

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072123\
 Data File : VX036615.D
 Acq On : 21 Jul 2023 17:41
 Operator : JC/MD
 Sample : 03572-07 2.5PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Jul 22 05:13:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/24/2023
 Supervised By : Mahesh Dadoda 07/24/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	78634	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	134425	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	110213	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	48984	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	41040	35.273	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	70.540%#		
35) Dibromofluoromethane	5.385	113	40564	43.902	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	87.800%		
50) Toluene-d8	8.647	98	156835	47.865	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.740%		
62) 4-Bromofluorobenzene	11.079	95	52855	42.756	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	85.520%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	2777	2.673	ug/l	99
3) Chloromethane	1.294	50	2771	2.933	ug/l	93
4) Vinyl Chloride	1.374	62	2660	2.765	ug/l	92
5) Bromomethane	1.611	94	1618	2.817	ug/l	89
6) Chloroethane	1.678	64	699	1.495	ug/l #	78
7) Trichlorofluoromethane	1.880	101	3912	2.633	ug/l	98
8) Diethyl Ether	2.142	74	1280	2.227	ug/l	75
9) 1,1,2-Trichlorotrifluo...	2.325	101	2486	2.785	ug/l #	89
10) Methyl Iodide	2.447	142	1802	1.944	ug/l	91
11) Tert butyl alcohol	3.001	59	325	1.180	ug/l #	78
12) 1,1-Dichloroethene	2.312	96	2568	2.916	ug/l	88
13) Acrolein	2.239	56	1068	6.794	ug/l #	78
14) Allyl chloride	2.660	41	4065	2.345	ug/l #	93
15) Acrylonitrile	3.087	53	3565	6.436	ug/l	91
16) Acetone	2.398	43	3294	6.823	ug/l	98
17) Carbon Disulfide	2.508	76	7115	2.928	ug/l	99
18) Methyl Acetate	2.709	43	2445	1.204	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	5222	1.578	ug/l #	89
20) Methylene Chloride	2.794	84	2734	2.546	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	2727	2.771	ug/l	85
22) Diisopropyl ether	3.770	45	7596	2.307	ug/l #	92
23) Vinyl Acetate	3.733	43	18948	7.503	ug/l	99
24) 1,1-Dichloroethane	3.611	63	4674	2.532	ug/l	93
25) 2-Butanone	4.586	43	4242	5.415	ug/l	99
26) 2,2-Dichloropropane	4.483	77	4581	2.634	ug/l	93
27) cis-1,2-Dichloroethene	4.495	96	3080	2.635	ug/l	86
28) Bromochloromethane	4.903	49	1488	1.667	ug/l #	90
29) Tetrahydrofuran	5.025	42	2992	5.924	ug/l	94
30) Chloroform	5.099	83	4748	2.514	ug/l	87
31) Cyclohexane	5.464	56	4411	2.738	ug/l	92
32) 1,1,1-Trichloroethane	5.385	97	4613	2.666	ug/l	96
36) 1,1-Dichloropropene	5.702	75	3651	2.651	ug/l	94
37) Ethyl Acetate	4.727	43	1636	1.050	ug/l #	80
38) Carbon Tetrachloride	5.678	117	3743	2.556	ug/l	94
39) Methylcyclohexane	7.385	83	4915	2.870	ug/l	96
40) Benzene	6.043	78	10122	2.526	ug/l	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.940	41	1011	1.213	ug/l #	47
42) 1,2-Dichloroethane	6.092	62	2931	2.001	ug/l	83
43) Isopropyl Acetate	6.342	43	3381	1.260	ug/l	99
44) Trichloroethene	7.129	130	2655	2.535	ug/l	85
45) 1,2-Dichloropropane	7.433	63	2330	2.178	ug/l	100
46) Dibromomethane	7.592	93	1310	1.750	ug/l	93
47) Bromodichloromethane	7.824	83	3549	2.309	ug/l #	97
48) Methyl methacrylate	7.708	41	1477	1.184	ug/l #	75
49) 1,4-Dioxane	7.708	88	947	37.567	ug/l #	94
51) 4-Methyl-2-Pentanone	8.574	43	8356	5.628	ug/l	97
52) Toluene	8.720	92	6488	2.584	ug/l	97
53) t-1,3-Dichloropropene	8.988	75	2989	1.721	ug/l	95
54) cis-1,3-Dichloropropene	8.372	75	3676	2.006	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	1892	1.793	ug/l	97
56) Ethyl methacrylate	9.122	69	2769	1.611	ug/l	88
57) 1,3-Dichloropropane	9.311	76	3099	1.763	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.244	63	5662	6.687	ug/l	98
59) 2-Hexanone	9.439	43	5863	5.320	ug/l	96
60) Dibromochloromethane	9.518	129	1989	1.715	ug/l	96
61) 1,2-Dibromoethane	9.616	107	1717	1.570	ug/l	96
64) Tetrachloroethene	9.275	164	2408	2.929	ug/l	95
65) Chlorobenzene	10.079	112	6264	2.578	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	2246	2.392	ug/l	99
67) Ethyl Benzene	10.195	91	11662	2.628	ug/l	99
68) m/p-Xylenes	10.305	106	8939	5.398	ug/l	99
69) o-Xylene	10.640	106	4185	2.532	ug/l	92
70) Styrene	10.659	104	6577	2.412	ug/l	99
71) Bromoform	10.805	173	1083	1.425	ug/l #	99
73) Isopropylbenzene	10.963	105	11699	2.886	ug/l	98
74) N-amyl acetate	10.848	43	3021	1.598	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	2332	1.703	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	1902	1.651	ug/l	87
77) Bromobenzene	11.201	156	2158	2.338	ug/l	90
78) n-propylbenzene	11.305	91	13223	2.820	ug/l	99
79) 2-Chlorotoluene	11.366	91	7653	2.694	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	9415	2.776	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.079	75	26797	52.716	ug/l #	5
82) 4-Chlorotoluene	11.457	91	8323	2.571	ug/l	99
83) tert-Butylbenzene	11.713	119	9249	2.776	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	8941	2.636	ug/l	96
85) sec-Butylbenzene	11.890	105	11625	2.798	ug/l	99
86) p-Isopropyltoluene	12.012	119	9304	2.721	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	4419	2.584	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	4465	2.631	ug/l	87
89) n-Butylbenzene	12.335	91	8272	2.703	ug/l	97
90) Hexachloroethane	12.536	117	1742	2.513	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	4203	2.547	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	303	0.952	ug/l #	50
93) 1,2,4-Trichlorobenzene	13.591	180	2493	2.452	ug/l	93
94) Hexachlorobutadiene	13.725	225	1209	2.875	ug/l	93
95) Naphthalene	13.780	128	5838	1.648	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	2199	2.195	ug/l	99

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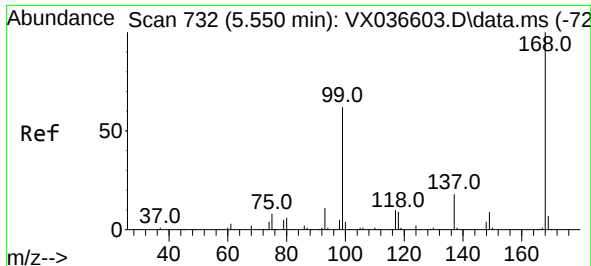
Manual Integrations
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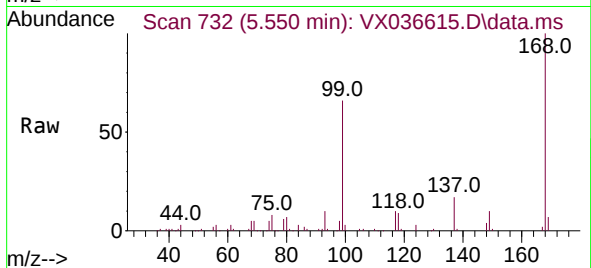
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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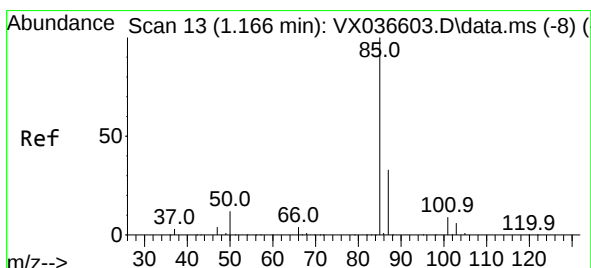
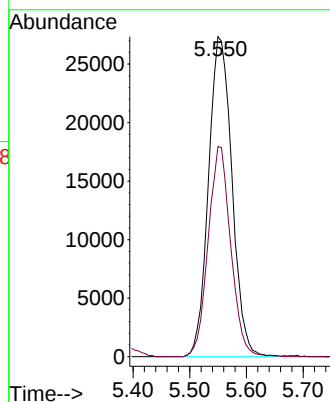
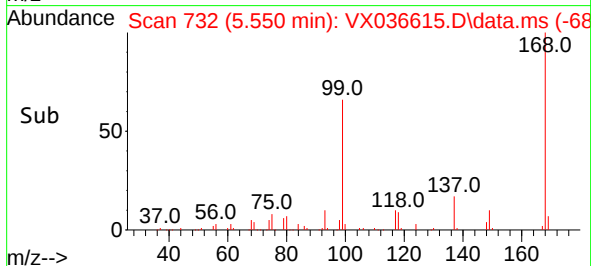
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023



Tgt Ion:168 Resp: 78634
Ion Ratio Lower Upper
168 100
99 65.7 56.6 85.0

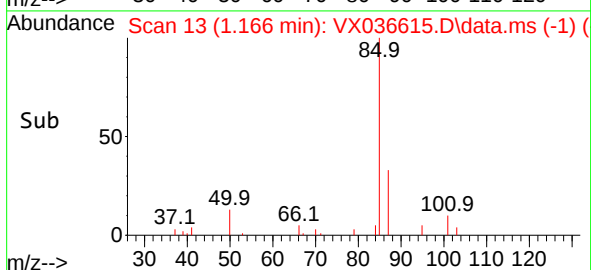
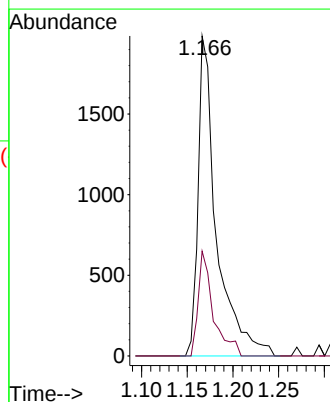
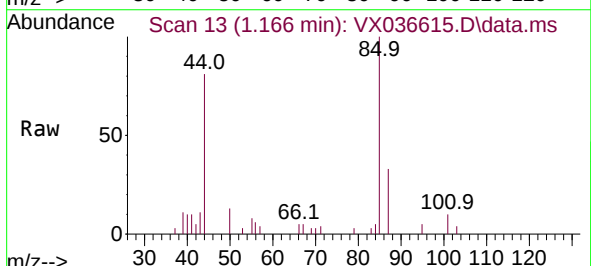
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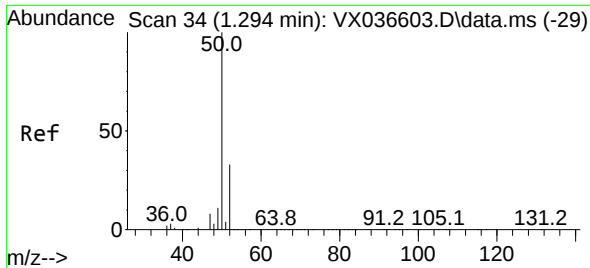
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#2
Dichlorodifluoromethane
Concen: 2.673 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX036615.D
Acq: 21 Jul 2023 17:41

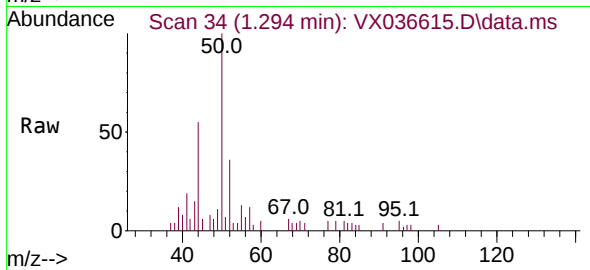
Tgt Ion: 85 Resp: 2777
Ion Ratio Lower Upper
85 100
87 32.7 16.7 50.1





#3
Chloromethane
Concen: 2.933 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX036615.D
Acq: 21 Jul 2023 17:41

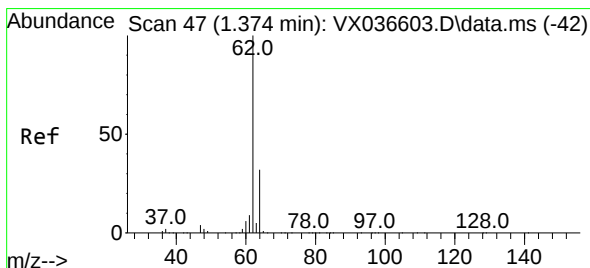
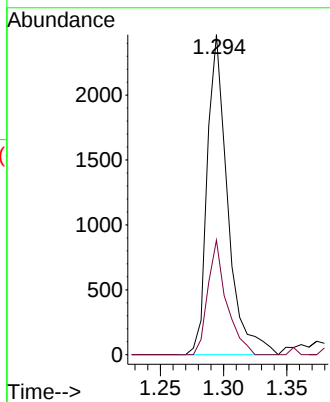
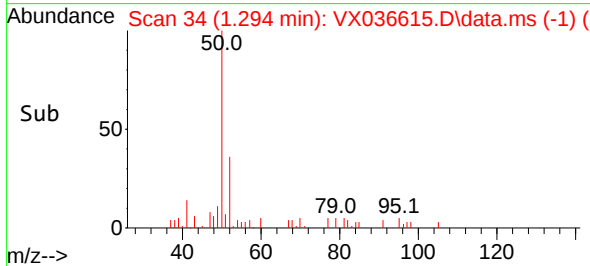
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT3-2023



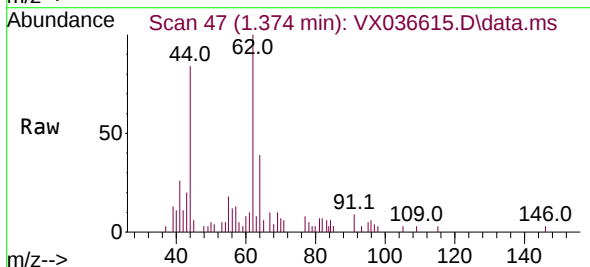
Tgt Ion: 50 Resp: 277
Ion Ratio Lower Upper
50 100
52 35.8 25.5 38.3

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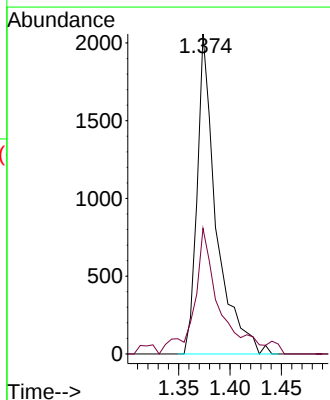
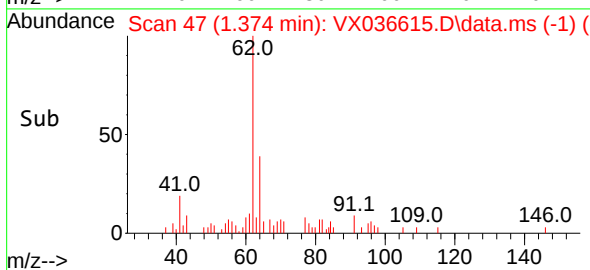
Reviewed By :John Carlone 07/24/2023
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#4
Vinyl Chloride
Concen: 2.765 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX036615.D
Acq: 21 Jul 2023 17:41



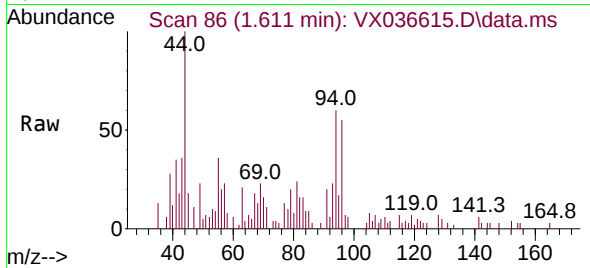
Tgt Ion: 62 Resp: 2660
Ion Ratio Lower Upper
62 100
64 36.2 25.4 38.0





#5
Bromomethane
Concen: 2.817 ug/l
RT: 1.611 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX036615.D
Acq: 21 Jul 2023 17:41

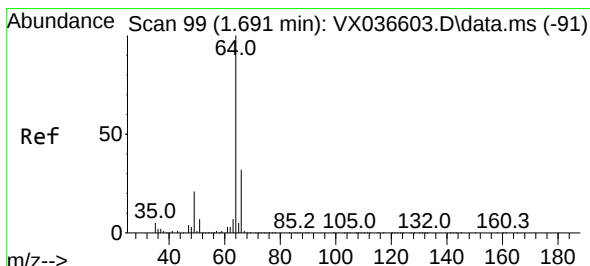
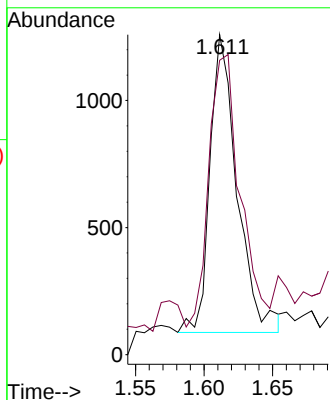
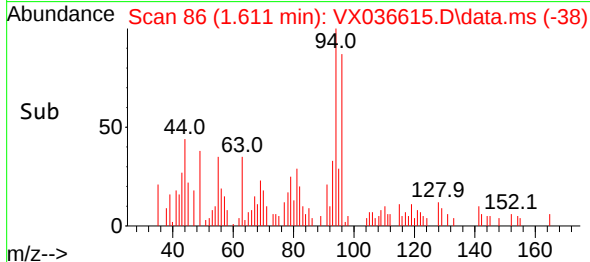
Instrument :
MSVOA_X
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Tgt Ion: 94 Resp: 1618
Ion Ratio Lower Upper
94 100
96 82.2 74.6 111.8

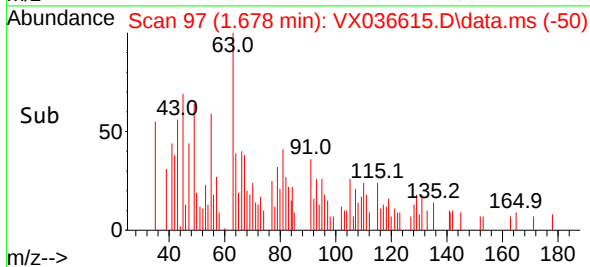
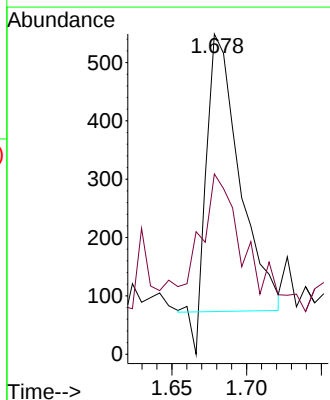
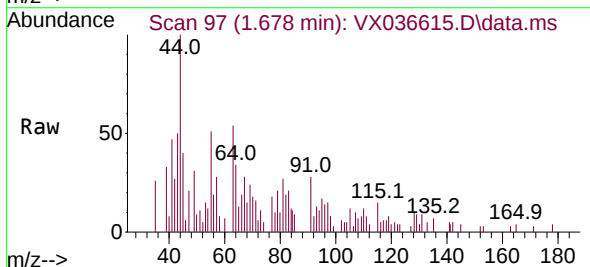
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#6
Chloroethane
Concen: 1.495 ug/l
RT: 1.678 min Scan# 97
Delta R.T. -0.012 min
Lab File: VX036615.D
Acq: 21 Jul 2023 17:41

Tgt Ion: 64 Resp: 699
Ion Ratio Lower Upper
64 100
66 43.7 25.1 37.7#





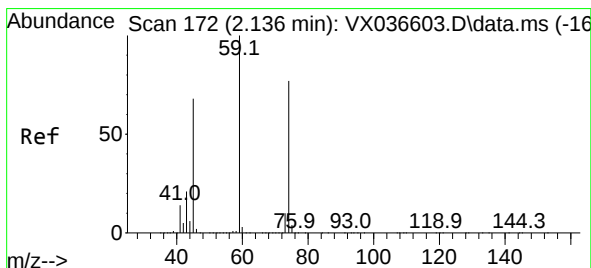
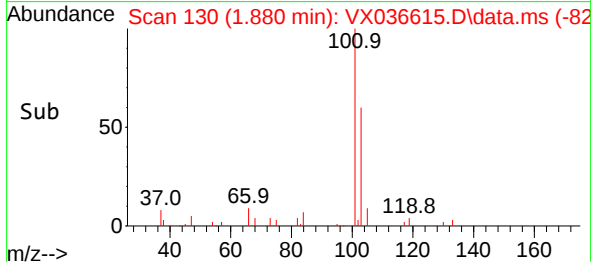
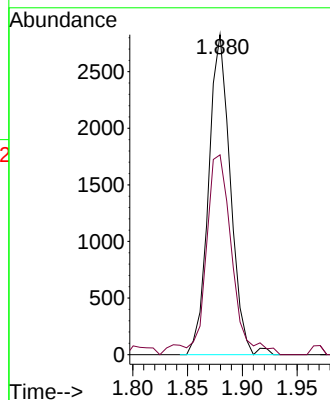
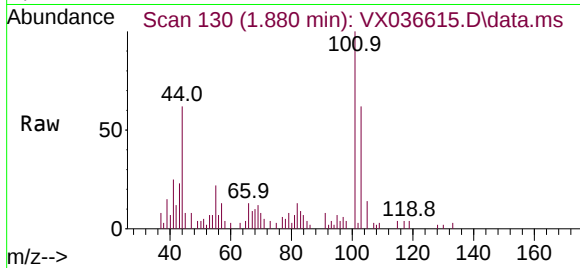
#7
 Trichlorofluoromethane
 Concen: 2.633 ug/l
 RT: 1.880 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX036615.D
 Acq: 21 Jul 2023 17:41

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

Tgt Ion:101 Resp: 391
 Ion Ratio Lower Upper
 101 100
 103 62.5 51.4 77.2

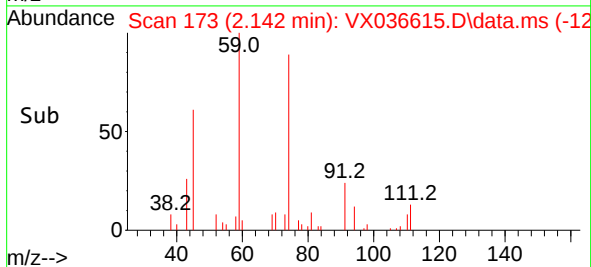
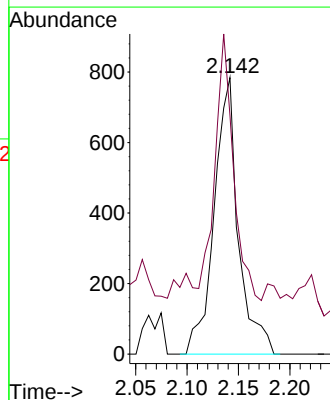
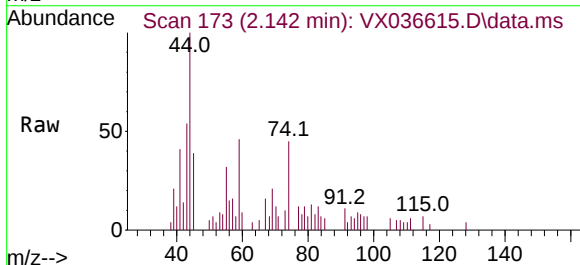
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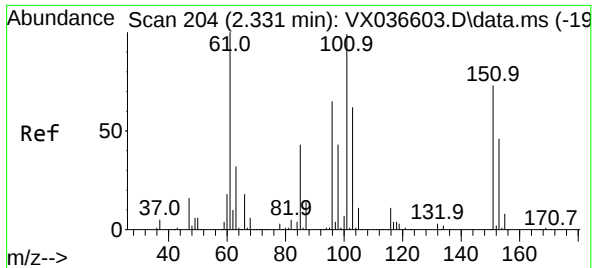
Reviewed By :John Carlone 07/24/2023
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#8
 Diethyl Ether
 Concen: 2.227 ug/l
 RT: 2.142 min Scan# 173
 Delta R.T. 0.006 min
 Lab File: VX036615.D
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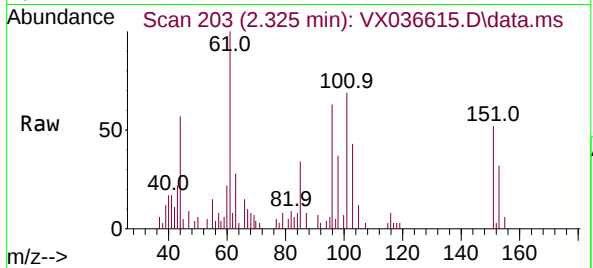
Tgt Ion: 74 Resp: 1280
 Ion Ratio Lower Upper
 74 100
 45 80.2 53.3 159.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.785 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX036615.D
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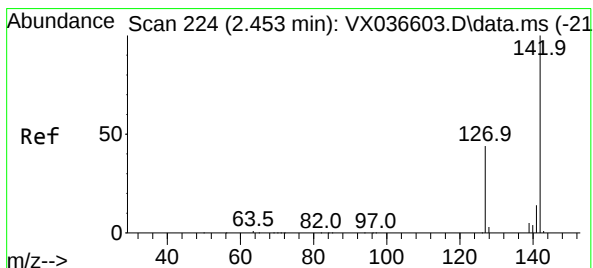
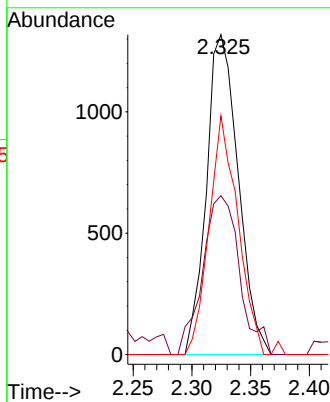
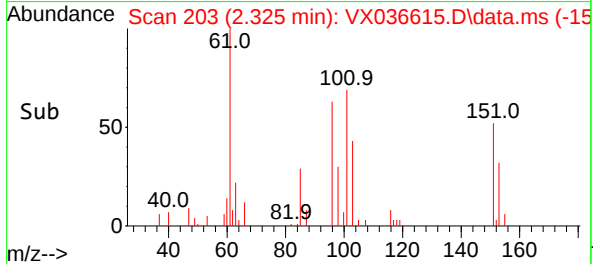
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ClientSampleId :
LOD-MDL-WATER-01-QT3-2023



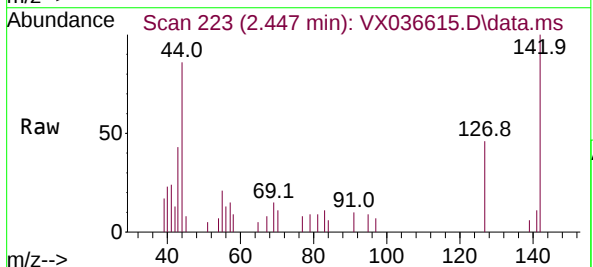
Tgt Ion:101 Resp: 2480
Ion Ratio Lower Upper
101 100
85 57.7 37.0 55.6
151 67.6 58.6 87.8

Manual Integrations
APPROVED

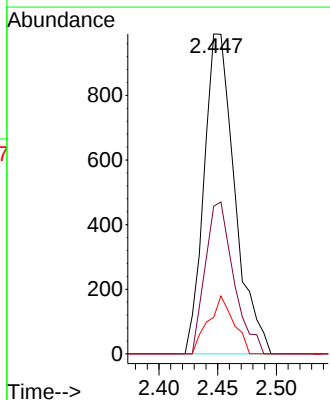
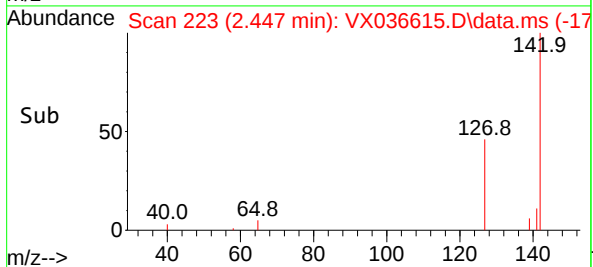
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

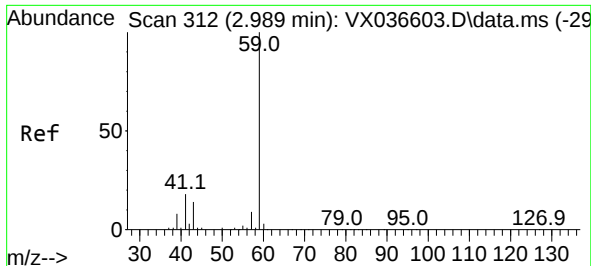


#10
Methyl Iodide
Concen: 1.944 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX036615.D
Acq: 21 Jul 2023 17:41



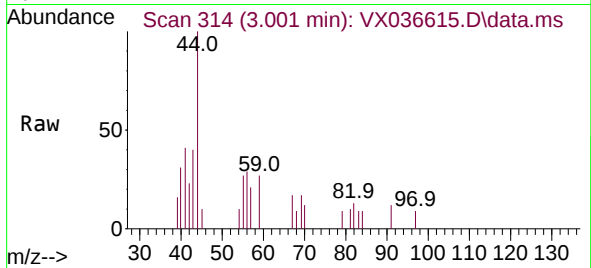
Tgt Ion:142 Resp: 1802
Ion Ratio Lower Upper
142 100
127 43.7 41.6 62.4
141 14.9 11.6 17.4





#11
Tert butyl alcohol
Concen: 1.180 ug/l
RT: 3.001 min Scan# 312
Delta R.T. 0.012 min
Lab File: VX036615.D
Acq: 21 Jul 2023 17:41

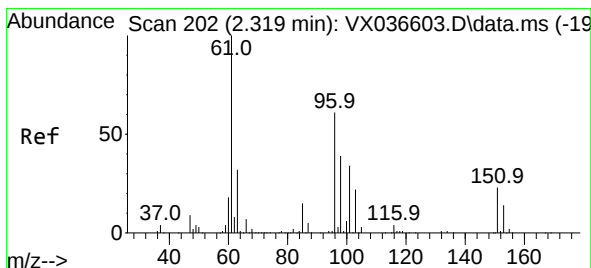
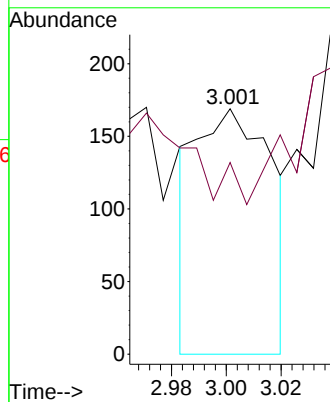
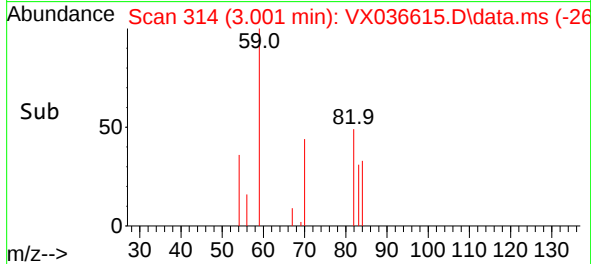
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023



Tgt Ion: 59 Resp: 325
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0

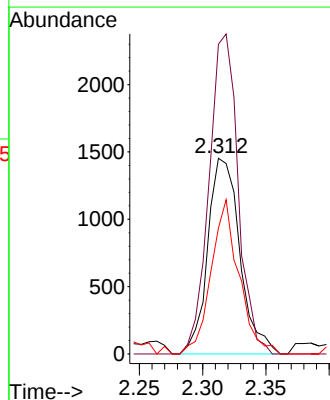
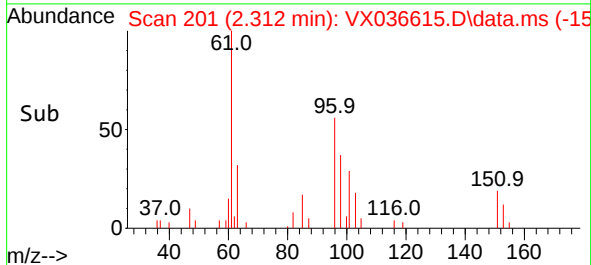
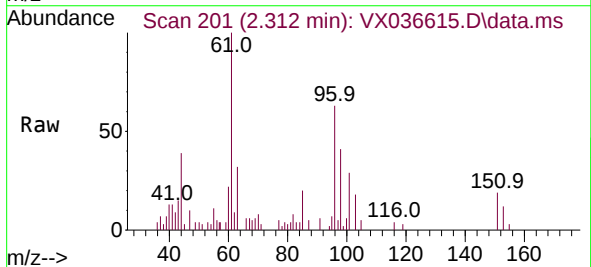
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#12
1,1-Dichloroethene
Concen: 2.916 ug/l
RT: 2.312 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX036615.D
Acq: 21 Jul 2023 17:41

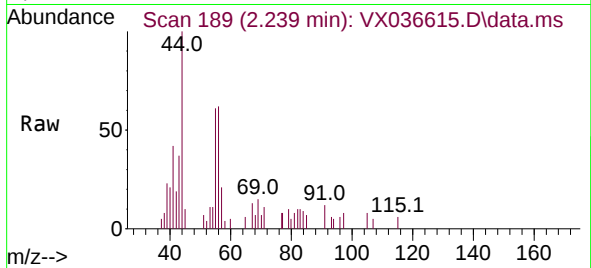
Tgt Ion: 96 Resp: 2568
Ion Ratio Lower Upper
96 100
61 158.3 144.6 216.8
98 64.3 50.4 75.6





#13
Acrolein
Concen: 6.794 ug/l
RT: 2.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036615.D
Acq: 21 Jul 2023 17:41

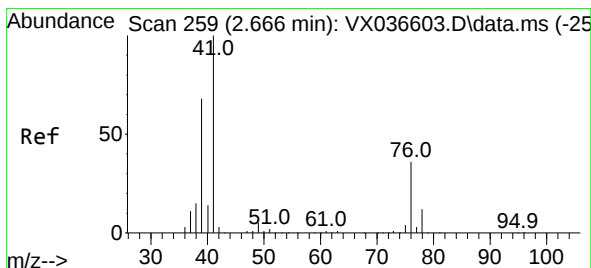
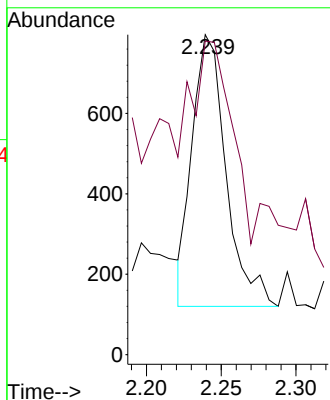
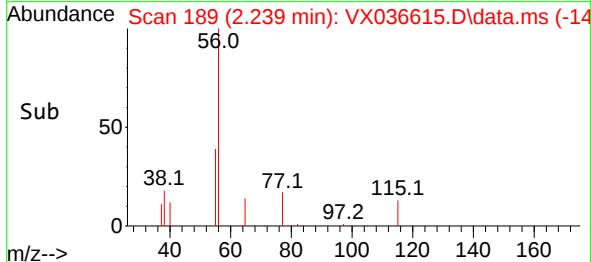
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT3-2023



Tgt Ion: 56 Resp: 1068
Ion Ratio Lower Upper
56 100
55 89.4 57.1 85.7

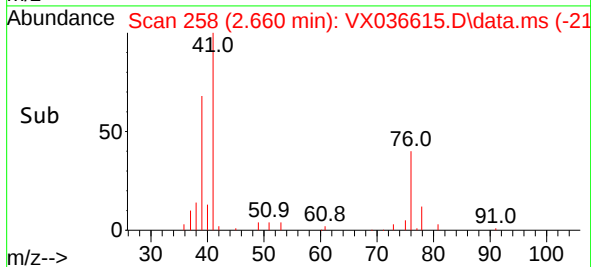
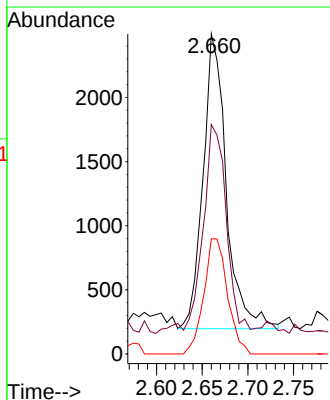
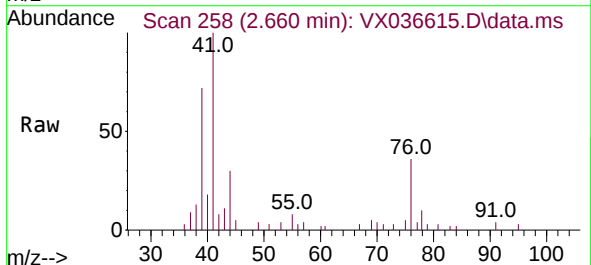
Manual Integrations
APPROVED

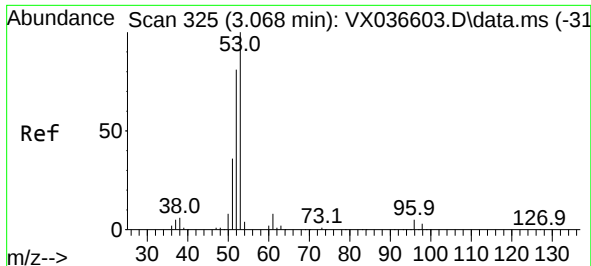
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#14
Allyl chloride
Concen: 2.345 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX036615.D
Acq: 21 Jul 2023 17:41

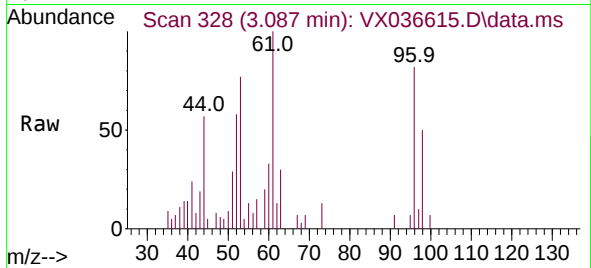
Tgt Ion: 41 Resp: 4065
Ion Ratio Lower Upper
41 100
39 72.3 55.8 83.6
76 39.6 24.3 36.5





#15
Acrylonitrile
Concen: 6.436 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.018 min
Lab File: VX036615.D
Acq: 21 Jul 2023 17:41

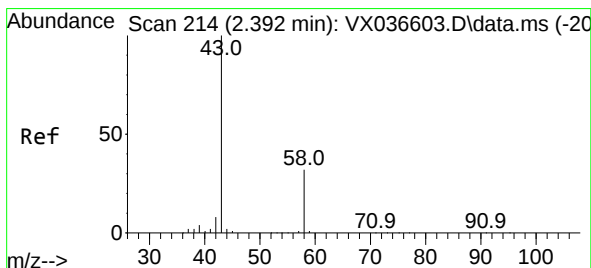
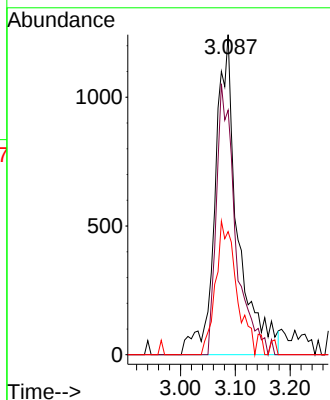
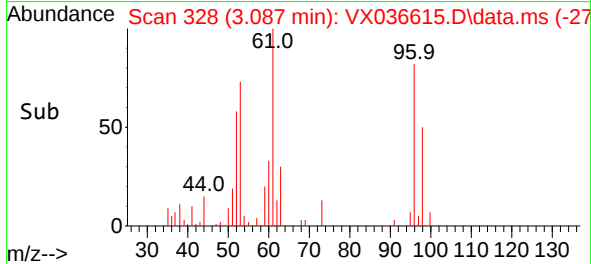
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023



Tgt Ion: 53 Resp: 356
Ion Ratio Lower Upper
53 100
52 71.8 66.0 99.0
51 38.5 29.8 44.6

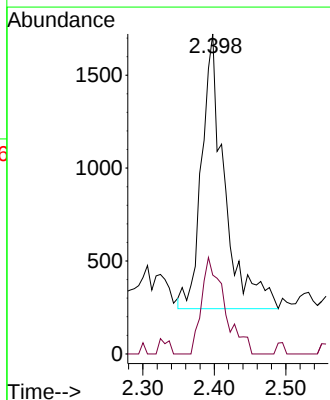
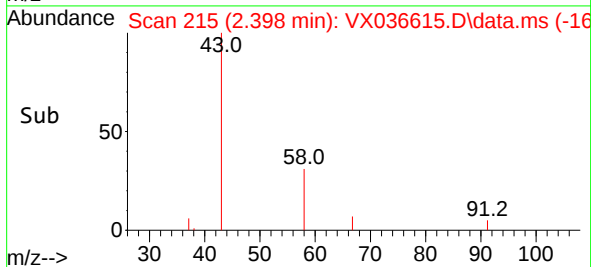
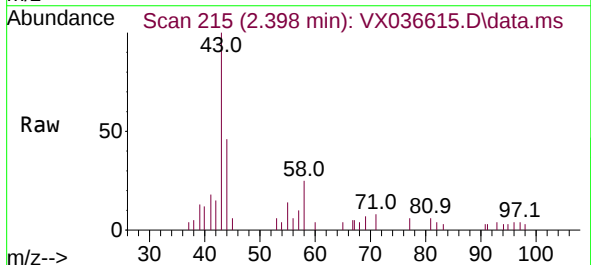
Manual Integrations
APPROVED

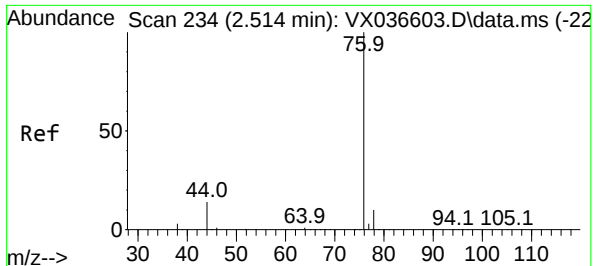
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#16
Acetone
Concen: 6.823 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX036615.D
Acq: 21 Jul 2023 17:41

Tgt Ion: 43 Resp: 3294
Ion Ratio Lower Upper
43 100
58 28.7 21.9 32.9





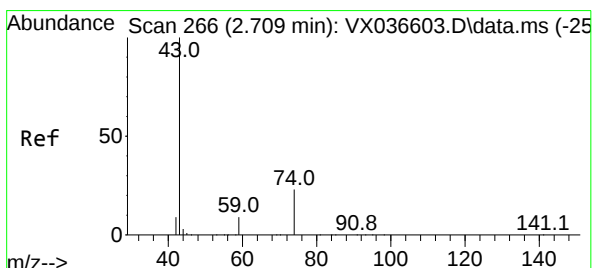
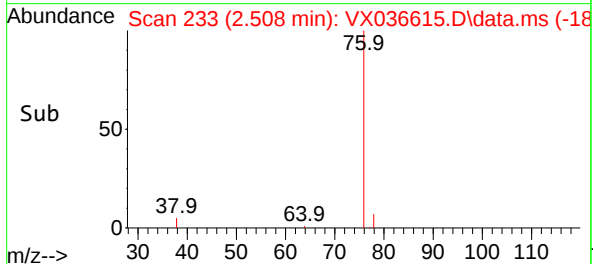
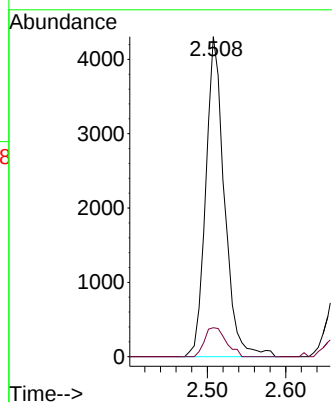
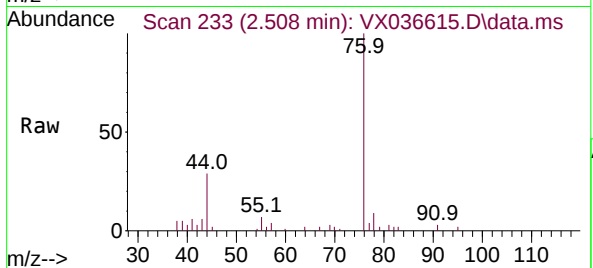
#17
Carbon Disulfide
Concen: 2.928 ug/l
RT: 2.508 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX036615.D
Acq: 21 Jul 2023 17:41

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

Tgt Ion: 76 Resp: 711
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6

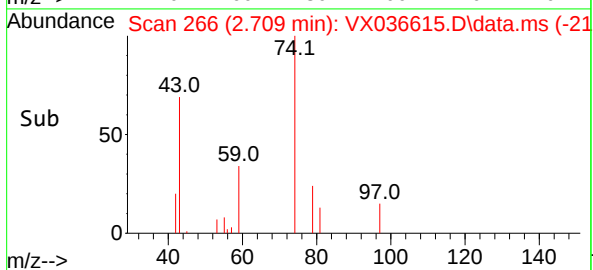
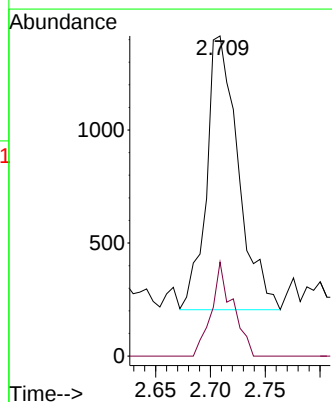
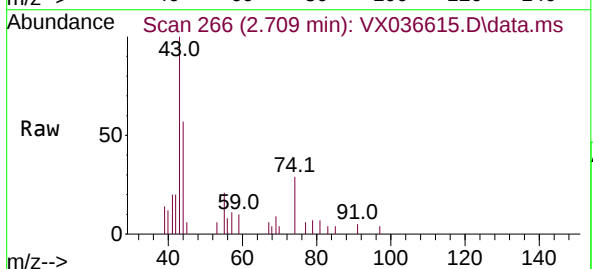
Manual Integrations
APPROVED

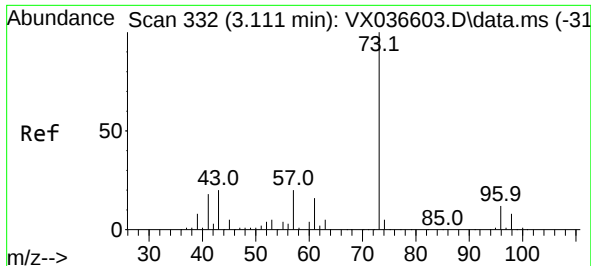
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#18
Methyl Acetate
Concen: 1.204 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX036615.D
Acq: 21 Jul 2023 17:41

Tgt Ion: 43 Resp: 2445
Ion Ratio Lower Upper
43 100
74 22.9 17.8 26.8





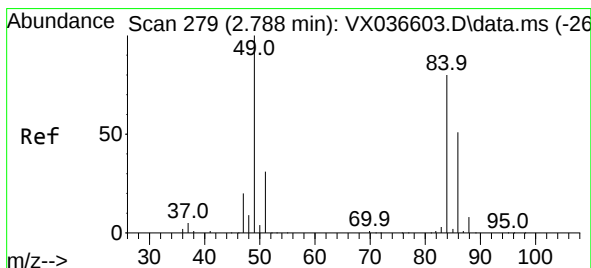
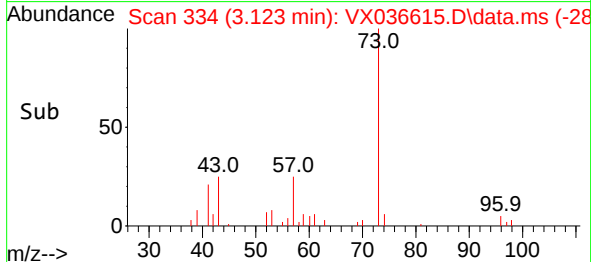
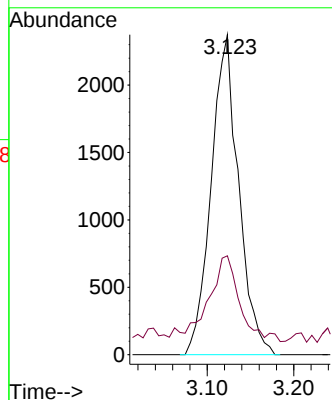
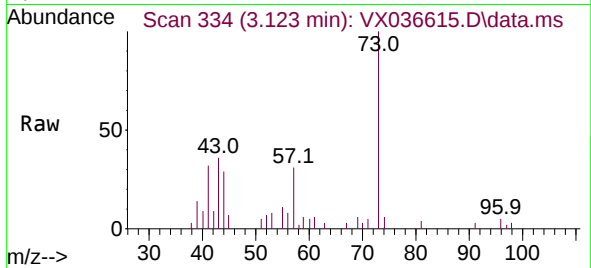
#19
Methyl tert-butyl Ether
Concen: 1.578 ug/l
RT: 3.123 min Scan# 311
Delta R.T. 0.012 min
Lab File: VX036615.D
Acq: 21 Jul 2023 17:41

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

Tgt Ion: 73 Resp: 522
Ion Ratio Lower Upper
73 100
57 26.8 17.3 25.9

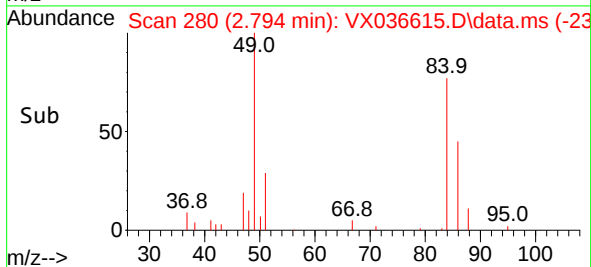
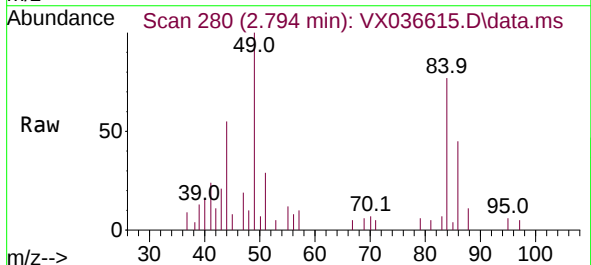
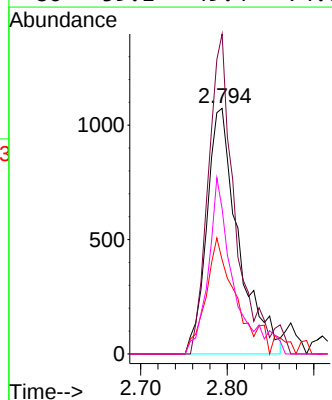
Manual Integrations
APPROVED

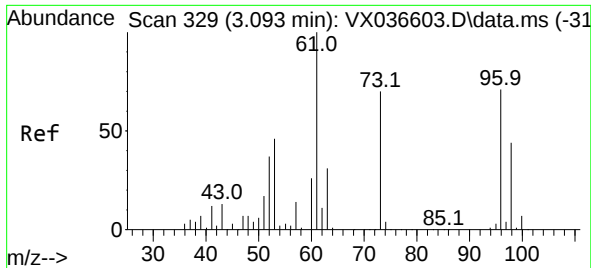
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#20
Methylene Chloride
Concen: 2.546 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX036615.D
Acq: 21 Jul 2023 17:41

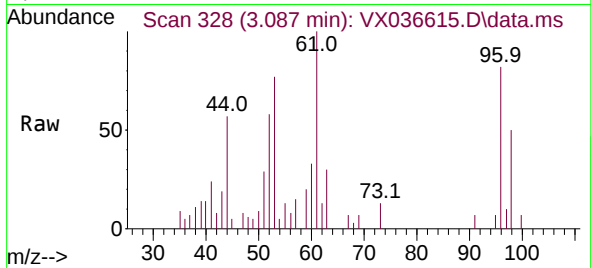
Tgt Ion: 84 Resp: 2734
Ion Ratio Lower Upper
84 100
49 130.3 103.6 155.4
51 38.3 33.8 50.6
86 59.1 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 2.771 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX036615.D
Acq: 21 Jul 2023 17:41

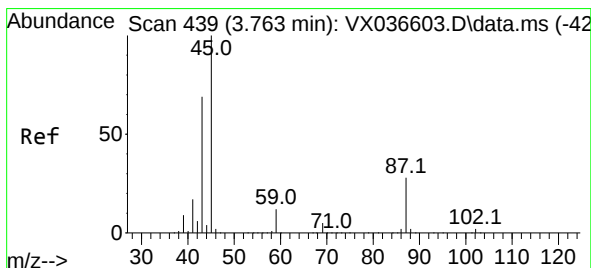
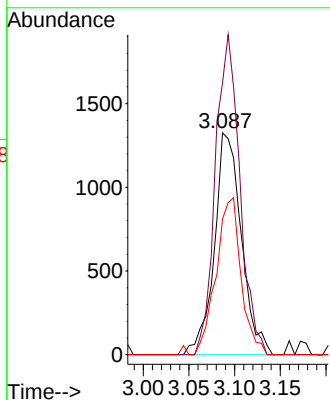
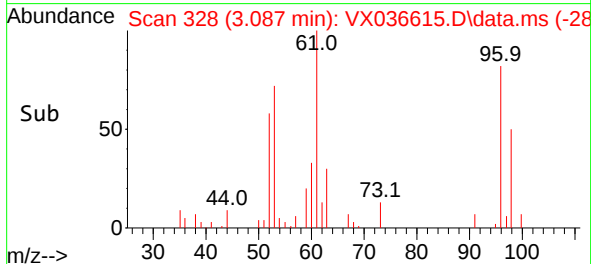
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023



Tgt Ion: 96 Resp: 272
Ion Ratio Lower Upper
96 100
61 122.6 119.2 178.8
98 61.2 48.7 73.1

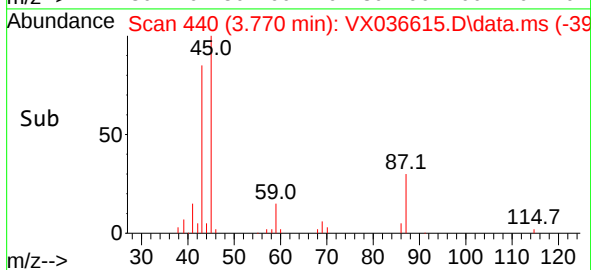
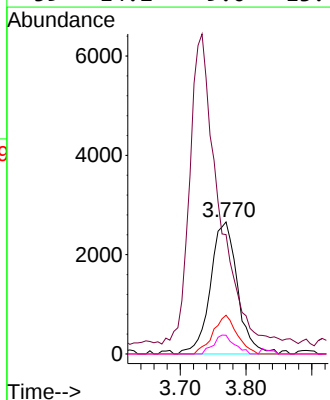
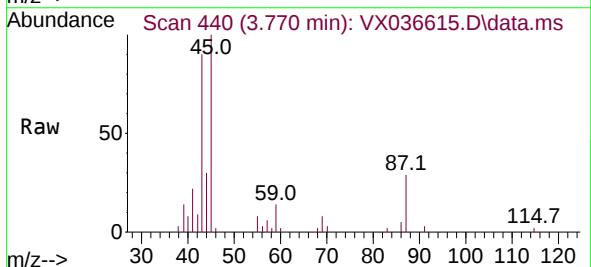
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#22
Diisopropyl ether
Concen: 2.307 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.006 min
Lab File: VX036615.D
Acq: 21 Jul 2023 17:41

Tgt Ion: 45 Resp: 7596
Ion Ratio Lower Upper
45 100
43 78.7 69.7 104.5
87 29.4 20.8 31.2
59 14.2 9.0 13.4





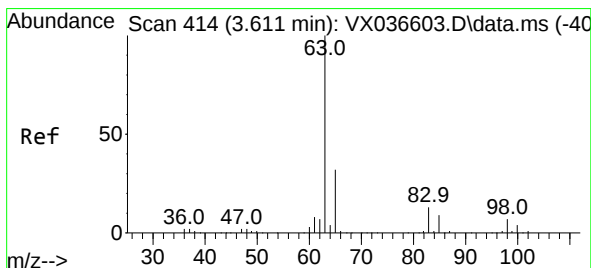
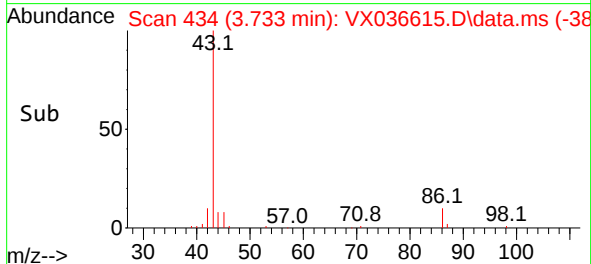
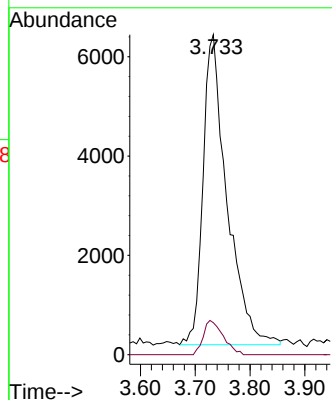
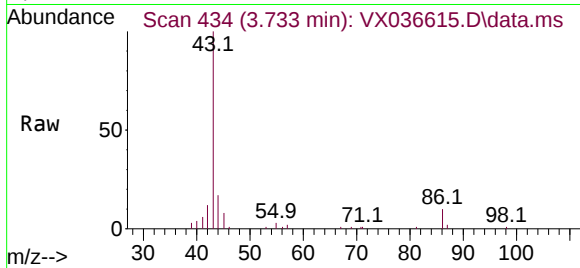
#23
 Vinyl Acetate
 Concen: 7.503 ug/l
 RT: 3.733 min Scan# 41
 Delta R.T. 0.012 min
 Lab File: VX036615.D
 Acq: 21 Jul 2023 17:41

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

Tgt Ion: 43 Resp: 1894
 Ion Ratio Lower Upper
 43 100
 86 10.3 7.8 11.8

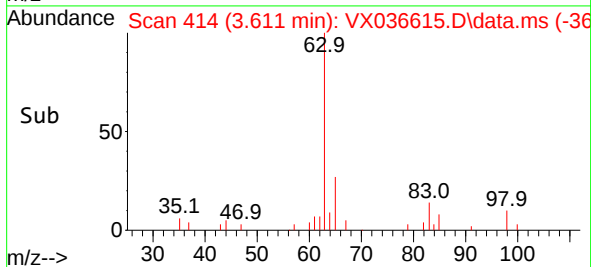
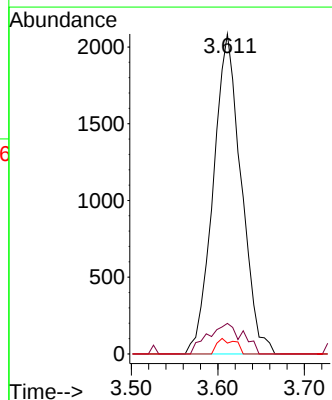
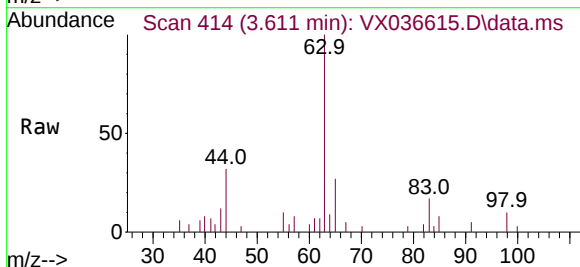
Manual Integrations
 APPROVED

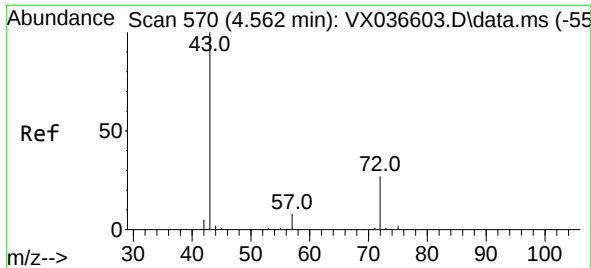
Reviewed By :John Carlone 07/24/2023
 Supervised By :Mahesh Dadoda 07/24/2023



#24
 1,1-Dichloroethane
 Concen: 2.532 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX036615.D
 Acq: 21 Jul 2023 17:41

Tgt Ion: 63 Resp: 4674
 Ion Ratio Lower Upper
 63 100
 98 9.5 3.3 9.8
 100 3.4 2.1 6.5





#25

2-Butanone

Concen: 5.415 ug/l

RT: 4.586 min Scan# 51

Delta R.T. 0.024 min

Lab File: VX036615.D

Acq: 21 Jul 2023 17:41

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

Tgt Ion: 43 Resp: 424

Ion Ratio Lower Upper

43 100

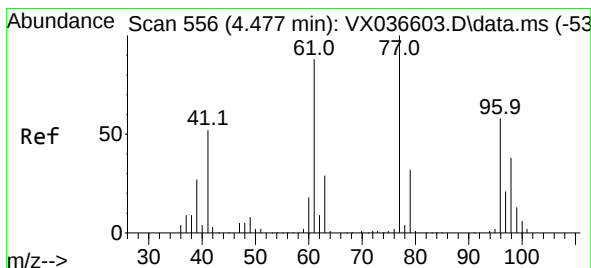
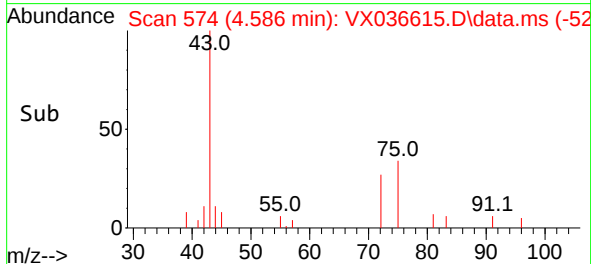
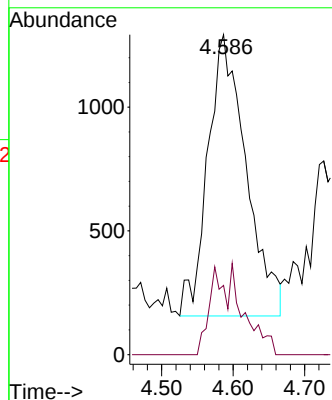
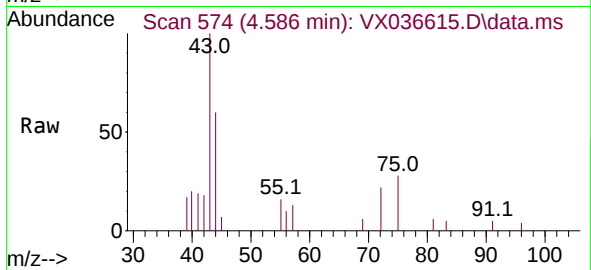
72 24.6 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#26

2,2-Dichloropropane

Concen: 2.634 ug/l

RT: 4.483 min Scan# 557

Delta R.T. 0.006 min

Lab File: VX036615.D

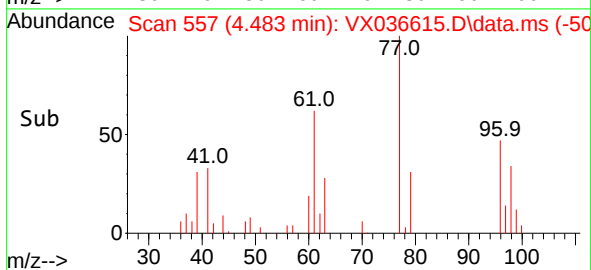
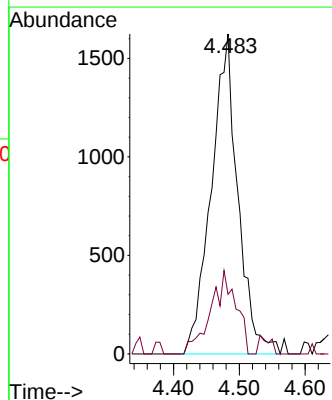
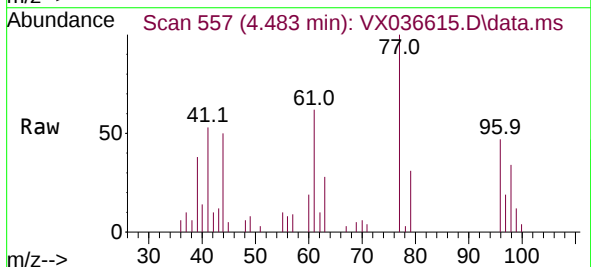
Acq: 21 Jul 2023 17:41

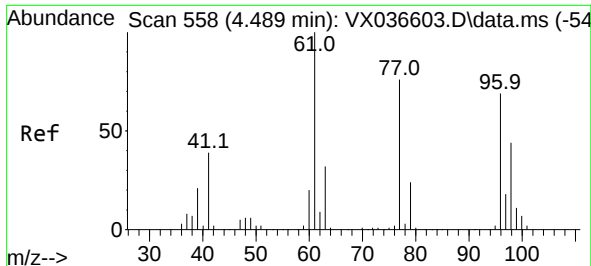
Tgt Ion: 77 Resp: 4581

Ion Ratio Lower Upper

77 100

97 24.8 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 2.635 ug/l

RT: 4.495 min Scan# 558

Delta R.T. 0.006 min

Lab File: VX036615.D

Acq: 21 Jul 2023 17:41

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

Tgt Ion: 96 Resp: 3080

Ion Ratio Lower Upper

96 100

61 132.0 0.0 312.2

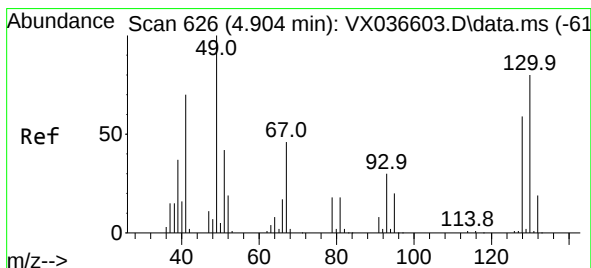
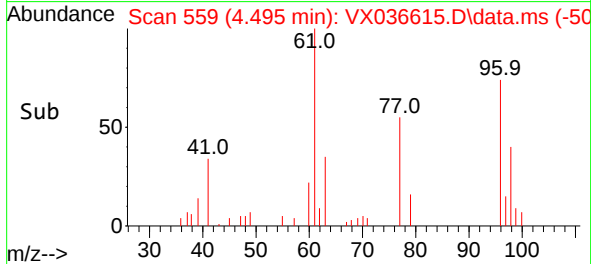
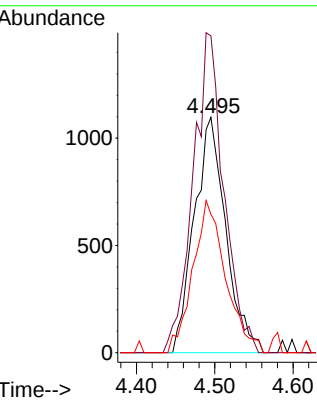
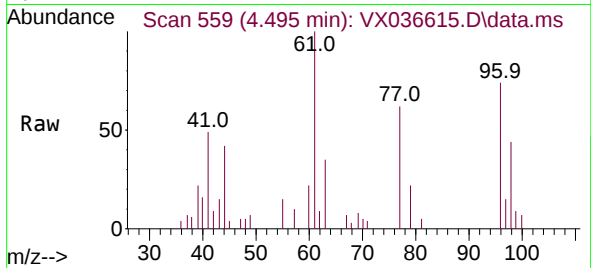
98 66.9 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#28

Bromochloromethane

Concen: 1.667 ug/l

RT: 4.903 min Scan# 626

Delta R.T. -0.000 min

Lab File: VX036615.D

Acq: 21 Jul 2023 17:41

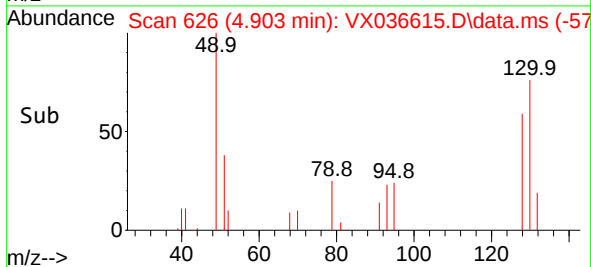
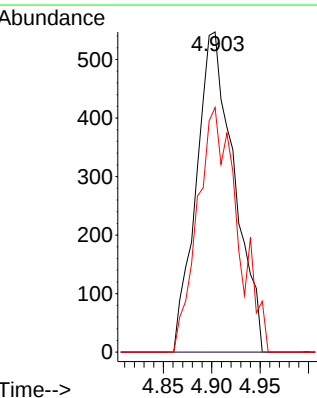
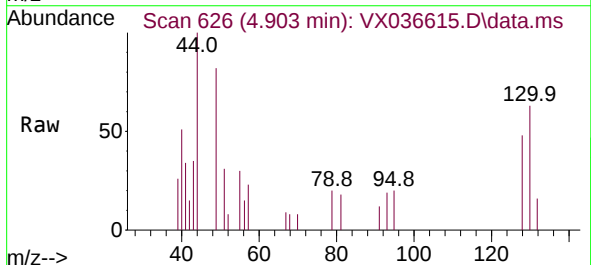
Tgt Ion: 49 Resp: 1488

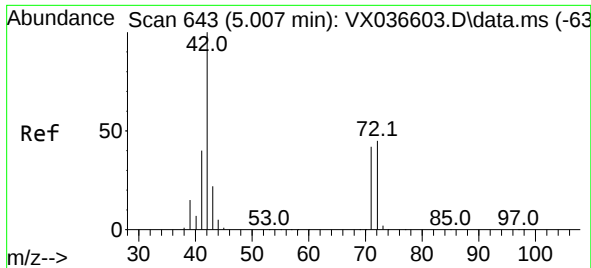
Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

130 80.7 57.5 86.3





#29

Tetrahydrofuran

Concen: 5.924 ug/l

RT: 5.025 min Scan# 643

Delta R.T. 0.018 min

Lab File: VX036615.D

Acq: 21 Jul 2023 17:41

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

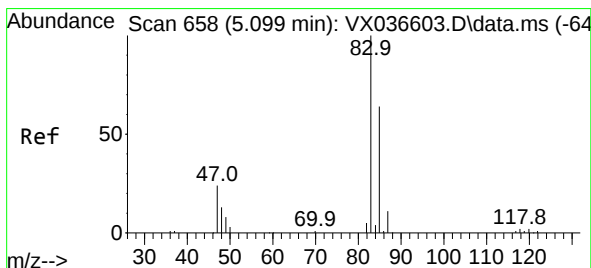
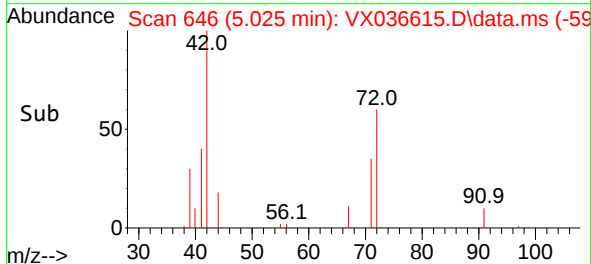
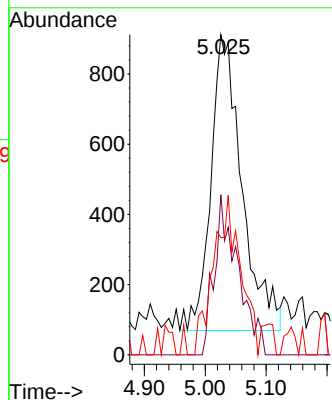
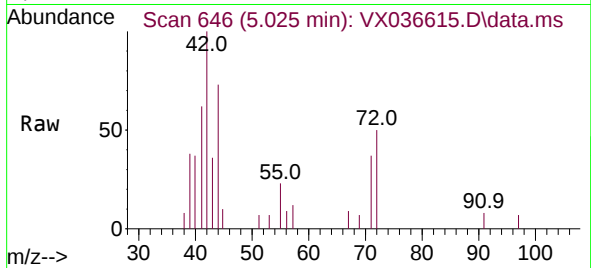
Tgt Ion: 42	Resp: 2992
Ion Ratio	Lower Upper
42 100	
72 41.1	34.2 51.4
71 46.7	32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#30

Chloroform

Concen: 2.514 ug/l

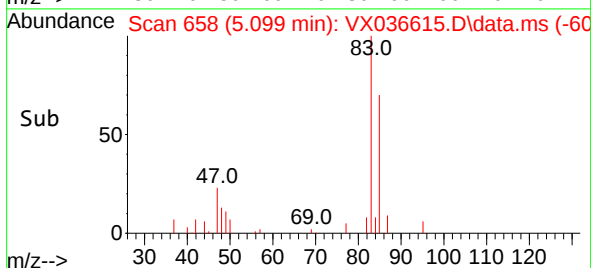
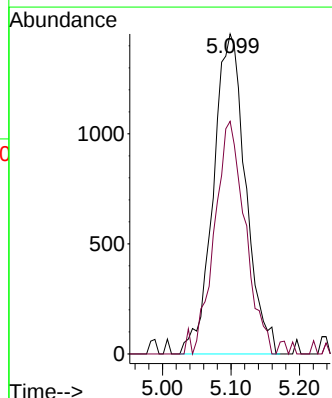
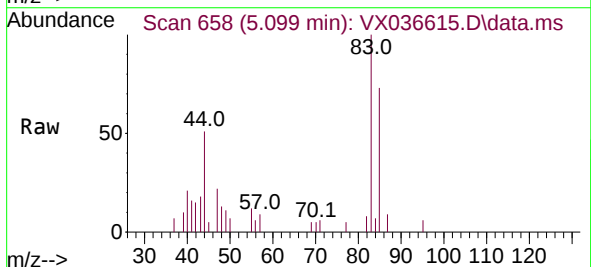
RT: 5.099 min Scan# 658

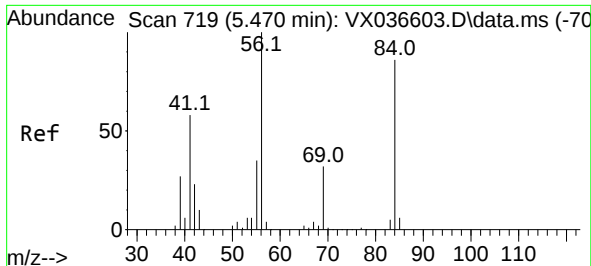
Delta R.T. -0.000 min

Lab File: VX036615.D

Acq: 21 Jul 2023 17:41

Tgt Ion: 83	Resp: 4748
Ion Ratio	Lower Upper
83 100	
85 72.7	50.3 75.5





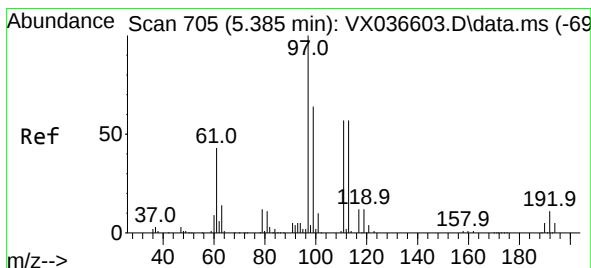
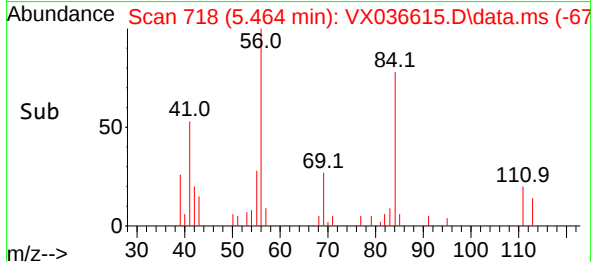
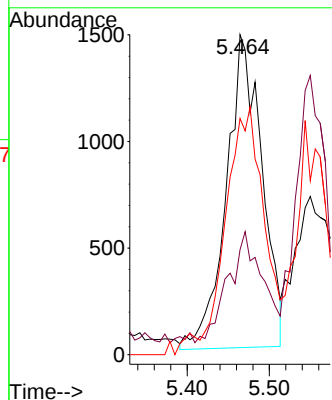
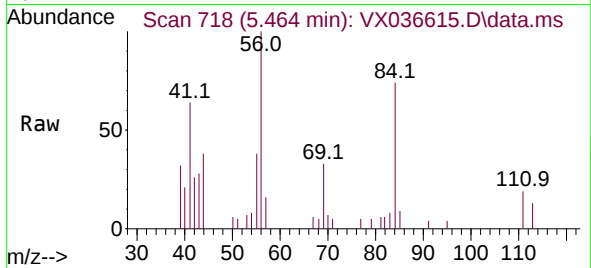
#31
Cyclohexane
Concen: 2.738 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX036615.D
Acq: 21 Jul 2023 17:41

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

Tgt Ion: 56 Resp: 441
Ion Ratio Lower Upper
56 100
69 28.1 23.4 35.2
84 72.8 65.9 98.9

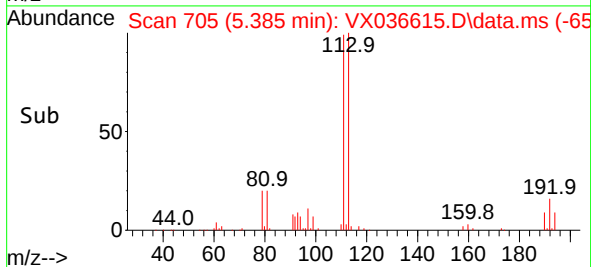
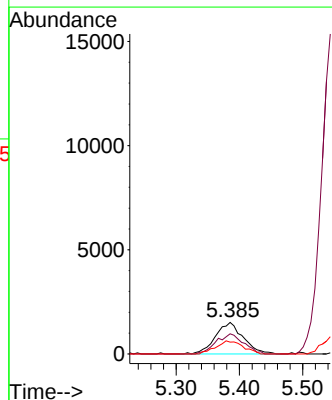
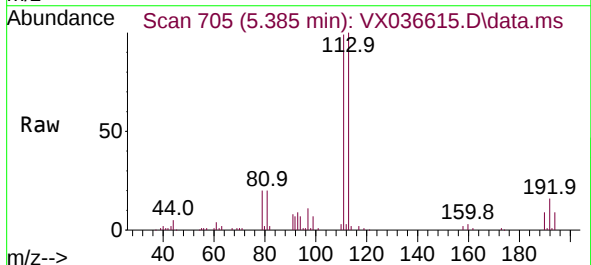
Manual Integrations
APPROVED

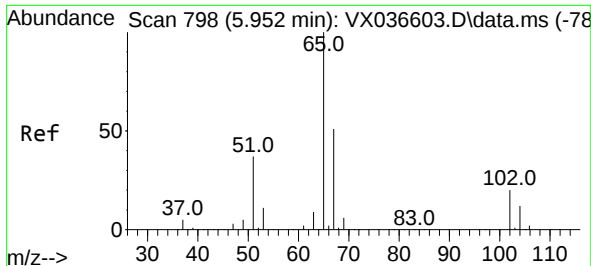
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#32
1,1,1-Trichloroethane
Concen: 2.666 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX036615.D
Acq: 21 Jul 2023 17:41

Tgt Ion: 97 Resp: 4613
Ion Ratio Lower Upper
97 100
99 62.7 51.1 76.7
61 40.3 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 35.273 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX036615.D

Acq: 21 Jul 2023 17:41

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

Tgt Ion: 65 Resp: 41040

Ion Ratio Lower Upper

65 100

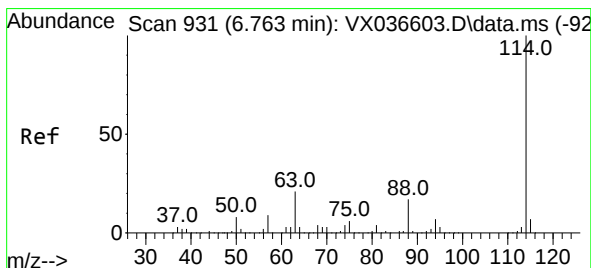
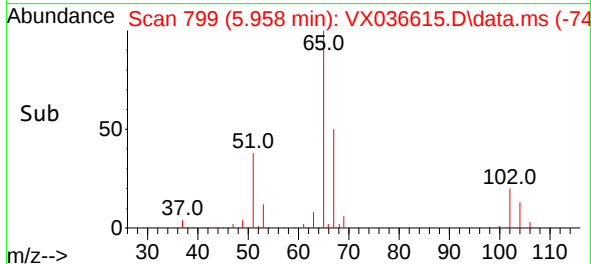
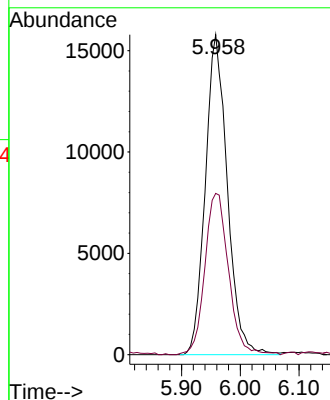
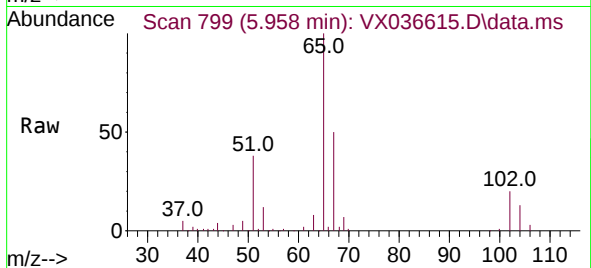
67 54.2 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX036615.D

Acq: 21 Jul 2023 17:41

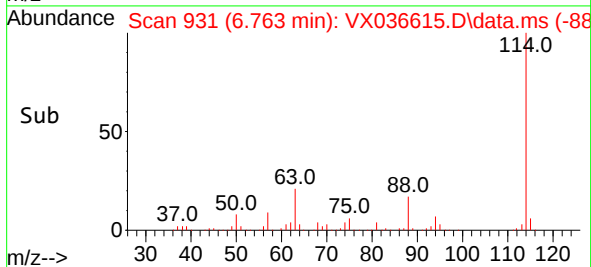
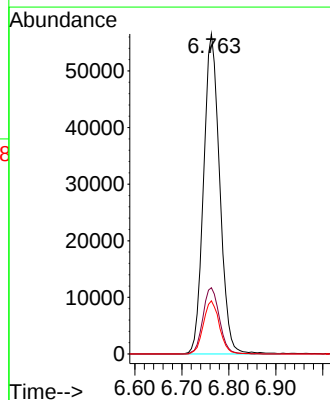
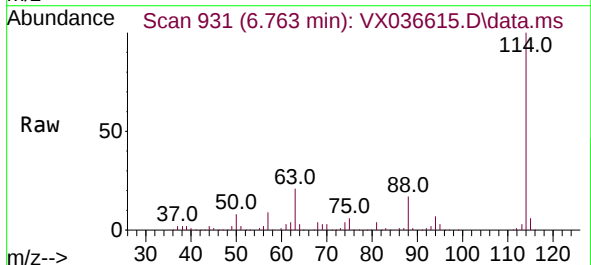
Tgt Ion:114 Resp: 134425

Ion Ratio Lower Upper

114 100

63 20.7 0.0 45.0

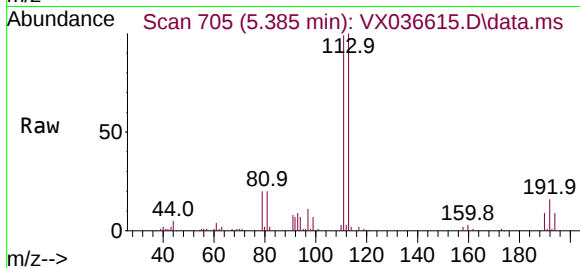
88 16.6 0.0 36.6





#35
Dibromofluoromethane
Concen: 43.902 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX036615.D
Acq: 21 Jul 2023 17:41

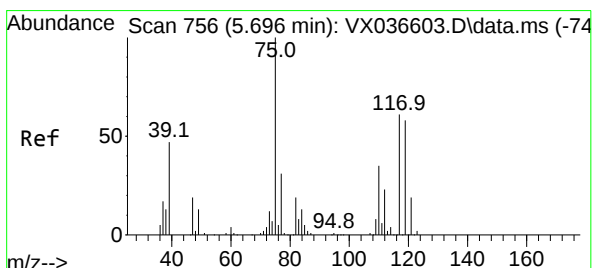
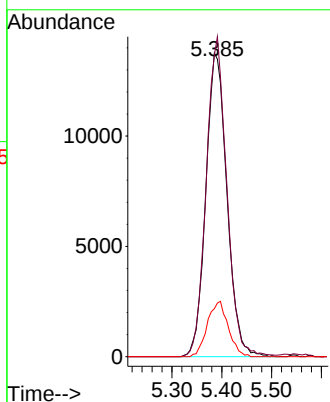
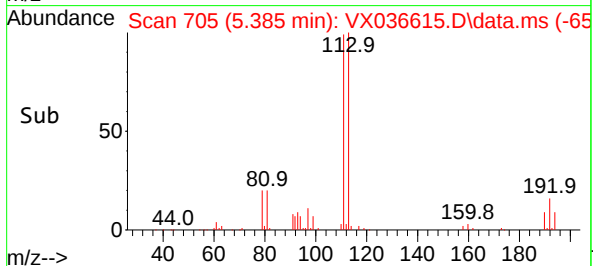
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023



Tgt Ion: 113 Resp: 40564
Ion Ratio Lower Upper
113 100
111 102.5 82.9 124.3
192 18.0 13.3 19.9

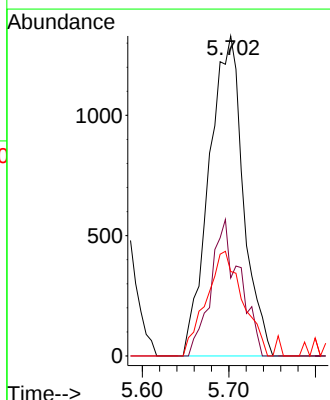
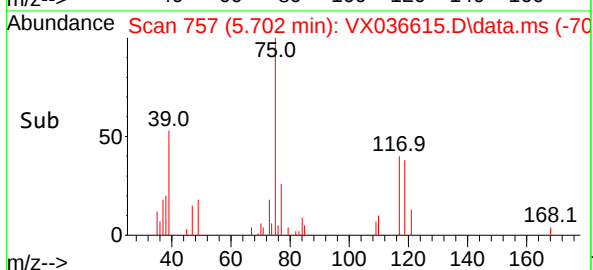
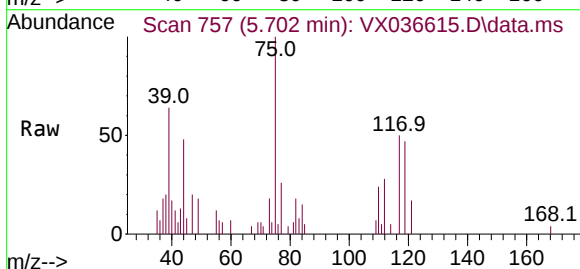
Manual Integrations
APPROVED

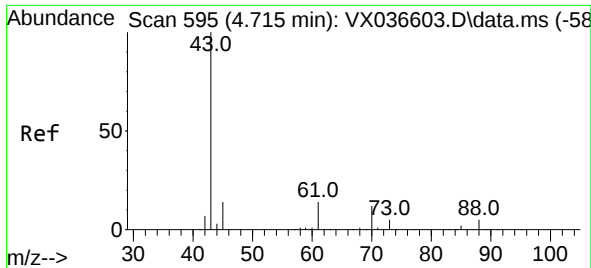
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#36
1,1-Dichloropropene
Concen: 2.651 ug/l
RT: 5.702 min Scan# 757
Delta R.T. 0.006 min
Lab File: VX036615.D
Acq: 21 Jul 2023 17:41

Tgt Ion: 75 Resp: 3651
Ion Ratio Lower Upper
75 100
110 36.1 17.0 50.9
77 35.1 24.7 37.1





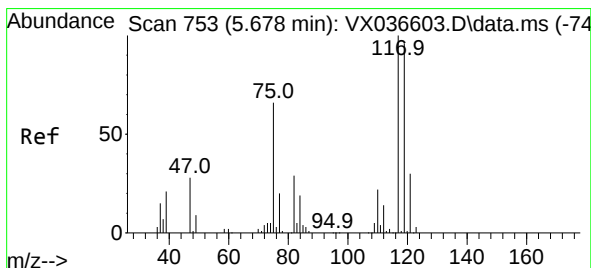
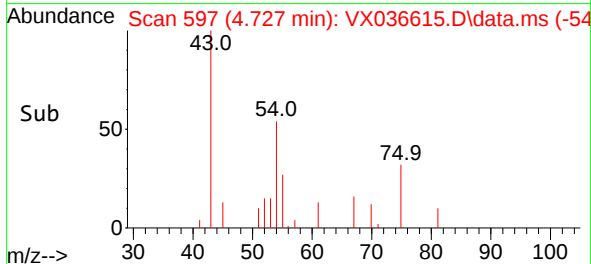
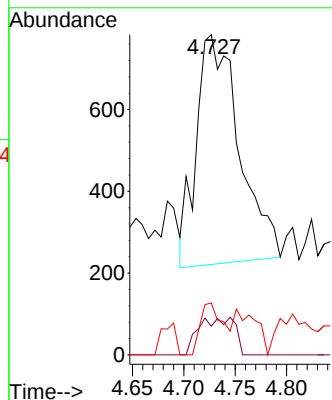
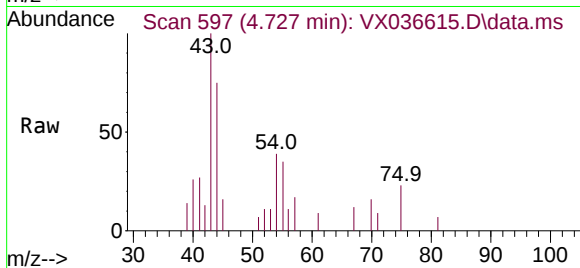
#37
Ethyl Acetate
Concen: 1.050 ug/l
RT: 4.727 min Scan# 597
Delta R.T. 0.012 min
Lab File: VX036615.D
Acq: 21 Jul 2023 17:41

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

Tgt Ion: 43 Resp: 1630
Ion Ratio Lower Upper
43 100
61 0.0 10.6 16.0
70 12.0 8.3 12.5

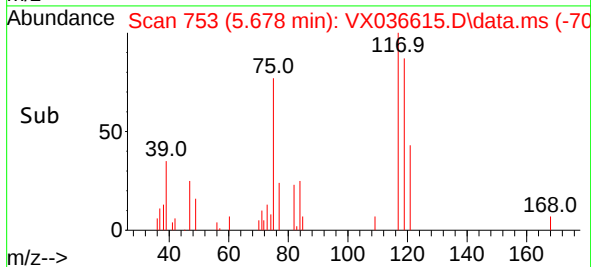
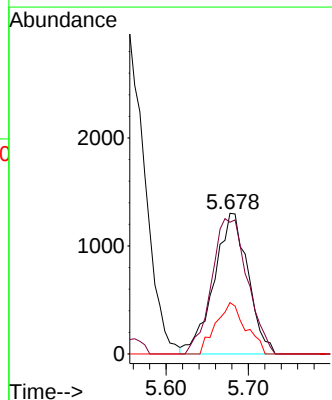
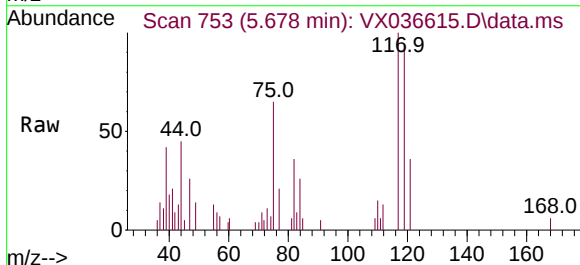
Manual Integrations
APPROVED

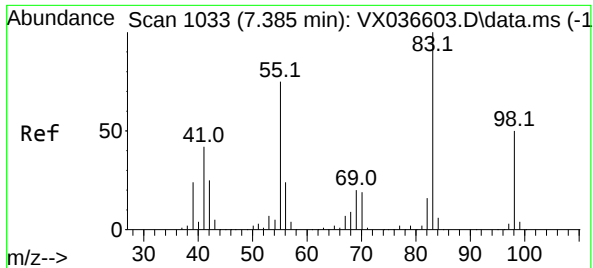
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#38
Carbon Tetrachloride
Concen: 2.556 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX036615.D
Acq: 21 Jul 2023 17:41

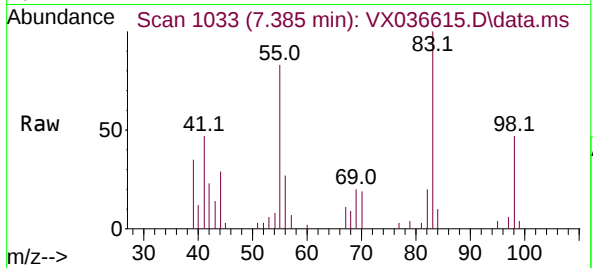
Tgt Ion:117 Resp: 3743
Ion Ratio Lower Upper
117 100
119 93.6 78.2 117.2
121 36.5 24.4 36.6





#39
Methylcyclohexane
Concen: 2.870 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX036615.D
Acq: 21 Jul 2023 17:41

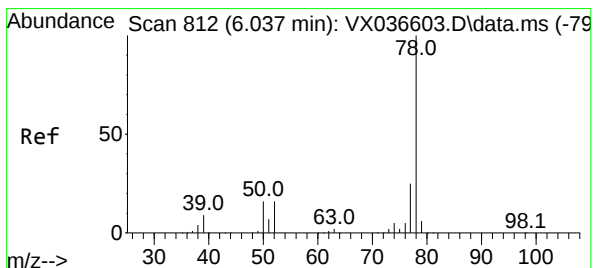
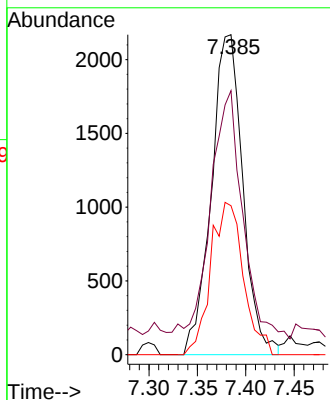
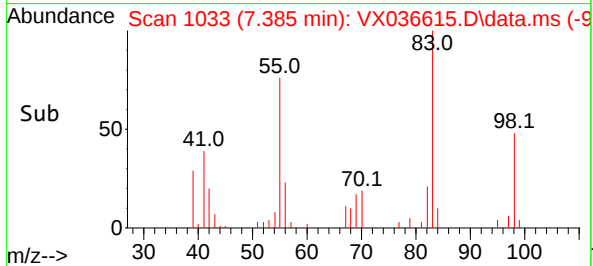
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT3-2023



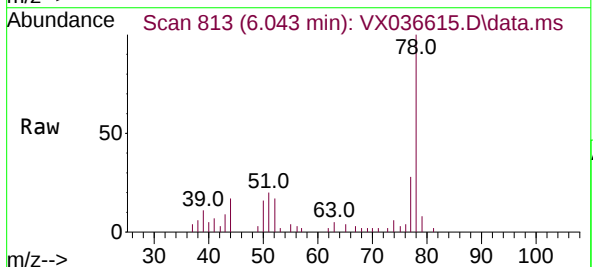
Tgt Ion: 83 Resp: 491
Ion Ratio Lower Upper
83 100
55 75.4 64.6 97.0
98 46.6 36.7 55.1

Manual Integrations
APPROVED

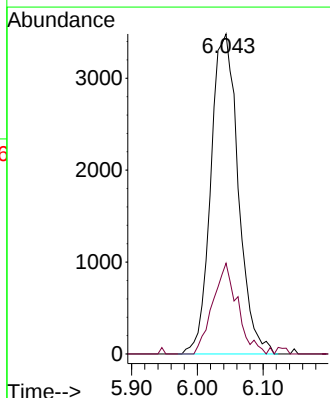
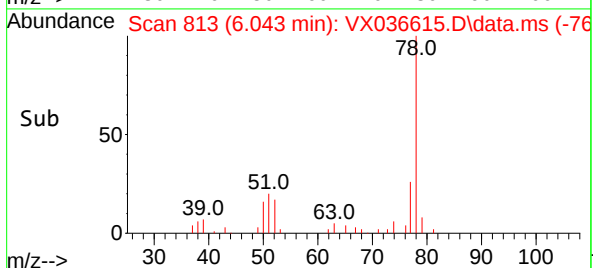
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#40
Benzene
Concen: 2.526 ug/l
RT: 6.043 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX036615.D
Acq: 21 Jul 2023 17:41



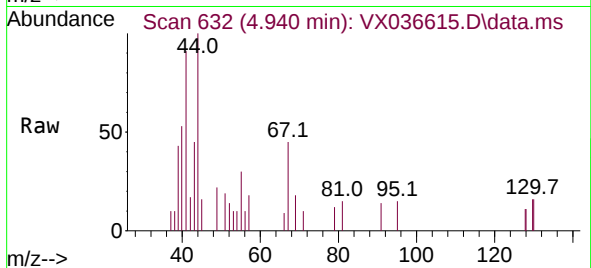
Tgt Ion: 78 Resp: 10122
Ion Ratio Lower Upper
78 100
77 28.3 19.3 28.9





#41
Methacrylonitrile
Concen: 1.213 ug/l
RT: 4.940 min Scan# 61
Delta R.T. 0.018 min
Lab File: VX036615.D
Acq: 21 Jul 2023 17:41

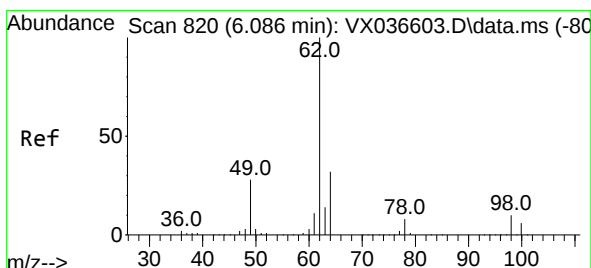
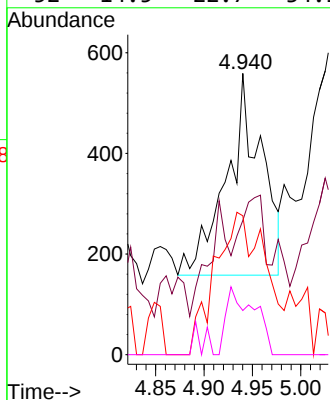
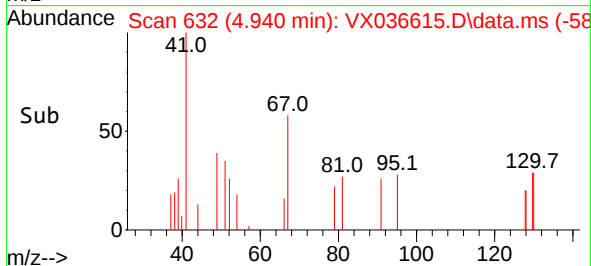
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023



Tgt Ion: 41 Resp: 101
Ion Ratio Lower Upper
41 100
39 0.0 45.2 67.8
67 101.3 52.6 78.8
52 14.5 22.7 34.1

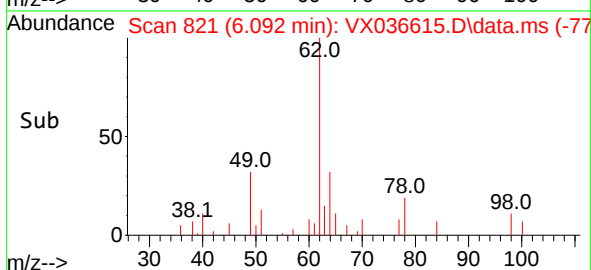
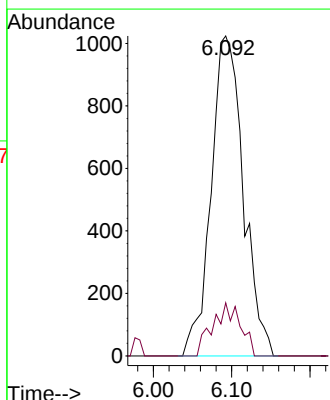
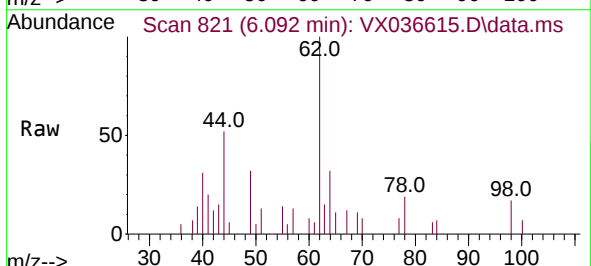
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#42
1,2-Dichloroethane
Concen: 2.001 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX036615.D
Acq: 21 Jul 2023 17:41

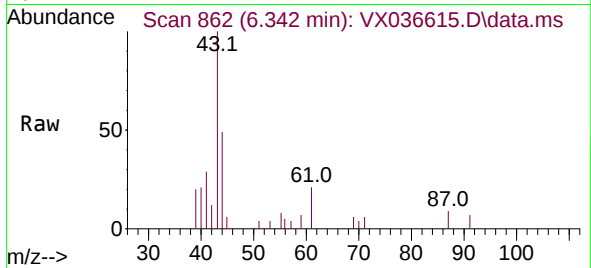
Tgt Ion: 62 Resp: 2931
Ion Ratio Lower Upper
62 100
98 14.2 0.0 16.0





#43
Isopropyl Acetate
Concen: 1.260 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX036615.D
Acq: 21 Jul 2023 17:41

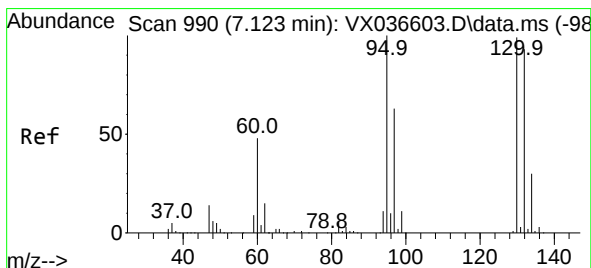
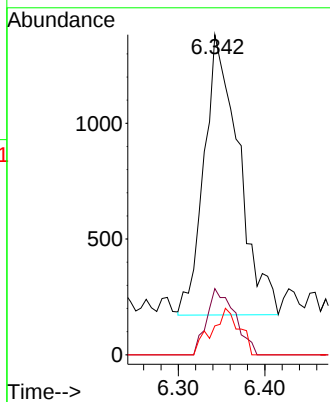
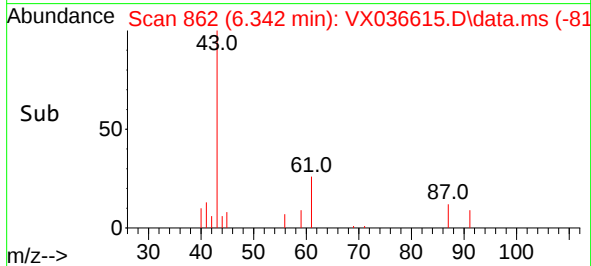
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023



Tgt Ion: 43 Resp: 338
Ion Ratio Lower Upper
43 100
61 19.1 15.2 22.8
87 13.0 9.8 14.6

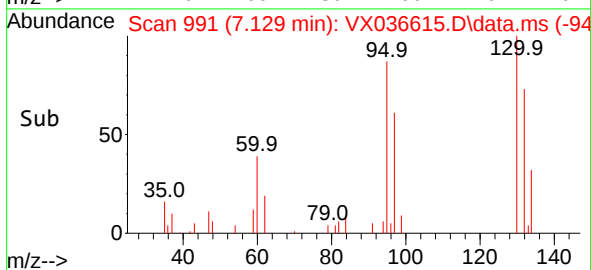
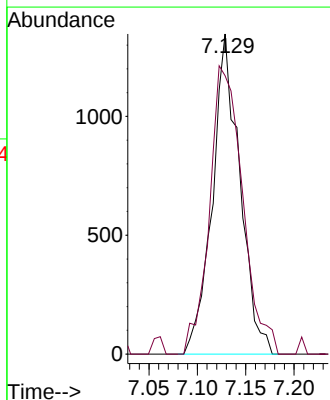
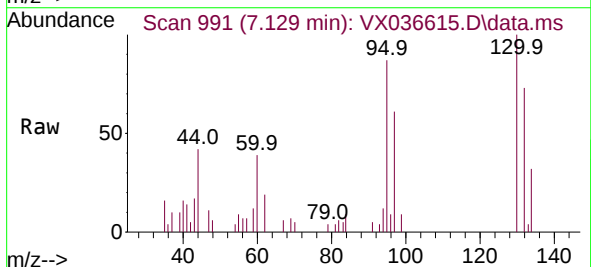
Manual Integrations
APPROVED

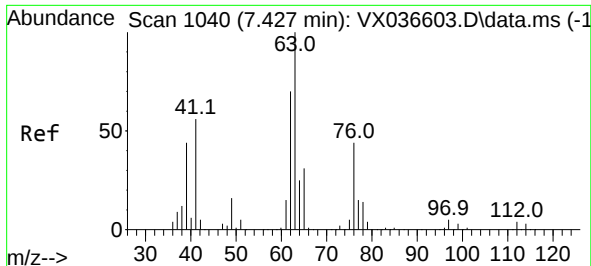
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#44
Trichloroethene
Concen: 2.535 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX036615.D
Acq: 21 Jul 2023 17:41

Tgt Ion:130 Resp: 2655
Ion Ratio Lower Upper
130 100
95 86.9 0.0 204.4





#45

1,2-Dichloropropane

Concen: 2.178 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX036615.D

Acq: 21 Jul 2023 17:41

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

Tgt Ion: 63 Resp: 2330

Ion Ratio Lower Upper

63 100

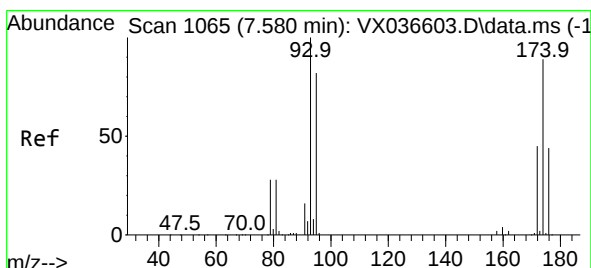
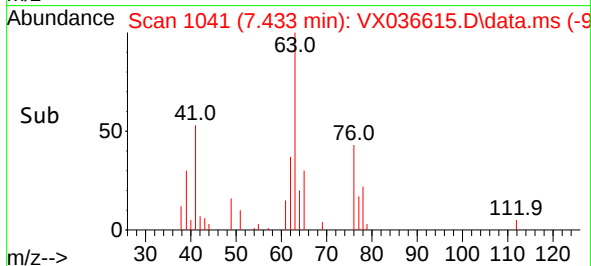
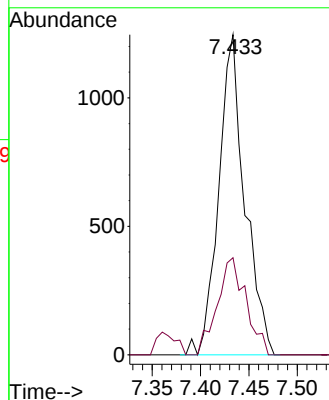
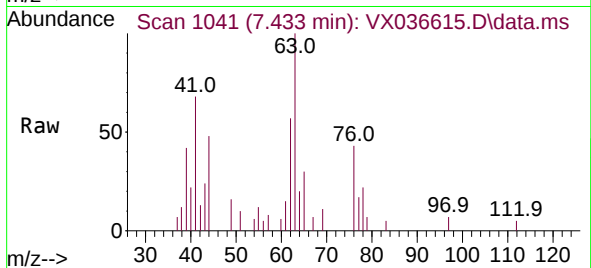
65 30.3 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#46

Dibromomethane

Concen: 1.750 ug/l

RT: 7.592 min Scan# 1067

Delta R.T. 0.012 min

Lab File: VX036615.D

Acq: 21 Jul 2023 17:41

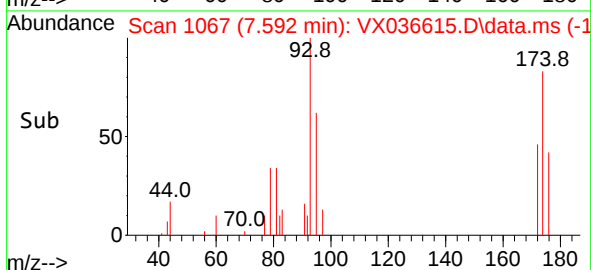
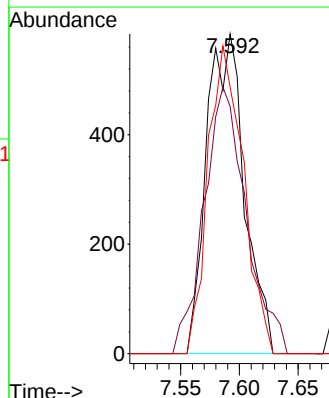
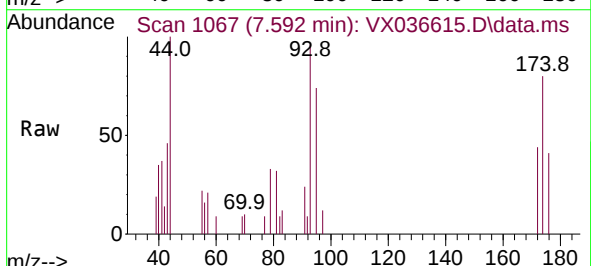
Tgt Ion: 93 Resp: 1310

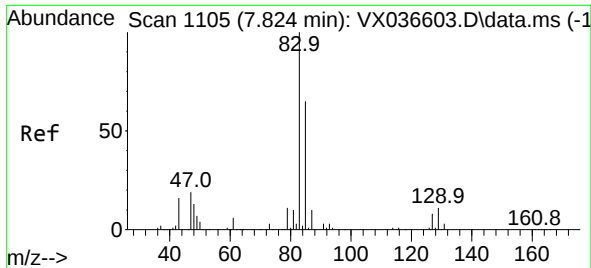
Ion Ratio Lower Upper

93 100

95 93.0 66.6 100.0

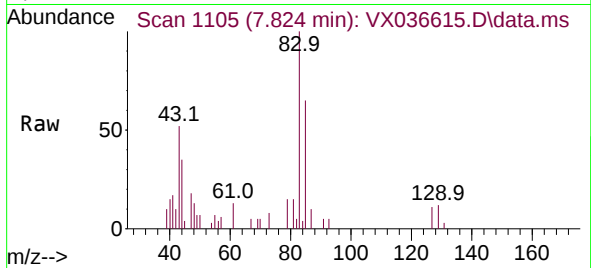
174 89.7 69.4 104.0





#47
Bromodichloromethane
Concen: 2.309 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX036615.D
Acq: 21 Jul 2023 17:41

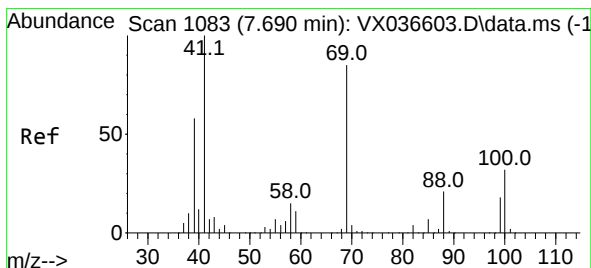
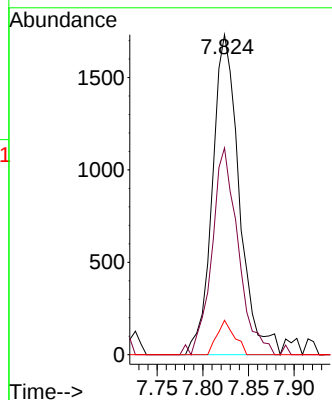
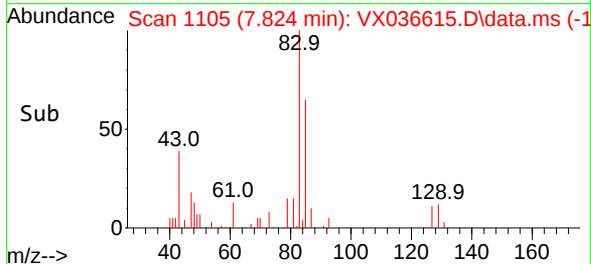
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT3-2023



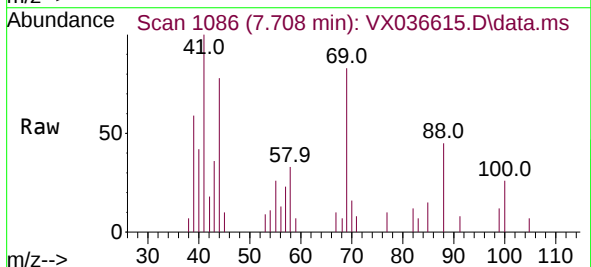
Tgt Ion: 83 Resp: 3549
Ion Ratio Lower Upper
83 100
85 64.6 49.8 74.6
127 10.7 7.1 10.7

Manual Integrations
APPROVED

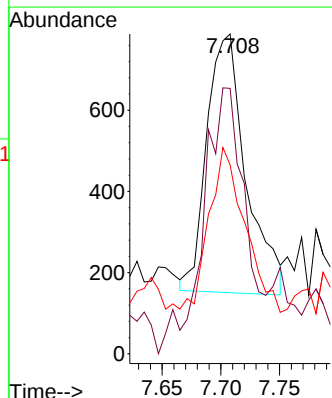
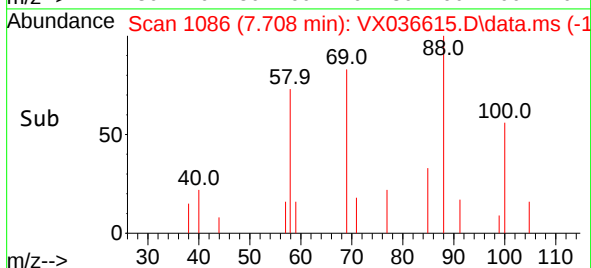
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

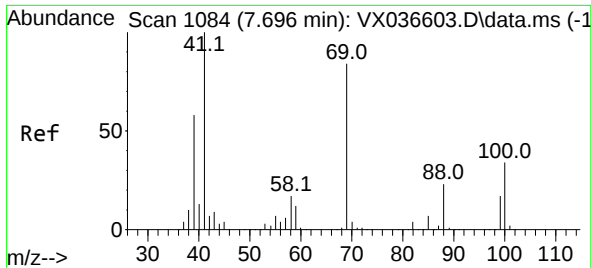


#48
Methyl methacrylate
Concen: 1.184 ug/l
RT: 7.708 min Scan# 1086
Delta R.T. 0.018 min
Lab File: VX036615.D
Acq: 21 Jul 2023 17:41



Tgt Ion: 41 Resp: 1477
Ion Ratio Lower Upper
41 100
69 110.6 59.2 88.8
39 58.2 47.7 71.5





#49

1,4-Dioxane

Concen: 37.567 ug/l

RT: 7.708 min Scan# 1086

Delta R.T. 0.012 min

Lab File: VX036615.D

Acq: 21 Jul 2023 17:41

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

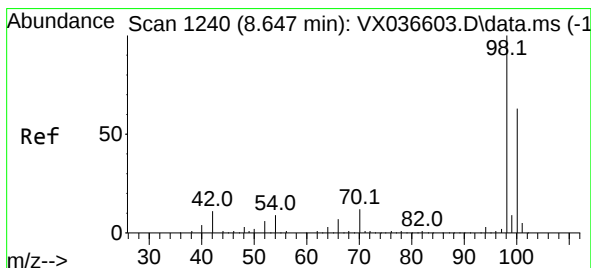
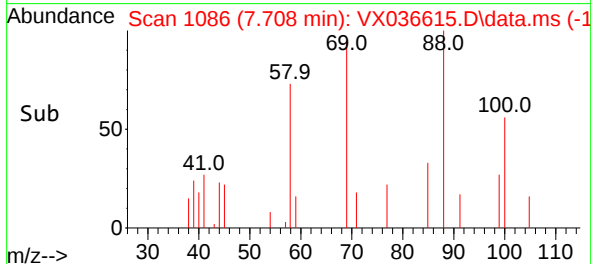
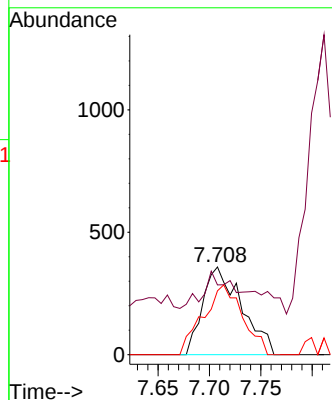
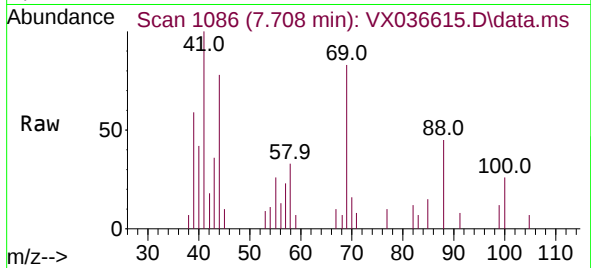
Tgt Ion: 88 Resp: 94
 Ion Ratio Lower Upper
 88 100
 43 56.9 0.0 0.0
 58 80.5 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#50

Toluene-d8

Concen: 47.865 ug/l

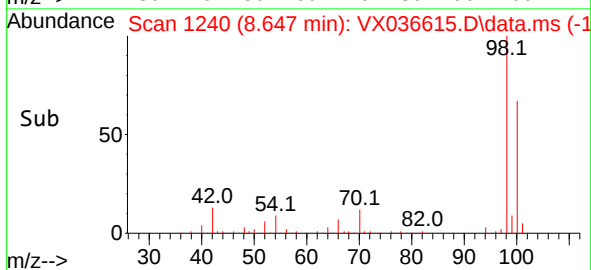
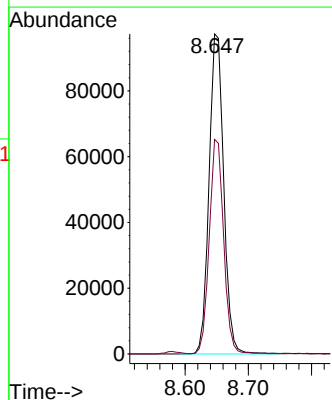
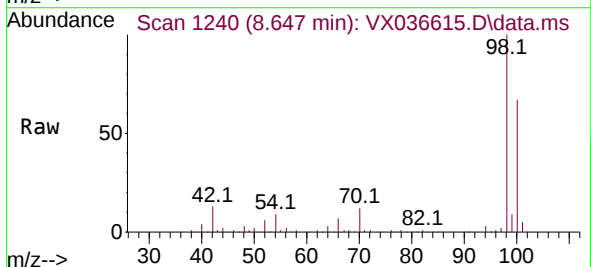
RT: 8.647 min Scan# 1240

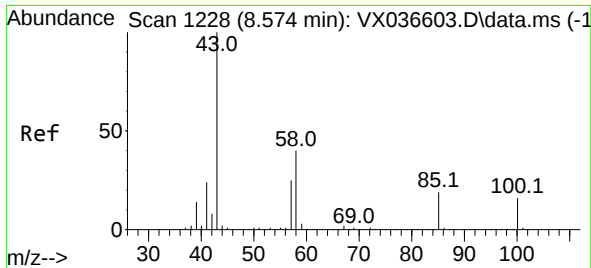
Delta R.T. -0.000 min

Lab File: VX036615.D

Acq: 21 Jul 2023 17:41

Tgt Ion: 98 Resp: 156835
 Ion Ratio Lower Upper
 98 100
 100 65.6 53.1 79.7





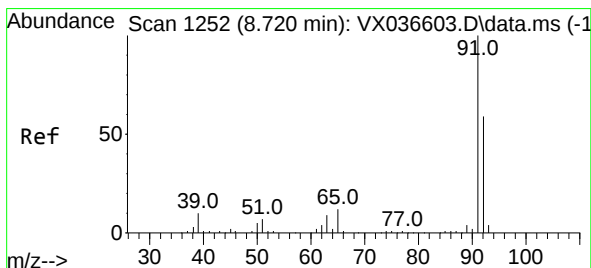
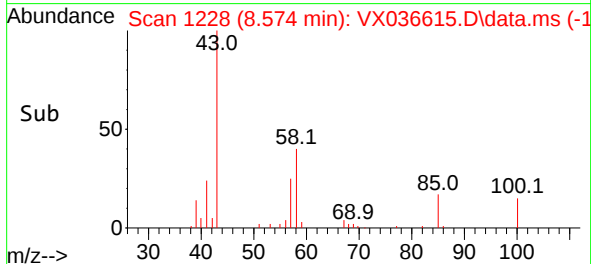
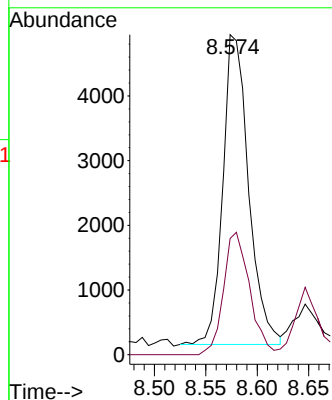
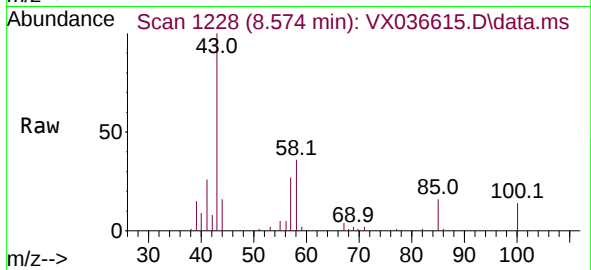
#51
4-Methyl-2-Pentanone
Concen: 5.628 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX036615.D
Acq: 21 Jul 2023 17:41

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

Tgt Ion: 43 Resp: 8350
Ion Ratio Lower Upper
43 100
58 40.0 30.4 45.6

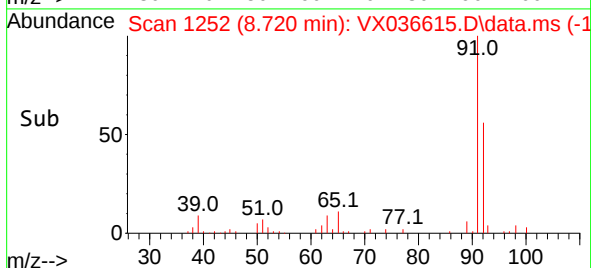
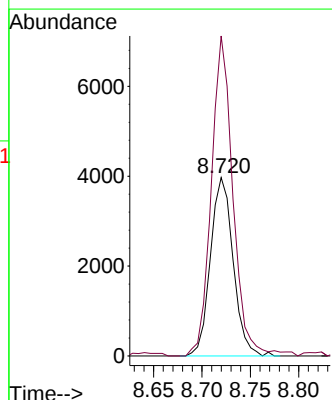
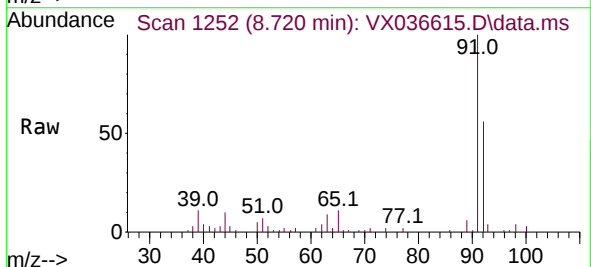
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#52
Toluene
Concen: 2.584 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX036615.D
Acq: 21 Jul 2023 17:41

Tgt Ion: 92 Resp: 6488
Ion Ratio Lower Upper
92 100
91 171.3 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 1.721 ug/l

RT: 8.988 min Scan# 1195

Delta R.T. 0.012 min

Lab File: VX036615.D

Acq: 21 Jul 2023 17:41

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

Tgt Ion: 75 Resp: 2989

Ion Ratio Lower Upper

75 100

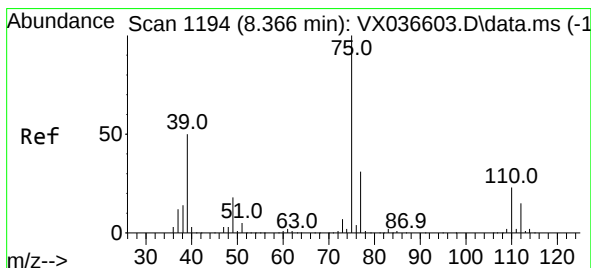
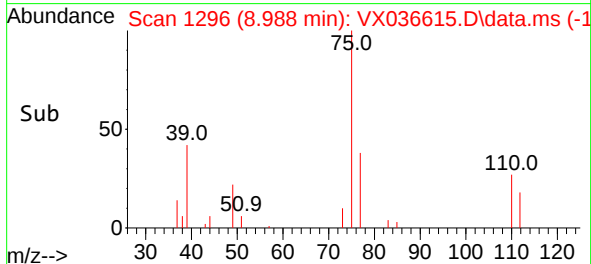
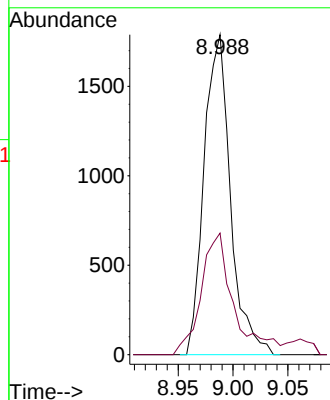
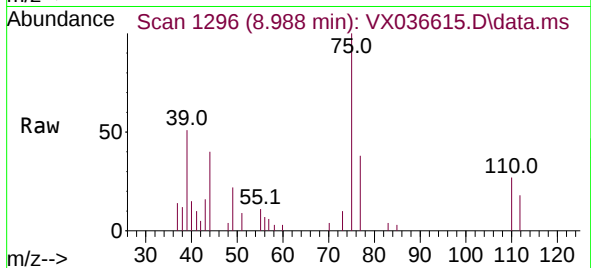
77 35.2 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#54

cis-1,3-Dichloropropene

Concen: 2.006 ug/l

RT: 8.372 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX036615.D

Acq: 21 Jul 2023 17:41

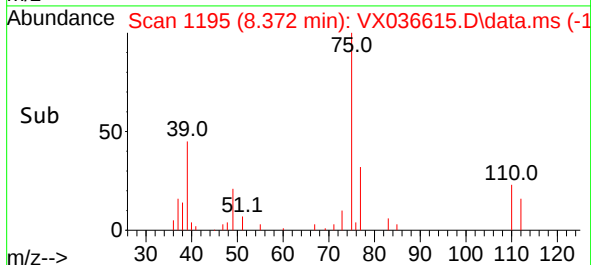
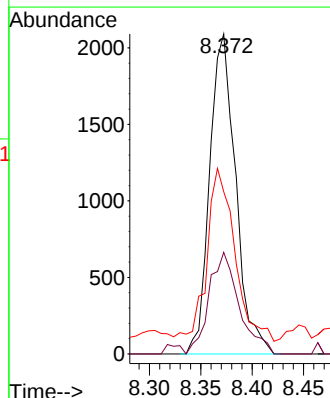
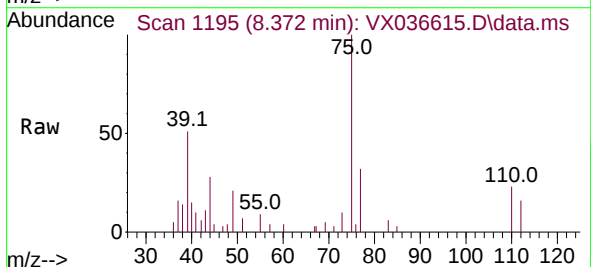
Tgt Ion: 75 Resp: 3676

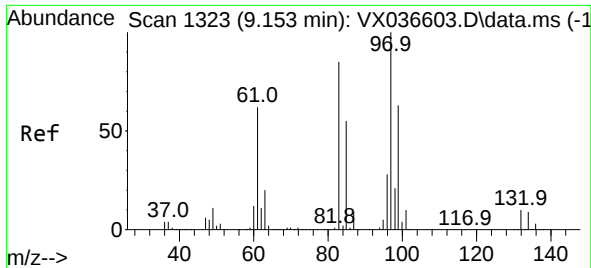
Ion Ratio Lower Upper

75 100

77 31.8 25.3 37.9

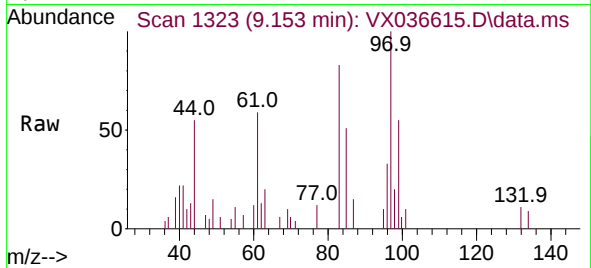
39 46.0 46.7 70.1#





#55
1,1,2-Trichloroethane
Concen: 1.793 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX036615.D
Acq: 21 Jul 2023 17:41

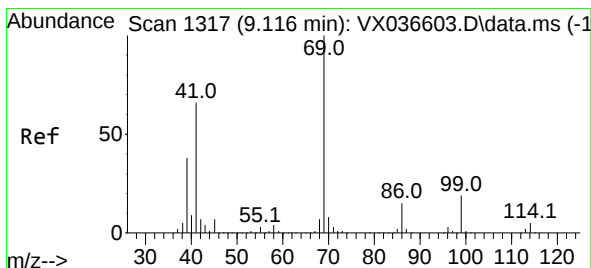
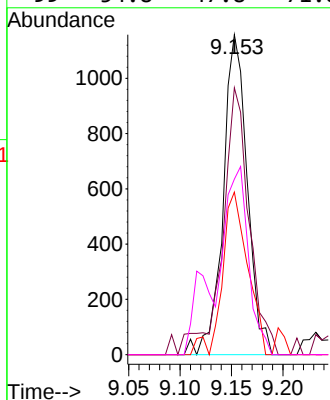
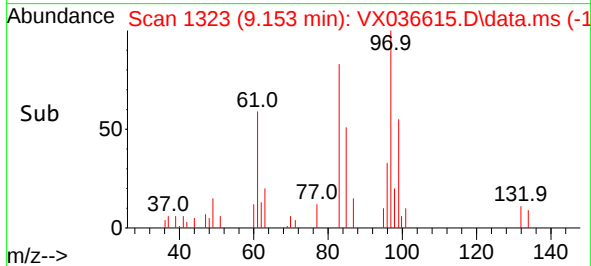
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT3-2023



Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.4	65.8	98.8
85	50.8	41.6	62.4
99	54.8	47.8	71.8

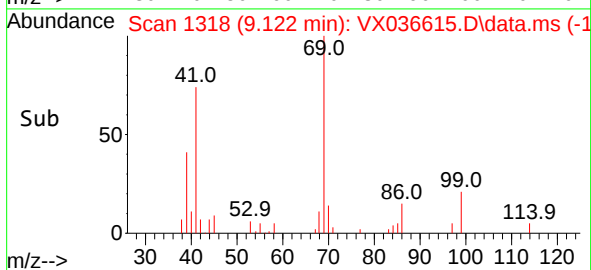
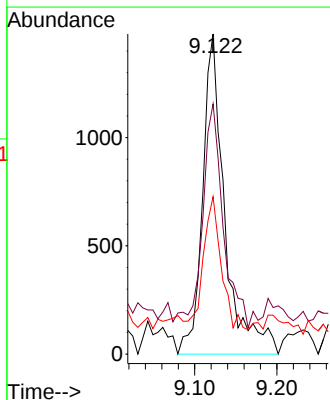
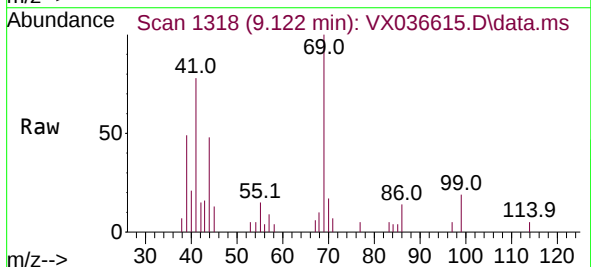
Manual Integrations
APPROVED

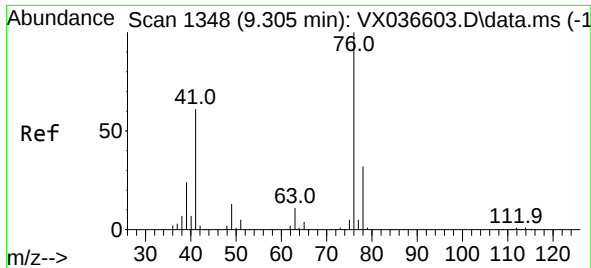
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#56
Ethyl methacrylate
Concen: 1.611 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VX036615.D
Acq: 21 Jul 2023 17:41

Tgt Ion	Ratio	Lower	Upper
69	100		
41	58.7	56.8	85.2
39	36.5	32.0	48.0





#57

1,3-Dichloropropane

Concen: 1.763 ug/l

RT: 9.311 min Scan# 11349

Delta R.T. 0.006 min

Lab File: VX036615.D

Acq: 21 Jul 2023 17:41

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

Tgt Ion: 76 Resp: 3099

Ion Ratio Lower Upper

76 100

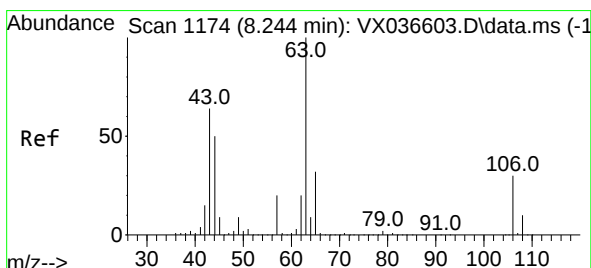
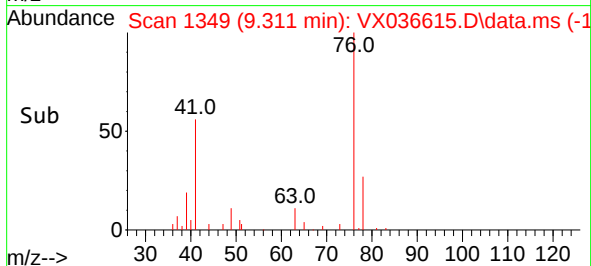
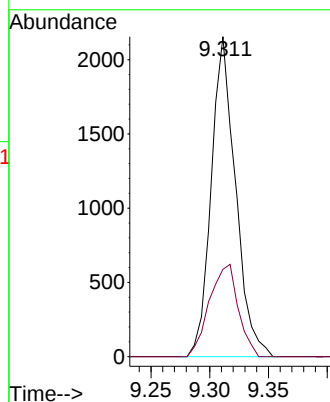
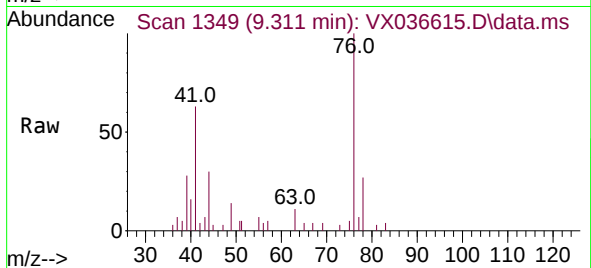
78 34.1 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#58

2-Chloroethyl Vinyl ether

Concen: 6.687 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.000 min

Lab File: VX036615.D

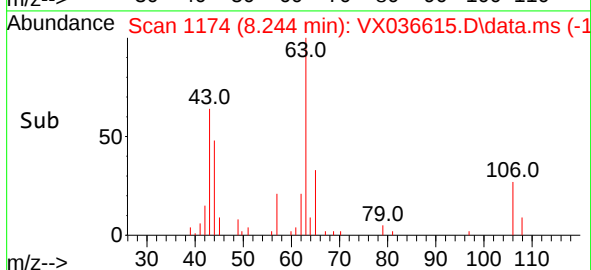
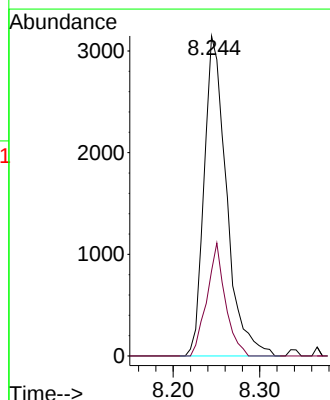
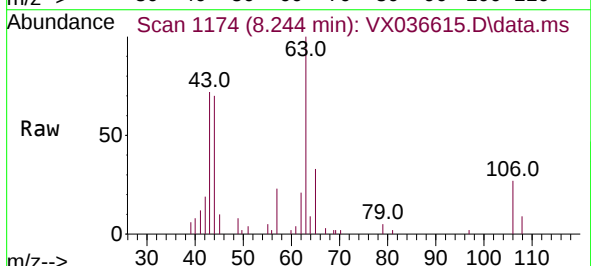
Acq: 21 Jul 2023 17:41

Tgt Ion: 63 Resp: 5662

Ion Ratio Lower Upper

63 100

106 29.1 22.5 33.7





#59

2-Hexanone

Concen: 5.320 ug/l

RT: 9.439 min Scan# 1370

Delta R.T. 0.012 min

Lab File: VX036615.D

Acq: 21 Jul 2023 17:41

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

Tgt Ion: 43 Resp: 586

Ion Ratio Lower Upper

43 100

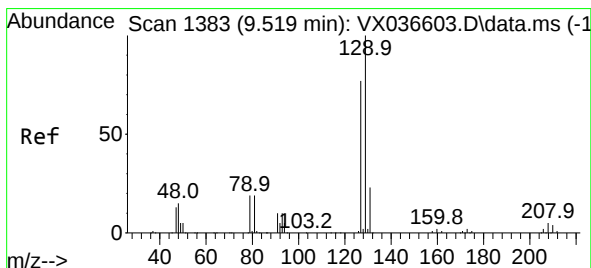
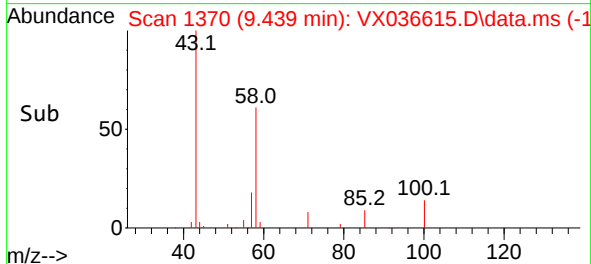
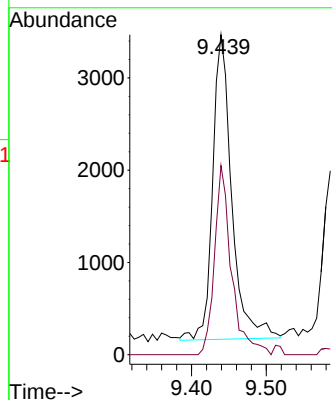
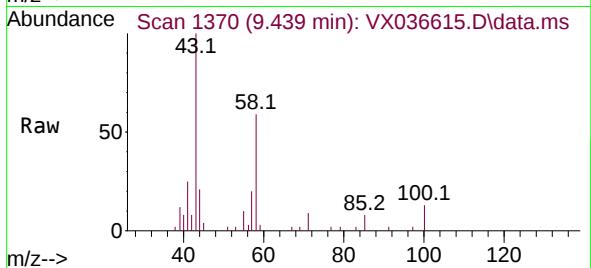
58 55.2 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#60

Dibromochloromethane

Concen: 1.715 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX036615.D

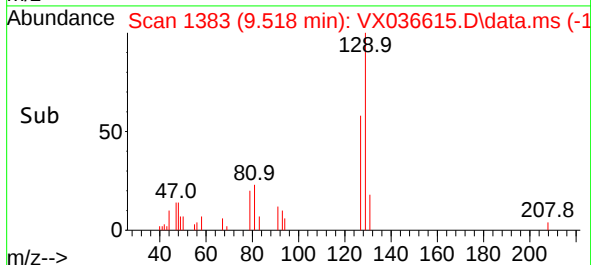
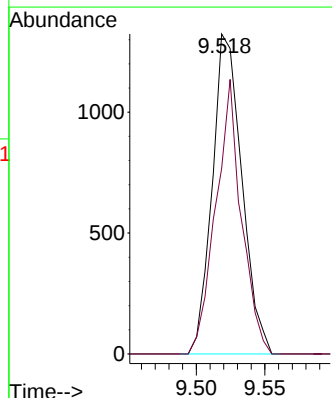
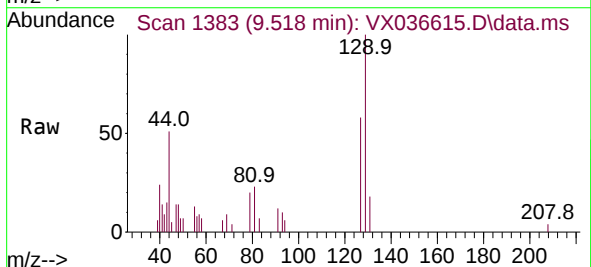
Acq: 21 Jul 2023 17:41

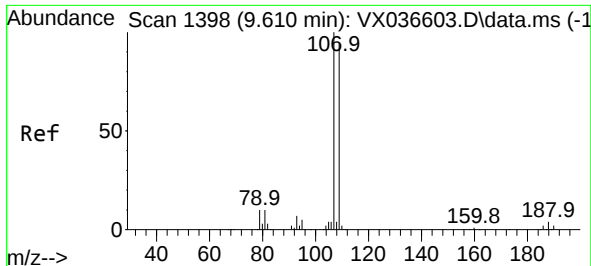
Tgt Ion:129 Resp: 1989

Ion Ratio Lower Upper

129 100

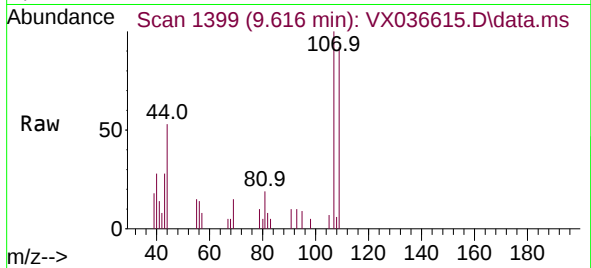
127 74.4 38.8 116.4





#61
1,2-Dibromoethane
Concen: 1.570 ug/l
RT: 9.616 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VX036615.D
Acq: 21 Jul 2023 17:41

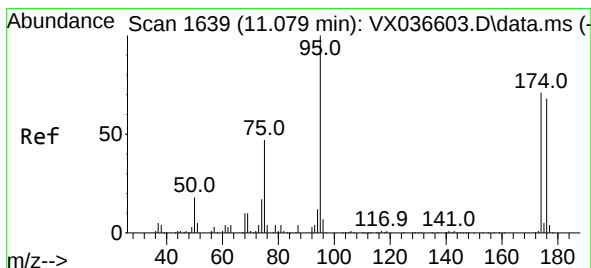
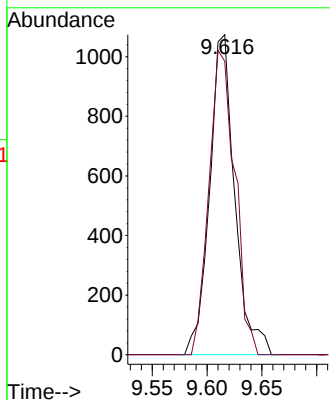
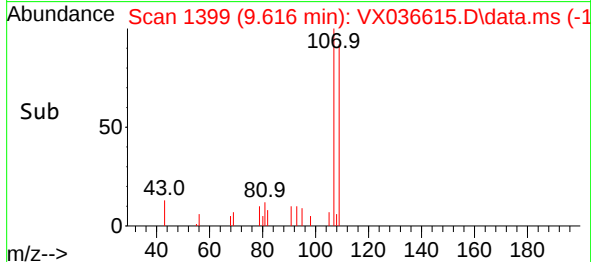
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023



Tgt Ion:107 Resp: 171
Ion Ratio Lower Upper
107 100
109 97.8 75.2 112.8

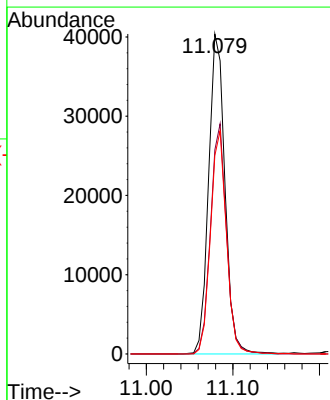
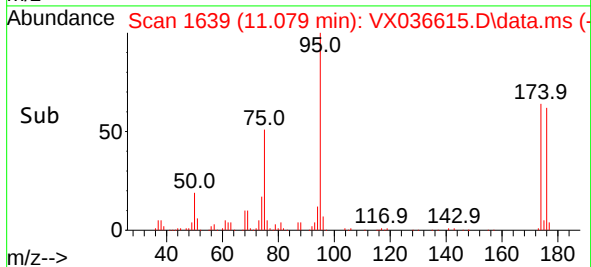
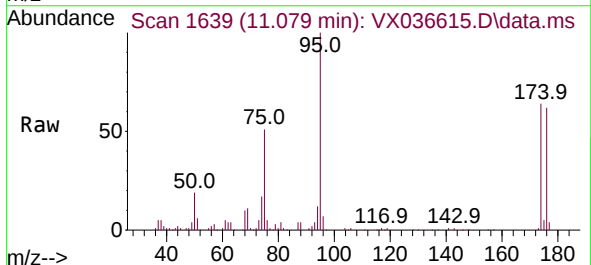
Manual Integrations
APPROVED

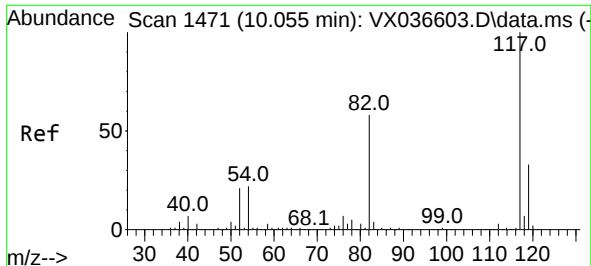
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#62
4-Bromofluorobenzene
Concen: 42.756 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX036615.D
Acq: 21 Jul 2023 17:41

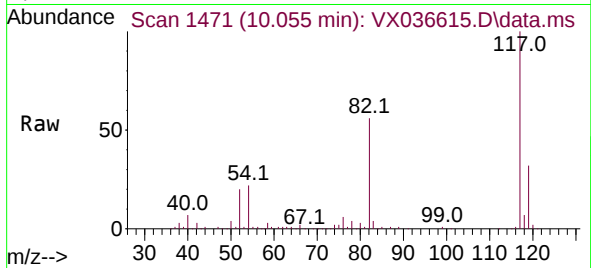
Tgt Ion: 95 Resp: 52855
Ion Ratio Lower Upper
95 100
174 70.4 0.0 135.6
176 68.2 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036615.D
Acq: 21 Jul 2023 17:41

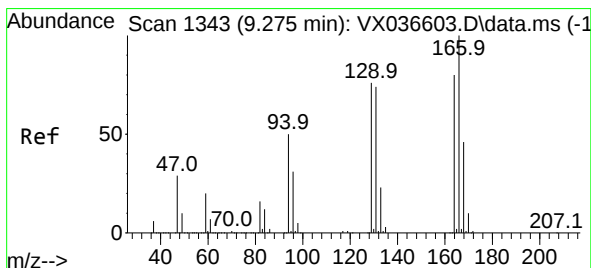
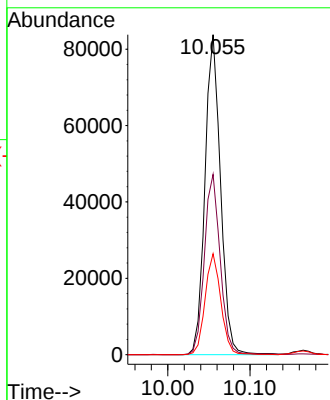
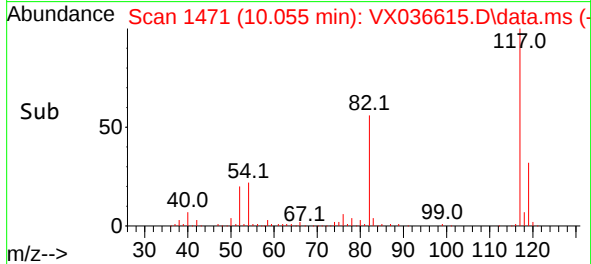
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT3-2023



Tgt Ion:117 Resp: 11021
Ion Ratio Lower Upper
117 100
82 56.4 46.2 69.4
119 31.5 25.5 38.3

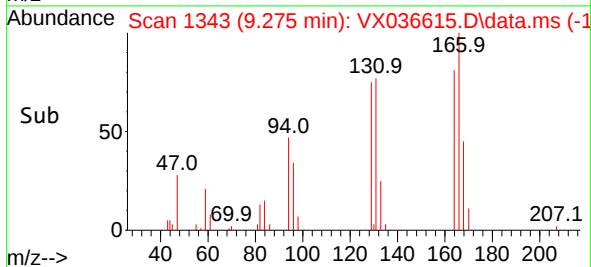
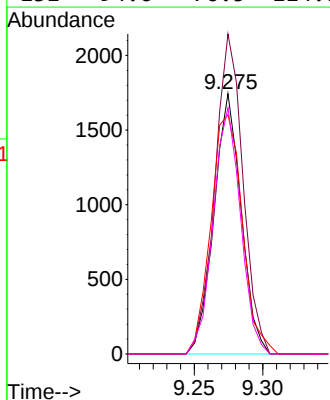
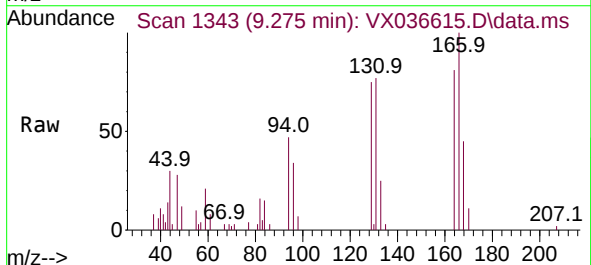
Manual Integrations
APPROVED

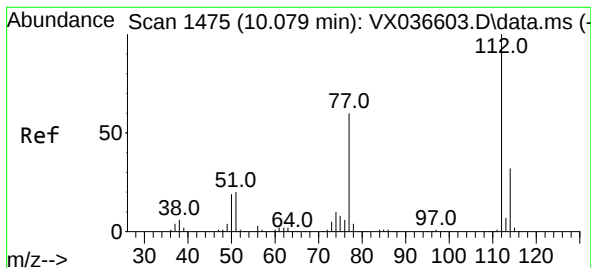
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#64
Tetrachloroethene
Concen: 2.929 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX036615.D
Acq: 21 Jul 2023 17:41

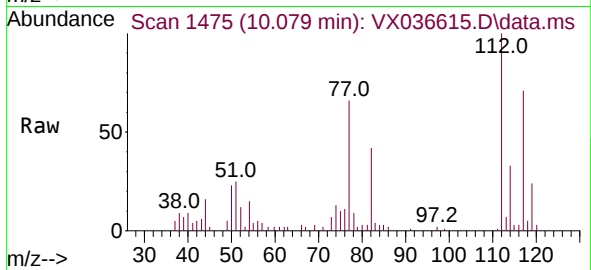
Tgt Ion:164 Resp: 2408
Ion Ratio Lower Upper
164 100
166 122.9 102.7 154.1
129 91.9 80.4 120.6
131 94.6 76.5 114.7





#65
Chlorobenzene
Concen: 2.578 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX036615.D
Acq: 21 Jul 2023 17:41

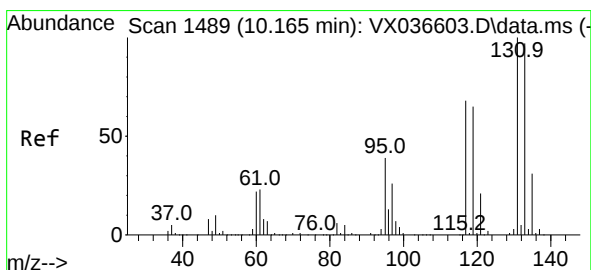
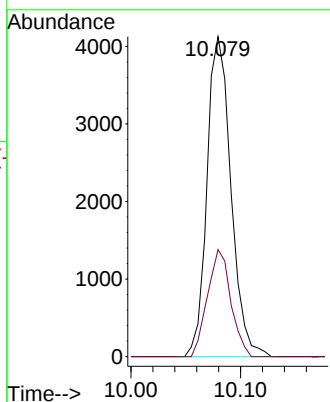
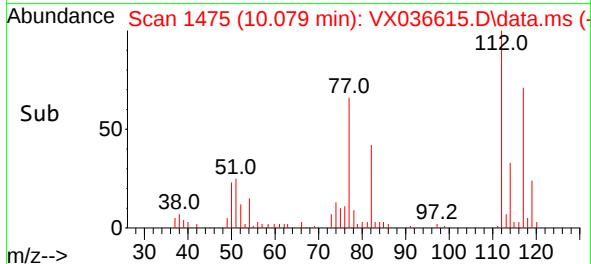
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023



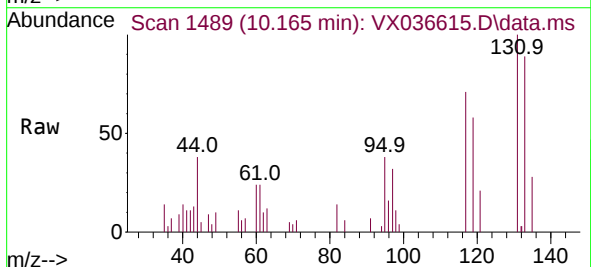
Tgt Ion:112 Resp: 6264
Ion Ratio Lower Upper
112 100
114 33.4 25.7 38.5

Manual Integrations
APPROVED

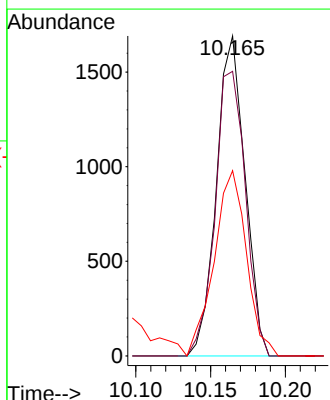
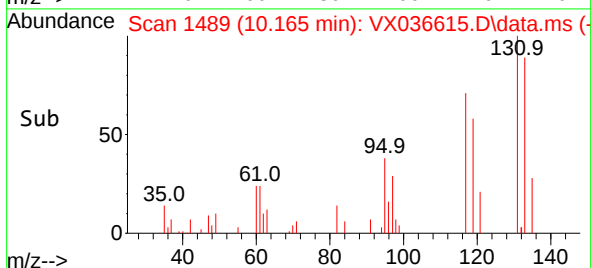
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

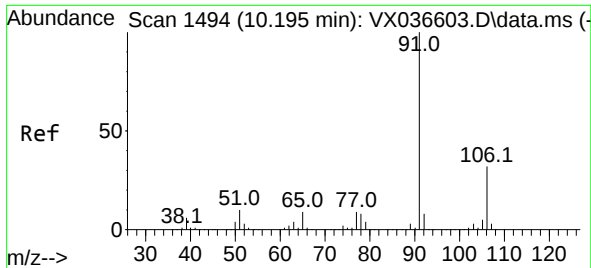


#66
1,1,1,2-Tetrachloroethane
Concen: 2.392 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX036615.D
Acq: 21 Jul 2023 17:41



Tgt Ion:131 Resp: 2246
Ion Ratio Lower Upper
131 100
133 94.5 47.1 141.4
119 65.5 32.2 96.6





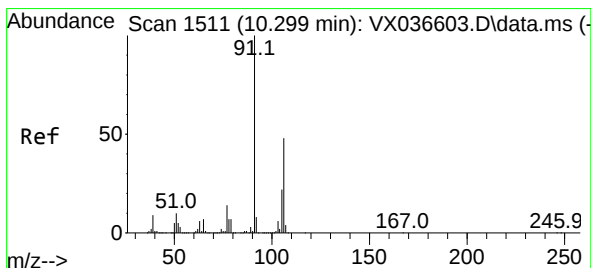
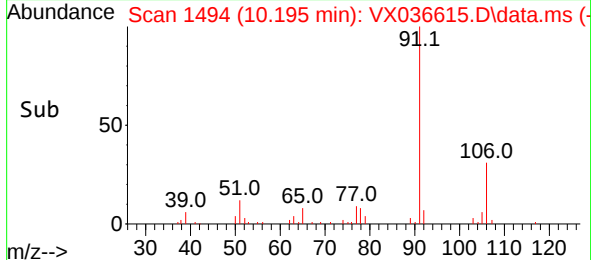
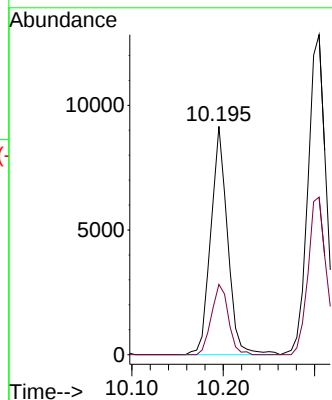
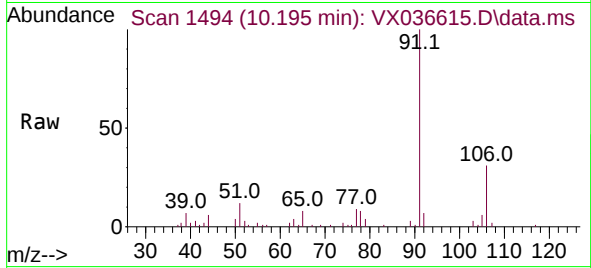
#67
Ethyl Benzene
Concen: 2.628 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX036615.D
Acq: 21 Jul 2023 17:41

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

Tgt Ion: 91 Resp: 1166
Ion Ratio Lower Upper
91 100
106 30.7 24.9 37.3

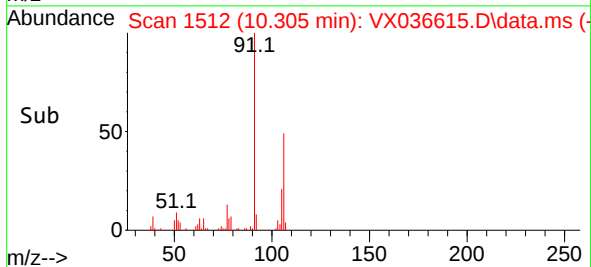
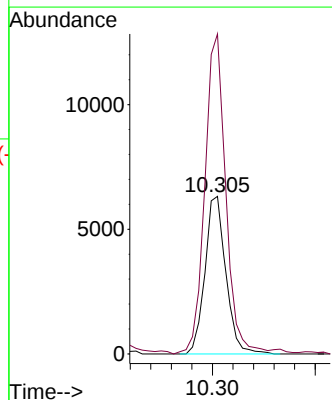
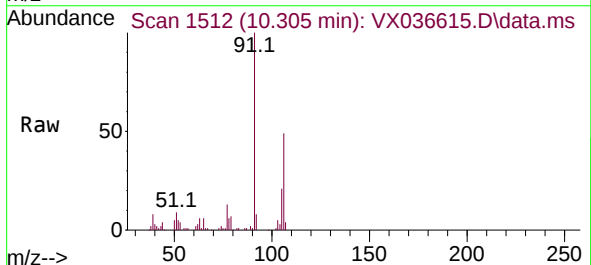
Manual Integrations
APPROVED

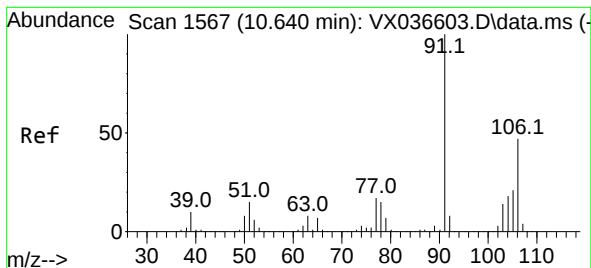
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#68
m/p-Xylenes
Concen: 5.398 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX036615.D
Acq: 21 Jul 2023 17:41

Tgt Ion:106 Resp: 8939
Ion Ratio Lower Upper
106 100
91 205.0 165.5 248.3





#69

o-Xylene

Concen: 2.532 ug/l

RT: 10.640 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX036615.D

Acq: 21 Jul 2023 17:41

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

Tgt Ion:106 Resp: 418

Ion Ratio Lower Upper

106 100

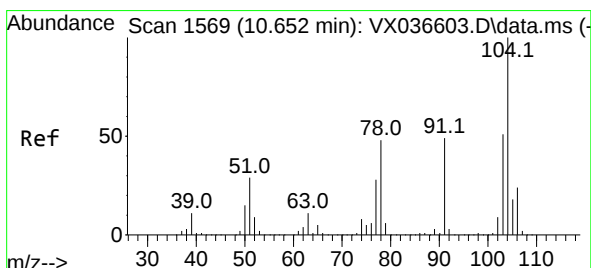
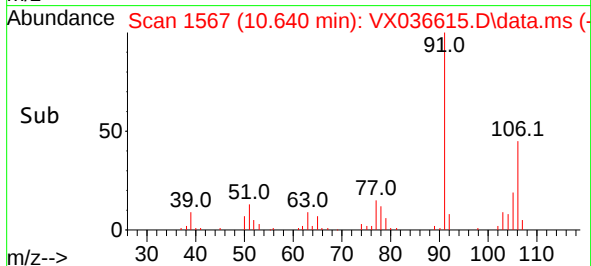
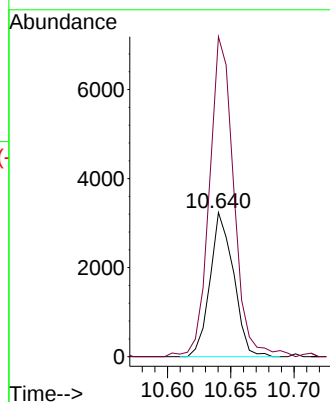
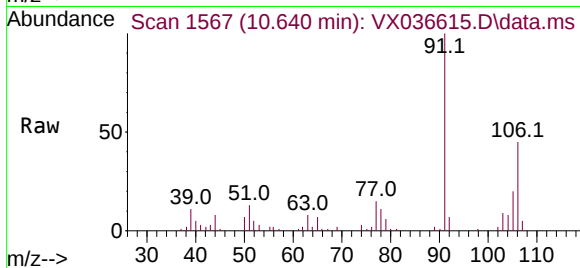
91 230.7 108.9 326.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#70

Styrene

Concen: 2.412 ug/l

RT: 10.659 min Scan# 1570

Delta R.T. 0.006 min

Lab File: VX036615.D

Acq: 21 Jul 2023 17:41

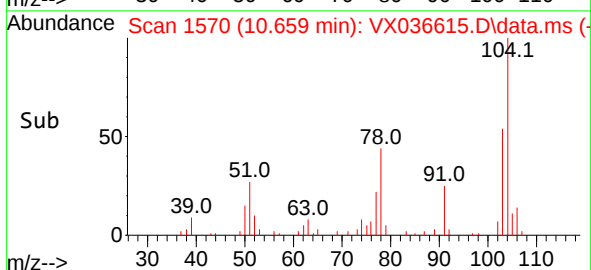
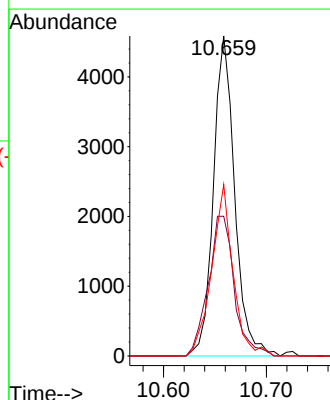
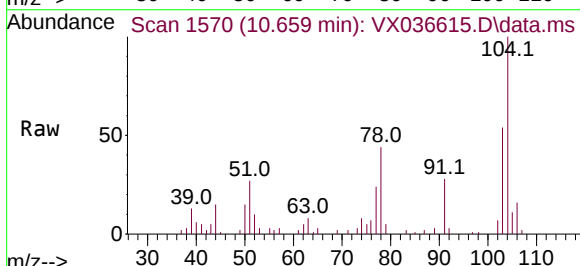
Tgt Ion:104 Resp: 6577

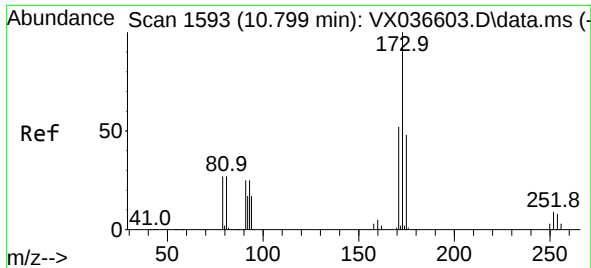
Ion Ratio Lower Upper

104 100

78 53.5 43.6 65.4

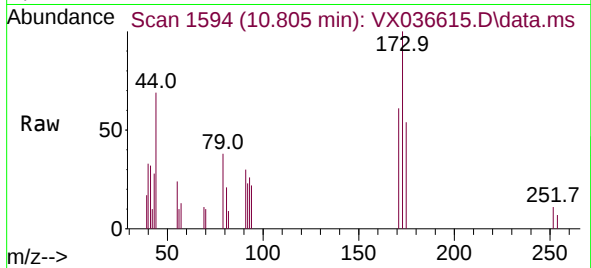
103 53.9 43.6 65.4





#71
Bromoform
Concen: 1.425 ug/l
RT: 10.805 min Scan# 1593
Delta R.T. 0.006 min
Lab File: VX036615.D
Acq: 21 Jul 2023 17:41

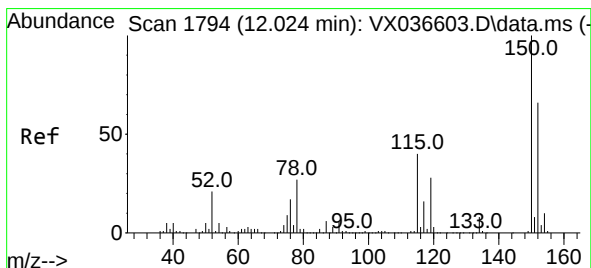
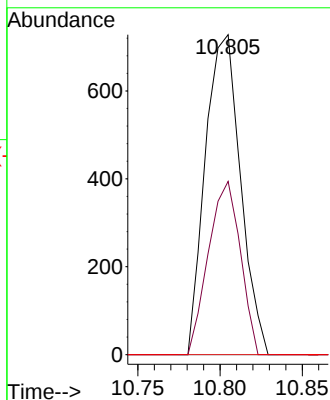
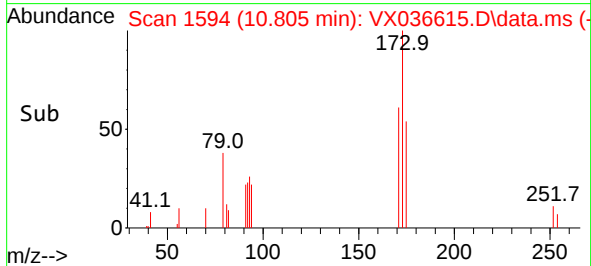
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023



Tgt Ion:173 Resp: 1083
Ion Ratio Lower Upper
173 100
175 49.0 24.1 72.4
254 0.0 0.0 0.0

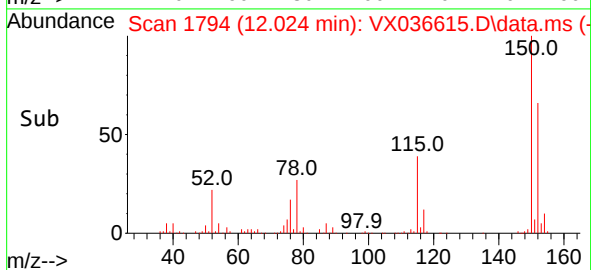
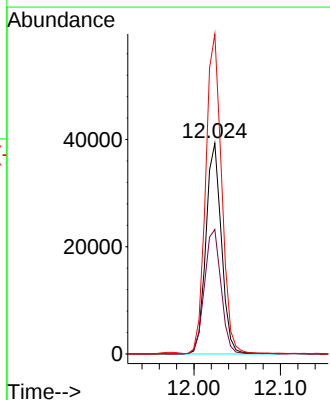
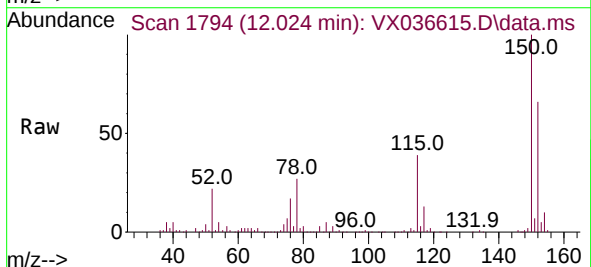
Manual Integrations
APPROVED

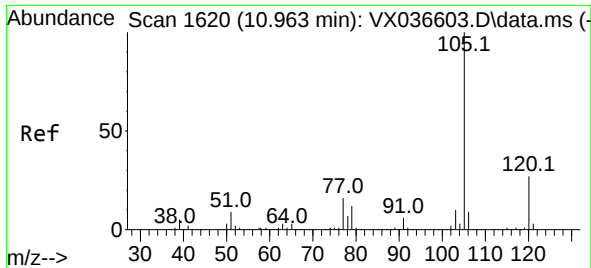
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX036615.D
Acq: 21 Jul 2023 17:41

Tgt Ion:152 Resp: 48984
Ion Ratio Lower Upper
152 100
115 63.4 43.3 129.9
150 155.2 0.0 345.0





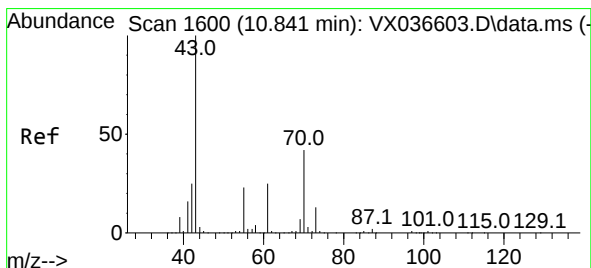
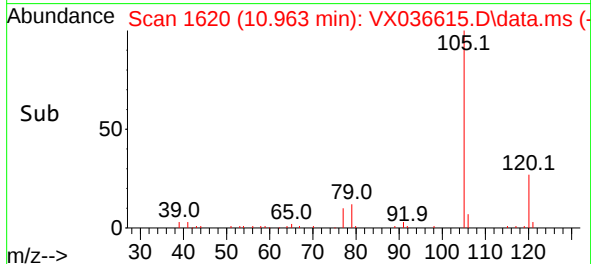
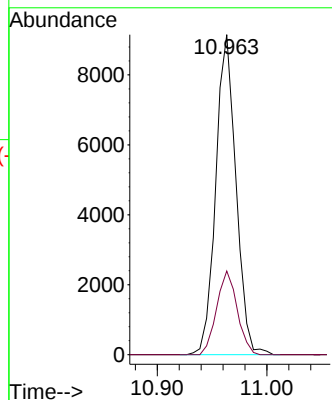
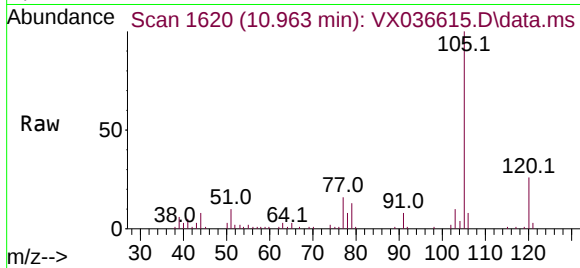
#73
Isopropylbenzene
Concen: 2.886 ug/l
RT: 10.963 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VX036615.D
Acq: 21 Jul 2023 17:41

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

Tgt Ion:105 Resp: 1169
Ion Ratio Lower Upper
105 100
120 26.6 12.9 38.6

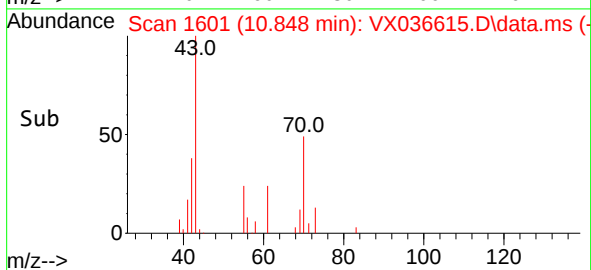
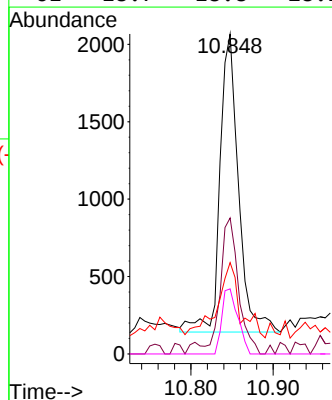
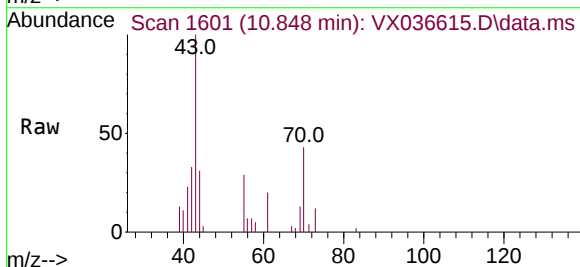
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#74
N-ethyl acetate
Concen: 1.598 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VX036615.D
Acq: 21 Jul 2023 17:41

Tgt Ion: 43 Resp: 3021
Ion Ratio Lower Upper
43 100
70 44.0 32.9 49.3
55 31.8 19.3 28.9#
61 18.7 18.8 28.2#





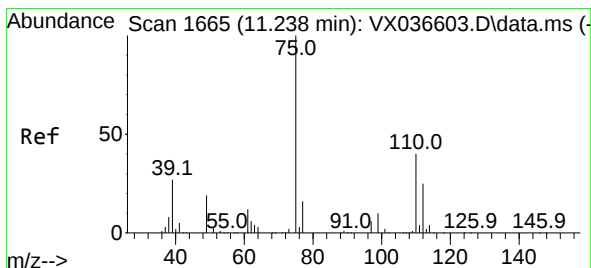
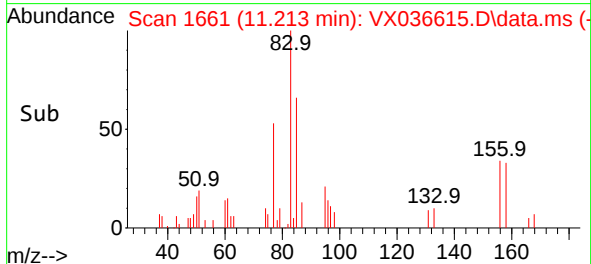
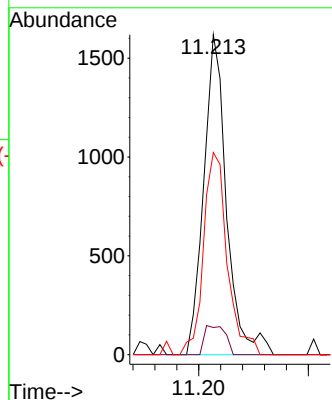
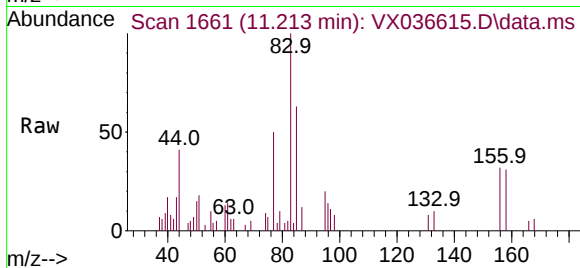
#75
1,1,2,2-Tetrachloroethane
Concen: 1.703 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX036615.D
Acq: 21 Jul 2023 17:41

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

Tgt Ion: 83 Resp: 233
Ion Ratio Lower Upper
83 100
131 8.2 5.3 15.8
85 65.6 32.0 96.2

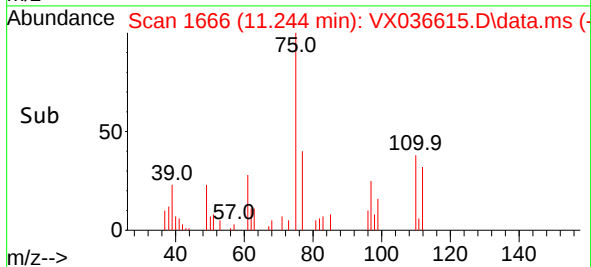
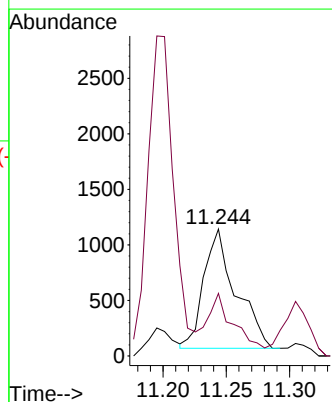
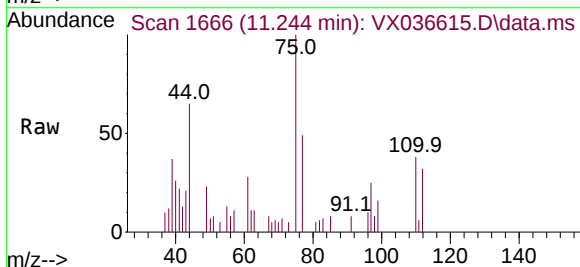
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#76
1,2,3-Trichloropropane
Concen: 1.651 ug/l
RT: 11.244 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VX036615.D
Acq: 21 Jul 2023 17:41

Tgt Ion: 75 Resp: 1902
Ion Ratio Lower Upper
75 100
77 45.9 19.1 57.5





#77

Bromobenzene

Concen: 2.338 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX036615.D

Acq: 21 Jul 2023 17:41

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

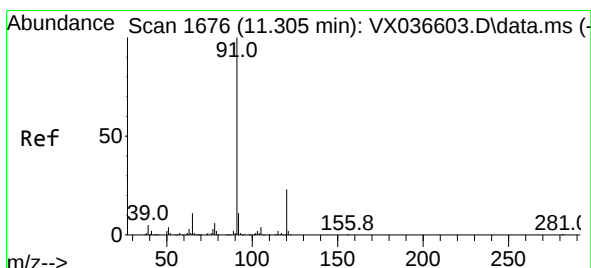
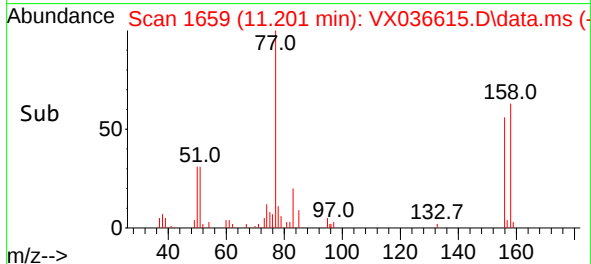
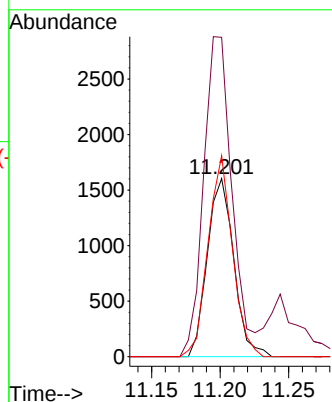
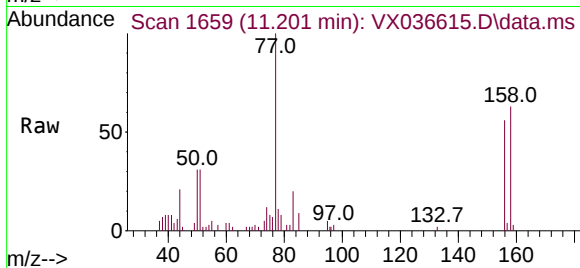
Tgt Ion:	156	Resp:	2158
Ion Ratio	Lower	Upper	
156	100		
77	191.8	88.4	265.3
158	104.1	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#78

n-propylbenzene

Concen: 2.820 ug/l

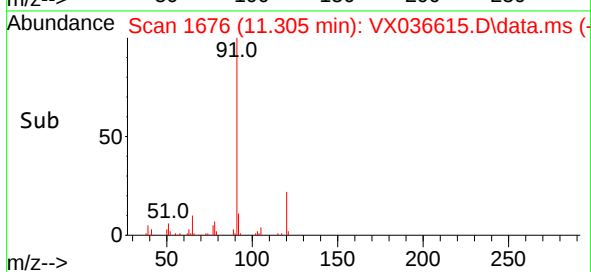
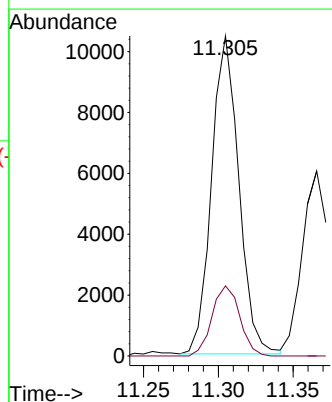
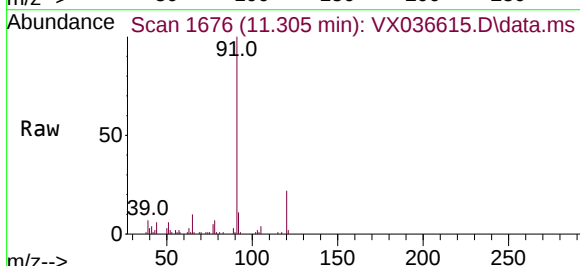
RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX036615.D

Acq: 21 Jul 2023 17:41

Tgt Ion:	91	Resp:	13223
Ion Ratio	Lower	Upper	
91	100		
120	22.4	11.5	34.4





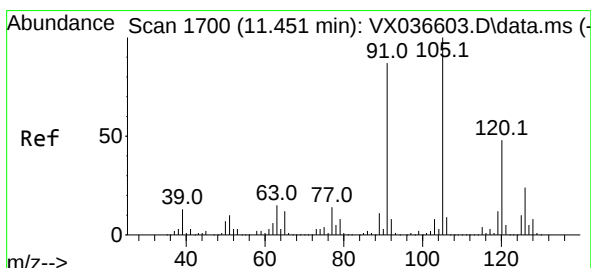
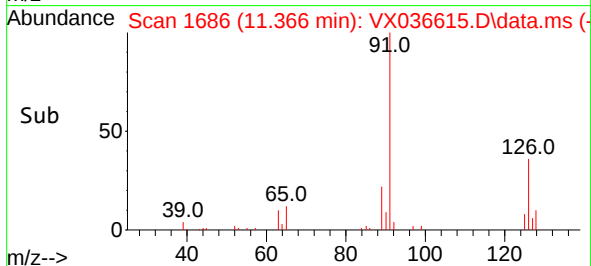
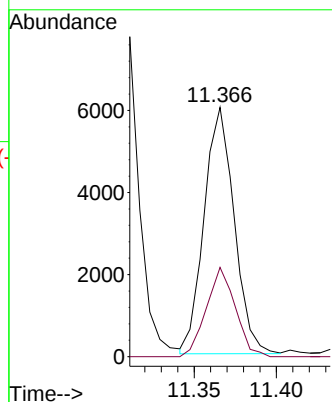
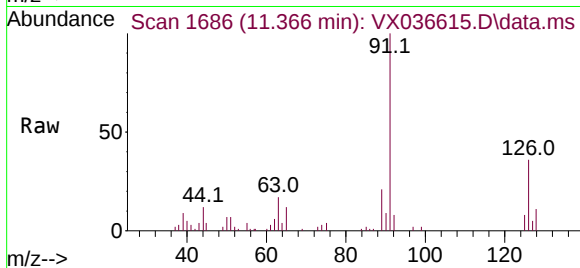
#79
2-Chlorotoluene
Concen: 2.694 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX036615.D
Acq: 21 Jul 2023 17:41

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

Tgt Ion: 91 Resp: 765
Ion Ratio Lower Upper
91 100
126 34.7 16.3 48.8

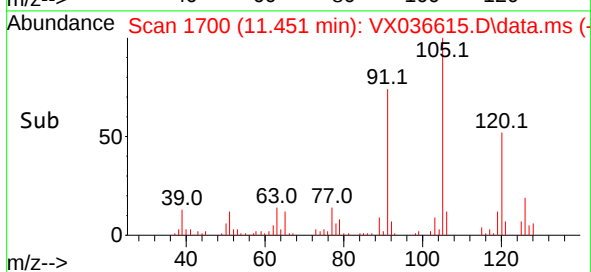
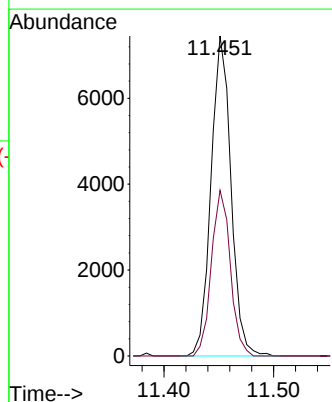
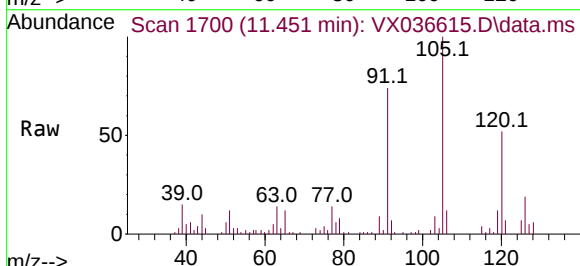
Manual Integrations
APPROVED

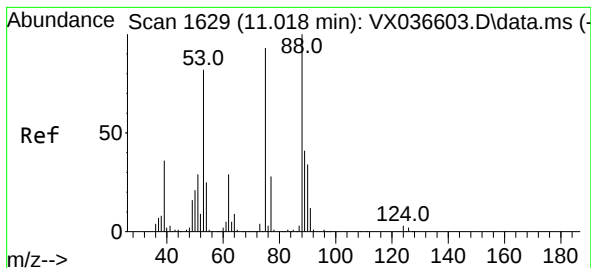
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#80
1,3,5-Trimethylbenzene
Concen: 2.776 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX036615.D
Acq: 21 Jul 2023 17:41

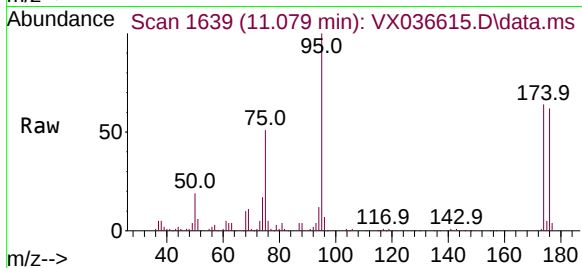
Tgt Ion:105 Resp: 9415
Ion Ratio Lower Upper
105 100
120 49.1 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 52.716 ug/l
RT: 11.079 min Scan# 1629
Delta R.T. 0.061 min
Lab File: VX036615.D
Acq: 21 Jul 2023 17:41

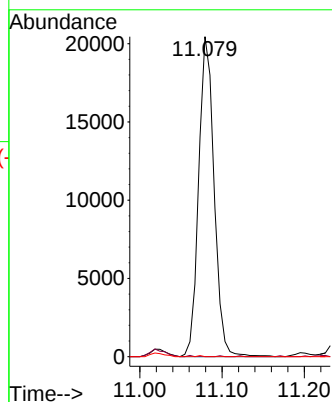
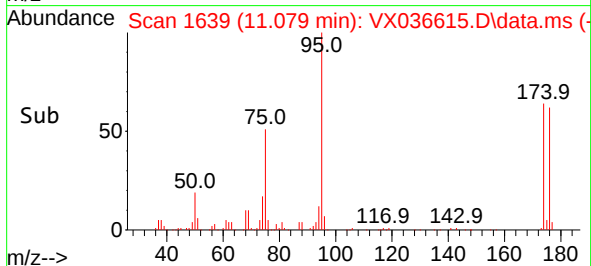
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023



Tgt Ion: 75 Resp: 2679
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7
89 0.1 36.9 55.3

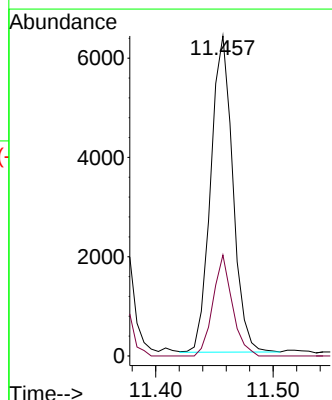
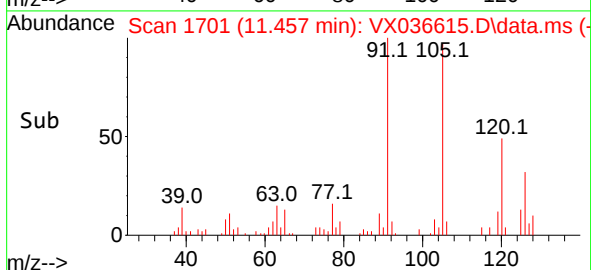
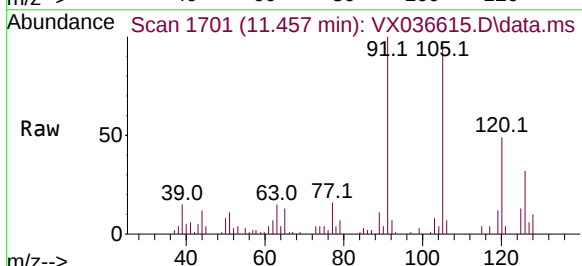
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#82
4-Chlorotoluene
Concen: 2.571 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX036615.D
Acq: 21 Jul 2023 17:41

Tgt Ion: 91 Resp: 8323
Ion Ratio Lower Upper
91 100
126 28.0 14.2 42.6





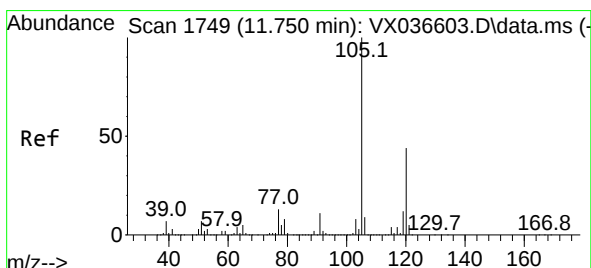
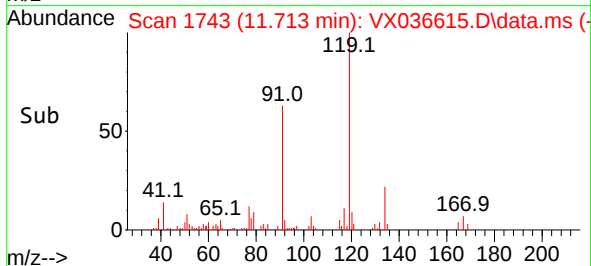
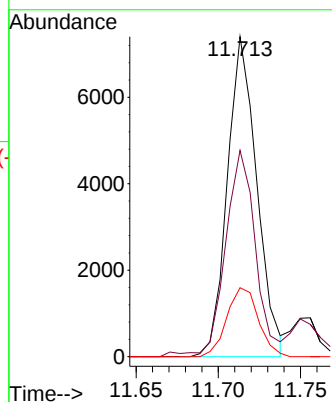
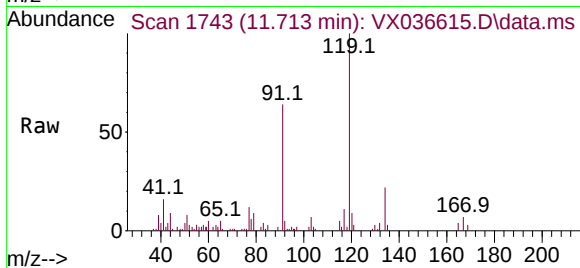
#83
tert-Butylbenzene
Concen: 2.776 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX036615.D
Acq: 21 Jul 2023 17:41

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

Tgt Ion:119 Resp: 9249
Ion Ratio Lower Upper
119 100
91 65.8 31.2 93.6
134 23.1 11.7 35.0

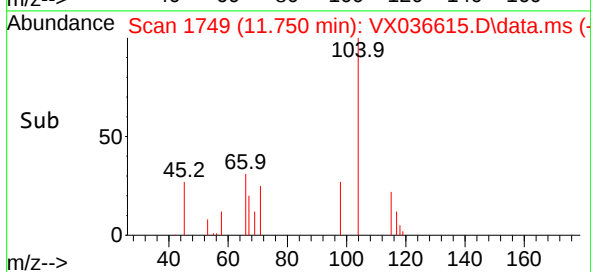
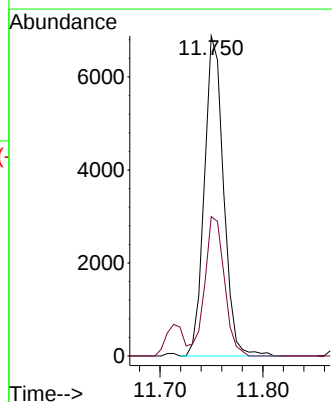
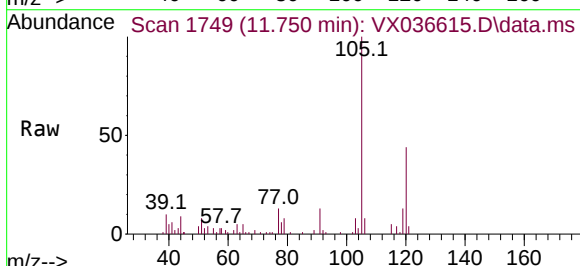
Manual Integrations
APPROVED

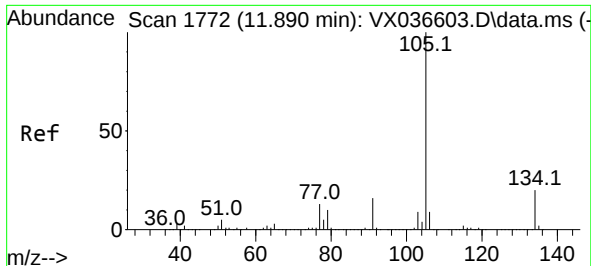
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#84
1,2,4-Trimethylbenzene
Concen: 2.636 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX036615.D
Acq: 21 Jul 2023 17:41

Tgt Ion:105 Resp: 8941
Ion Ratio Lower Upper
105 100
120 44.9 21.2 63.6





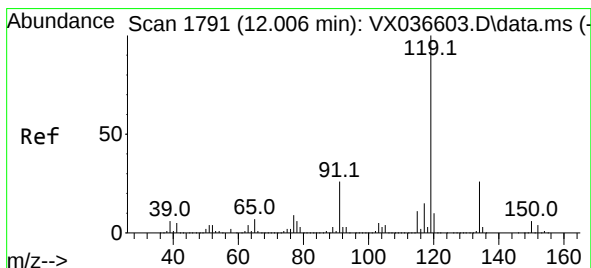
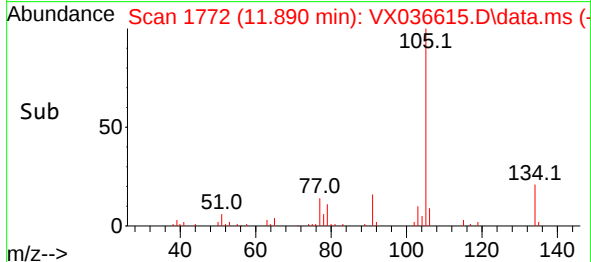
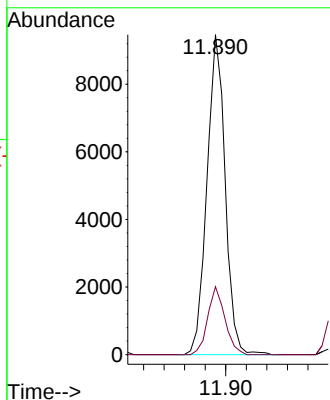
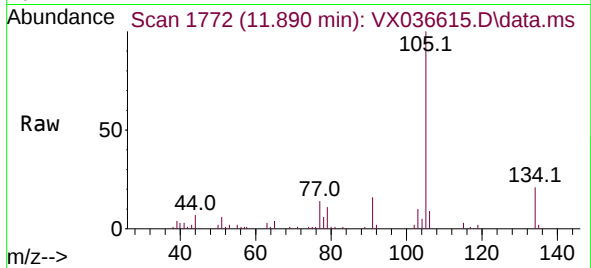
#85
 sec-Butylbenzene
 Concen: 2.798 ug/l
 RT: 11.890 min Scan# 1162
 Delta R.T. -0.000 min
 Lab File: VX036615.D
 Acq: 21 Jul 2023 17:41

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

Tgt Ion:105 Resp: 1162
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.8 29.4

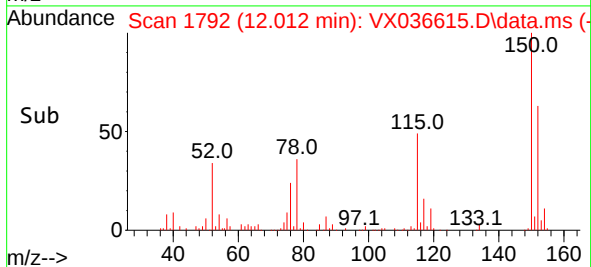
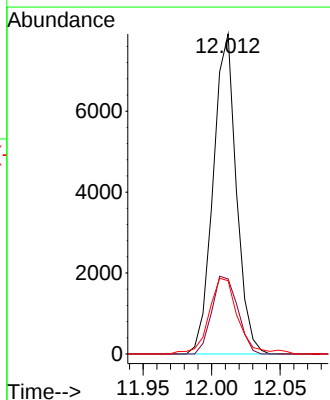
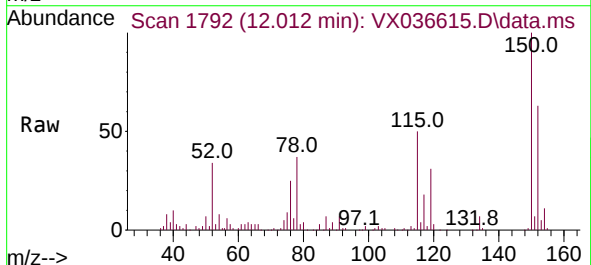
Manual Integrations
 APPROVED

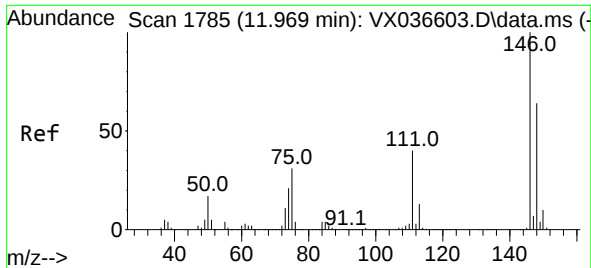
Reviewed By :John Carlone 07/24/2023
 Supervised By :Mahesh Dadoda 07/24/2023



#86
 p-Isopropyltoluene
 Concen: 2.721 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX036615.D
 Acq: 21 Jul 2023 17:41

Tgt Ion:119 Resp: 9304
 Ion Ratio Lower Upper
 119 100
 134 27.0 12.8 38.3
 91 29.6 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 2.584 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX036615.D

Acq: 21 Jul 2023 17:41

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

Tgt Ion:146 Resp: 4419

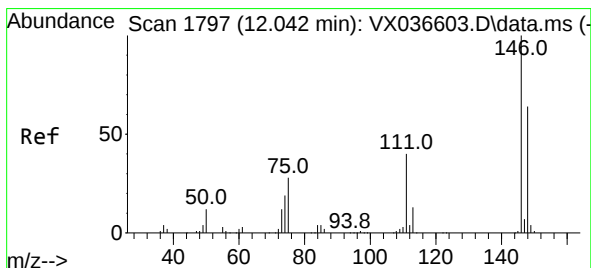
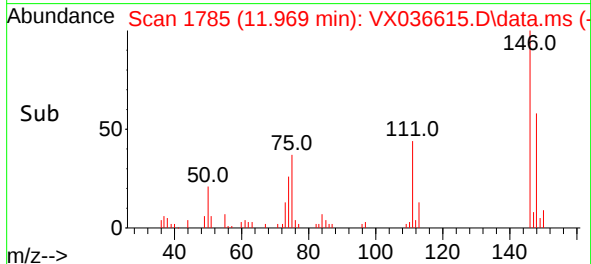
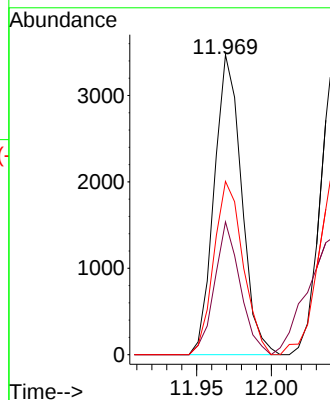
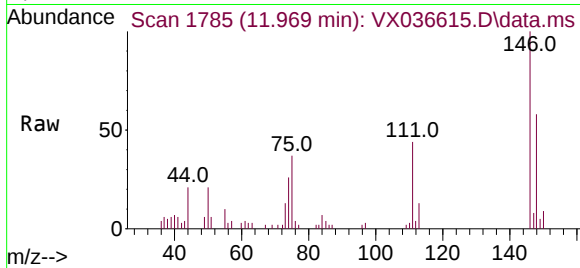
Ion	Ratio	Lower	Upper
146	100		
111	41.6	22.1	66.1
148	61.6	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#88

1,4-Dichlorobenzene

Concen: 2.631 ug/l

RT: 12.042 min Scan# 1797

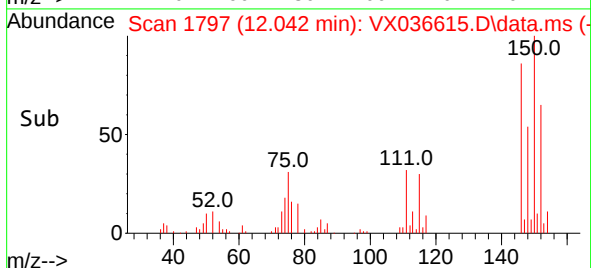
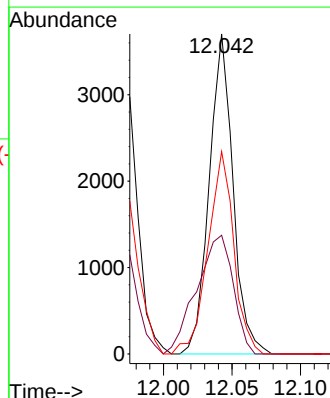
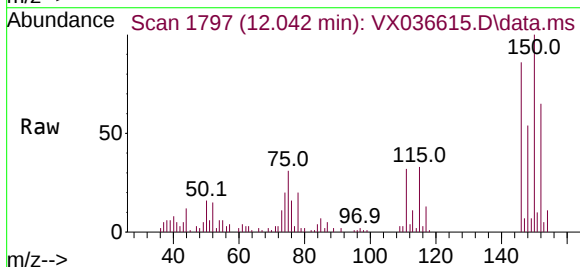
Delta R.T. -0.000 min

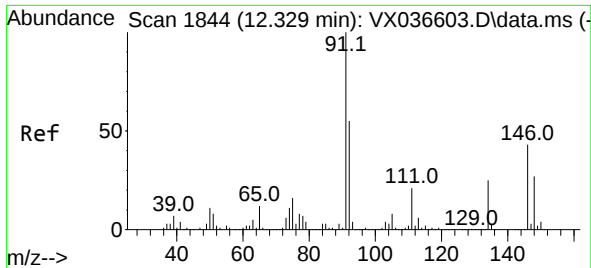
Lab File: VX036615.D

Acq: 21 Jul 2023 17:41

Tgt Ion:146 Resp: 4465

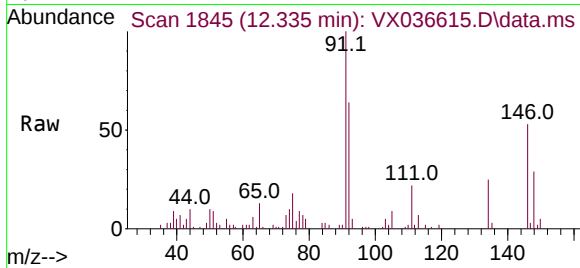
Ion	Ratio	Lower	Upper
146	100		
111	56.9	21.3	63.7
148	68.8	31.8	95.4





#89
n-Butylbenzene
Concen: 2.703 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX036615.D
Acq: 21 Jul 2023 17:41

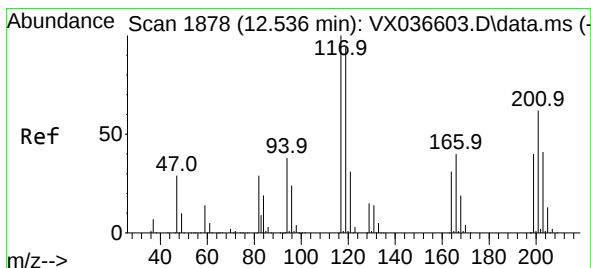
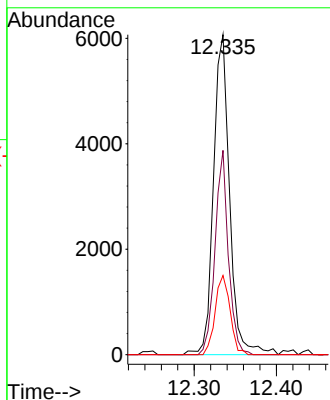
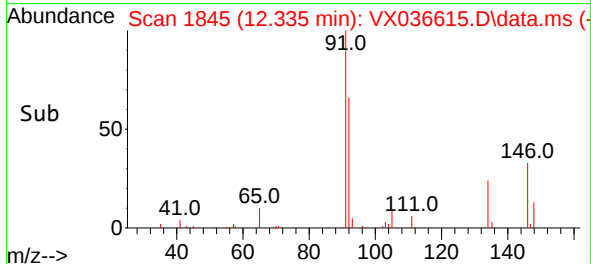
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023



Tgt Ion: 91 Resp: 827
Ion Ratio Lower Upper
91 100
92 52.9 27.4 82.0
134 22.9 12.6 37.8

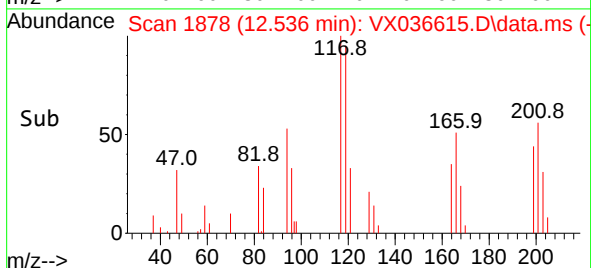
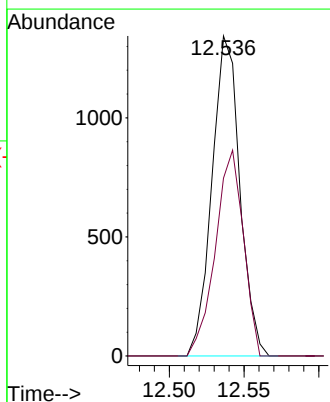
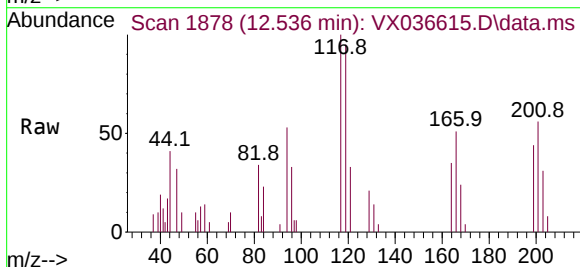
Manual Integrations
APPROVED

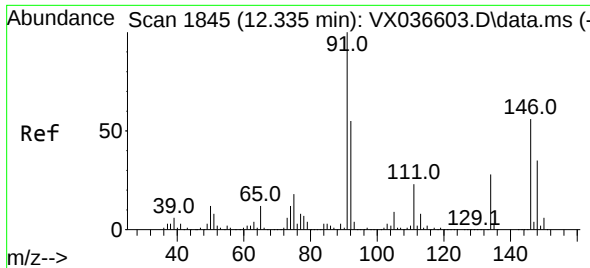
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#90
Hexachloroethane
Concen: 2.513 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX036615.D
Acq: 21 Jul 2023 17:41

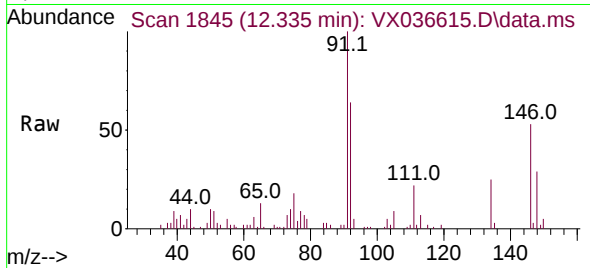
Tgt Ion:117 Resp: 1742
Ion Ratio Lower Upper
117 100
201 64.5 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 2.547 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX036615.D
Acq: 21 Jul 2023 17:41

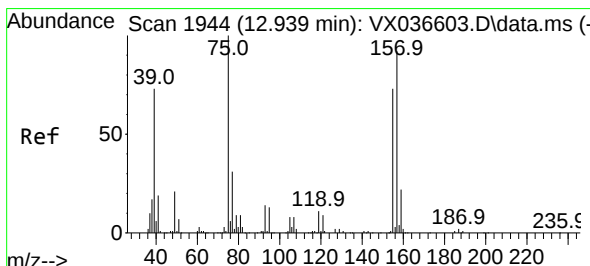
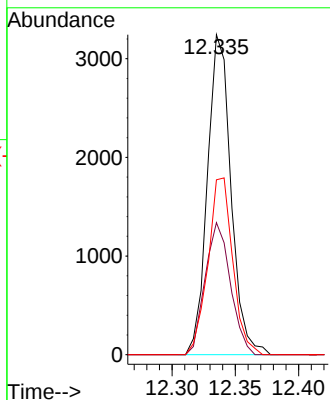
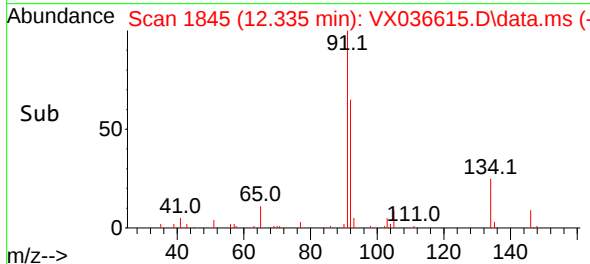
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT3-2023



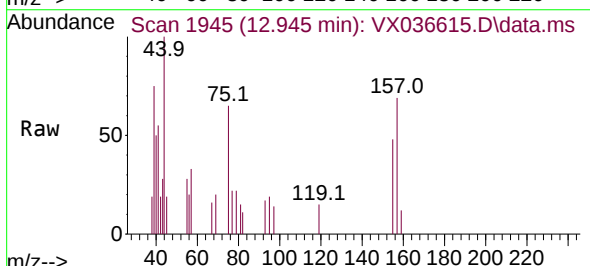
Tgt Ion: 146 Resp: 420
Ion Ratio Lower Upper
146 100
111 44.2 22.4 67.0
148 58.3 31.6 95.0

Manual Integrations
APPROVED

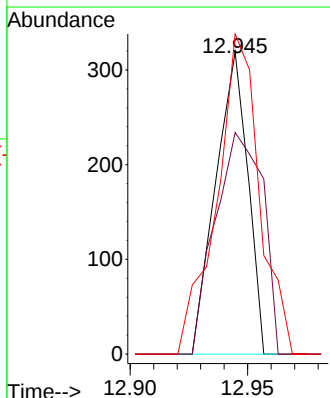
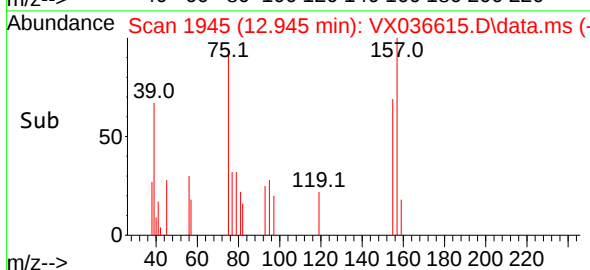
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

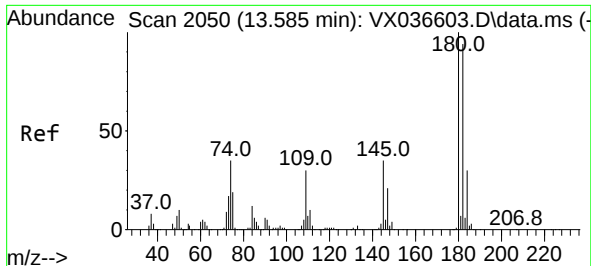


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.952 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX036615.D
Acq: 21 Jul 2023 17:41



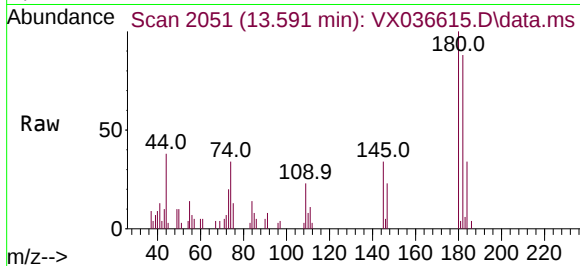
Tgt Ion: 75 Resp: 303
Ion Ratio Lower Upper
75 100
155 108.9 36.1 108.5#
157 141.3 44.9 134.7#





#93
1,2,4-Trichlorobenzene
Concen: 2.452 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX036615.D
Acq: 21 Jul 2023 17:41

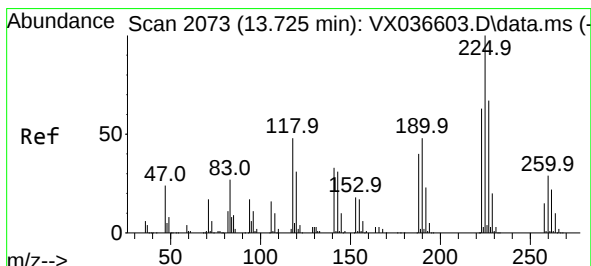
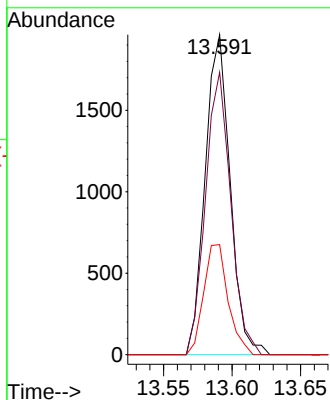
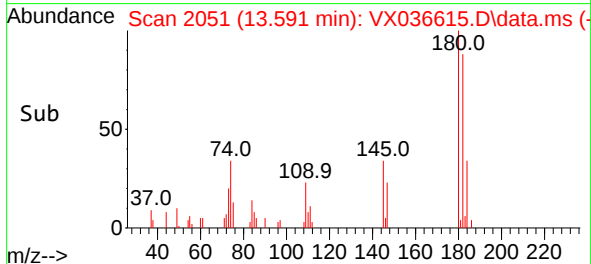
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023



Tgt Ion:180 Resp: 249
Ion Ratio Lower Upper
180 100
182 89.1 48.3 144.8
145 33.6 18.0 54.0

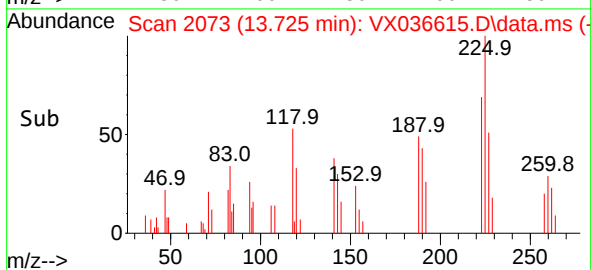
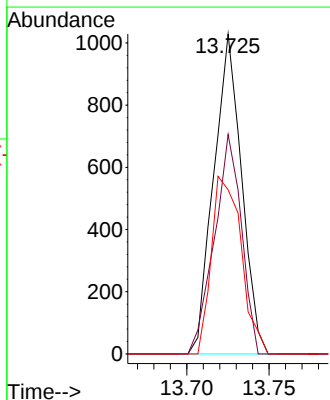
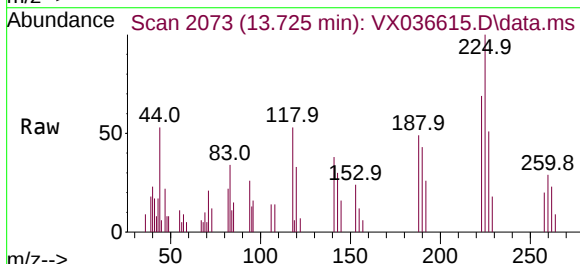
Manual Integrations
APPROVED

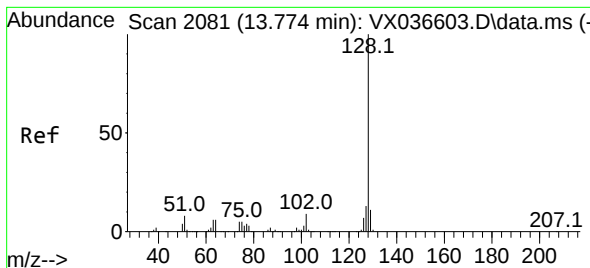
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#94
Hexachlorobutadiene
Concen: 2.875 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX036615.D
Acq: 21 Jul 2023 17:41

Tgt Ion:225 Resp: 1209
Ion Ratio Lower Upper
225 100
223 66.6 31.1 93.2
227 59.3 32.5 97.5





#95

Naphthalene

Concen: 1.648 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX036615.D

Acq: 21 Jul 2023 17:41

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

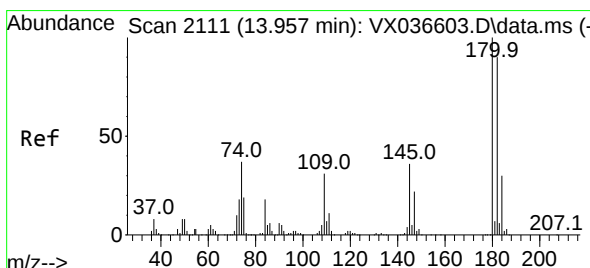
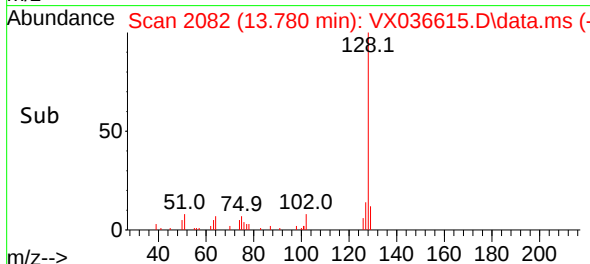
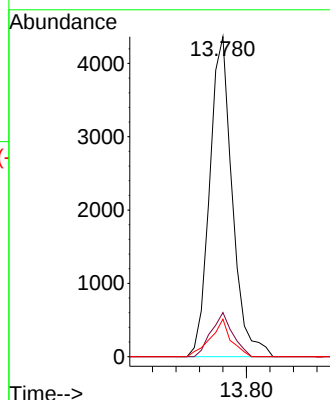
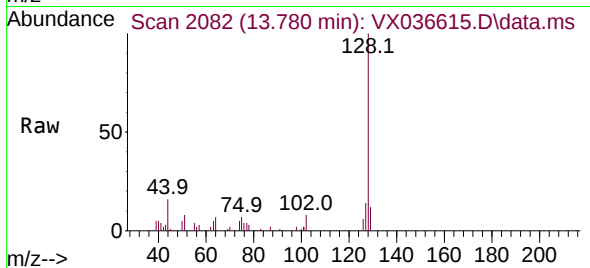
Tgt Ion:128	Resp:	583
Ion Ratio	Lower	Upper
128	100	
127	13.2	10.3 15.5
129	10.6	8.8 13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#96

1,2,3-Trichlorobenzene

Concen: 2.195 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX036615.D

Acq: 21 Jul 2023 17:41

Tgt Ion:180	Resp:	2199
Ion Ratio	Lower	Upper
180	100	
182	95.1	46.9 140.6
145	35.5	17.8 53.5

