8 35.3





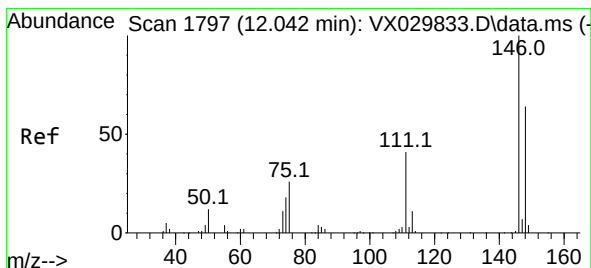
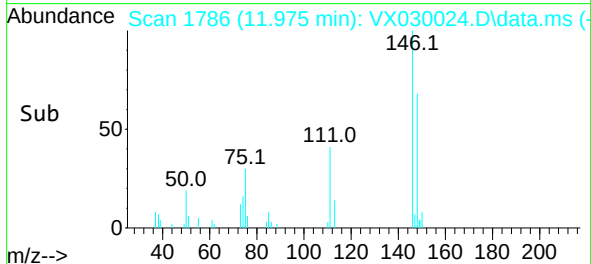
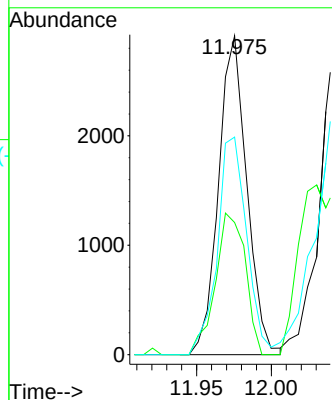
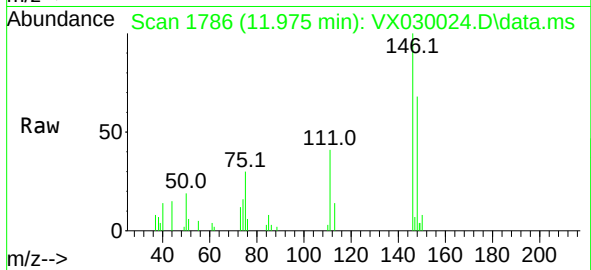
#87
1,3-Dichlorobenzene
Concen: 0.913 ug/l
RT: 11.975 min Scan# 1785
Delta R.T. 0.006 min
Lab File: VX030024.D
Acq: 12 Jul 2022 17:04

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2022

Tgt Ion:146 Resp: 3838
Ion Ratio Lower Upper
146 100
111 47.0 20.3 60.8
148 70.8 31.8 95.3

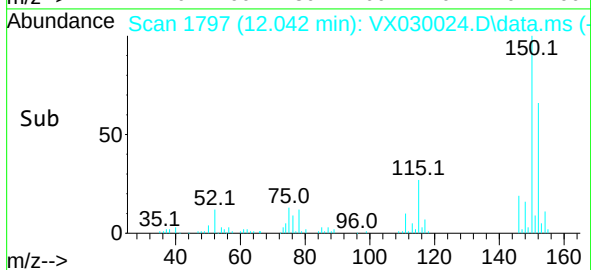
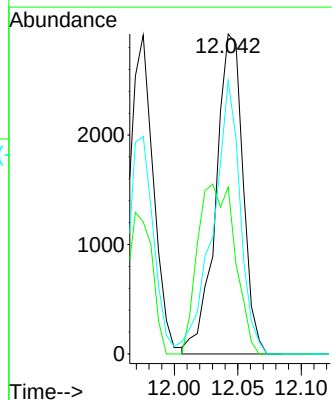
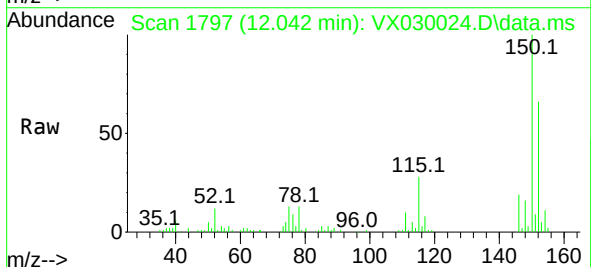
Manual Integrations
APPROVED

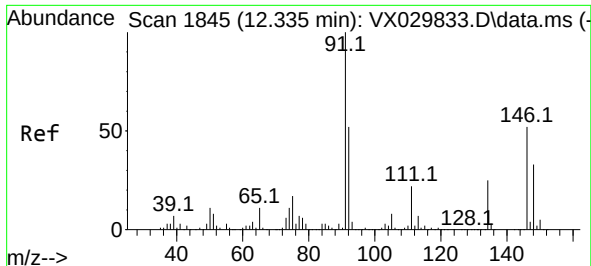
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#88
1,4-Dichlorobenzene
Concen: 1.008 ug/l m
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX030024.D
Acq: 12 Jul 2022 17:04

Tgt Ion:146 Resp: 4347
Ion Ratio Lower Upper
146 100
111 41.5 20.3 60.9
148 62.5 32.3 96.8





#89

n-Butylbenzene

Concen: 0.808 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX030024.D

Acq: 12 Jul 2022 17:04

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2022

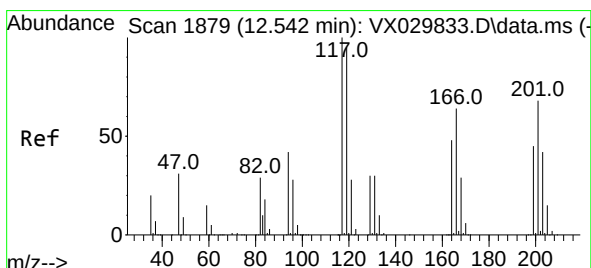
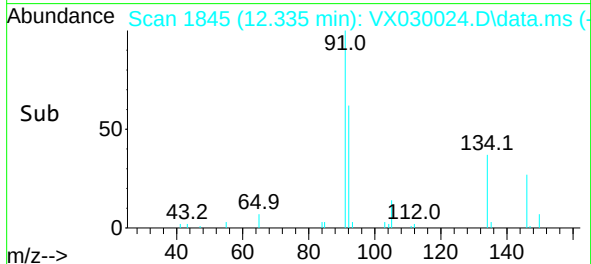
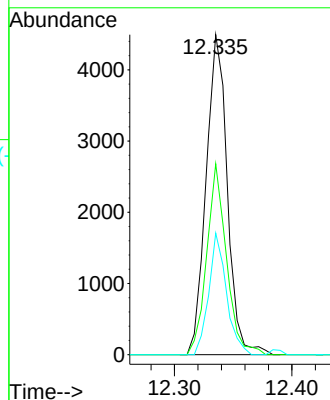
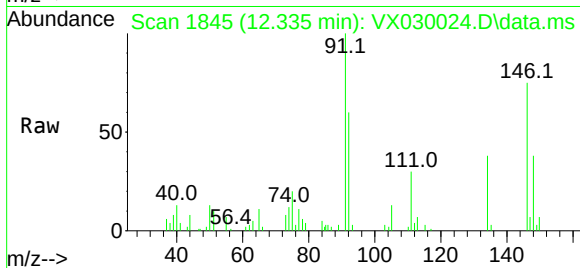
Tgt Ion: 91	Resp: 563
Ion Ratio	Lower Upper
91	100
92	55.5 26.2 78.5
134	31.7 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#90

Hexachloroethane

Concen: 0.824 ug/l

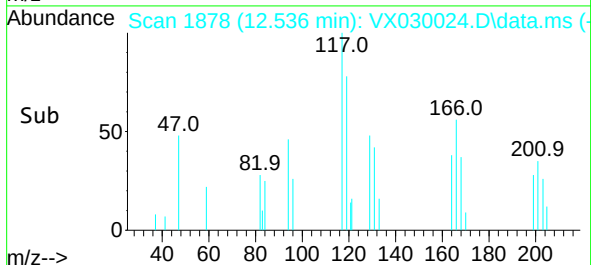
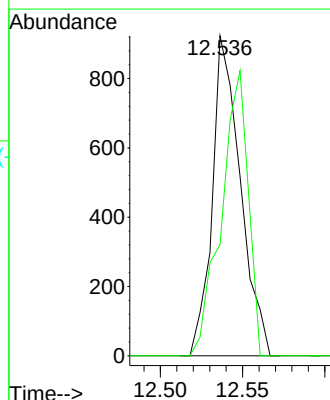
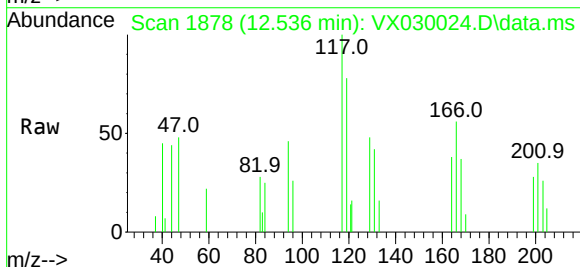
RT: 12.536 min Scan# 1878

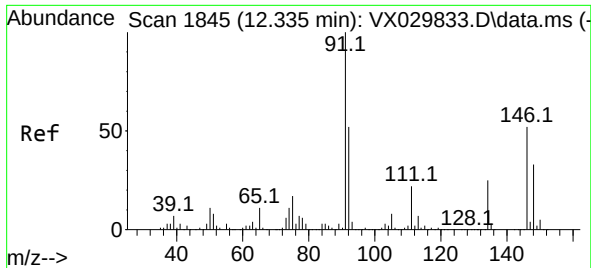
Delta R.T. -0.006 min

Lab File: VX030024.D

Acq: 12 Jul 2022 17:04

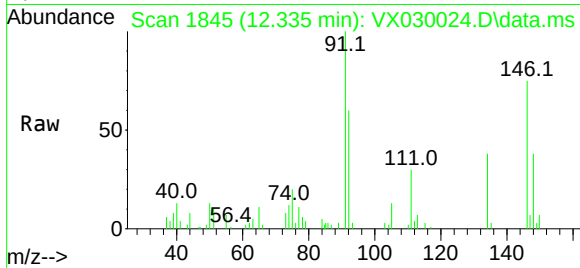
Tgt Ion: 117	Resp: 1097
Ion Ratio	Lower Upper
117	100
201	85.1 34.2 102.5





#91
1,2-Dichlorobenzene
Concen: 0.973 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX030024.D
Acq: 12 Jul 2022 17:04

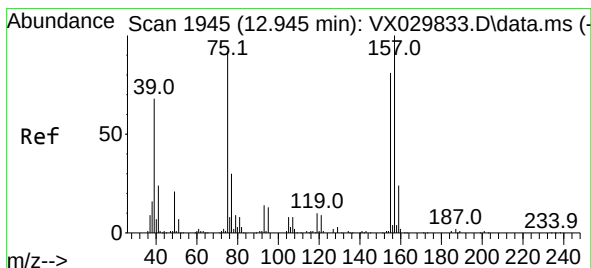
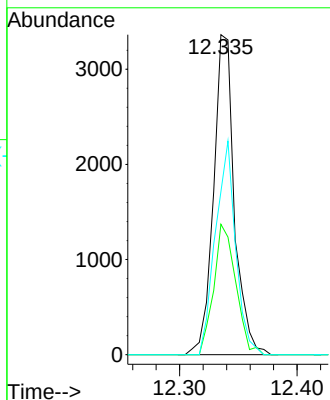
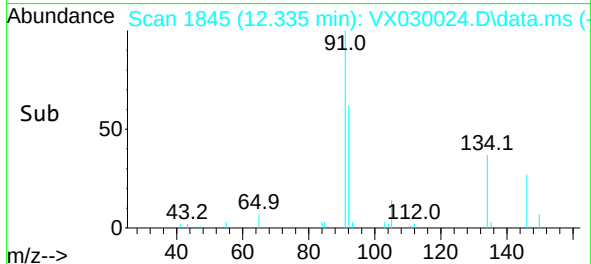
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2022



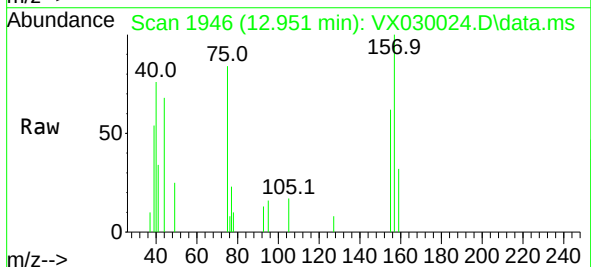
Tgt Ion:146 Resp: 415
Ion Ratio Lower Upper
146 100
111 43.0 20.7 62.1
148 64.5 32.0 96.2

Manual Integrations
APPROVED

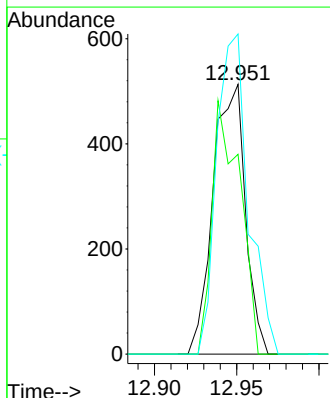
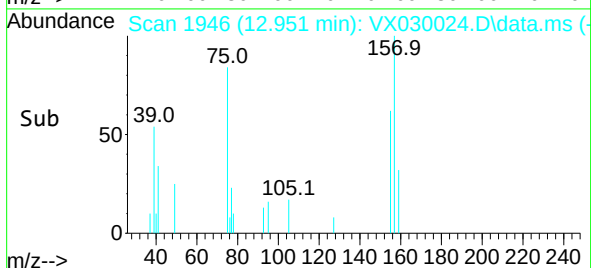
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

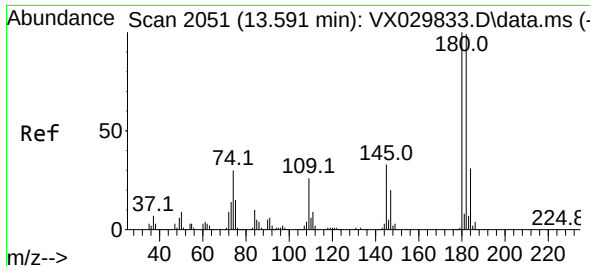


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.933 ug/l
RT: 12.951 min Scan# 1946
Delta R.T. 0.006 min
Lab File: VX030024.D
Acq: 12 Jul 2022 17:04



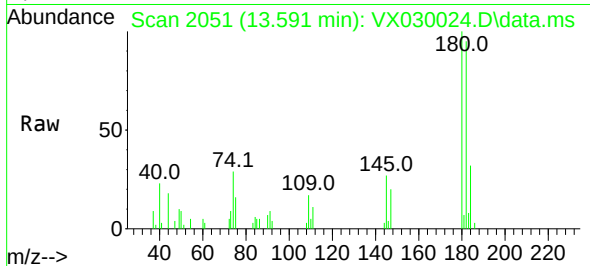
Tgt Ion: 75 Resp: 699
Ion Ratio Lower Upper
75 100
155 81.7 45.0 134.8
157 117.0 56.9 170.7





#93
1,2,4-Trichlorobenzene
Concen: 1.058 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX030024.D
Acq: 12 Jul 2022 17:04

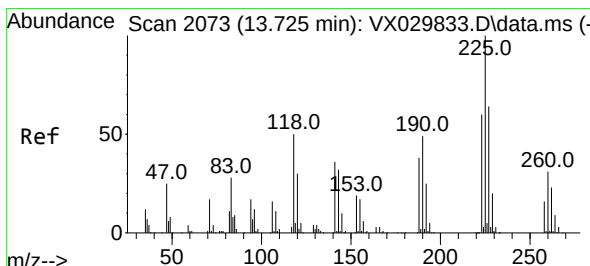
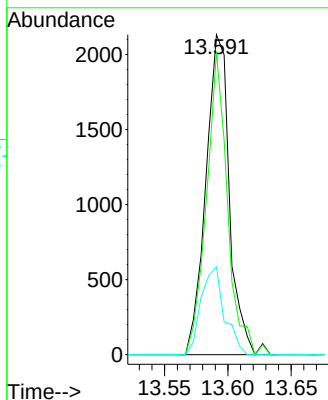
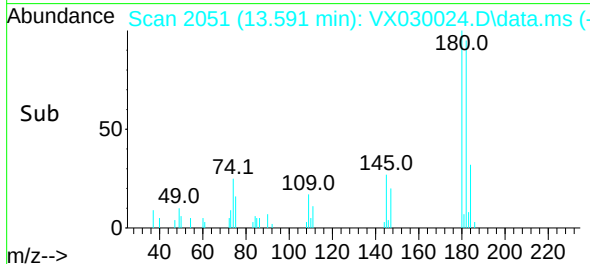
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2022



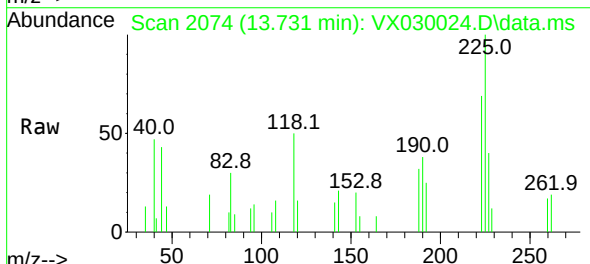
Tgt Ion:180 Resp: 2775
Ion Ratio Lower Upper
180 100
182 84.3 48.2 144.6
145 27.1 15.9 47.6

Manual Integrations
APPROVED

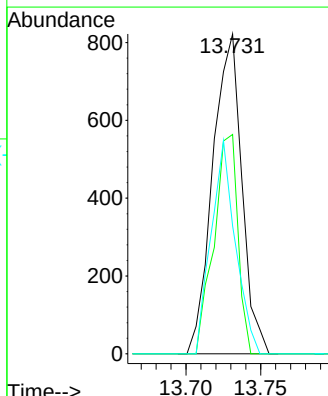
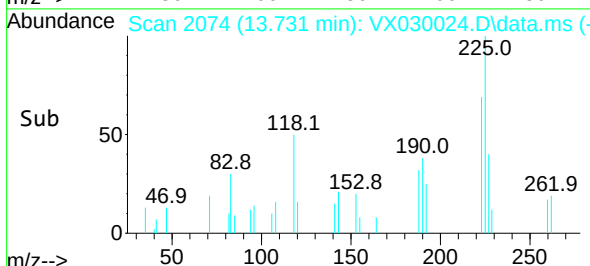
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

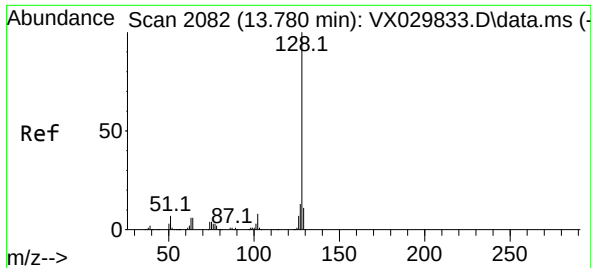


#94
Hexachlorobutadiene
Concen: 1.061 ug/l
RT: 13.731 min Scan# 2074
Delta R.T. 0.006 min
Lab File: VX030024.D
Acq: 12 Jul 2022 17:04



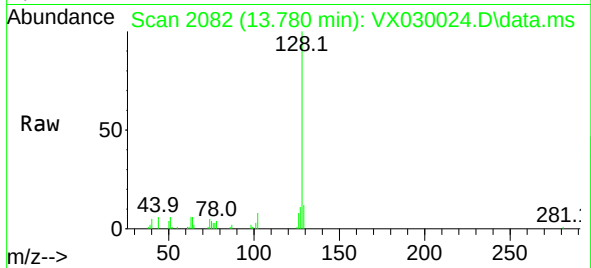
Tgt Ion:225 Resp: 1111
Ion Ratio Lower Upper
225 100
223 56.3 30.6 91.6
227 55.5 31.9 95.9





#95
Naphthalene
Concen: 0.976 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX030024.D
Acq: 12 Jul 2022 17:04

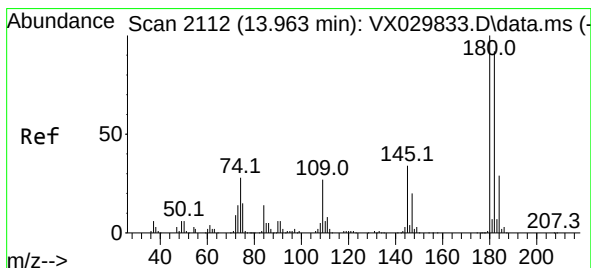
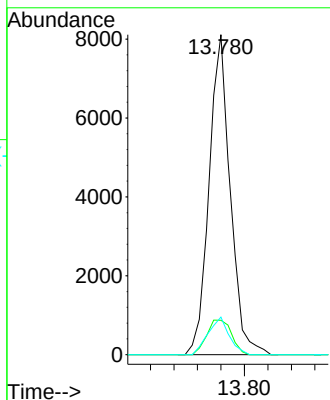
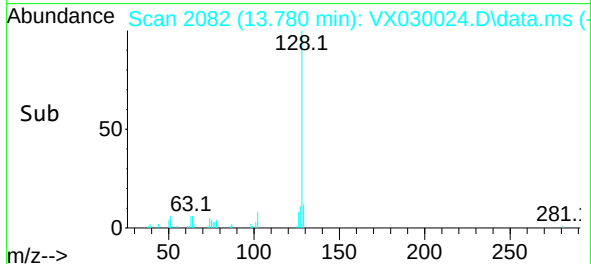
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2022



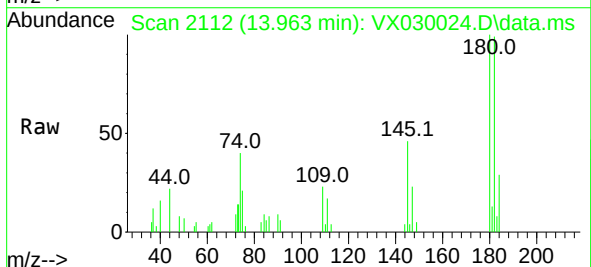
Tgt Ion:128 Resp: 10150
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 11.7 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#96
1,2,3-Trichlorobenzene
Concen: 0.952 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX030024.D
Acq: 12 Jul 2022 17:04



Tgt Ion:180 Resp: 2541
Ion Ratio Lower Upper
180 100
182 93.8 47.0 141.0
145 38.5 17.0 50.9

