

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112723\
 Data File : VX039034.D
 Acq On : 27 Nov 2023 12:13
 Operator : JC/MD
 Sample : 04699-07 2.5PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2023

Quant Time: Nov 28 01:11:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X112423W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Nov 27 03:22:25 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/28/2023
 Supervised By : Mahesh Dadoda 11/28/2023

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

Internal Standards						
1) Bromochloromethane	4.897	128	9789	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	73319	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	89965	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	40303	30.095	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 100.300%	
60) 4-Bromofluorobenzene	11.079	95	58384	29.712	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 99.033%	
63) Toluene-d8	8.646	98	108326	30.455	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 101.533%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	3747	2.557	ug/l	98
3) Chloromethane	1.294	50	4612	2.749	ug/l	93
4) Vinyl Chloride	1.373	62	4435	2.619	ug/l #	87
5) Bromomethane	1.605	94	3488	3.367	ug/l	89
6) Chloroethane	1.690	64	2906	2.946	ug/l	94
7) Trichlorofluoromethane	1.885	101	6792	2.906	ug/l	92
8) Diethyl Ether	2.129	74	2351	2.620	ug/l	84
9) 1,1,2-Trichlorotrifluo...	2.331	101	3619	2.740	ug/l	97
10) 1,1-Dichloroethene	2.318	96	3715	2.790	ug/l	91
11) Methyl Iodide	2.452	142	3693	2.531	ug/l	95
12) Methyl Acetate	2.696	43	10855	2.614	ug/l	94
13) Acrolein	2.233	56	5620	15.448	ug/l	96
14) Acrylonitrile	3.062	53	13989	13.773	ug/l	95
15) Acetone	2.373	58	7274	19.702	ug/l	100
16) Carbon Disulfide	2.513	76	11257	2.791	ug/l	97
17) Allyl chloride	2.666	41	6489	2.455	ug/l	96
18) Methylene Chloride	2.788	84	4881	3.092	ug/l	95
19) trans-1,2-Dichloroethene	3.093	96	4072	2.704	ug/l	92
20) Diisopropyl ether	3.757	45	12927m	2.570	ug/l	
21) 1,1-Dichloroethane	3.605	63	7594	2.715	ug/l	100
22) cis-1,2-Dichloroethene	4.489	96	4749	2.721	ug/l #	84
23) tert-Butyl Alcohol	2.946	59	8296	14.754	ug/l #	100
24) Methyl tert-Butyl Ether	3.111	73	13051	2.661	ug/l	94
25) Chloroform	5.092	83	7268	2.589	ug/l	98
26) Cyclohexane	5.464	56	6928	2.737	ug/l #	58
29) 1,1-Dichloropropene	5.690	75	5642	2.745	ug/l	73
30) 2-Butanone	4.556	43	26862	17.359	ug/l	100
31) 2,2-Dichloropropane	4.470	77	6729	2.863	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	6398	2.693	ug/l #	80
33) Carbon Tetrachloride	5.665	117	5084	2.541	ug/l	96
34) Benzene	6.031	78	16854	2.815	ug/l	96
35) Methacrylonitrile	4.928	41	3571m	2.605	ug/l	
36) 1,2-Dichloroethane	6.086	62	6586	2.998	ug/l #	85
37) Trichloroethene	7.128	130	4200	2.764	ug/l	90
38) Methylcyclohexane	7.378	83	7009	2.737	ug/l	91
39) 1,2-Dichloropropane	7.427	63	4559	2.887	ug/l	93
40) Dibromomethane	7.586	93	2997	2.686	ug/l	93
41) Bromodichloromethane	7.817	83	5944	2.773	ug/l #	98
42) Vinyl Acetate	3.721	43	51484	13.968	ug/l	99

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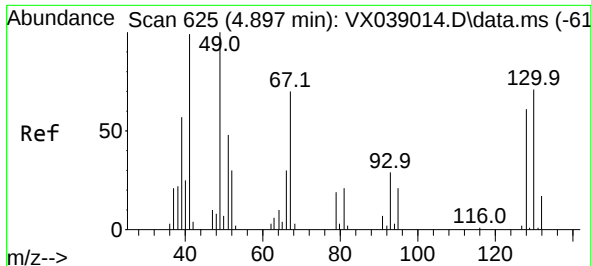
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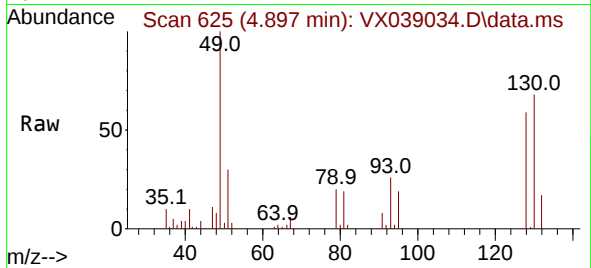
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.708	43	6725m	2.526	ug/l	
44) Isopropyl Acetate	6.336	43	11092	2.643	ug/l #	79
45) 1,4-Dioxane	7.665	88	2186	51.023	ug/l	97
46) Methyl methacrylate	7.695	41	6365	2.653	ug/l	93
47) n-amyl Acetate	10.841	43	7768	2.187	ug/l	96
48) t-1,3-Dichloropropene	8.976	75	6156	2.477	ug/l	93
49) cis-1,3-Dichloropropene	8.366	75	6870	2.680	ug/l	92
50) 1,1,2-Trichloroethane	9.152	97	3795	2.504	ug/l	96
51) Ethyl methacrylate	9.116	69	4760	2.509	ug/l	94
52) 1,3-Dichloropropane	9.311	76	6978	2.685	ug/l	96
53) Dibromochloromethane	9.518	129	3991	2.452	ug/l	95
54) 1,2-Dibromoethane	9.610	107	4330	2.605	ug/l	96
55) 2-Chloroethyl vinyl ether	8.244	63	18007	14.975	ug/l	98
56) Bromoform	10.799	173	2834	2.412	ug/l #	96
58) 4-Methyl-2-Pentanone	8.567	43	37937	13.906	ug/l	99
59) 2-Hexanone	9.427	43	32338	14.441	ug/l	99
61) Tetrachloroethene	9.274	164	3412	2.917	ug/l	93
62) Toluene	8.720	91	18025	2.822	ug/l	98
64) Chlorobenzene	10.079	112	10747	2.766	ug/l	96
65) 1,1,1,2-Tetrachloroethane	10.164	131	3586	2.563	ug/l	99
66) Ethyl Benzene	10.195	91	19434	2.672	ug/l	97
67) m/p-Xylenes	10.299	106	14575	5.423	ug/l	97
68) o-Xylene	10.640	106	6884	2.644	ug/l	99
69) Styrene	10.658	104	9587	2.488	ug/l	99
70) Isopropylbenzene	10.963	105	18201	2.613	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.213	83	6866	2.641	ug/l	98
72) 1,2,3-Trichloropropane	11.237	75	5402m	2.455	ug/l	
73) Bromobenzene	11.195	156	4302	2.713	ug/l	95
74) n-propylbenzene	11.305	91	22862	2.679	ug/l	99
75) 2-Chlorotoluene	11.365	91	13282	2.653	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	15974	2.662	ug/l	97
77) t-1,4-Dichloro-2-butene	11.018	75	1992	2.285	ug/l	96
78) 4-Chlorotoluene	11.457	91	15872	2.696	ug/l	99
79) tert-butylbenzene	11.713	119	14842	2.601	ug/l	98
80) 1,2,4-Trimethylbenzene	11.750	105	15718	2.617	ug/l	99
81) sec-Butylbenzene	11.890	105	19110	2.649	ug/l	99
82) p-Isopropyltoluene	12.012	119	15557	2.545	ug/l	98
83) 1,3-Dichlorobenzene	11.969	146	7753	2.555	ug/l	99
84) 1,4-Dichlorobenzene	12.042	146	8278	2.658	ug/l	99
85) n-Butylbenzene	12.335	91	15783	2.614	ug/l	94
86) Hexachloroethane	12.536	117	2573	2.221	ug/l	97
87) 1,2-Dichlorobenzene	12.335	146	7623	2.612	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	12.944	75	1701	2.558	ug/l	88
89) 1,2,4-Trichlorobenzene	13.585	180	4858	2.511	ug/l	99
90) Hexachlorobutadiene	13.725	225	1757	2.543	ug/l	98
91) Naphthalene	13.780	128	17350	2.431	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	4702	2.509	ug/l	98

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX039034.D
Acq: 27 Nov 2023 12:13

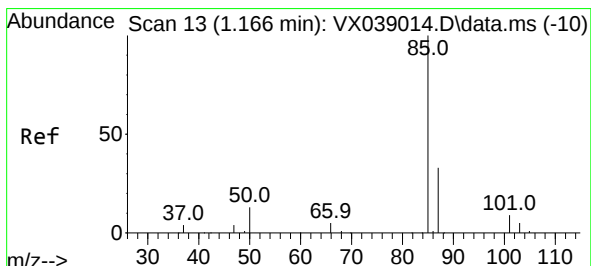
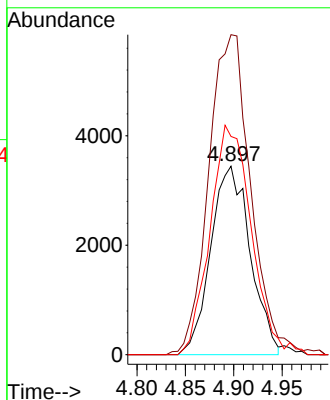
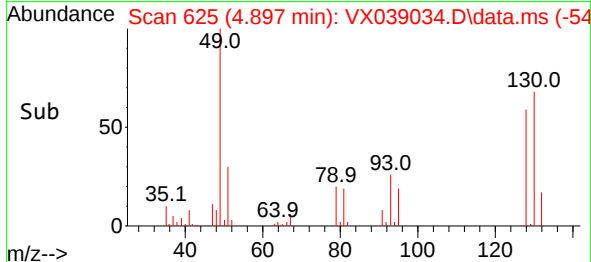
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023



Tgt Ion:128 Resp: 9789
Ion Ratio Lower Upper
128 100
49 180.4 0.0 444.0
130 125.8 0.0 297.8

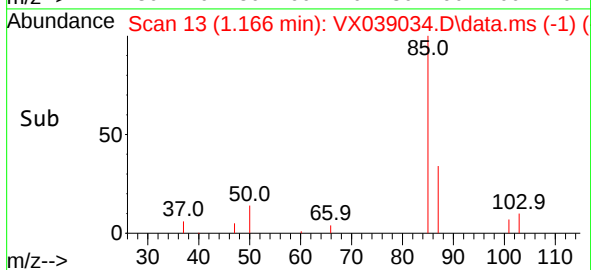
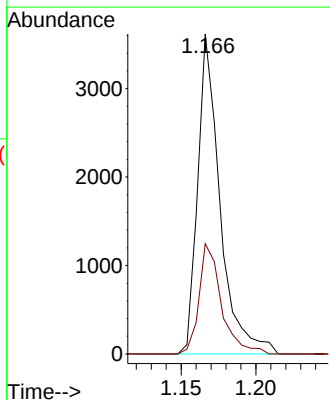
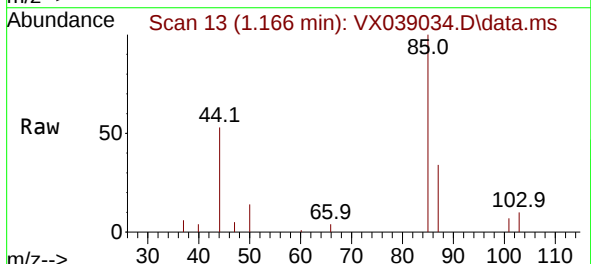
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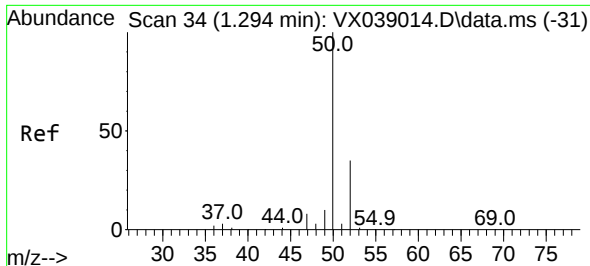
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#2
Dichlorodifluoromethane
Concen: 2.557 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX039034.D
Acq: 27 Nov 2023 12:13

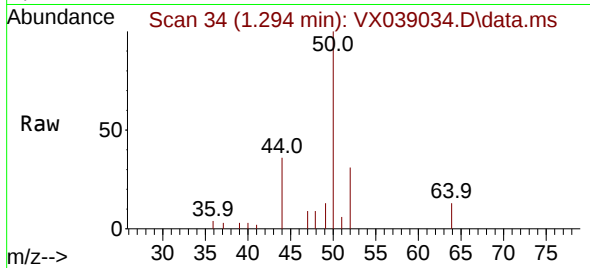
Tgt Ion: 85 Resp: 3747
Ion Ratio Lower Upper
85 100
87 34.5 16.7 50.1





#3
Chloromethane
Concen: 2.749 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX039034.D
Acq: 27 Nov 2023 12:13

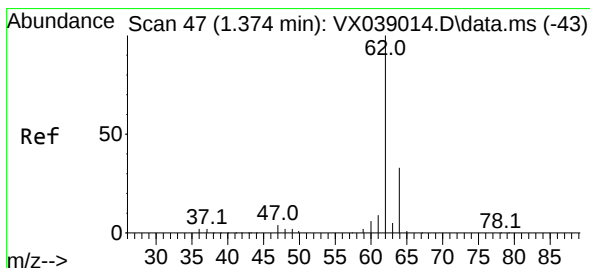
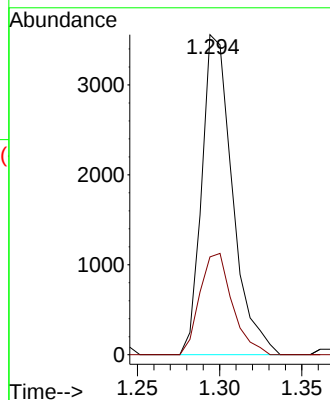
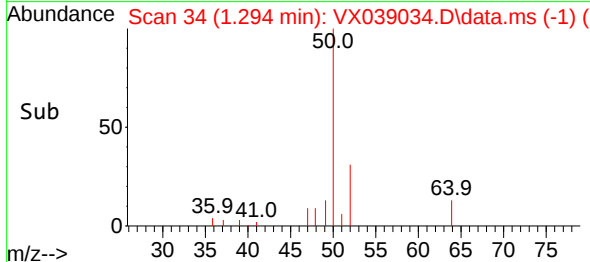
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2023



Tgt Ion: 50 Resp: 461
Ion Ratio Lower Upper
50 100
52 30.6 27.8 41.8

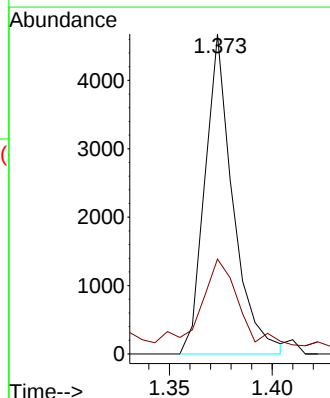
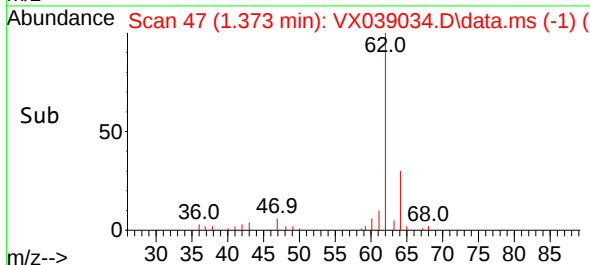
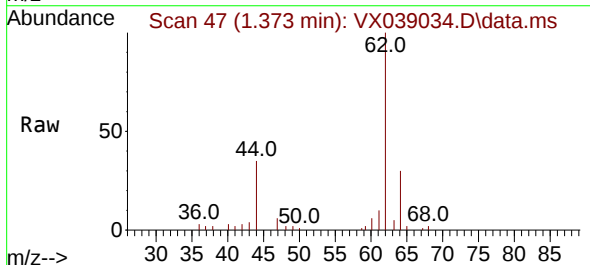
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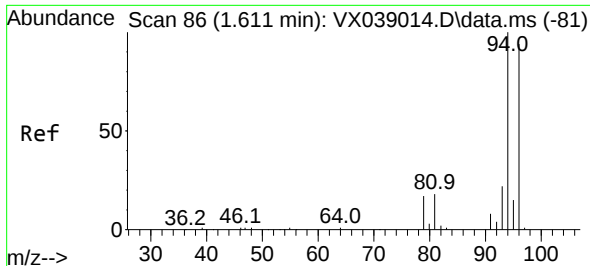
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#4
Vinyl Chloride
Concen: 2.619 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX039034.D
Acq: 27 Nov 2023 12:13

Tgt Ion: 62 Resp: 4435
Ion Ratio Lower Upper
62 100
64 25.6 26.3 39.5#





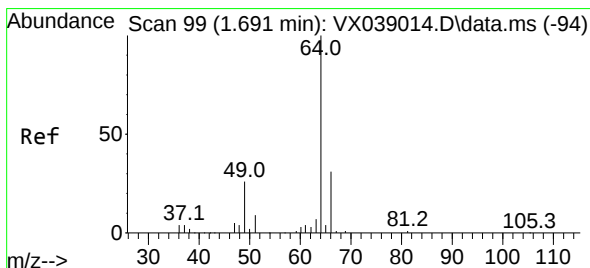
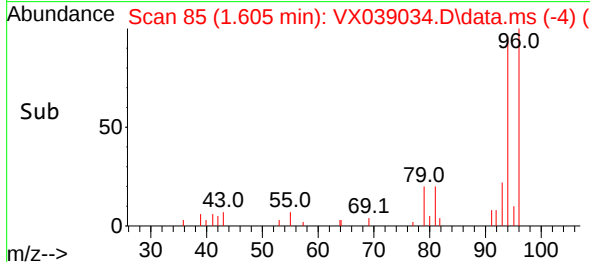
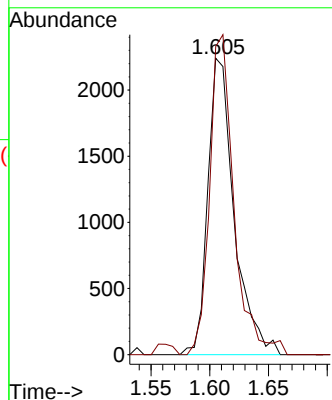
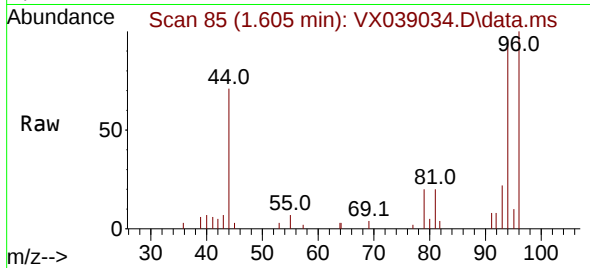
#5
Bromomethane
Concen: 3.367 ug/l
RT: 1.605 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX039034.D
Acq: 27 Nov 2023 12:13

Instrument :
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ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

Tgt Ion: 94 Resp: 348
Ion Ratio Lower Upper
94 100
96 103.9 74.9 112.3

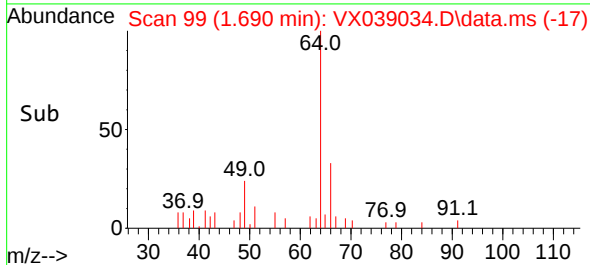
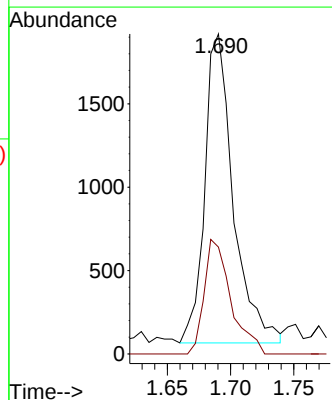
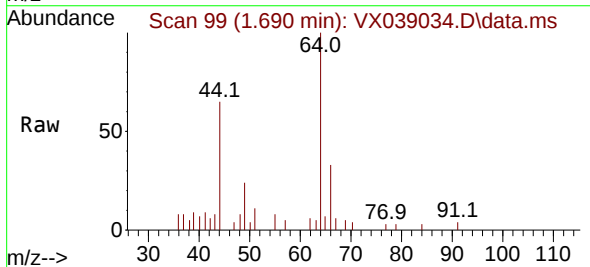
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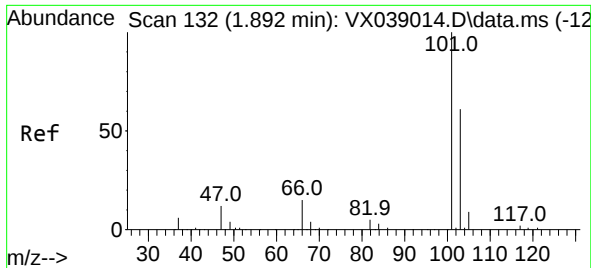
Reviewed By :John Carlone 11/28/2023
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#6
Chloroethane
Concen: 2.946 ug/l
RT: 1.690 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX039034.D
Acq: 27 Nov 2023 12:13

Tgt Ion: 64 Resp: 2906
Ion Ratio Lower Upper
64 100
66 34.6 25.0 37.6





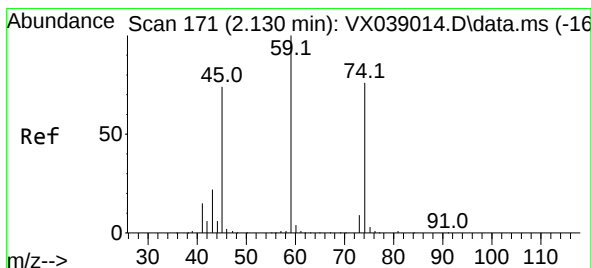
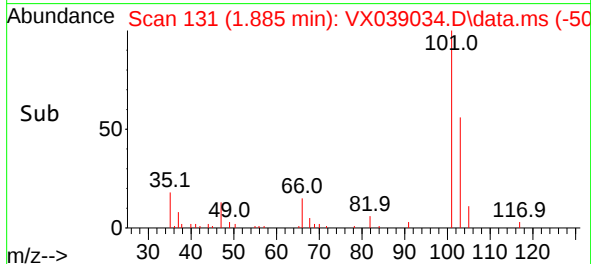
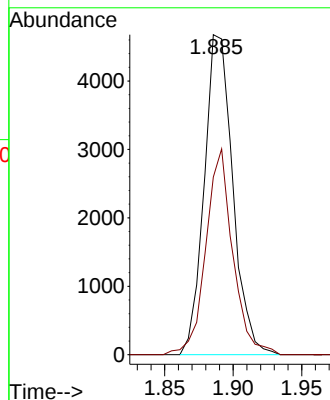
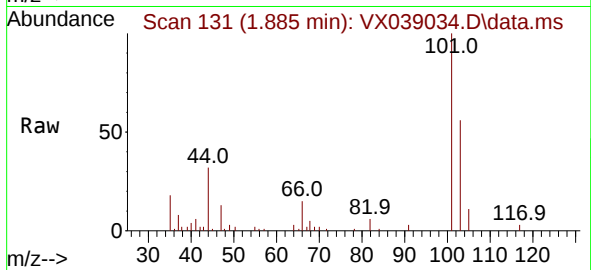
#7
 Trichlorofluoromethane
 Concen: 2.906 ug/l
 RT: 1.885 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX039034.D
 Acq: 27 Nov 2023 12:13

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Tgt Ion:101 Resp: 6792
 Ion Ratio Lower Upper
 101 100
 103 55.5 49.1 73.7

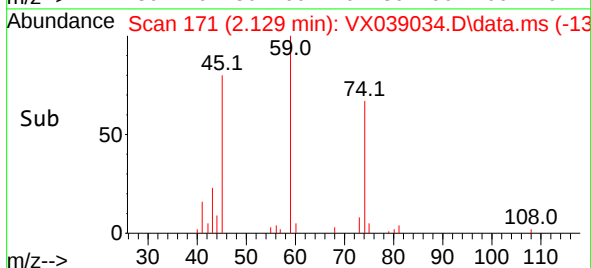
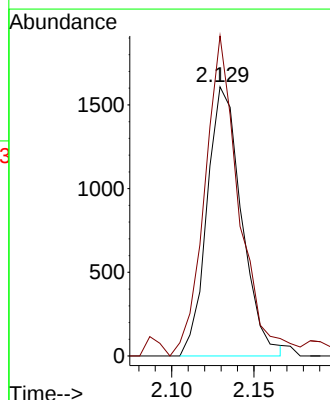
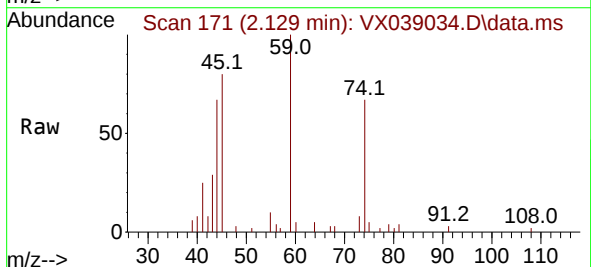
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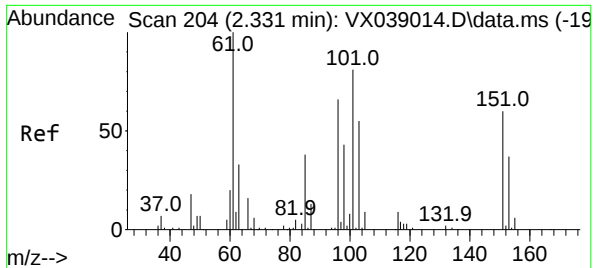
Reviewed By :John Carlone 11/28/2023
 Supervised By :Mahesh Dadoda 11/28/2023



#8
 Diethyl Ether
 Concen: 2.620 ug/l
 RT: 2.129 min Scan# 171
 Delta R.T. -0.000 min
 Lab File: VX039034.D
 Acq: 27 Nov 2023 12:13

Tgt Ion: 74 Resp: 2351
 Ion Ratio Lower Upper
 74 100
 45 118.3 20.5 184.5





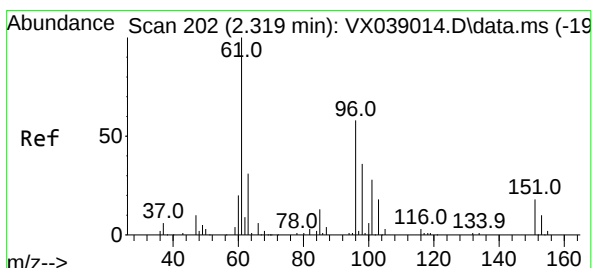
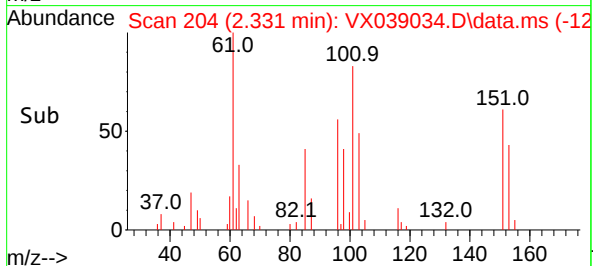
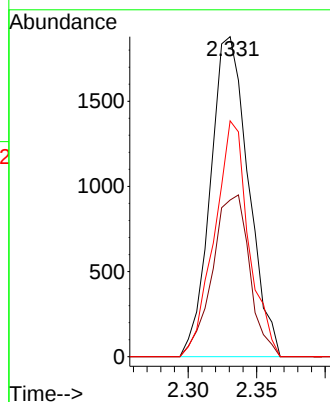
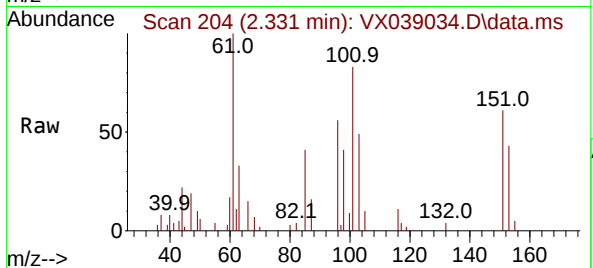
#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.740 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX039034.D
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Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2023

Tgt Ion:101 Resp: 3619
Ion Ratio Lower Upper
101 100
85 49.5 0.0 95.2
151 66.5 0.0 136.8

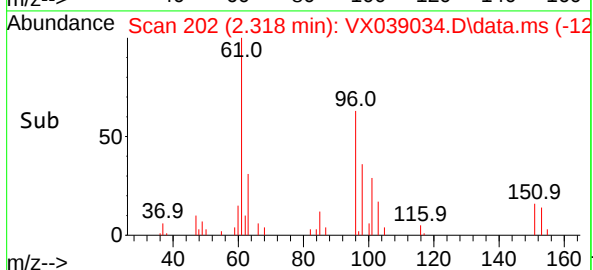
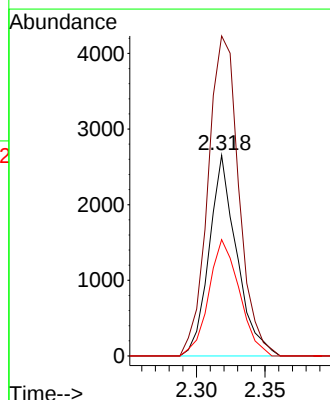
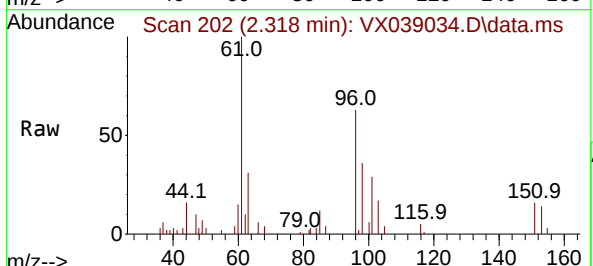
Manual Integrations
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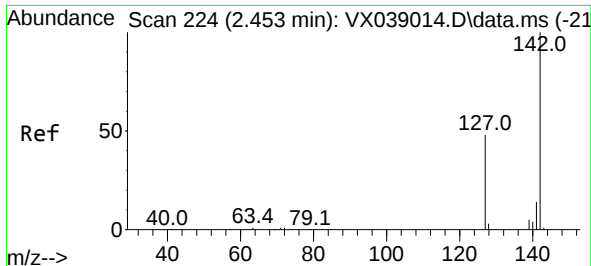
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#10
1,1-Dichloroethene
Concen: 2.790 ug/l
RT: 2.318 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX039034.D
Acq: 27 Nov 2023 12:13

Tgt Ion: 96 Resp: 3715
Ion Ratio Lower Upper
96 100
61 159.5 138.3 207.5
98 58.0 49.8 74.6





#11

Methyl Iodide

Concen: 2.531 ug/l

RT: 2.452 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX039034.D

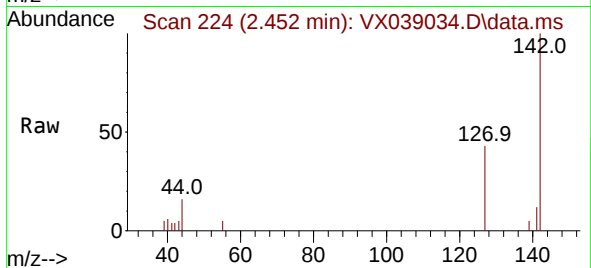
Acq: 27 Nov 2023 12:13

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023



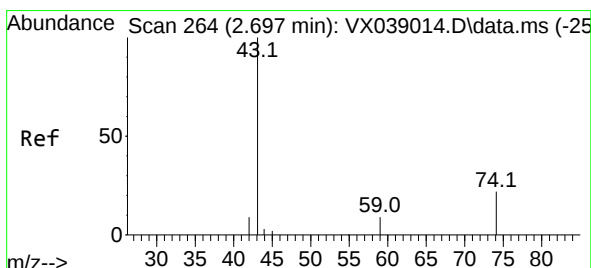
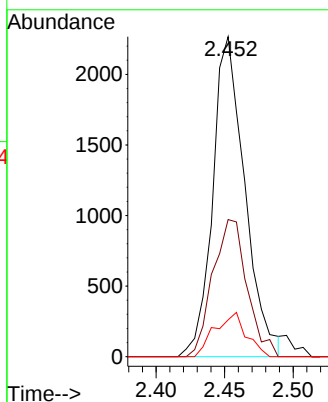
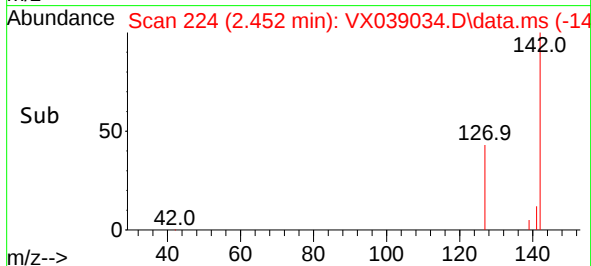
Tgt Ion:	142	Resp:	369
Ion	Ratio	Lower	Upper
142	100		
127	44.2	23.8	71.4
141	11.9	6.9	20.6

Manual Integrations

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Reviewed By :John Carlone 11/28/2023

Supervised By :Mahesh Dadoda 11/28/2023



#12

Methyl Acetate

Concen: 2.614 ug/l

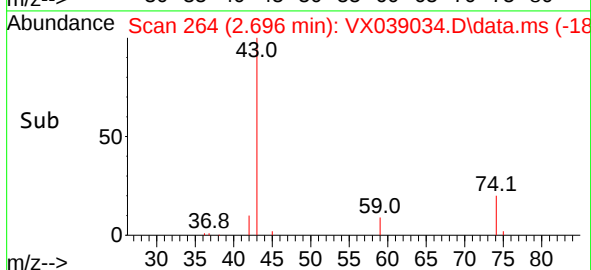
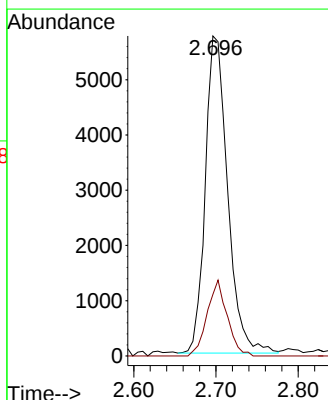
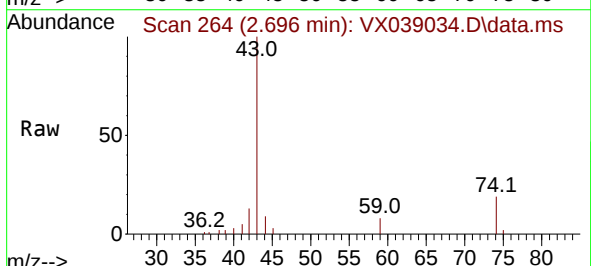
RT: 2.696 min Scan# 264

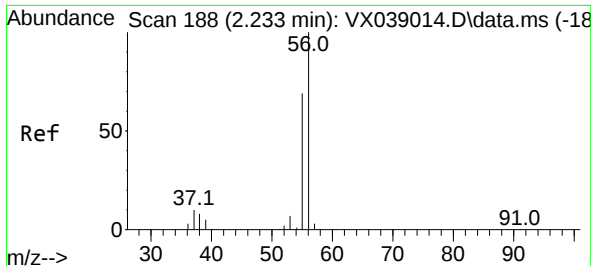
Delta R.T. -0.000 min

Lab File: VX039034.D

Acq: 27 Nov 2023 12:13

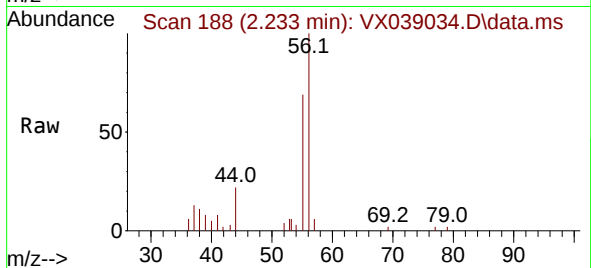
Tgt Ion:	43	Resp:	10855
Ion	Ratio	Lower	Upper
43	100		
74	19.5	17.8	26.6





#13
Acrolein
Concen: 15.448 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX039034.D
Acq: 27 Nov 2023 12:13

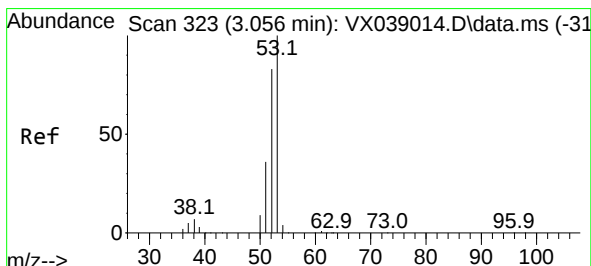
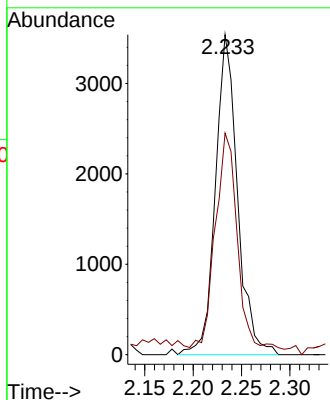
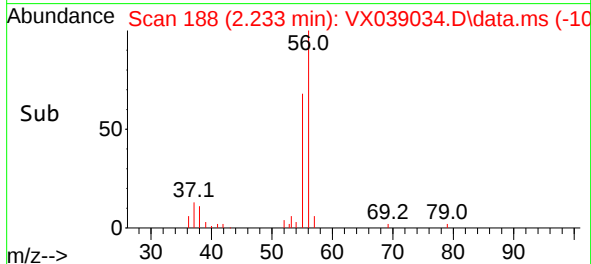
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023



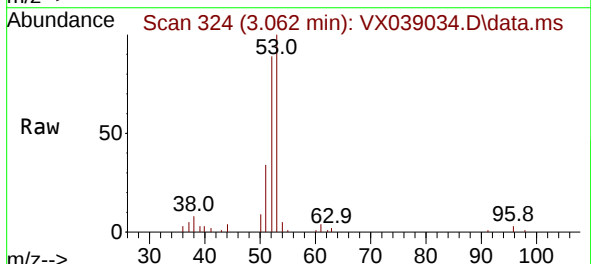
Tgt Ion: 56 Resp: 5620
Ion Ratio Lower Upper
56 100
55 68.5 57.2 85.8

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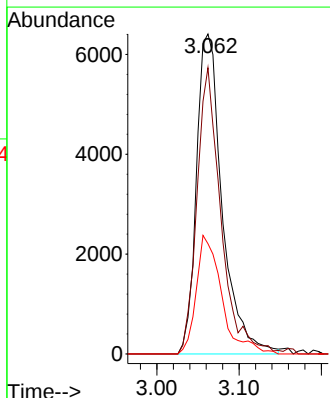
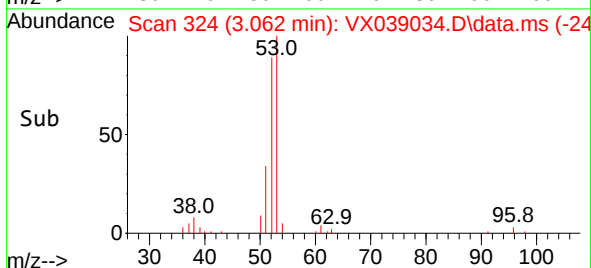
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023

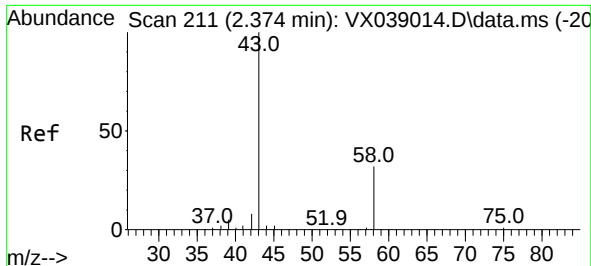


#14
Acrylonitrile
Concen: 13.773 ug/l
RT: 3.062 min Scan# 324
Delta R.T. 0.006 min
Lab File: VX039034.D
Acq: 27 Nov 2023 12:13



Tgt Ion: 53 Resp: 13989
Ion Ratio Lower Upper
53 100
52 78.6 41.9 125.6
51 34.7 18.3 54.9





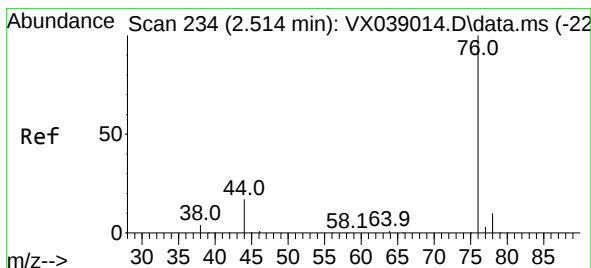
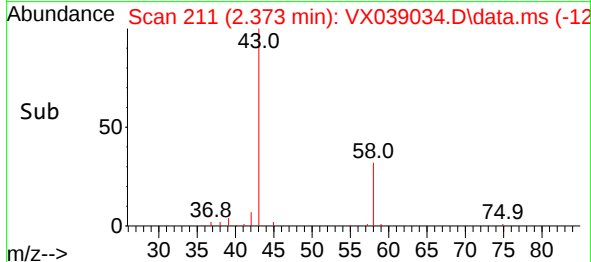
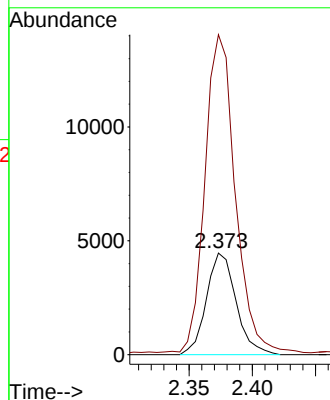
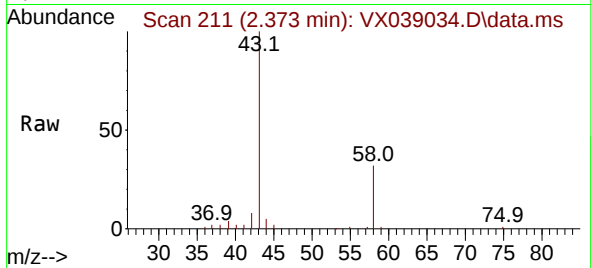
#15
Acetone
Concen: 19.702 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX039034.D
Acq: 27 Nov 2023 12:13

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2023

Tgt Ion: 58 Resp: 7274
Ion Ratio Lower Upper
58 100
43 312.2 249.9 374.9

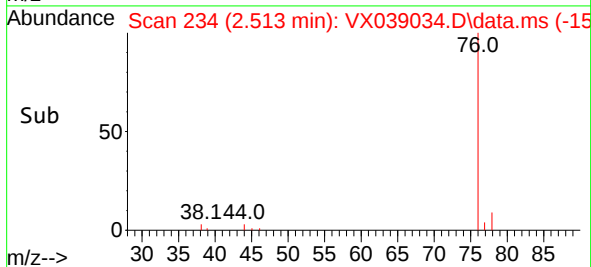
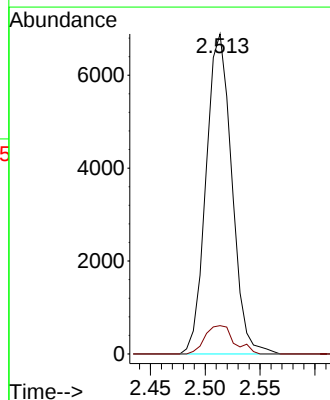
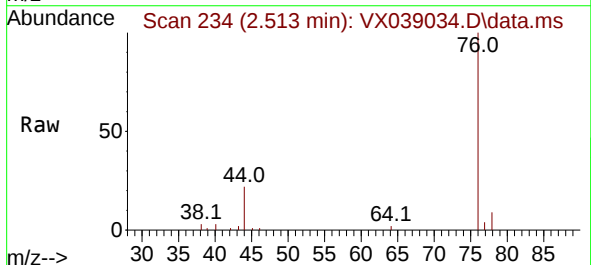
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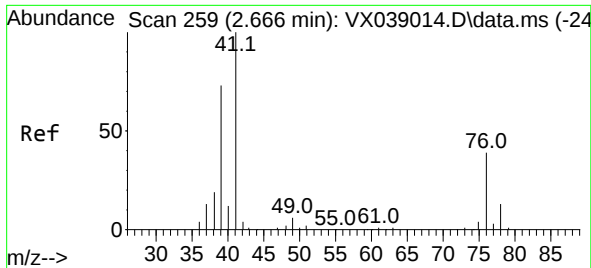
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#16
Carbon Disulfide
Concen: 2.791 ug/l
RT: 2.513 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX039034.D
Acq: 27 Nov 2023 12:13

Tgt Ion: 76 Resp: 11257
Ion Ratio Lower Upper
76 100
78 8.8 8.0 12.0





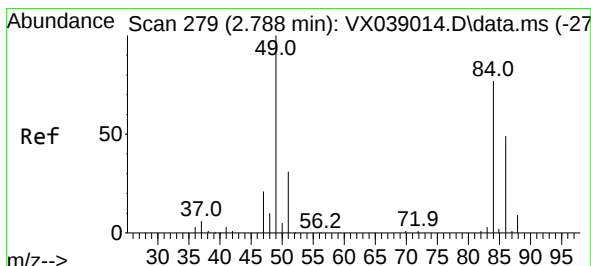
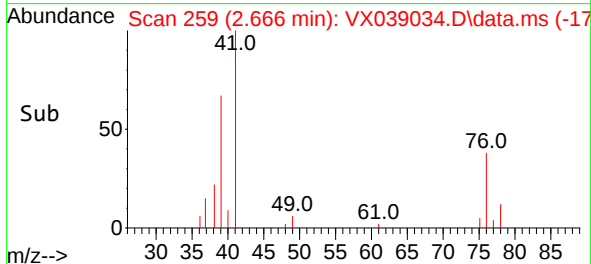
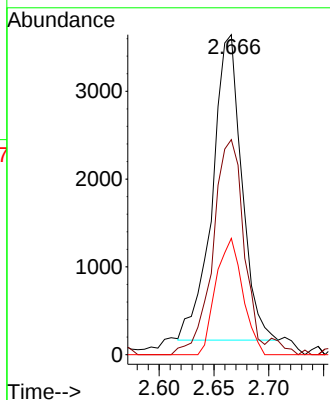
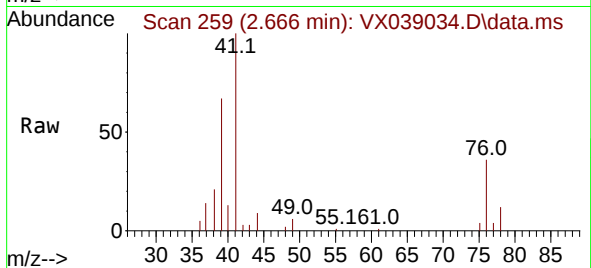
#17
 Allyl chloride
 Concen: 2.455 ug/l
 RT: 2.666 min Scan# 259
 Delta R.T. -0.000 min
 Lab File: VX039034.D
 Acq: 27 Nov 2023 12:13

Instrument : MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2023

Tgt Ion: 41 Resp: 6489
 Ion Ratio Lower Upper
 41 100
 39 68.2 36.5 109.5
 76 38.1 19.7 59.0

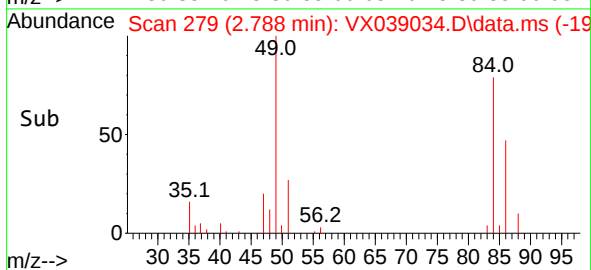
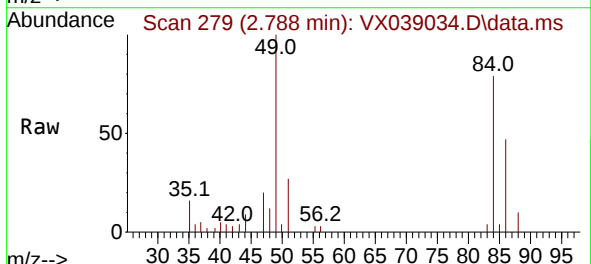
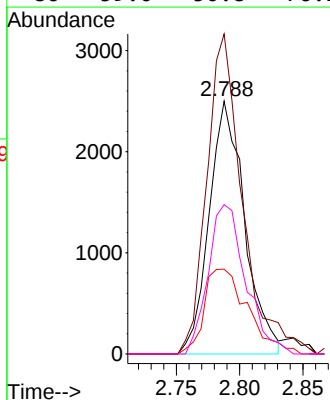
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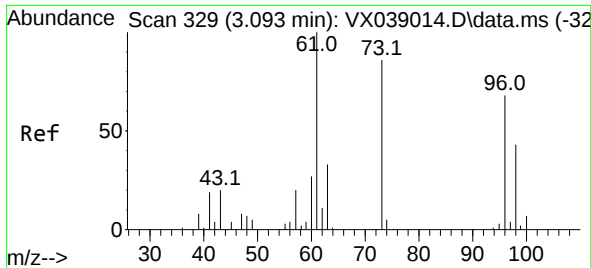
Reviewed By :John Carlone 11/28/2023
 Supervised By :Mahesh Dadoda 11/28/2023



#18
 Methylene Chloride
 Concen: 3.092 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. -0.000 min
 Lab File: VX039034.D
 Acq: 27 Nov 2023 12:13

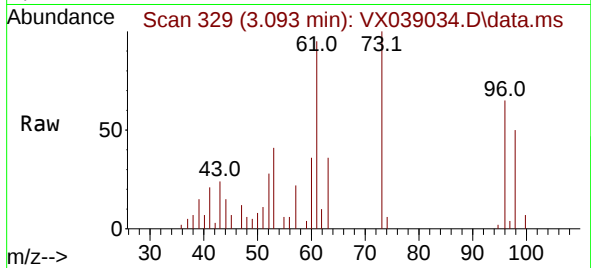
Tgt Ion: 84 Resp: 4881
 Ion Ratio Lower Upper
 84 100
 49 126.5 103.8 155.8
 51 33.5 31.8 47.6
 86 59.0 50.8 76.2





#19
trans-1,2-Dichloroethene
Concen: 2.704 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX039034.D
Acq: 27 Nov 2023 12:13

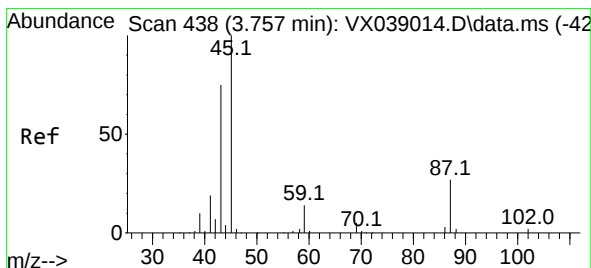
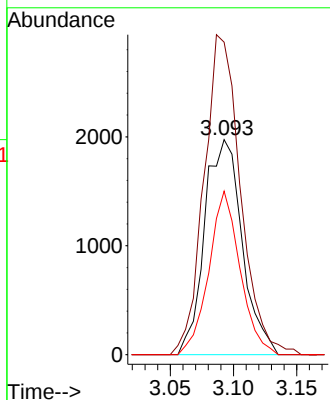
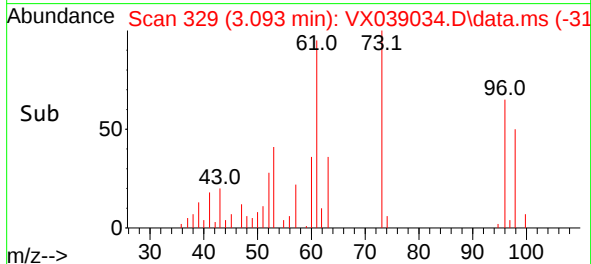
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023



Tgt Ion: 96 Resp: 4072
Ion Ratio Lower Upper
96 100
61 141.1 117.9 176.9
98 76.1 51.0 76.6

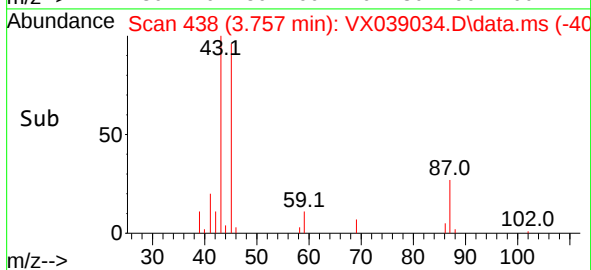
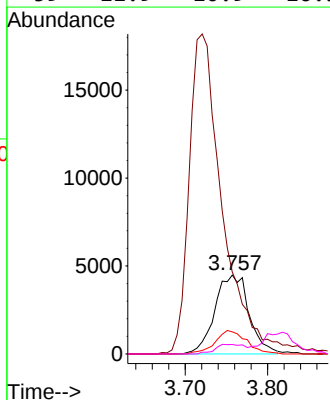
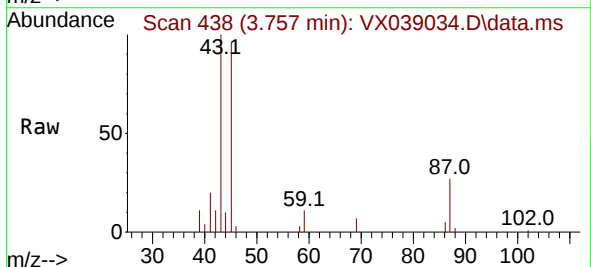
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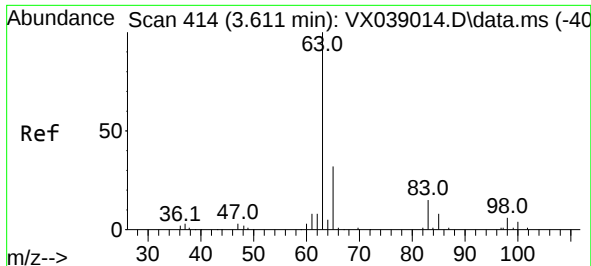
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#20
Diisopropyl ether
Concen: 2.570 ug/l m
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX039034.D
Acq: 27 Nov 2023 12:13

Tgt Ion: 45 Resp: 12927
Ion Ratio Lower Upper
45 100
43 103.8 67.7 101.5#
87 27.9 21.5 32.3
59 11.9 10.9 16.3





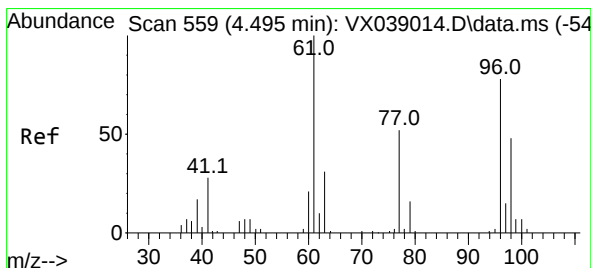
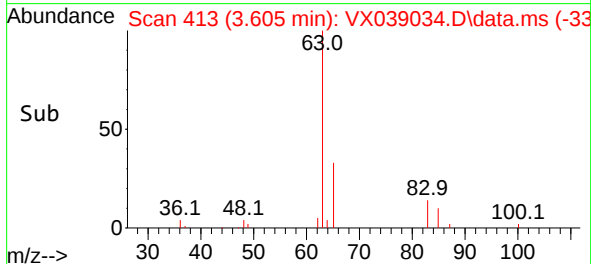
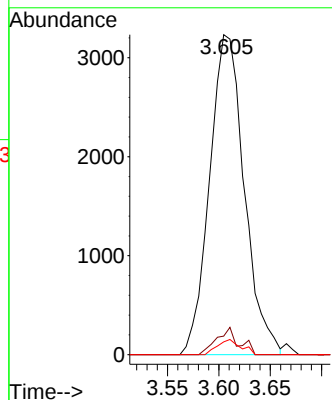
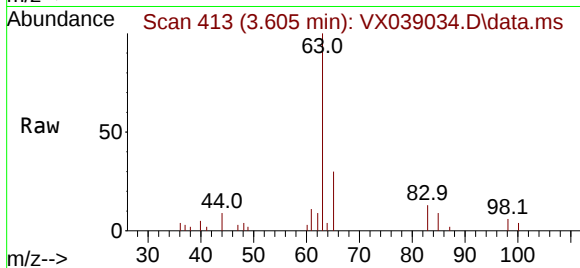
#21
1,1-Dichloroethane
Concen: 2.715 ug/l
RT: 3.605 min Scan# 414
Delta R.T. -0.006 min
Lab File: VX039034.D
Acq: 27 Nov 2023 12:13

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2023

Tgt Ion: 63 Resp: 7594
Ion Ratio Lower Upper
63 100
98 5.8 2.9 8.8
100 4.0 2.0 5.8

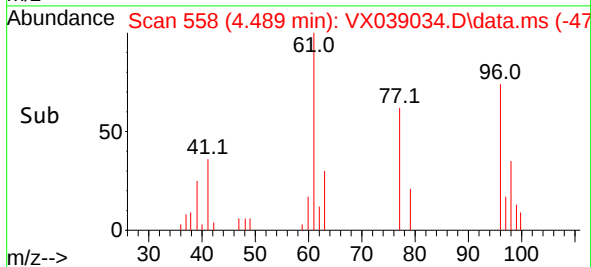
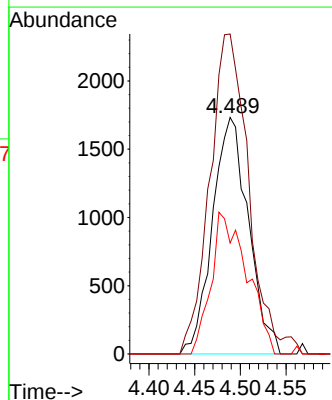
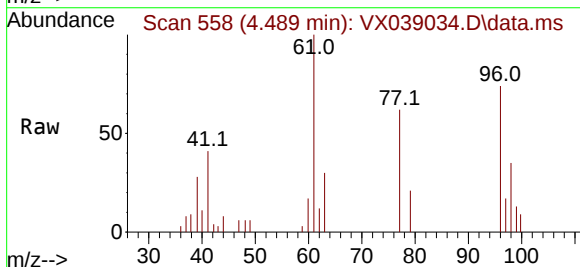
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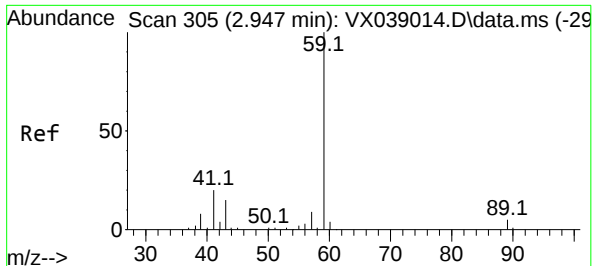
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#22
cis-1,2-Dichloroethene
Concen: 2.721 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.006 min
Lab File: VX039034.D
Acq: 27 Nov 2023 12:13

Tgt Ion: 96 Resp: 4749
Ion Ratio Lower Upper
96 100
61 143.3 119.8 179.6
98 32.2 50.9 76.3#





#23

tert-Butyl Alcohol

Concen: 14.754 ug/l

RT: 2.946 min Scan# 305

Delta R.T. -0.000 min

Lab File: VX039034.D

Acq: 27 Nov 2023 12:13

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

Tgt Ion: 59 Resp: 8290

Ion Ratio Lower Upper

59 100

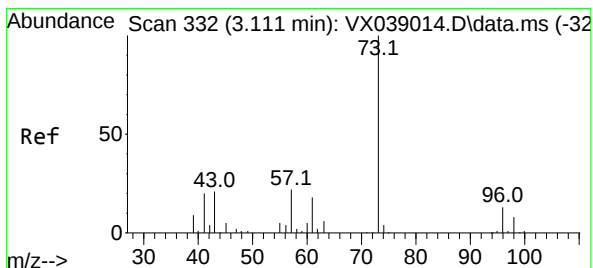
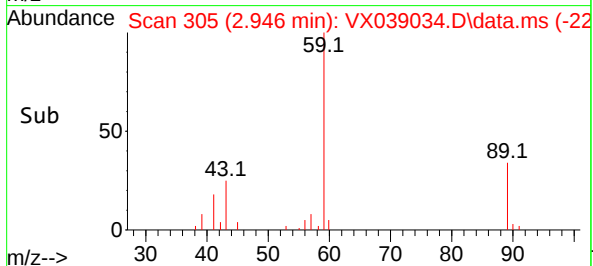
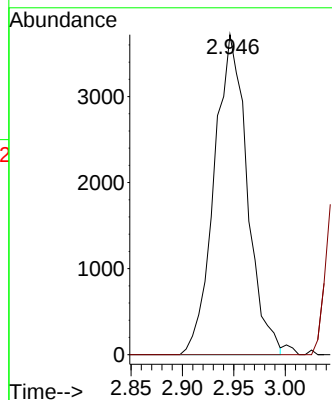
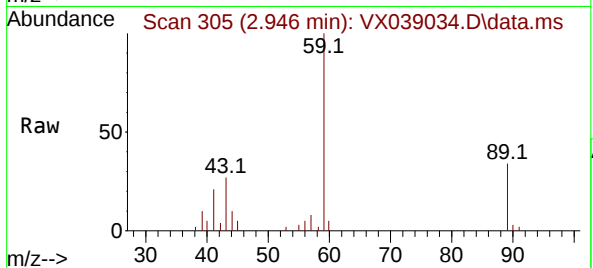
52 0.0 0.0 0.0

Manual Integrations

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Reviewed By :John Carlone 11/28/2023

Supervised By :Mahesh Dadoda 11/28/2023



#24

Methyl tert-Butyl Ether

Concen: 2.661 ug/l

RT: 3.111 min Scan# 332

Delta R.T. -0.000 min

Lab File: VX039034.D

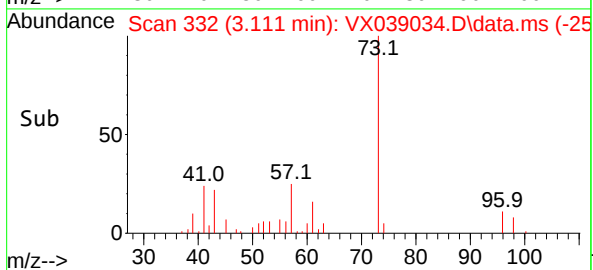
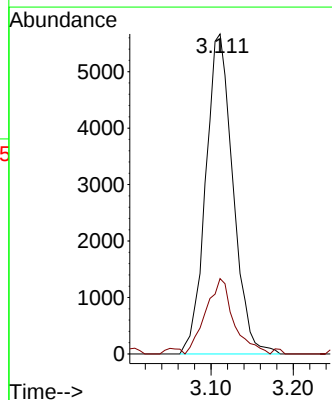
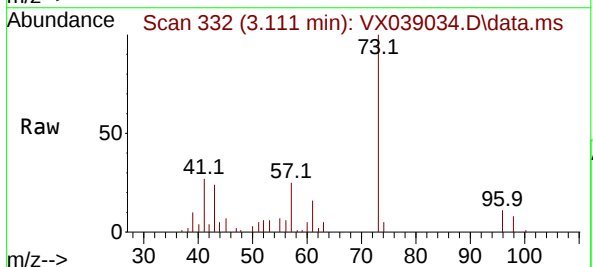
Acq: 27 Nov 2023 12:13

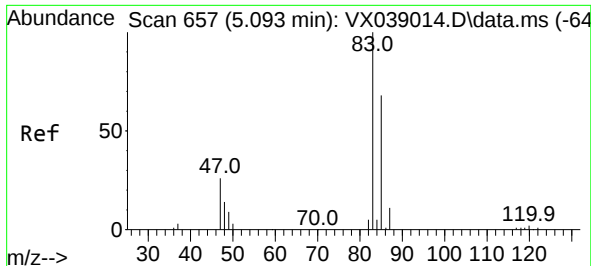
Tgt Ion: 73 Resp: 13051

Ion Ratio Lower Upper

73 100

43 24.0 17.0 25.6





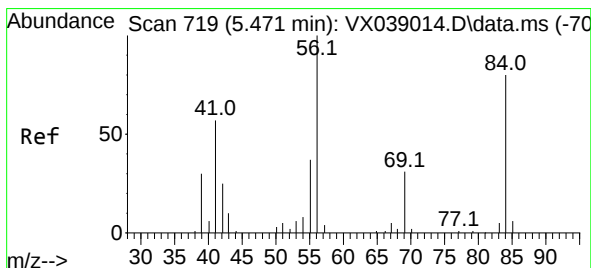
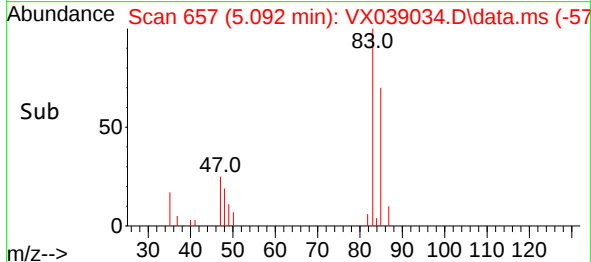
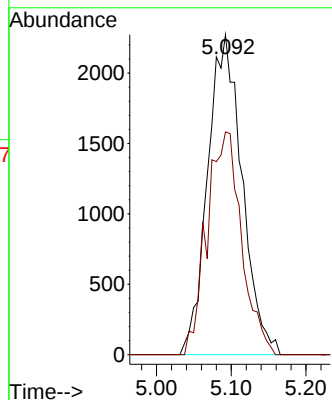
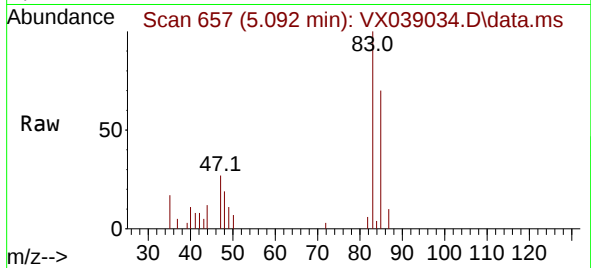
#25
Chloroform
Concen: 2.589 ug/l
RT: 5.092 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX039034.D
Acq: 27 Nov 2023 12:13

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

Tgt Ion: 83 Resp: 726
Ion Ratio Lower Upper
83 100
85 69.6 54.6 81.8

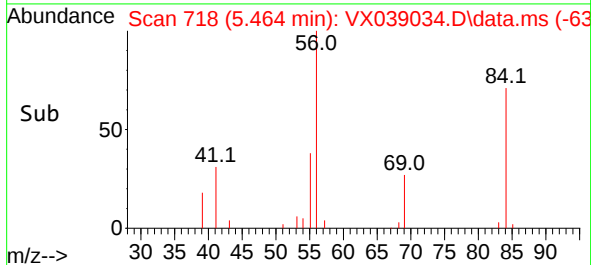
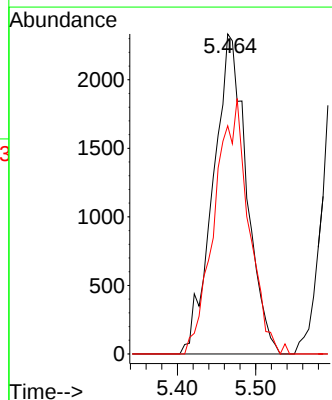
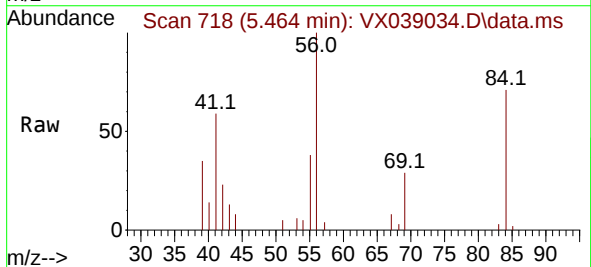
Manual Integrations
APPROVED

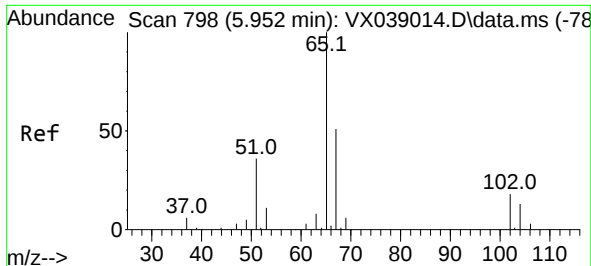
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#26
Cyclohexane
Concen: 2.737 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX039034.D
Acq: 27 Nov 2023 12:13

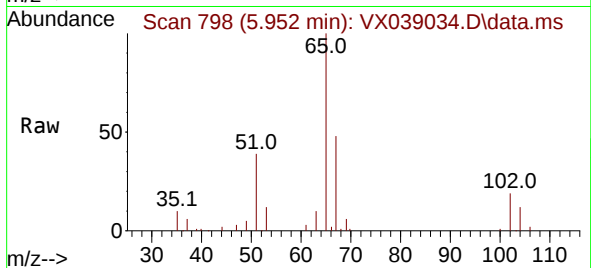
Tgt Ion: 56 Resp: 6928
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 46.2 67.2 100.8#





#27
1,2-Dichloroethane-d4
Concen: 30.095 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX039034.D
Acq: 27 Nov 2023 12:13

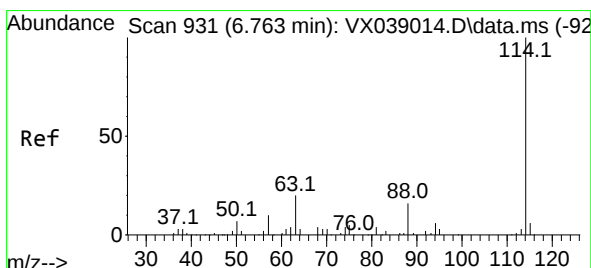
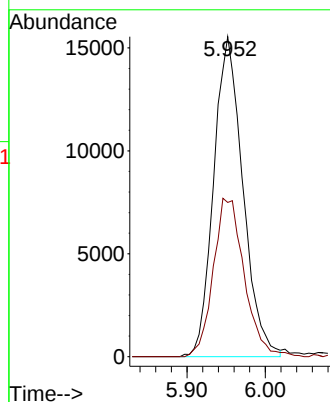
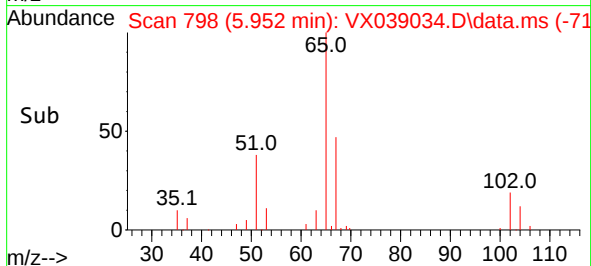
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2023



Tgt Ion: 65 Resp: 4030
Ion Ratio Lower Upper
65 100
67 52.5 42.5 63.7

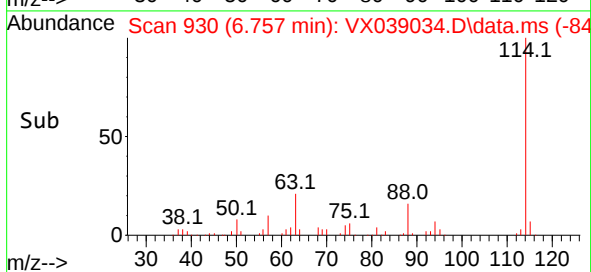
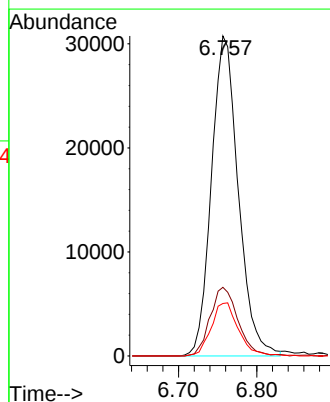
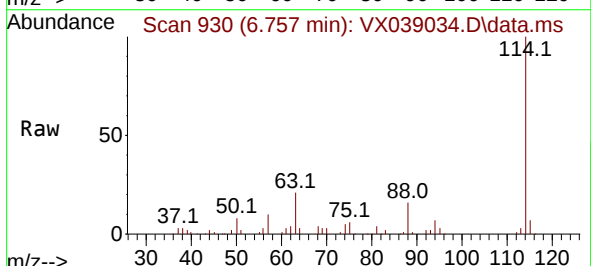
Manual Integrations
APPROVED

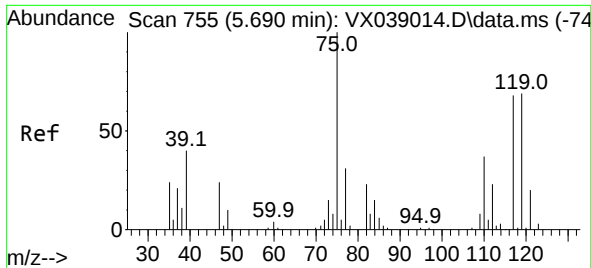
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX039034.D
Acq: 27 Nov 2023 12:13

Tgt Ion:114 Resp: 73319
Ion Ratio Lower Upper
114 100
63 22.1 17.0 25.4
88 16.9 12.7 19.1





#29

1,1-Dichloropropene

Concen: 2.745 ug/l

RT: 5.690 min Scan# 755

Delta R.T. -0.000 min

Lab File: VX039034.D

Acq: 27 Nov 2023 12:13

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

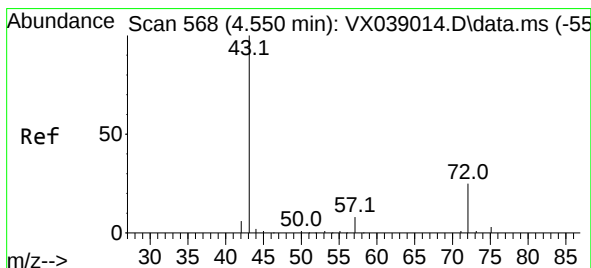
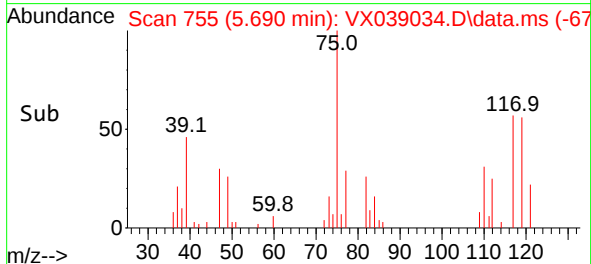
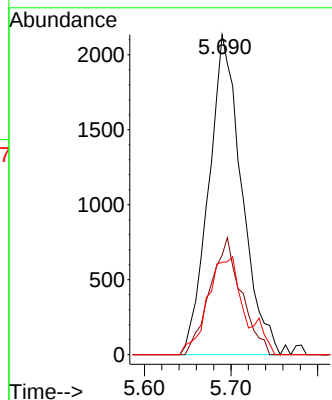
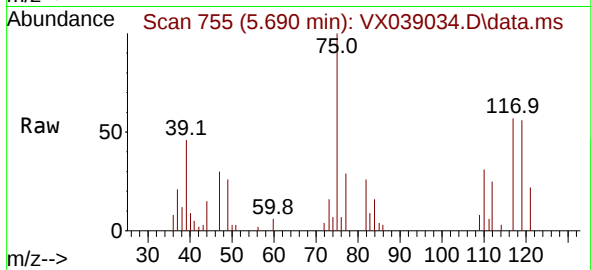
Tgt Ion: 75	Resp: 564
Ion Ratio	Lower Upper
75 100	
110 34.8	0.0 71.2
77 0.7	0.0 62.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/28/2023

Supervised By :Mahesh Dadoda 11/28/2023



#30

2-Butanone

Concen: 17.359 ug/l

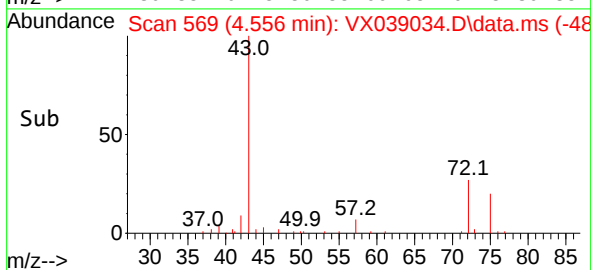
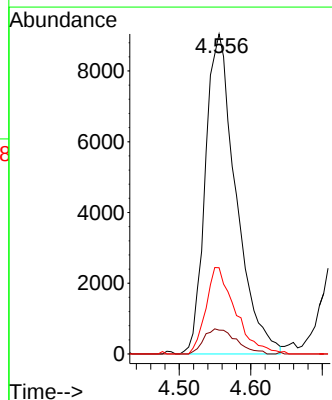
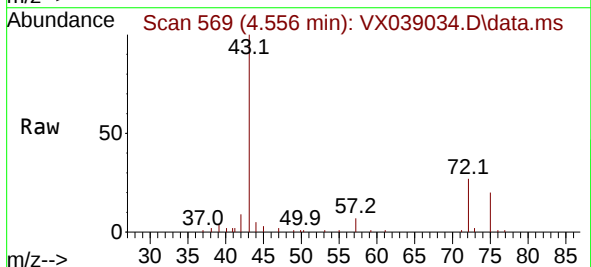
RT: 4.556 min Scan# 569

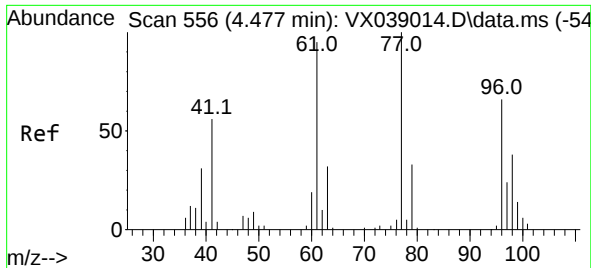
Delta R.T. 0.006 min

Lab File: VX039034.D

Acq: 27 Nov 2023 12:13

Tgt Ion: 43	Resp: 26862
Ion Ratio	Lower Upper
43 100	
57 8.3	6.6 10.0
72 26.0	20.6 31.0





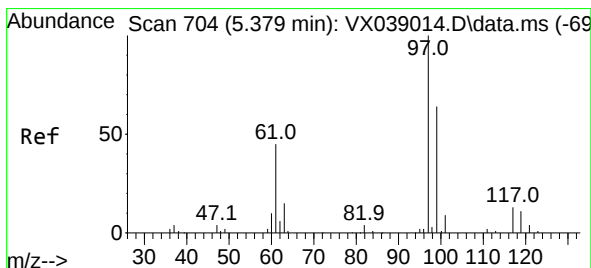
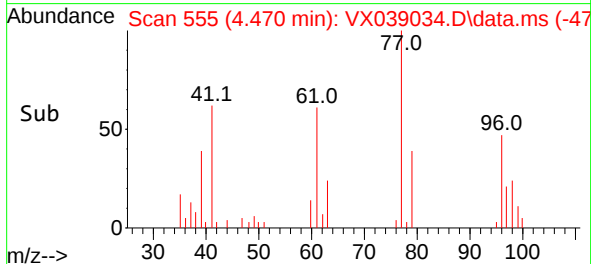
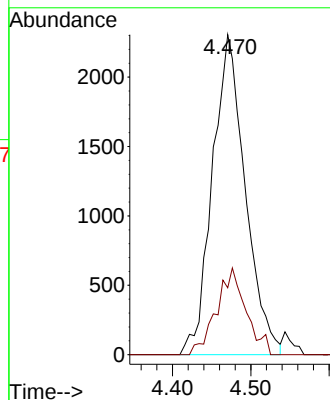
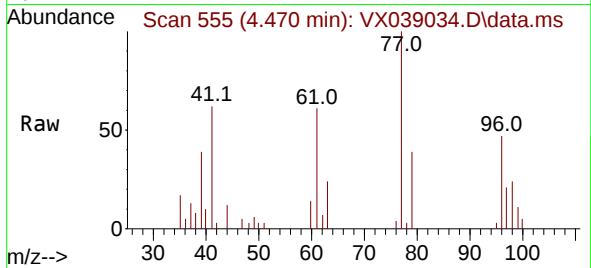
#31
2,2-Dichloropropane
Concen: 2.863 ug/l
RT: 4.470 min Scan# 556
Delta R.T. -0.006 min
Lab File: VX039034.D
Acq: 27 Nov 2023 12:13

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2023

Tgt Ion: 77 Resp: 6729
Ion Ratio Lower Upper
77 100
97 21.6 18.2 27.4

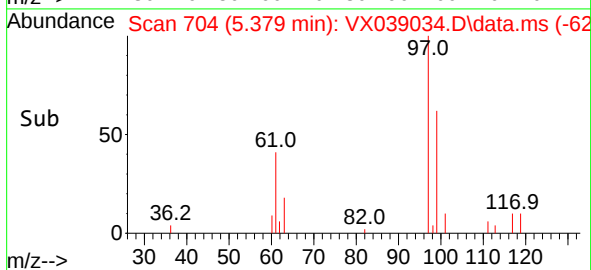
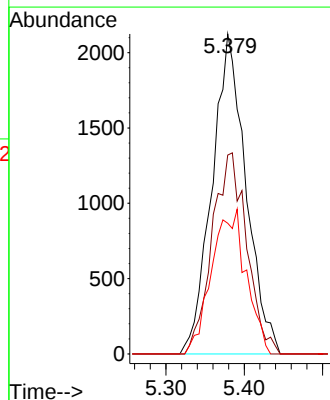
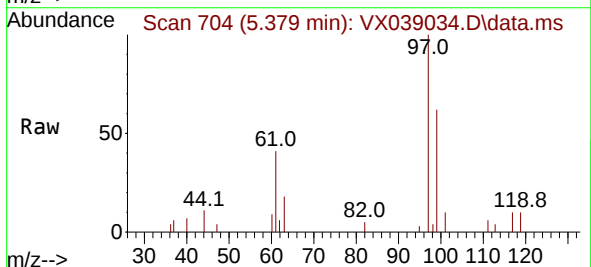
Manual Integrations
APPROVED

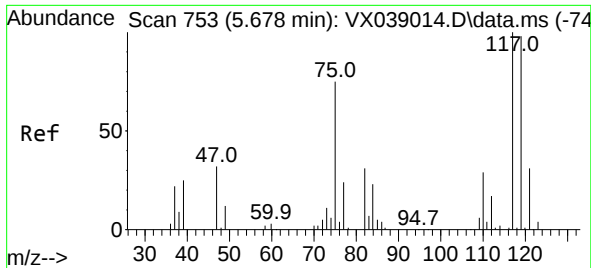
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#32
1,1,1-Trichloroethane
Concen: 2.693 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX039034.D
Acq: 27 Nov 2023 12:13

Tgt Ion: 97 Resp: 6398
Ion Ratio Lower Upper
97 100
99 64.0 52.6 79.0
61 16.8 36.9 55.3#





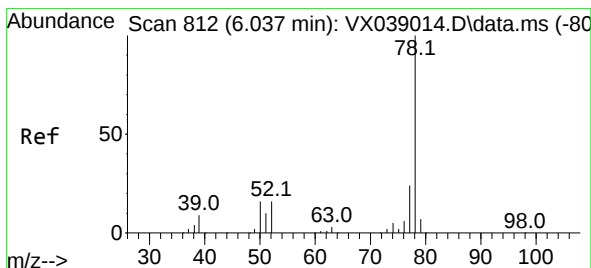
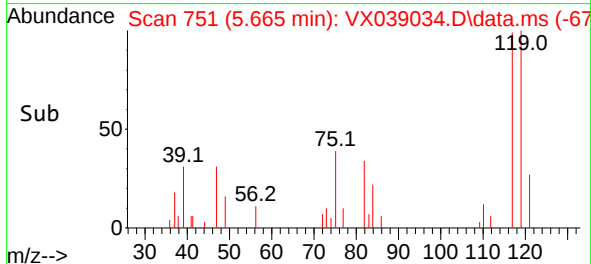
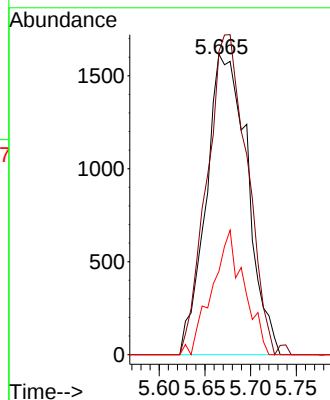
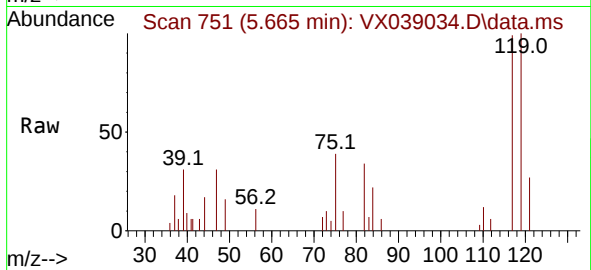
#33
Carbon Tetrachloride
Concen: 2.541 ug/l
RT: 5.665 min Scan# 71
Delta R.T. -0.013 min
Lab File: VX039034.D
Acq: 27 Nov 2023 12:13

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

Tgt Ion:117 Resp: 5084
Ion Ratio Lower Upper
117 100
119 100.9 78.2 117.4
121 27.7 24.7 37.1

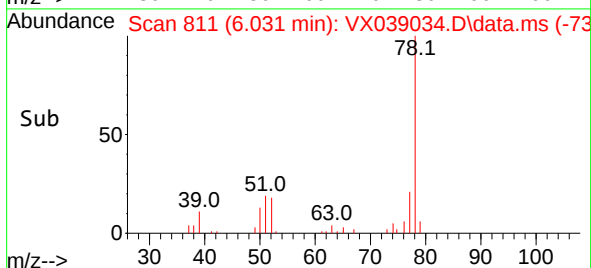
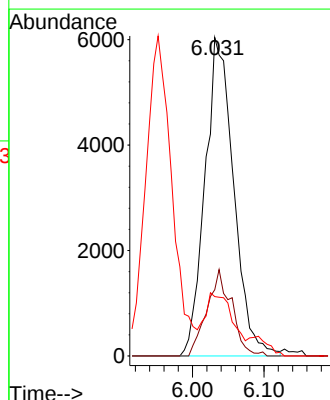
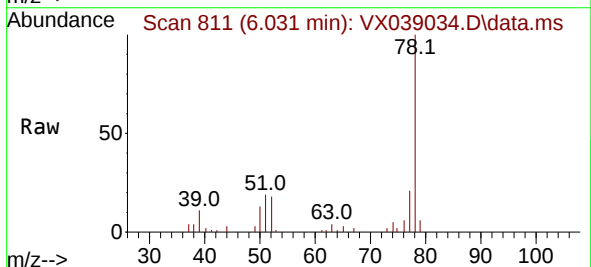
Manual Integrations
APPROVED

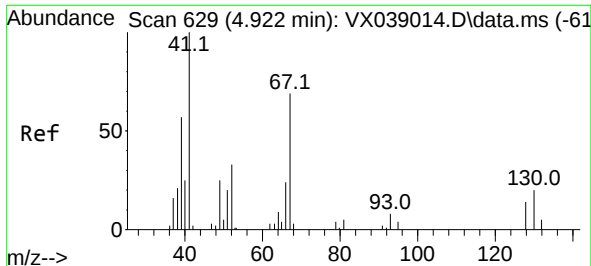
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#34
Benzene
Concen: 2.815 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX039034.D
Acq: 27 Nov 2023 12:13

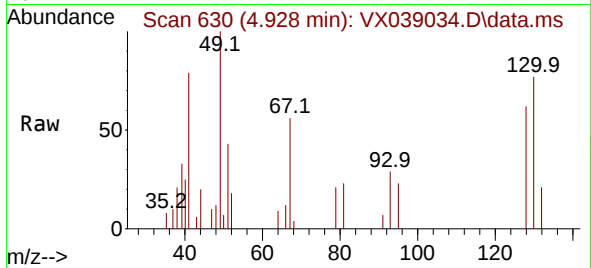
Tgt Ion: 78 Resp: 16854
Ion Ratio Lower Upper
78 100
77 20.8 19.3 28.9
51 17.5 14.4 21.6





#35
Methacrylonitrile
Concen: 2.605 ug/l m
RT: 4.928 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX039034.D
Acq: 27 Nov 2023 12:13

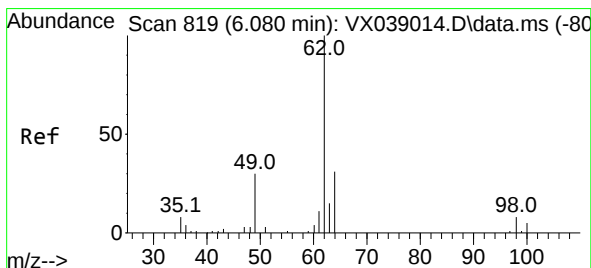
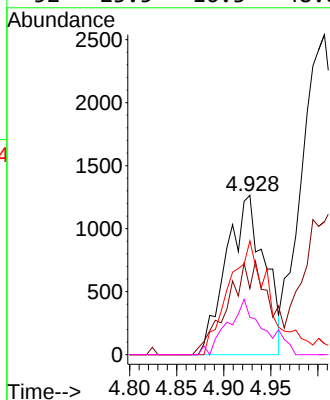
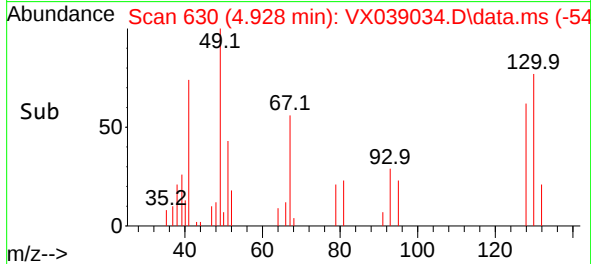
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023



Tgt Ion: 41 Resp: 357
Ion Ratio Lower Upper
41 100
39 41.6 28.2 84.7
67 71.4 34.5 103.5
52 23.5 16.3 48.8

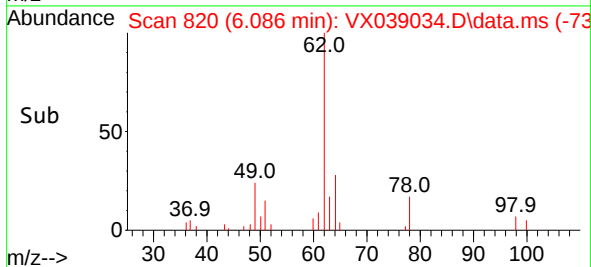
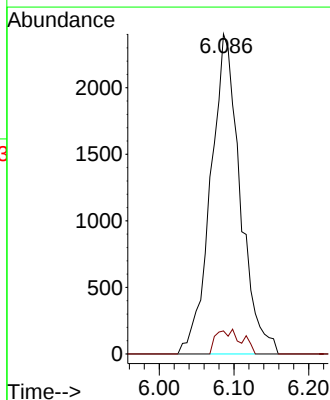
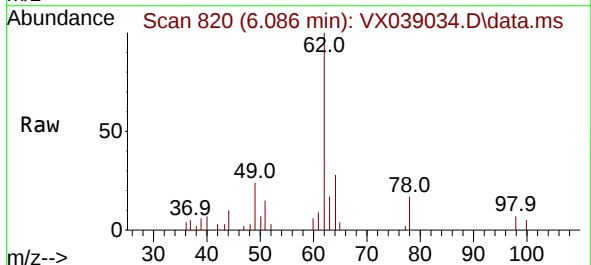
Manual Integrations
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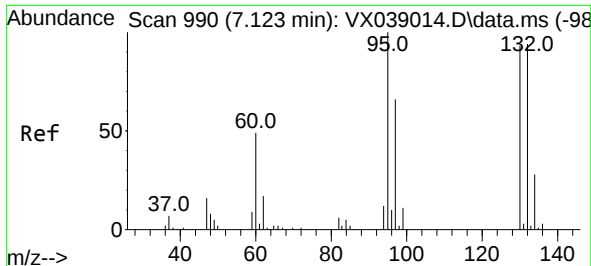
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#36
1,2-Dichloroethane
Concen: 2.998 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX039034.D
Acq: 27 Nov 2023 12:13

Tgt Ion: 62 Resp: 6586
Ion Ratio Lower Upper
62 100
98 3.4 7.0 10.4#





#37

Trichloroethene

Concen: 2.764 ug/l

RT: 7.128 min Scan# 990

Delta R.T. 0.006 min

Lab File: VX039034.D

Acq: 27 Nov 2023 12:13

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

Tgt Ion:130 Resp: 4200

Ion Ratio Lower Upper

130 100

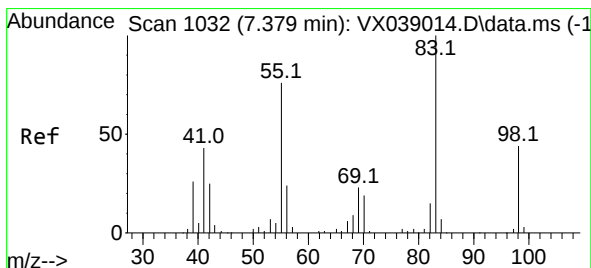
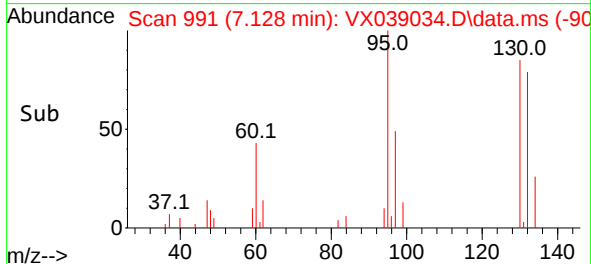
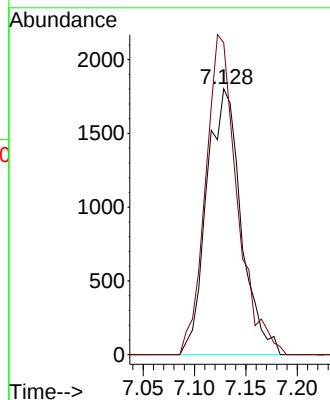
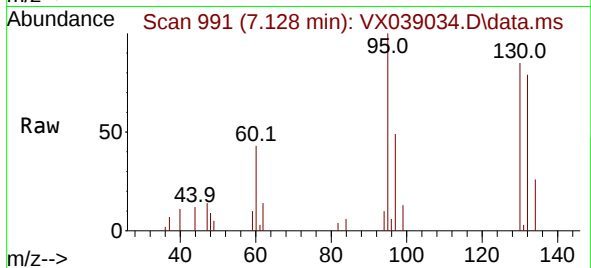
95 117.4 85.8 128.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/28/2023

Supervised By :Mahesh Dadoda 11/28/2023



#38

Methylcyclohexane

Concen: 2.737 ug/l

RT: 7.378 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX039034.D

Acq: 27 Nov 2023 12:13

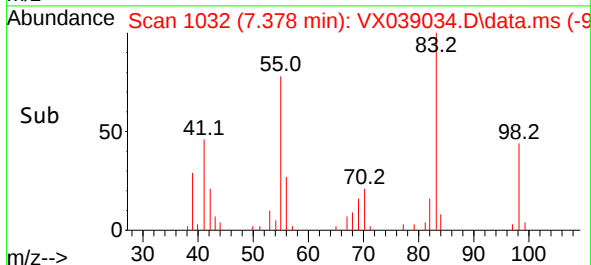
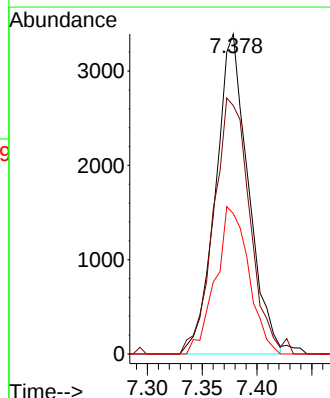
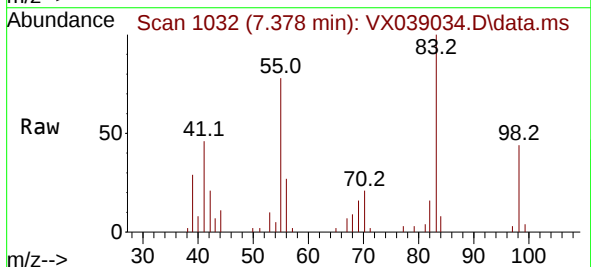
Tgt Ion: 83 Resp: 7009

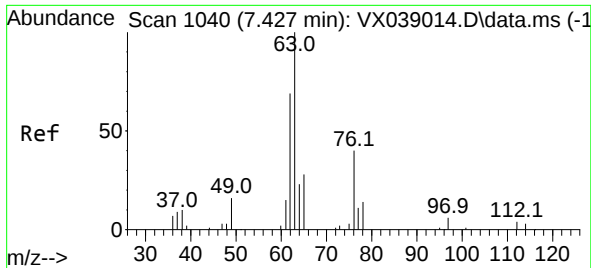
Ion Ratio Lower Upper

83 100

55 88.0 38.6 116.0

98 46.8 22.3 66.8





#39

1,2-Dichloropropane

Concen: 2.887 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX039034.D

Acq: 27 Nov 2023 12:13

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

Tgt Ion: 63 Resp: 455

Ion Ratio Lower Upper

63 100

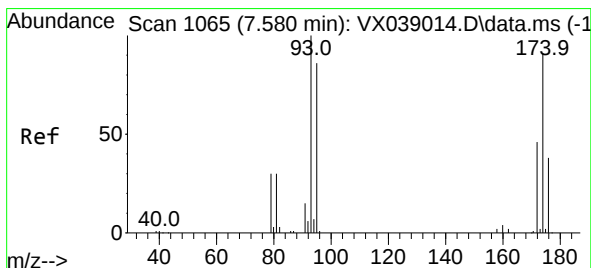
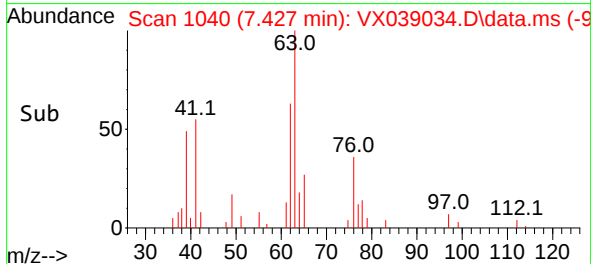
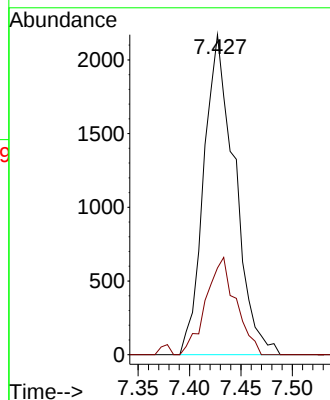
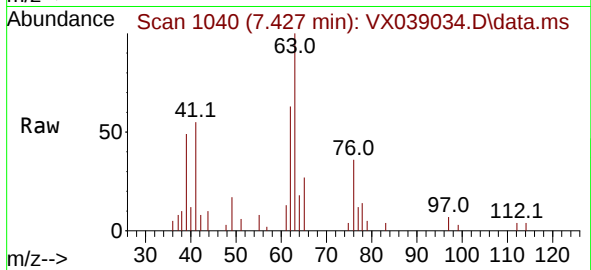
65 27.1 24.6 37.0

Manual Integrations

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Reviewed By :John Carlone 11/28/2023

Supervised By :Mahesh Dadoda 11/28/2023



#40

Dibromomethane

Concen: 2.686 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VX039034.D

Acq: 27 Nov 2023 12:13

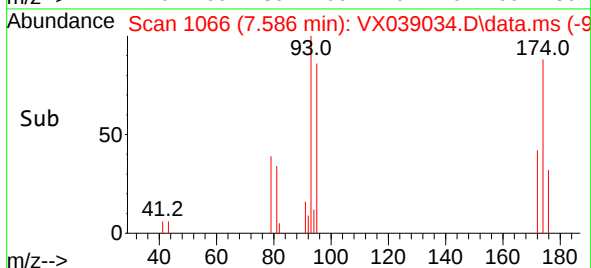
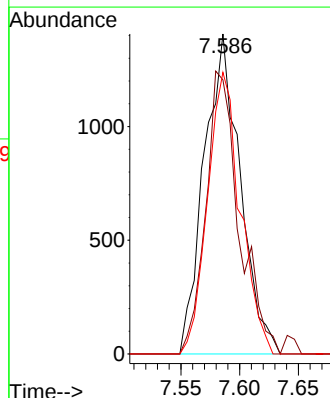
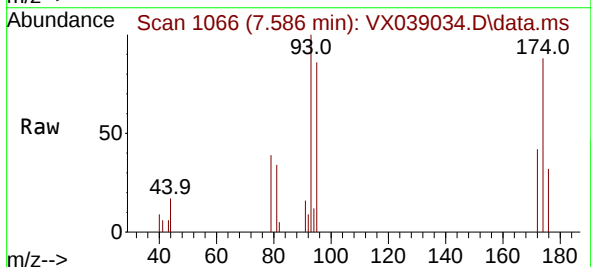
Tgt Ion: 93 Resp: 2997

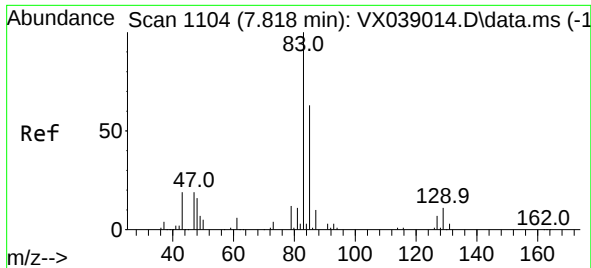
Ion Ratio Lower Upper

93 100

95 71.3 0.0 163.4

174 80.3 0.0 166.4





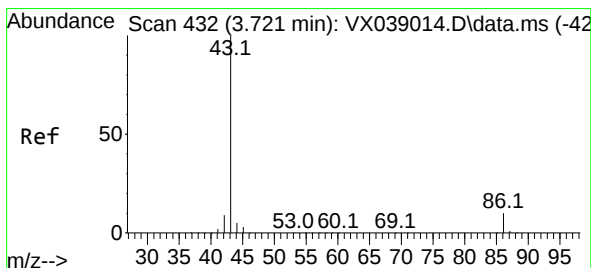
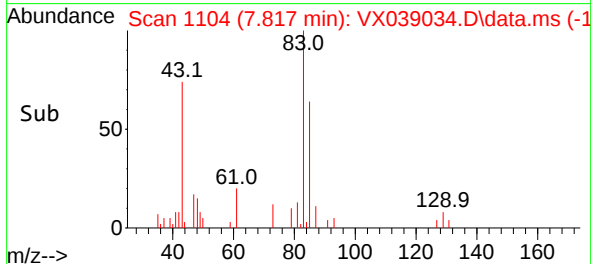
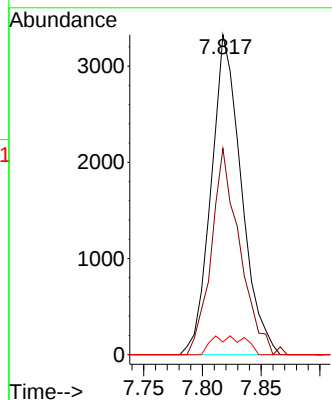
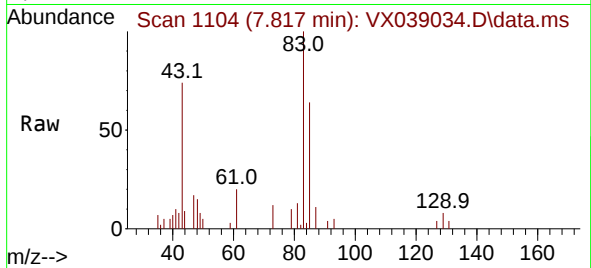
#41
Bromodichloromethane
Concen: 2.773 ug/l
RT: 7.817 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX039034.D
Acq: 27 Nov 2023 12:13

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2023

Tgt Ion: 83 Resp: 5944
Ion Ratio Lower Upper
83 100
85 64.4 50.8 76.2
127 3.9 5.9 8.9

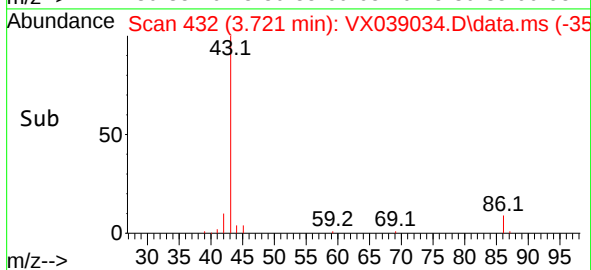
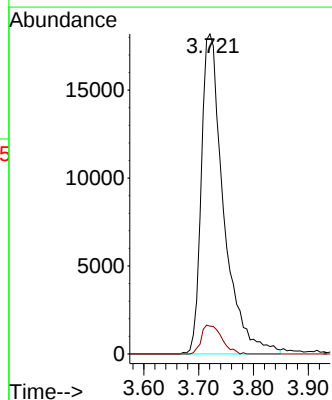
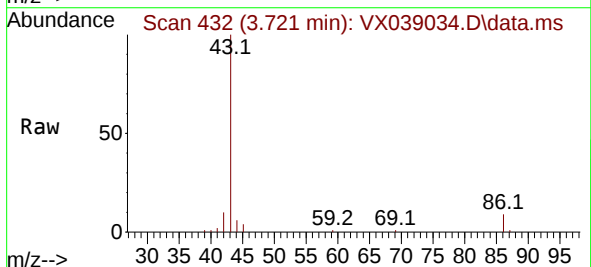
Manual Integrations
APPROVED

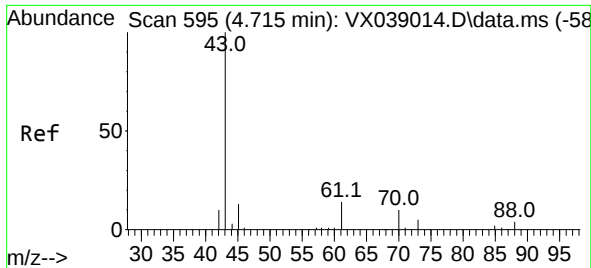
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#42
Vinyl Acetate
Concen: 13.968 ug/l
RT: 3.721 min Scan# 432
Delta R.T. -0.000 min
Lab File: VX039034.D
Acq: 27 Nov 2023 12:13

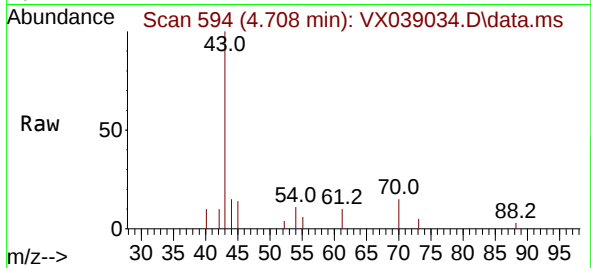
Tgt Ion: 43 Resp: 51484
Ion Ratio Lower Upper
43 100
86 8.1 6.7 10.1





#43
Ethyl Acetate
Concen: 2.526 ug/l m
RT: 4.708 min Scan# 595
Delta R.T. -0.006 min
Lab File: VX039034.D
Acq: 27 Nov 2023 12:13

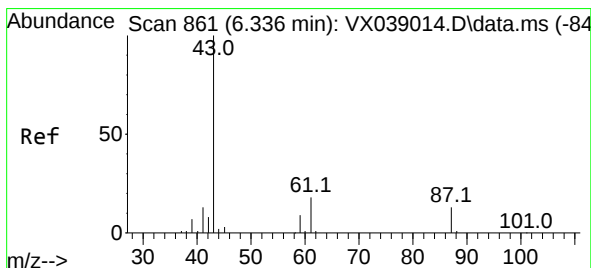
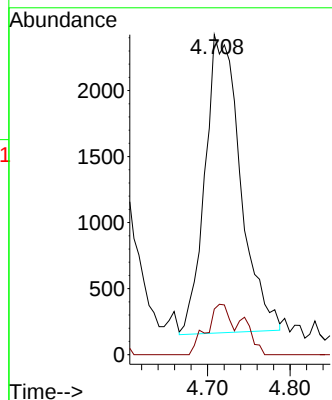
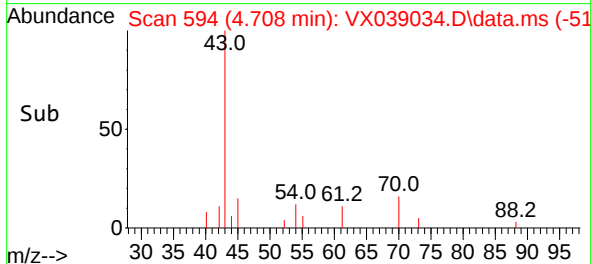
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2023



Tgt Ion: 43 Resp: 6725
Ion Ratio Lower Upper
43 100
45 9.3 11.8 17.8

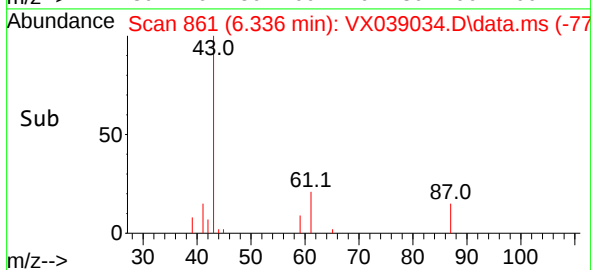
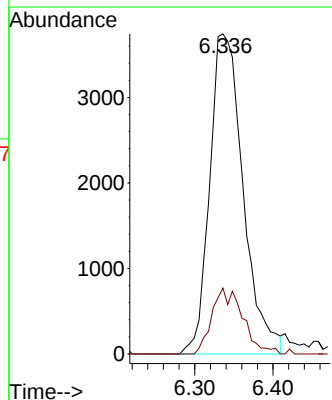
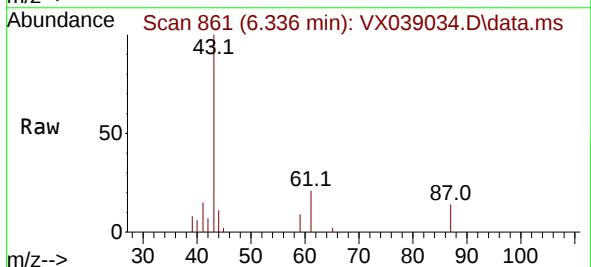
Manual Integrations
APPROVED

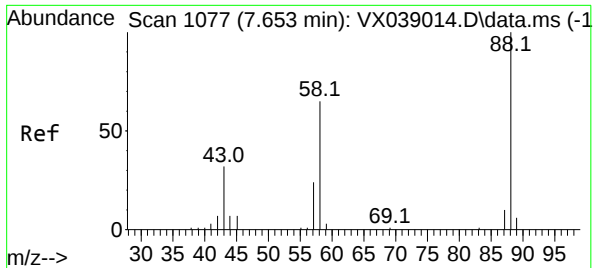
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#44
Isopropyl Acetate
Concen: 2.643 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.000 min
Lab File: VX039034.D
Acq: 27 Nov 2023 12:13

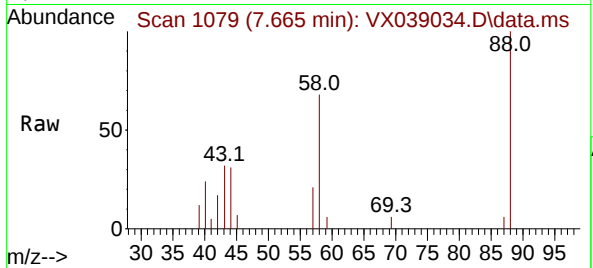
Tgt Ion: 43 Resp: 11092
Ion Ratio Lower Upper
43 100
61 10.2 15.6 23.4





#45
1,4-Dioxane
Concen: 51.023 ug/l
RT: 7.665 min Scan# 1077
Delta R.T. 0.012 min
Lab File: VX039034.D
Acq: 27 Nov 2023 12:13

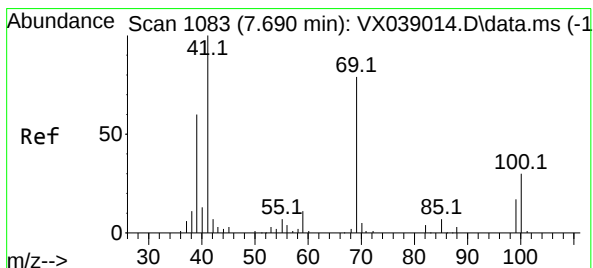
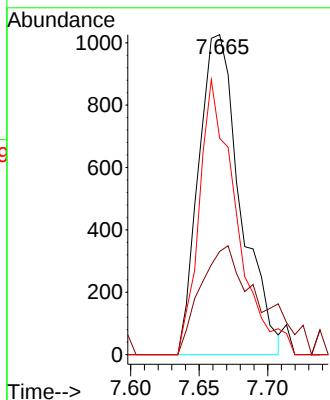
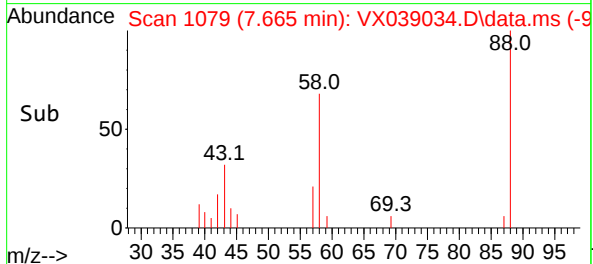
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023



Tgt Ion: 88 Resp: 2180
Ion Ratio Lower Upper
88 100
43 38.2 28.1 42.1
58 73.5 57.7 86.5

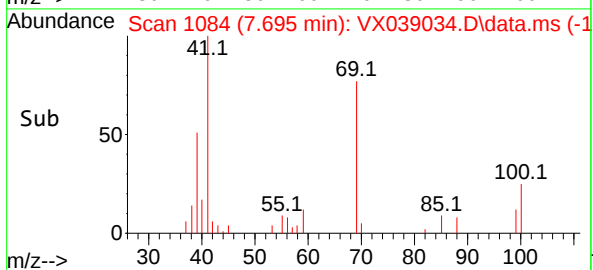
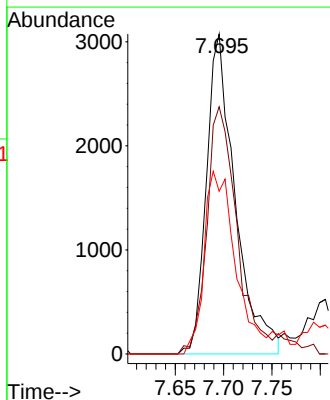
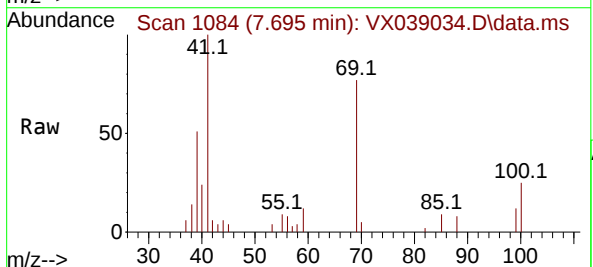
Manual Integrations
APPROVED

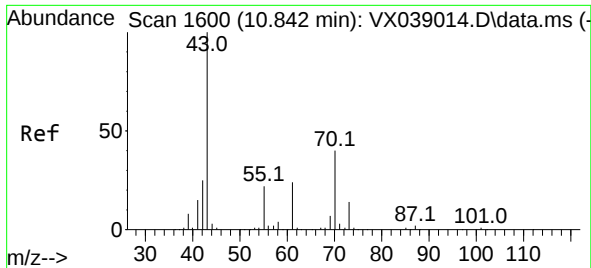
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#46
Methyl methacrylate
Concen: 2.653 ug/l
RT: 7.695 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX039034.D
Acq: 27 Nov 2023 12:13

Tgt Ion: 41 Resp: 6365
Ion Ratio Lower Upper
41 100
69 77.2 39.6 118.8
39 50.9 30.1 90.3





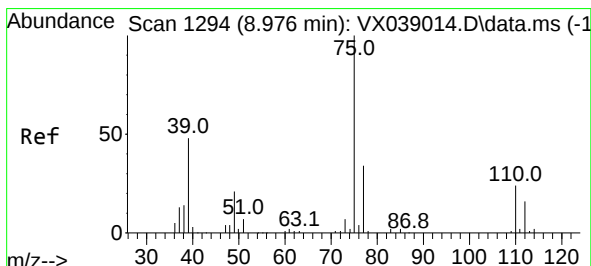
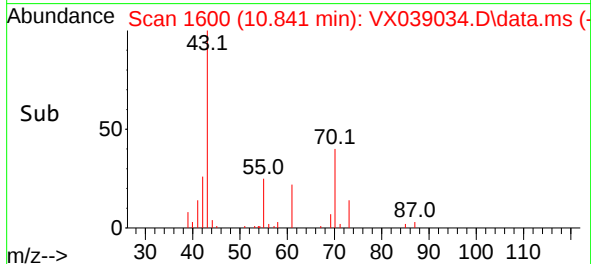
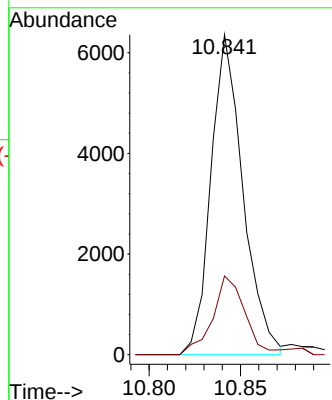
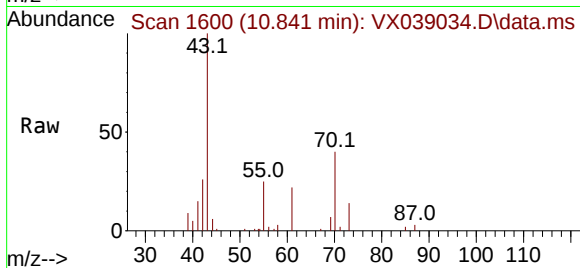
#47
n-amyl Acetate
Concen: 2.187 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX039034.D
Acq: 27 Nov 2023 12:13

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2023

Tgt Ion: 43 Resp: 7768
Ion Ratio Lower Upper
43 100
55 24.4 18.2 27.2

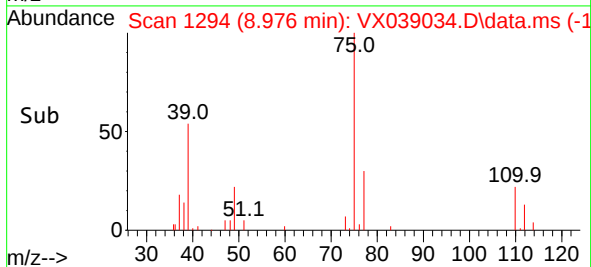
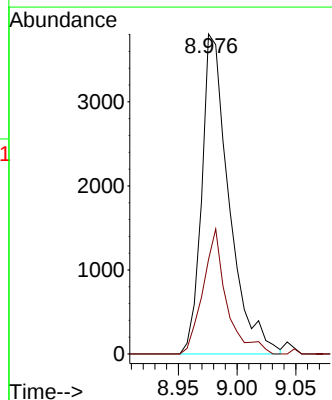
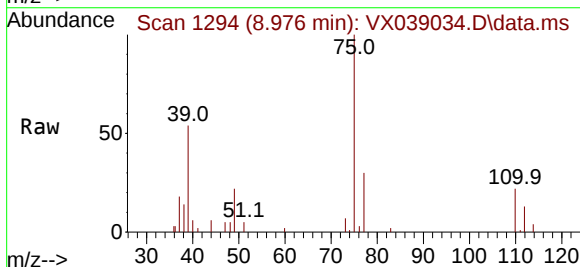
Manual Integrations
APPROVED

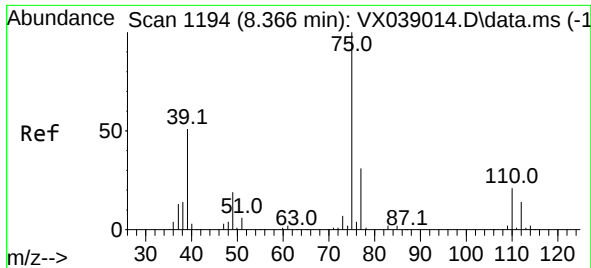
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#48
t-1,3-Dichloropropene
Concen: 2.477 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX039034.D
Acq: 27 Nov 2023 12:13

Tgt Ion: 75 Resp: 6156
Ion Ratio Lower Upper
75 100
77 29.5 26.8 40.2





#49

cis-1,3-Dichloropropene

Concen: 2.680 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX039034.D

Acq: 27 Nov 2023 12:13

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

Tgt Ion: 75 Resp: 6870

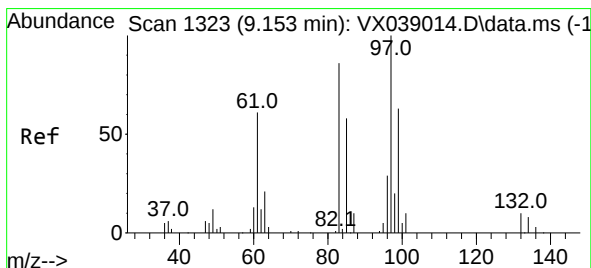
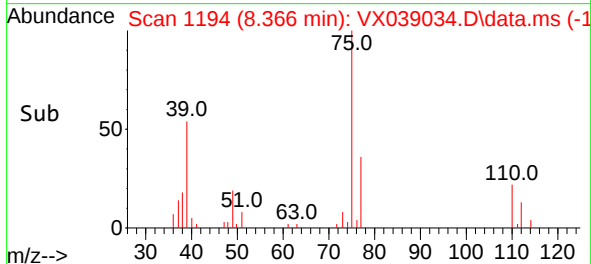
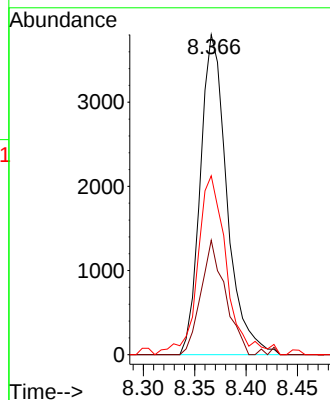
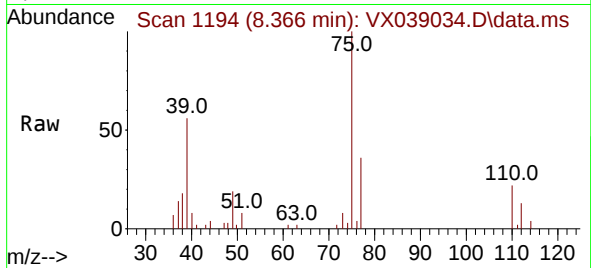
Ion	Ratio	Lower	Upper
75	100		
77	35.8	24.4	36.6
39	55.9	40.6	60.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/28/2023

Supervised By :Mahesh Dadoda 11/28/2023



#50

1,1,2-Trichloroethane

Concen: 2.504 ug/l

RT: 9.152 min Scan# 1323

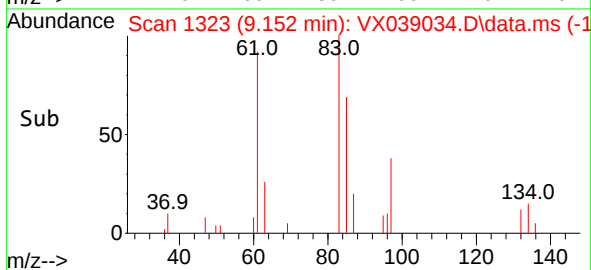
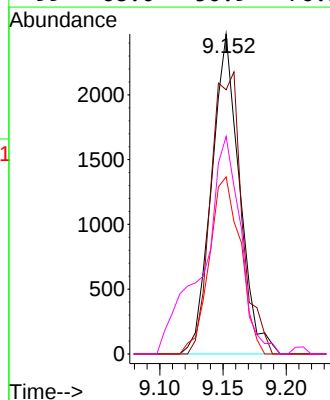
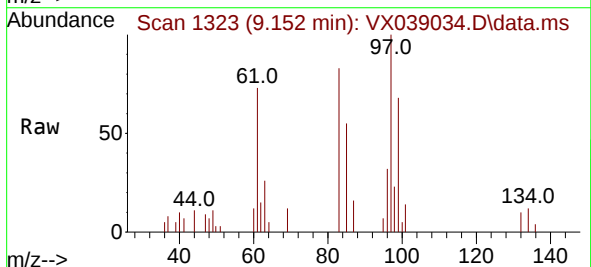
Delta R.T. -0.000 min

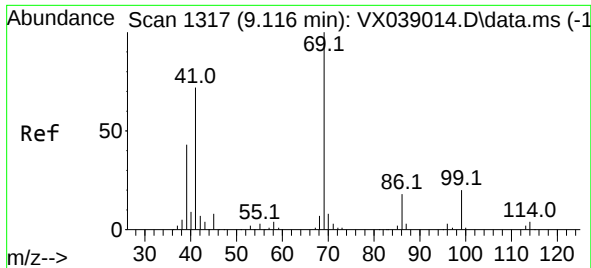
Lab File: VX039034.D

Acq: 27 Nov 2023 12:13

Tgt Ion: 97 Resp: 3795

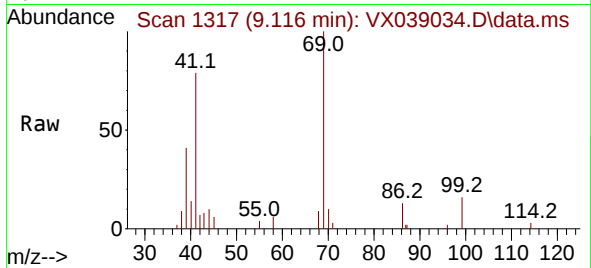
Ion	Ratio	Lower	Upper
97	100		
83	82.6	69.0	103.6
85	55.3	46.3	69.5
99	68.0	50.9	76.3





#51
Ethyl methacrylate
Concen: 2.509 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX039034.D
Acq: 27 Nov 2023 12:13

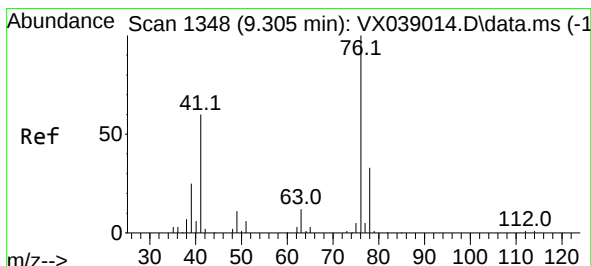
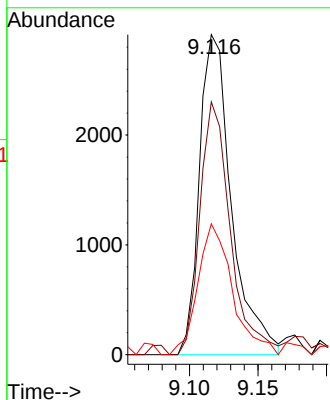
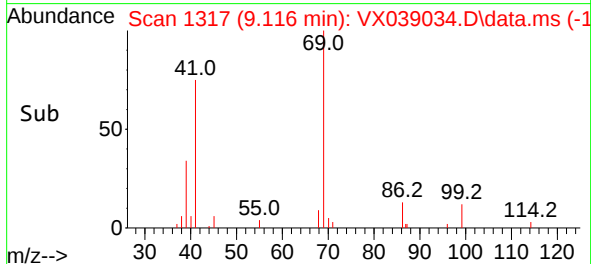
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2023



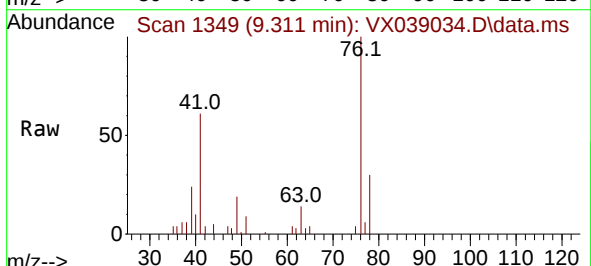
Tgt Ion: 69 Resp: 4760
Ion Ratio Lower Upper
69 100
41 79.0 36.2 108.6
39 40.9 21.1 63.4

Manual Integrations
APPROVED

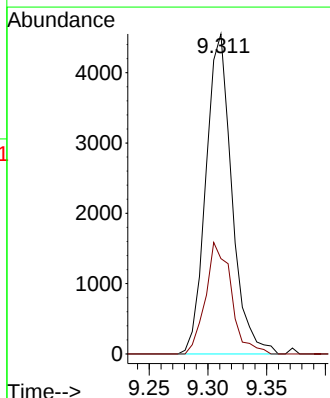
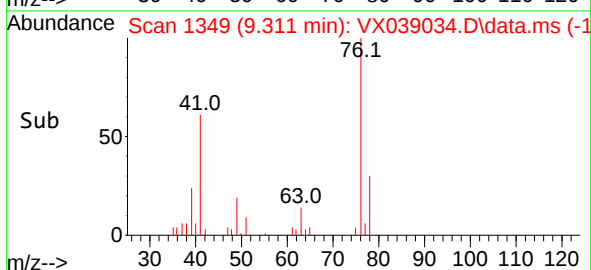
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023

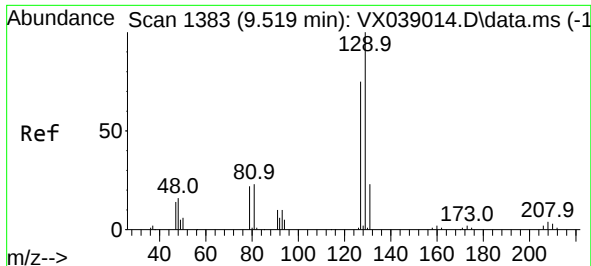


#52
1,3-Dichloropropane
Concen: 2.685 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.006 min
Lab File: VX039034.D
Acq: 27 Nov 2023 12:13



Tgt Ion: 76 Resp: 6978
Ion Ratio Lower Upper
76 100
78 34.6 0.0 65.0





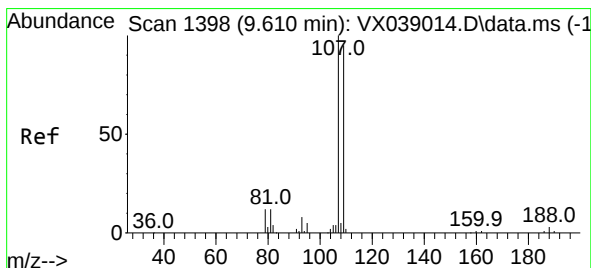
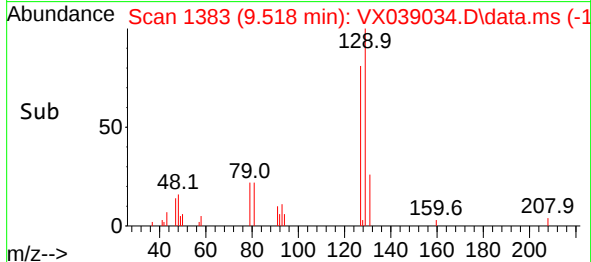
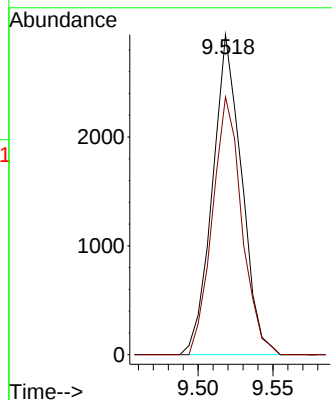
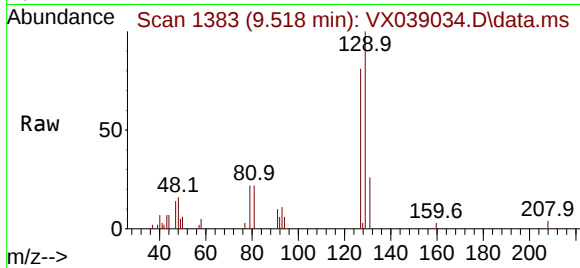
#53
Dibromochloromethane
Concen: 2.452 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX039034.D
Acq: 27 Nov 2023 12:13

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2023

Tgt Ion:129 Resp: 399
Ion Ratio Lower Upper
129 100
127 81.1 38.3 114.9

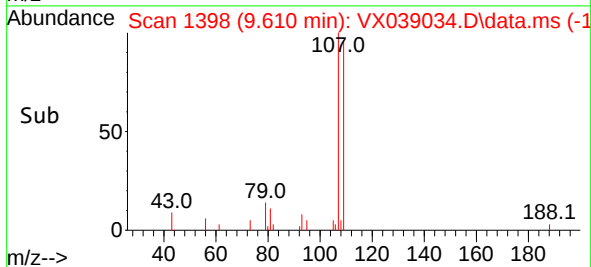
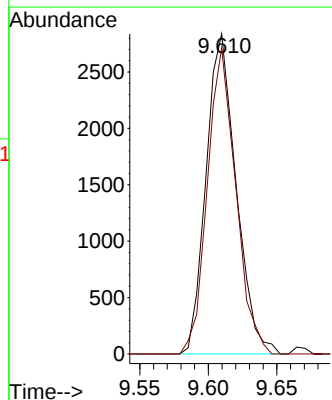
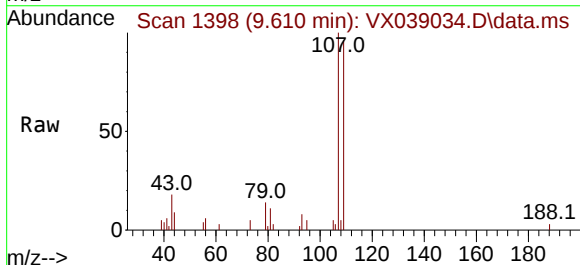
Manual Integrations
APPROVED

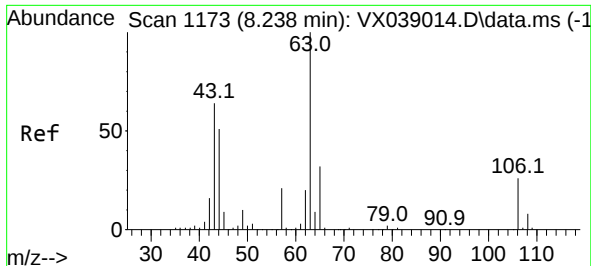
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#54
1,2-Dibromoethane
Concen: 2.605 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX039034.D
Acq: 27 Nov 2023 12:13

Tgt Ion:107 Resp: 4330
Ion Ratio Lower Upper
107 100
109 90.3 75.1 112.7





#55

2-Chloroethyl vinyl ether

Concen: 14.975 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VX039034.D

Acq: 27 Nov 2023 12:13

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

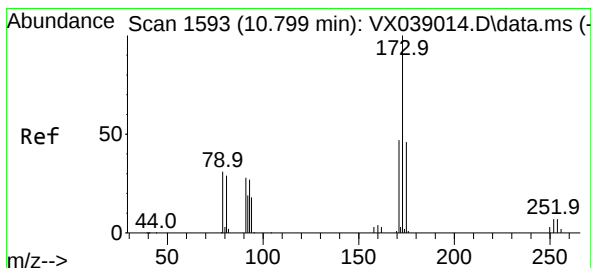
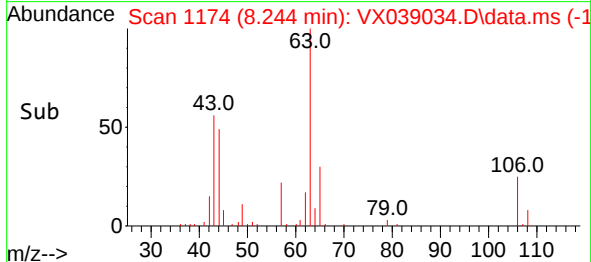
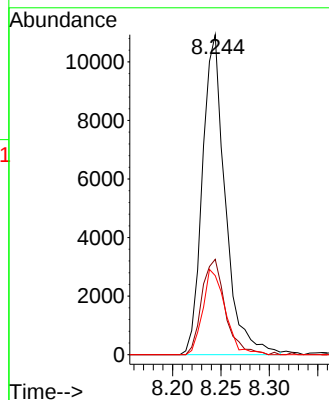
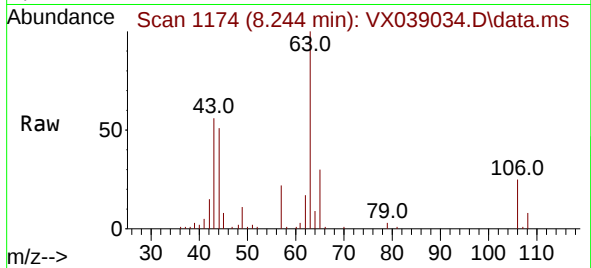
Tgt Ion:	63	Resp:	1800
Ion Ratio	Lower	Upper	
63	100		
65	30.6	25.8	38.6
106	25.2	20.6	31.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/28/2023

Supervised By :Mahesh Dadoda 11/28/2023



#56

Bromoform

Concen: 2.412 ug/l

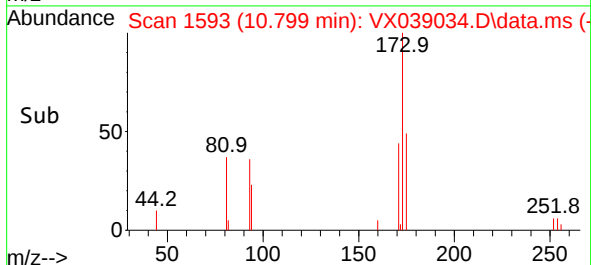
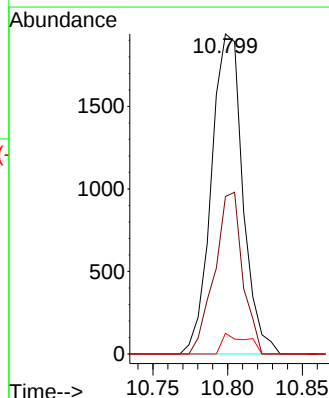
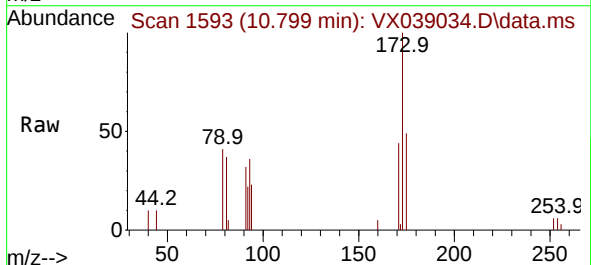
RT: 10.799 min Scan# 1593

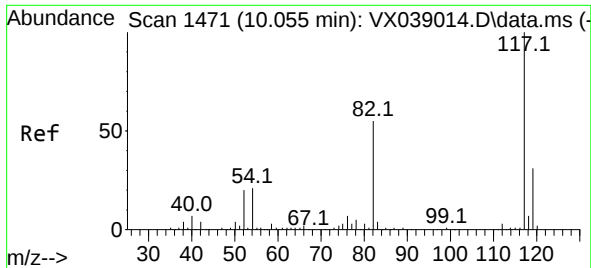
Delta R.T. -0.000 min

Lab File: VX039034.D

Acq: 27 Nov 2023 12:13

Tgt Ion:	173	Resp:	2834
Ion Ratio	Lower	Upper	
173	100		
175	45.0	37.6	56.4
254	3.9	5.8	8.8





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX039034.D

Acq: 27 Nov 2023 12:13

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

Tgt Ion: 117 Resp: 8996

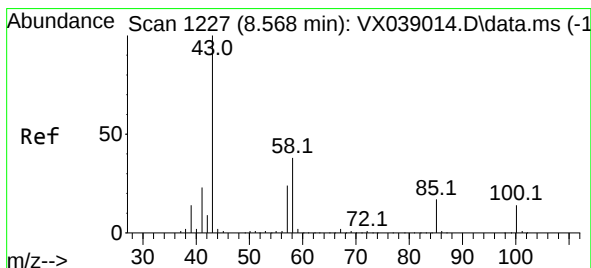
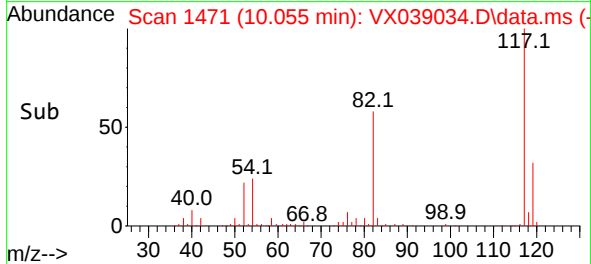
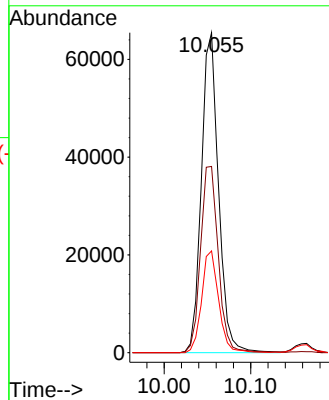
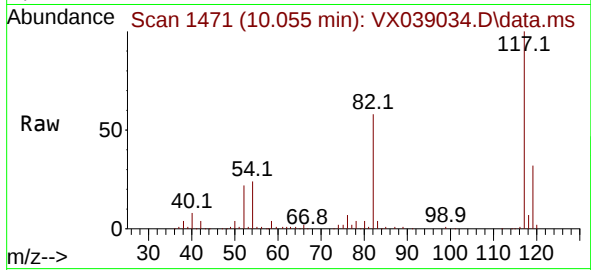
Ion	Ratio	Lower	Upper
117	100		
82	60.3	47.0	70.6
119	31.6	25.2	37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/28/2023

Supervised By :Mahesh Dadoda 11/28/2023



#58

4-Methyl-2-Pentanone

Concen: 13.906 ug/l

RT: 8.567 min Scan# 1227

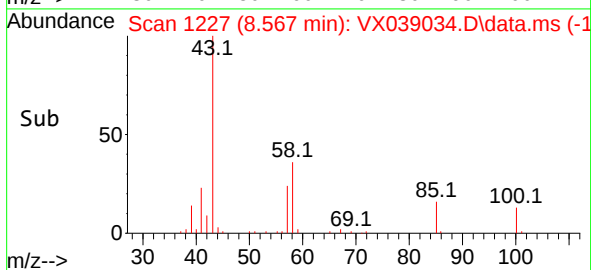
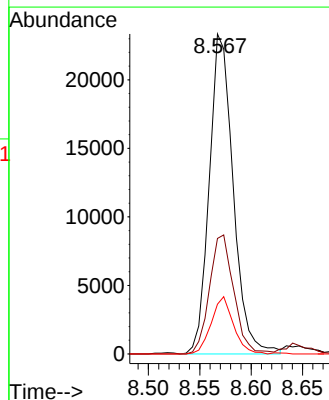
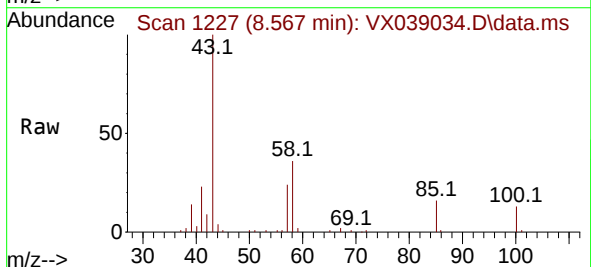
Delta R.T. -0.000 min

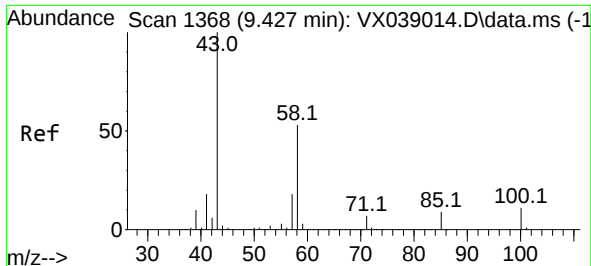
Lab File: VX039034.D

Acq: 27 Nov 2023 12:13

Tgt Ion: 43 Resp: 37937

Ion	Ratio	Lower	Upper
43	100		
58	37.4	30.1	45.1
85	16.5	13.9	20.9





#59

2-Hexanone

Concen: 14.441 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.000 min

Lab File: VX039034.D

Acq: 27 Nov 2023 12:13

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

Tgt Ion: 43 Resp: 32338

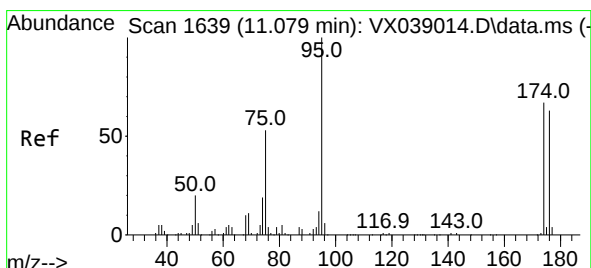
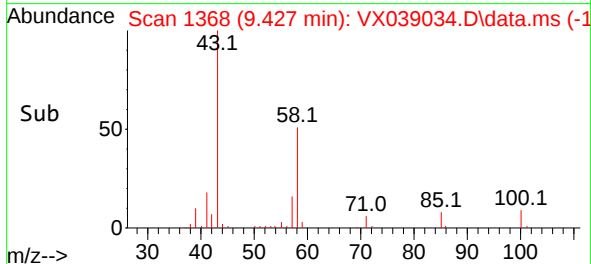
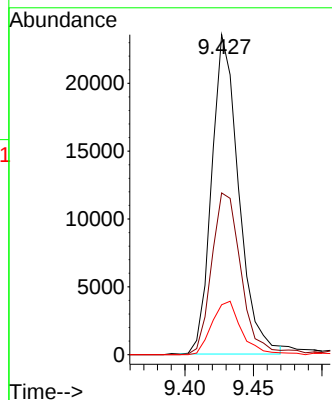
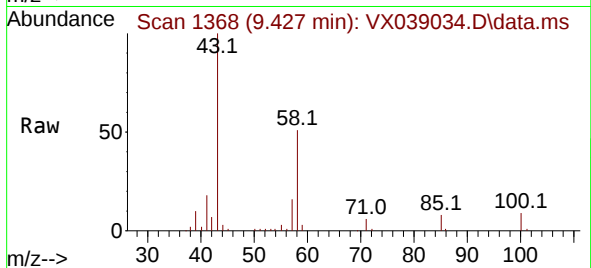
Ion	Ratio	Lower	Upper
43	100		
58	54.5	42.7	64.1
57	18.3	14.8	22.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/28/2023

Supervised By :Mahesh Dadoda 11/28/2023



#60

4-Bromofluorobenzene

Concen: 29.712 ug/l

RT: 11.079 min Scan# 1639

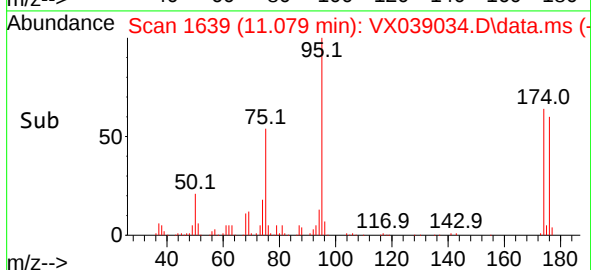
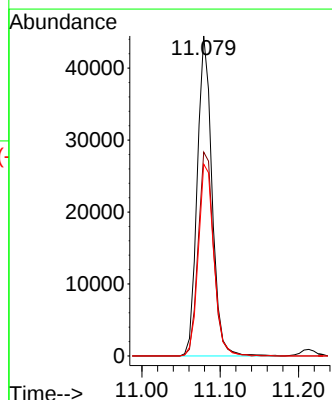
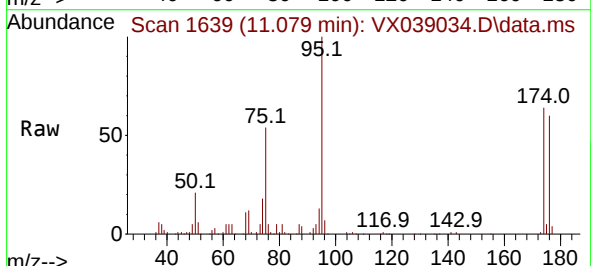
Delta R.T. -0.000 min

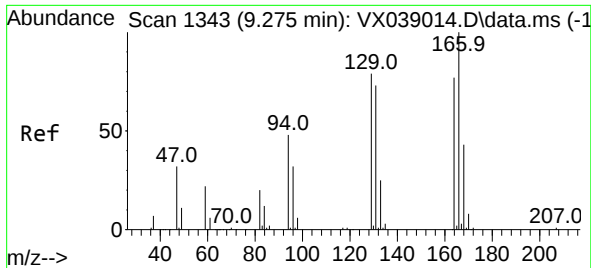
Lab File: VX039034.D

Acq: 27 Nov 2023 12:13

Tgt Ion: 95 Resp: 58384

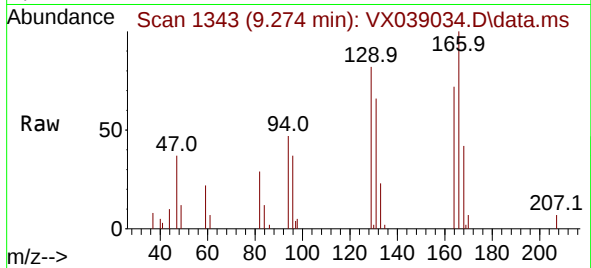
Ion	Ratio	Lower	Upper
95	100		
174	66.6	55.4	83.2
176	62.9	52.6	78.8





#61
Tetrachloroethene
Concen: 2.917 ug/l
RT: 9.274 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX039034.D
Acq: 27 Nov 2023 12:13

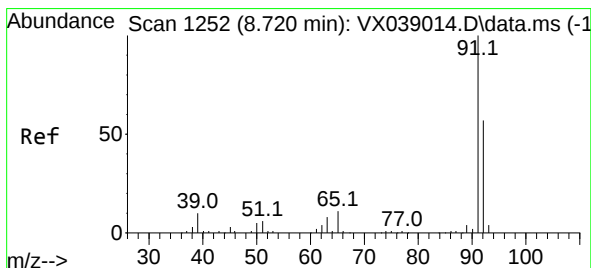
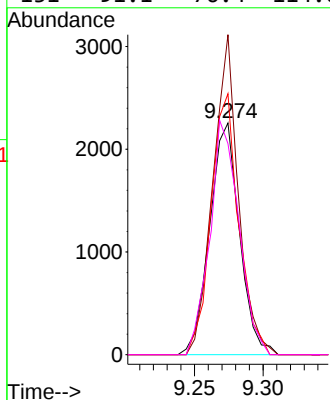
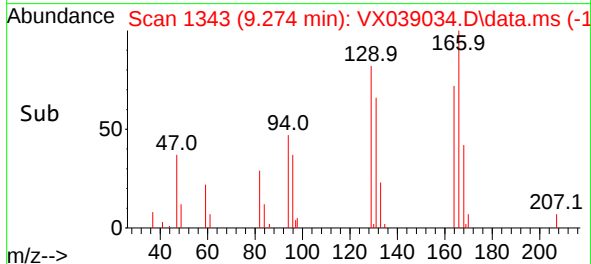
Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023



Tgt Ion:164 Resp: 341
Ion Ratio Lower Upper
164 100
166 138.1 104.0 156.0
129 112.6 82.0 123.0
131 91.1 76.4 114.6

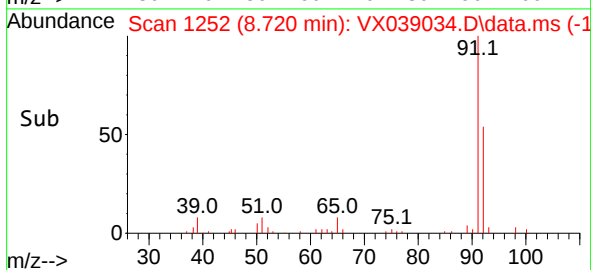
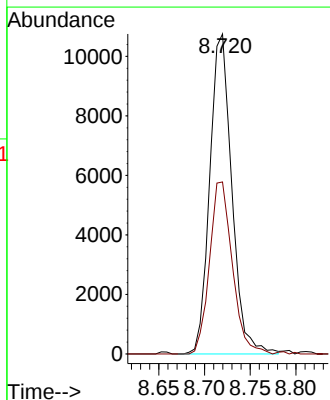
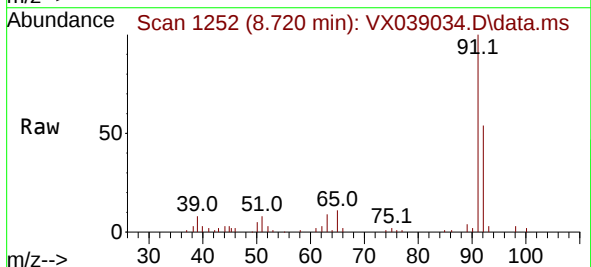
Manual Integrations
APPROVED

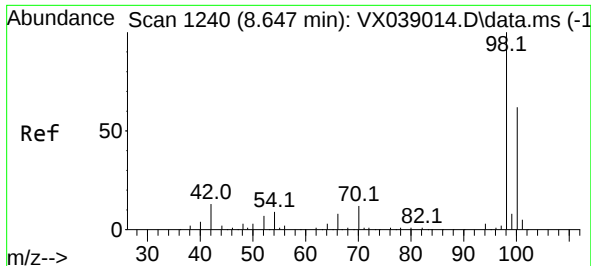
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#62
Toluene
Concen: 2.822 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX039034.D
Acq: 27 Nov 2023 12:13

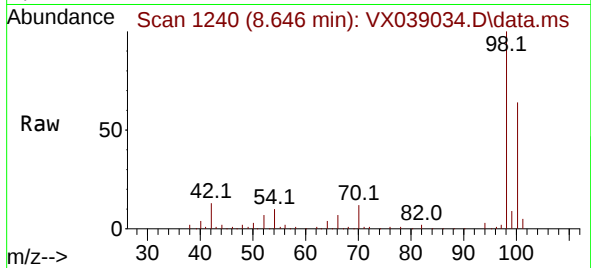
Tgt Ion: 91 Resp: 18025
Ion Ratio Lower Upper
91 100
92 55.6 45.9 68.9





#63
Toluene-d8
Concen: 30.455 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX039034.D
Acq: 27 Nov 2023 12:13

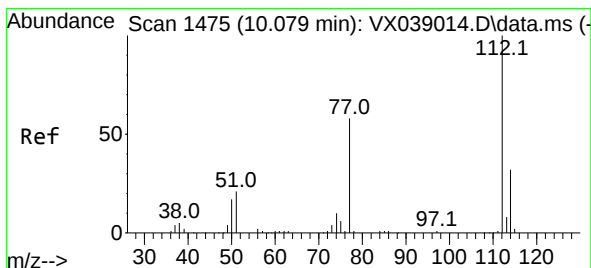
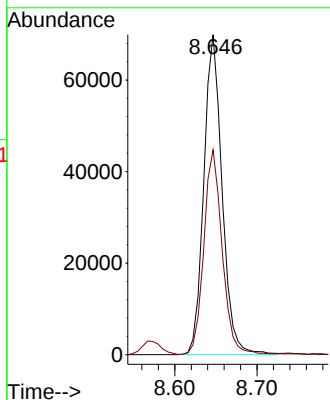
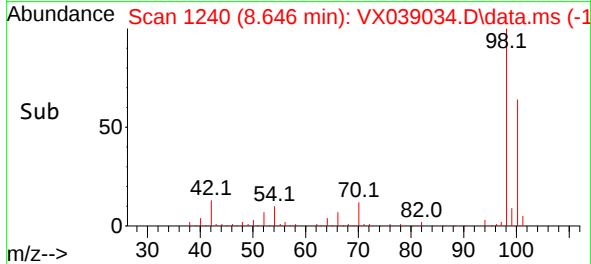
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023



Tgt Ion: 98 Resp: 108320
Ion Ratio Lower Upper
98 100
100 63.6 51.0 76.4

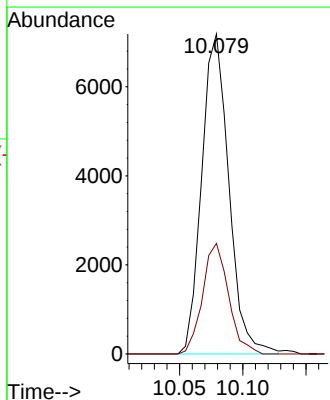
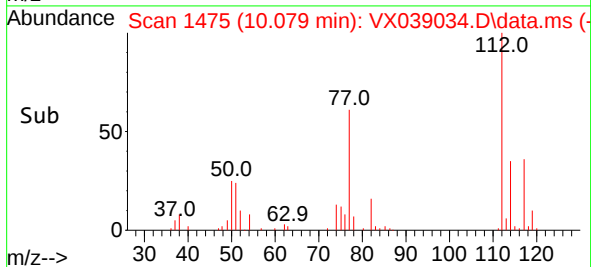
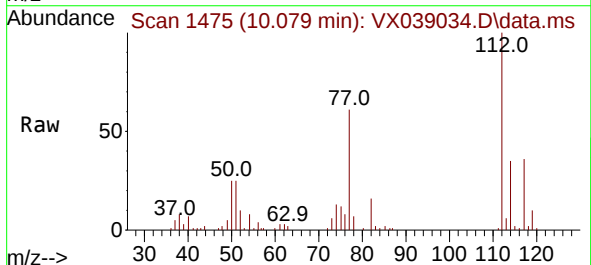
Manual Integrations
APPROVED

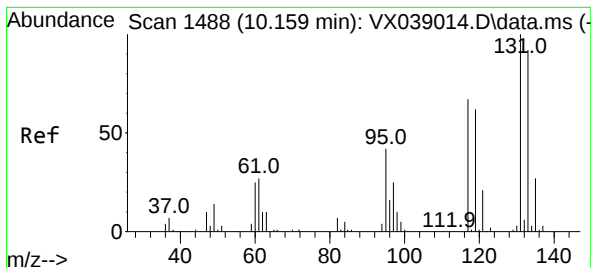
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#64
Chlorobenzene
Concen: 2.766 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX039034.D
Acq: 27 Nov 2023 12:13

Tgt Ion:112 Resp: 10747
Ion Ratio Lower Upper
112 100
114 34.5 25.9 38.9





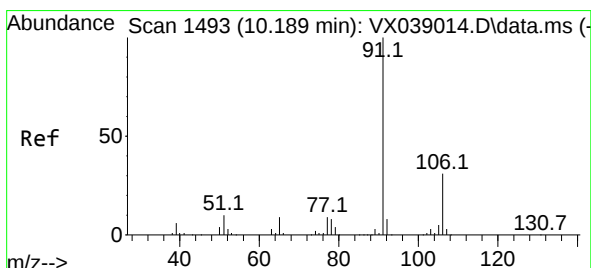
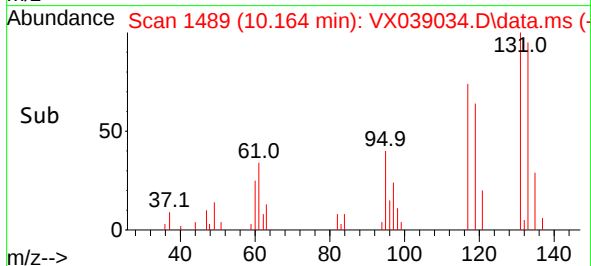
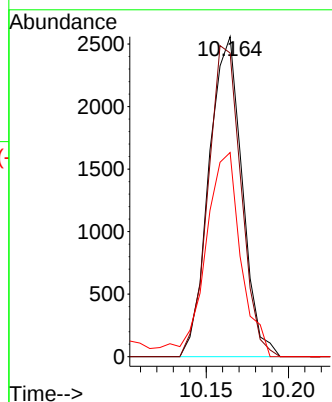
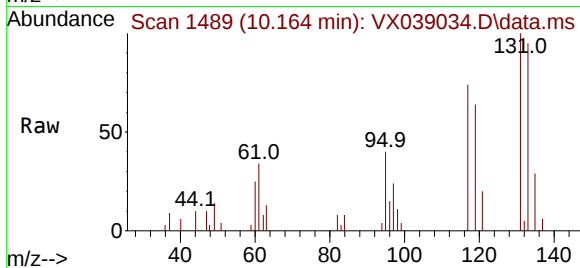
#65
1,1,1,2-Tetrachloroethane
Concen: 2.563 ug/l
RT: 10.164 min Scan# 1488
Delta R.T. 0.006 min
Lab File: VX039034.D
Acq: 27 Nov 2023 12:13

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2023

Tgt Ion:131 Resp: 3580
Ion Ratio Lower Upper
131 100
133 96.3 0.0 191.8
119 65.9 0.0 135.4

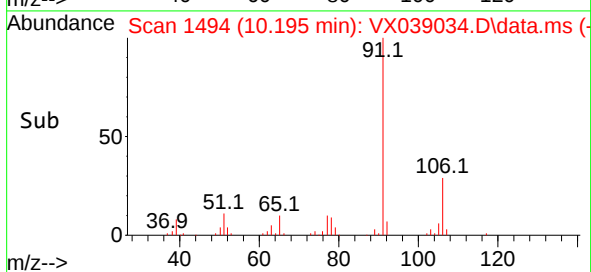
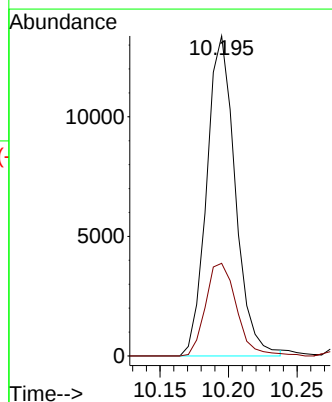
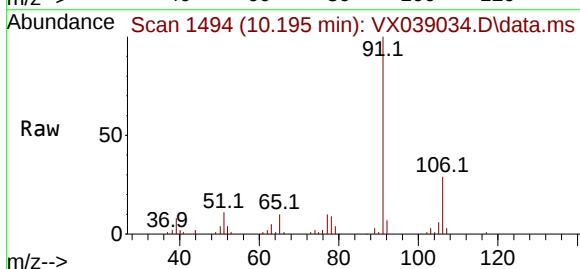
Manual Integrations
APPROVED

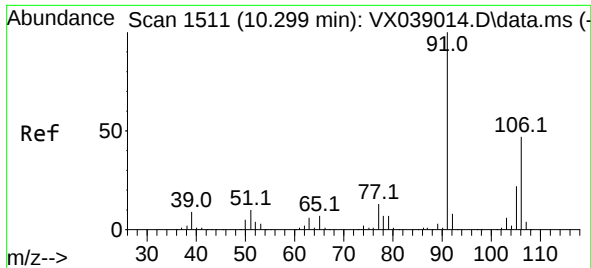
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#66
Ethyl Benzene
Concen: 2.672 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX039034.D
Acq: 27 Nov 2023 12:13

Tgt Ion: 91 Resp: 19434
Ion Ratio Lower Upper
91 100
106 29.0 24.4 36.6





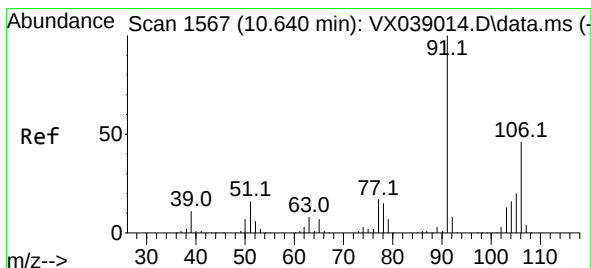
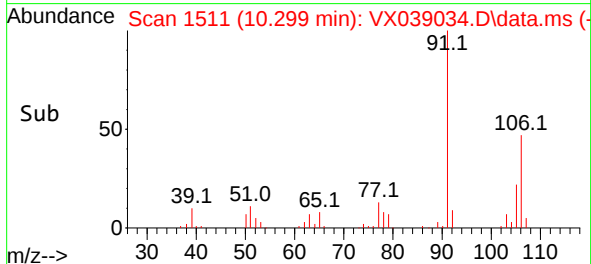
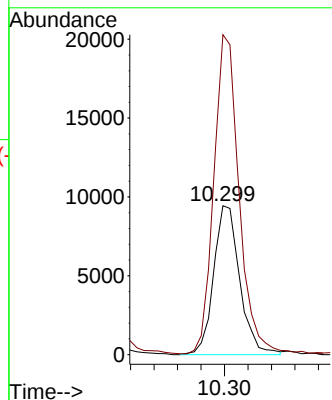
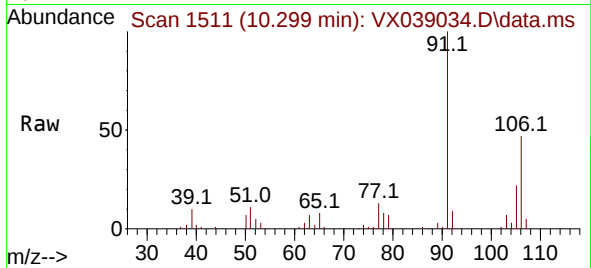
#67
m/p-Xylenes
Concen: 5.423 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX039034.D
Acq: 27 Nov 2023 12:13

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2023

Tgt Ion:106 Resp: 1457
Ion Ratio Lower Upper
106 100
91 207.4 169.4 254.0

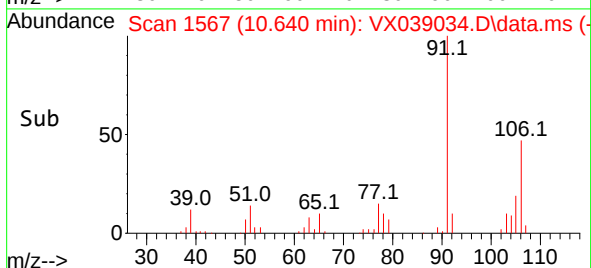
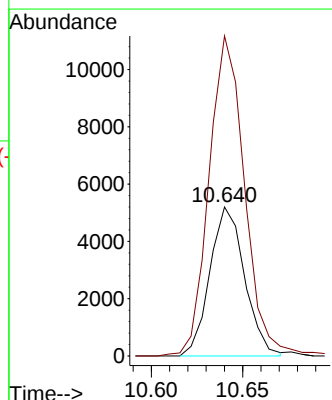
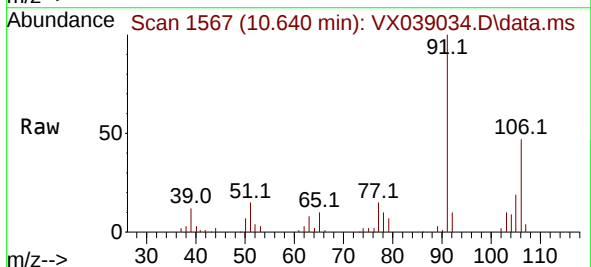
Manual Integrations
APPROVED

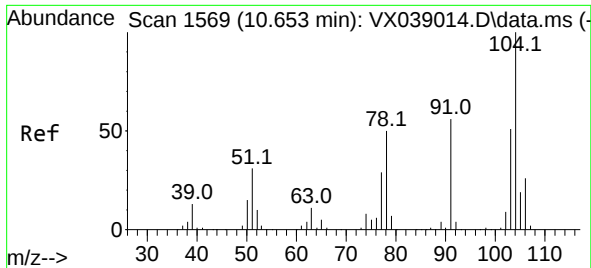
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#68
o-Xylene
Concen: 2.644 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX039034.D
Acq: 27 Nov 2023 12:13

Tgt Ion:106 Resp: 6884
Ion Ratio Lower Upper
106 100
91 221.1 111.2 333.6





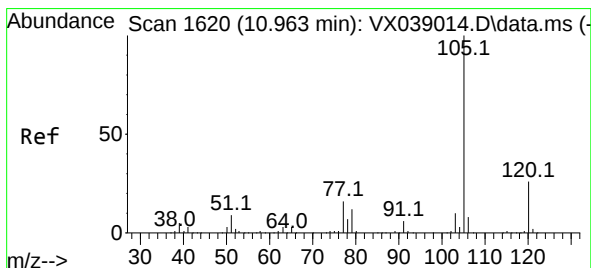
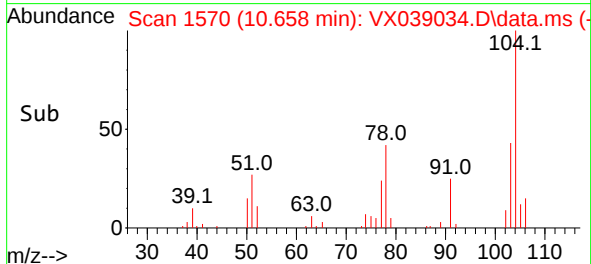
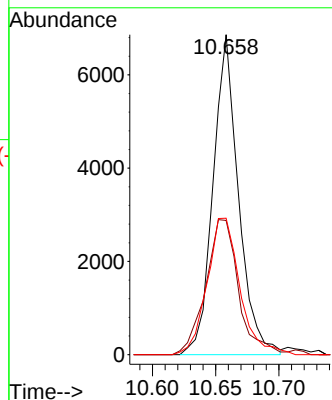
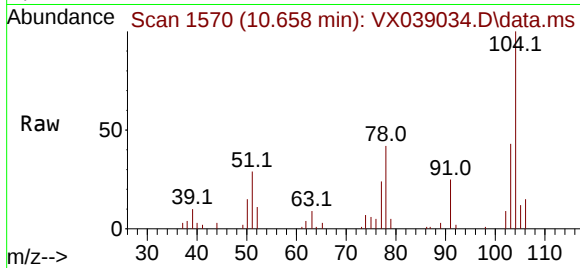
#69
Styrene
Concen: 2.488 ug/l
RT: 10.658 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX039034.D
Acq: 27 Nov 2023 12:13

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

Tgt Ion:104 Resp: 958
Ion Ratio Lower Upper
104 100
78 54.3 43.7 65.5
103 55.0 44.6 67.0

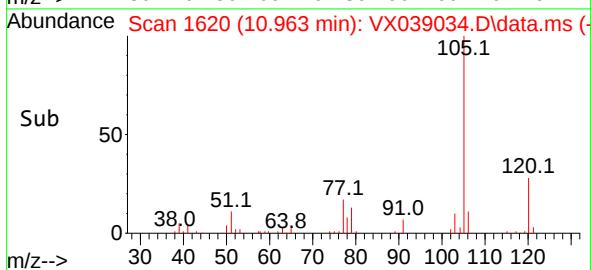
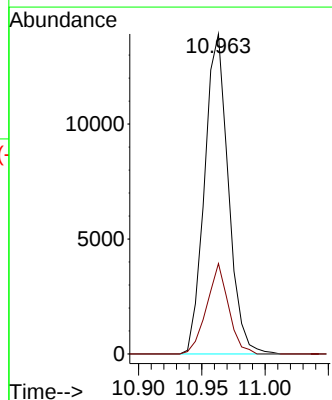
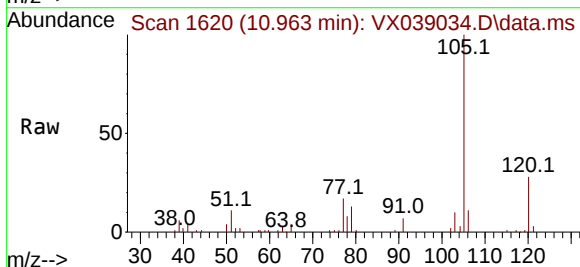
Manual Integrations
APPROVED

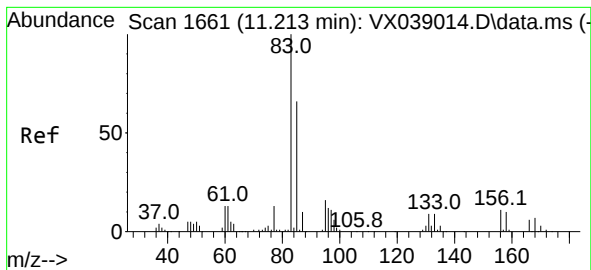
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#70
Isopropylbenzene
Concen: 2.613 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX039034.D
Acq: 27 Nov 2023 12:13

Tgt Ion:105 Resp: 18201
Ion Ratio Lower Upper
105 100
120 26.0 18.5 34.3





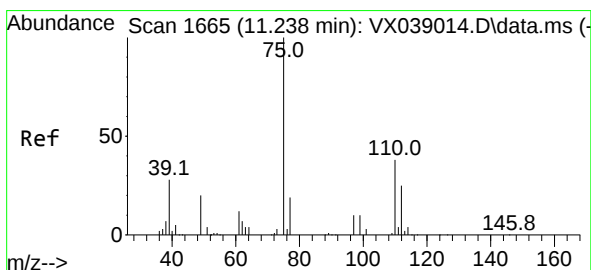
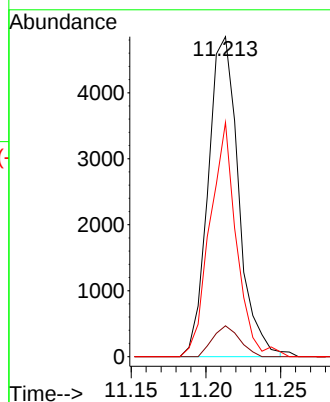
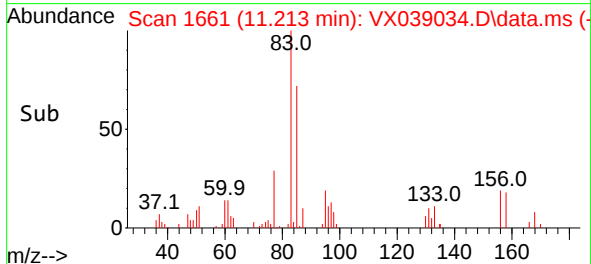
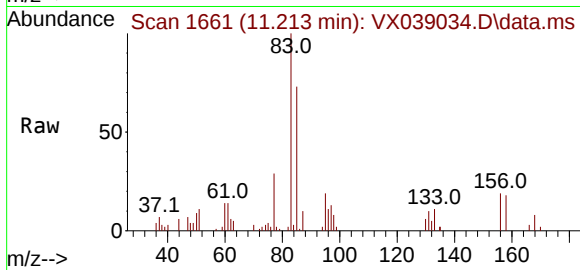
#71
1,1,2,2-Tetrachloroethane
Concen: 2.641 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX039034.D
Acq: 27 Nov 2023 12:13

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2023

Tgt Ion: 83 Resp: 6860
Ion Ratio Lower Upper
83 100
131 8.5 4.6 13.8
85 63.0 32.5 97.4

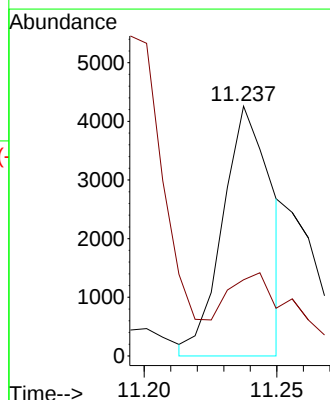
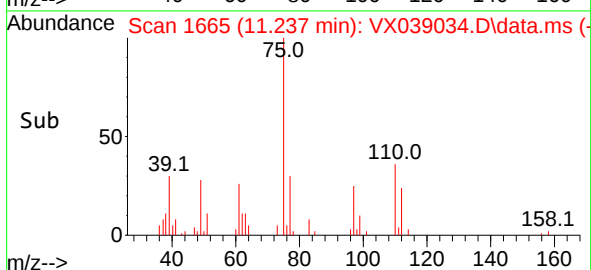
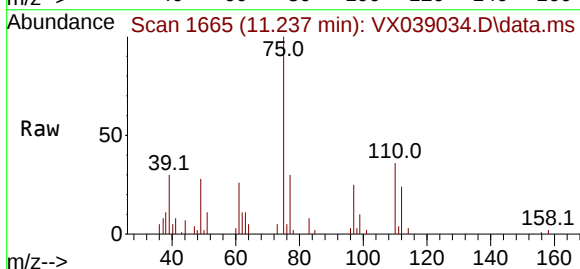
Manual Integrations
APPROVED

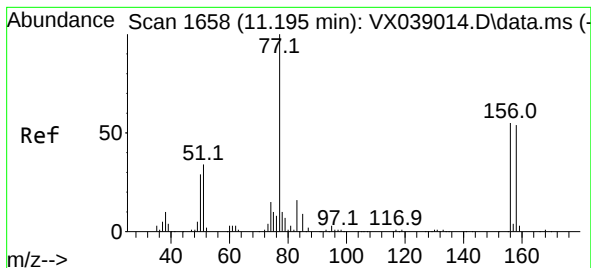
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#72
1,2,3-Trichloropropane
Concen: 2.455 ug/l m
RT: 11.237 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX039034.D
Acq: 27 Nov 2023 12:13

Tgt Ion: 75 Resp: 5402
Ion Ratio Lower Upper
75 100
77 46.6 0.0 76.4





#73

Bromobenzene

Concen: 2.713 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX039034.D

Acq: 27 Nov 2023 12:13

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

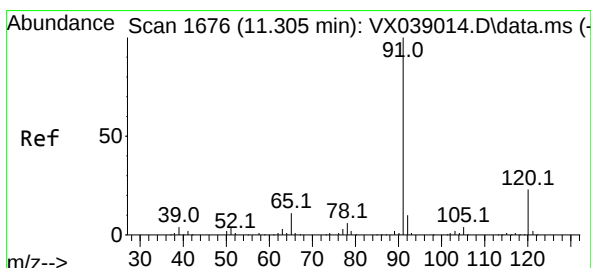
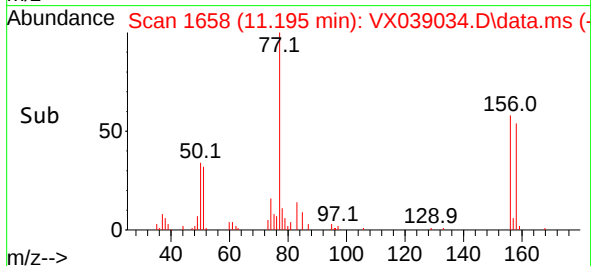
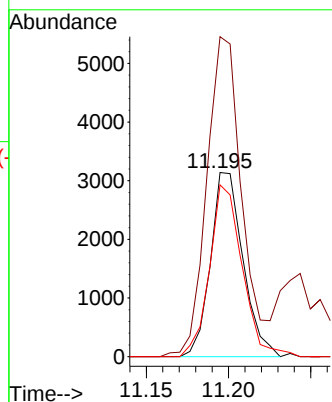
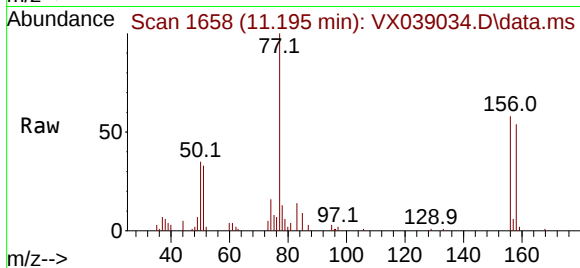
Tgt Ion:	156	Resp:	4302
Ion Ratio	Lower	Upper	
156	100		
77	189.0	0.0	363.2
158	93.8	0.0	197.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/28/2023

Supervised By :Mahesh Dadoda 11/28/2023



#74

n-propylbenzene

Concen: 2.679 ug/l

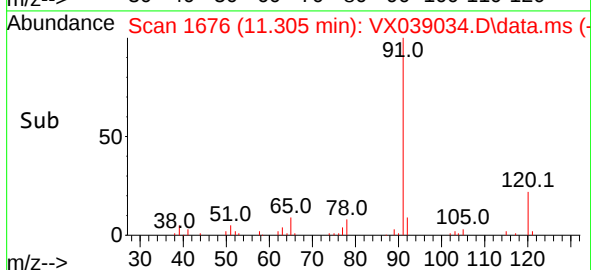
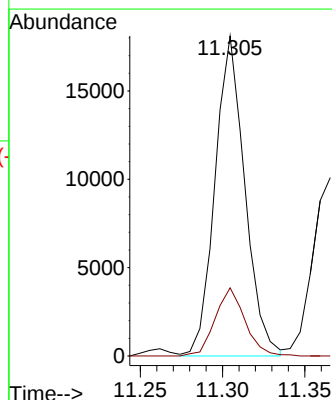
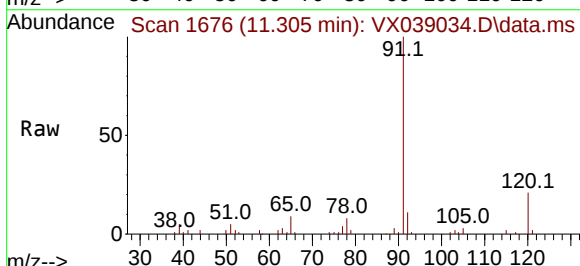
RT: 11.305 min Scan# 1676

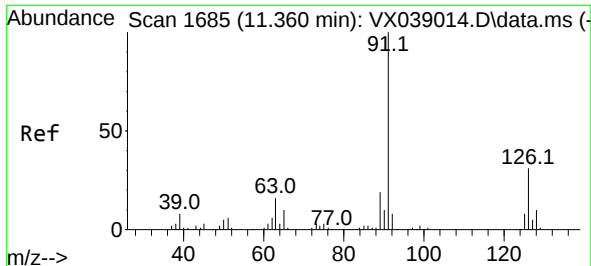
Delta R.T. -0.000 min

Lab File: VX039034.D

Acq: 27 Nov 2023 12:13

Tgt Ion:	91	Resp:	22862
Ion Ratio	Lower	Upper	
91	100		
120	21.2	0.0	43.4





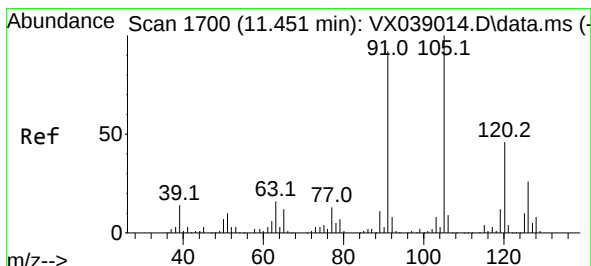
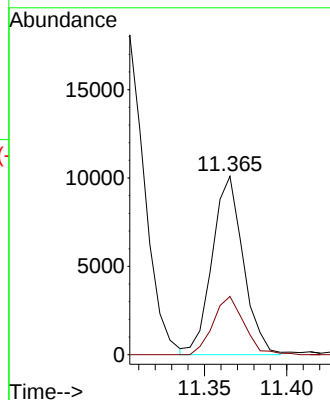
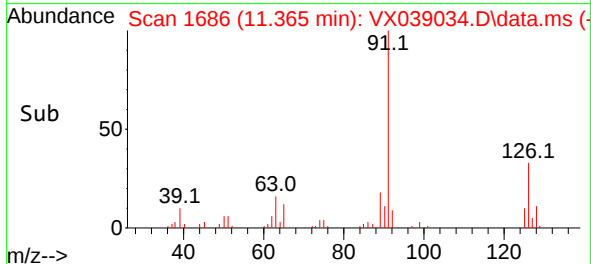
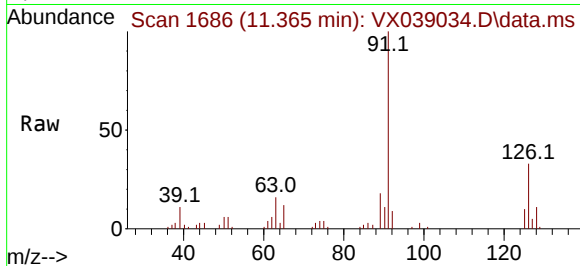
#75
2-Chlorotoluene
Concen: 2.653 ug/l
RT: 11.365 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VX039034.D
Acq: 27 Nov 2023 12:13

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

Tgt Ion: 91 Resp: 1328
Ion Ratio Lower Upper
91 100
126 32.5 0.0 64.2

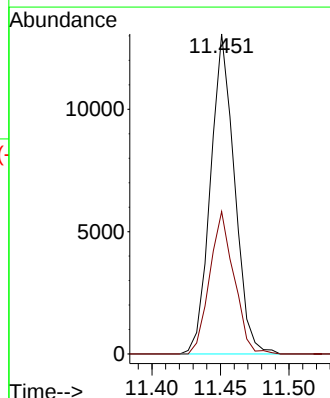
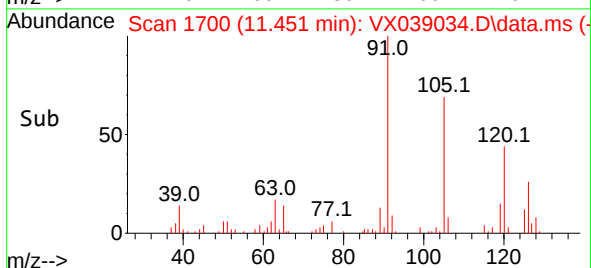
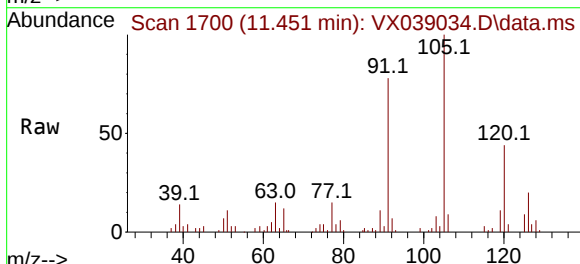
Manual Integrations
APPROVED

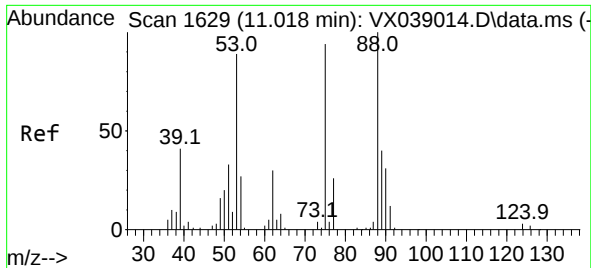
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#76
1,3,5-Trimethylbenzene
Concen: 2.662 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX039034.D
Acq: 27 Nov 2023 12:13

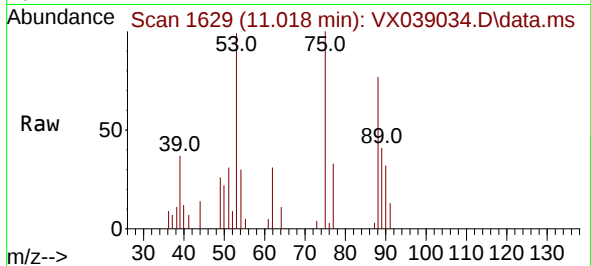
Tgt Ion:105 Resp: 15974
Ion Ratio Lower Upper
105 100
120 44.6 0.0 92.6





#77
t-1,4-Dichloro-2-butene
Concen: 2.285 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX039034.D
Acq: 27 Nov 2023 12:13

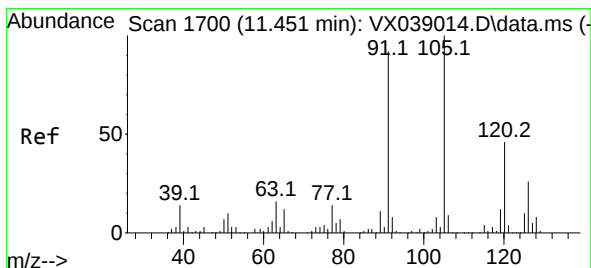
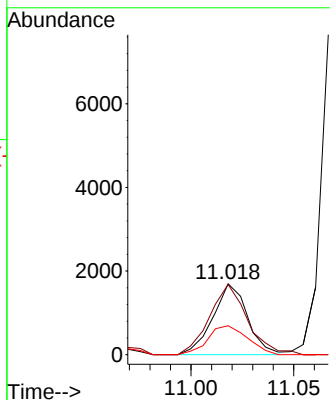
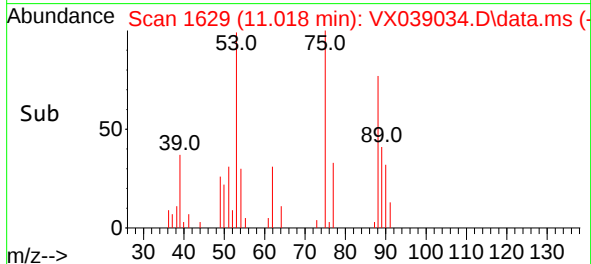
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2023



Tgt Ion: 75 Resp: 1992
Ion Ratio Lower Upper
75 100
53 98.9 46.9 140.8
89 40.9 21.3 63.7

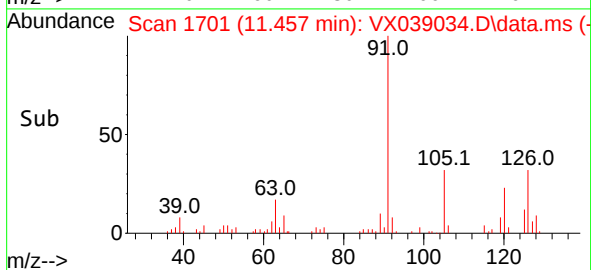
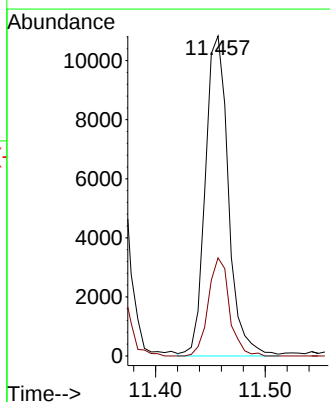
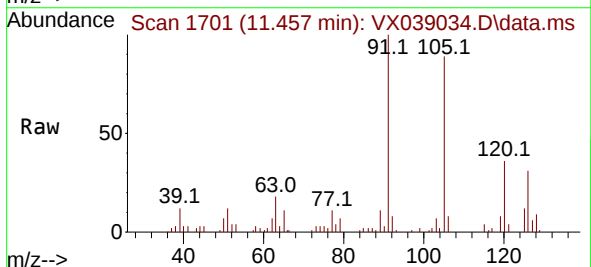
Manual Integrations
APPROVED

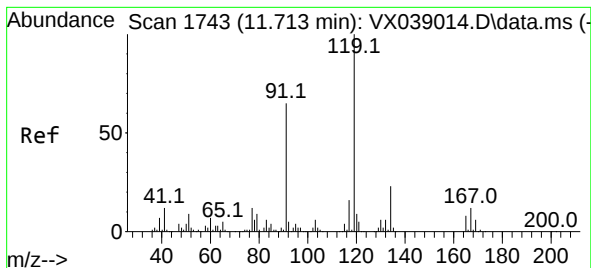
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#78
4-Chlorotoluene
Concen: 2.696 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX039034.D
Acq: 27 Nov 2023 12:13

Tgt Ion: 91 Resp: 15872
Ion Ratio Lower Upper
91 100
126 27.9 0.0 57.4





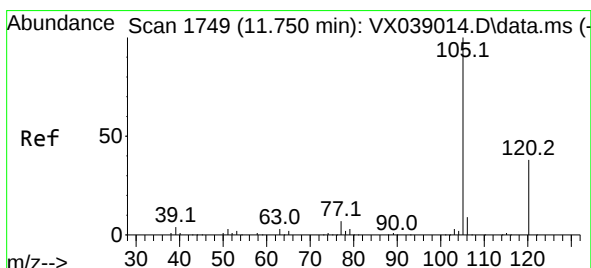
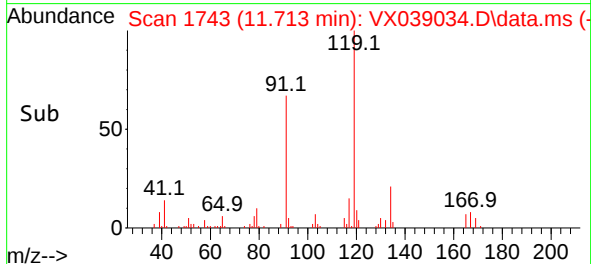
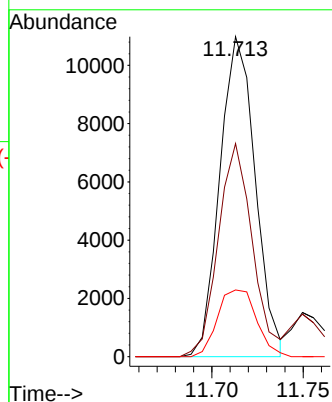
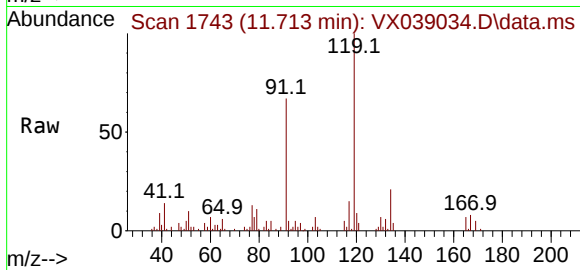
#79
tert-butylbenzene
Concen: 2.601 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX039034.D
Acq: 27 Nov 2023 12:13

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2023

Tgt Ion:119 Resp: 1484
Ion Ratio Lower Upper
119 100
91 64.3 0.0 125.6
134 23.0 0.0 43.8

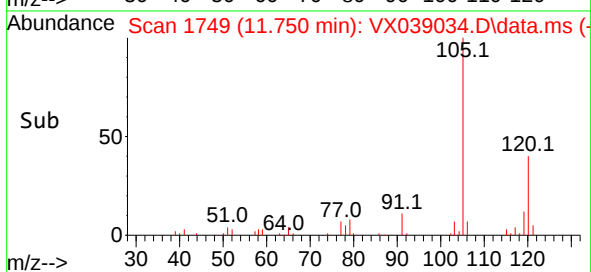
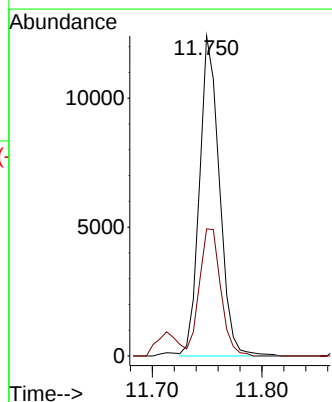
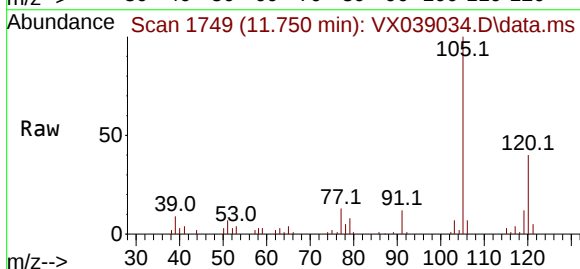
Manual Integrations
APPROVED

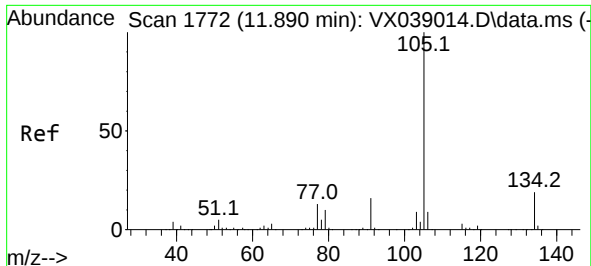
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#80
1,2,4-Trimethylbenzene
Concen: 2.617 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX039034.D
Acq: 27 Nov 2023 12:13

Tgt Ion:105 Resp: 15718
Ion Ratio Lower Upper
105 100
120 42.3 0.0 86.4





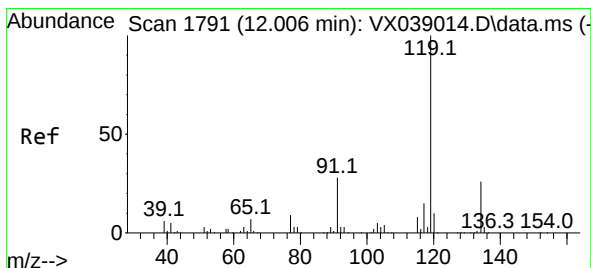
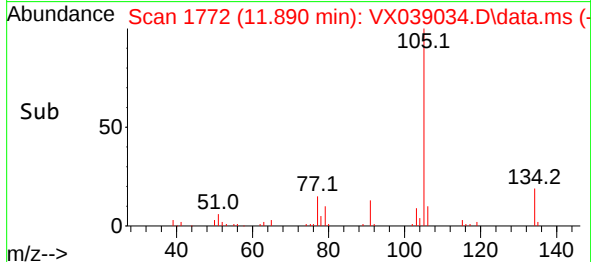
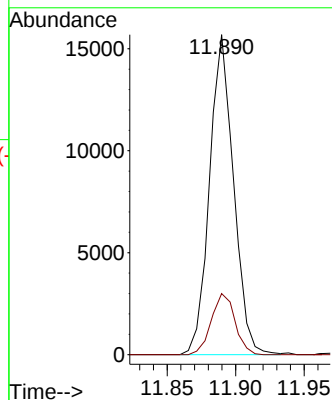
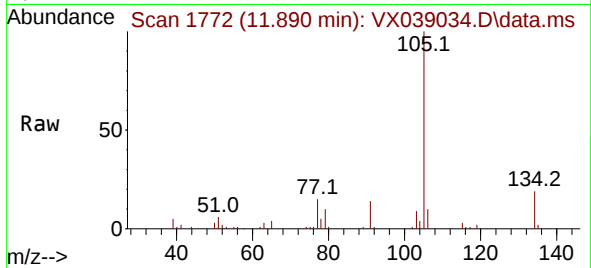
#81
 sec-Butylbenzene
 Concen: 2.649 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX039034.D
 Acq: 27 Nov 2023 12:13

Instrument : MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2023

Tgt Ion:105 Resp: 19110
 Ion Ratio Lower Upper
 105 100
 134 18.8 0.0 38.4

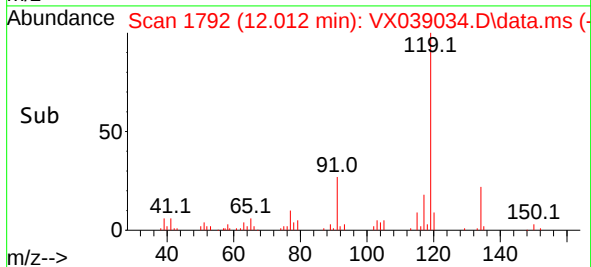
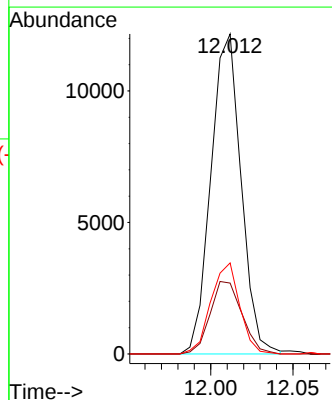
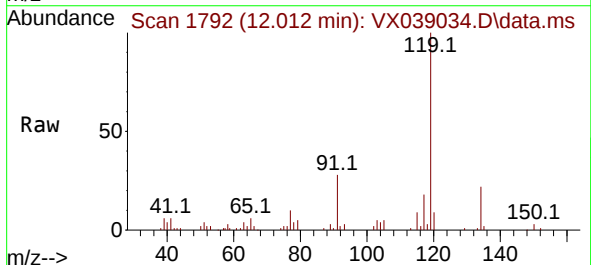
Manual Integrations
 APPROVED

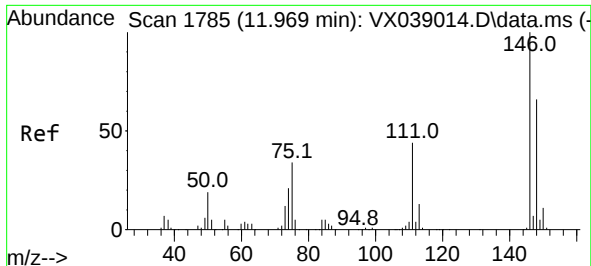
Reviewed By :John Carlone 11/28/2023
 Supervised By :Mahesh Dadoda 11/28/2023



#82
 p-Isopropyltoluene
 Concen: 2.545 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX039034.D
 Acq: 27 Nov 2023 12:13

Tgt Ion:119 Resp: 15557
 Ion Ratio Lower Upper
 119 100
 134 23.9 0.0 52.6
 91 27.1 0.0 54.2





#83

1,3-Dichlorobenzene

Concen: 2.555 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX039034.D

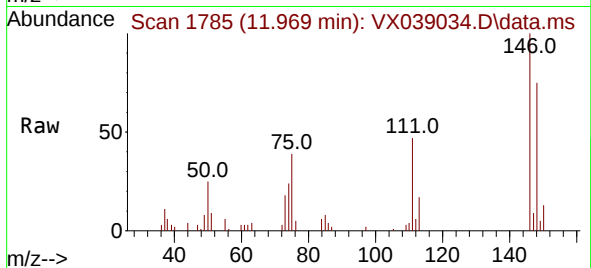
Acq: 27 Nov 2023 12:13

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023



Tgt Ion:146 Resp: 775

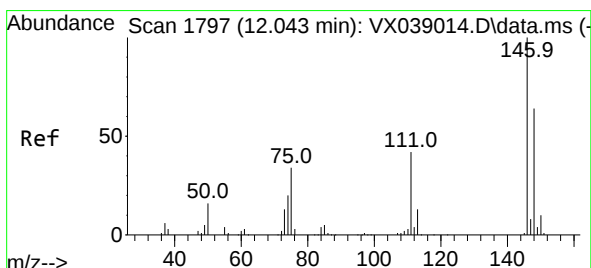
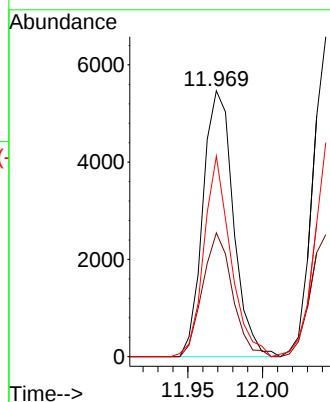
Ion	Ratio	Lower	Upper
146	100		
111	45.4	22.3	66.9
148	66.3	32.8	98.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/28/2023

Supervised By :Mahesh Dadoda 11/28/2023



#84

1,4-Dichlorobenzene

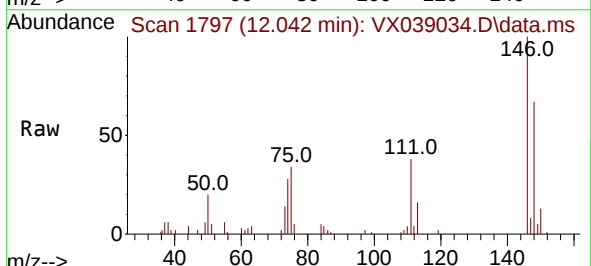
Concen: 2.658 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

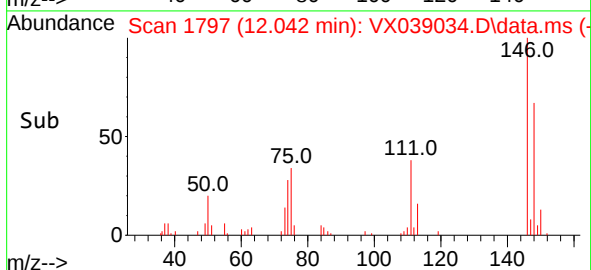
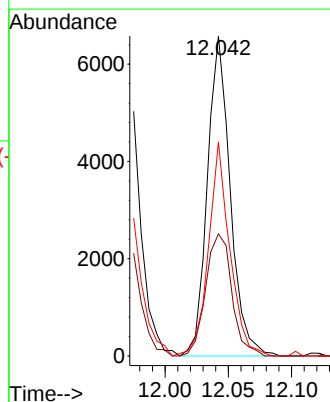
Lab File: VX039034.D

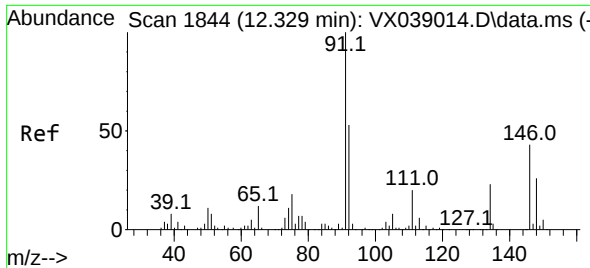
Acq: 27 Nov 2023 12:13



Tgt Ion:146 Resp: 8278

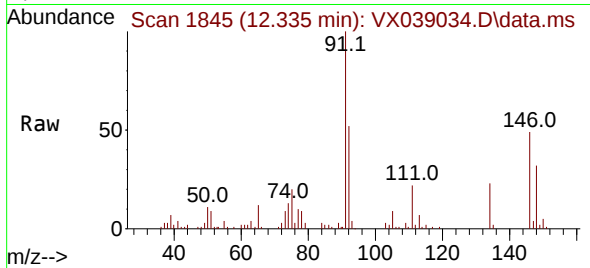
Ion	Ratio	Lower	Upper
146	100		
111	43.6	21.4	64.2
148	62.3	31.8	95.4





#85
n-Butylbenzene
Concen: 2.614 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX039034.D
Acq: 27 Nov 2023 12:13

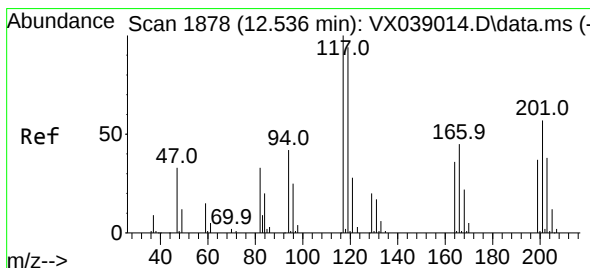
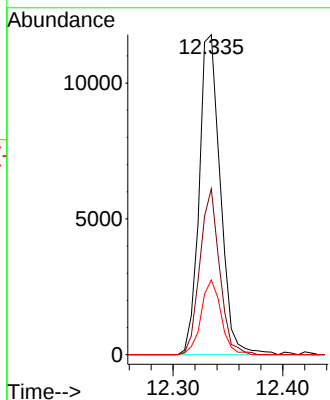
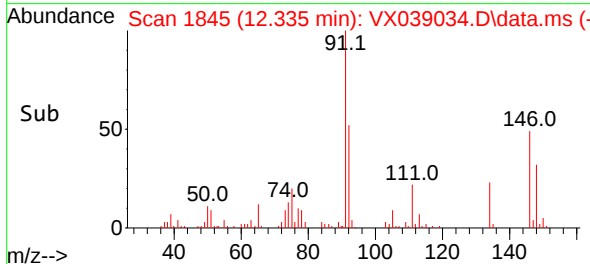
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023



Tgt Ion: 91 Resp: 1578
Ion Ratio Lower Upper
91 100
92 48.2 0.0 106.2
134 22.1 0.0 48.8

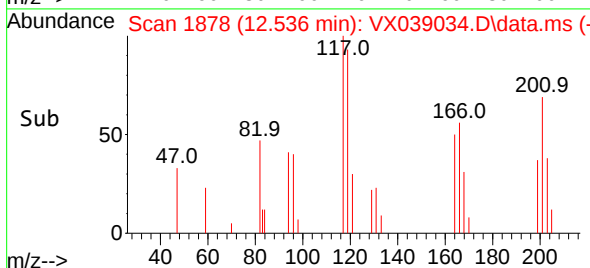
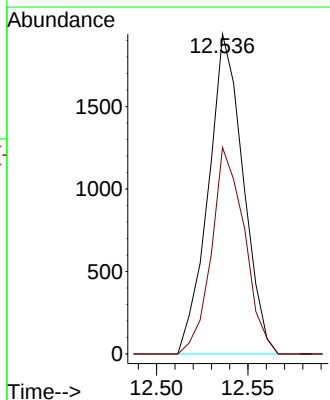
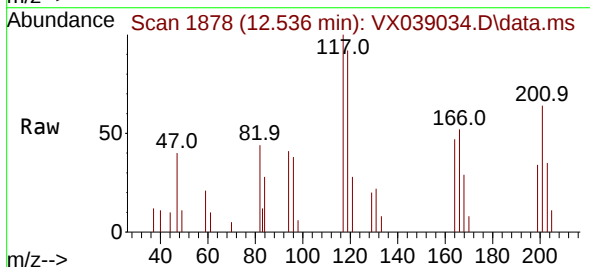
Manual Integrations
APPROVED

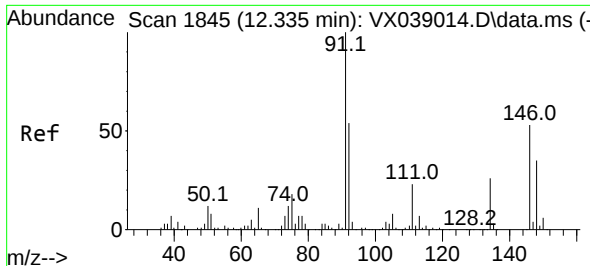
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#86
Hexachloroethane
Concen: 2.221 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX039034.D
Acq: 27 Nov 2023 12:13

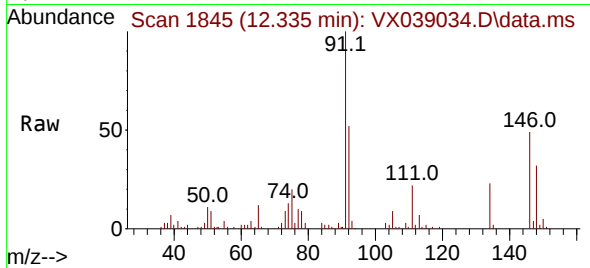
Tgt Ion:117 Resp: 2573
Ion Ratio Lower Upper
117 100
201 61.1 31.8 95.3





#87
1,2-Dichlorobenzene
Concen: 2.612 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX039034.D
Acq: 27 Nov 2023 12:13

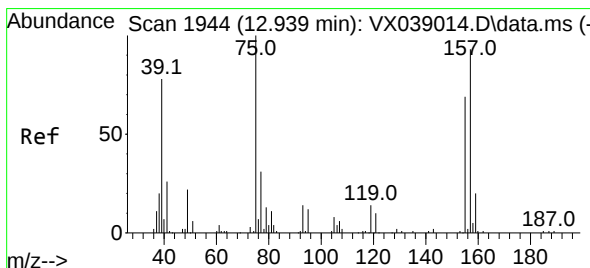
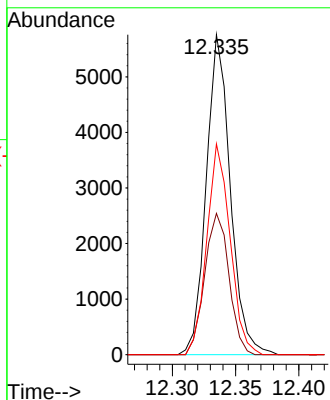
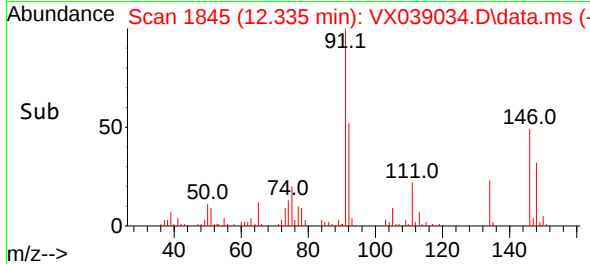
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2023



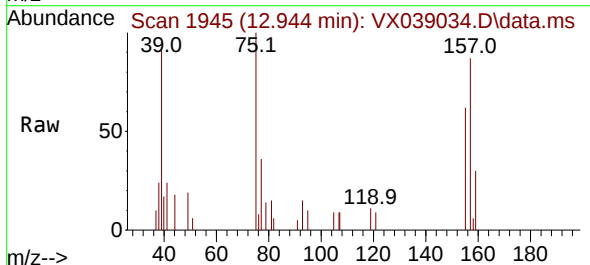
Tgt Ion:146 Resp: 762
Ion Ratio Lower Upper
146 100
111 44.5 22.4 67.2
148 64.0 31.9 95.7

Manual Integrations
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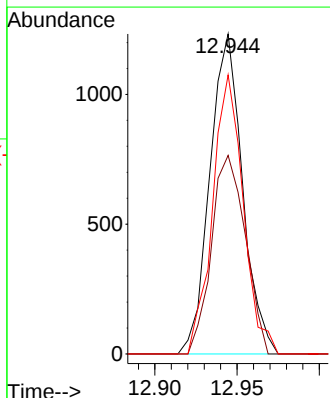
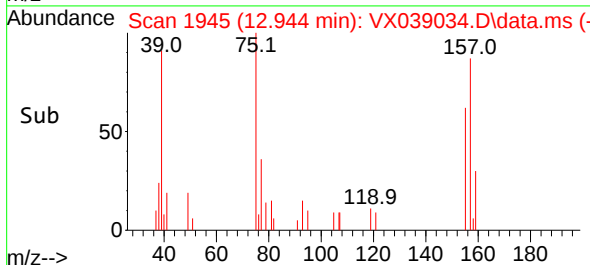
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023

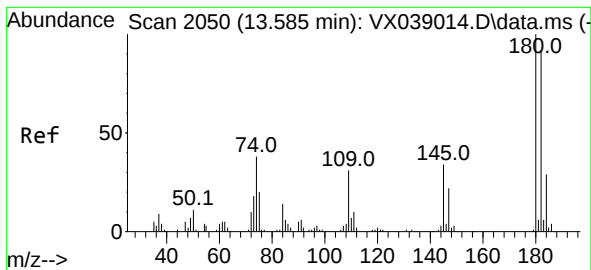


#88
1,2-Dibromo-3-Chloropropane
Concen: 2.558 ug/l
RT: 12.944 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX039034.D
Acq: 27 Nov 2023 12:13



Tgt Ion: 75 Resp: 1701
Ion Ratio Lower Upper
75 100
155 64.7 58.2 87.4
157 81.9 76.5 114.7





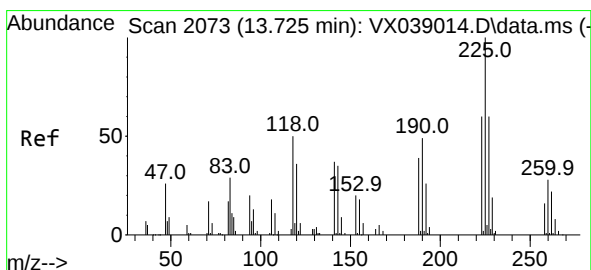
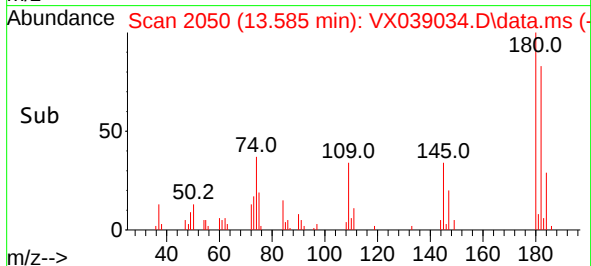
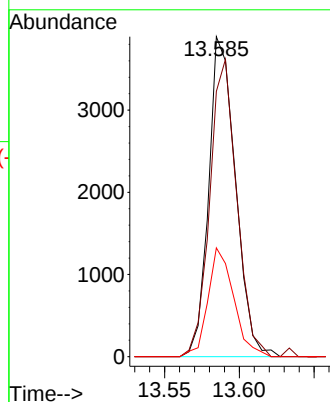
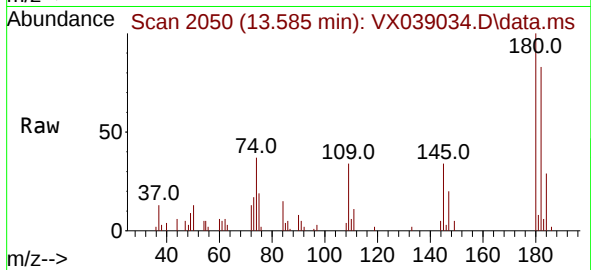
#89
1,2,4-Trichlorobenzene
Concen: 2.511 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX039034.D
Acq: 27 Nov 2023 12:13

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2023

Tgt Ion:180 Resp: 4858
Ion Ratio Lower Upper
180 100
182 93.5 74.5 111.7
145 32.7 26.6 40.0

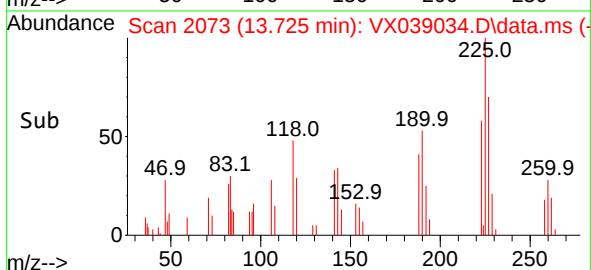
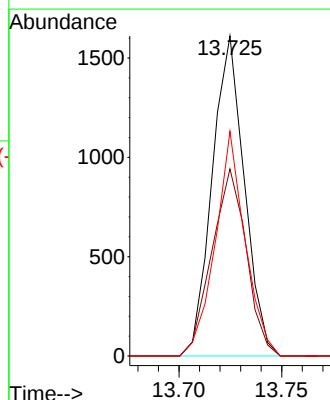
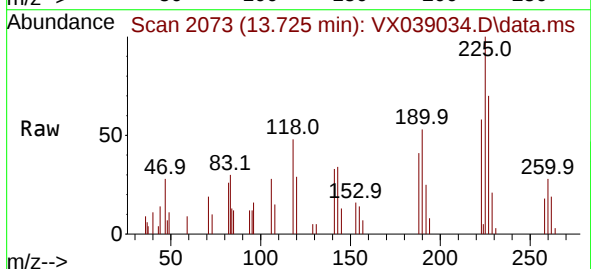
Manual Integrations
APPROVED

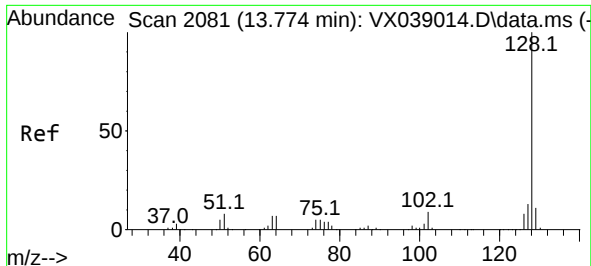
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#90
Hexachlorobutadiene
Concen: 2.543 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX039034.D
Acq: 27 Nov 2023 12:13

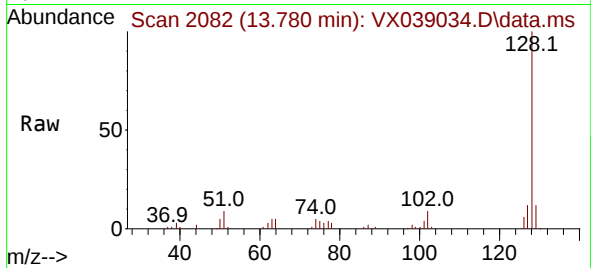
Tgt Ion:225 Resp: 1757
Ion Ratio Lower Upper
225 100
223 62.5 0.0 124.4
227 65.1 0.0 124.4





#91
Naphthalene
Concen: 2.431 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX039034.D
Acq: 27 Nov 2023 12:13

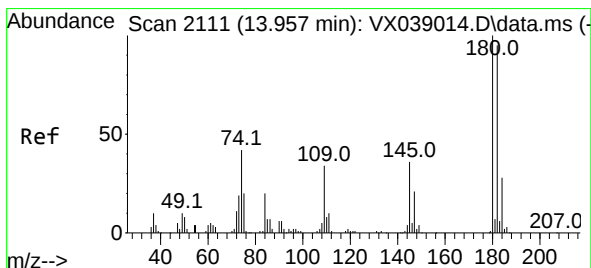
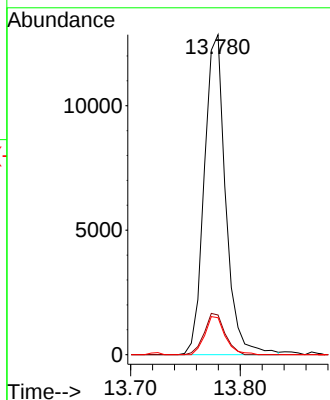
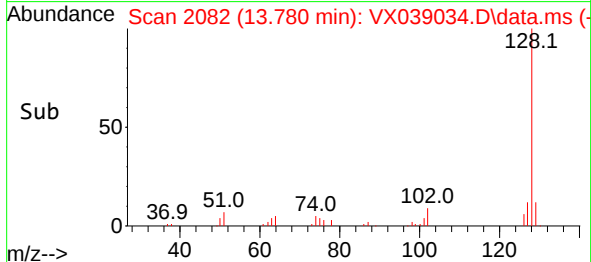
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2023



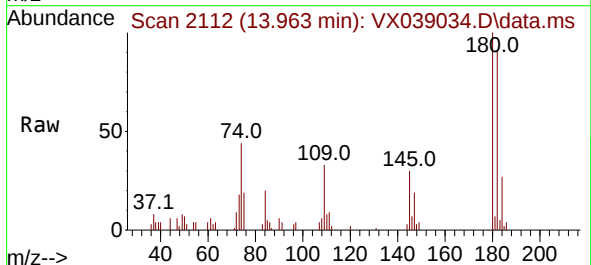
Tgt Ion:128 Resp: 17350
Ion Ratio Lower Upper
128 100
127 12.5 10.2 15.2
129 11.4 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#92
1,2,3-Trichlorobenzene
Concen: 2.509 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX039034.D
Acq: 27 Nov 2023 12:13



Tgt Ion:180 Resp: 4702
Ion Ratio Lower Upper
180 100
182 93.9 0.0 191.6
145 35.5 0.0 69.6

