

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071222\
 Data File : VX030025.D
 Acq On : 12 Jul 2022 17:28
 Operator : JC/MD
 Sample : N3214-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Jul 13 09:26:22 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	185992	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	327400	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	284073	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	130510	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	111180	49.111	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.220%		
35) Dibromofluoromethane	5.397	113	99434	47.541	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.080%		
50) Toluene-d8	8.653	98	382933	48.681	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.360%		
62) 4-Bromofluorobenzene	11.085	95	130509	47.809	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.620%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	7938	4.023	ug/l	97
3) Chloromethane	1.288	50	7460	3.849	ug/l	95
4) Vinyl Chloride	1.373	62	8886	4.128	ug/l	92
5) Bromomethane	1.605	94	3742	4.092	ug/l	95
6) Chloroethane	1.678	64	5491	4.530	ug/l #	88
7) Trichlorofluoromethane	1.885	101	14042	5.051	ug/l	98
8) Diethyl Ether	2.135	74	5470	4.756	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.330	101	9090	4.789	ug/l	94
10) Methyl Iodide	2.452	142	4250	2.724	ug/l #	89
11) Tert butyl alcohol	2.989	59	19221	32.897	ug/l	96
12) 1,1-Dichloroethene	2.318	96	8368	4.416	ug/l	95
13) Acrolein	2.239	56	3628	31.177	ug/l	97
14) Allyl chloride	2.666	41	15785	4.767	ug/l	98
15) Acrylonitrile	3.068	53	36105	27.190	ug/l	99
16) Acetone	2.385	43	29376	27.538	ug/l	95
17) Carbon Disulfide	2.507	76	16164	3.391	ug/l	97
18) Methyl Acetate	2.708	43	18419	5.676	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	31336	5.231	ug/l	98
20) Methylene Chloride	2.794	84	12065	4.889	ug/l	89
21) trans-1,2-Dichloroethene	3.093	96	9410	4.764	ug/l	91
22) Diisopropyl ether	3.769	45	33880	5.227	ug/l	90
23) Vinyl Acetate	3.727	43	135194	24.637	ug/l	99
24) 1,1-Dichloroethane	3.617	63	18777	5.228	ug/l	94
25) 2-Butanone	4.568	43	49526	27.255	ug/l	91
26) 2,2-Dichloropropane	4.483	77	11422	4.527	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	12404	5.128	ug/l	92
28) Bromochloromethane	4.903	49	8087	5.352	ug/l	97
29) Tetrahydrofuran	5.019	42	33021	26.777	ug/l	99
30) Chloroform	5.098	83	18264	5.102	ug/l	95
31) Cyclohexane	5.476	56	14479	4.412	ug/l #	89
32) 1,1,1-Trichloroethane	5.385	97	14832	5.070	ug/l	99
36) 1,1-Dichloropropene	5.696	75	12956	4.796	ug/l	98
37) Ethyl Acetate	4.726	43	17770	5.119	ug/l #	95
38) Carbon Tetrachloride	5.684	117	12341	4.898	ug/l	90
39) Methylcyclohexane	7.384	83	15260	4.456	ug/l	99
40) Benzene	6.043	78	42516	5.000	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.940	41	9545	5.106	ug/l	94
42) 1,2-Dichloroethane	6.098	62	13333	5.059	ug/l	97
43) Isopropyl Acetate	6.354	43	28398	5.440	ug/l	99
44) Trichloroethene	7.128	130	11999	4.829	ug/l	92
45) 1,2-Dichloropropane	7.439	63	11460	5.185	ug/l	95
46) Dibromomethane	7.586	93	7655	5.032	ug/l	100
47) Bromodichloromethane	7.823	83	14213	5.149	ug/l	95
48) Methyl methacrylate	7.695	41	12058	5.006	ug/l	94
49) 1,4-Dioxane	7.677	88	6600	105.468	ug/l	96
51) 4-Methyl-2-Pentanone	8.579	43	93187	26.977	ug/l	99
52) Toluene	8.726	92	26047	4.824	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	13034	4.546	ug/l	92
54) cis-1,3-Dichloropropene	8.372	75	15300	4.658	ug/l	92
55) 1,1,2-Trichloroethane	9.159	97	11835	5.315	ug/l	96
56) Ethyl methacrylate	9.122	69	17005	5.079	ug/l	98
57) 1,3-Dichloropropane	9.311	76	18228	5.153	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	45621	25.096	ug/l	100
59) 2-Hexanone	9.433	43	70220	26.508	ug/l	99
60) Dibromochloromethane	9.524	129	11388	5.250	ug/l	96
61) 1,2-Dibromoethane	9.616	107	11178	4.823	ug/l	100
64) Tetrachloroethene	9.274	164	11225	4.922	ug/l	95
65) Chlorobenzene	10.085	112	28407	5.022	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.164	131	9857	5.111	ug/l	98
67) Ethyl Benzene	10.195	91	49899	5.205	ug/l	97
68) m/p-Xylenes	10.305	106	37491	9.970	ug/l	99
69) o-Xylene	10.646	106	18877	5.014	ug/l	99
70) Styrene	10.658	104	31394	5.024	ug/l	98
71) Bromoform	10.805	173	7503	4.843	ug/l #	98
73) Isopropylbenzene	10.963	105	48027	5.285	ug/l	96
74) N-amyl acetate	10.847	43	19439	4.870	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	18347	5.596	ug/l	97
76) 1,2,3-Trichloropropane	11.244	75	16225m	5.407	ug/l	
77) Bromobenzene	11.201	156	12058	5.303	ug/l	96
78) n-propylbenzene	11.305	91	55733	5.170	ug/l	99
79) 2-Chlorotoluene	11.365	91	33698	5.219	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	39572	5.168	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.024	75	4368	4.201	ug/l #	85
82) 4-Chlorotoluene	11.457	91	39050	5.397	ug/l	99
83) tert-Butylbenzene	11.719	119	38278	5.213	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	39015	5.151	ug/l	99
85) sec-Butylbenzene	11.890	105	49542	5.103	ug/l	99
86) p-Isopropyltoluene	12.012	119	39898	5.123	ug/l	99
87) 1,3-Dichlorobenzene	11.975	146	22361	5.323	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	23136	5.367	ug/l	97
89) n-Butylbenzene	12.335	91	35465	5.082	ug/l	99
90) Hexachloroethane	12.542	117	6642	4.989	ug/l	96
91) 1,2-Dichlorobenzene	12.341	146	22218	5.206	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.944	75	3952	5.279	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	13267	5.061	ug/l	97
94) Hexachlorobutadiene	13.725	225	5027	4.803	ug/l	96
95) Naphthalene	13.780	128	54137	5.203	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	14205	5.325	ug/l	97

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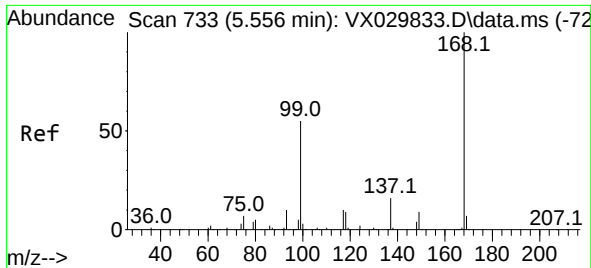
Manual Integrations
APPROVED

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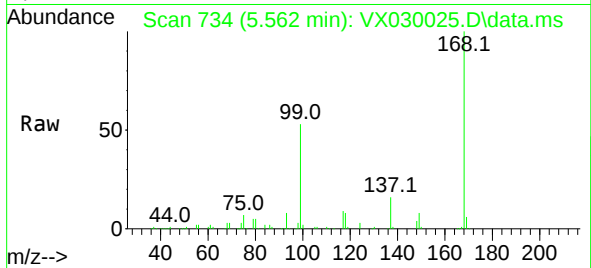
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



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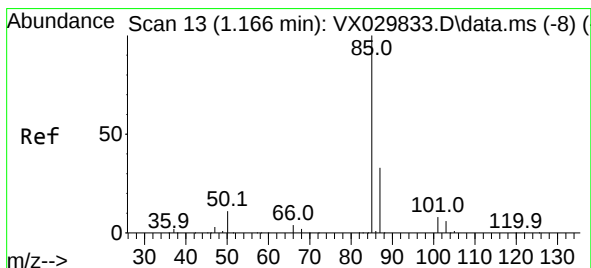
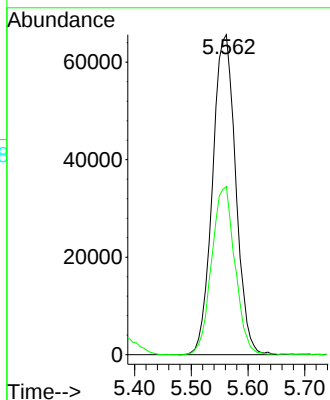
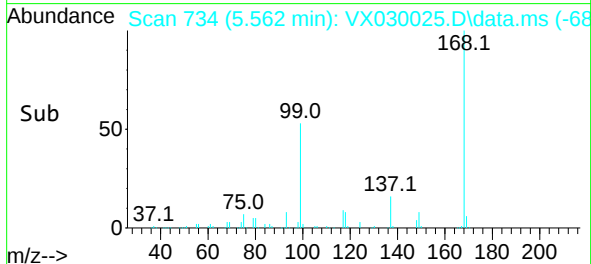
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion:168 Resp: 18599
Ion Ratio Lower Upper
168 100
99 52.5 44.0 66.0

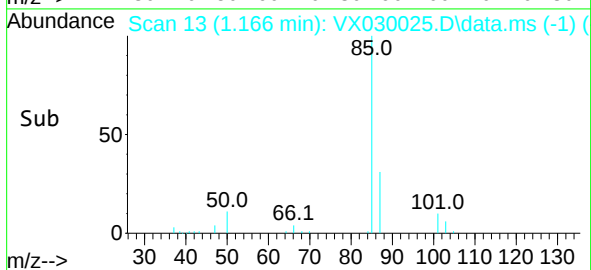
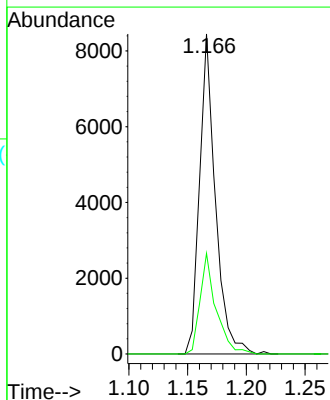
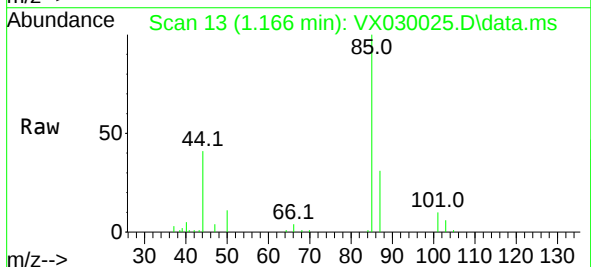
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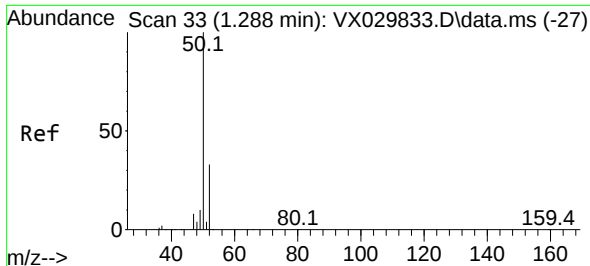
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#2
Dichlorodifluoromethane
Concen: 4.023 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX030025.D
Acq: 12 Jul 2022 17:28

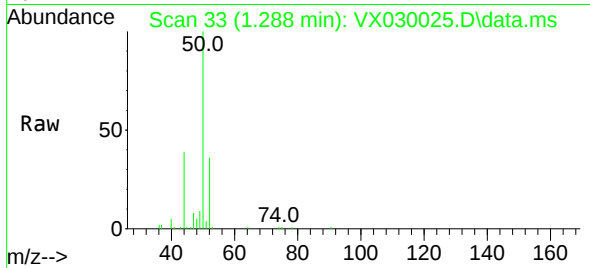
Tgt Ion: 85 Resp: 7938
Ion Ratio Lower Upper
85 100
87 31.4 16.5 49.5





#3
Chloromethane
Concen: 3.849 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX030025.D
Acq: 12 Jul 2022 17:28

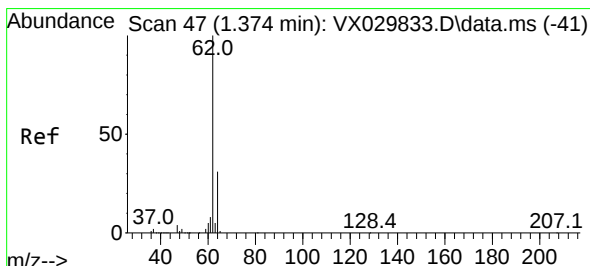
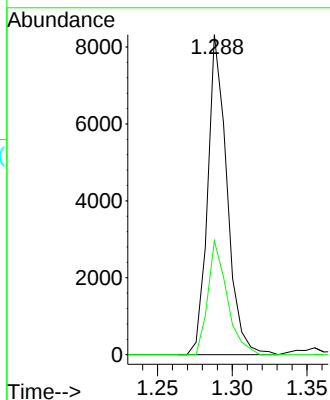
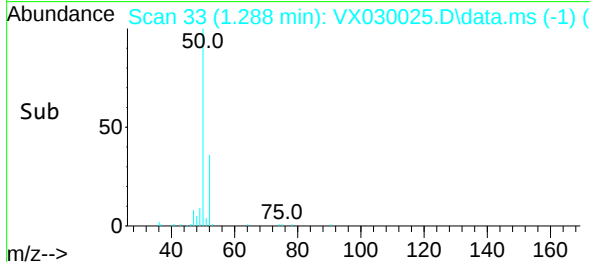
Instrument :
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Tgt Ion: 50 Resp: 7460
Ion Ratio Lower Upper
50 100
52 35.6 26.3 39.5

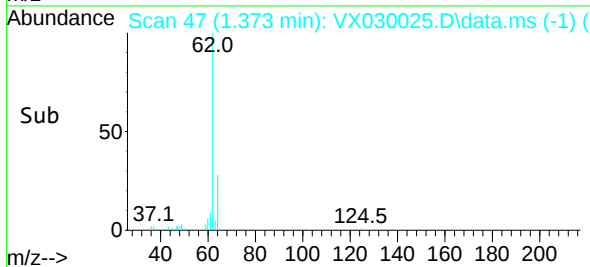
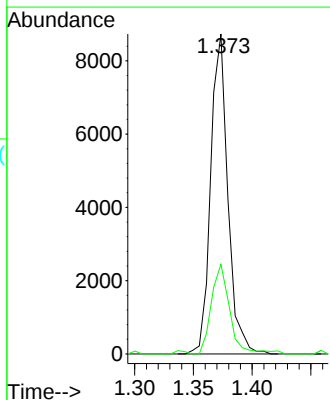
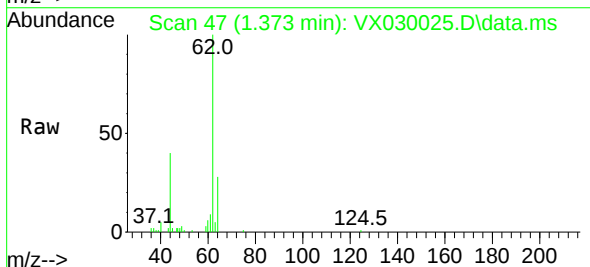
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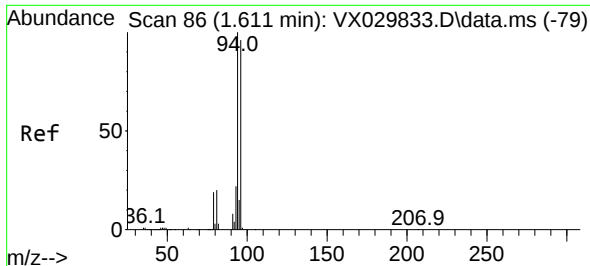
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#4
Vinyl Chloride
Concen: 4.128 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.001 min
Lab File: VX030025.D
Acq: 12 Jul 2022 17:28

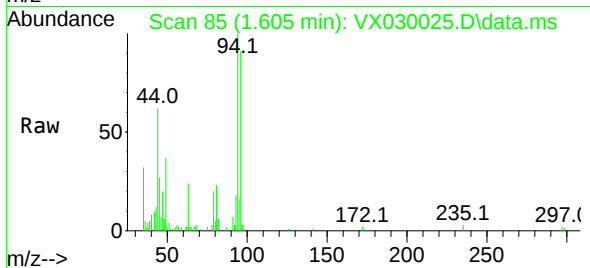
Tgt Ion: 62 Resp: 8886
Ion Ratio Lower Upper
62 100
64 27.1 25.2 37.8





#5
Bromomethane
Concen: 4.092 ug/l
RT: 1.605 min Scan# 86
Delta R.T. -0.006 min
Lab File: VX030025.D
Acq: 12 Jul 2022 17:28

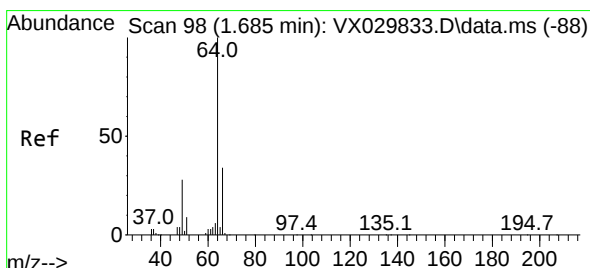
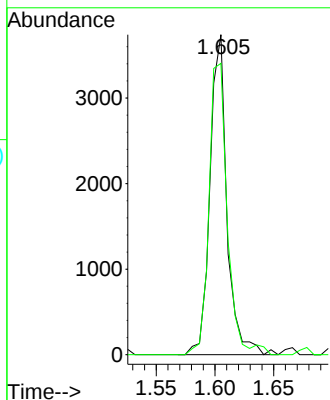
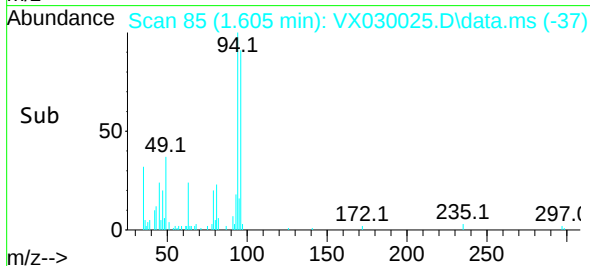
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Tgt Ion: 94 Resp: 3742
Ion Ratio Lower Upper
94 100
96 91.0 76.9 115.3

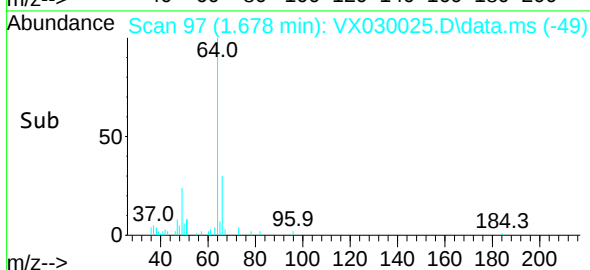
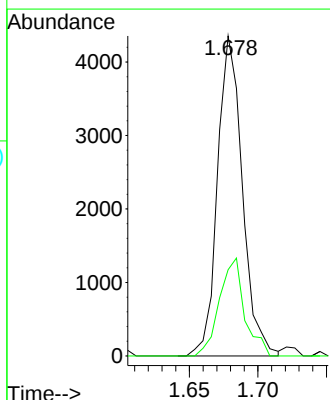
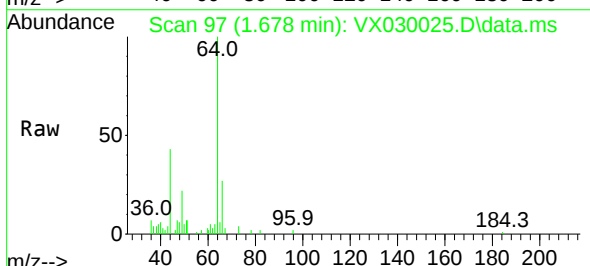
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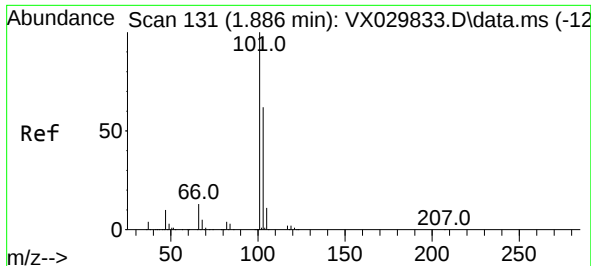
Reviewed By :John Carlone 07/13/2022
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#6
Chloroethane
Concen: 4.530 ug/l
RT: 1.678 min Scan# 97
Delta R.T. -0.007 min
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Acq: 12 Jul 2022 17:28

Tgt Ion: 64 Resp: 5491
Ion Ratio Lower Upper
64 100
66 27.0 27.2 40.8#





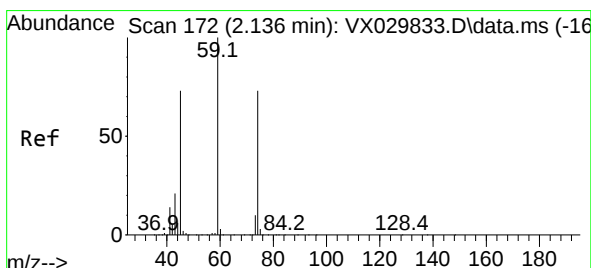
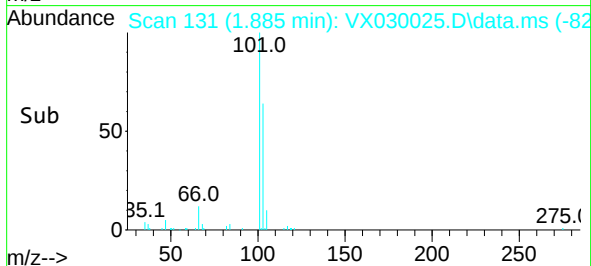
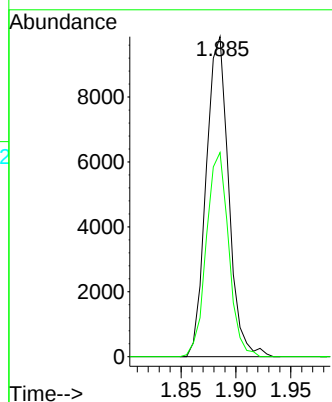
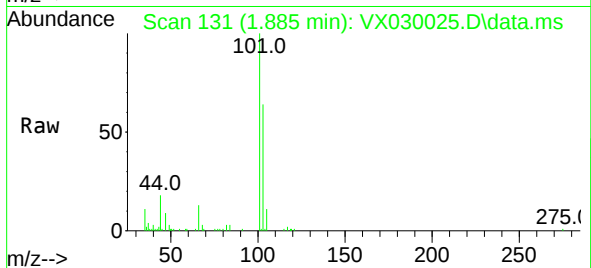
#7
 Trichlorofluoromethane
 Concen: 5.051 ug/l
 RT: 1.885 min Scan# 11
 Delta R.T. -0.001 min
 Lab File: VX030025.D
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Tgt Ion:101 Resp: 1404
 Ion Ratio Lower Upper
 101 100
 103 63.8 49.7 74.5

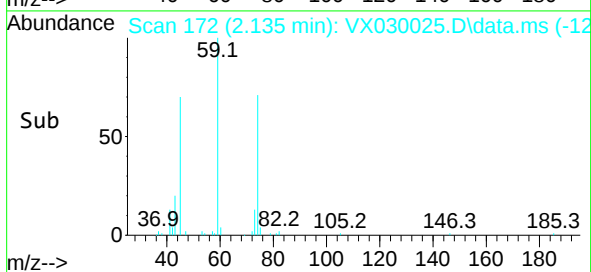
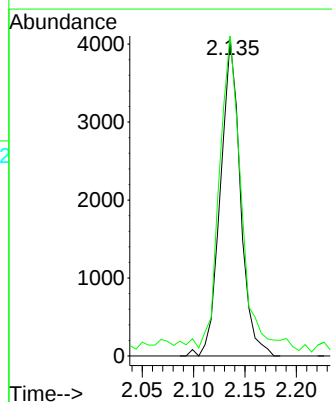
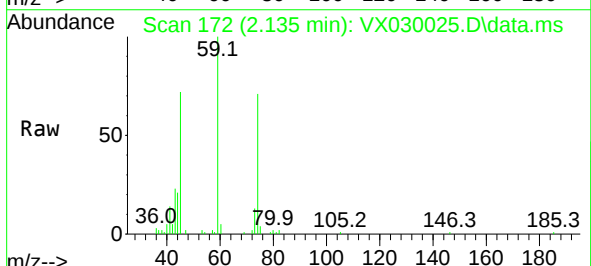
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#8
 Diethyl Ether
 Concen: 4.756 ug/l
 RT: 2.135 min Scan# 172
 Delta R.T. -0.001 min
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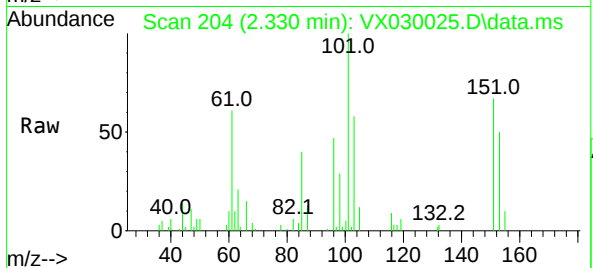
Tgt Ion: 74 Resp: 5470
 Ion Ratio Lower Upper
 74 100
 45 109.3 51.5 154.7





#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.789 ug/l
RT: 2.330 min Scan# 204
Delta R.T. -0.001 min
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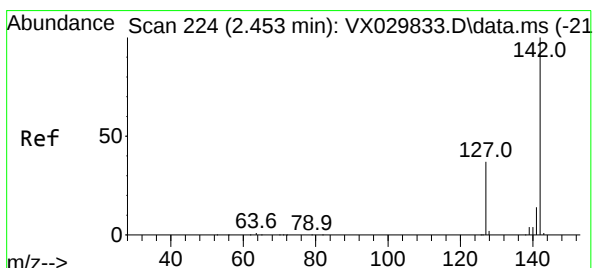
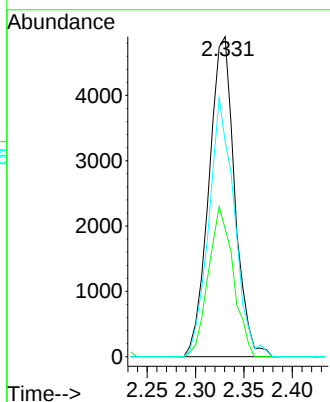
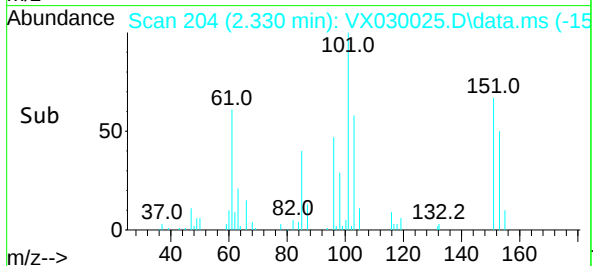
Instrument :
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ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion:101 Resp: 9090
Ion Ratio Lower Upper
101 100
85 45.2 34.0 51.0
151 79.8 59.4 89.0

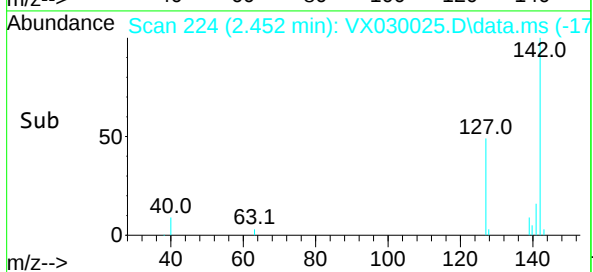
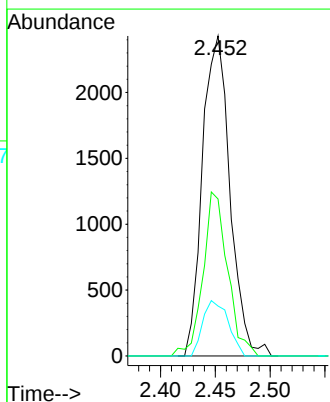
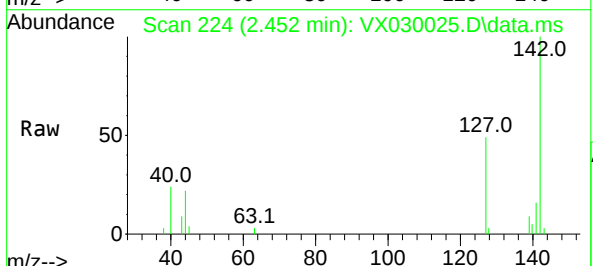
Manual Integrations
APPROVED

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



#10
Methyl Iodide
Concen: 2.724 ug/l
RT: 2.452 min Scan# 224
Delta R.T. -0.001 min
Lab File: VX030025.D
Acq: 12 Jul 2022 17:28

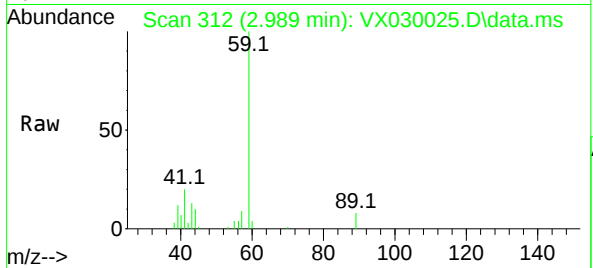
Tgt Ion:142 Resp: 4250
Ion Ratio Lower Upper
142 100
127 45.7 30.2 45.2#
141 16.0 11.3 16.9





#11
Tert butyl alcohol
Concen: 32.897 ug/l
RT: 2.989 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX030025.D
Acq: 12 Jul 2022 17:28

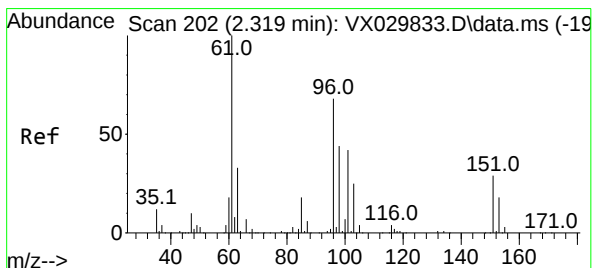
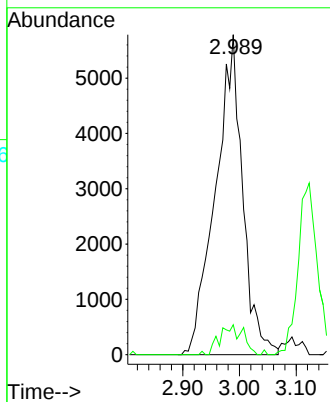
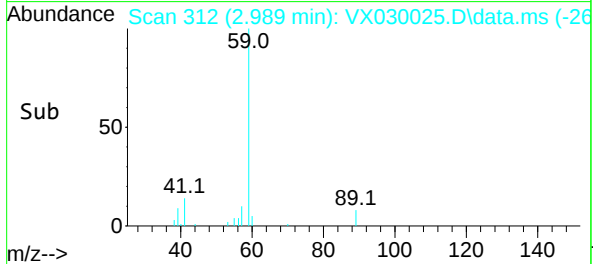
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion: 59 Resp: 1922
Ion Ratio Lower Upper
59 100
57 8.0 7.4 11.2

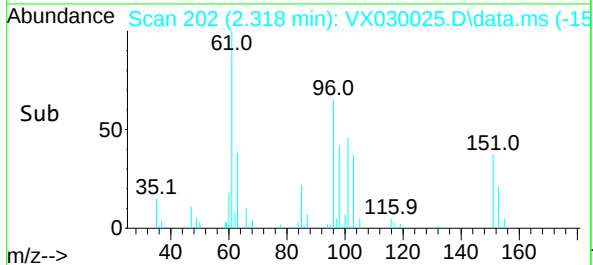
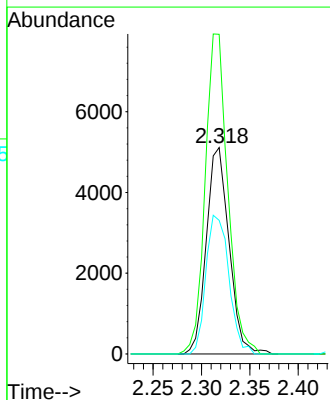
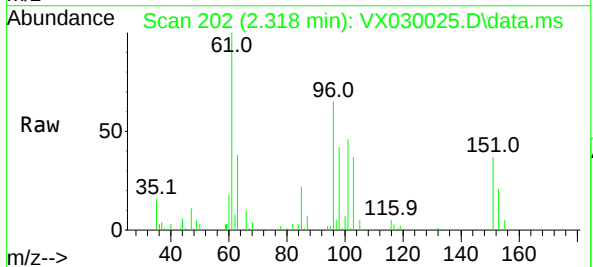
Manual Integrations
APPROVED

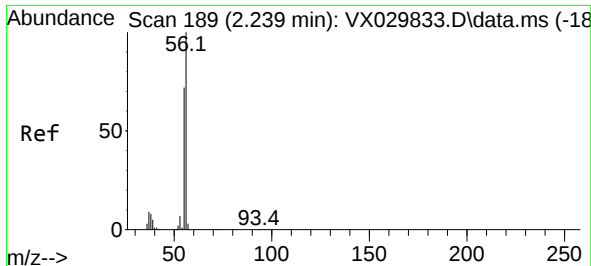
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#12
1,1-Dichloroethene
Concen: 4.416 ug/l
RT: 2.318 min Scan# 202
Delta R.T. -0.001 min
Lab File: VX030025.D
Acq: 12 Jul 2022 17:28

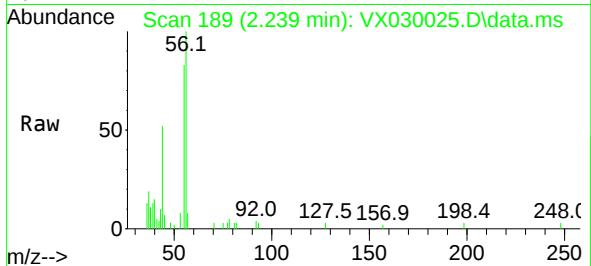
Tgt Ion: 96 Resp: 8368
Ion Ratio Lower Upper
96 100
61 154.9 117.4 176.0
98 64.7 52.2 78.4





#13
Acrolein
Concen: 31.177 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX030025.D
Acq: 12 Jul 2022 17:28

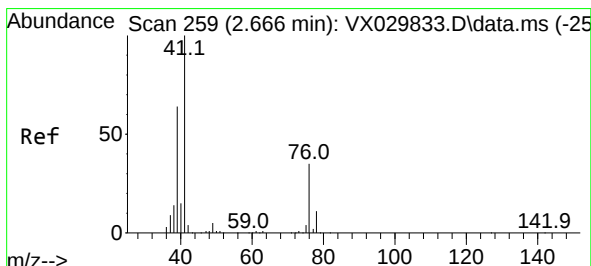
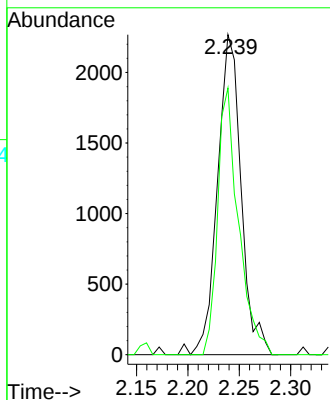
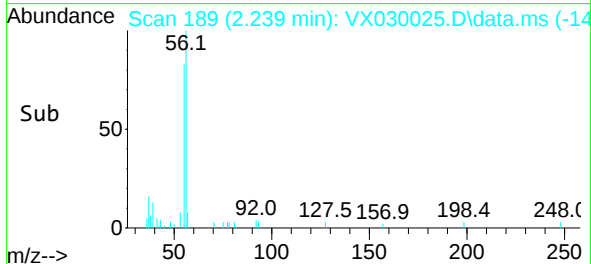
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2022



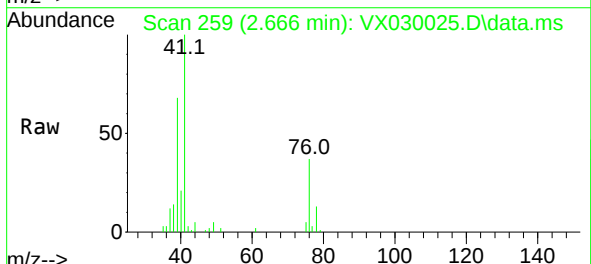
Tgt Ion: 56 Resp: 3628
Ion Ratio Lower Upper
56 100
55 73.5 56.6 84.8

Manual Integrations
APPROVED

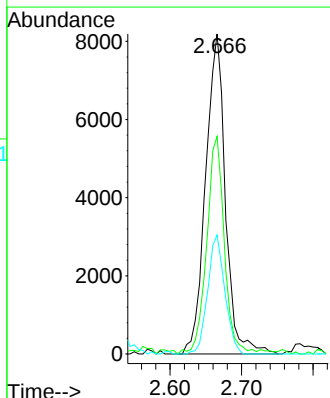
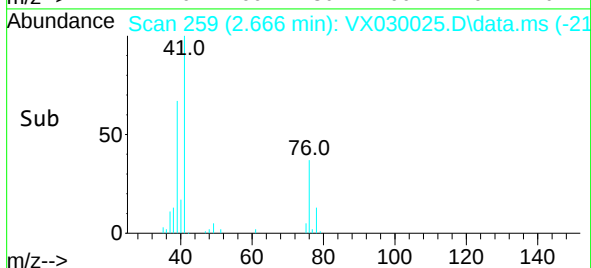
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#14
Allyl chloride
Concen: 4.767 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX030025.D
Acq: 12 Jul 2022 17:28



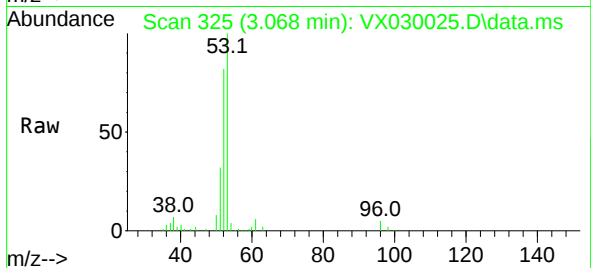
Tgt Ion: 41 Resp: 15785
Ion Ratio Lower Upper
41 100
39 60.3 48.9 73.3
76 32.2 26.9 40.3





#15
Acrylonitrile
Concen: 27.190 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX030025.D
Acq: 12 Jul 2022 17:28

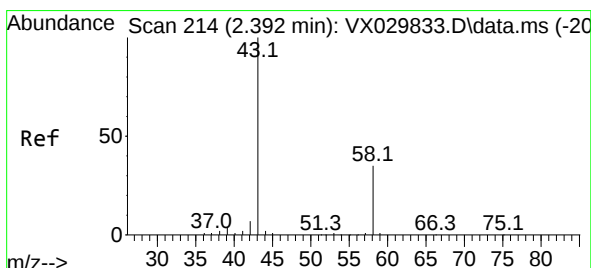
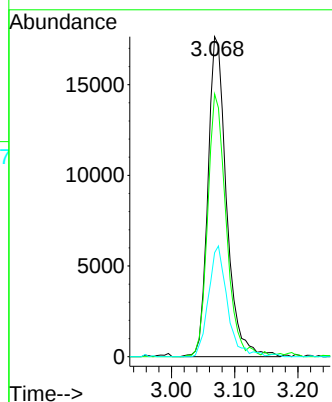
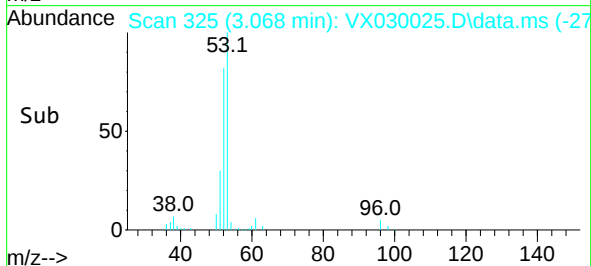
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2022



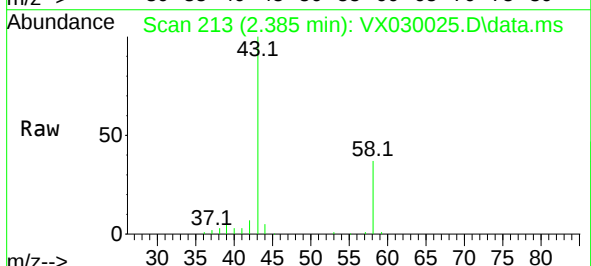
Tgt Ion: 53 Resp: 3610
Ion Ratio Lower Upper
53 100
52 81.3 65.4 98.0
51 35.2 27.7 41.5

Manual Integrations
APPROVED

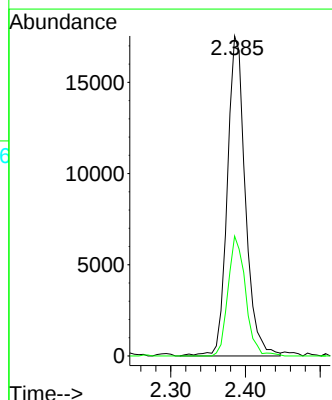
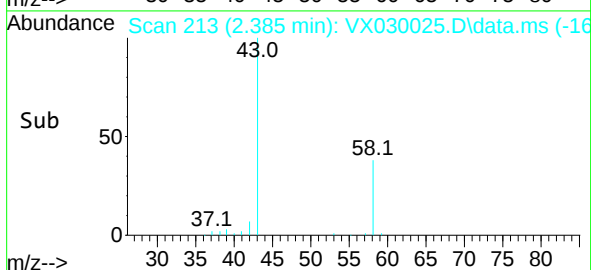
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

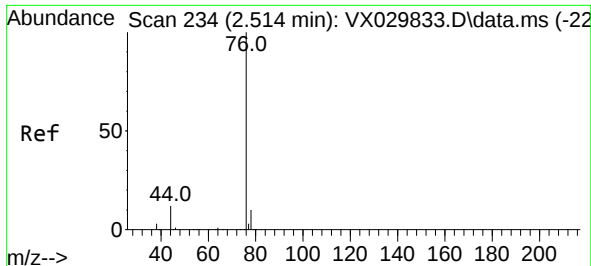


#16
Acetone
Concen: 27.538 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.007 min
Lab File: VX030025.D
Acq: 12 Jul 2022 17:28



Tgt Ion: 43 Resp: 29376
Ion Ratio Lower Upper
43 100
58 37.5 27.7 41.5





#17

Carbon Disulfide

Concen: 3.391 ug/l

RT: 2.507 min Scan# 21

Delta R.T. -0.007 min

Lab File: VX030025.D

Acq: 12 Jul 2022 17:28

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2022

Tgt Ion: 76 Resp: 1616

Ion Ratio Lower Upper

76 100

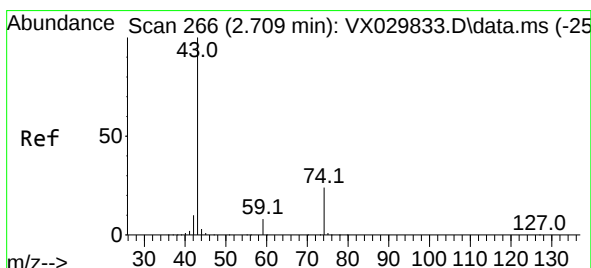
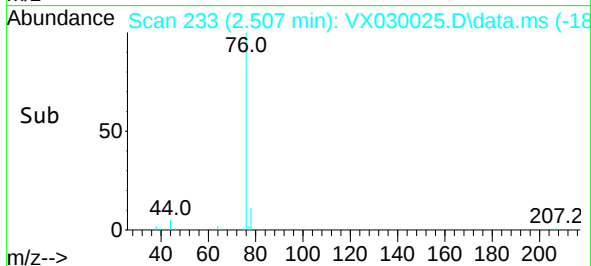
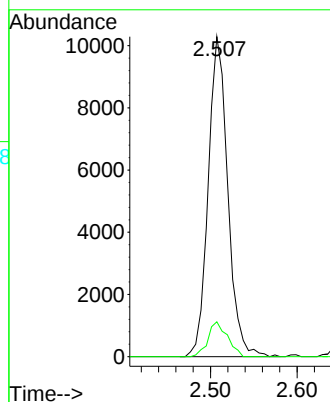
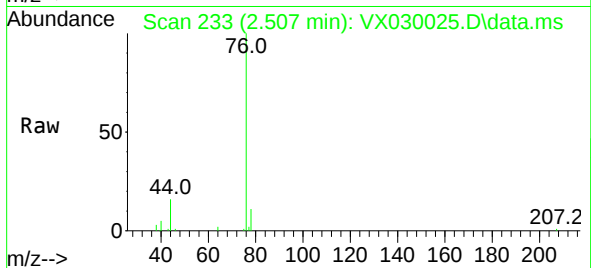
78 10.9 7.8 11.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#18

Methyl Acetate

Concen: 5.676 ug/l

RT: 2.708 min Scan# 266

Delta R.T. -0.001 min

Lab File: VX030025.D

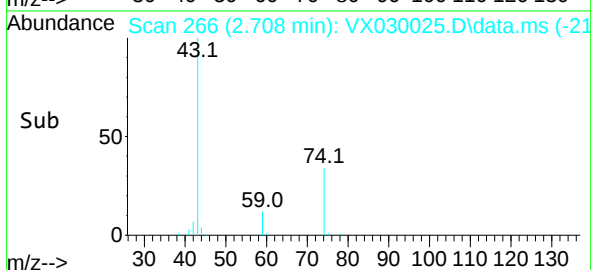
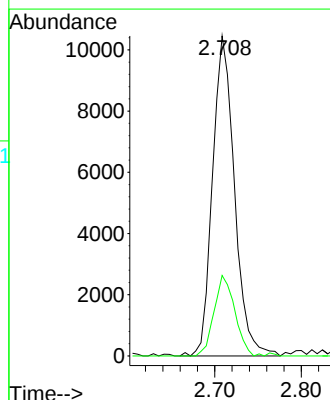
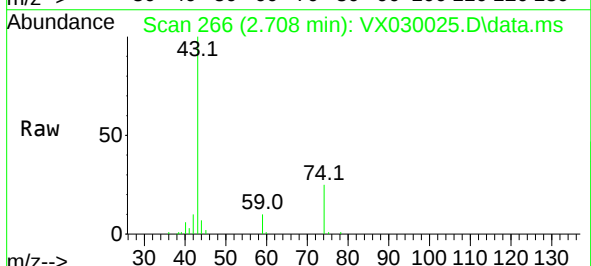
Acq: 12 Jul 2022 17:28

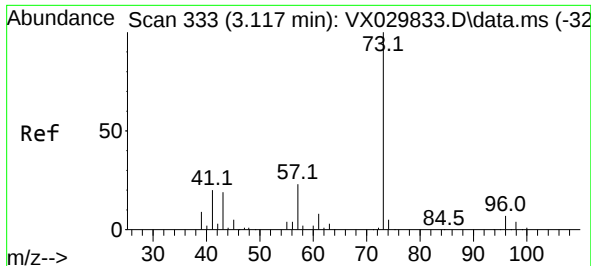
Tgt Ion: 43 Resp: 18419

Ion Ratio Lower Upper

43 100

74 23.9 19.4 29.2





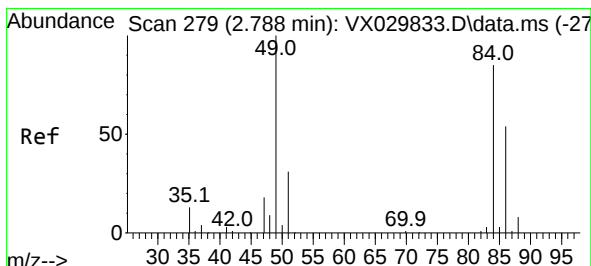
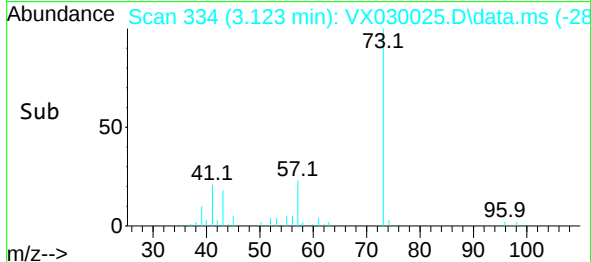
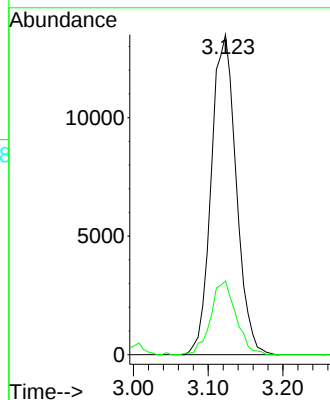
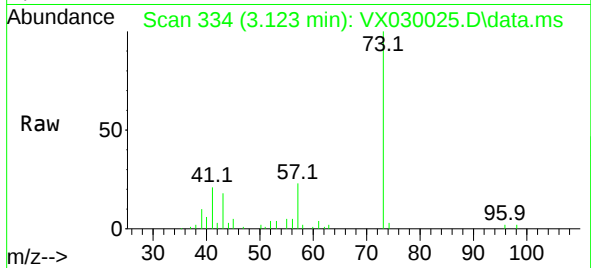
#19
Methyl tert-butyl Ether
Concen: 5.231 ug/l
RT: 3.123 min Scan# 3133
Delta R.T. 0.006 min
Lab File: VX030025.D
Acq: 12 Jul 2022 17:28

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

Tgt Ion: 73 Resp: 3133
Ion Ratio Lower Upper
73 100
57 23.0 19.0 28.6

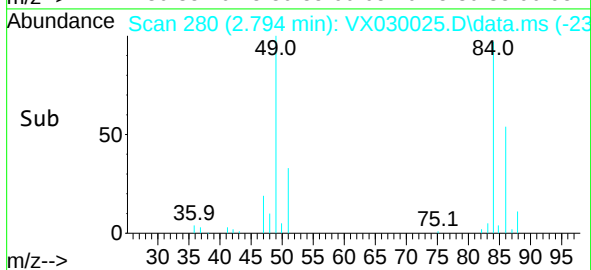
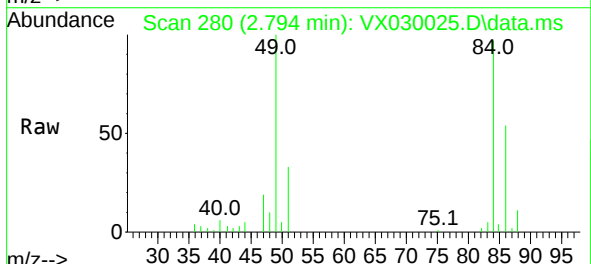
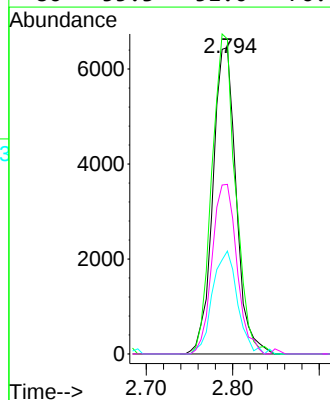
Manual Integrations
APPROVED

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



#20
Methylene Chloride
Concen: 4.889 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX030025.D
Acq: 12 Jul 2022 17:28

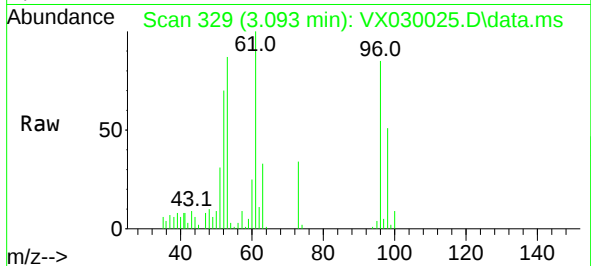
Tgt Ion: 84 Resp: 12065
Ion Ratio Lower Upper
84 100
49 102.8 93.8 140.6
51 33.6 29.4 44.0
86 55.3 51.0 76.4





#21
trans-1,2-Dichloroethene
Concen: 4.764 ug/l
RT: 3.093 min Scan# 301
Delta R.T. -0.000 min
Lab File: VX030025.D
Acq: 12 Jul 2022 17:28

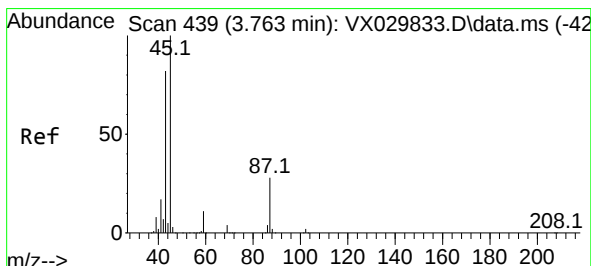
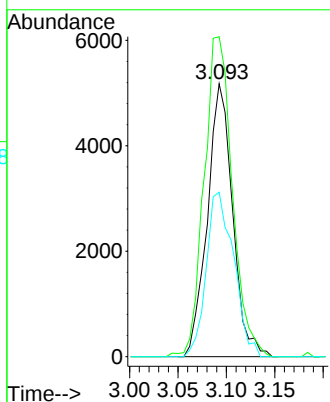
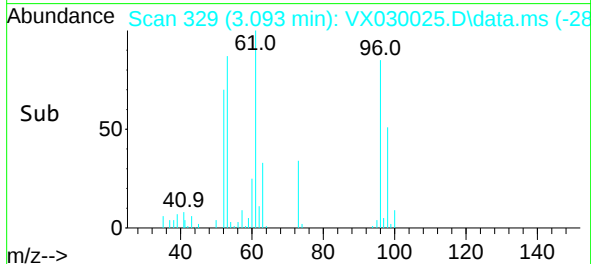
Instrument : MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2022



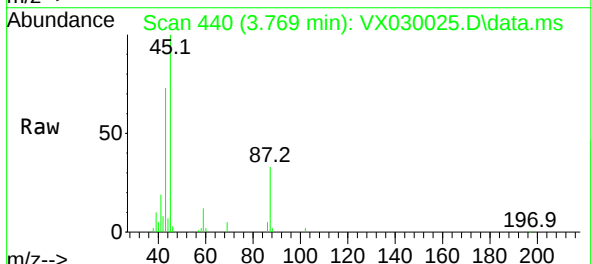
Tgt Ion: 96 Resp: 9410
Ion Ratio Lower Upper
96 100
61 117.2 105.6 158.4
98 60.3 50.1 75.1

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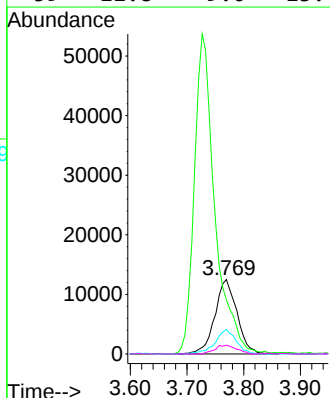
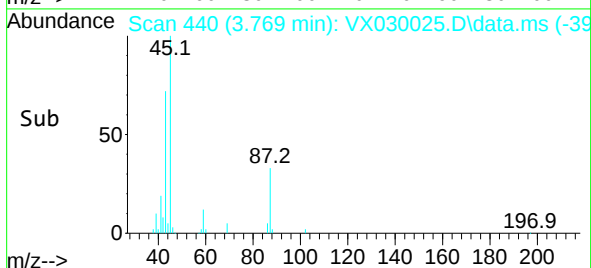
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#22
Diisopropyl ether
Concen: 5.227 ug/l
RT: 3.769 min Scan# 440
Delta R.T. 0.006 min
Lab File: VX030025.D
Acq: 12 Jul 2022 17:28



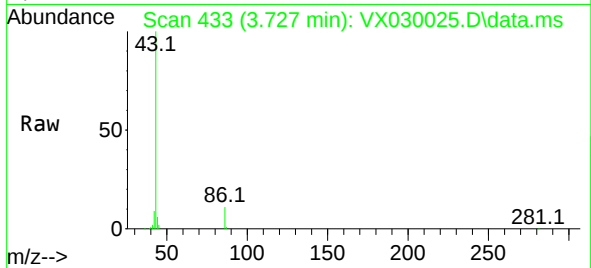
Tgt Ion: 45 Resp: 33880
Ion Ratio Lower Upper
45 100
43 71.4 65.4 98.0
87 33.0 22.3 33.5
59 11.8 9.0 13.4





#23
 Vinyl Acetate
 Concen: 24.637 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX030025.D
 Acq: 12 Jul 2022 17:28

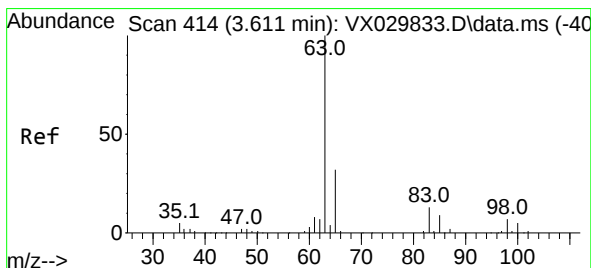
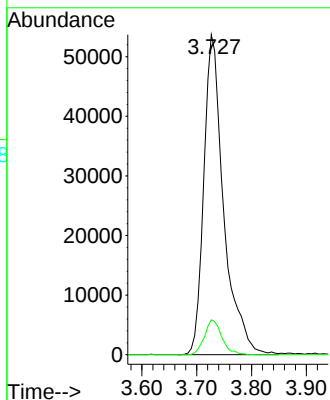
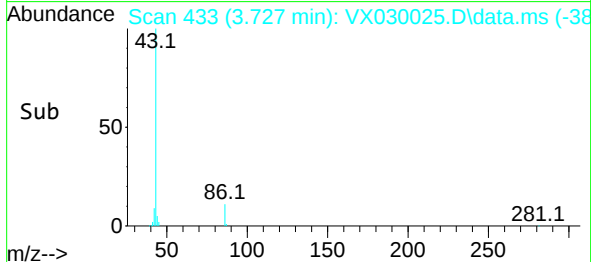
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT2-2022



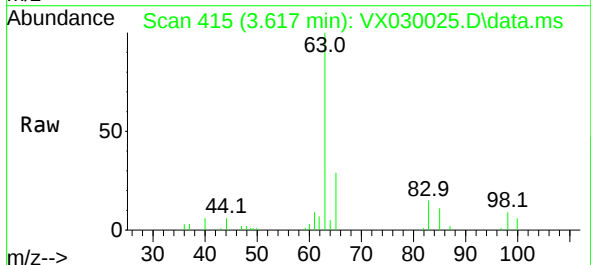
Tgt Ion: 43 Resp: 135194
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.5 12.7

Manual Integrations
 APPROVED

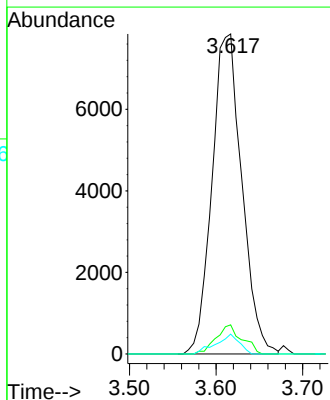
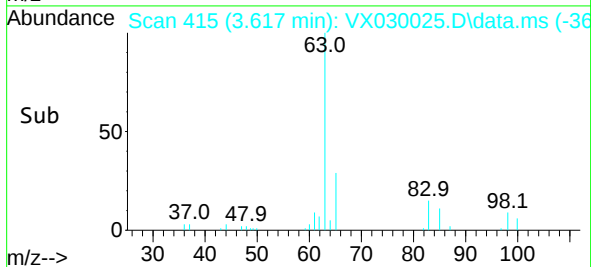
Reviewed By :John Carlone 07/13/2022
 Supervised By :Mahesh Dadoda 07/13/2022

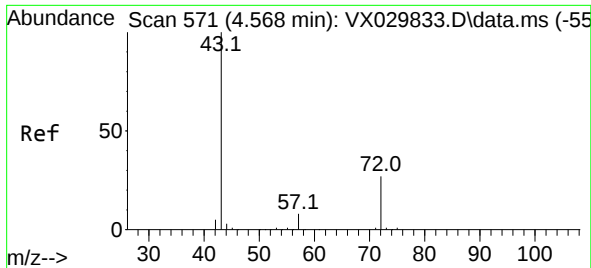


#24
 1,1-Dichloroethane
 Concen: 5.228 ug/l
 RT: 3.617 min Scan# 415
 Delta R.T. 0.006 min
 Lab File: VX030025.D
 Acq: 12 Jul 2022 17:28



Tgt Ion: 63 Resp: 18777
 Ion Ratio Lower Upper
 63 100
 98 9.1 3.5 10.5
 100 6.2 2.3 6.9





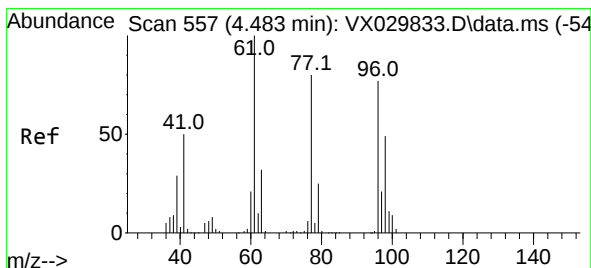
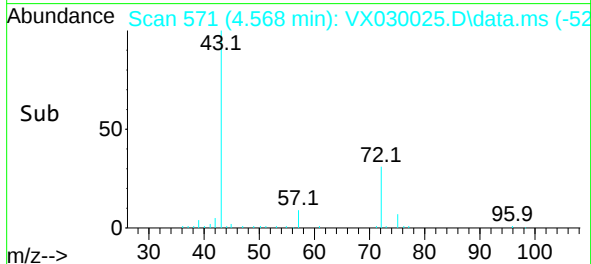
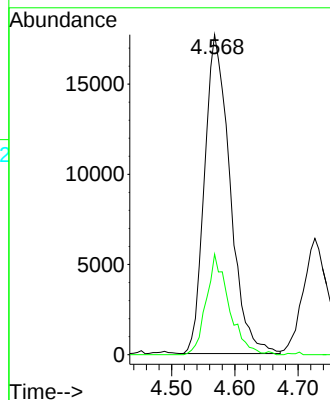
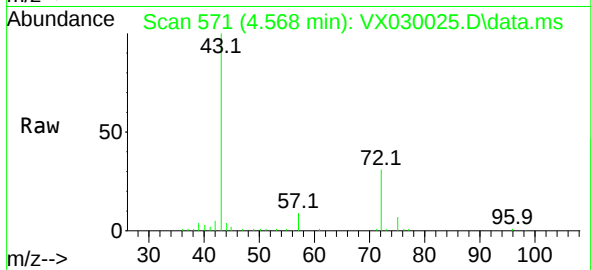
#25
2-Butanone
Concen: 27.255 ug/l
RT: 4.568 min Scan# 571
Delta R.T. -0.000 min
Lab File: VX030025.D
Acq: 12 Jul 2022 17:28

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

Tgt Ion: 43 Resp: 49520
Ion Ratio Lower Upper
43 100
72 31.5 21.7 32.5

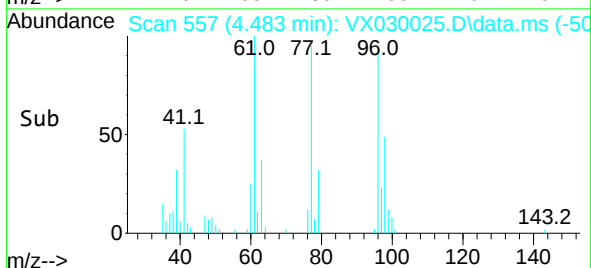
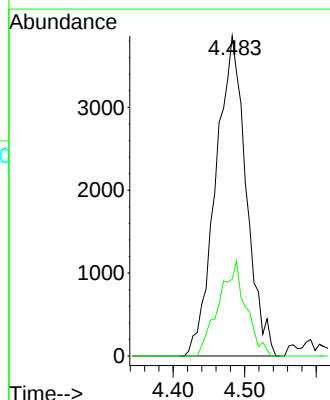
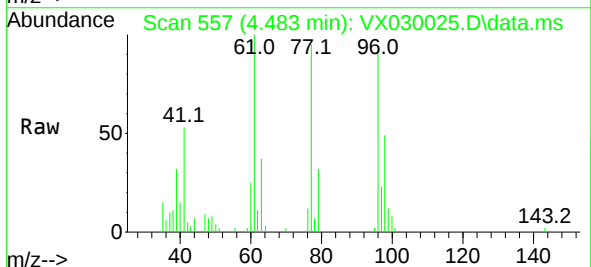
Manual Integrations
APPROVED

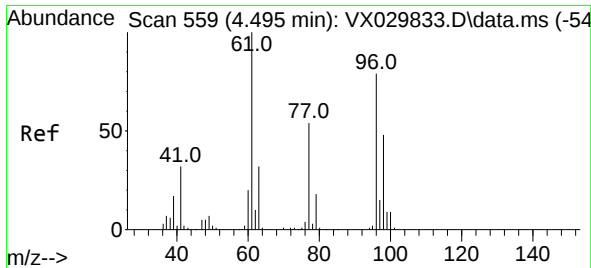
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#26
2,2-Dichloropropane
Concen: 4.527 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.000 min
Lab File: VX030025.D
Acq: 12 Jul 2022 17:28

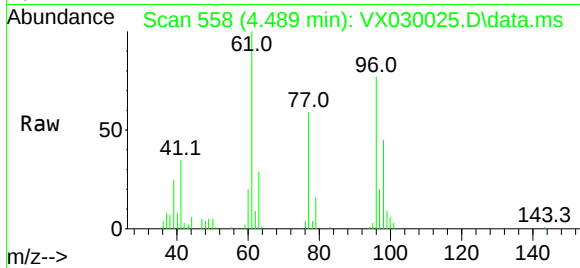
Tgt Ion: 77 Resp: 11422
Ion Ratio Lower Upper
77 100
97 26.4 13.0 39.0





#27
 cis-1,2-Dichloroethene
 Concen: 5.128 ug/l
 RT: 4.489 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VX030025.D
 Acq: 12 Jul 2022 17:28

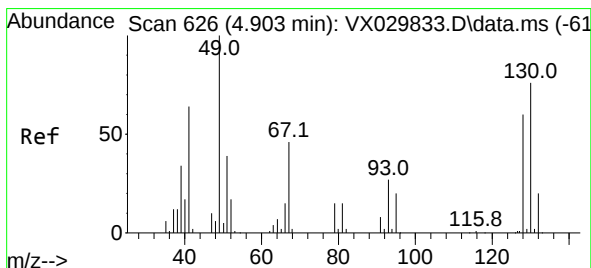
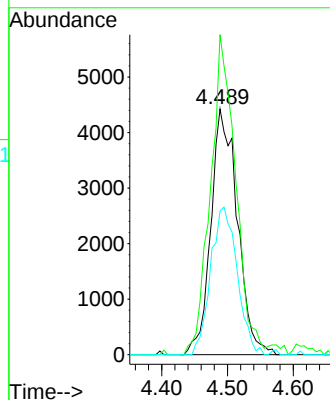
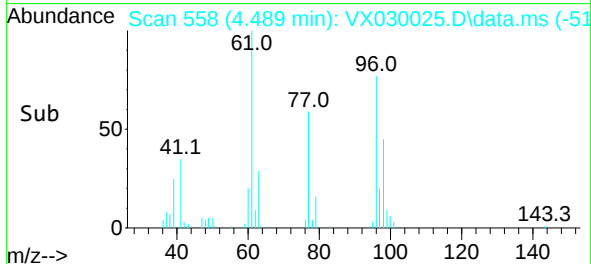
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT2-2022



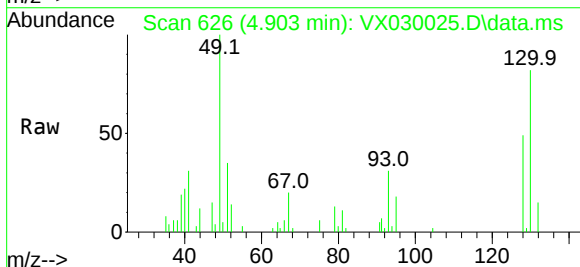
Tgt Ion: 96 Resp: 12404
 Ion Ratio Lower Upper
 96 100
 61 123.6 0.0 270.0
 98 60.1 0.0 127.8

Manual Integrations
 APPROVED

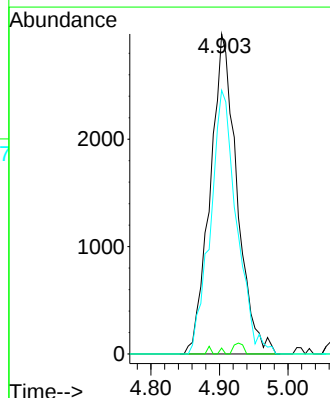
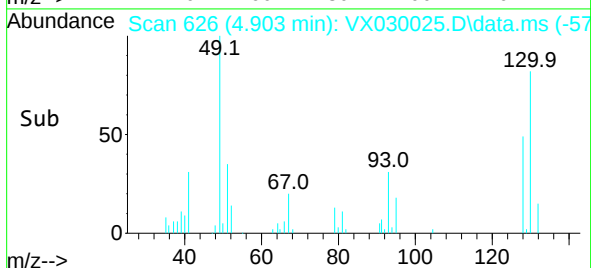
Reviewed By :John Carlone 07/13/2022
 Supervised By :Mahesh Dadoda 07/13/2022

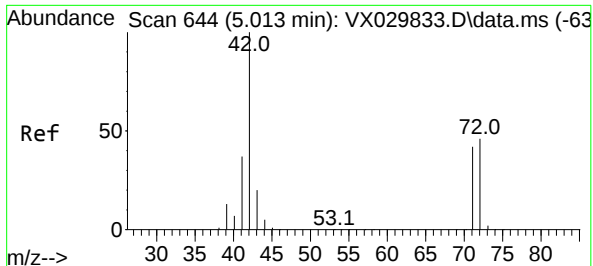


#28
 Bromochloromethane
 Concen: 5.352 ug/l
 RT: 4.903 min Scan# 626
 Delta R.T. 0.000 min
 Lab File: VX030025.D
 Acq: 12 Jul 2022 17:28



Tgt Ion: 49 Resp: 8087
 Ion Ratio Lower Upper
 49 100
 129 0.2 0.0 4.4
 130 81.1 62.8 94.2





#29

Tetrahydrofuran

Concen: 26.777 ug/l

RT: 5.019 min Scan# 644

Delta R.T. 0.006 min

Lab File: VX030025.D

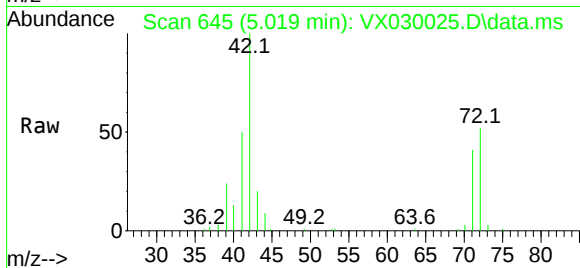
Acq: 12 Jul 2022 17:28

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2022



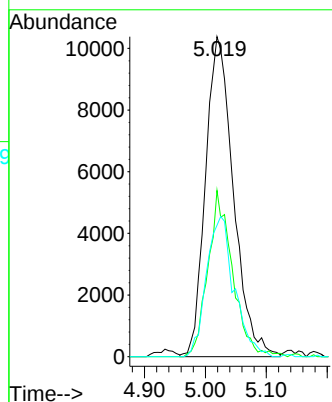
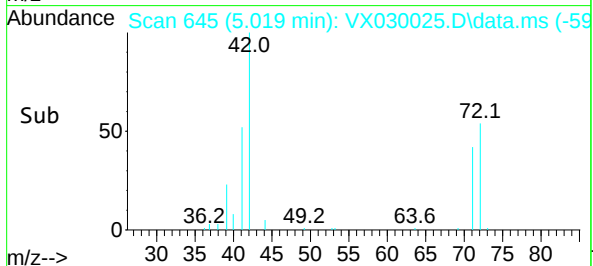
Tgt Ion:	42	Resp:	3302
Ion Ratio	Lower	Upper	
42	100		
72	45.8	36.5	54.7
71	43.6	33.9	50.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#30

Chloroform

Concen: 5.102 ug/l

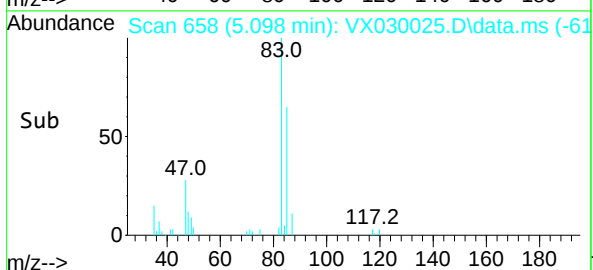
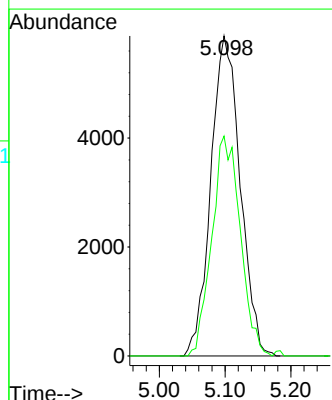
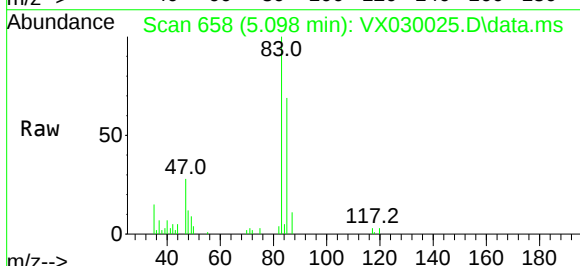
RT: 5.098 min Scan# 658

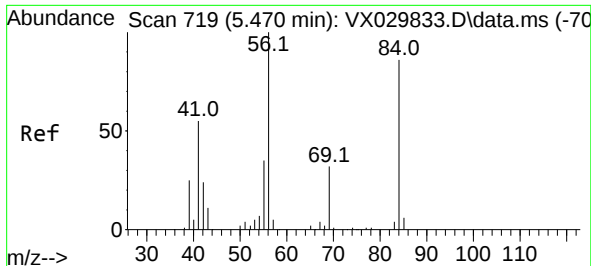
Delta R.T. -0.007 min

Lab File: VX030025.D

Acq: 12 Jul 2022 17:28

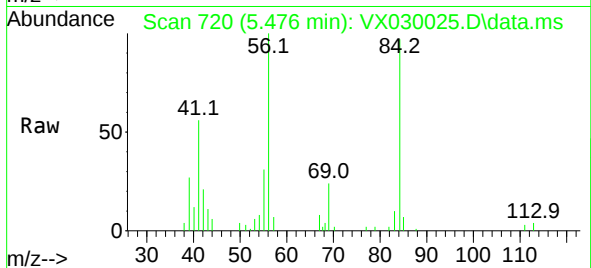
Tgt Ion:	83	Resp:	18264
Ion Ratio	Lower	Upper	
83	100		
85	68.7	51.5	77.3





#31
Cyclohexane
Concen: 4.412 ug/l
RT: 5.476 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX030025.D
Acq: 12 Jul 2022 17:28

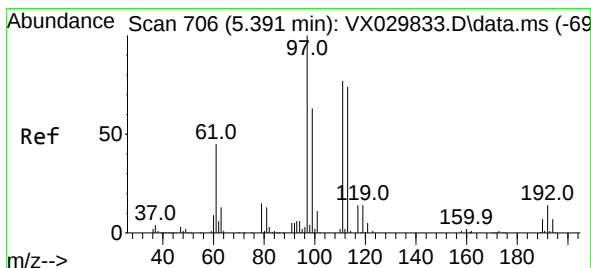
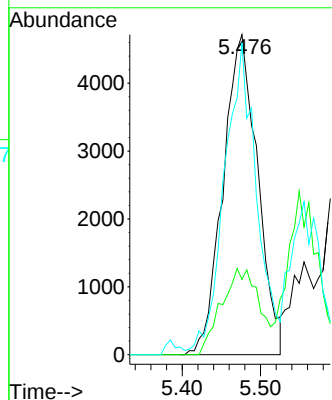
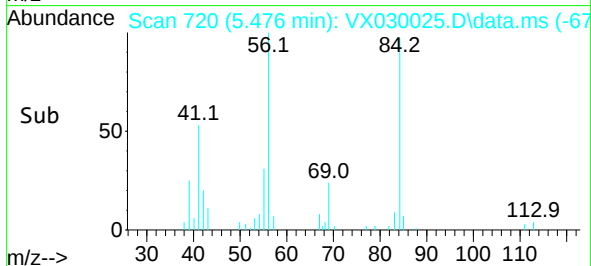
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion: 56 Resp: 14479
Ion Ratio Lower Upper
56 100
69 23.5 25.4 38.0
84 95.0 68.9 103.3

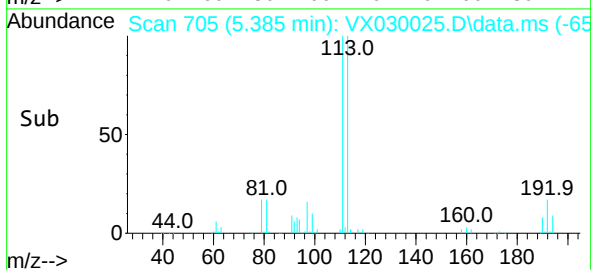
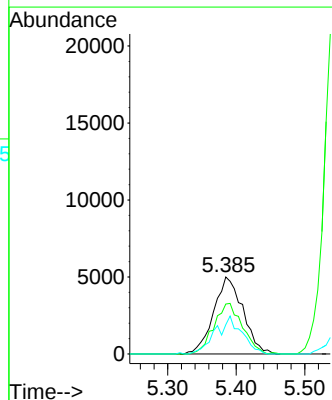
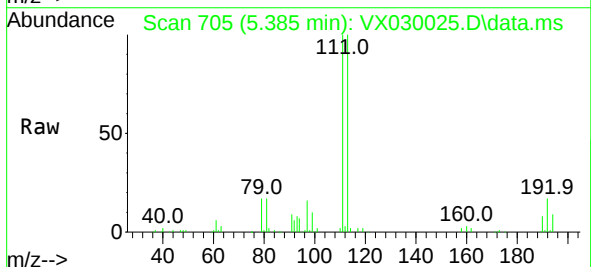
Manual Integrations
APPROVED

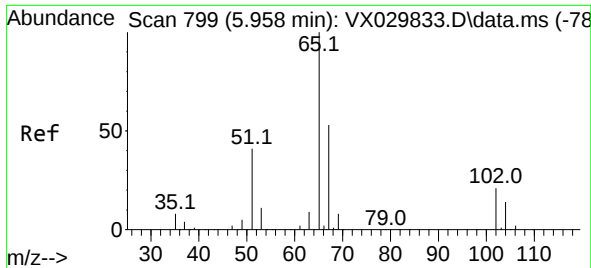
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#32
1,1,1-Trichloroethane
Concen: 5.070 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX030025.D
Acq: 12 Jul 2022 17:28

Tgt Ion: 97 Resp: 14832
Ion Ratio Lower Upper
97 100
99 64.3 51.4 77.0
61 44.0 35.8 53.8





#33

1,2-Dichloroethane-d4

Concen: 49.111 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX030025.D

Acq: 12 Jul 2022 17:28

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2022

Tgt Ion: 65 Resp: 111180

Ion Ratio Lower Upper

65 100

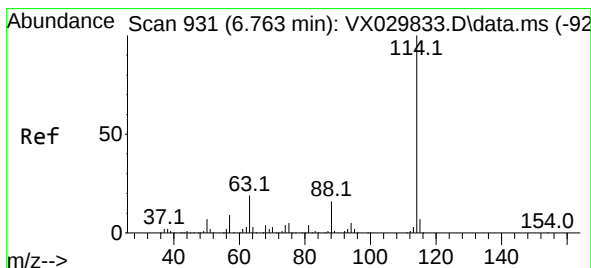
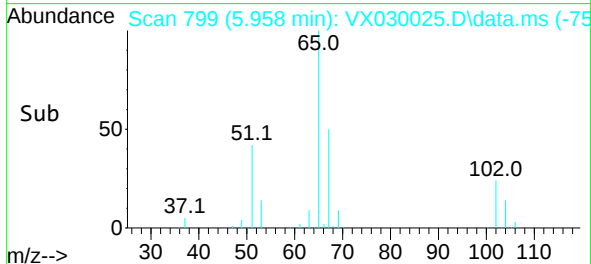
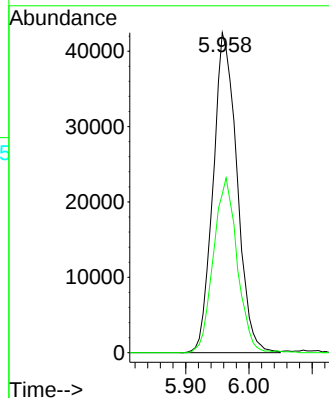
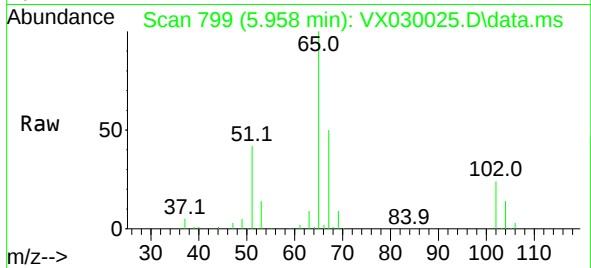
67 54.2 0.0 109.6

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: VX030025.D

Acq: 12 Jul 2022 17:28

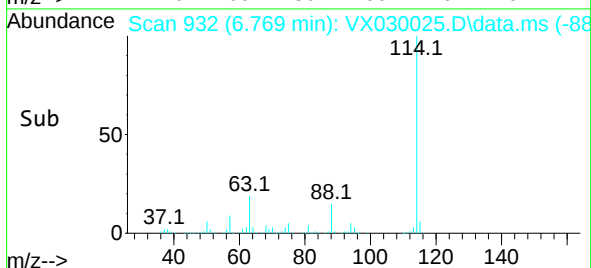
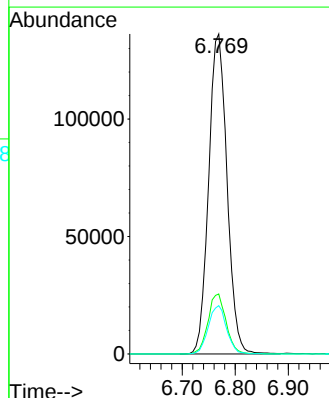
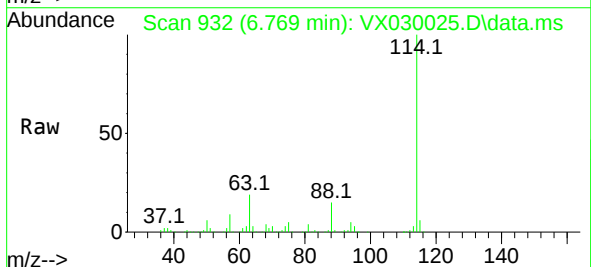
Tgt Ion:114 Resp: 327400

Ion Ratio Lower Upper

114 100

63 18.7 0.0 38.4

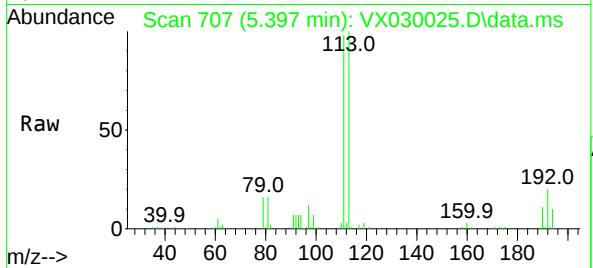
88 15.1 0.0 31.8





#35
Dibromofluoromethane
Concen: 47.541 ug/l
RT: 5.397 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX030025.D
Acq: 12 Jul 2022 17:28

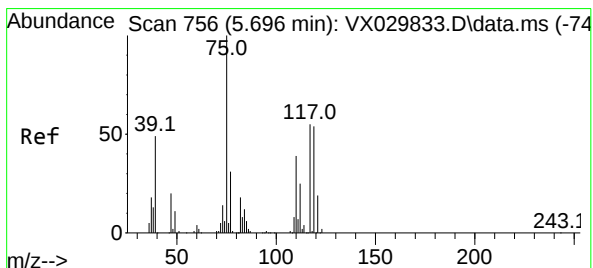
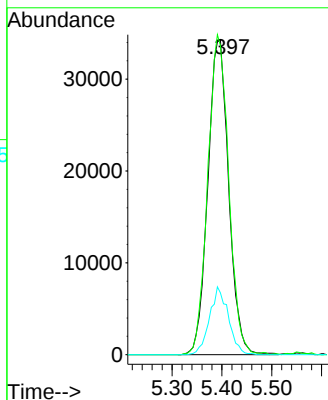
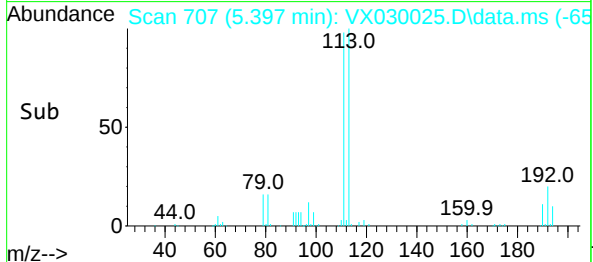
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion: 113 Resp: 99434
Ion Ratio Lower Upper
113 100
111 102.0 83.2 124.8
192 19.5 14.8 22.2

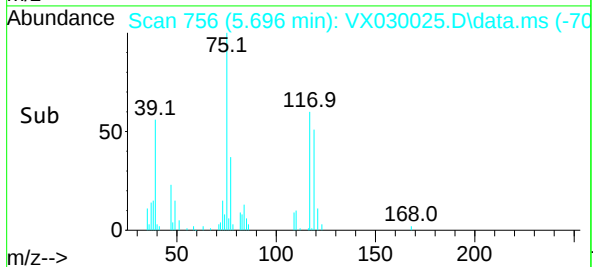
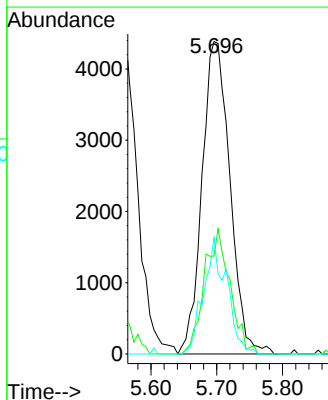
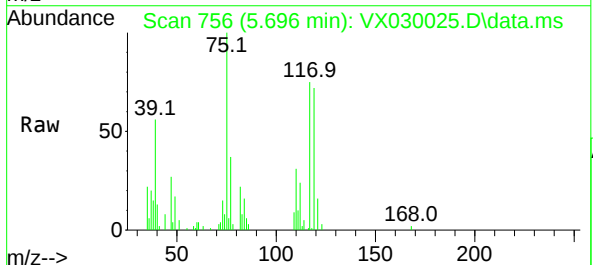
Manual Integrations
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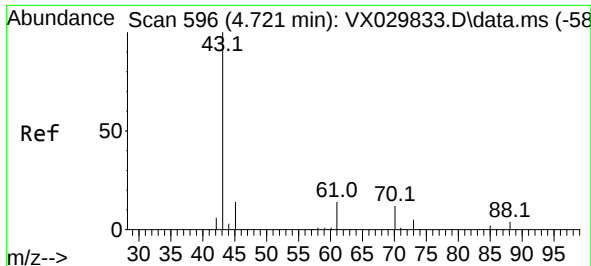
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#36
1,1-Dichloropropene
Concen: 4.796 ug/l
RT: 5.696 min Scan# 756
Delta R.T. -0.000 min
Lab File: VX030025.D
Acq: 12 Jul 2022 17:28

Tgt Ion: 75 Resp: 12956
Ion Ratio Lower Upper
75 100
110 36.7 19.3 57.9
77 30.9 24.4 36.6





#37

Ethyl Acetate

Concen: 5.119 ug/l

RT: 4.726 min Scan# 596

Delta R.T. 0.005 min

Lab File: VX030025.D

Acq: 12 Jul 2022 17:28

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2022

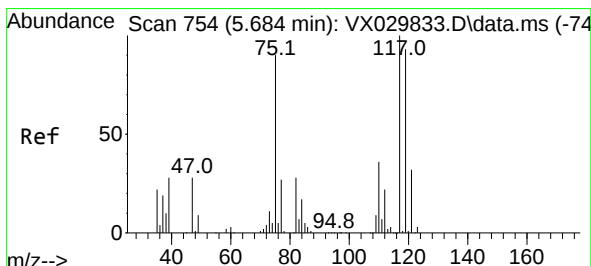
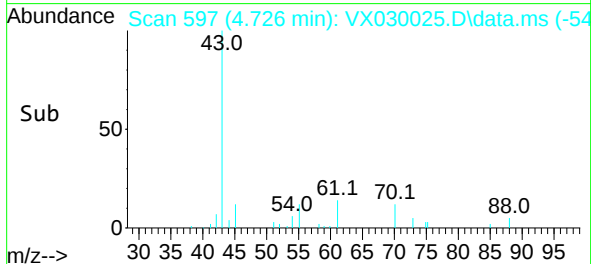
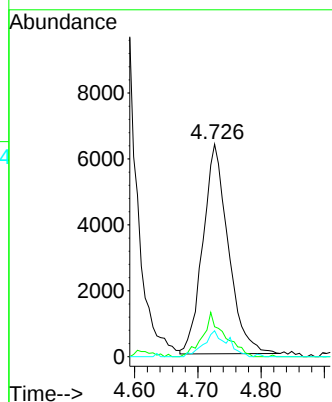
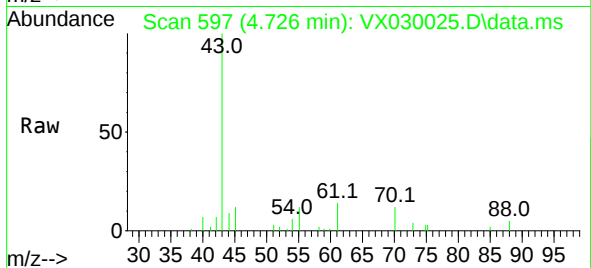
Tgt Ion:	43	Resp:	17770
Ion	Ratio	Lower	Upper
43	100		
61	18.1	11.7	17.5
70	11.5	9.3	13.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#38

Carbon Tetrachloride

Concen: 4.898 ug/l

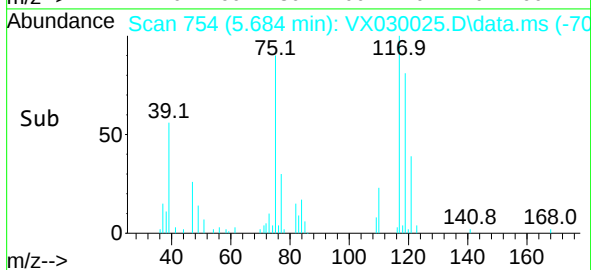
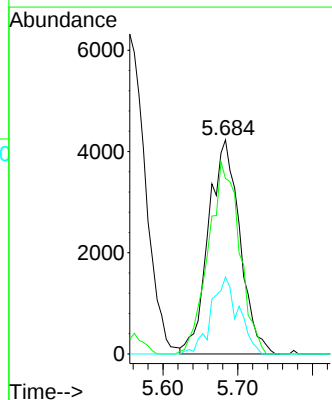
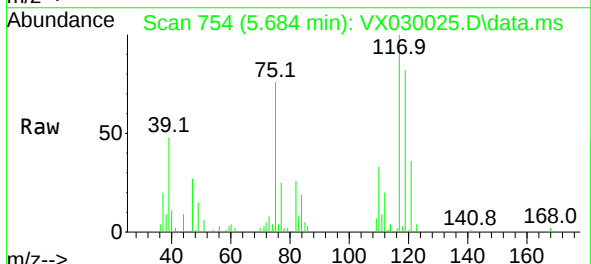
RT: 5.684 min Scan# 754

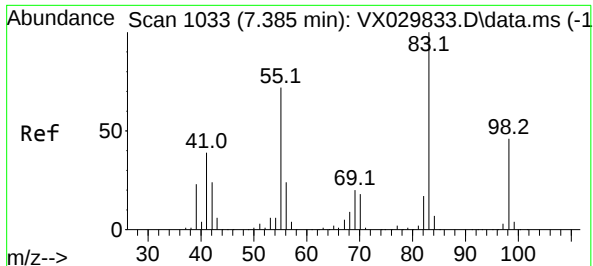
Delta R.T. -0.000 min

Lab File: VX030025.D

Acq: 12 Jul 2022 17:28

Tgt Ion:	117	Resp:	12341
Ion	Ratio	Lower	Upper
117	100		
119	82.0	74.1	111.1
121	36.0	25.8	38.8





#39

Methylcyclohexane

Concen: 4.456 ug/l

RT: 7.384 min Scan# 1033

Delta R.T. -0.001 min

Lab File: VX030025.D

Acq: 12 Jul 2022 17:28

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2022

Tgt Ion: 83 Resp: 15260

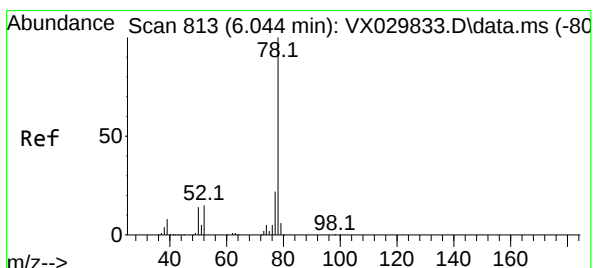
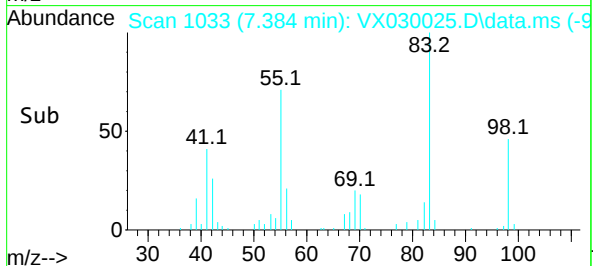
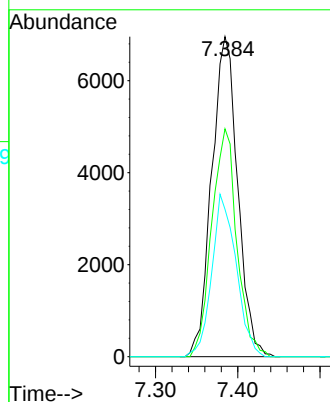
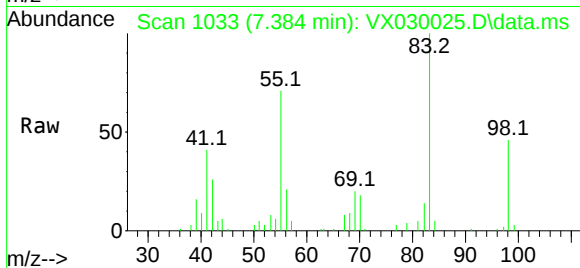
Ion	Ratio	Lower	Upper
83	100		
55	71.2	57.7	86.5
98	46.1	36.5	54.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#40

Benzene

Concen: 5.000 ug/l

RT: 6.043 min Scan# 813

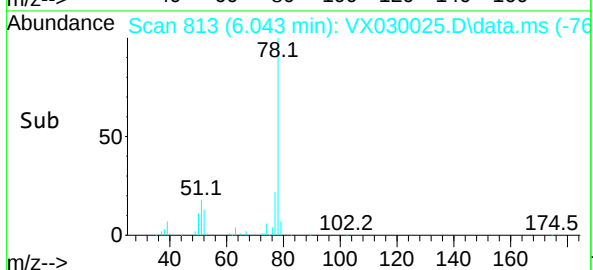
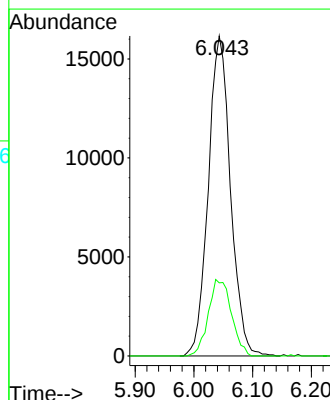
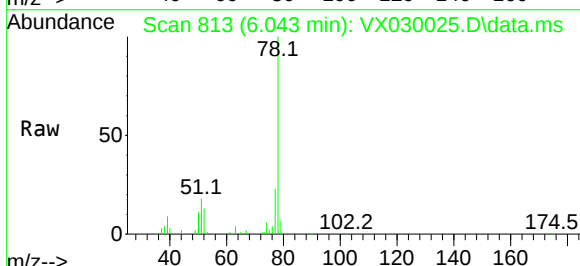
Delta R.T. -0.001 min

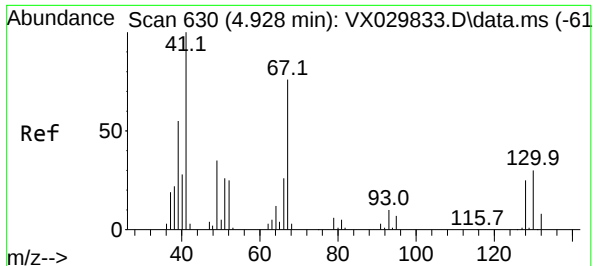
Lab File: VX030025.D

Acq: 12 Jul 2022 17:28

Tgt Ion: 78 Resp: 42516

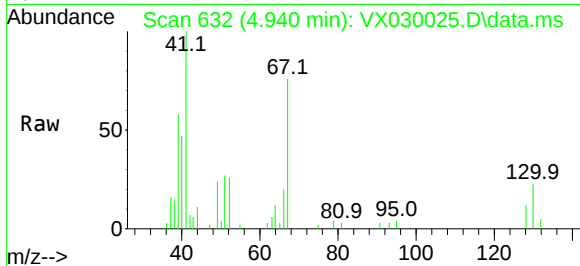
Ion	Ratio	Lower	Upper
78	100		
77	22.8	18.0	27.0





#41
Methacrylonitrile
Concen: 5.106 ug/l
RT: 4.940 min Scan# 61
Delta R.T. 0.012 min
Lab File: VX030025.D
Acq: 12 Jul 2022 17:28

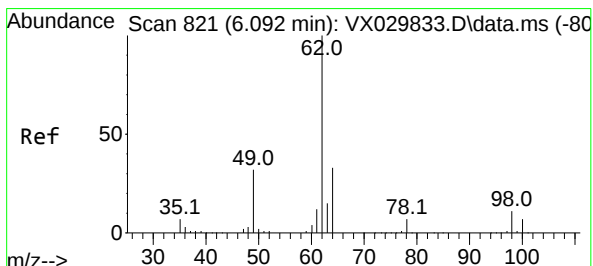
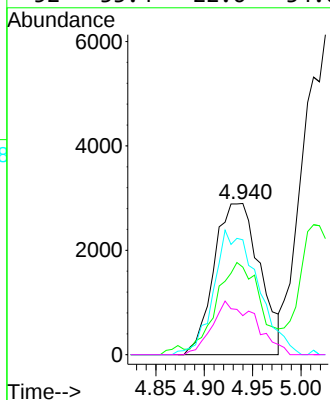
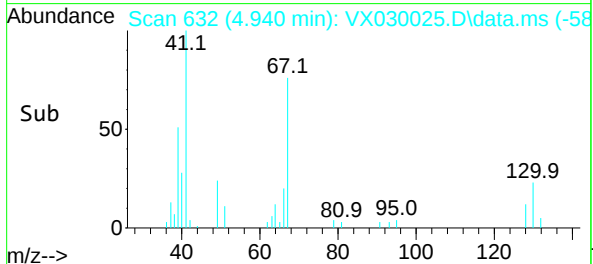
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2022



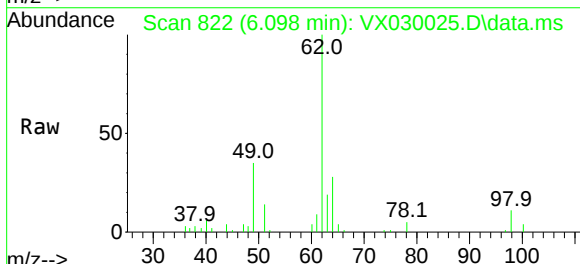
Tgt Ion: 41 Resp: 954
Ion Ratio Lower Upper
41 100
39 58.2 42.9 64.3
67 79.0 60.1 90.1
52 33.4 22.6 34.0

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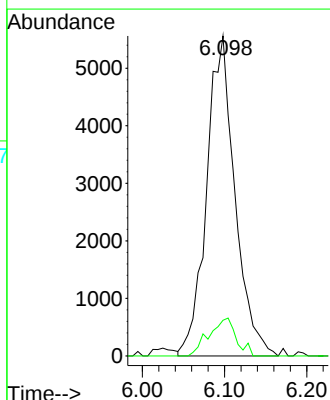
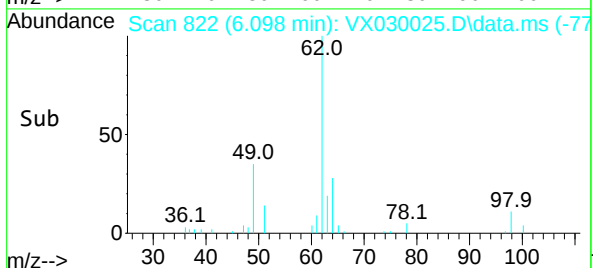
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

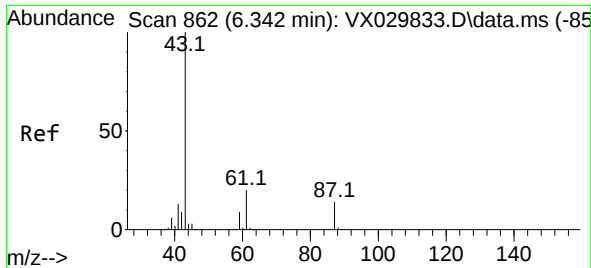


#42
1,2-Dichloroethane
Concen: 5.059 ug/l
RT: 6.098 min Scan# 822
Delta R.T. 0.006 min
Lab File: VX030025.D
Acq: 12 Jul 2022 17:28



Tgt Ion: 62 Resp: 13333
Ion Ratio Lower Upper
62 100
98 11.3 0.0 20.2





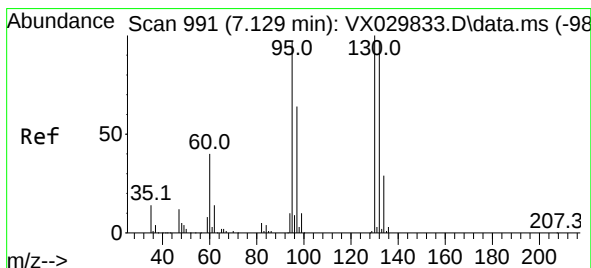
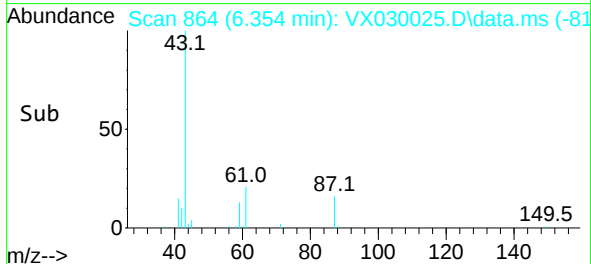
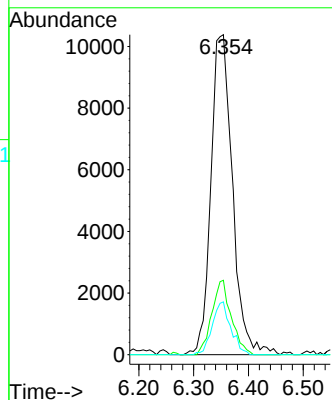
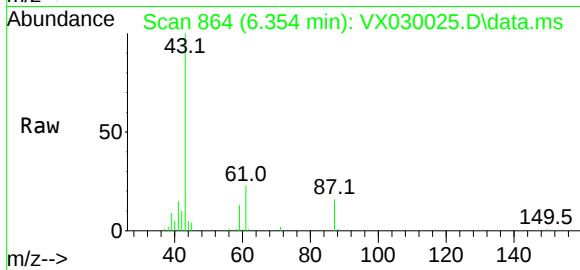
#43
Isopropyl Acetate
Concen: 5.440 ug/l
RT: 6.354 min Scan# 864
Delta R.T. 0.012 min
Lab File: VX030025.D
Acq: 12 Jul 2022 17:28

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

Tgt Ion: 43 Resp: 28398
Ion Ratio Lower Upper
43 100
61 20.9 16.5 24.7
87 14.2 11.1 16.7

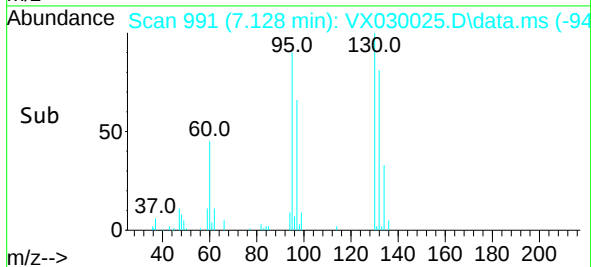
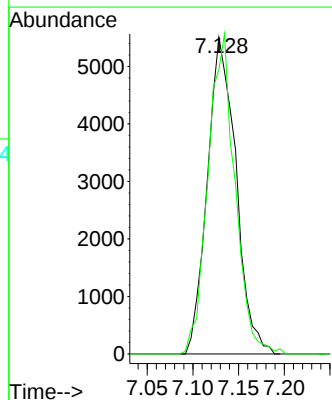
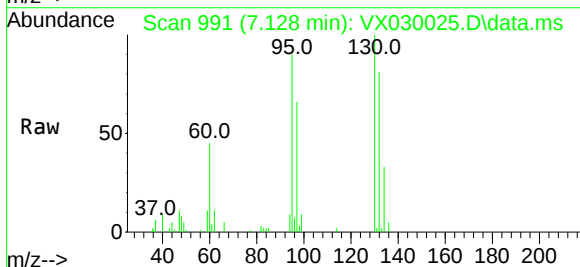
Manual Integrations
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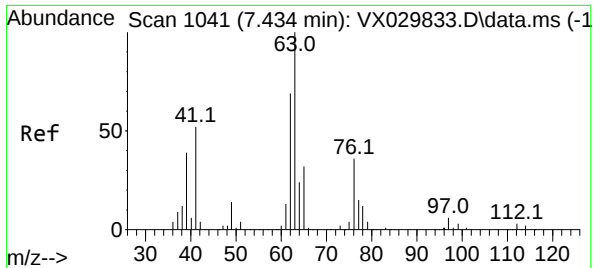
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#44
Trichloroethene
Concen: 4.829 ug/l
RT: 7.128 min Scan# 991
Delta R.T. -0.001 min
Lab File: VX030025.D
Acq: 12 Jul 2022 17:28

Tgt Ion:130 Resp: 11999
Ion Ratio Lower Upper
130 100
95 89.8 0.0 194.8





#45

1,2-Dichloropropane

Concen: 5.185 ug/l

RT: 7.439 min Scan# 1041

Delta R.T. 0.005 min

Lab File: VX030025.D

Acq: 12 Jul 2022 17:28

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2022

Tgt Ion: 63 Resp: 11460

Ion Ratio Lower Upper

63 100

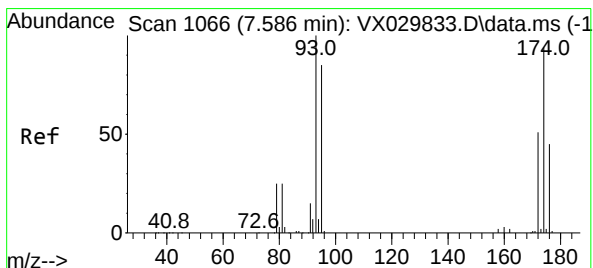
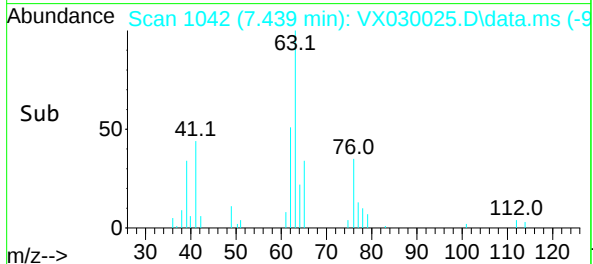
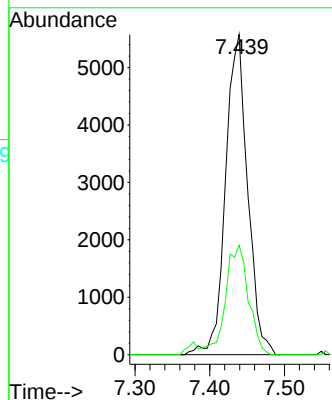
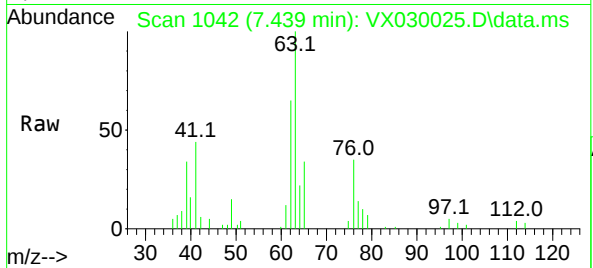
65 34.2 25.2 37.8

Manual Integrations

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Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#46

Dibromomethane

Concen: 5.032 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VX030025.D

Acq: 12 Jul 2022 17:28

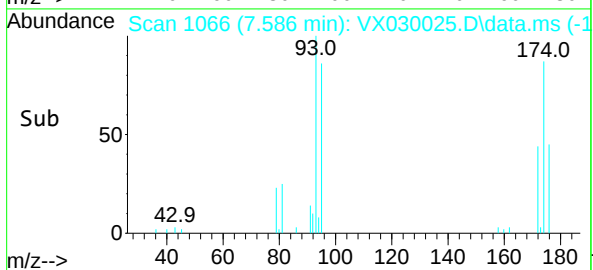
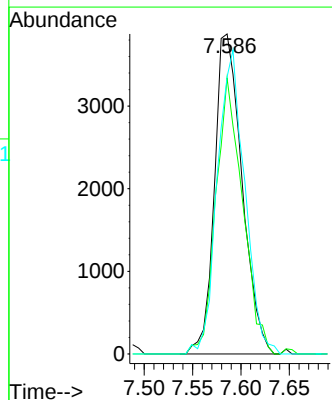
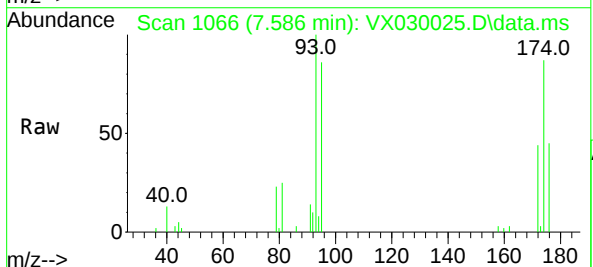
Tgt Ion: 93 Resp: 7655

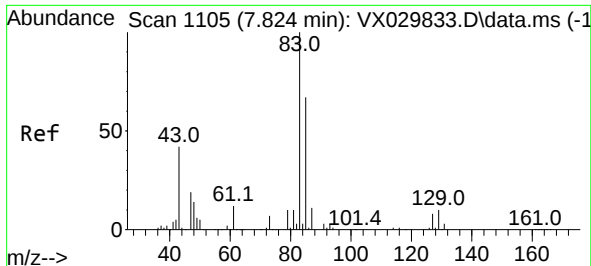
Ion Ratio Lower Upper

93 100

95 83.7 67.4 101.0

174 94.6 75.6 113.4





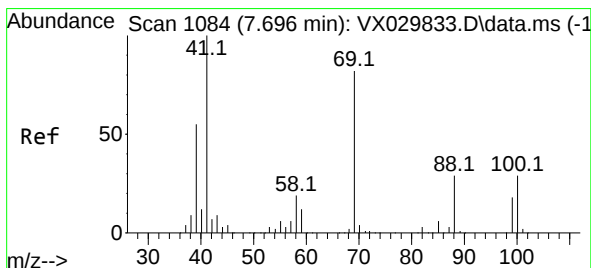
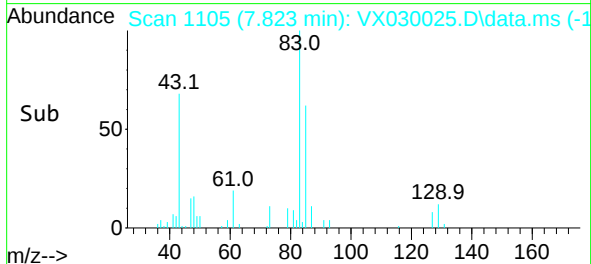
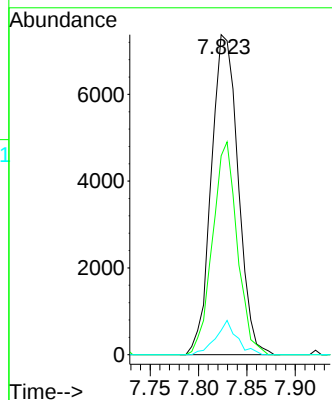
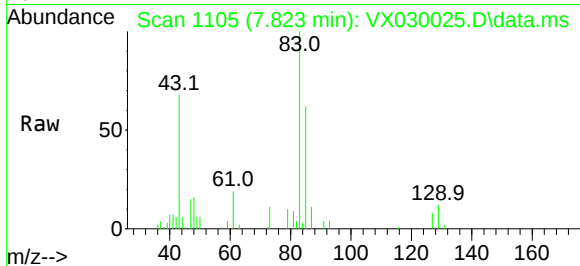
#47
Bromodichloromethane
Concen: 5.149 ug/l
RT: 7.823 min Scan# 1105
Delta R.T. -0.001 min
Lab File: VX030025.D
Acq: 12 Jul 2022 17:28

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

Tgt Ion: 83 Resp: 1421
Ion Ratio Lower Upper
83 100
85 62.2 53.5 80.3
127 7.6 6.6 10.0

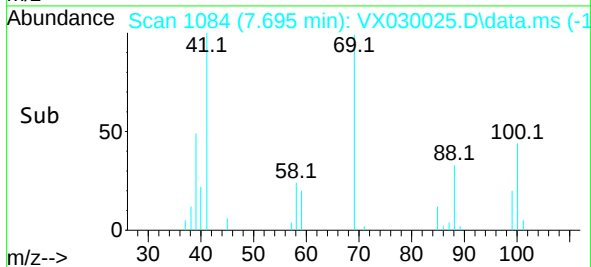
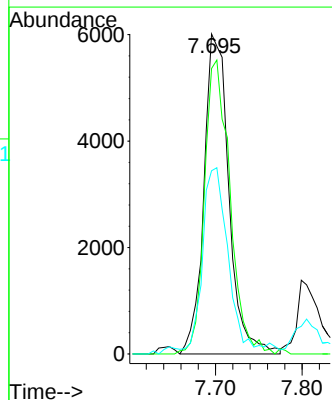
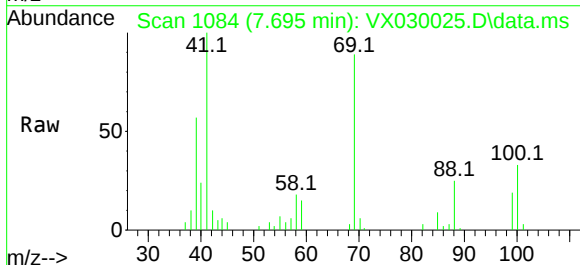
Manual Integrations
APPROVED

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



#48
Methyl methacrylate
Concen: 5.006 ug/l
RT: 7.695 min Scan# 1084
Delta R.T. -0.001 min
Lab File: VX030025.D
Acq: 12 Jul 2022 17:28

Tgt Ion: 41 Resp: 12058
Ion Ratio Lower Upper
41 100
69 93.3 68.8 103.2
39 58.7 44.6 66.8





#49

1,4-Dioxane

Concen: 105.468 ug/l

RT: 7.677 min Scan# 1081

Delta R.T. -0.006 min

Lab File: VX030025.D

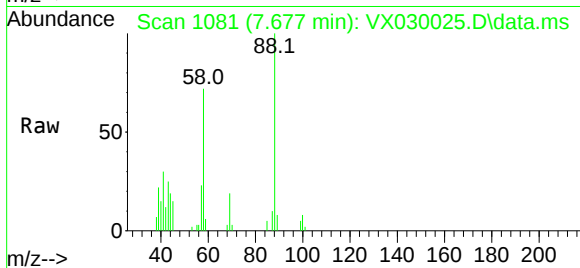
Acq: 12 Jul 2022 17:28

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2022

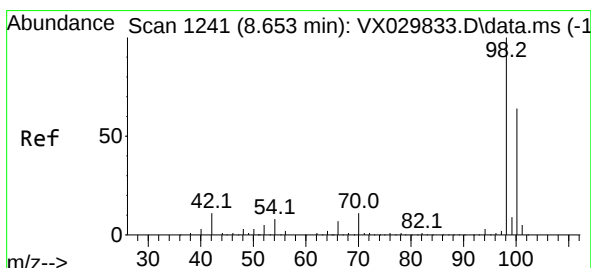
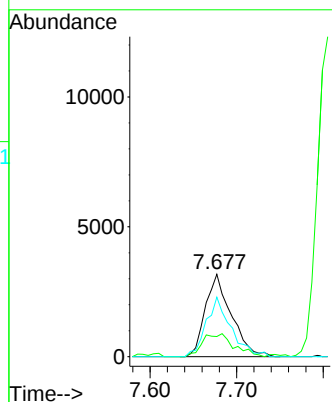
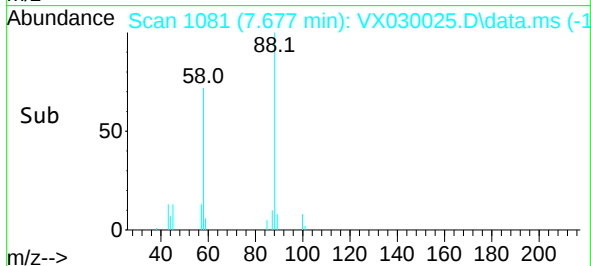


Tgt Ion:	88	Resp:	6600
Ion	Ratio	Lower	Upper
88	100		
43	33.7	23.8	35.8
58	69.0	53.8	80.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#50

Toluene-d8

Concen: 48.681 ug/l

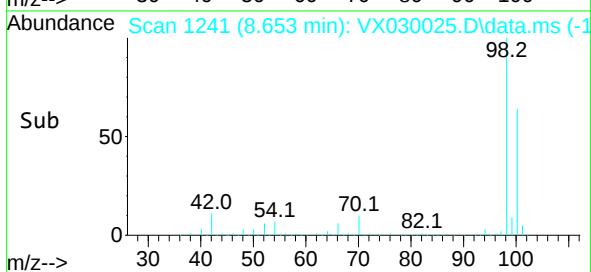
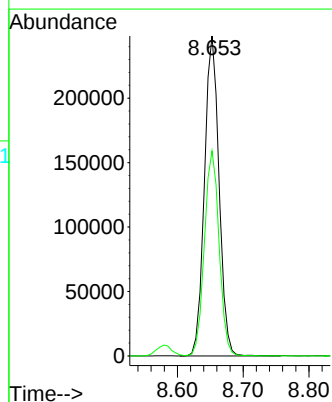
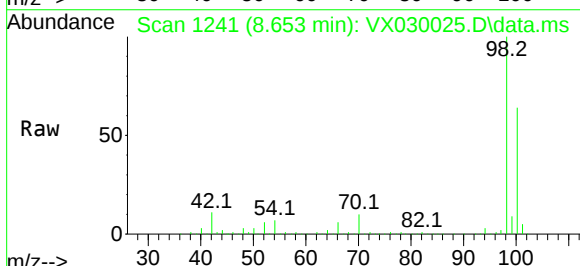
RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX030025.D

Acq: 12 Jul 2022 17:28

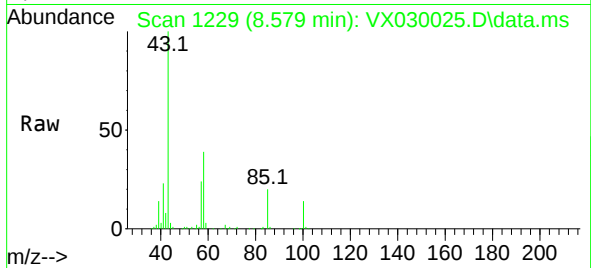
Tgt Ion:	98	Resp:	382933
Ion	Ratio	Lower	Upper
98	100		
100	64.5	52.3	78.5





#51
4-Methyl-2-Pentanone
Concen: 26.977 ug/l
RT: 8.579 min Scan# 1229
Delta R.T. -0.001 min
Lab File: VX030025.D
Acq: 12 Jul 2022 17:28

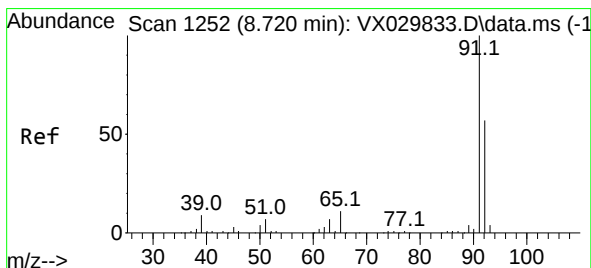
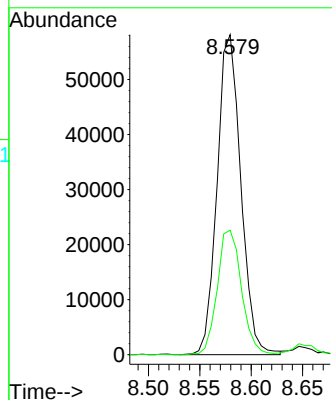
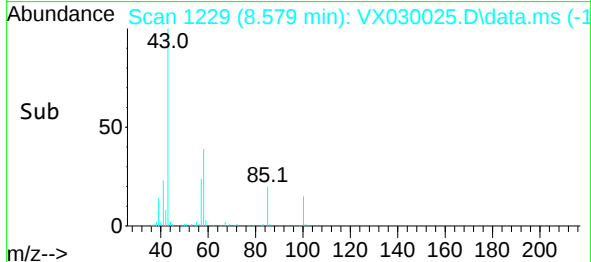
Instrument : MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2022



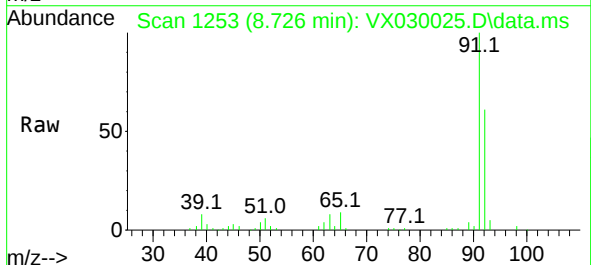
Tgt Ion: 43 Resp: 9318
Ion Ratio Lower Upper
43 100
58 39.7 31.4 47.2

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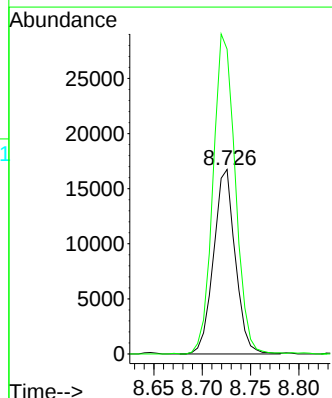
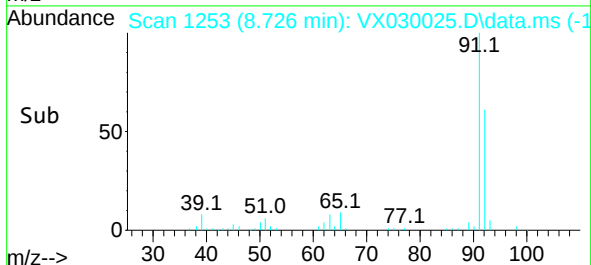
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

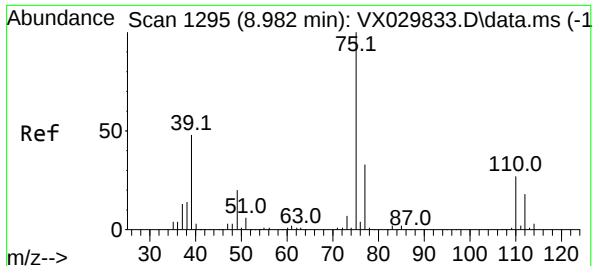


#52
Toluene
Concen: 4.824 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX030025.D
Acq: 12 Jul 2022 17:28



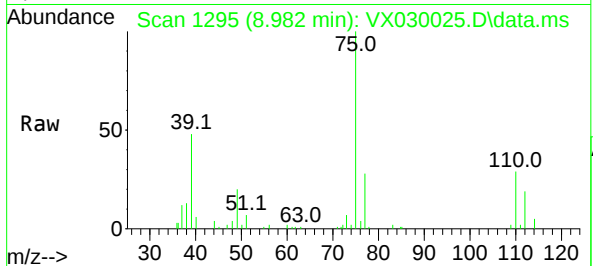
Tgt Ion: 92 Resp: 26047
Ion Ratio Lower Upper
92 100
91 177.9 139.2 208.8





#53
t-1,3-Dichloropropene
Concen: 4.546 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. -0.000 min
Lab File: VX030025.D
Acq: 12 Jul 2022 17:28

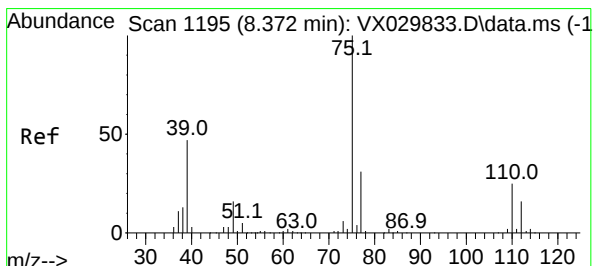
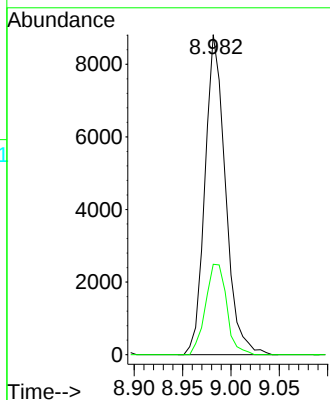
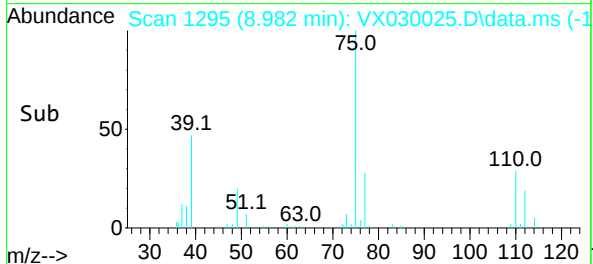
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2022



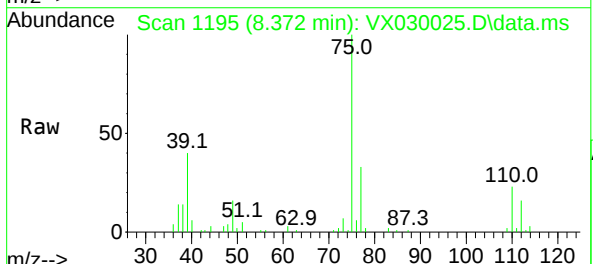
Tgt Ion: 75 Resp: 13034
Ion Ratio Lower Upper
75 100
77 28.3 26.3 39.5

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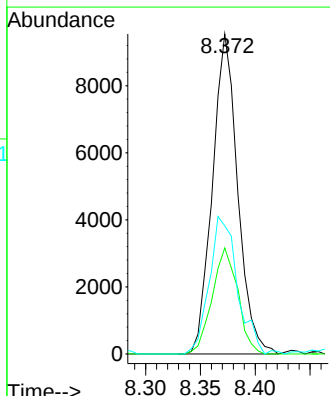
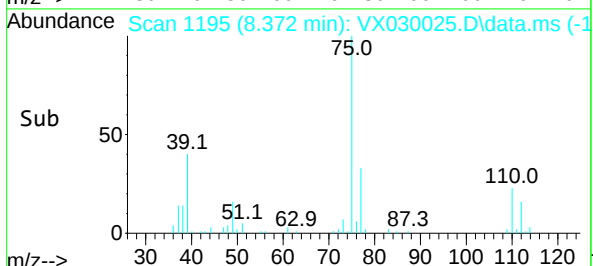
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

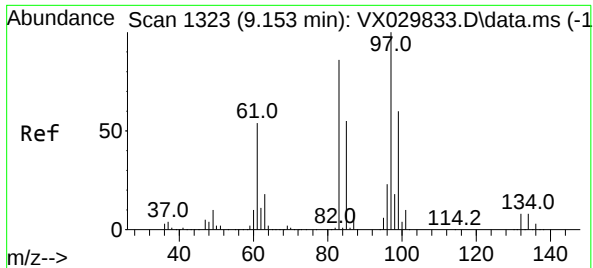


#54
cis-1,3-Dichloropropene
Concen: 4.658 ug/l
RT: 8.372 min Scan# 1195
Delta R.T. 0.000 min
Lab File: VX030025.D
Acq: 12 Jul 2022 17:28



Tgt Ion: 75 Resp: 15300
Ion Ratio Lower Upper
75 100
77 33.1 25.0 37.4
39 40.1 37.5 56.3





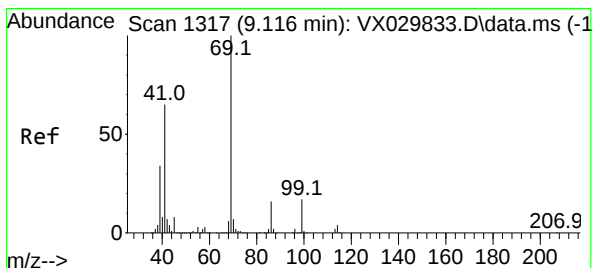
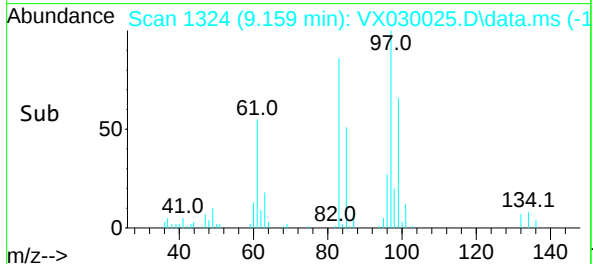
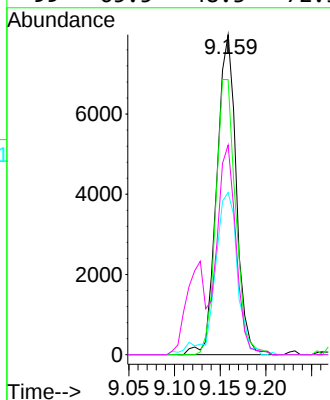
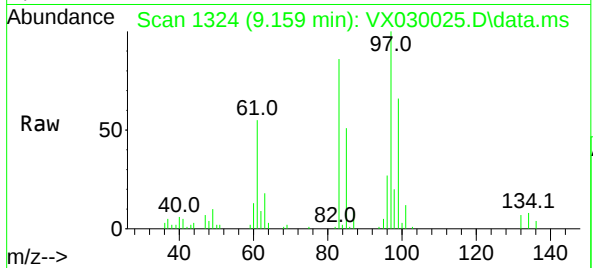
#55
1,1,2-Trichloroethane
Concen: 5.315 ug/l
RT: 9.159 min Scan# 1183
Delta R.T. 0.006 min
Lab File: VX030025.D
Acq: 12 Jul 2022 17:28

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

Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.0	68.9	103.3
85	50.7	44.0	66.0
99	65.5	48.3	72.5

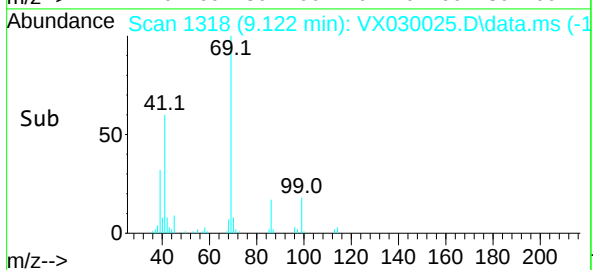
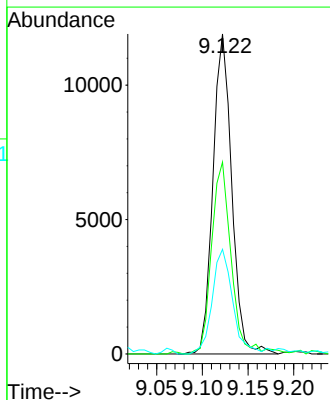
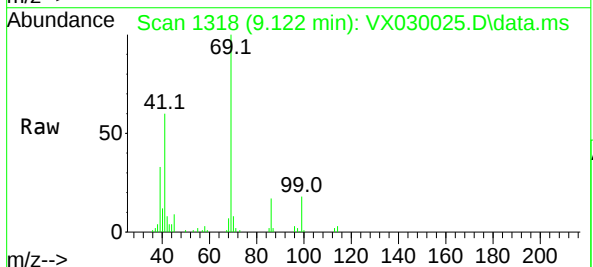
Manual Integrations
APPROVED

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



#56
Ethyl methacrylate
Concen: 5.079 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VX030025.D
Acq: 12 Jul 2022 17:28

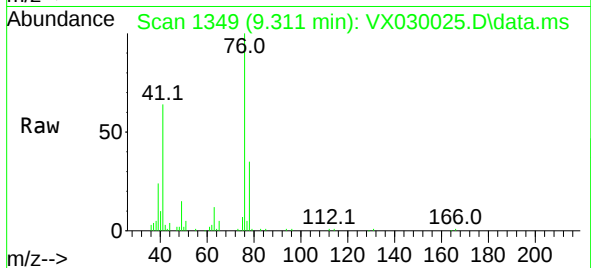
Tgt Ion	Ratio	Lower	Upper
69	100		
41	62.7	52.3	78.5
39	35.5	28.2	42.4





#57
1,3-Dichloropropane
Concen: 5.153 ug/l
RT: 9.311 min Scan# 1174
Delta R.T. -0.000 min
Lab File: VX030025.D
Acq: 12 Jul 2022 17:28

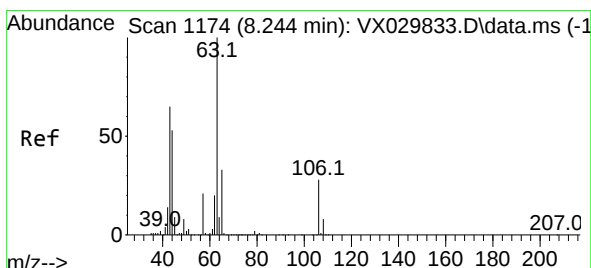
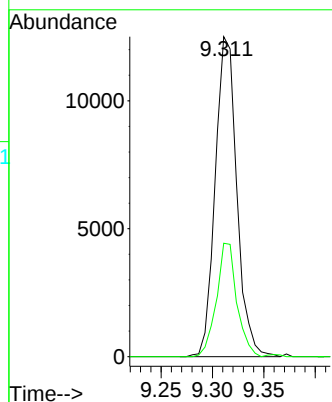
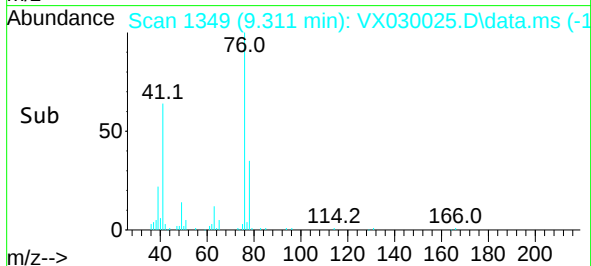
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2022



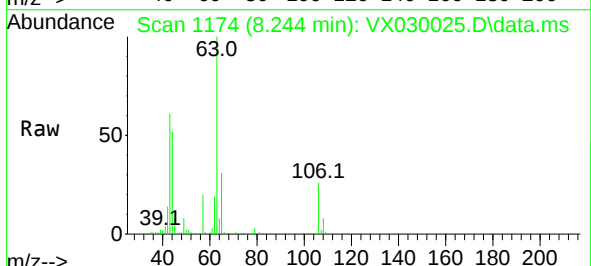
Tgt Ion: 76 Resp: 18228
Ion Ratio Lower Upper
76 100
78 33.5 25.9 38.9

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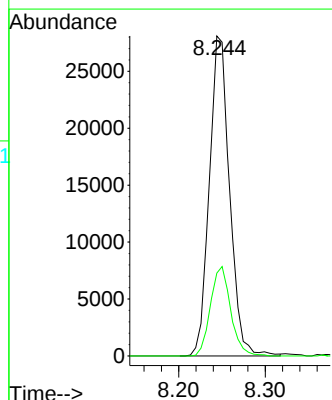
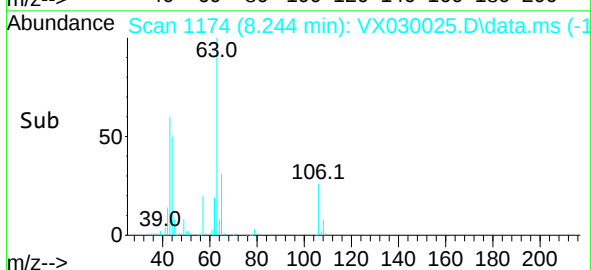
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

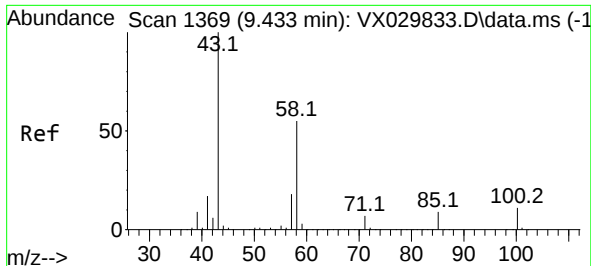


#58
2-Chloroethyl Vinyl ether
Concen: 25.096 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX030025.D
Acq: 12 Jul 2022 17:28



Tgt Ion: 63 Resp: 45621
Ion Ratio Lower Upper
63 100
106 27.9 22.2 33.2





#59

2-Hexanone

Concen: 26.508 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. -0.000 min

Lab File: VX030025.D

Acq: 12 Jul 2022 17:28

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2022

Tgt Ion: 43 Resp: 70220

Ion Ratio Lower Upper

43 100

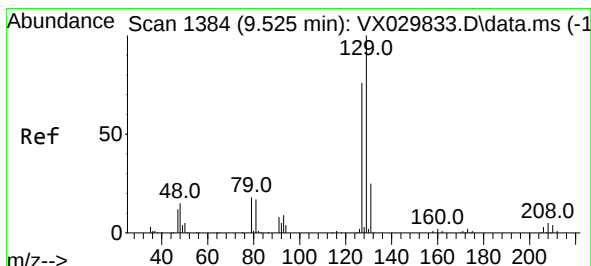
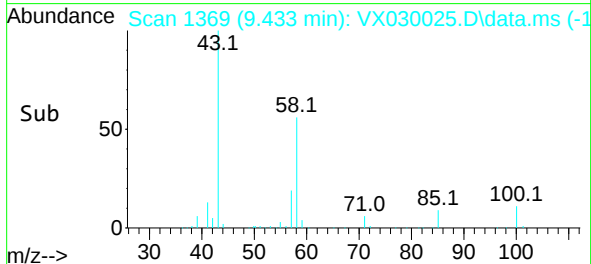
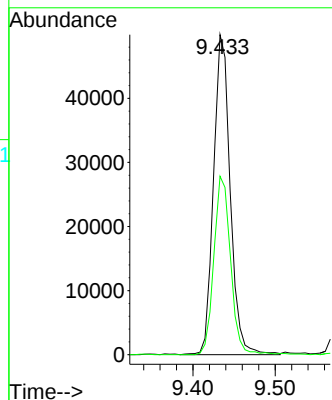
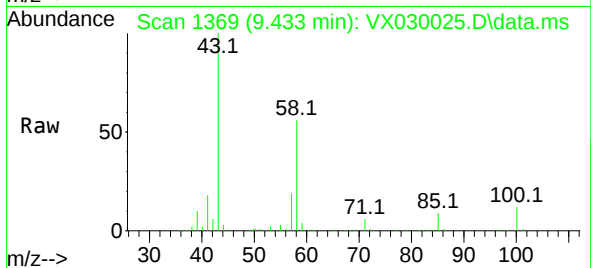
58 55.7 27.6 82.8

Manual Integrations

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Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#60

Dibromochloromethane

Concen: 5.250 ug/l

RT: 9.524 min Scan# 1384

Delta R.T. -0.001 min

Lab File: VX030025.D

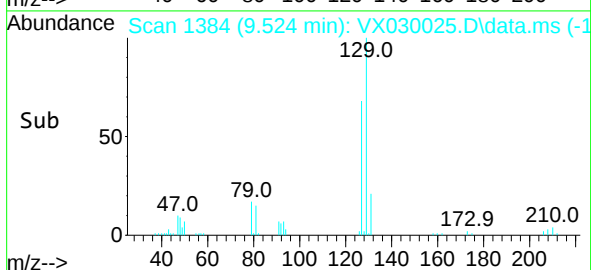
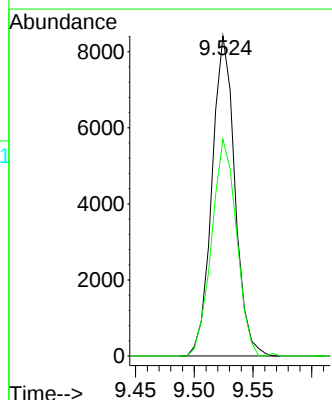
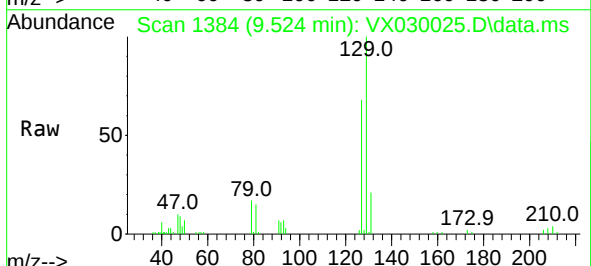
Acq: 12 Jul 2022 17:28

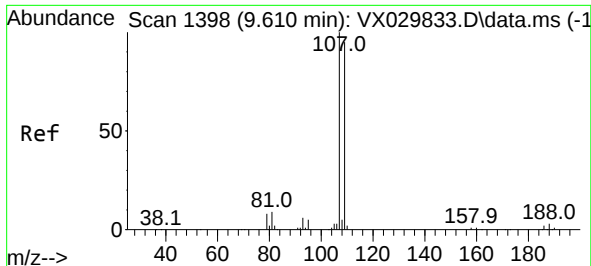
Tgt Ion:129 Resp: 11388

Ion Ratio Lower Upper

129 100

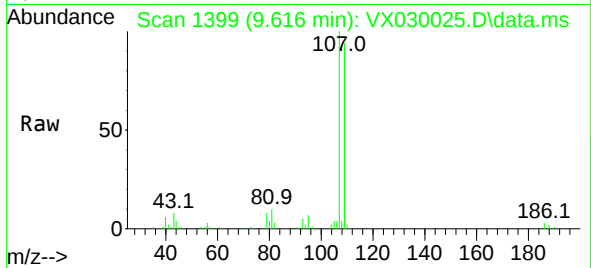
127 73.4 38.5 115.5





#61
1,2-Dibromoethane
Concen: 4.823 ug/l
RT: 9.616 min Scan# 11178
Delta R.T. 0.006 min
Lab File: VX030025.D
Acq: 12 Jul 2022 17:28

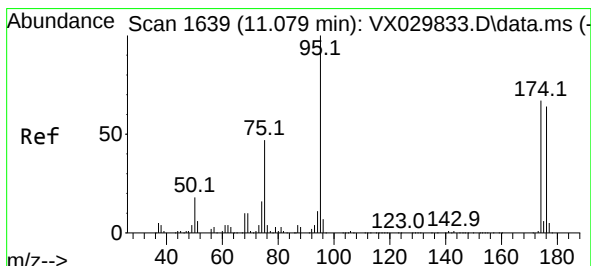
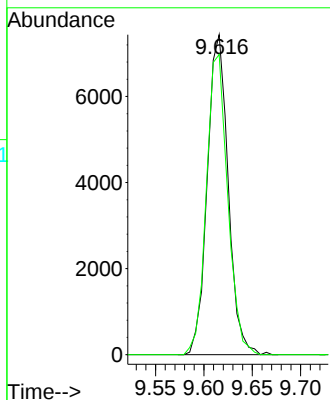
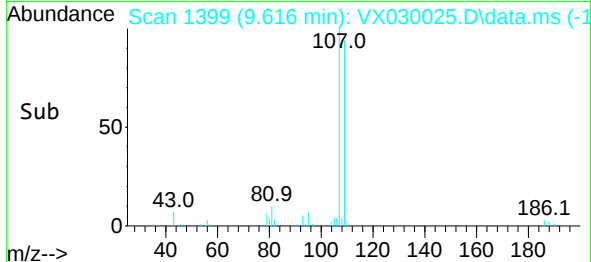
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion:107 Resp: 11178
Ion Ratio Lower Upper
107 100
109 95.9 76.6 114.8

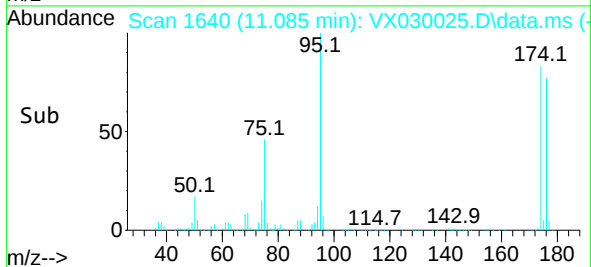
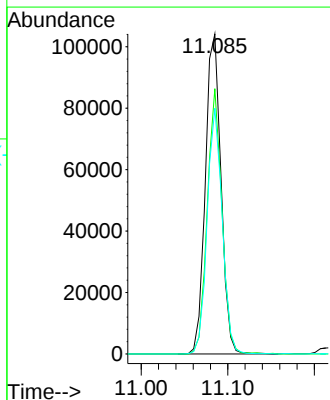
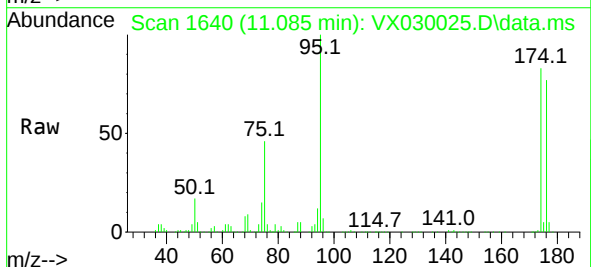
Manual Integrations
APPROVED

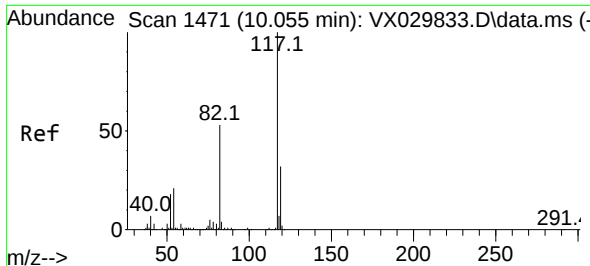
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#62
4-Bromofluorobenzene
Concen: 47.809 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX030025.D
Acq: 12 Jul 2022 17:28

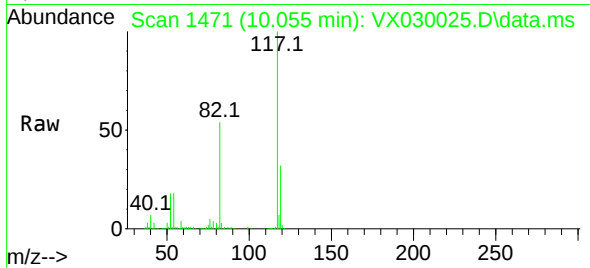
Tgt Ion: 95 Resp: 130509
Ion Ratio Lower Upper
95 100
174 77.8 0.0 149.0
176 74.0 0.0 146.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX030025.D
Acq: 12 Jul 2022 17:28

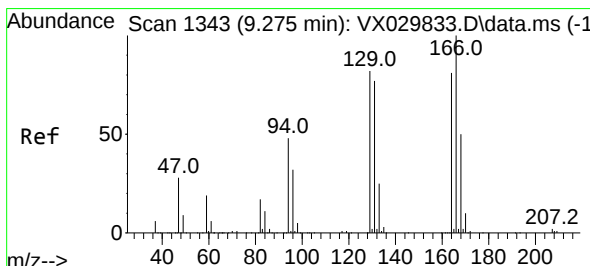
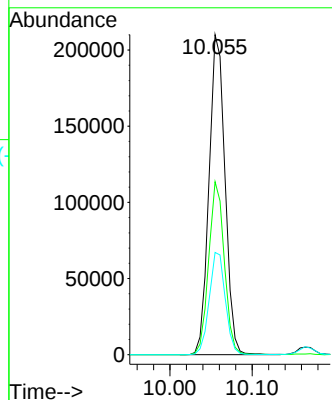
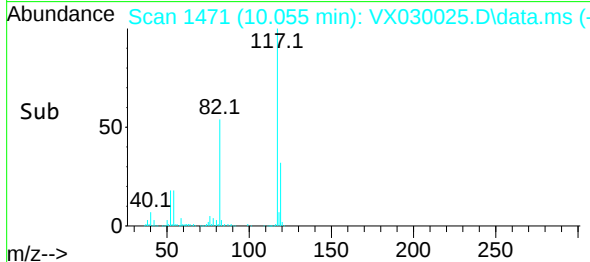
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2022



Tgt Ion:117 Resp: 28407
Ion Ratio Lower Upper
117 100
82 54.0 42.7 64.1
119 32.0 25.4 38.2

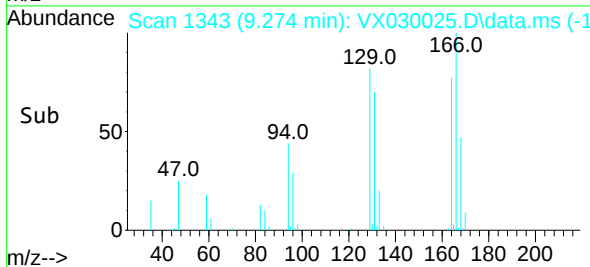
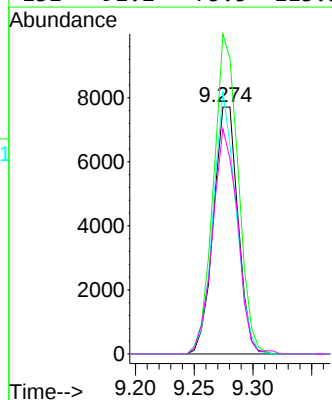
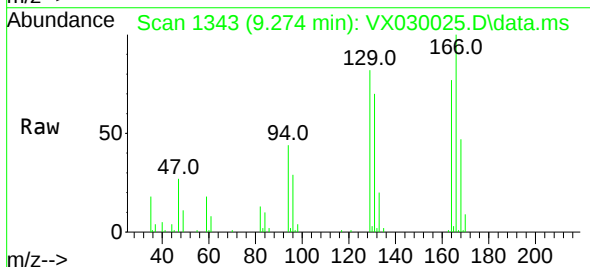
Manual Integrations
APPROVED

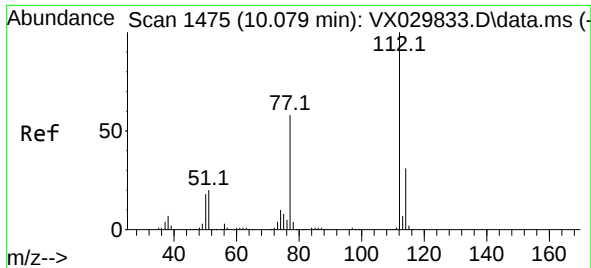
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#64
Tetrachloroethene
Concen: 4.922 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.001 min
Lab File: VX030025.D
Acq: 12 Jul 2022 17:28

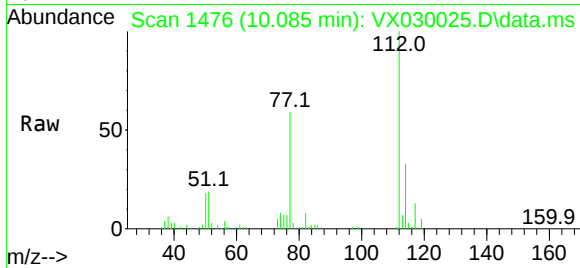
Tgt Ion:164 Resp: 11225
Ion Ratio Lower Upper
164 100
166 129.6 98.2 147.4
129 106.1 80.8 121.2
131 91.2 75.5 113.3





#65
Chlorobenzene
Concen: 5.022 ug/l
RT: 10.085 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VX030025.D
Acq: 12 Jul 2022 17:28

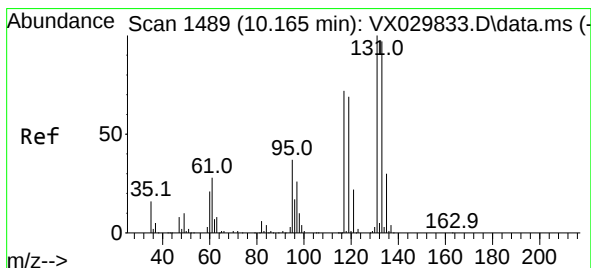
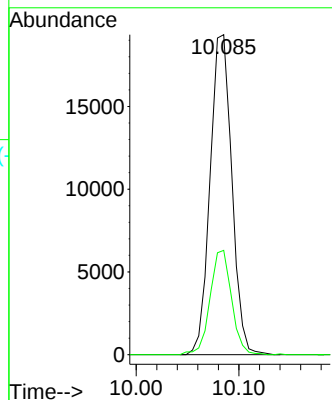
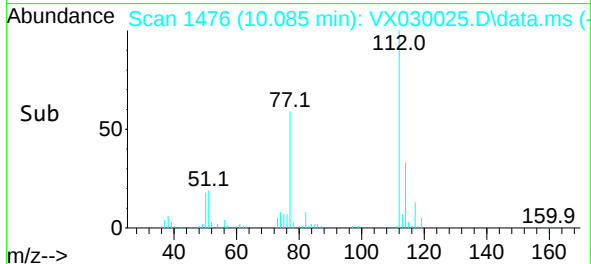
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2022



Tgt Ion:112 Resp: 2840
Ion Ratio Lower Upper
112 100
114 32.6 24.6 36.8

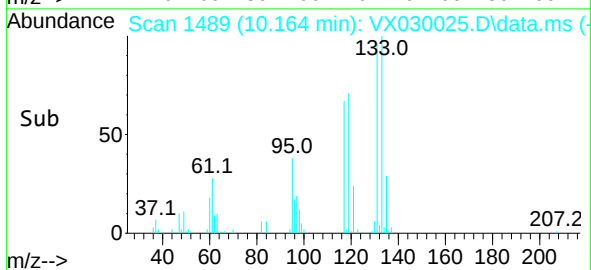
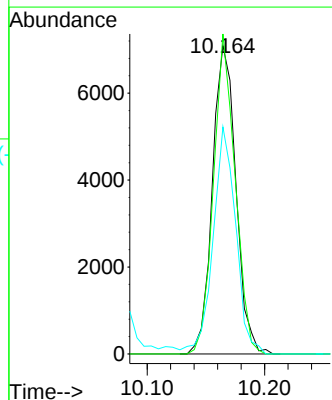
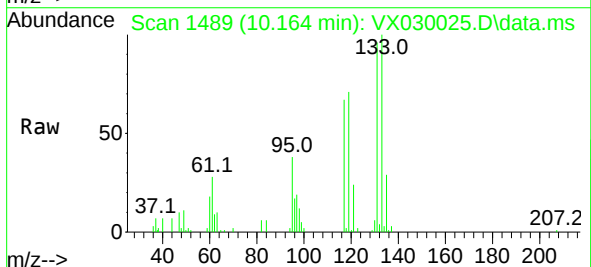
Manual Integrations
APPROVED

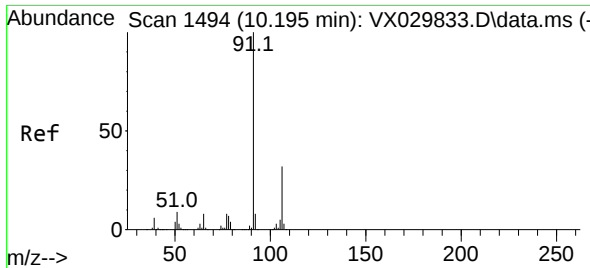
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 5.111 ug/l
RT: 10.164 min Scan# 1489
Delta R.T. -0.001 min
Lab File: VX030025.D
Acq: 12 Jul 2022 17:28

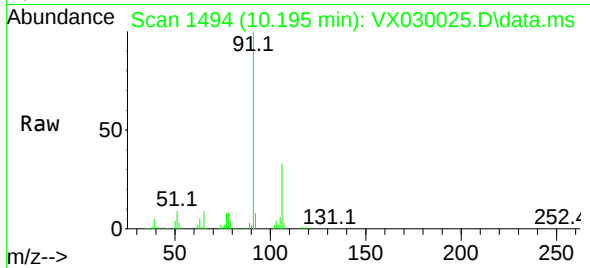
Tgt Ion:131 Resp: 9857
Ion Ratio Lower Upper
131 100
133 95.5 46.9 140.8
119 70.9 34.4 103.1





#67
Ethyl Benzene
Concen: 5.205 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX030025.D
Acq: 12 Jul 2022 17:28

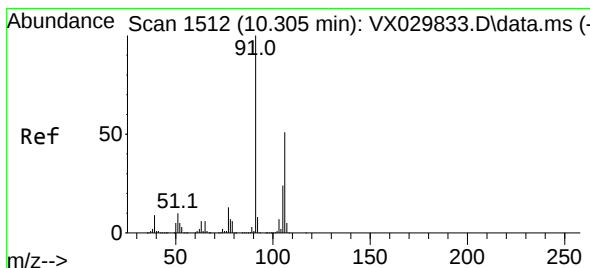
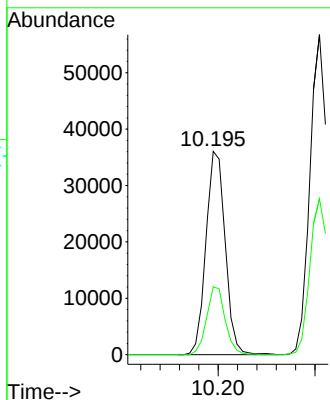
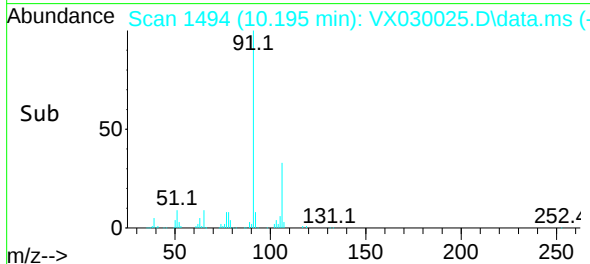
Instrument : MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion: 91 Resp: 4989
Ion Ratio Lower Upper
91 100
106 33.4 25.5 38.3

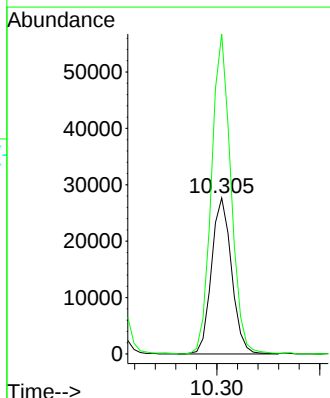
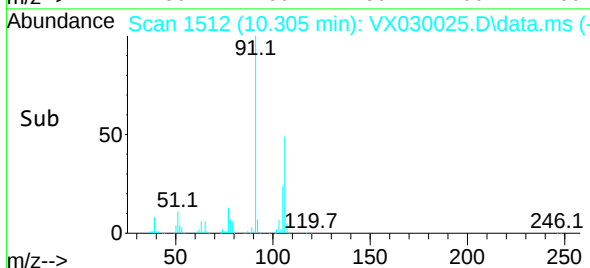
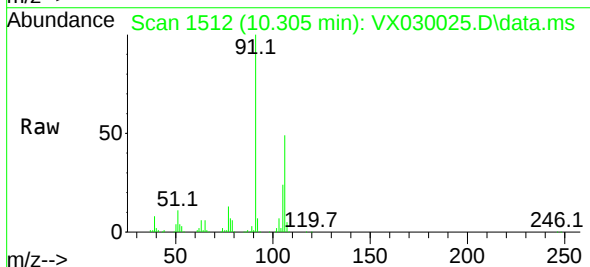
Manual Integrations
APPROVED

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



#68
m/p-Xylenes
Concen: 9.970 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX030025.D
Acq: 12 Jul 2022 17:28

Tgt Ion:106 Resp: 37491
Ion Ratio Lower Upper
106 100
91 199.1 158.2 237.4





#69

o-Xylene

Concen: 5.014 ug/l

RT: 10.646 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX030025.D

Acq: 12 Jul 2022 17:28

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2022

Tgt Ion:106 Resp: 1887

Ion Ratio Lower Upper

106 100

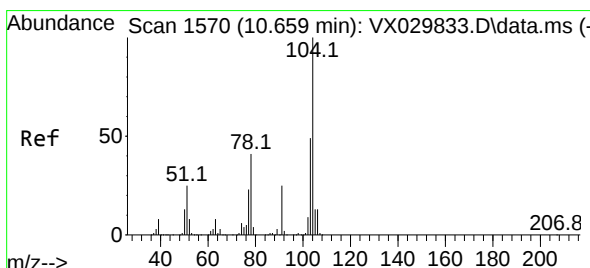
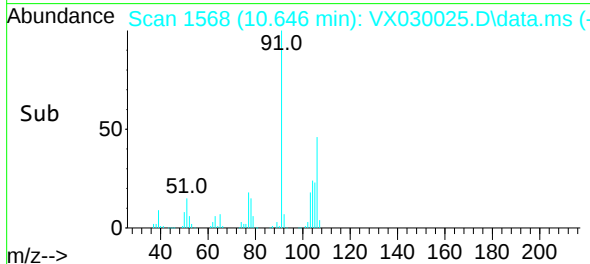
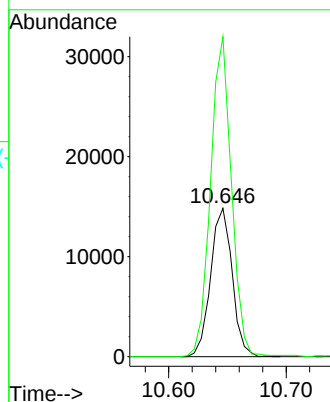
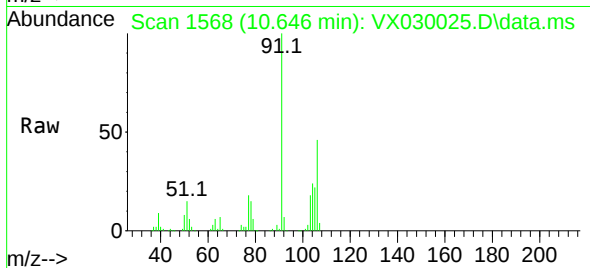
91 209.9 103.8 311.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#70

Styrene

Concen: 5.024 ug/l

RT: 10.658 min Scan# 1570

Delta R.T. -0.001 min

Lab File: VX030025.D

Acq: 12 Jul 2022 17:28

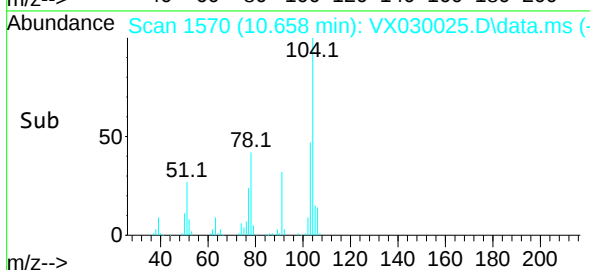
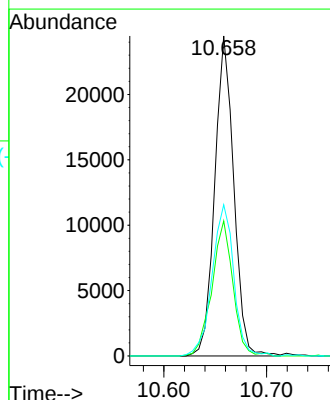
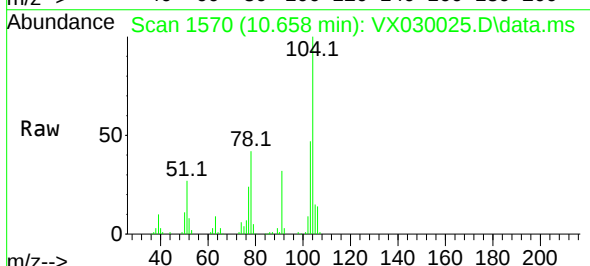
Tgt Ion:104 Resp: 31394

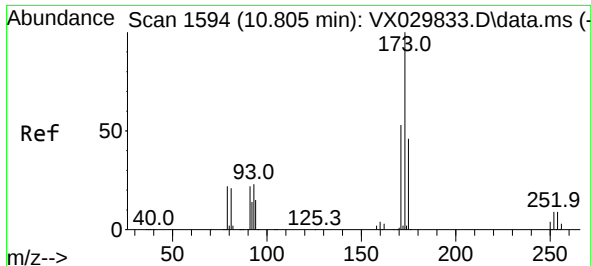
Ion Ratio Lower Upper

104 100

78 46.7 37.8 56.8

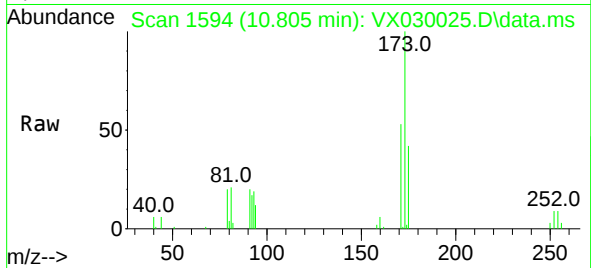
103 54.0 44.5 66.7





#71
Bromoform
Concen: 4.843 ug/l
RT: 10.805 min Scan# 1594
Delta R.T. -0.000 min
Lab File: VX030025.D
Acq: 12 Jul 2022 17:28

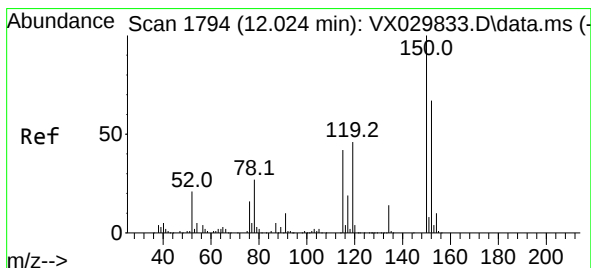
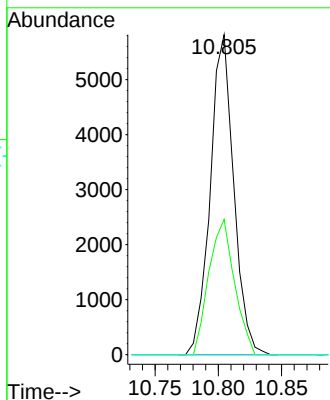
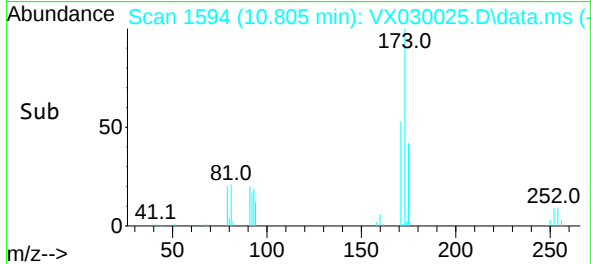
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2022



Tgt Ion:173 Resp: 7500
Ion Ratio Lower Upper
173 100
175 46.1 23.8 71.2
254 0.0 0.1 0.1

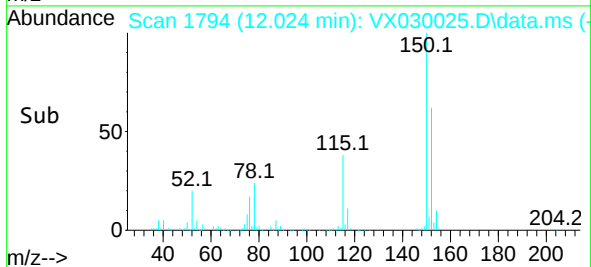
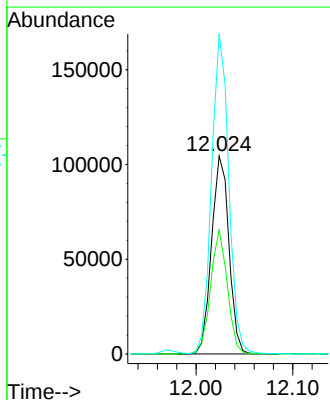
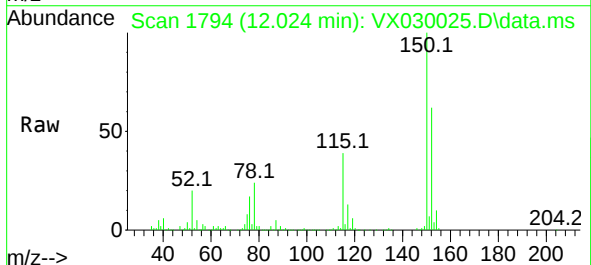
Manual Integrations
APPROVED

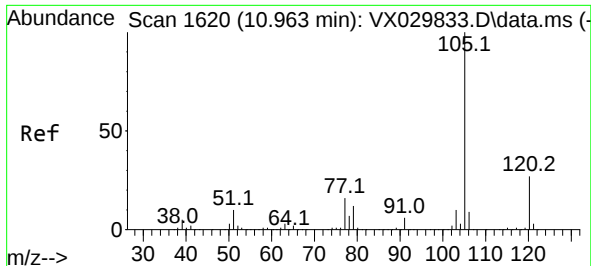
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX030025.D
Acq: 12 Jul 2022 17:28

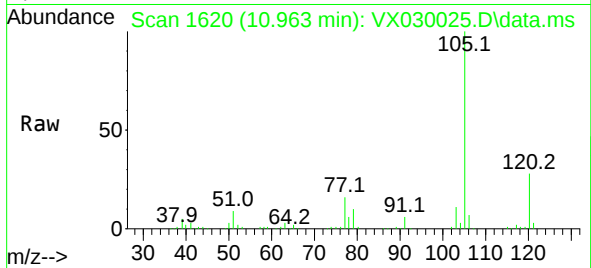
Tgt Ion:152 Resp: 130510
Ion Ratio Lower Upper
152 100
115 60.6 40.5 121.5
150 160.0 0.0 347.0





#73
Isopropylbenzene
Concen: 5.285 ug/l
RT: 10.963 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VX030025.D
Acq: 12 Jul 2022 17:28

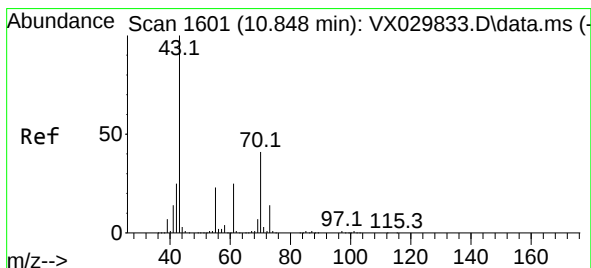
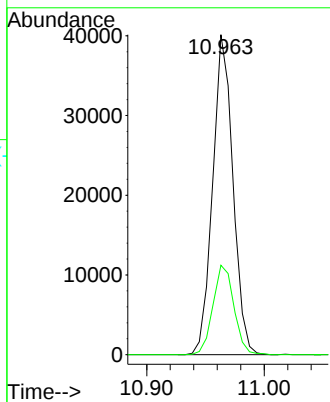
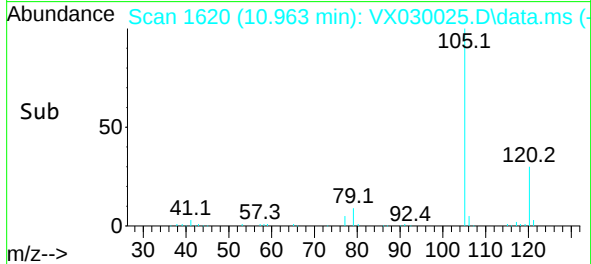
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2022



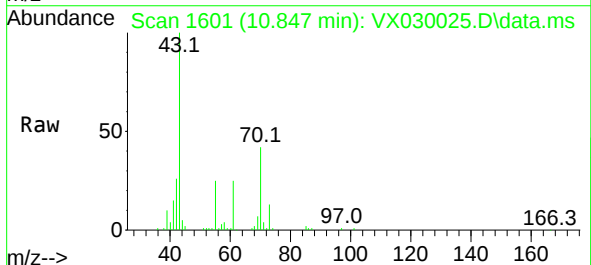
Tgt Ion:105 Resp: 4802
Ion Ratio Lower Upper
105 100
120 29.0 13.5 40.4

Manual Integrations
APPROVED

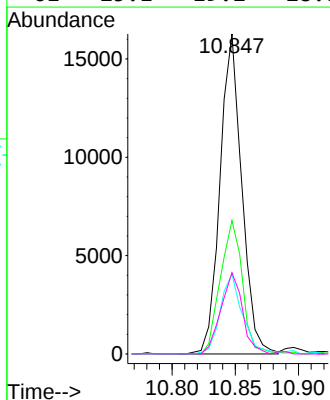
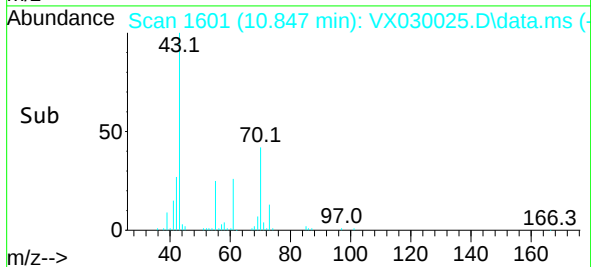
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

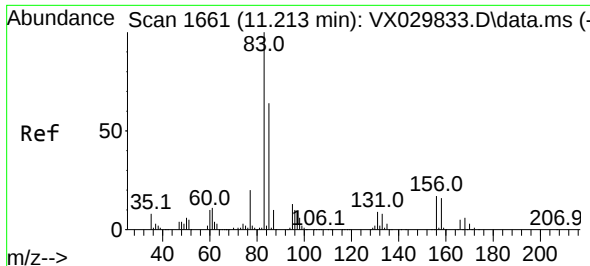


#74
N-ethyl acetate
Concen: 4.870 ug/l
RT: 10.847 min Scan# 1601
Delta R.T. -0.001 min
Lab File: VX030025.D
Acq: 12 Jul 2022 17:28



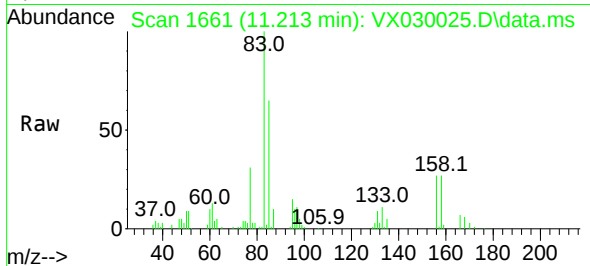
Tgt Ion: 43 Resp: 19439
Ion Ratio Lower Upper
43 100
70 42.3 32.3 48.5
55 26.3 18.4 27.6
61 25.1 19.2 28.8





#75
1,1,2,2-Tetrachloroethane
Concen: 5.596 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX030025.D
Acq: 12 Jul 2022 17:28

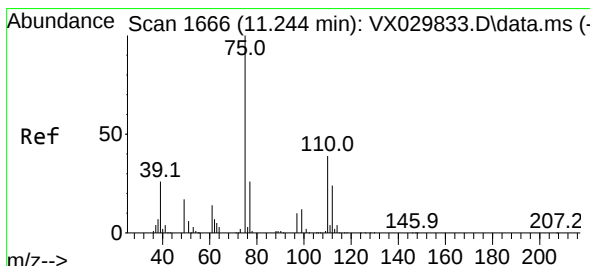
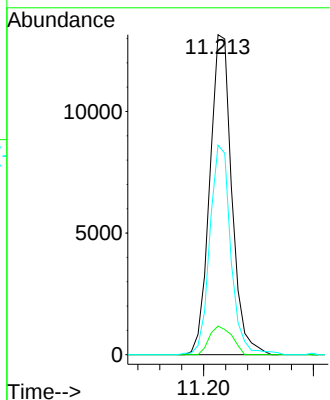
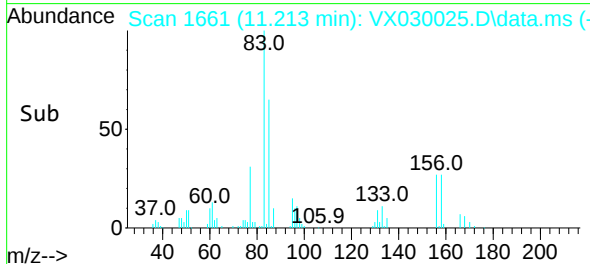
Instrument : MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2022



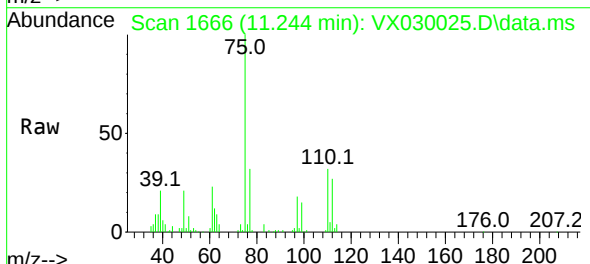
Tgt Ion: 83 Resp: 1834
Ion Ratio Lower Upper
83 100
131 9.2 4.5 13.7
85 62.5 32.5 97.5

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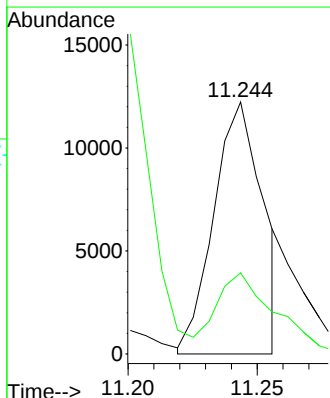
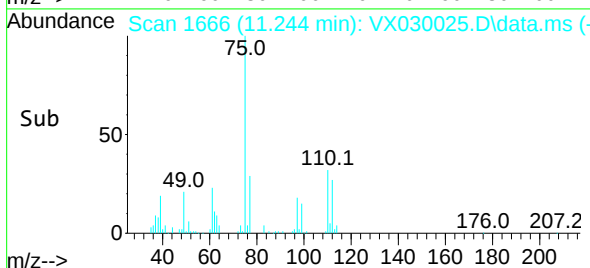
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

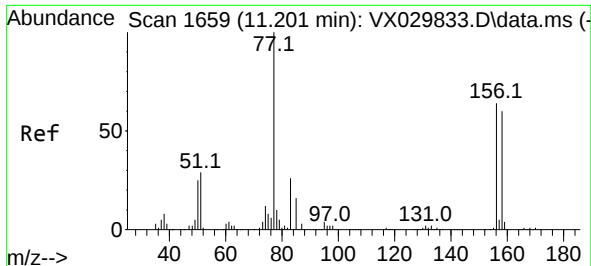


#76
1,2,3-Trichloropropane
Concen: 5.407 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VX030025.D
Acq: 12 Jul 2022 17:28



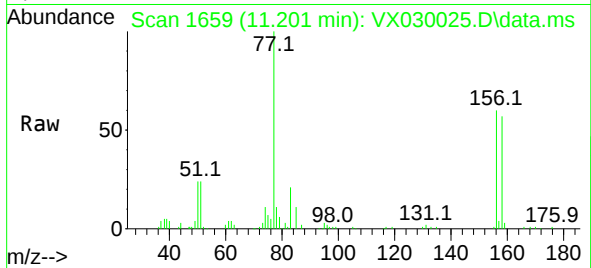
Tgt Ion: 75 Resp: 16225
Ion Ratio Lower Upper
75 100
77 38.5 19.8 59.3





#77
Bromobenzene
Concen: 5.303 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. -0.000 min
Lab File: VX030025.D
Acq: 12 Jul 2022 17:28

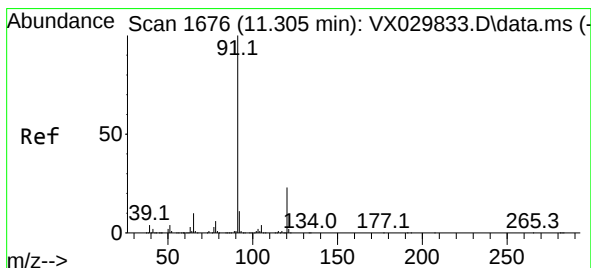
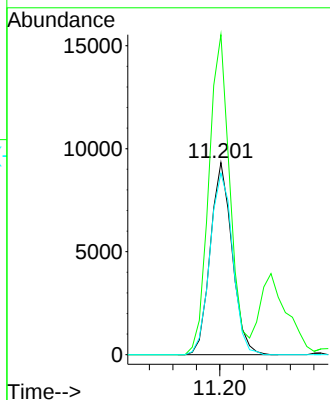
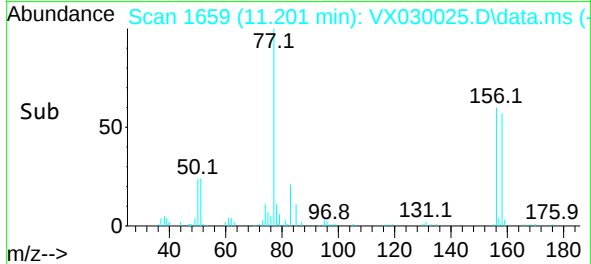
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2022



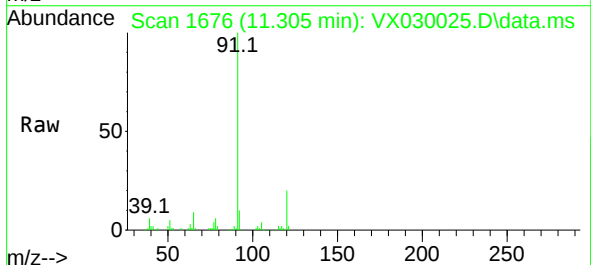
Tgt Ion:156 Resp: 12058
Ion Ratio Lower Upper
156 100
77 160.5 82.7 247.9
158 98.3 47.5 142.5

Manual Integrations
APPROVED

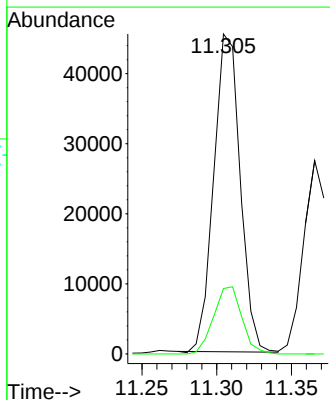
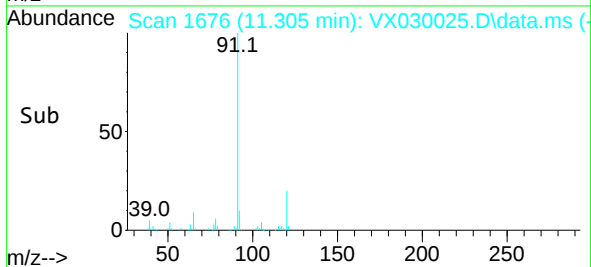
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

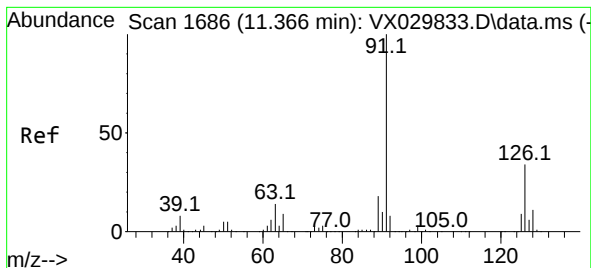


#78
n-propylbenzene
Concen: 5.170 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX030025.D
Acq: 12 Jul 2022 17:28



Tgt Ion: 91 Resp: 55733
Ion Ratio Lower Upper
91 100
120 22.6 11.6 34.8





#79

2-Chlorotoluene

Concen: 5.219 ug/l

RT: 11.365 min Scan# 1

Delta R.T. -0.001 min

Lab File: VX030025.D

Acq: 12 Jul 2022 17:28

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2022

Tgt Ion: 91 Resp: 33698

Ion Ratio Lower Upper

91 100

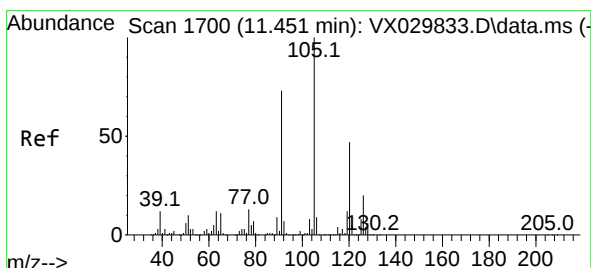
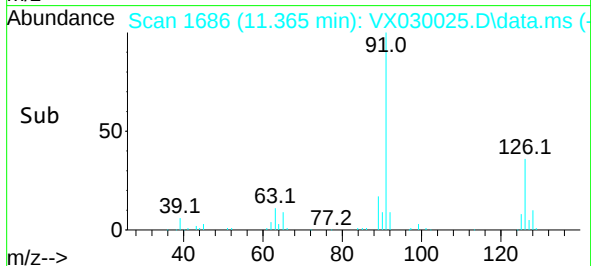
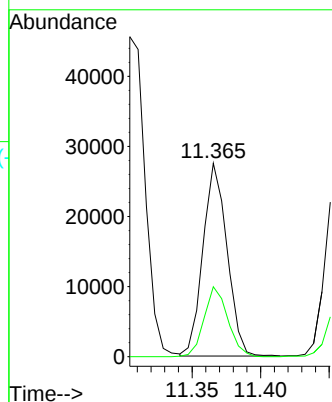
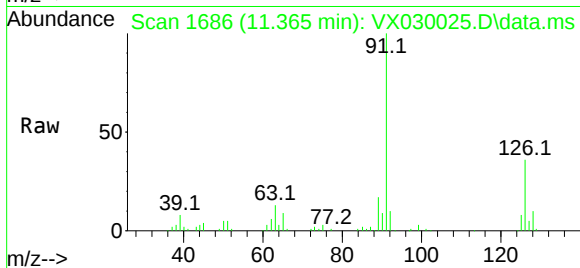
126 35.7 17.4 52.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#80

1,3,5-Trimethylbenzene

Concen: 5.168 ug/l

RT: 11.457 min Scan# 1701

Delta R.T. 0.006 min

Lab File: VX030025.D

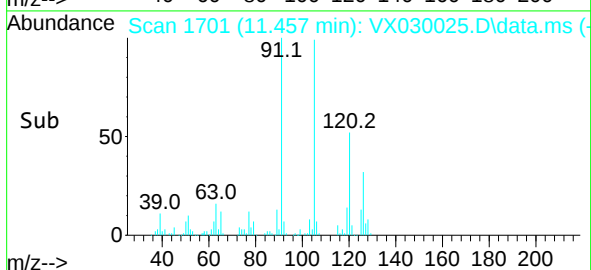
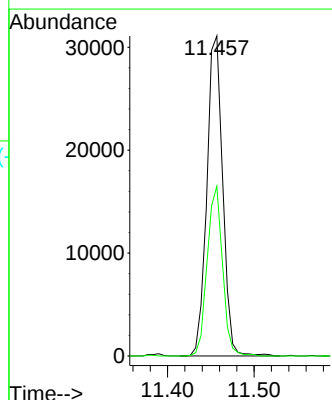
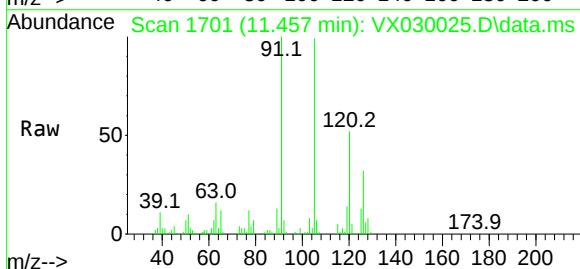
Acq: 12 Jul 2022 17:28

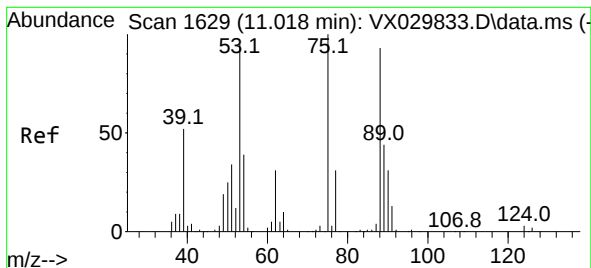
Tgt Ion:105 Resp: 39572

Ion Ratio Lower Upper

105 100

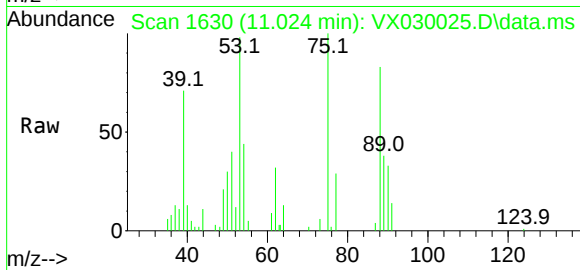
120 51.3 24.4 73.2





#81
trans-1,4-Dichloro-2-butene
Concen: 4.201 ug/l
RT: 11.024 min Scan# 1629
Delta R.T. 0.006 min
Lab File: VX030025.D
Acq: 12 Jul 2022 17:28

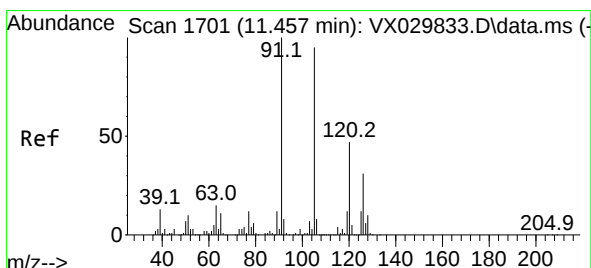
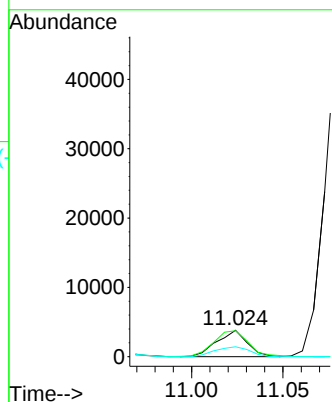
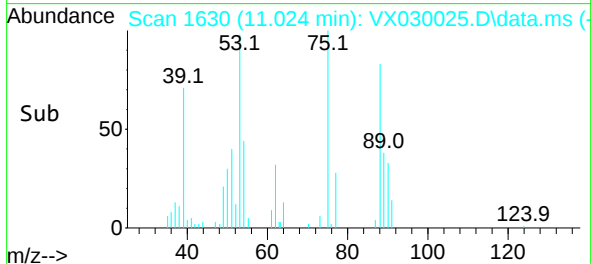
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2022



Tgt Ion: 75 Resp: 4368
Ion Ratio Lower Upper
75 100
53 113.6 74.2 111.4
89 43.1 34.8 52.2

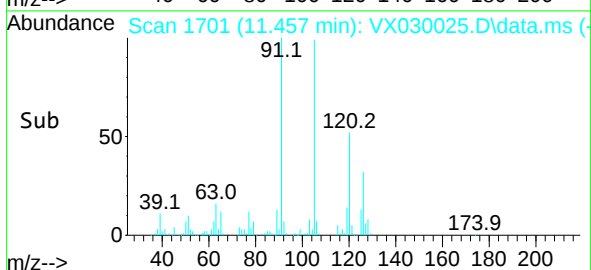
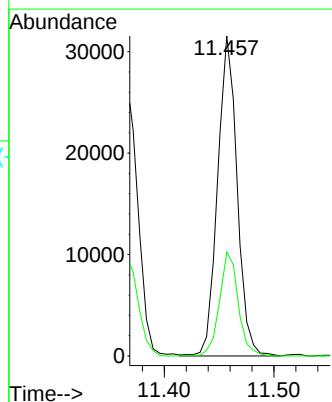
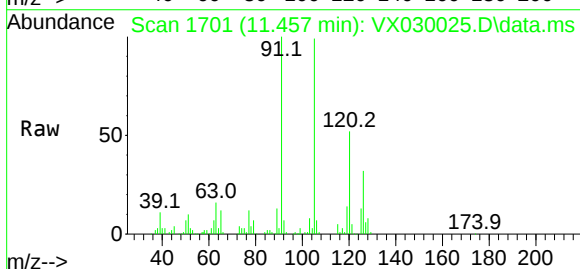
Manual Integrations
APPROVED

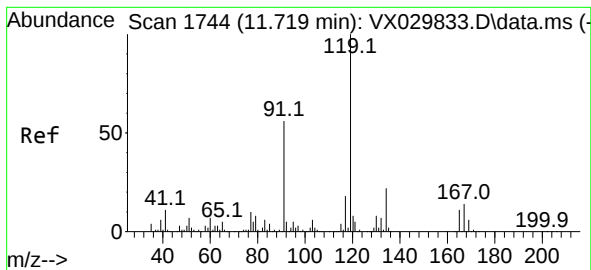
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#82
4-Chlorotoluene
Concen: 5.397 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX030025.D
Acq: 12 Jul 2022 17:28

Tgt Ion: 91 Resp: 39050
Ion Ratio Lower Upper
91 100
126 31.3 15.3 45.9





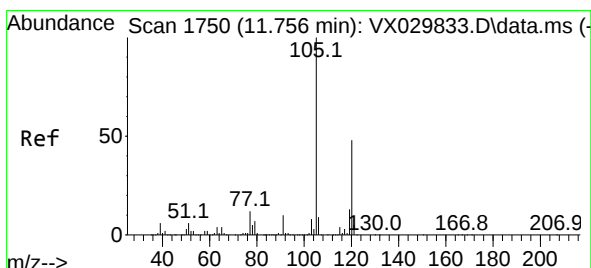
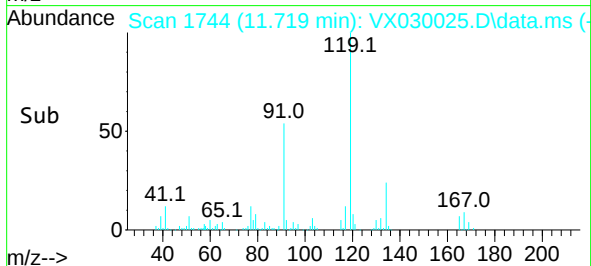
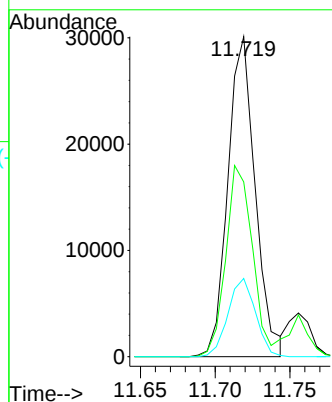
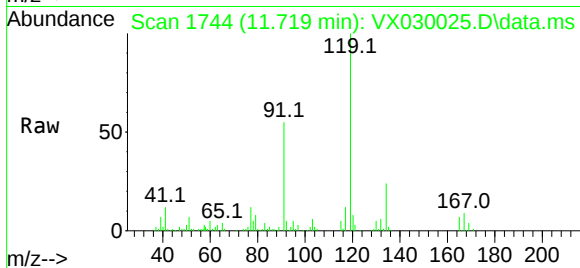
#83
tert-Butylbenzene
Concen: 5.213 ug/l
RT: 11.719 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VX030025.D
Acq: 12 Jul 2022 17:28

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

Tgt Ion:119 Resp: 38278
Ion Ratio Lower Upper
119 100
91 58.0 28.3 84.9
134 24.6 11.2 33.5

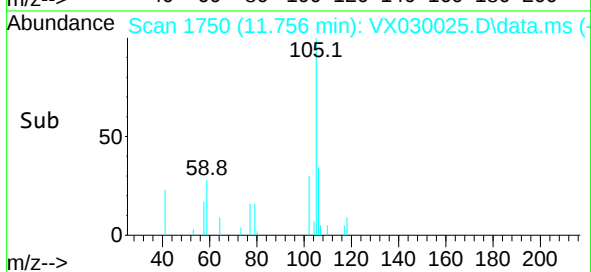
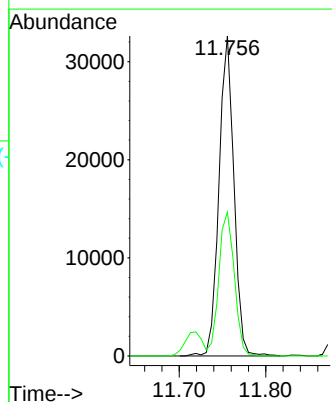
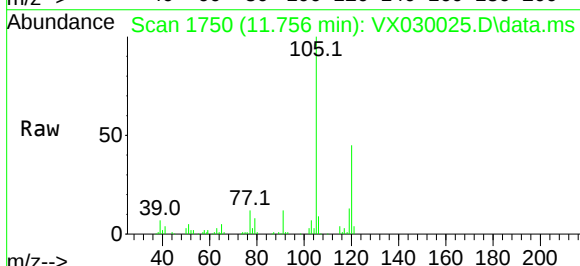
Manual Integrations
APPROVED

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



#84
1,2,4-Trimethylbenzene
Concen: 5.151 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX030025.D
Acq: 12 Jul 2022 17:28

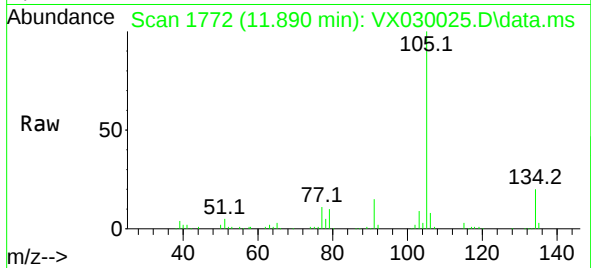
Tgt Ion:105 Resp: 39015
Ion Ratio Lower Upper
105 100
120 46.7 22.9 68.8





#85
 sec-Butylbenzene
 Concen: 5.103 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX030025.D
 Acq: 12 Jul 2022 17:28

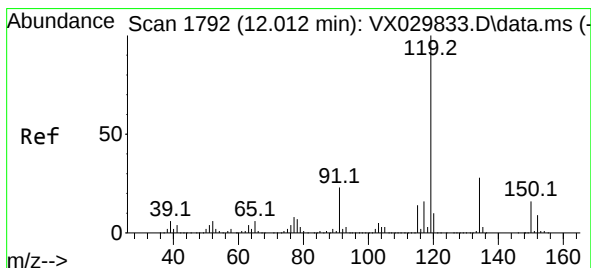
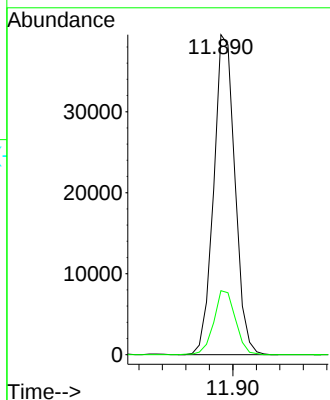
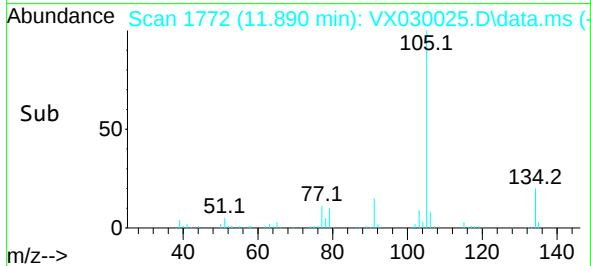
Instrument : MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT2-2022



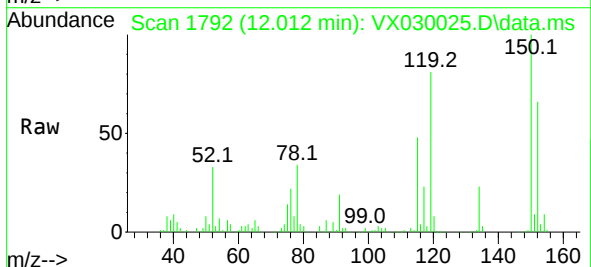
Tgt Ion:105 Resp: 4954
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.0 30.0

Manual Integrations
 APPROVED

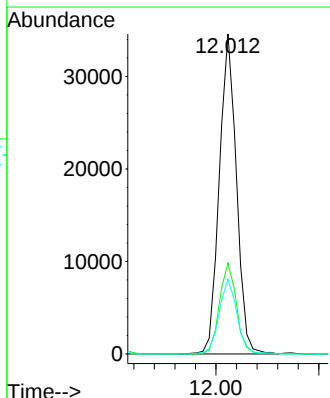
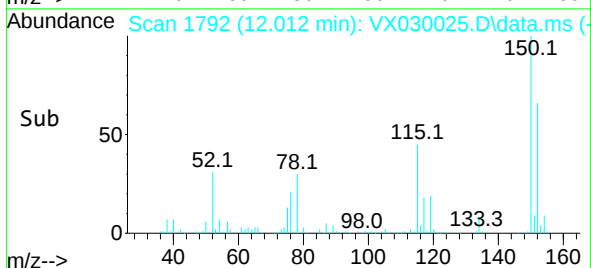
Reviewed By :John Carlone 07/13/2022
 Supervised By :Mahesh Dadoda 07/13/2022



#86
 p-Isopropyltoluene
 Concen: 5.123 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX030025.D
 Acq: 12 Jul 2022 17:28



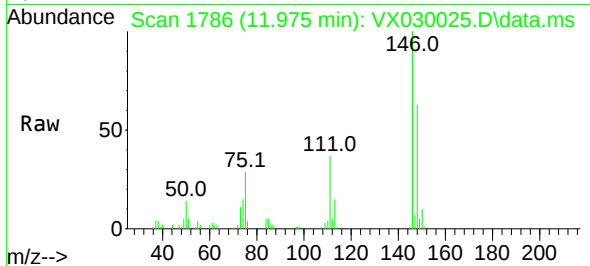
Tgt Ion:119 Resp: 39898
 Ion Ratio Lower Upper
 119 100
 134 28.1 13.9 41.6
 91 24.5 11.8 35.3





#87
1,3-Dichlorobenzene
Concen: 5.323 ug/l
RT: 11.975 min Scan# 1786
Delta R.T. 0.006 min
Lab File: VX030025.D
Acq: 12 Jul 2022 17:28

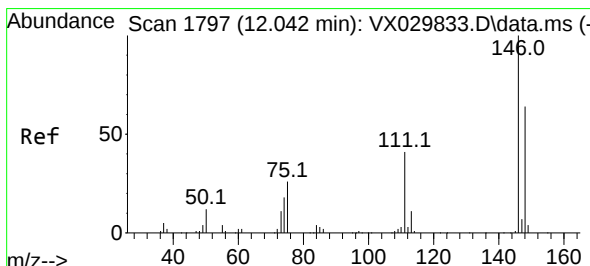
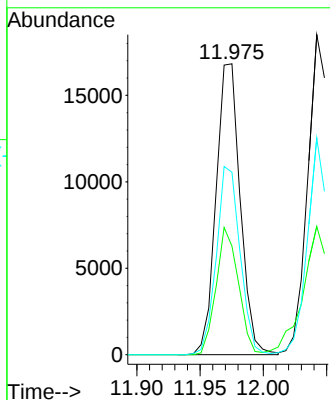
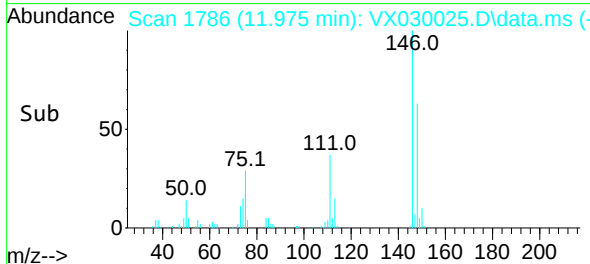
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2022



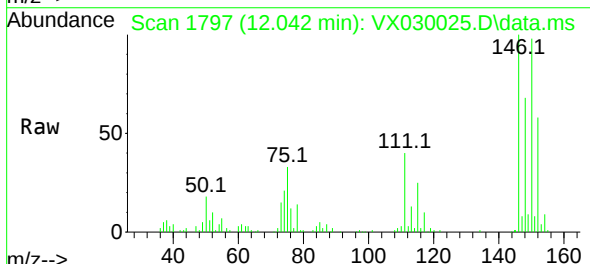
Tgt Ion:146 Resp: 2236
Ion Ratio Lower Upper
146 100
111 40.2 20.3 60.8
148 63.3 31.8 95.3

Manual Integrations
APPROVED

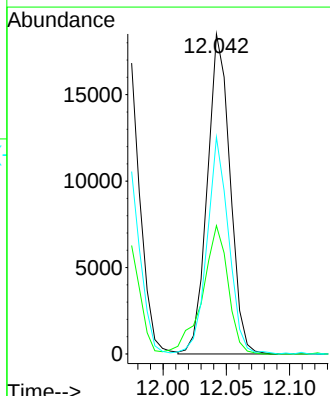
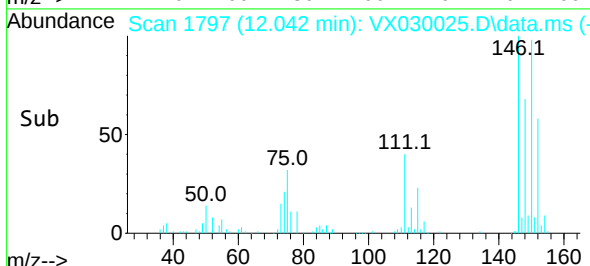
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#88
1,4-Dichlorobenzene
Concen: 5.367 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX030025.D
Acq: 12 Jul 2022 17:28



Tgt Ion:146 Resp: 23136
Ion Ratio Lower Upper
146 100
111 45.3 20.3 60.9
148 64.7 32.3 96.8





#89

n-Butylbenzene

Concen: 5.082 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX030025.D

Acq: 12 Jul 2022 17:28

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2022

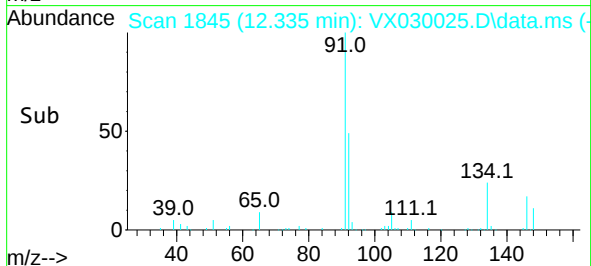
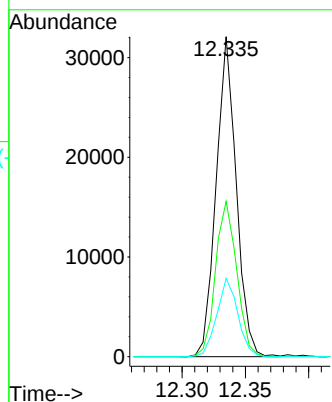
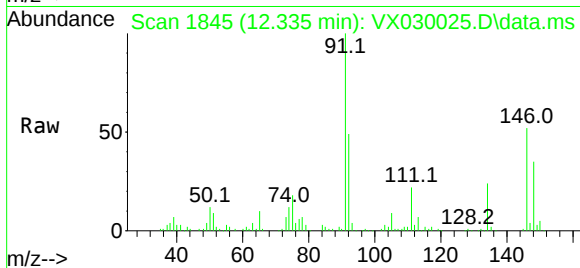
Tgt Ion: 91	Resp: 3546
Ion Ratio	Lower Upper
91 100	
92 51.0	26.2 78.5
134 25.6	12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#90

Hexachloroethane

Concen: 4.989 ug/l

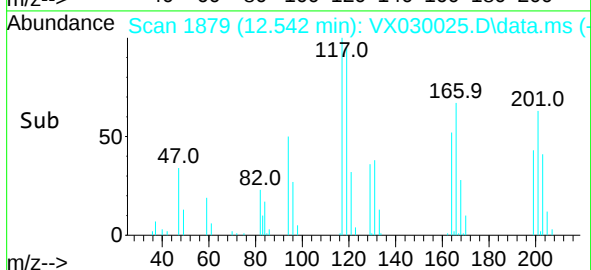
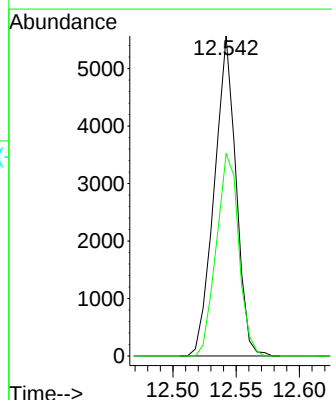
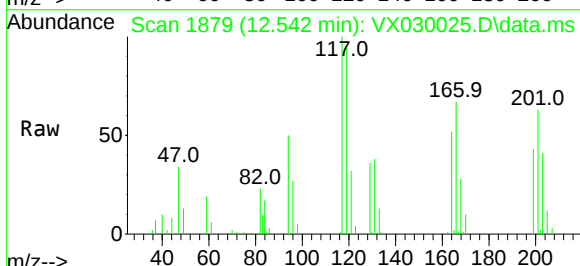
RT: 12.542 min Scan# 1879

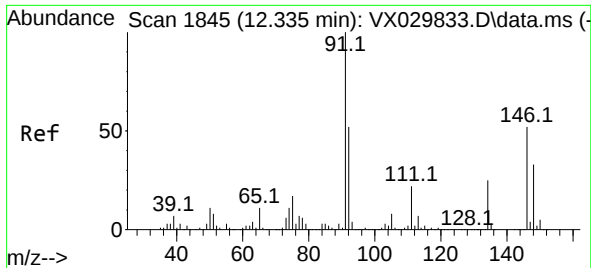
Delta R.T. 0.000 min

Lab File: VX030025.D

Acq: 12 Jul 2022 17:28

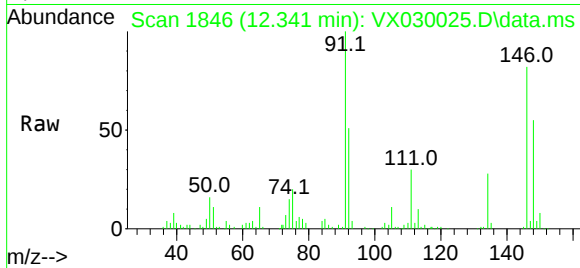
Tgt Ion:117	Resp: 6642
Ion Ratio	Lower Upper
117 100	
201 65.2	34.2 102.5





#91
1,2-Dichlorobenzene
Concen: 5.206 ug/l
RT: 12.341 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX030025.D
Acq: 12 Jul 2022 17:28

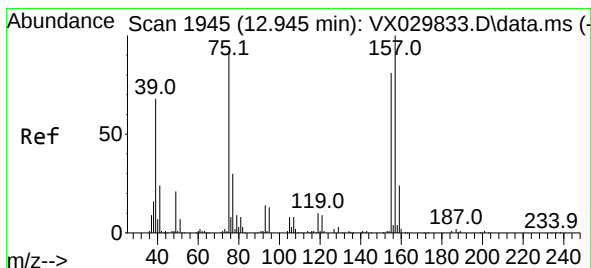
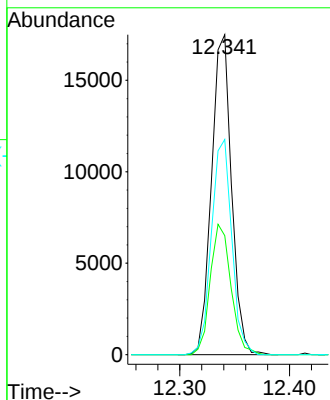
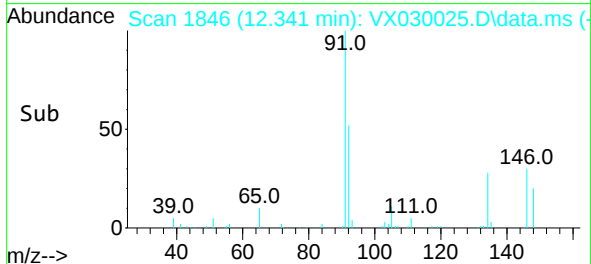
Instrument : MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2022



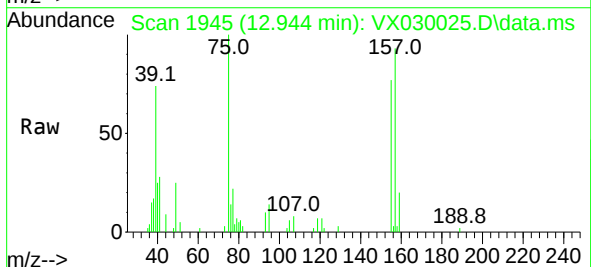
Tgt Ion:146 Resp: 22218
Ion Ratio Lower Upper
146 100
111 42.1 20.7 62.1
148 68.3 32.0 96.2

Manual Integrations
APPROVED

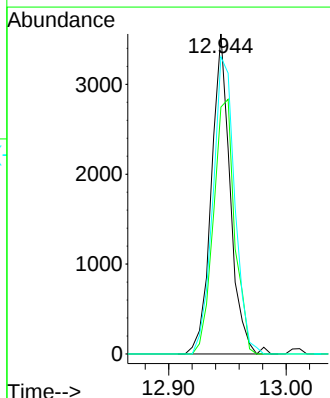
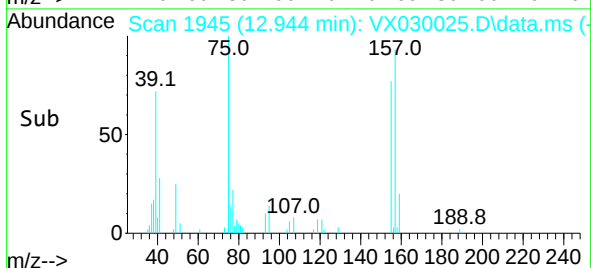
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

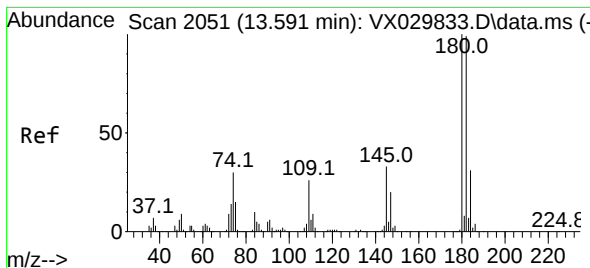


#92
1,2-Dibromo-3-Chloropropane
Concen: 5.279 ug/l
RT: 12.944 min Scan# 1945
Delta R.T. -0.001 min
Lab File: VX030025.D
Acq: 12 Jul 2022 17:28



Tgt Ion: 75 Resp: 3952
Ion Ratio Lower Upper
75 100
155 90.1 45.0 134.8
157 108.1 56.9 170.7





#93

1,2,4-Trichlorobenzene

Concen: 5.061 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. -0.000 min

Lab File: VX030025.D

Acq: 12 Jul 2022 17:28

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2022

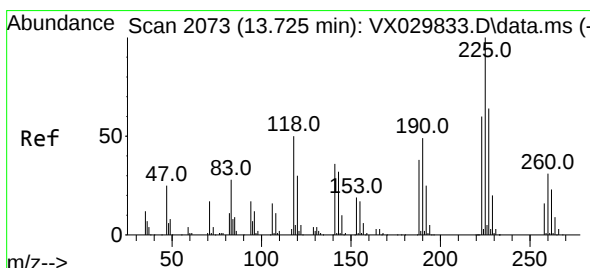
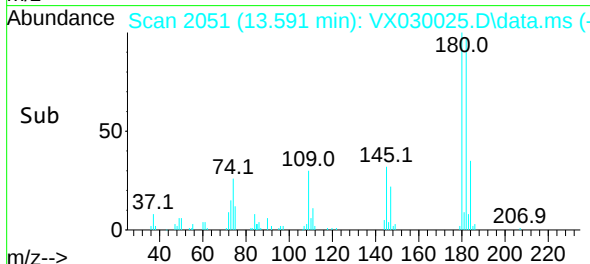
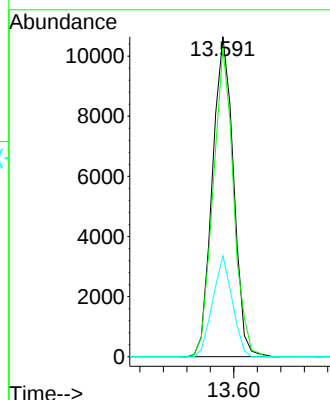
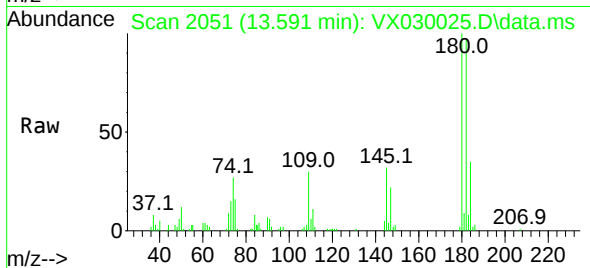
Tgt Ion:180	Resp:	1326
Ion Ratio	Lower	Upper
180	100	
182	93.8	48.2 144.6
145	29.3	15.9 47.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#94

Hexachlorobutadiene

Concen: 4.803 ug/l

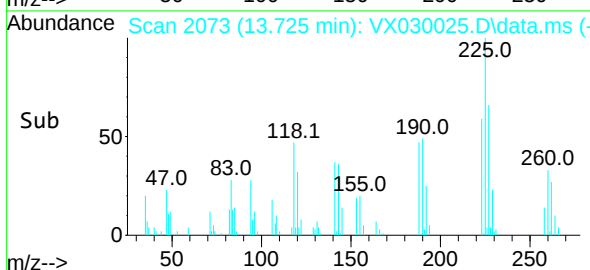
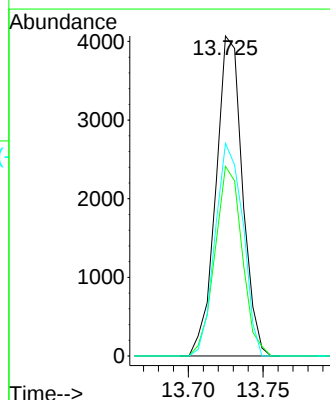
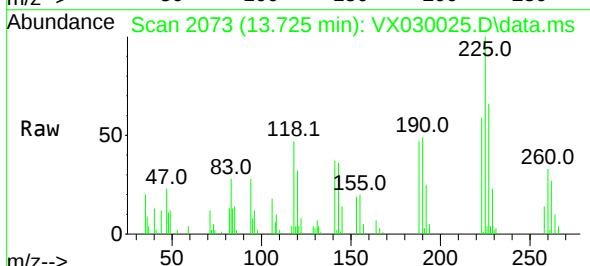
RT: 13.725 min Scan# 2073

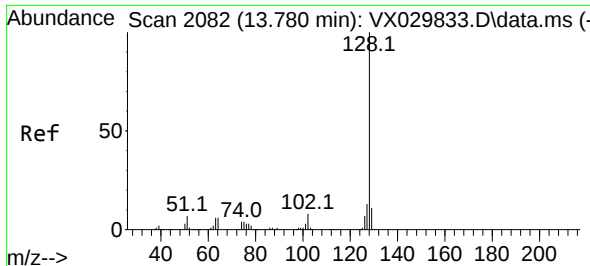
Delta R.T. -0.000 min

Lab File: VX030025.D

Acq: 12 Jul 2022 17:28

Tgt Ion:225	Resp:	5027
Ion Ratio	Lower	Upper
225	100	
223	60.6	30.6 91.6
227	69.3	31.9 95.9





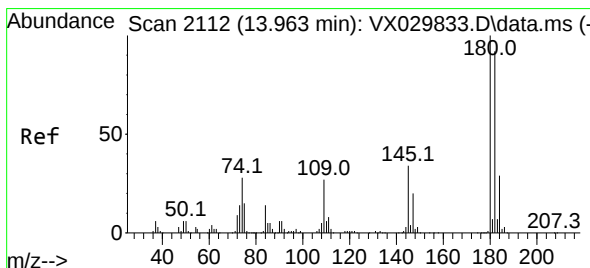
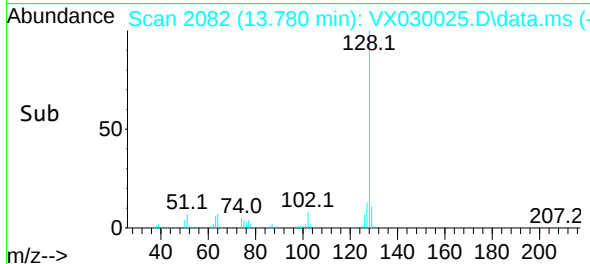
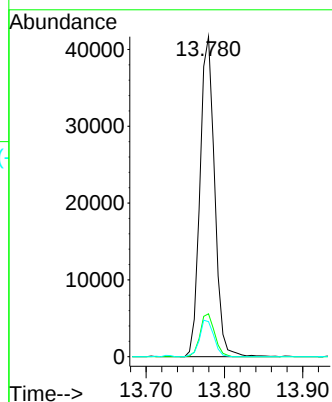
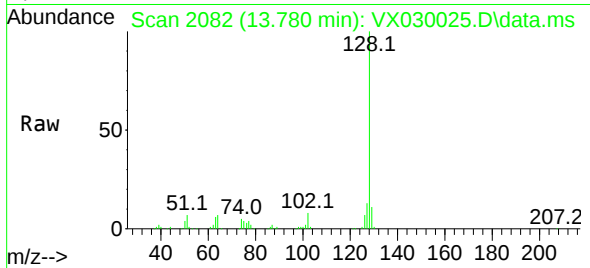
#95
Naphthalene
Concen: 5.203 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX030025.D
Acq: 12 Jul 2022 17:28

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

Tgt Ion:128 Resp: 5413
Ion Ratio Lower Upper
128 100
127 13.3 10.2 15.2
129 11.1 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: 5.325 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX030025.D
Acq: 12 Jul 2022 17:28

Tgt Ion:180 Resp: 14205
Ion Ratio Lower Upper
180 100
182 91.0 47.0 141.0
145 34.9 17.0 50.9

