

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112423\
 Data File : VX039026.D
 Acq On : 24 Nov 2023 15:55
 Operator : JC/MD
 Sample : 04699-07 2.5PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Nov 27 03:48:13 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 11/27/2023
 Supervised By : Mahesh Dadoda 11/27/2023

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

Internal Standards						
1) Bromochloromethane	4.897	128	9142	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	75404	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	92361	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	42055	33.626	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 112.100%#			
60) 4-Bromofluorobenzene	11.079	95	58955	29.224	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 97.400%			
63) Toluene-d8	8.646	98	112477	30.802	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 102.667%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	3547	2.592	ug/l	91
3) Chloromethane	1.294	50	4301	2.745	ug/l	96
4) Vinyl Chloride	1.373	62	4530	2.864	ug/l	89
5) Bromomethane	1.605	94	3272	3.382	ug/l	92
6) Chloroethane	1.690	64	2801	3.041	ug/l	98
7) Trichlorofluoromethane	1.886	101	6107	2.797	ug/l	94
8) Diethyl Ether	2.135	74	2414	2.881	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	3439	2.788	ug/l	98
10) 1,1-Dichloroethene	2.318	96	3539	2.846	ug/l	91
11) Methyl Iodide	2.452	142	3585	2.631	ug/l	89
12) Methyl Acetate	2.702	43	11583	2.987	ug/l	99
13) Acrolein	2.233	56	5299	15.596	ug/l	95
14) Acrylonitrile	3.062	53	13478	14.209	ug/l	99
15) Acetone	2.379	58	4726	13.706	ug/l	94
16) Carbon Disulfide	2.513	76	10705	2.842	ug/l	98
17) Allyl chloride	2.666	41	7428	3.009	ug/l	96
18) Methylene Chloride	2.788	84	4925	3.341	ug/l	93
19) trans-1,2-Dichloroethene	3.093	96	3845	2.734	ug/l	90
20) Diisopropyl ether	3.757	45	13290	2.829	ug/l #	84
21) 1,1-Dichloroethane	3.605	63	7542	2.888	ug/l	99
22) cis-1,2-Dichloroethene	4.501	96	4466m	2.740	ug/l	
23) tert-Butyl Alcohol	2.946	59	9688	18.449	ug/l #	100
24) Methyl tert-Butyl Ether	3.111	73	12798	2.794	ug/l	92
25) Chloroform	5.098	83	7369m	2.811	ug/l	
26) Cyclohexane	5.464	56	7195	3.044	ug/l #	91
29) 1,1-Dichloropropene	5.696	75	5815	2.751	ug/l	83
30) 2-Butanone	4.562	43	21532	13.530	ug/l	97
31) 2,2-Dichloropropane	4.476	77	5932	2.454	ug/l #	77
32) 1,1,1-Trichloroethane	5.391	97	6318	2.586	ug/l	94
33) Carbon Tetrachloride	5.671	117	4781	2.323	ug/l	91
34) Benzene	6.043	78	15735	2.555	ug/l #	88
35) Methacrylonitrile	4.922	41	3669m	2.603	ug/l	
36) 1,2-Dichloroethane	6.098	62	5948	2.633	ug/l	96
37) Trichloroethene	7.128	130	4045	2.588	ug/l	99
38) Methylcyclohexane	7.385	83	6609	2.509	ug/l	95
39) 1,2-Dichloropropane	7.433	63	4253	2.619	ug/l	99
40) Dibromomethane	7.580	93	2847	2.481	ug/l	98
41) Bromodichloromethane	7.823	83	5598	2.540	ug/l	93
42) Vinyl Acetate	3.727	43	48030	12.671	ug/l	99

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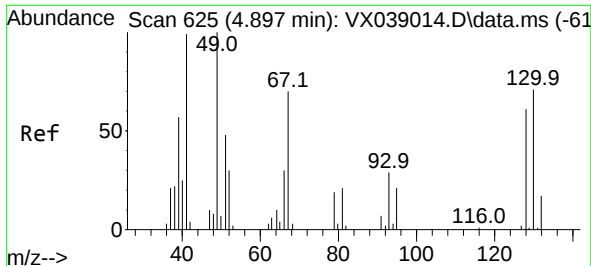
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.720	43	7630m	2.787	ug/l	
44) Isopropyl Acetate	6.342	43	10625	2.462	ug/l	100
45) 1,4-Dioxane	7.665	88	2367	53.720	ug/l	95
46) Methyl methacrylate	7.695	41	6049	2.451	ug/l	98
47) n-amyl Acetate	10.841	43	7700	2.108	ug/l	94
48) t-1,3-Dichloropropene	8.982	75	6038	2.362	ug/l	91
49) cis-1,3-Dichloropropene	8.372	75	6607	2.506	ug/l #	78
50) 1,1,2-Trichloroethane	9.152	97	3931	2.522	ug/l	91
51) Ethyl methacrylate	9.122	69	4746	2.432	ug/l	93
52) 1,3-Dichloropropane	9.311	76	6850	2.563	ug/l	100
53) Dibromochloromethane	9.518	129	3790	2.264	ug/l	99
54) 1,2-Dibromoethane	9.610	107	4139	2.421	ug/l	96
55) 2-Chloroethyl vinyl ether	8.244	63	15711	12.704	ug/l	99
56) Bromoform	10.799	173	2530	2.094	ug/l	100
58) 4-Methyl-2-Pentanone	8.573	43	38102	13.604	ug/l	98
59) 2-Hexanone	9.433	43	28936	12.586	ug/l	99
61) Tetrachloroethene	9.274	164	3164	2.635	ug/l	96
62) Toluene	8.720	91	17374	2.650	ug/l	99
64) Chlorobenzene	10.079	112	10670	2.675	ug/l	91
65) 1,1,1,2-Tetrachloroethane	10.158	131	3574	2.488	ug/l	99
66) Ethyl Benzene	10.195	91	18951	2.538	ug/l	100
67) m/p-Xylenes	10.299	106	14132	5.122	ug/l	98
68) o-Xylene	10.640	106	6862	2.567	ug/l	96
69) Styrene	10.658	104	9154	2.314	ug/l	93
70) Isopropylbenzene	10.963	105	18356	2.567	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.213	83	6715	2.515	ug/l	97
72) 1,2,3-Trichloropropane	11.237	75	6237m	2.761	ug/l	
73) Bromobenzene	11.201	156	4016	2.467	ug/l	99
74) n-propylbenzene	11.305	91	22685	2.589	ug/l	96
75) 2-Chlorotoluene	11.366	91	13175	2.563	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	14653	2.379	ug/l	97
77) t-1,4-Dichloro-2-butene	11.018	75	1664	1.859	ug/l	81
78) 4-Chlorotoluene	11.457	91	15270	2.527	ug/l	99
79) tert-butylbenzene	11.713	119	13970	2.385	ug/l	93
80) 1,2,4-Trimethylbenzene	11.756	105	14418	2.338	ug/l	100
81) sec-Butylbenzene	11.890	105	18115	2.446	ug/l	100
82) p-Isopropyltoluene	12.012	119	14762	2.352	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	7555	2.425	ug/l	97
84) 1,4-Dichlorobenzene	12.042	146	8183	2.560	ug/l	97
85) n-Butylbenzene	12.335	91	15126	2.440	ug/l	93
86) Hexachloroethane	12.536	117	2535	2.132	ug/l	91
87) 1,2-Dichlorobenzene	12.335	146	7379	2.463	ug/l	96
88) 1,2-Dibromo-3-Chloropr...	12.944	75	1656	2.426	ug/l	90
89) 1,2,4-Trichlorobenzene	13.591	180	4698	2.365	ug/l	96
90) Hexachlorobutadiene	13.719	225	1567	2.209	ug/l	97
91) Naphthalene	13.780	128	17472	2.385	ug/l	98
92) 1,2,3-Trichlorobenzene	13.963	180	4546	2.363	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

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Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

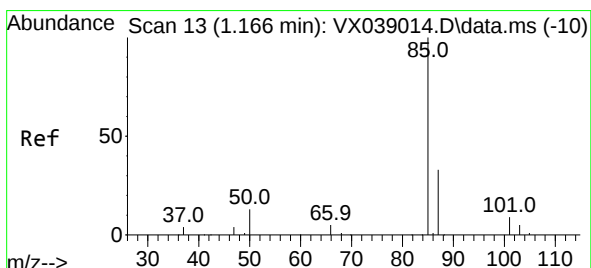
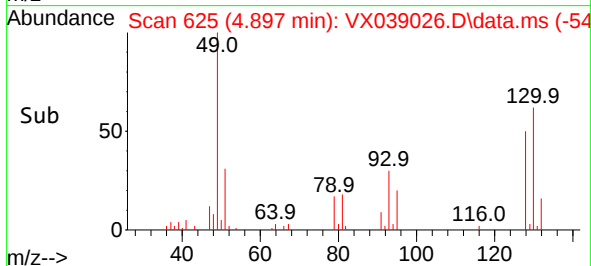
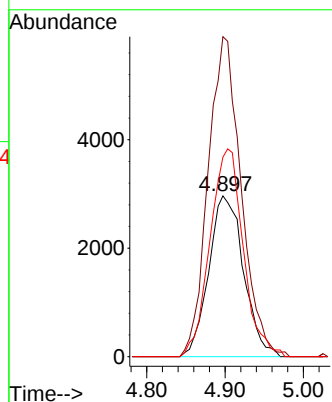
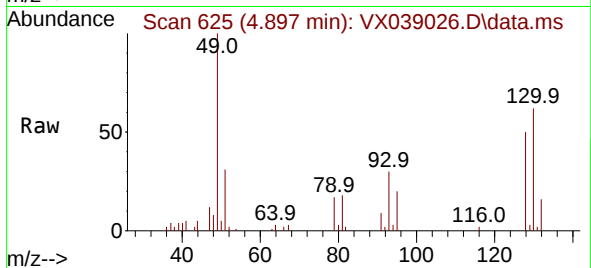
Tgt Ion:	128	Resp:	914
Ion	Ratio	Lower	Upper
128	100		
49	188.5	0.0	444.0
130	123.3	0.0	297.8

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 2.592 ug/l

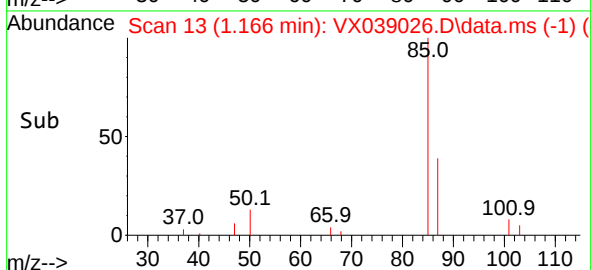
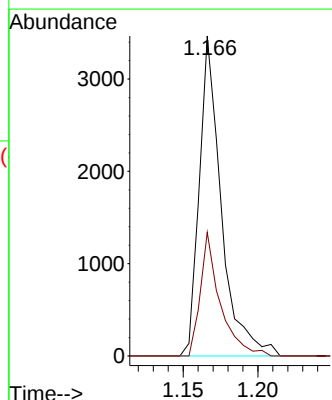
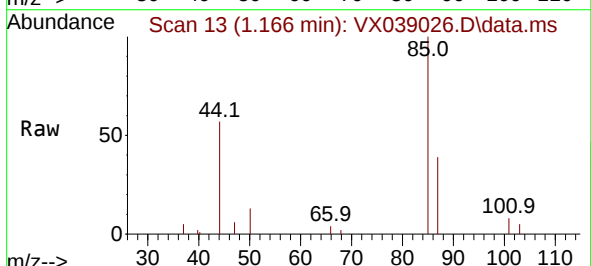
RT: 1.166 min Scan# 13

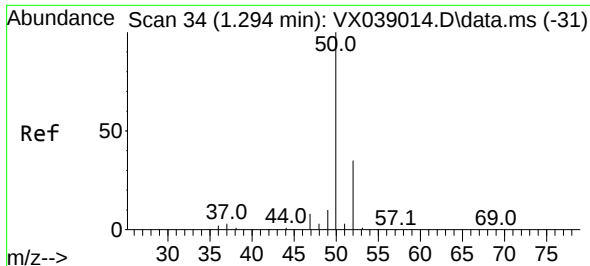
Delta R.T. -0.000 min

Lab File: VX039026.D

Acq: 24 Nov 2023 15:55

Tgt Ion:	85	Resp:	3547
Ion	Ratio	Lower	Upper
85	100		
87	38.7	16.7	50.1





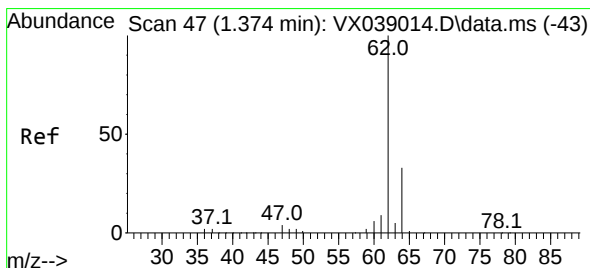
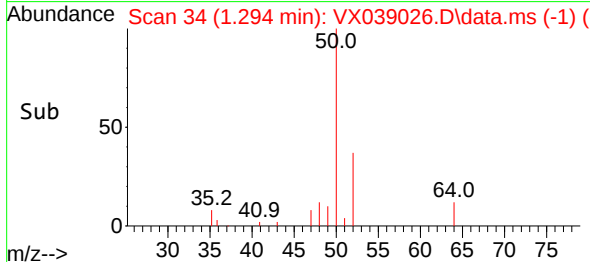
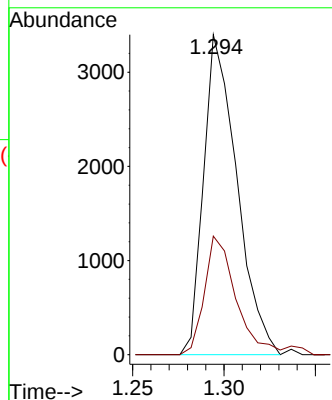
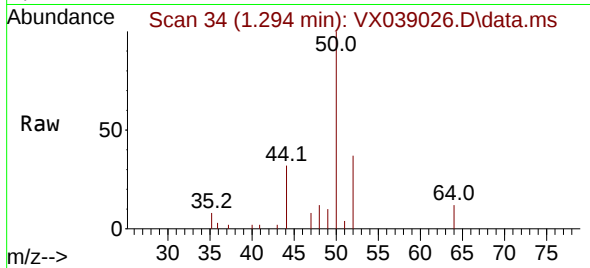
#3
Chloromethane
Concen: 2.745 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX039026.D
Acq: 24 Nov 2023 15:55

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

Tgt Ion: 50 Resp: 430
Ion Ratio Lower Upper
50 100
52 37.0 27.8 41.8

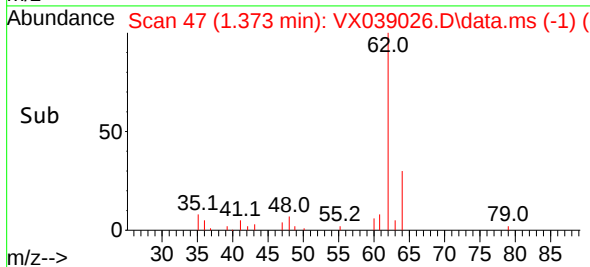
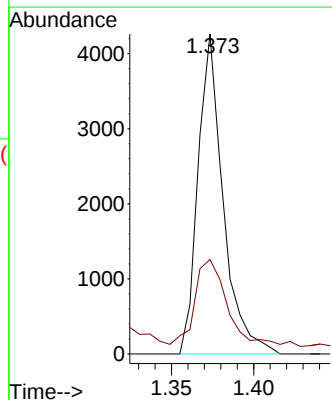
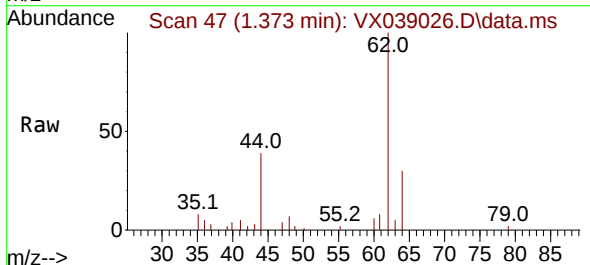
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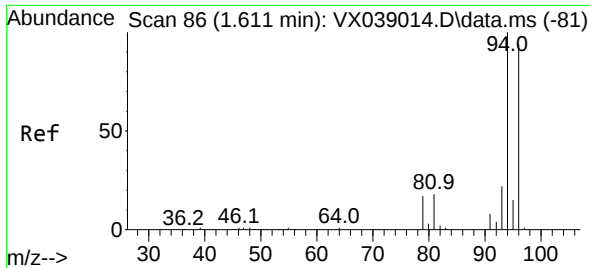
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#4
Vinyl Chloride
Concen: 2.864 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX039026.D
Acq: 24 Nov 2023 15:55

Tgt Ion: 62 Resp: 4530
Ion Ratio Lower Upper
62 100
64 26.5 26.3 39.5





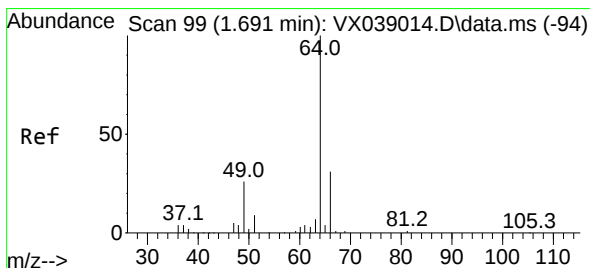
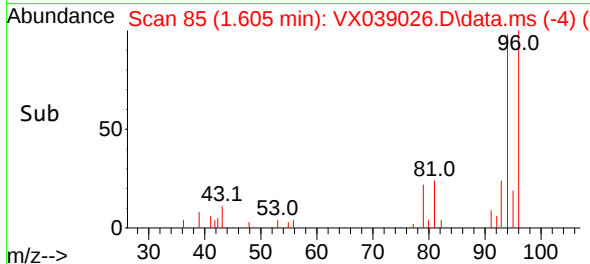
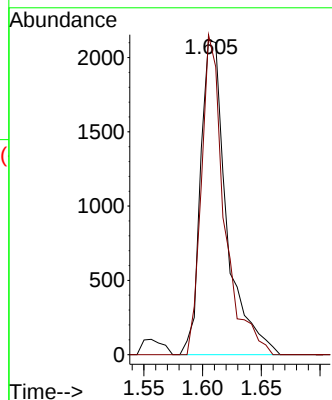
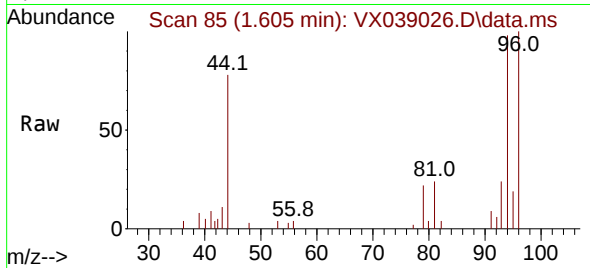
#5
Bromomethane
Concen: 3.382 ug/l
RT: 1.605 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX039026.D
Acq: 24 Nov 2023 15:55

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

Tgt Ion: 94 Resp: 3272
Ion Ratio Lower Upper
94 100
96 101.7 74.9 112.3

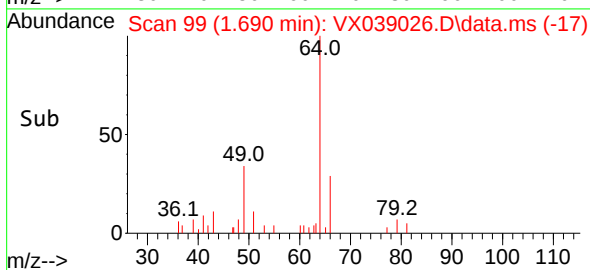
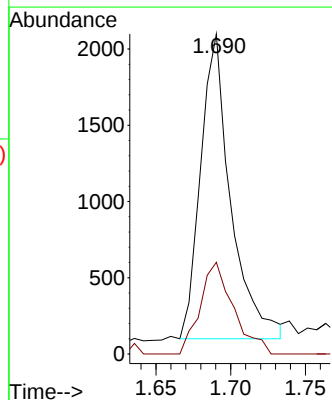
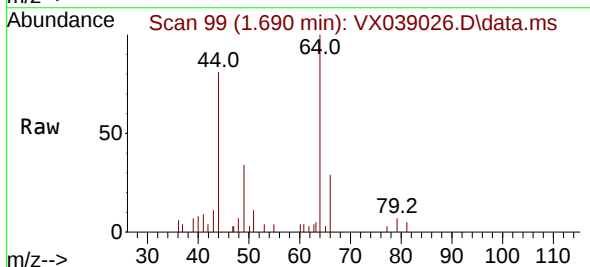
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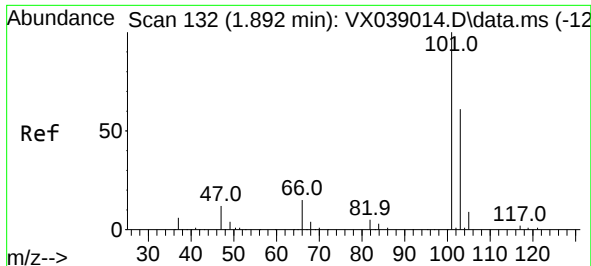
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#6
Chloroethane
Concen: 3.041 ug/l
RT: 1.690 min Scan# 99
Delta R.T. -0.000 min
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Acq: 24 Nov 2023 15:55

Tgt Ion: 64 Resp: 2801
Ion Ratio Lower Upper
64 100
66 30.1 25.0 37.6





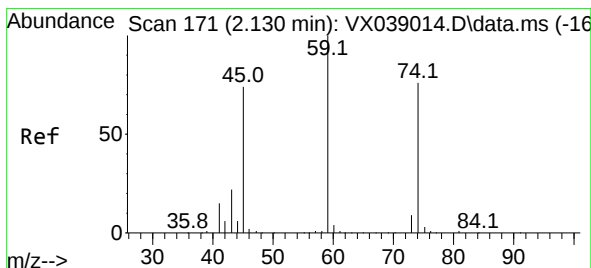
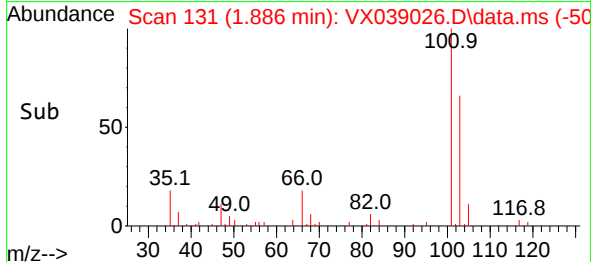
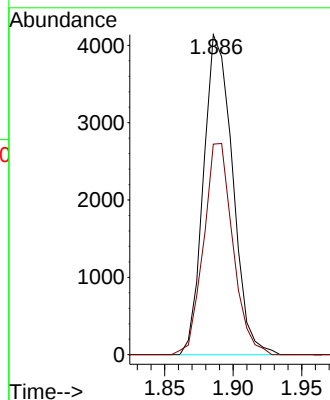
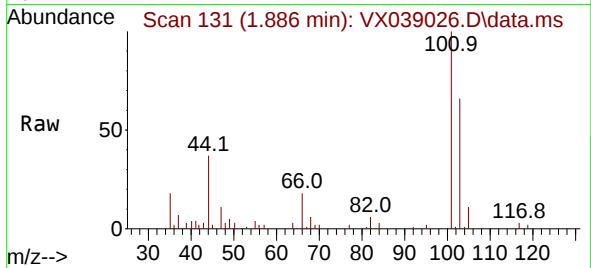
#7
Trichlorofluoromethane
Concen: 2.797 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX039026.D
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Tgt Ion:101 Resp: 610
Ion Ratio Lower Upper
101 100
103 65.8 49.1 73.7

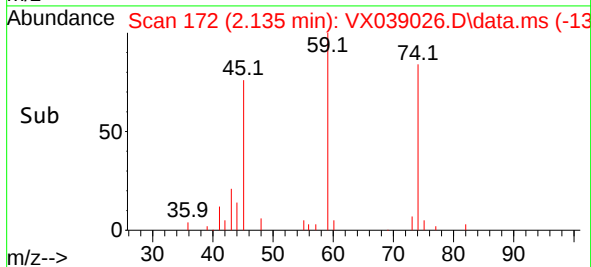
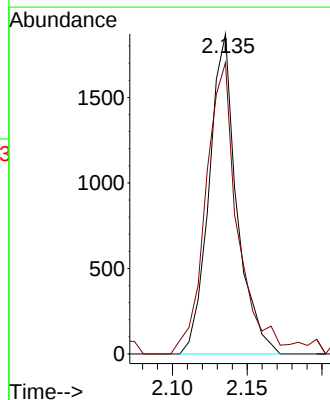
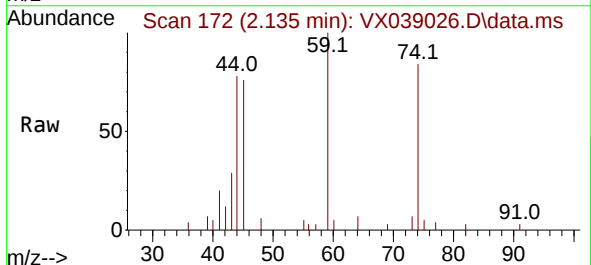
Manual Integrations
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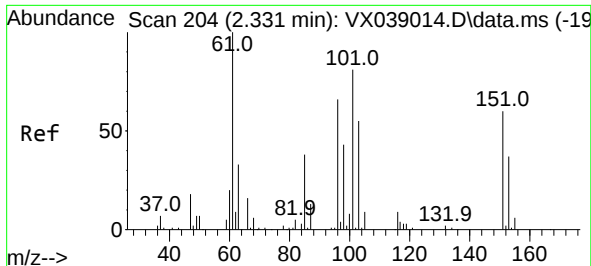
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#8
Diethyl Ether
Concen: 2.881 ug/l
RT: 2.135 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX039026.D
Acq: 24 Nov 2023 15:55

Tgt Ion: 74 Resp: 2414
Ion Ratio Lower Upper
74 100
45 103.9 20.5 184.5





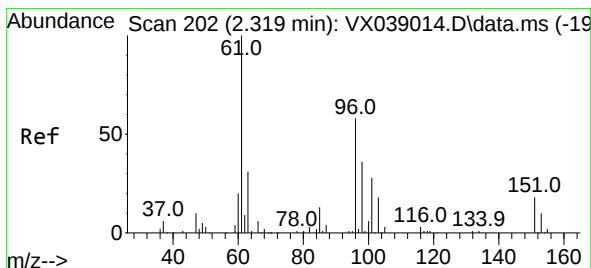
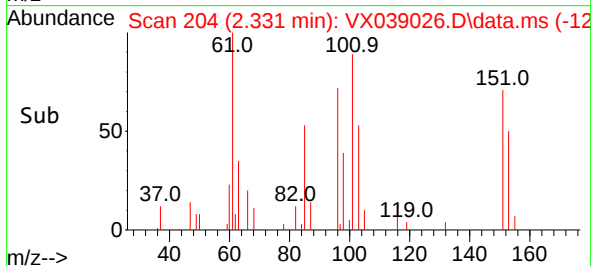
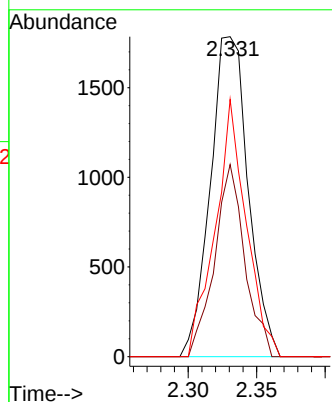
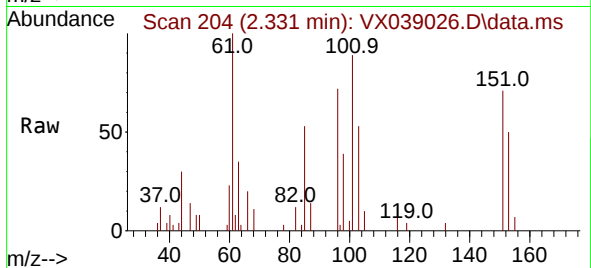
#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.788 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX039026.D
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Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

Tgt Ion:101 Resp: 3439
Ion Ratio Lower Upper
101 100
85 47.8 0.0 95.2
151 65.7 0.0 136.8

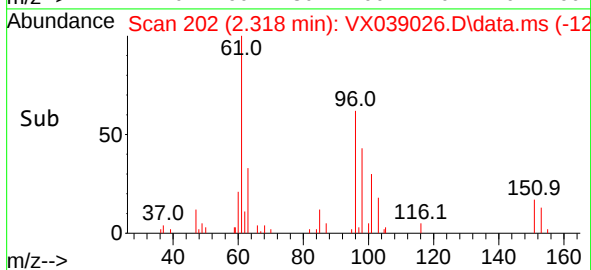
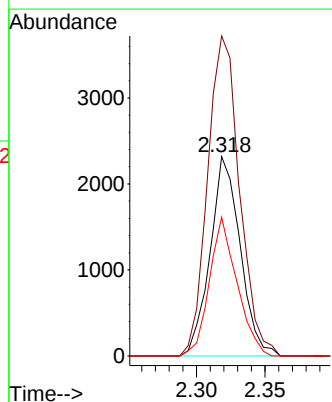
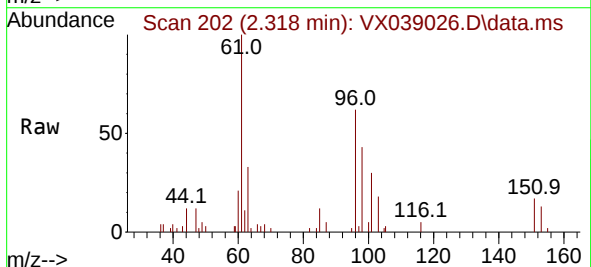
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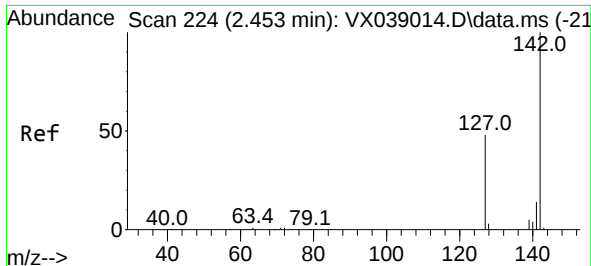
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#10
1,1-Dichloroethene
Concen: 2.846 ug/l
RT: 2.318 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX039026.D
Acq: 24 Nov 2023 15:55

Tgt Ion: 96 Resp: 3539
Ion Ratio Lower Upper
96 100
61 160.5 138.3 207.5
98 69.5 49.8 74.6





#11

Methyl Iodide

Concen: 2.631 ug/l

RT: 2.452 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX039026.D

Acq: 24 Nov 2023 15:55

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

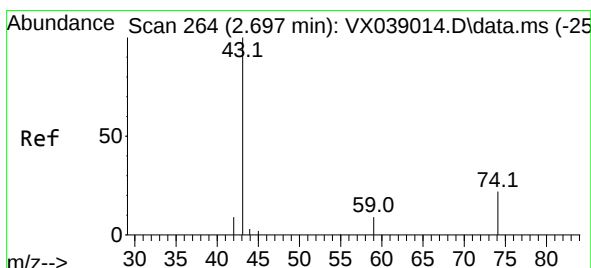
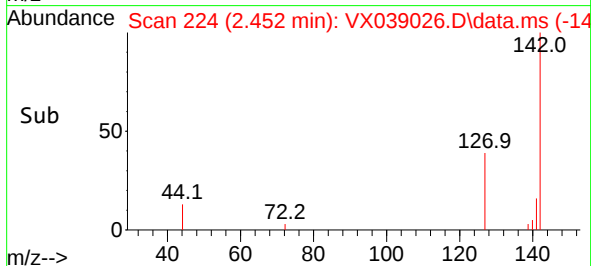
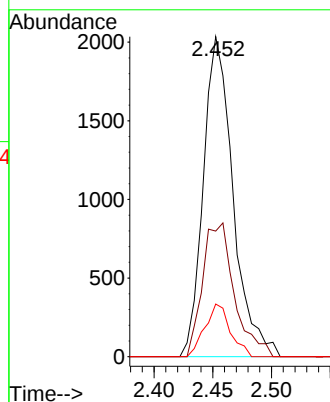
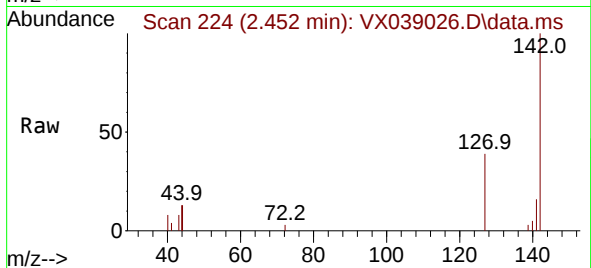
Tgt Ion:142	Resp:	358
Ion Ratio	Lower	Upper
142	100	
127	39.3	23.8 71.4
141	16.5	6.9 20.6

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Reviewed By :John Carlone 11/27/2023

Supervised By :Mahesh Dadoda 11/27/2023



#12

Methyl Acetate

Concen: 2.987 ug/l

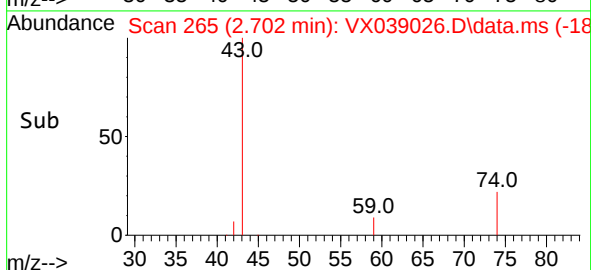
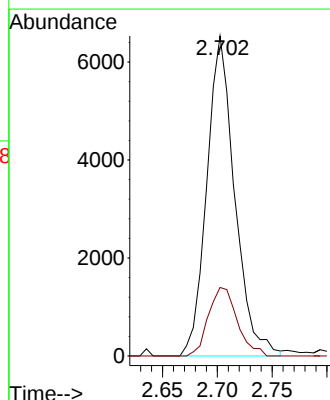
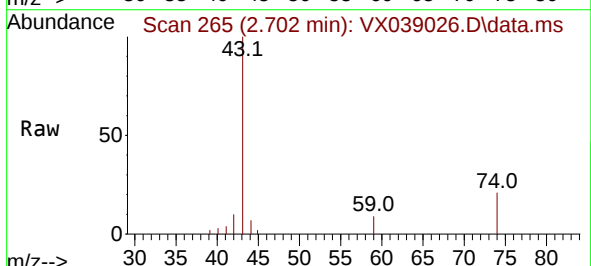
RT: 2.702 min Scan# 265

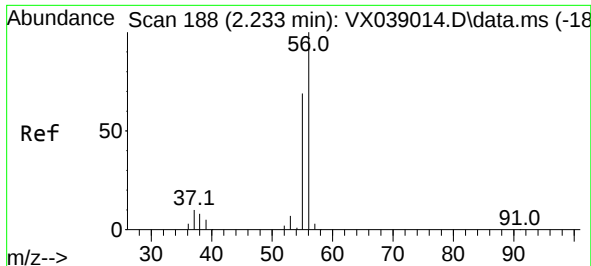
Delta R.T. 0.006 min

Lab File: VX039026.D

Acq: 24 Nov 2023 15:55

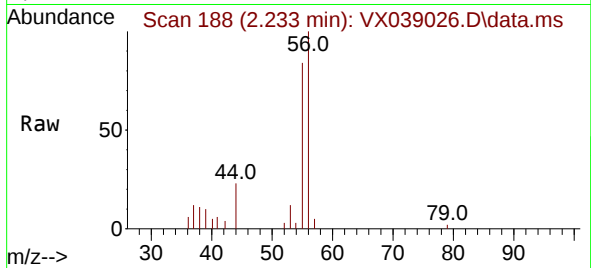
Tgt Ion: 43	Resp:	11583
Ion Ratio	Lower	Upper
43	100	
74	21.6	17.8 26.6





#13
Acrolein
Concen: 15.596 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX039026.D
Acq: 24 Nov 2023 15:55

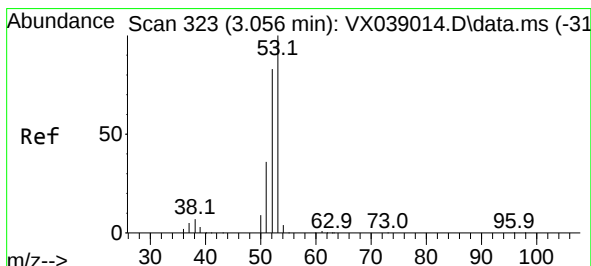
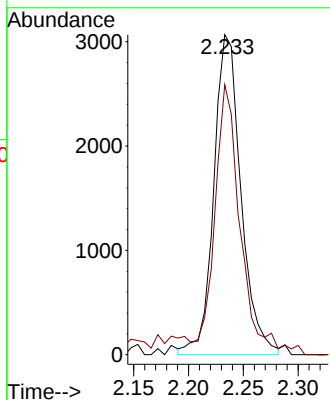
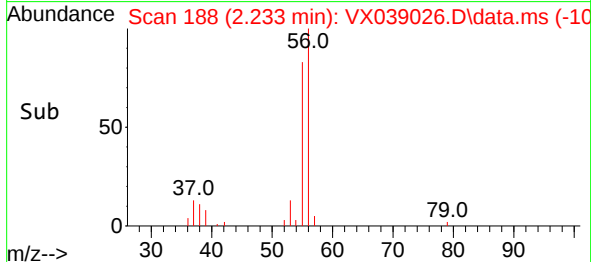
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023



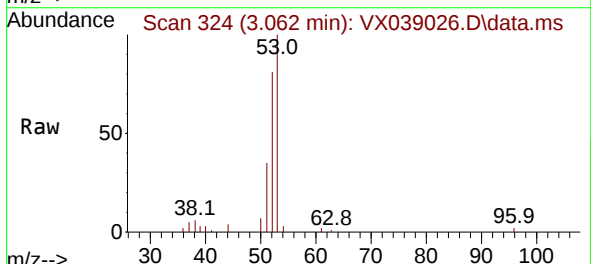
Tgt Ion: 56 Resp: 529
Ion Ratio Lower Upper
56 100
55 75.4 57.2 85.8

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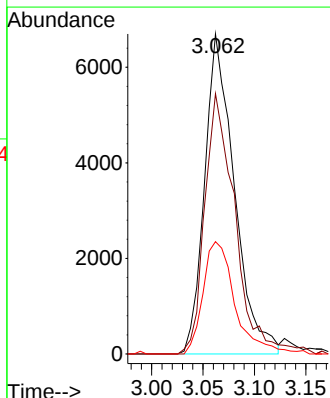
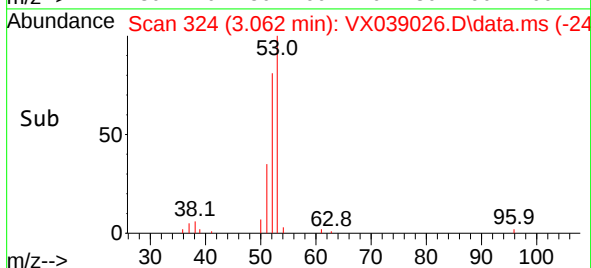
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023

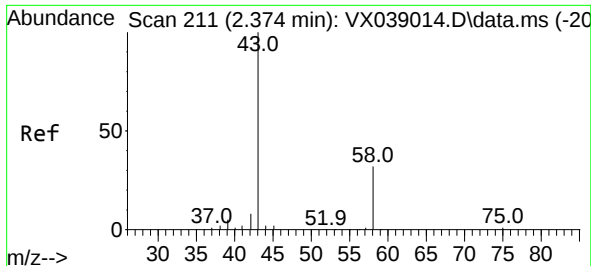


#14
Acrylonitrile
Concen: 14.209 ug/l
RT: 3.062 min Scan# 324
Delta R.T. 0.006 min
Lab File: VX039026.D
Acq: 24 Nov 2023 15:55



Tgt Ion: 53 Resp: 13478
Ion Ratio Lower Upper
53 100
52 82.6 41.9 125.6
51 37.8 18.3 54.9





#15

Acetone

Concen: 13.706 ug/l

RT: 2.379 min Scan# 211

Delta R.T. 0.006 min

Lab File: VX039026.D

Acq: 24 Nov 2023 15:55

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

Tgt Ion: 58 Resp: 4720

Ion Ratio Lower Upper

58 100

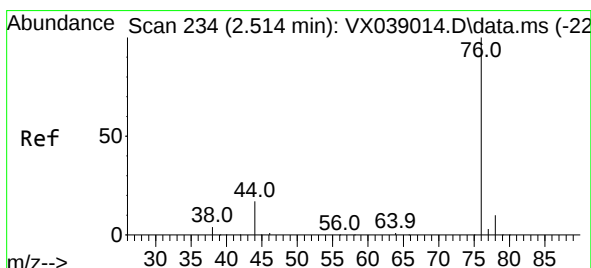
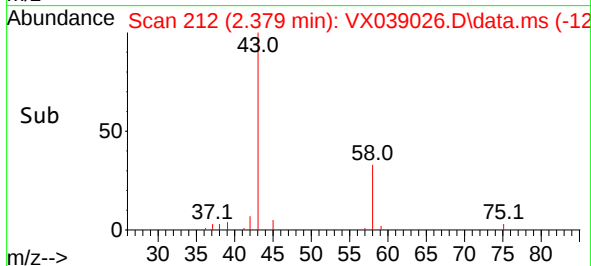
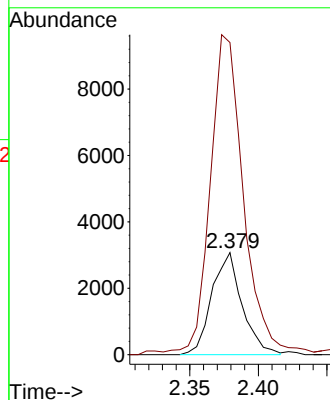
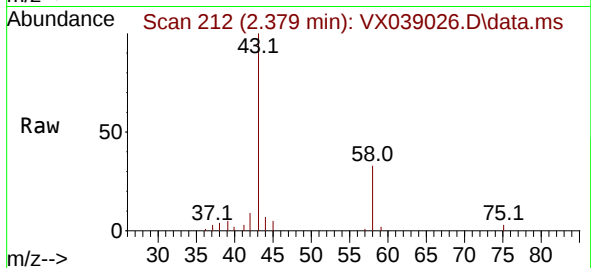
43 301.1 249.9 374.9

Manual Integrations

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Reviewed By :John Carlone 11/27/2023

Supervised By :Mahesh Dadoda 11/27/2023



#16

Carbon Disulfide

Concen: 2.842 ug/l

RT: 2.513 min Scan# 234

Delta R.T. -0.000 min

Lab File: VX039026.D

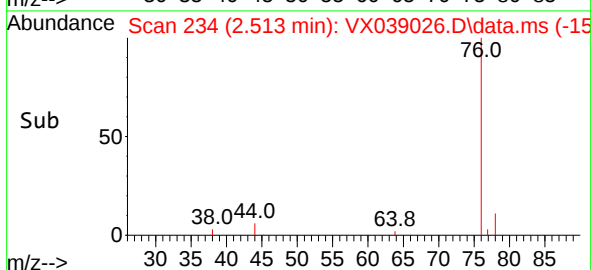
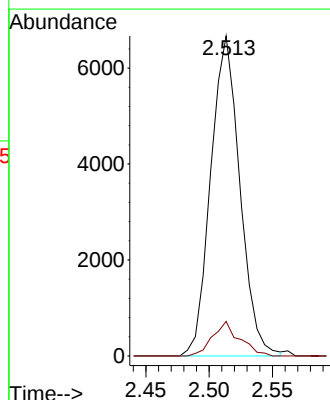
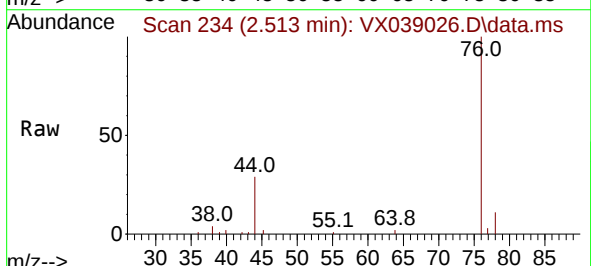
Acq: 24 Nov 2023 15:55

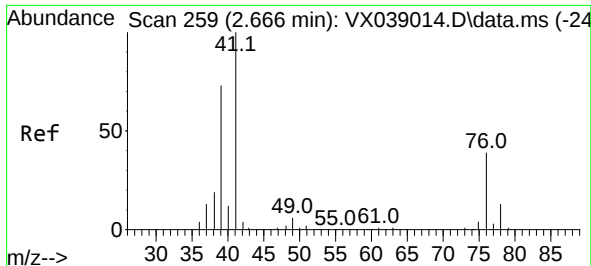
Tgt Ion: 76 Resp: 10705

Ion Ratio Lower Upper

76 100

78 10.8 8.0 12.0





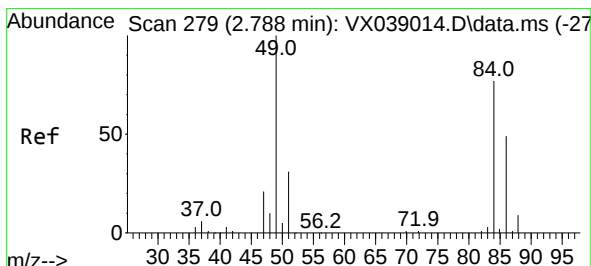
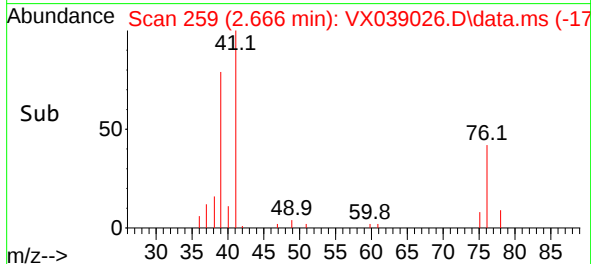
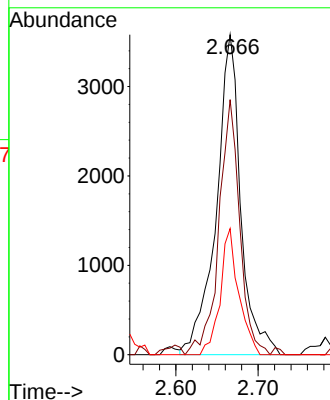
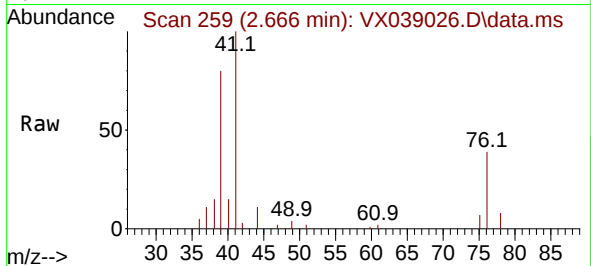
#17
 Allyl chloride
 Concen: 3.009 ug/l
 RT: 2.666 min Scan# 259
 Delta R.T. -0.000 min
 Lab File: VX039026.D
 Acq: 24 Nov 2023 15:55

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

Tgt Ion: 41 Resp: 7428
 Ion Ratio Lower Upper
 41 100
 39 78.0 36.5 109.5
 76 39.4 19.7 59.0

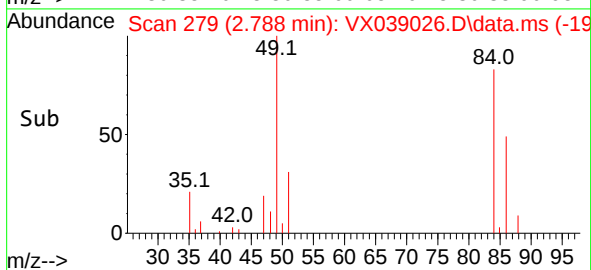
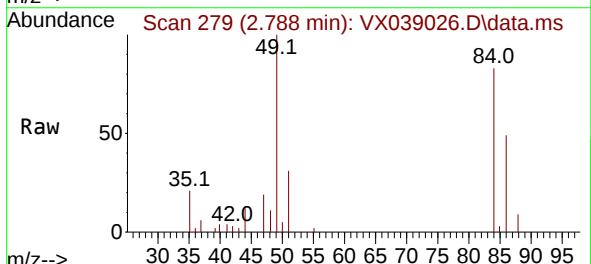
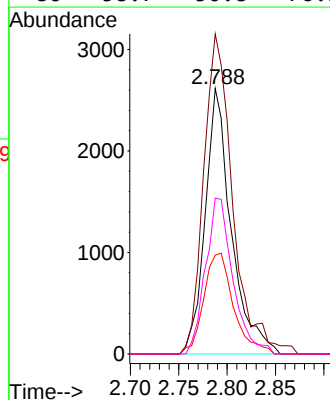
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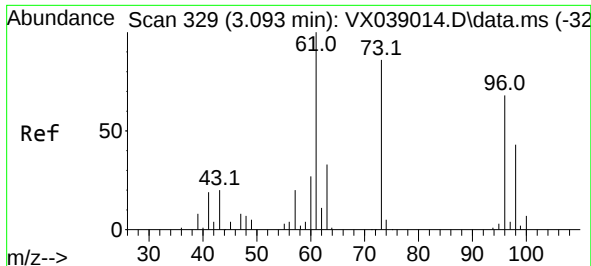
Reviewed By :John Carlone 11/27/2023
 Supervised By :Mahesh Dadoda 11/27/2023



#18
 Methylene Chloride
 Concen: 3.341 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. -0.000 min
 Lab File: VX039026.D
 Acq: 24 Nov 2023 15:55

Tgt Ion: 84 Resp: 4925
 Ion Ratio Lower Upper
 84 100
 49 120.6 103.8 155.8
 51 37.2 31.8 47.6
 86 58.7 50.8 76.2





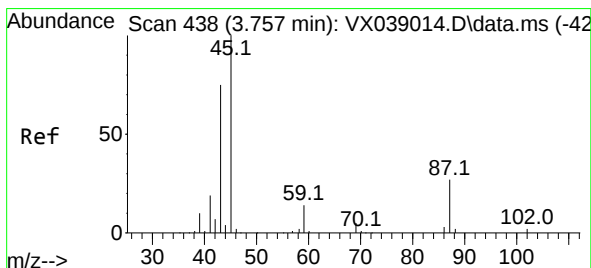
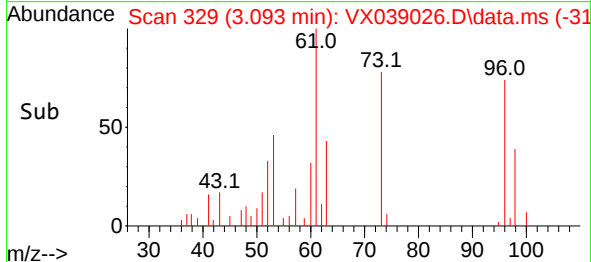
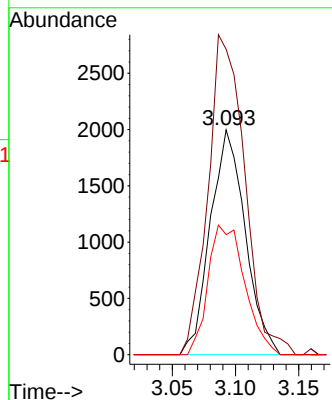
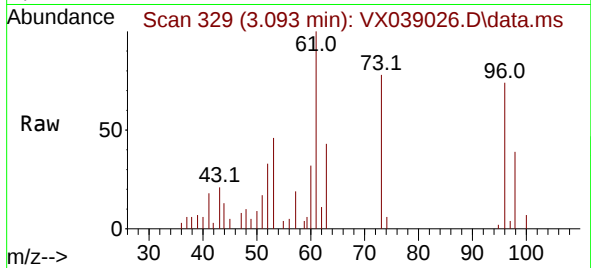
#19
trans-1,2-Dichloroethene
Concen: 2.734 ug/l
RT: 3.093 min Scan# 319
Delta R.T. -0.000 min
Lab File: VX039026.D
Acq: 24 Nov 2023 15:55

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

Tgt Ion: 96 Resp: 384
Ion Ratio Lower Upper
96 100
61 135.9 117.9 176.9
98 53.4 51.0 76.6

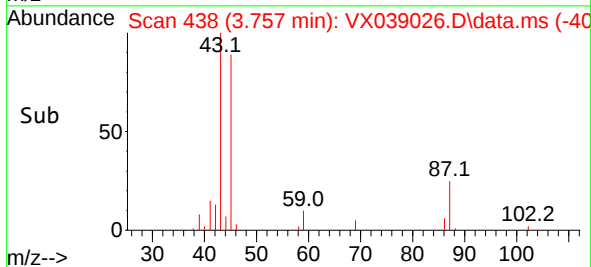
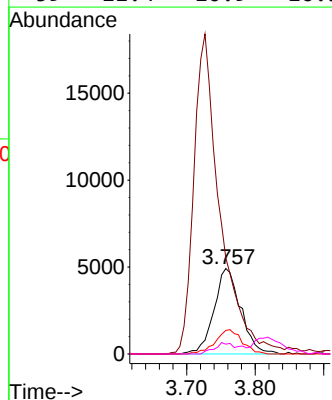
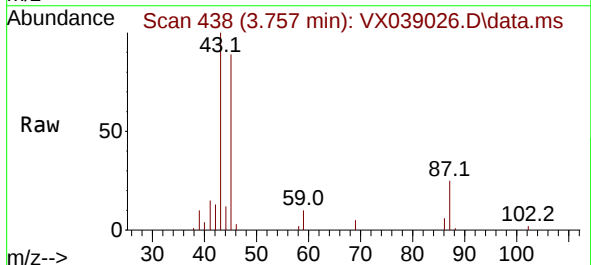
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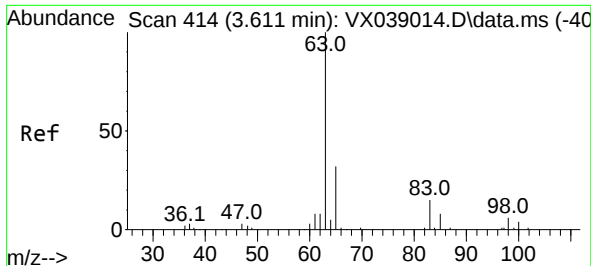
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#20
Diisopropyl ether
Concen: 2.829 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX039026.D
Acq: 24 Nov 2023 15:55

Tgt Ion: 45 Resp: 13290
Ion Ratio Lower Upper
45 100
43 104.8 67.7 101.5#
87 27.6 21.5 32.3
59 11.4 10.9 16.3





#21

1,1-Dichloroethane

Concen: 2.888 ug/l

RT: 3.605 min Scan# 41

Delta R.T. -0.006 min

Lab File: VX039026.D

Acq: 24 Nov 2023 15:55

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

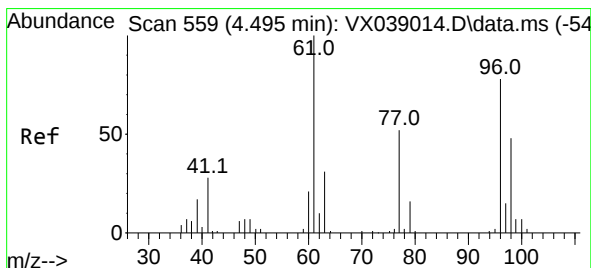
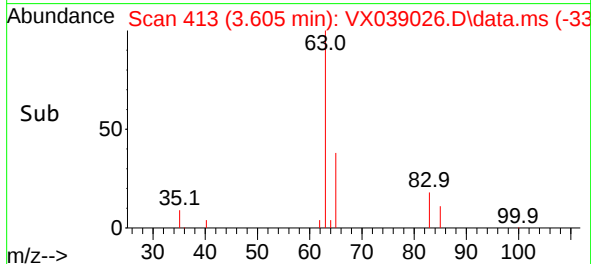
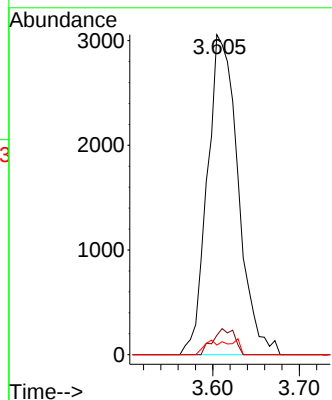
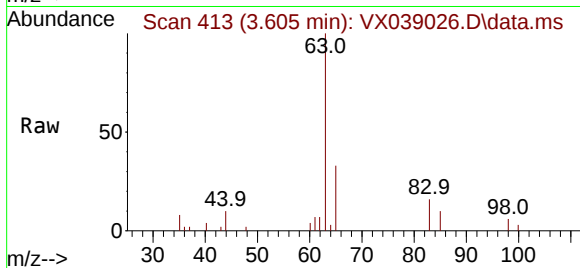
Tgt Ion: 63	Resp: 754
Ion Ratio	Lower Upper
63 100	
98 6.1	2.9 8.8
100 3.0	2.0 5.8

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Reviewed By :John Carlone 11/27/2023

Supervised By :Mahesh Dadoda 11/27/2023



#22

cis-1,2-Dichloroethene

Concen: 2.740 ug/l m

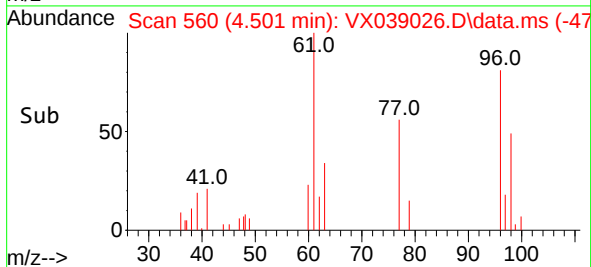
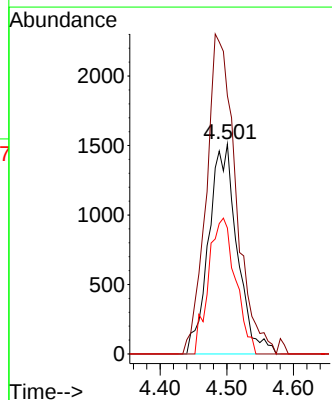
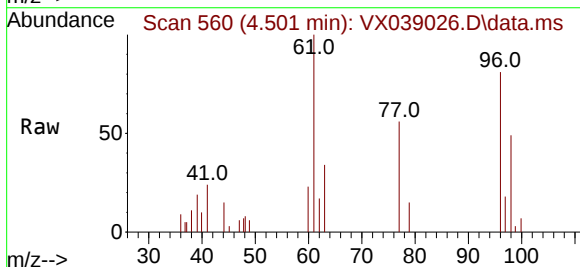
RT: 4.501 min Scan# 560

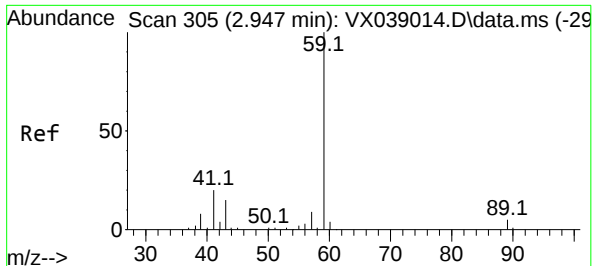
Delta R.T. 0.006 min

Lab File: VX039026.D

Acq: 24 Nov 2023 15:55

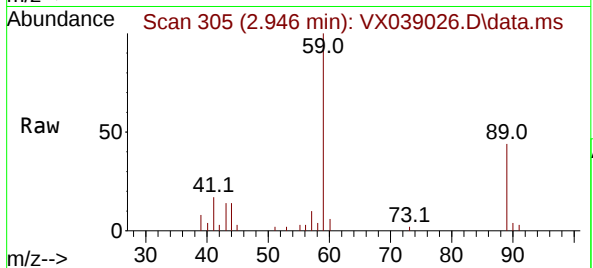
Tgt Ion: 96	Resp: 4466
Ion Ratio	Lower Upper
96 100	
61 158.4	119.8 179.6
98 61.4	50.9 76.3





#23
tert-Butyl Alcohol
Concen: 18.449 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.000 min
Lab File: VX039026.D
Acq: 24 Nov 2023 15:55

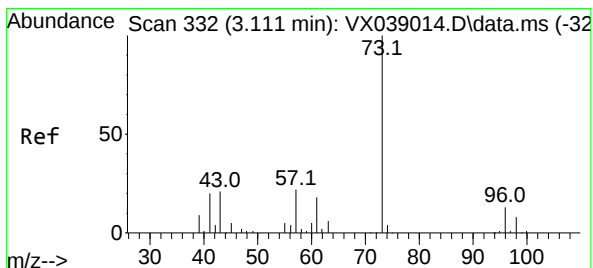
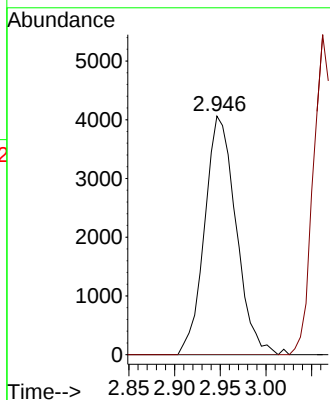
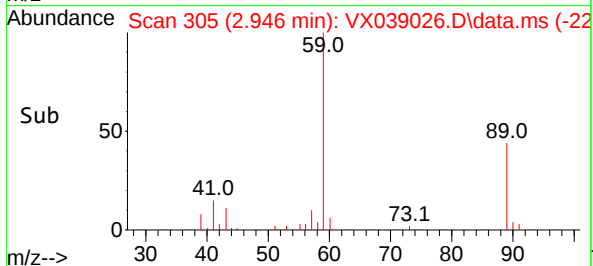
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023



Tgt Ion: 59 Resp: 9688
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

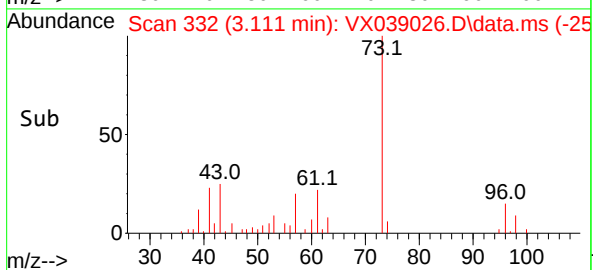
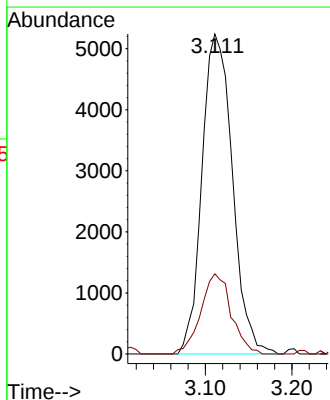
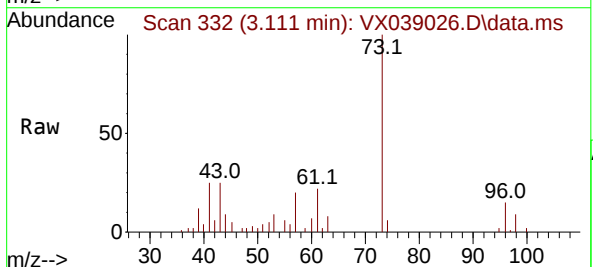
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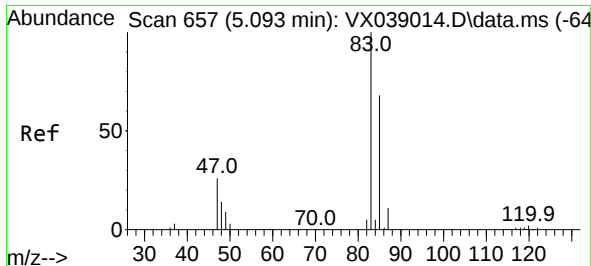
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#24
Methyl tert-Butyl Ether
Concen: 2.794 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX039026.D
Acq: 24 Nov 2023 15:55

Tgt Ion: 73 Resp: 12798
Ion Ratio Lower Upper
73 100
43 25.1 17.0 25.6





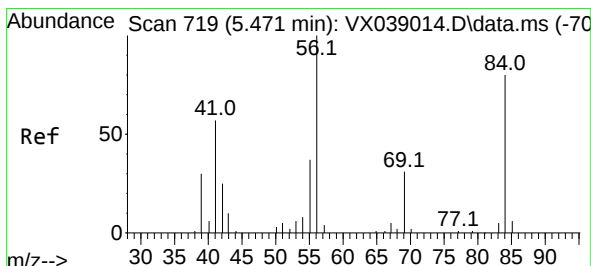
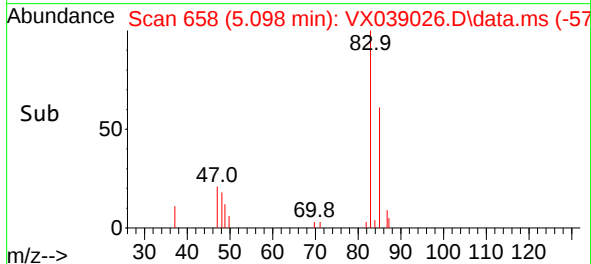
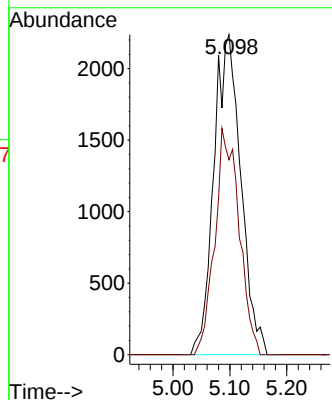
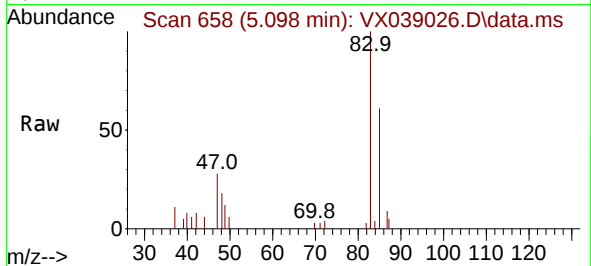
#25
Chloroform
Concen: 2.811 ug/l m
RT: 5.098 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX039026.D
Acq: 24 Nov 2023 15:55

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

Tgt Ion: 83 Resp: 7369
Ion Ratio Lower Upper
83 100
85 60.9 54.6 81.8

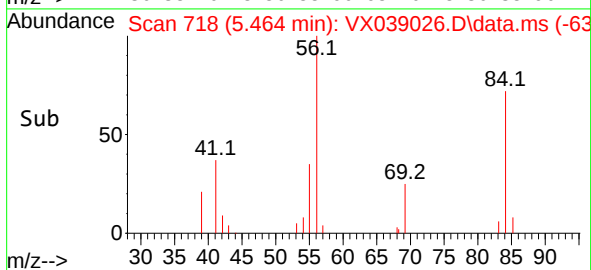
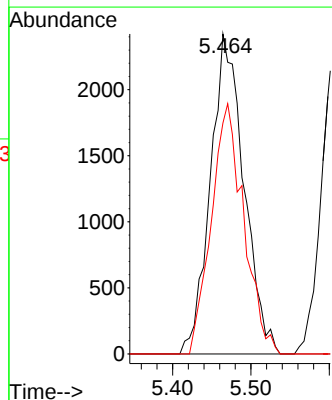
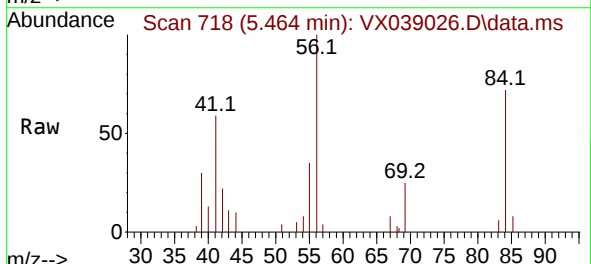
Manual Integrations
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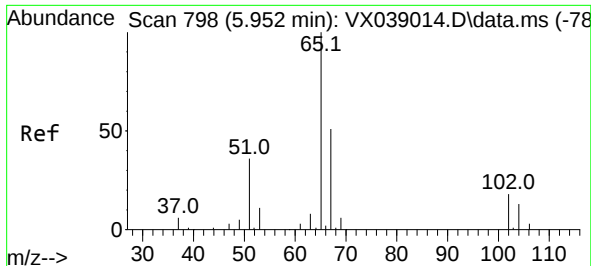
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#26
Cyclohexane
Concen: 3.044 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX039026.D
Acq: 24 Nov 2023 15:55

Tgt Ion: 56 Resp: 7195
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 75.7 67.2 100.8





#27

1,2-Dichloroethane-d4

Concen: 33.626 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX039026.D

Acq: 24 Nov 2023 15:55

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

Tgt Ion: 65 Resp: 4205

Ion Ratio Lower Upper

65 100

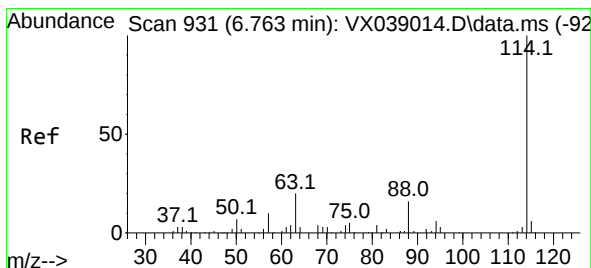
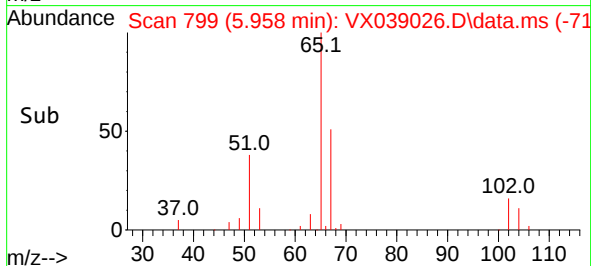
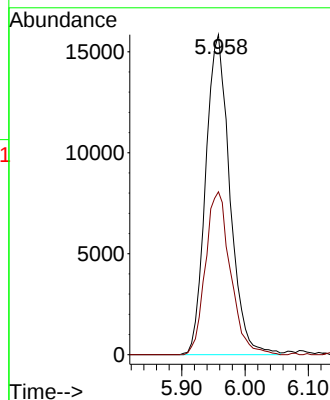
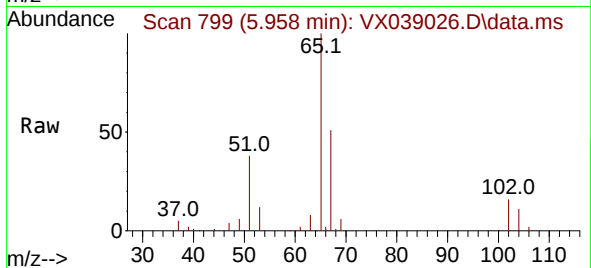
67 52.9 42.5 63.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/27/2023

Supervised By :Mahesh Dadoda 11/27/2023



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX039026.D

Acq: 24 Nov 2023 15:55

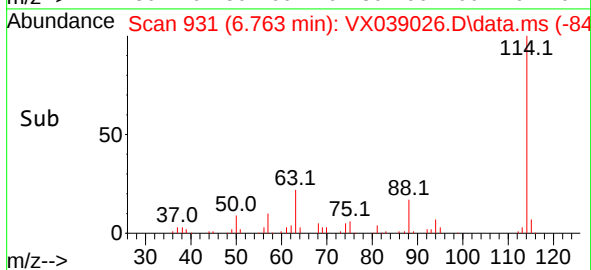
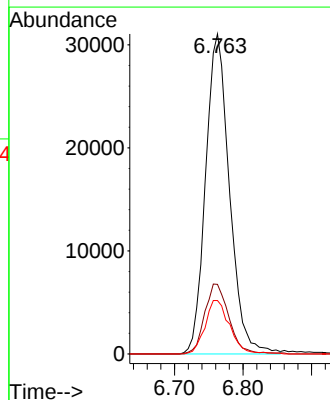
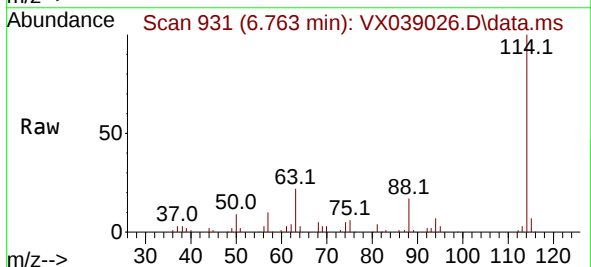
Tgt Ion:114 Resp: 75404

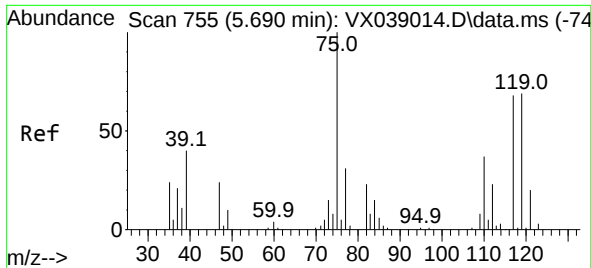
Ion Ratio Lower Upper

114 100

63 21.9 17.0 25.4

88 17.2 12.7 19.1





#29

1,1-Dichloropropene

Concen: 2.751 ug/l

RT: 5.696 min Scan# 755

Delta R.T. 0.006 min

Lab File: VX039026.D

Acq: 24 Nov 2023 15:55

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

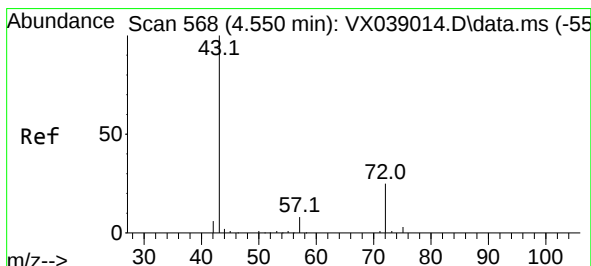
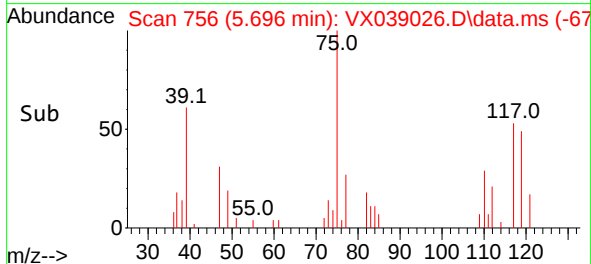
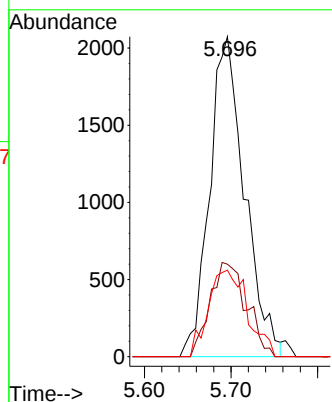
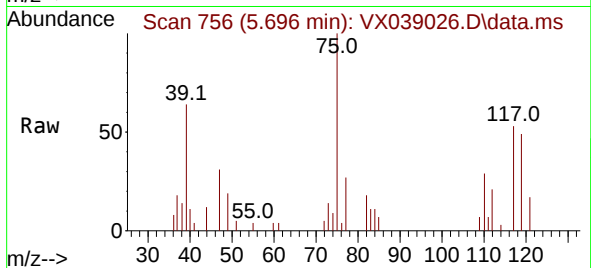
Tgt Ion: 75	Resp: 581
Ion Ratio	Lower Upper
75 100	
110 25.2	0.0 71.2
77 22.2	0.0 62.6

Manual Integrations

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Reviewed By :John Carlone 11/27/2023

Supervised By :Mahesh Dadoda 11/27/2023



#30

2-Butanone

Concen: 13.530 ug/l

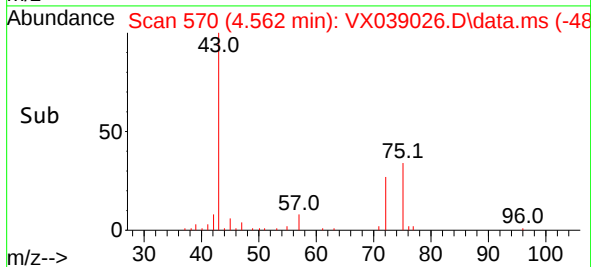
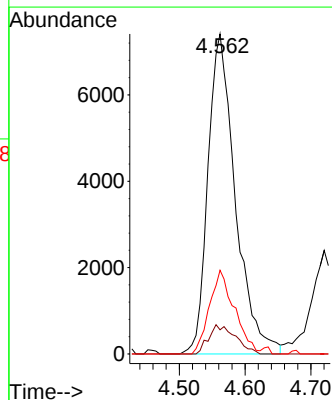
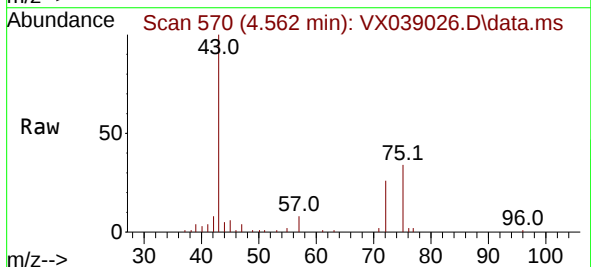
RT: 4.562 min Scan# 570

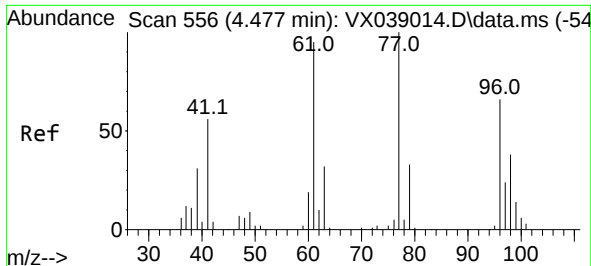
Delta R.T. 0.012 min

Lab File: VX039026.D

Acq: 24 Nov 2023 15:55

Tgt Ion: 43	Resp: 21532
Ion Ratio	Lower Upper
43 100	
57 8.9	6.6 10.0
72 23.9	20.6 31.0





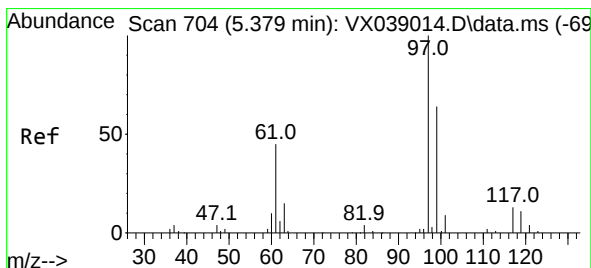
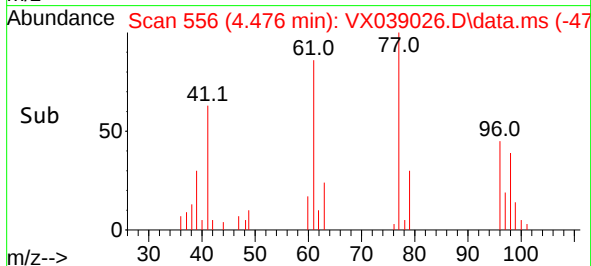
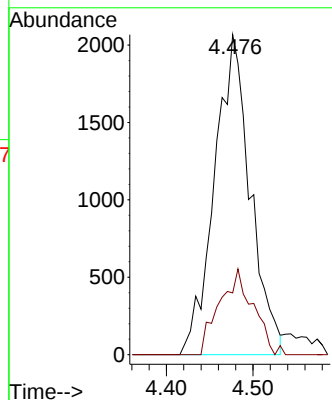
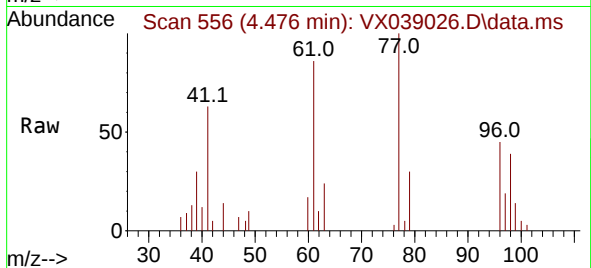
#31
2,2-Dichloropropane
Concen: 2.454 ug/l
RT: 4.476 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX039026.D
Acq: 24 Nov 2023 15:55

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

Tgt Ion: 77 Resp: 593
Ion Ratio Lower Upper
77 100
97 11.7 18.2 27.4

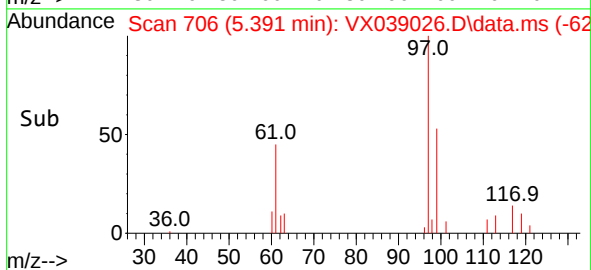
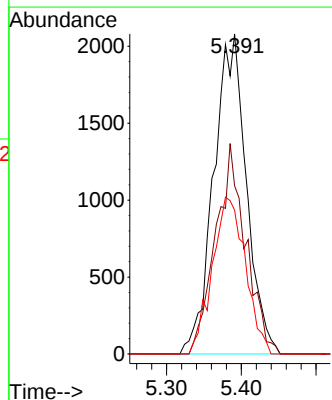
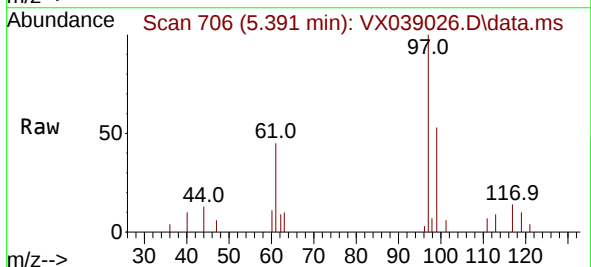
Manual Integrations
APPROVED

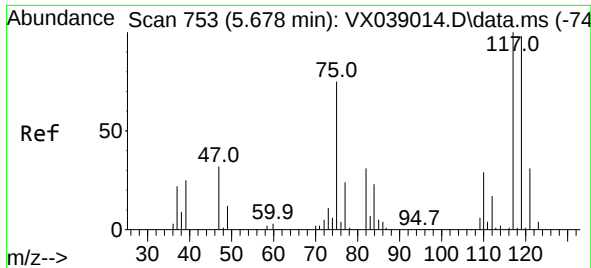
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#32
1,1,1-Trichloroethane
Concen: 2.586 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.012 min
Lab File: VX039026.D
Acq: 24 Nov 2023 15:55

Tgt Ion: 97 Resp: 6318
Ion Ratio Lower Upper
97 100
99 60.4 52.6 79.0
61 49.7 36.9 55.3





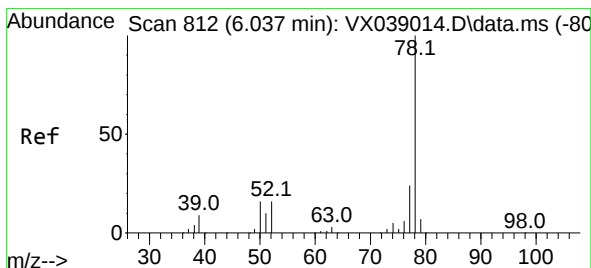
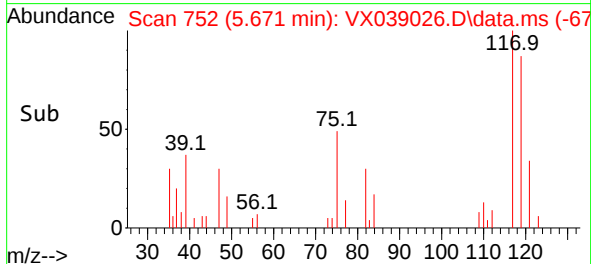
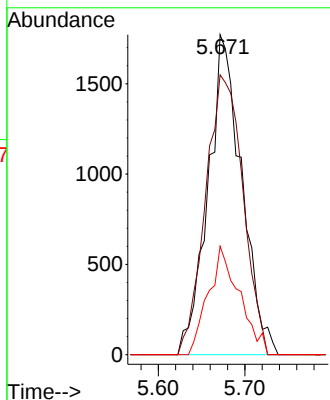
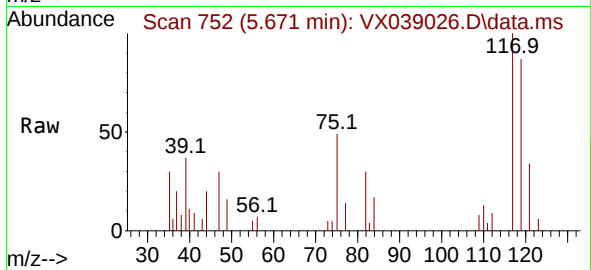
#33
Carbon Tetrachloride
Concen: 2.323 ug/l
RT: 5.671 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX039026.D
Acq: 24 Nov 2023 15:55

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

Tgt Ion:117 Resp: 478
Ion Ratio Lower Upper
117 100
119 87.5 78.2 117.4
121 33.9 24.7 37.1

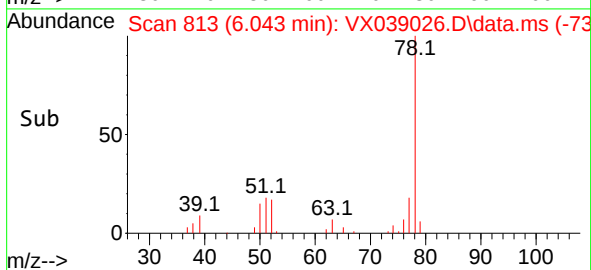
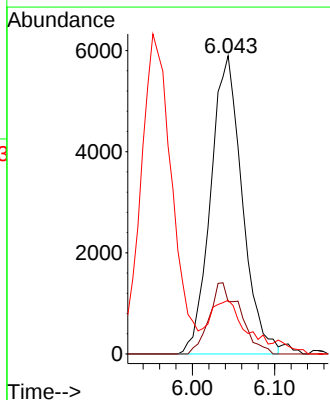
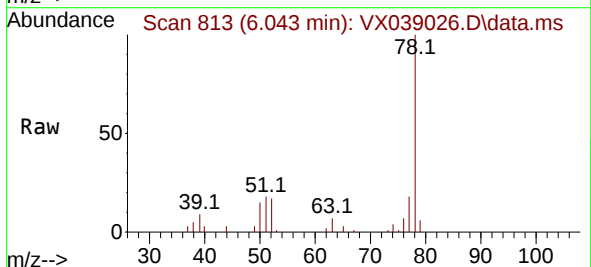
Manual Integrations
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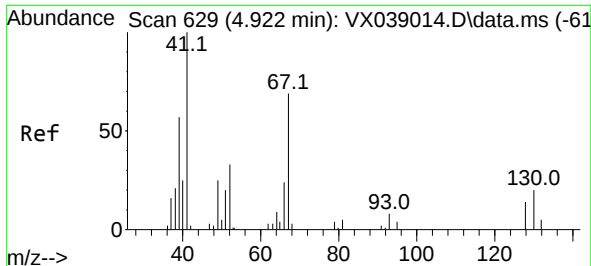
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#34
Benzene
Concen: 2.555 ug/l
RT: 6.043 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX039026.D
Acq: 24 Nov 2023 15:55

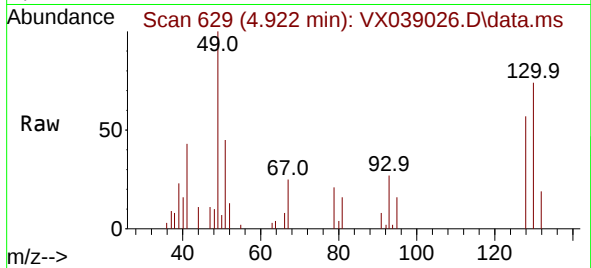
Tgt Ion: 78 Resp: 15735
Ion Ratio Lower Upper
78 100
77 17.5 19.3 28.9#
51 13.3 14.4 21.6#





#35
Methacrylonitrile
Concen: 2.603 ug/l m
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX039026.D
Acq: 24 Nov 2023 15:55

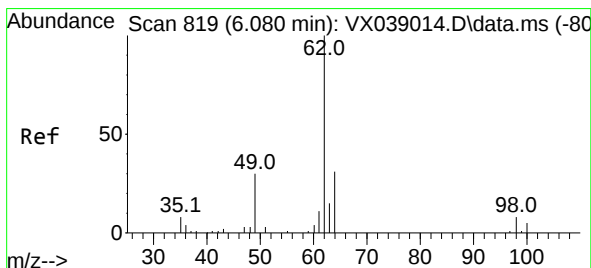
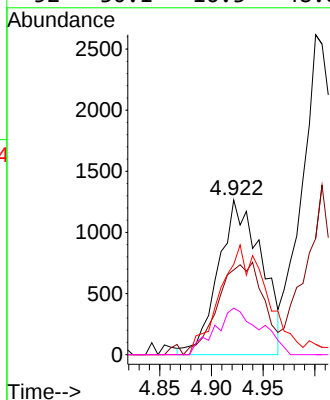
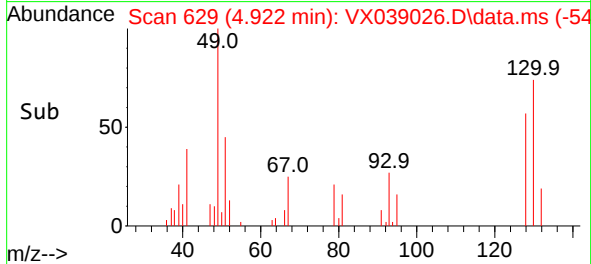
Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023



Tgt Ion: 41 Resp: 366
Ion Ratio Lower Upper
41 100
39 54.7 28.2 84.7
67 58.3 34.5 103.5
52 30.1 16.3 48.8

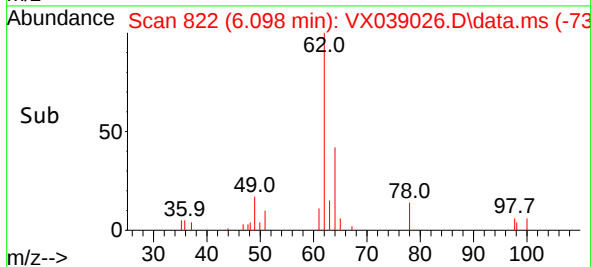
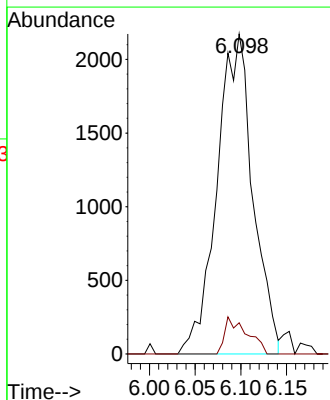
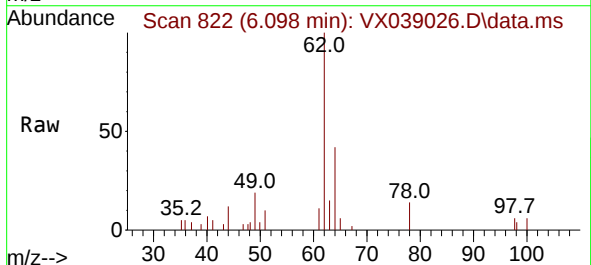
Manual Integrations
APPROVED

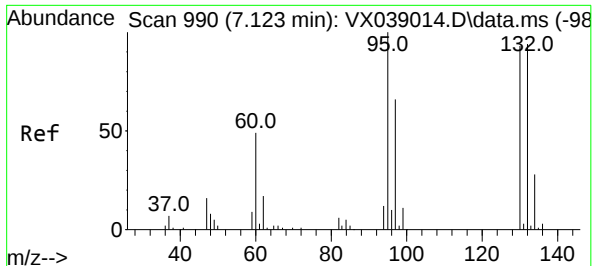
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#36
1,2-Dichloroethane
Concen: 2.633 ug/l
RT: 6.098 min Scan# 822
Delta R.T. 0.018 min
Lab File: VX039026.D
Acq: 24 Nov 2023 15:55

Tgt Ion: 62 Resp: 5948
Ion Ratio Lower Upper
62 100
98 7.2 7.0 10.4





#37

Trichloroethene

Concen: 2.588 ug/l

RT: 7.128 min Scan# 990

Delta R.T. 0.006 min

Lab File: VX039026.D

Acq: 24 Nov 2023 15:55

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

Tgt Ion:130 Resp: 404

Ion Ratio Lower Upper

130 100

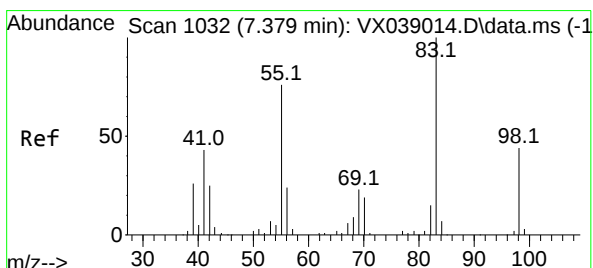
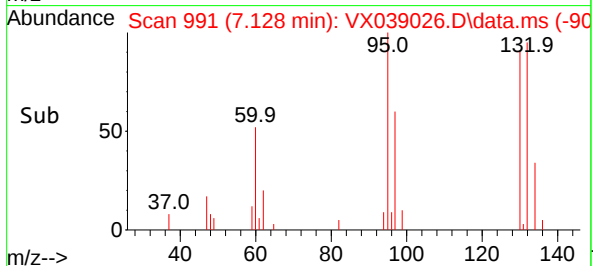
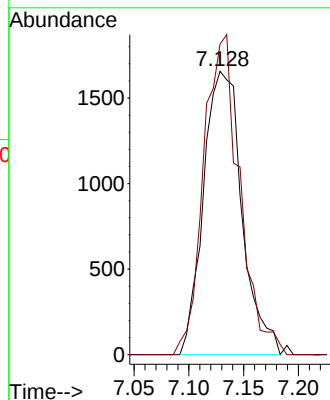
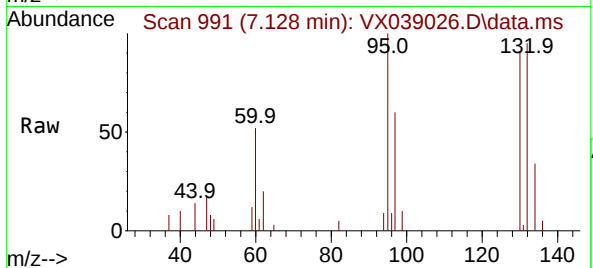
95 106.0 85.8 128.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/27/2023

Supervised By :Mahesh Dadoda 11/27/2023



#38

Methylcyclohexane

Concen: 2.509 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.006 min

Lab File: VX039026.D

Acq: 24 Nov 2023 15:55

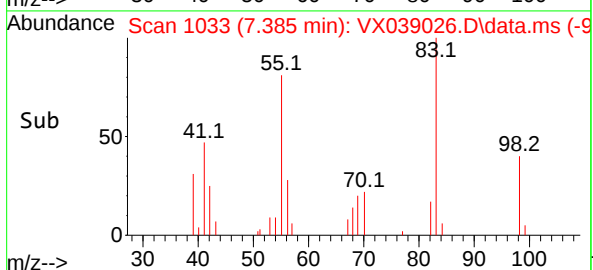
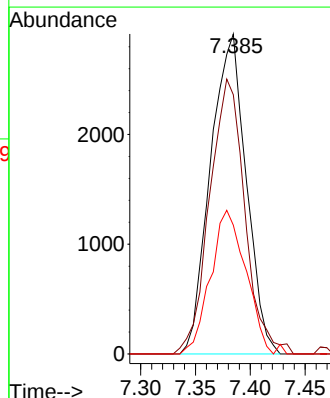
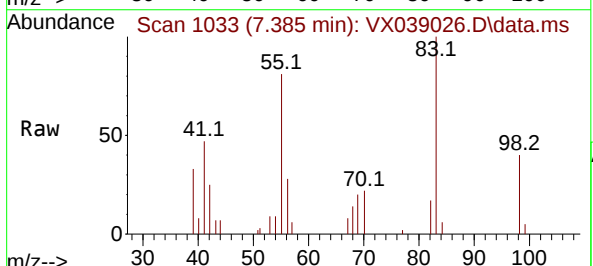
Tgt Ion: 83 Resp: 6609

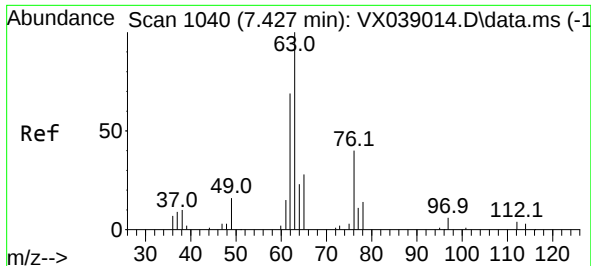
Ion Ratio Lower Upper

83 100

55 84.2 38.6 116.0

98 44.4 22.3 66.8





#39

1,2-Dichloropropane

Concen: 2.619 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX039026.D

Acq: 24 Nov 2023 15:55

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

Tgt Ion: 63 Resp: 425

Ion Ratio Lower Upper

63 100

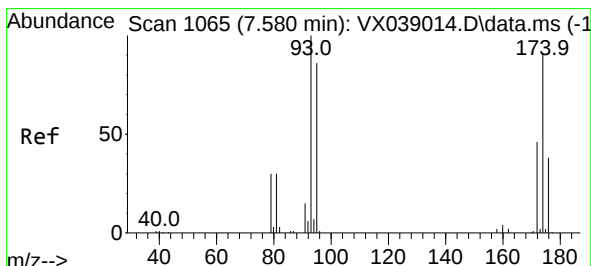
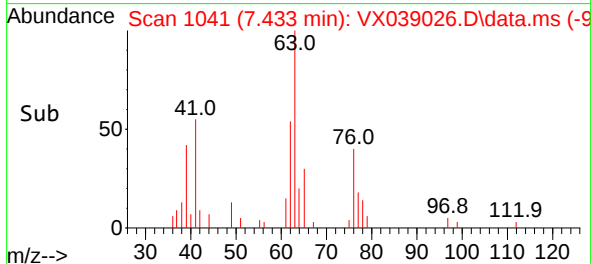
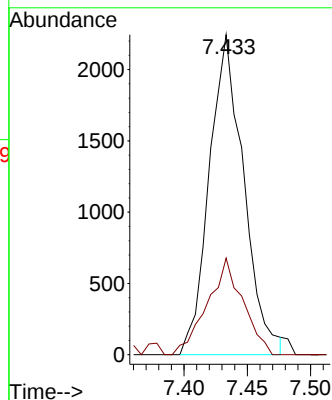
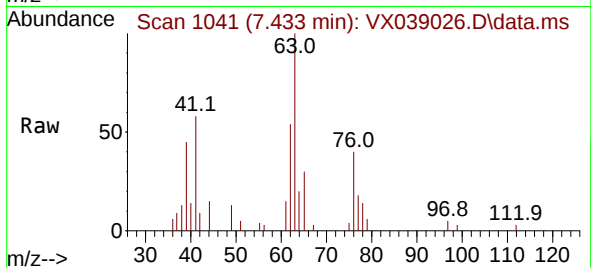
65 30.2 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/27/2023

Supervised By :Mahesh Dadoda 11/27/2023



#40

Dibromomethane

Concen: 2.481 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX039026.D

Acq: 24 Nov 2023 15:55

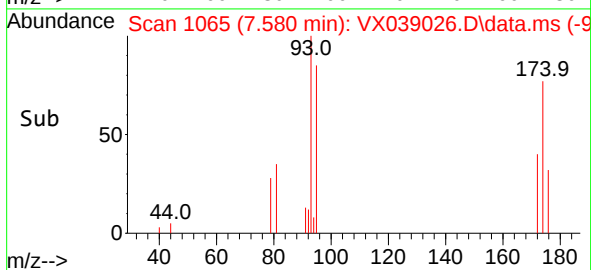
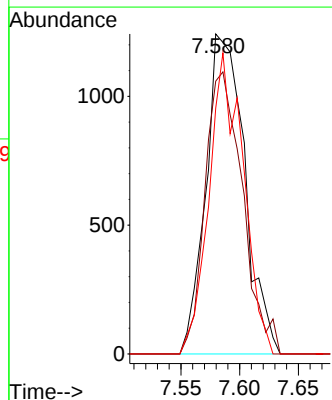
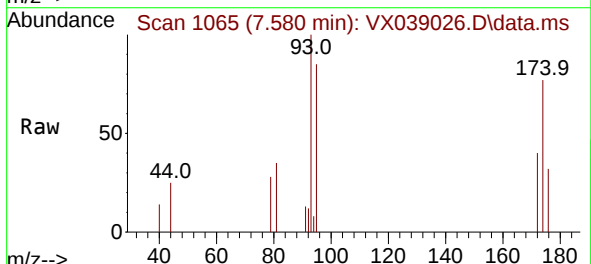
Tgt Ion: 93 Resp: 2847

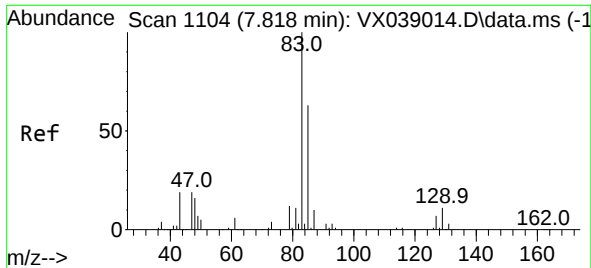
Ion Ratio Lower Upper

93 100

95 85.5 0.0 163.4

174 83.2 0.0 166.4





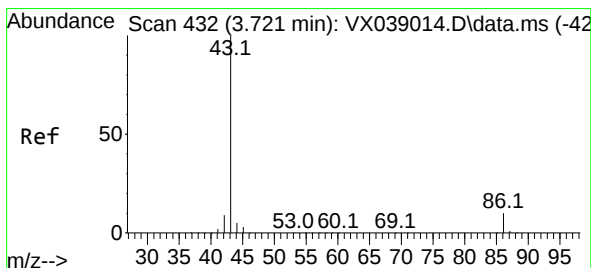
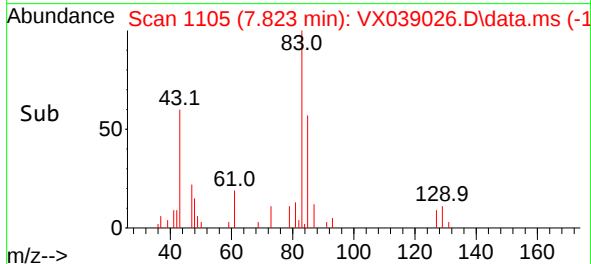
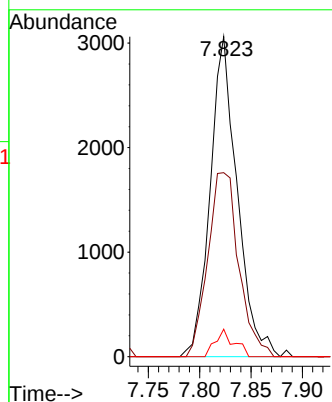
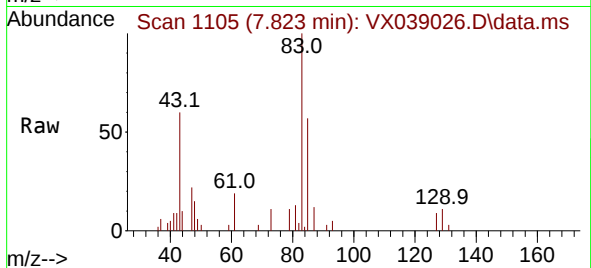
#41
Bromodichloromethane
Concen: 2.540 ug/l
RT: 7.823 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX039026.D
Acq: 24 Nov 2023 15:55

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

Tgt Ion: 83 Resp: 5598
Ion Ratio Lower Upper
83 100
85 57.5 50.8 76.2
127 8.6 5.9 8.9

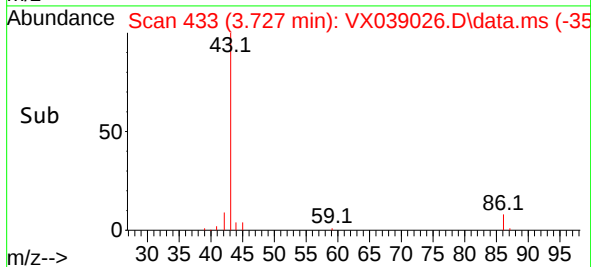
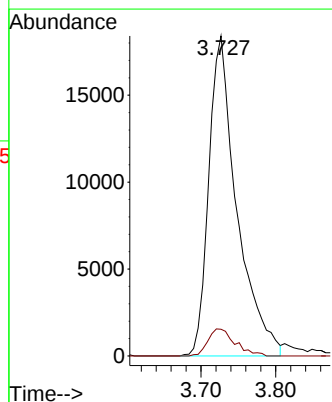
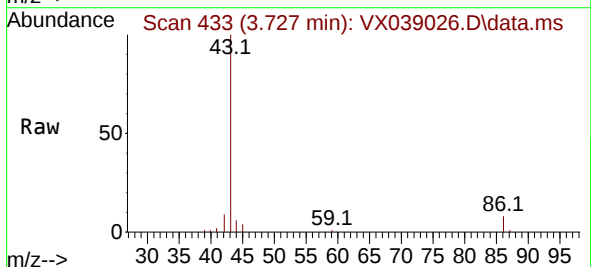
Manual Integrations
APPROVED

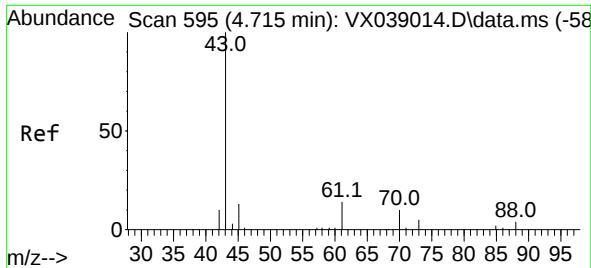
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#42
Vinyl Acetate
Concen: 12.671 ug/l
RT: 3.727 min Scan# 433
Delta R.T. 0.006 min
Lab File: VX039026.D
Acq: 24 Nov 2023 15:55

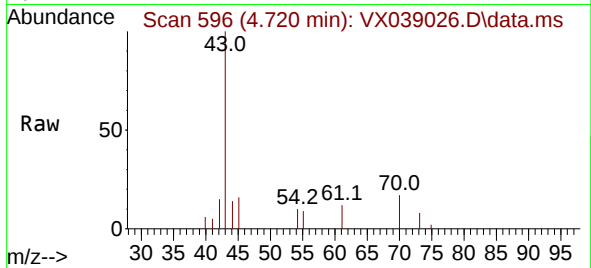
Tgt Ion: 43 Resp: 48030
Ion Ratio Lower Upper
43 100
86 7.9 6.7 10.1





#43
Ethyl Acetate
Concen: 2.787 ug/l m
RT: 4.720 min Scan# 595
Delta R.T. 0.006 min
Lab File: VX039026.D
Acq: 24 Nov 2023 15:55

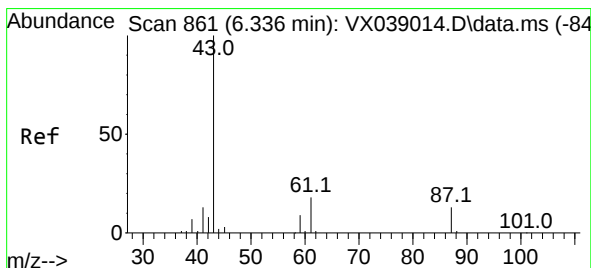
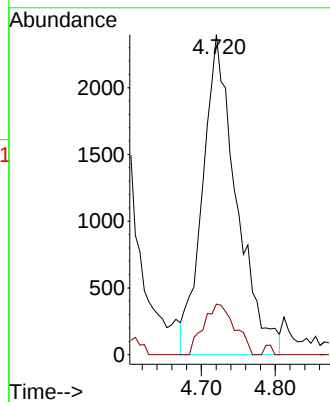
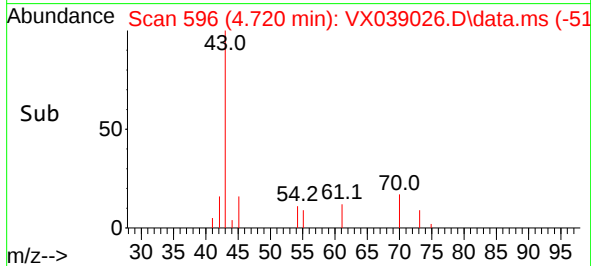
Instrument : MSVOA_X
Client Sample Id : LOD-MDL-WATER-01-QT4-2023



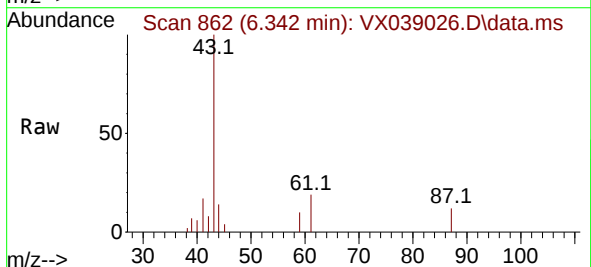
Tgt Ion: 43 Resp: 7630
Ion Ratio Lower Upper
43 100
45 12.5 11.8 17.8

Manual Integrations
APPROVED

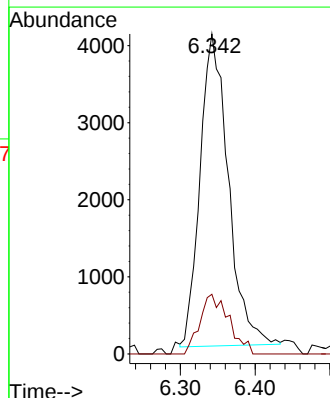
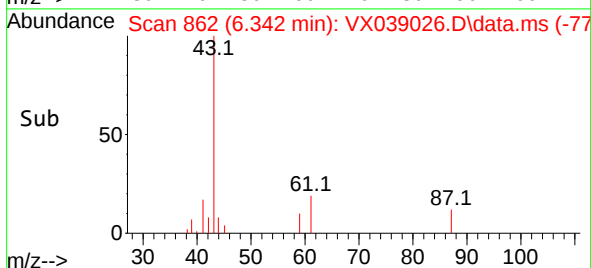
Reviewed By : John Carlone 11/27/2023
Supervised By : Mahesh Dadoda 11/27/2023

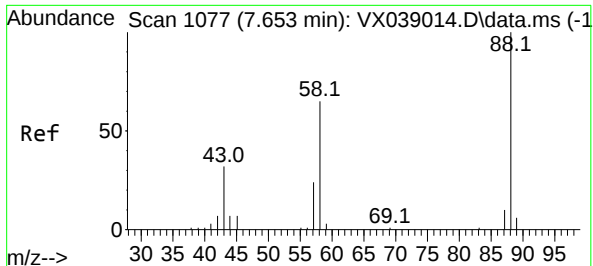


#44
Isopropyl Acetate
Concen: 2.462 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX039026.D
Acq: 24 Nov 2023 15:55



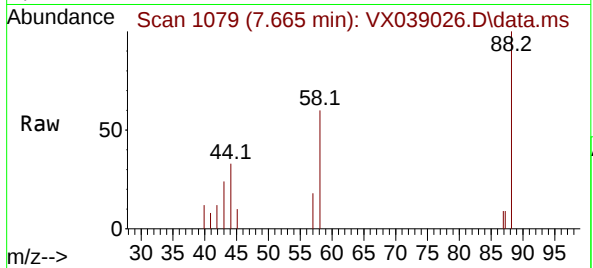
Tgt Ion: 43 Resp: 10625
Ion Ratio Lower Upper
43 100
61 19.6 15.6 23.4





#45
1,4-Dioxane
Concen: 53.720 ug/l
RT: 7.665 min Scan# 1077
Delta R.T. 0.012 min
Lab File: VX039026.D
Acq: 24 Nov 2023 15:55

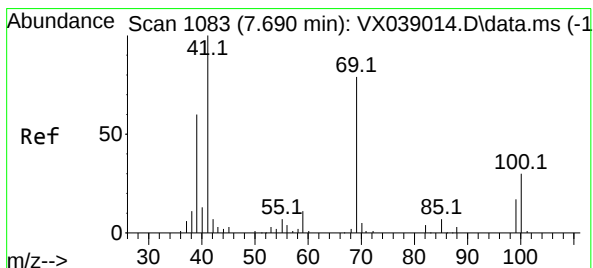
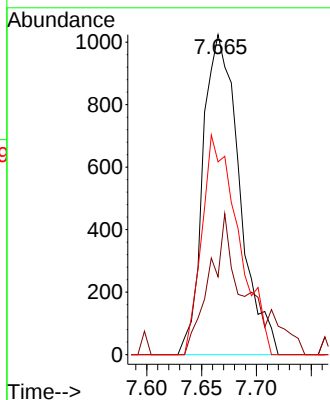
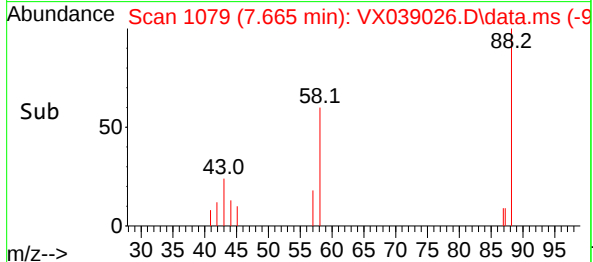
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023



Tgt Ion	Ratio	Lower	Upper
88	100		
43	31.4	28.1	42.1
58	68.9	57.7	86.5

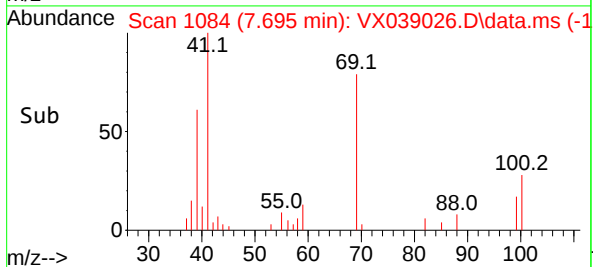
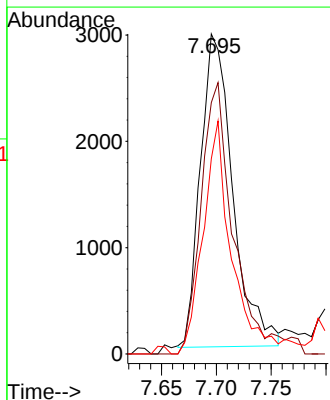
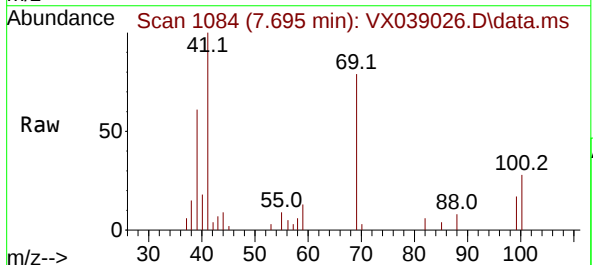
Manual Integrations
APPROVED

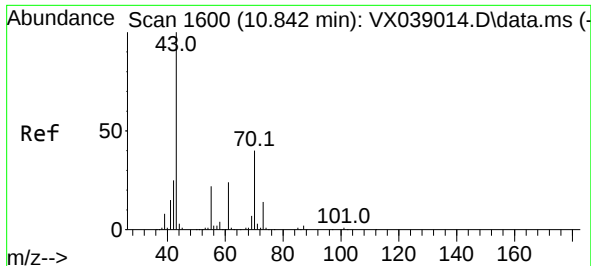
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#46
Methyl methacrylate
Concen: 2.451 ug/l
RT: 7.695 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX039026.D
Acq: 24 Nov 2023 15:55

Tgt Ion	Ratio	Lower	Upper
41	100		
69	80.6	39.6	118.8
39	62.6	30.1	90.3





#47

n-amyl acetate

Concen: 2.108 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX039026.D

Acq: 24 Nov 2023 15:55

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

Tgt Ion: 43 Resp: 7700

Ion Ratio Lower Upper

43 100

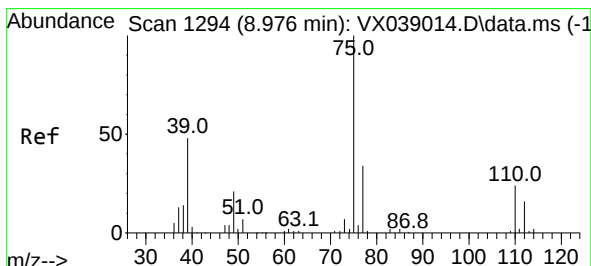
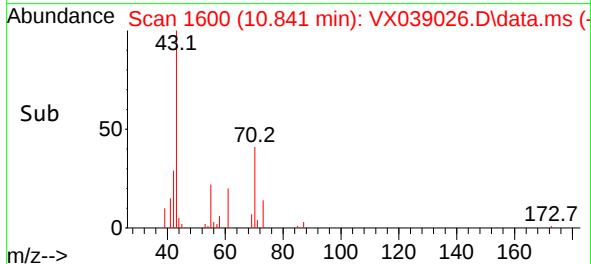
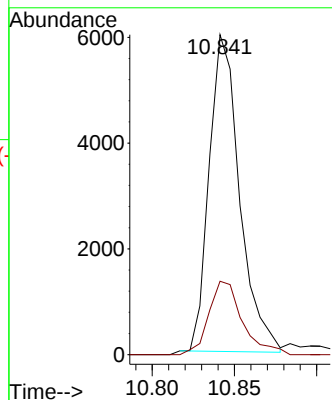
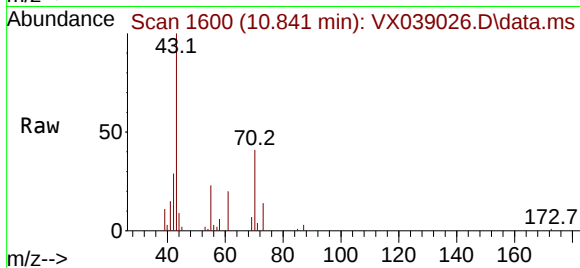
55 25.6 18.2 27.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/27/2023

Supervised By :Mahesh Dadoda 11/27/2023



#48

t-1,3-Dichloropropene

Concen: 2.362 ug/l

RT: 8.982 min Scan# 1295

Delta R.T. 0.006 min

Lab File: VX039026.D

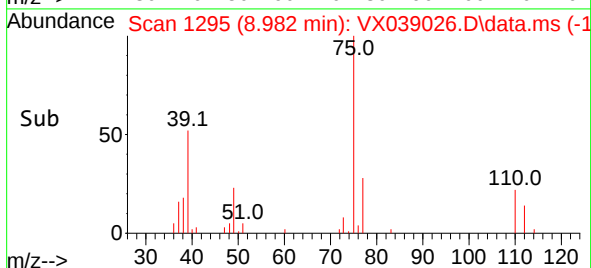
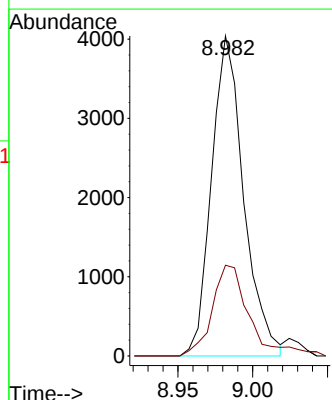
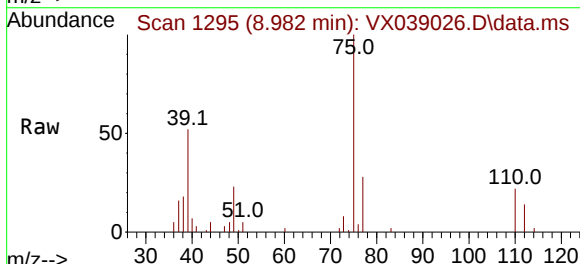
Acq: 24 Nov 2023 15:55

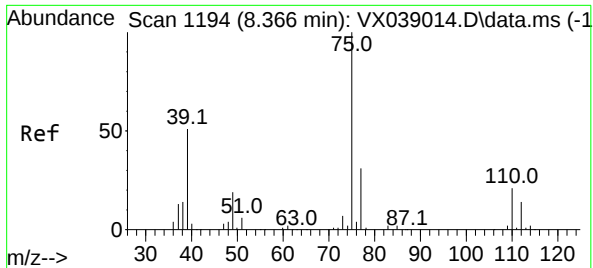
Tgt Ion: 75 Resp: 6038

Ion Ratio Lower Upper

75 100

77 28.3 26.8 40.2





#49

cis-1,3-Dichloropropene

Concen: 2.506 ug/l

RT: 8.372 min Scan# 1194

Delta R.T. 0.006 min

Lab File: VX039026.D

Acq: 24 Nov 2023 15:55

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

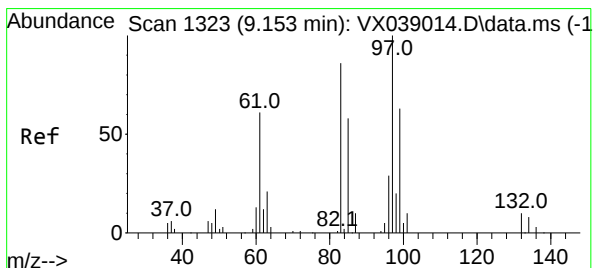
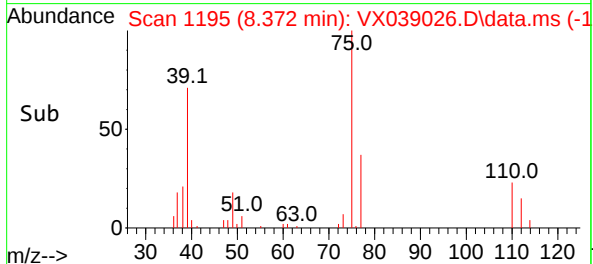
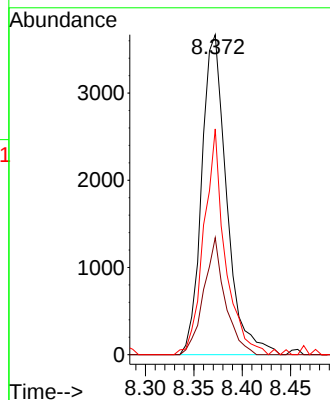
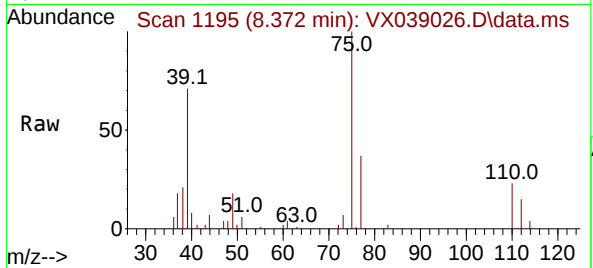
Tgt Ion:	75	Resp:	660
Ion	Ratio	Lower	Upper
75	100		
77	36.6	24.4	36.6
39	70.5	40.6	60.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/27/2023

Supervised By :Mahesh Dadoda 11/27/2023



#50

1,1,2-Trichloroethane

Concen: 2.522 ug/l

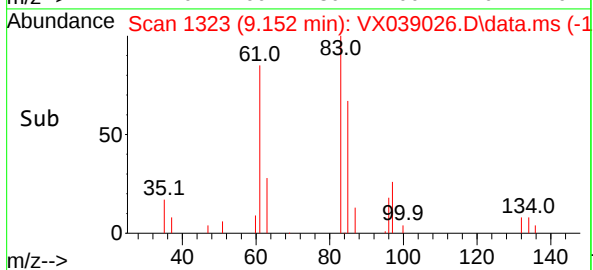
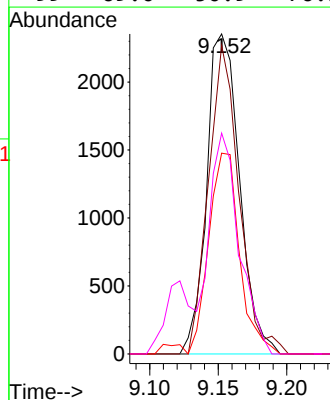
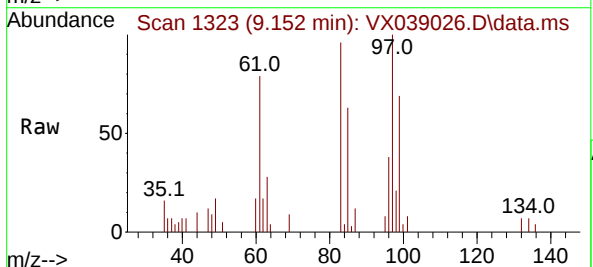
RT: 9.152 min Scan# 1323

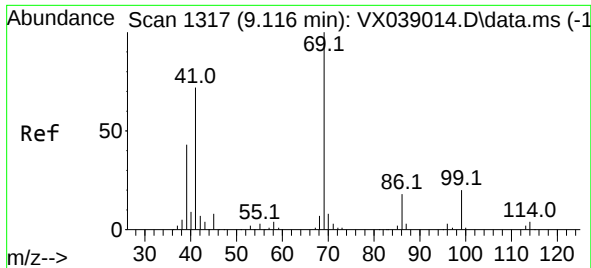
Delta R.T. -0.000 min

Lab File: VX039026.D

Acq: 24 Nov 2023 15:55

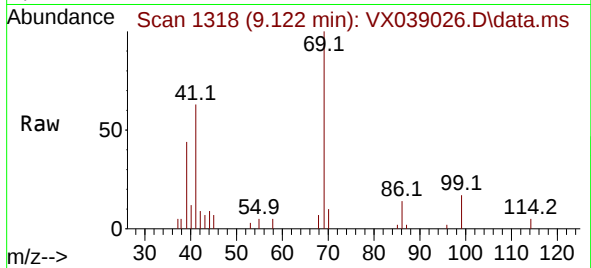
Tgt Ion:	97	Resp:	3931
Ion	Ratio	Lower	Upper
97	100		
83	96.5	69.0	103.6
85	62.7	46.3	69.5
99	69.0	50.9	76.3





#51
Ethyl methacrylate
Concen: 2.432 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VX039026.D
Acq: 24 Nov 2023 15:55

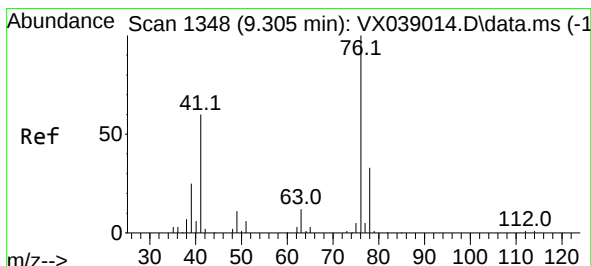
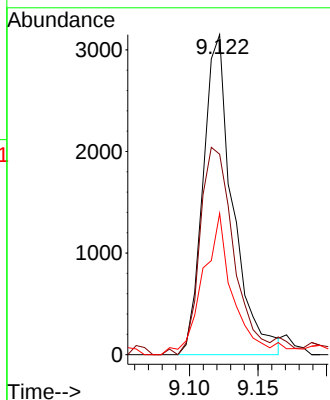
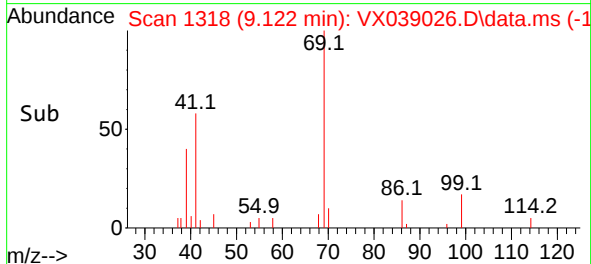
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023



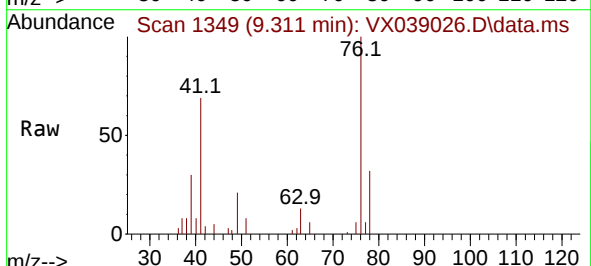
Tgt Ion: 69 Resp: 4740
Ion Ratio Lower Upper
69 100
41 62.6 36.2 108.6
39 42.4 21.1 63.4

Manual Integrations
APPROVED

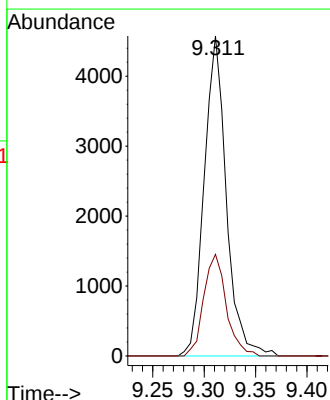
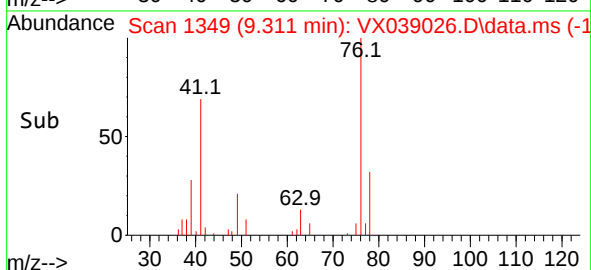
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023

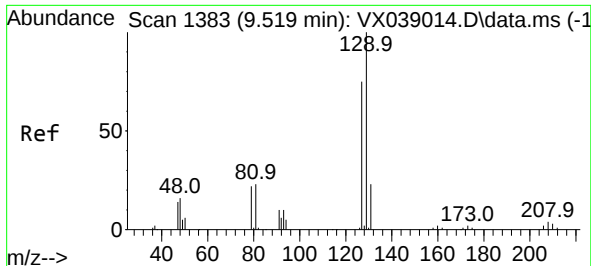


#52
1,3-Dichloropropane
Concen: 2.563 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.006 min
Lab File: VX039026.D
Acq: 24 Nov 2023 15:55



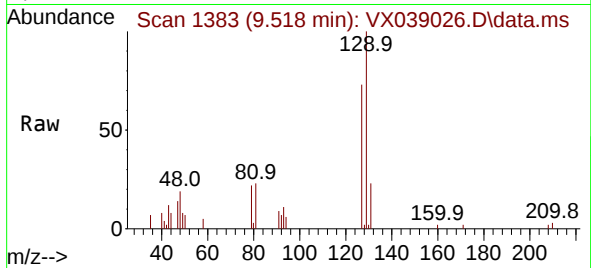
Tgt Ion: 76 Resp: 6850
Ion Ratio Lower Upper
76 100
78 32.5 0.0 65.0





#53
Dibromochloromethane
Concen: 2.264 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX039026.D
Acq: 24 Nov 2023 15:55

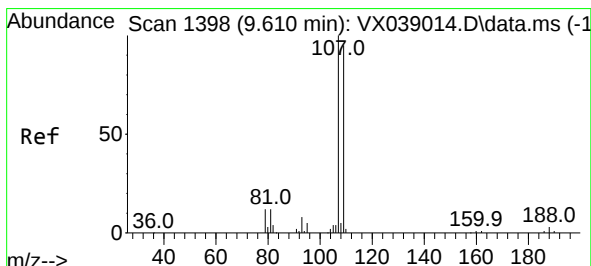
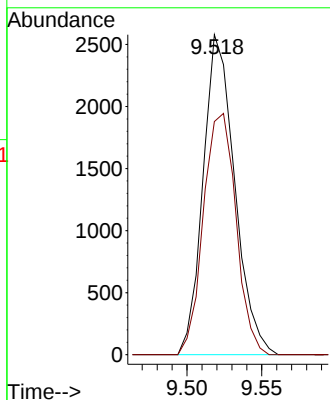
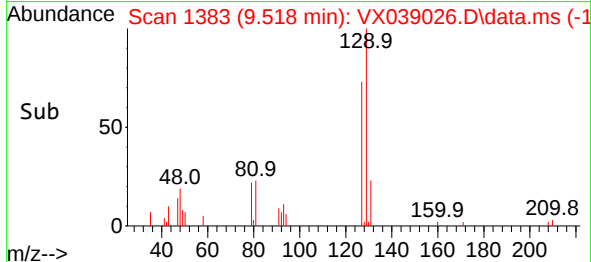
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2023



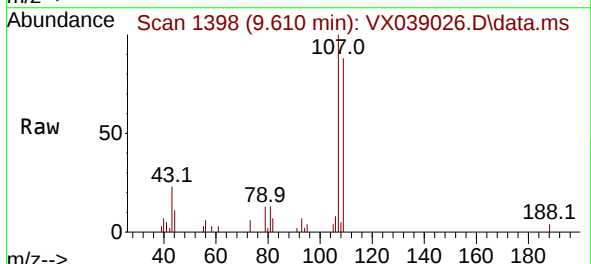
Tgt Ion:129 Resp: 3790
Ion Ratio Lower Upper
129 100
127 77.8 38.3 114.9

Manual Integrations
APPROVED

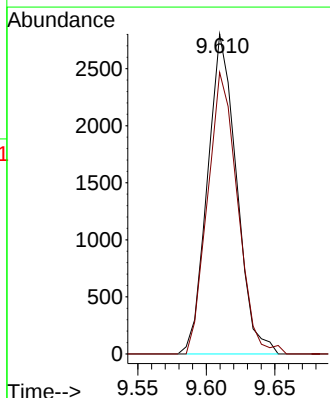
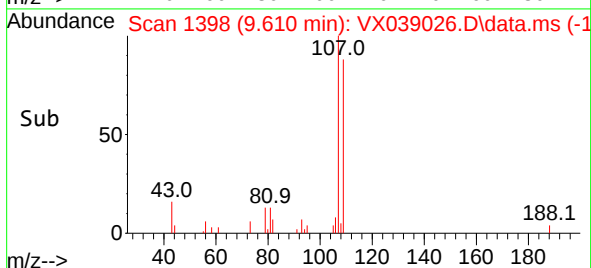
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023

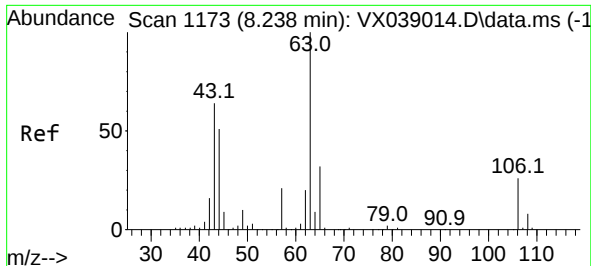


#54
1,2-Dibromoethane
Concen: 2.421 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX039026.D
Acq: 24 Nov 2023 15:55



Tgt Ion:107 Resp: 4139
Ion Ratio Lower Upper
107 100
109 89.9 75.1 112.7





#55

2-Chloroethyl vinyl ether

Concen: 12.704 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VX039026.D

Acq: 24 Nov 2023 15:55

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

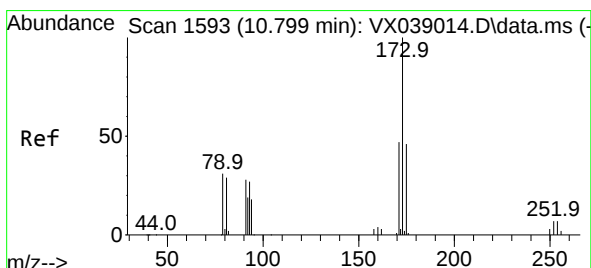
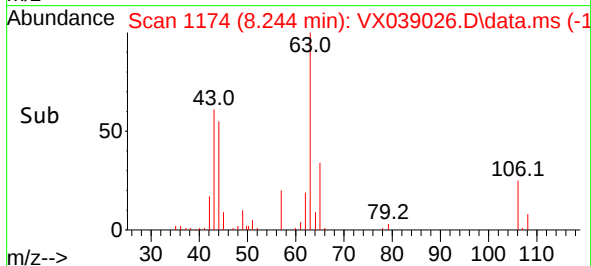
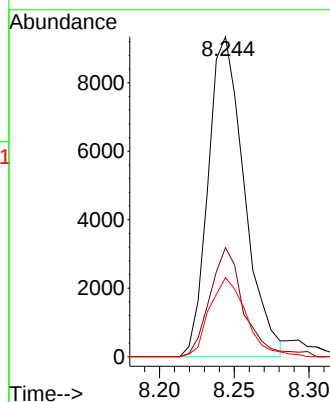
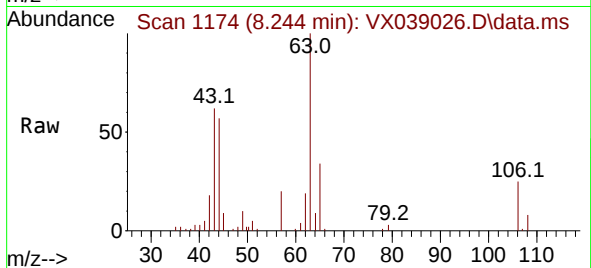
Tgt Ion: 63	Resp: 1571
Ion Ratio	Lower Upper
63 100	
65 31.9	25.8 38.6
106 25.0	20.6 31.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/27/2023

Supervised By :Mahesh Dadoda 11/27/2023



#56

Bromoform

Concen: 2.094 ug/l

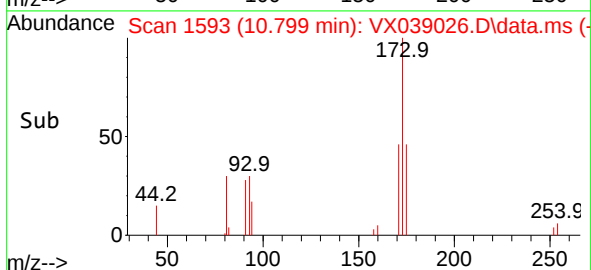
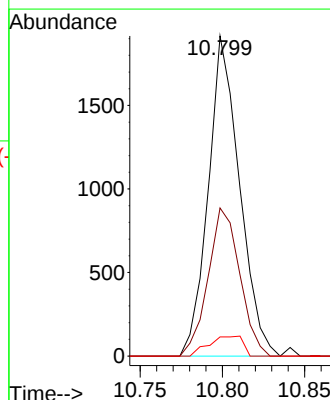
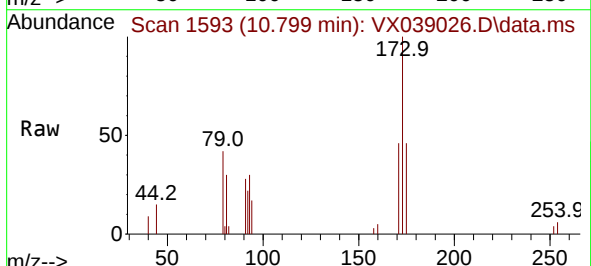
RT: 10.799 min Scan# 1593

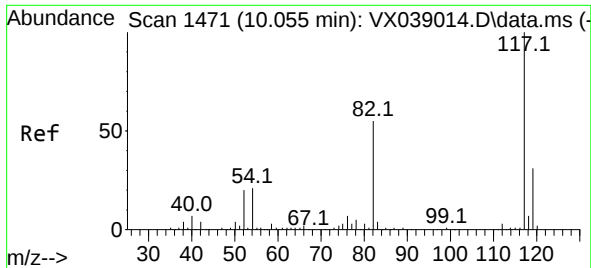
Delta R.T. -0.000 min

Lab File: VX039026.D

Acq: 24 Nov 2023 15:55

Tgt Ion: 173	Resp: 2530
Ion Ratio	Lower Upper
173 100	
175 46.9	37.6 56.4
254 6.8	5.8 8.8





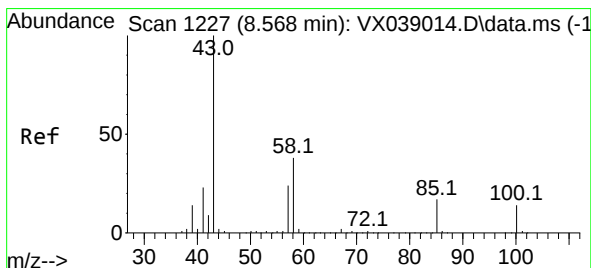
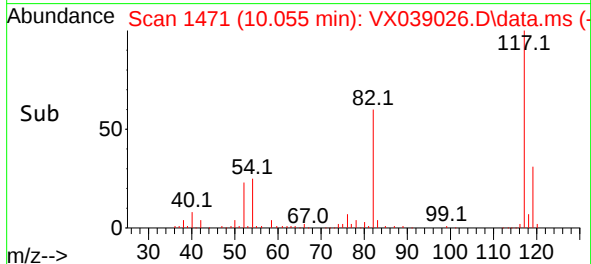
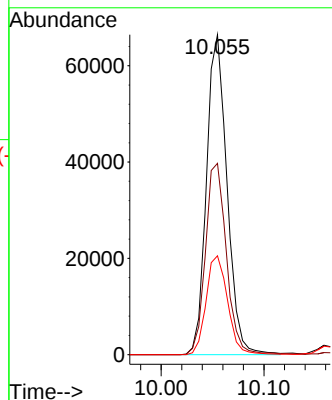
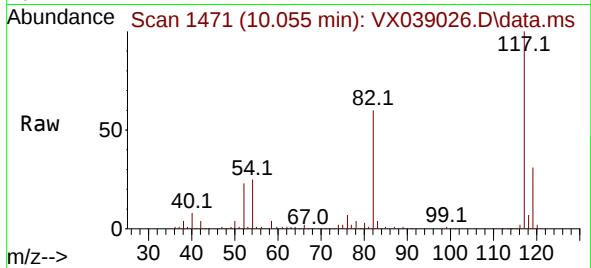
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX039026.D
Acq: 24 Nov 2023 15:55

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

Tgt Ion: 117 Resp: 9236
Ion Ratio Lower Upper
117 100
82 61.0 47.0 70.6
119 32.5 25.2 37.8

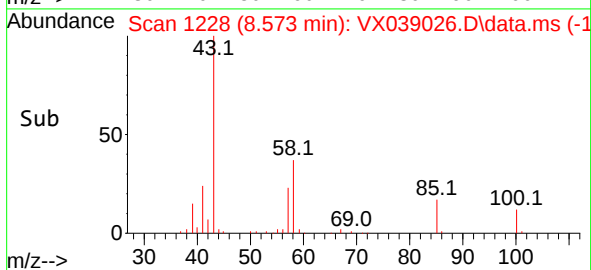
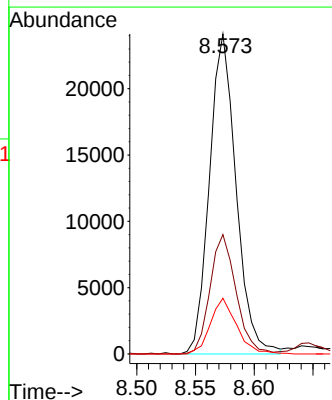
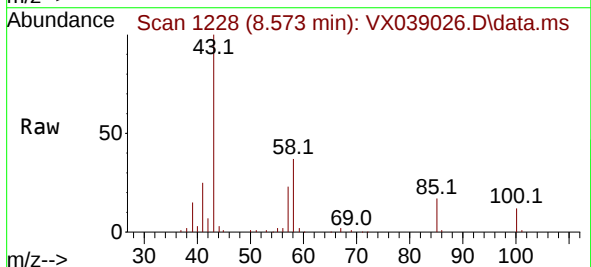
Manual Integrations
APPROVED

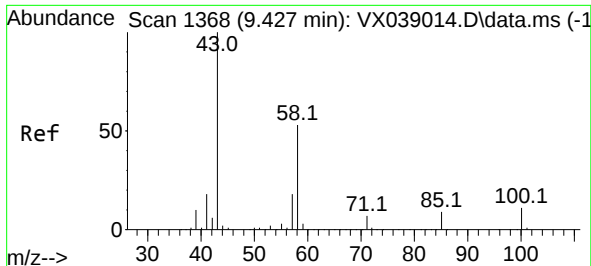
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#58
4-Methyl-2-Pentanone
Concen: 13.604 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VX039026.D
Acq: 24 Nov 2023 15:55

Tgt Ion: 43 Resp: 38102
Ion Ratio Lower Upper
43 100
58 36.4 30.1 45.1
85 17.1 13.9 20.9





#59

2-Hexanone

Concen: 12.586 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.006 min

Lab File: VX039026.D

Acq: 24 Nov 2023 15:55

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

Tgt Ion: 43 Resp: 28930

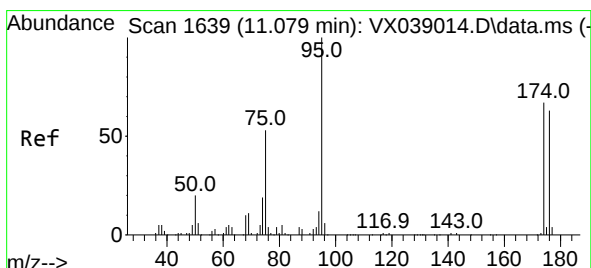
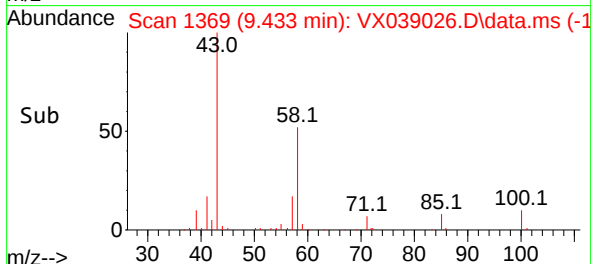
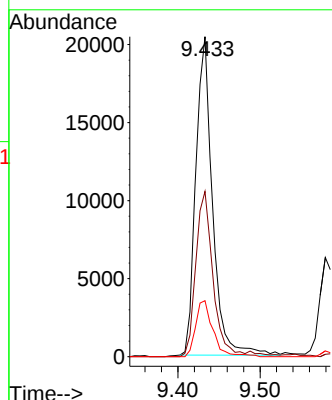
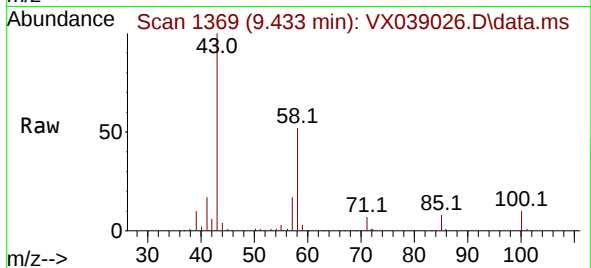
Ion	Ratio	Lower	Upper
43	100		
58	52.8	42.7	64.1
57	17.6	14.8	22.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/27/2023

Supervised By :Mahesh Dadoda 11/27/2023



#60

4-Bromofluorobenzene

Concen: 29.224 ug/l

RT: 11.079 min Scan# 1639

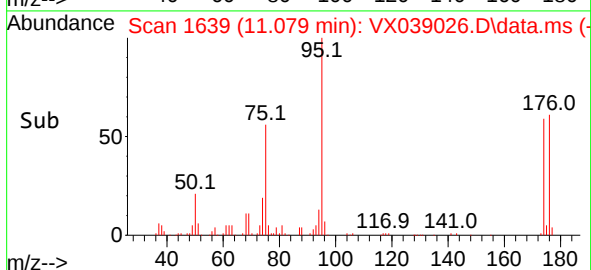
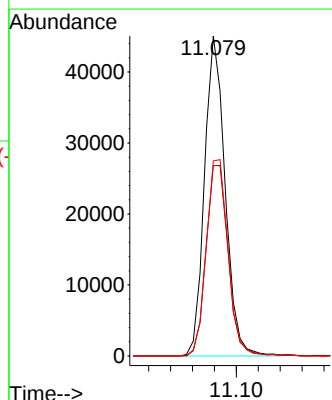
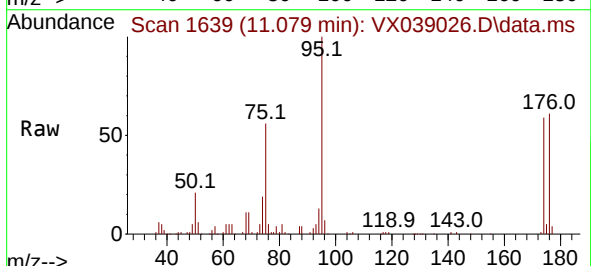
Delta R.T. -0.000 min

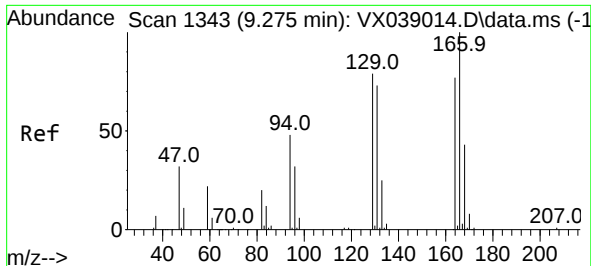
Lab File: VX039026.D

Acq: 24 Nov 2023 15:55

Tgt Ion: 95 Resp: 58955

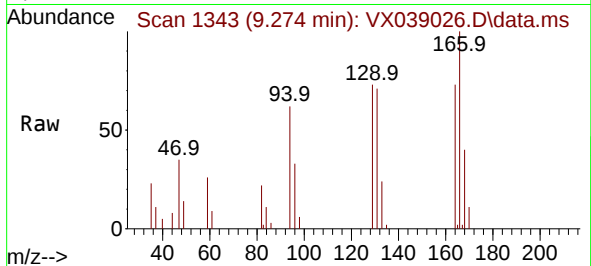
Ion	Ratio	Lower	Upper
95	100		
174	63.8	55.4	83.2
176	64.7	52.6	78.8





#61
Tetrachloroethene
Concen: 2.635 ug/l
RT: 9.274 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX039026.D
Acq: 24 Nov 2023 15:55

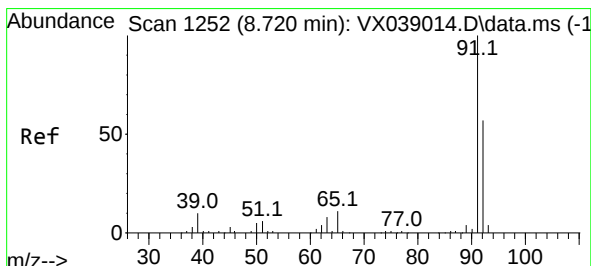
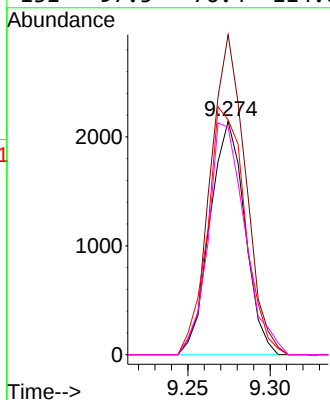
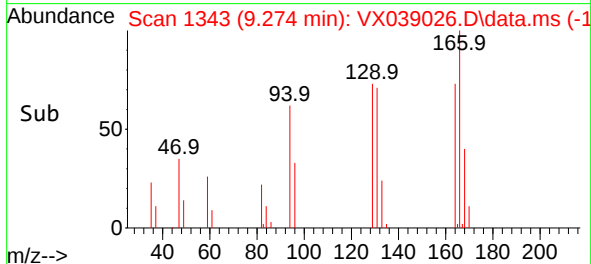
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023



Tgt Ion:164 Resp: 3164
Ion Ratio Lower Upper
164 100
166 137.1 104.0 156.0
129 100.6 82.0 123.0
131 97.5 76.4 114.6

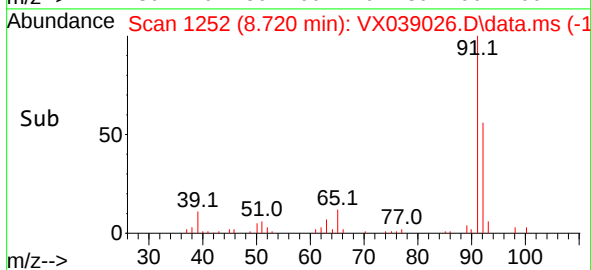
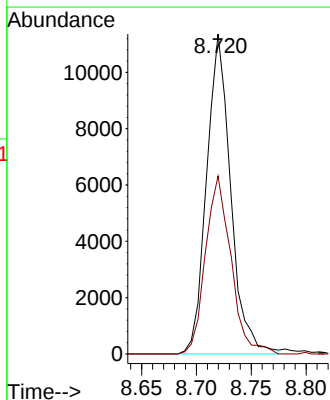
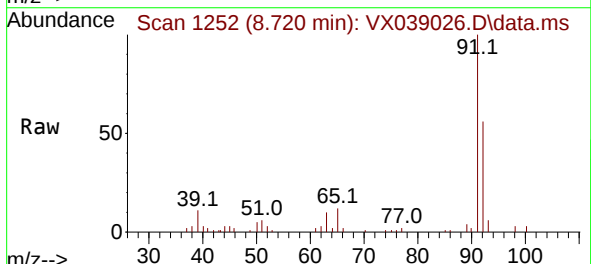
Manual Integrations
APPROVED

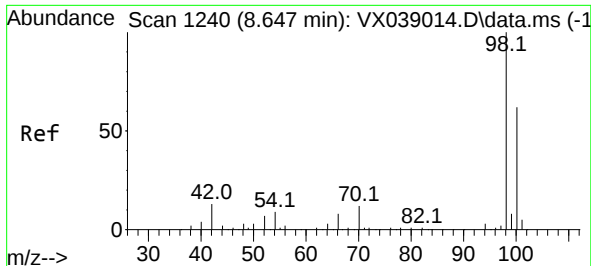
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#62
Toluene
Concen: 2.650 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX039026.D
Acq: 24 Nov 2023 15:55

Tgt Ion: 91 Resp: 17374
Ion Ratio Lower Upper
91 100
92 58.0 45.9 68.9





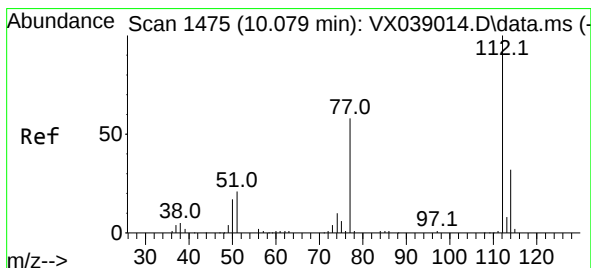
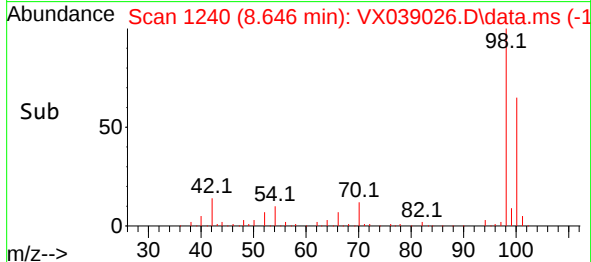
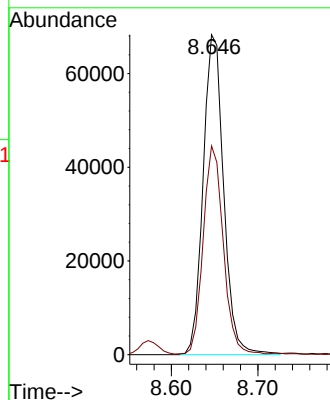
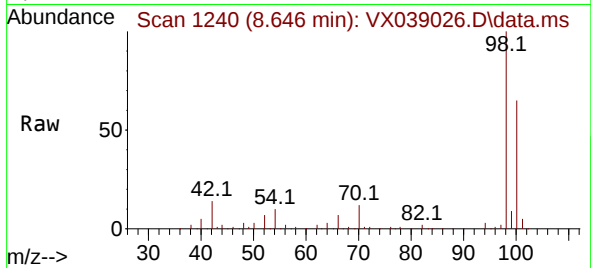
#63
Toluene-d8
Concen: 30.802 ug/l
RT: 8.646 min Scan# 11247
Delta R.T. -0.000 min
Lab File: VX039026.D
Acq: 24 Nov 2023 15:55

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

Tgt Ion: 98 Resp: 11247
Ion Ratio Lower Upper
98 100
100 64.0 51.0 76.4

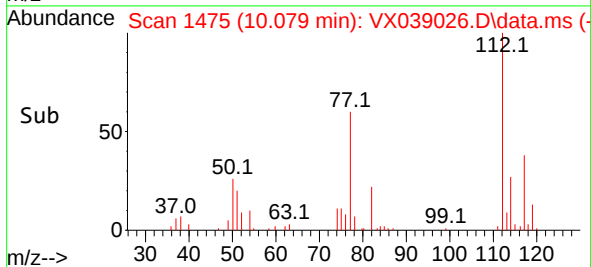
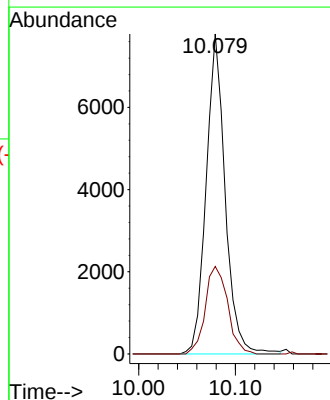
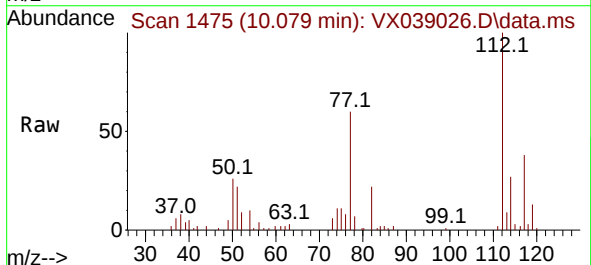
Manual Integrations
APPROVED

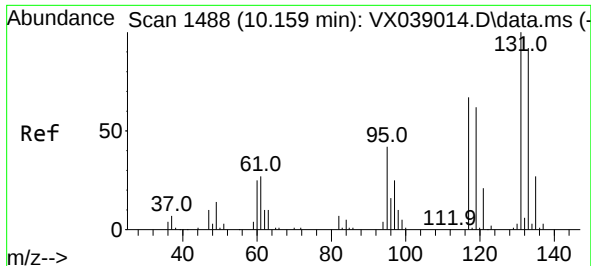
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#64
Chlorobenzene
Concen: 2.675 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX039026.D
Acq: 24 Nov 2023 15:55

Tgt Ion:112 Resp: 10670
Ion Ratio Lower Upper
112 100
114 27.3 25.9 38.9





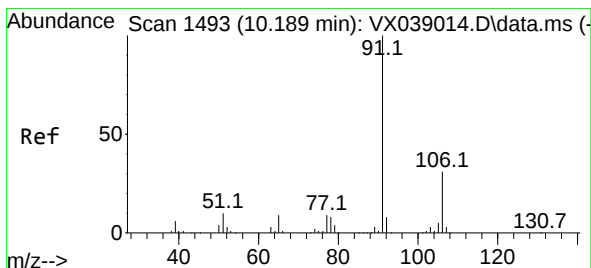
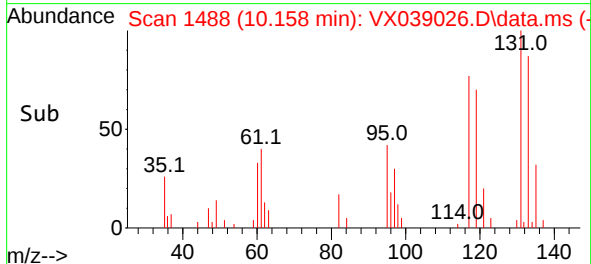
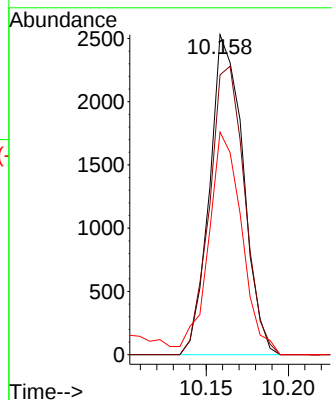
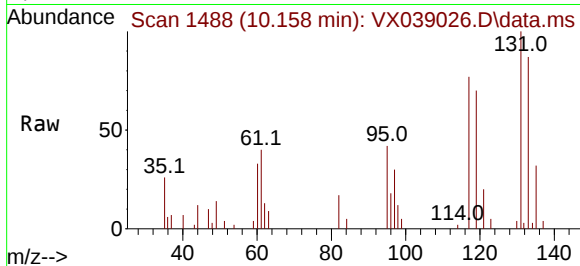
#65
1,1,1,2-Tetrachloroethane
Concen: 2.488 ug/l
RT: 10.158 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX039026.D
Acq: 24 Nov 2023 15:55

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

Tgt Ion:131 Resp: 3574
Ion Ratio Lower Upper
131 100
133 94.5 0.0 191.8
119 68.9 0.0 135.4

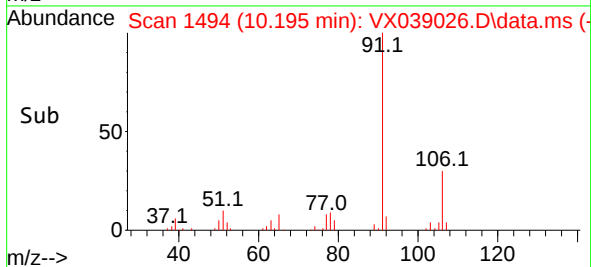
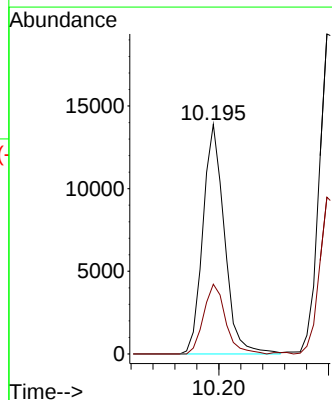
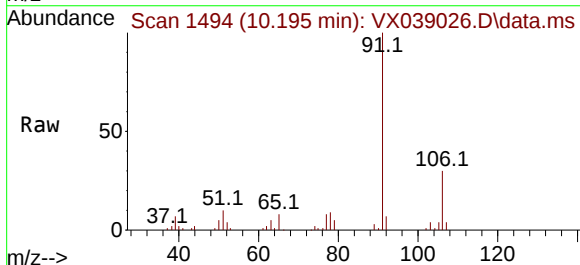
Manual Integrations
APPROVED

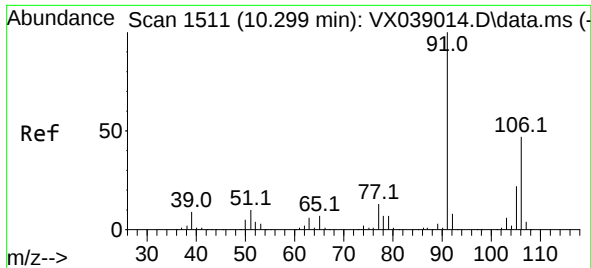
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#66
Ethyl Benzene
Concen: 2.538 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX039026.D
Acq: 24 Nov 2023 15:55

Tgt Ion: 91 Resp: 18951
Ion Ratio Lower Upper
91 100
106 30.4 24.4 36.6





#67

m/p-Xylenes

Concen: 5.122 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX039026.D

Acq: 24 Nov 2023 15:55

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

Tgt Ion:106 Resp: 1413

Ion Ratio Lower Upper

106 100

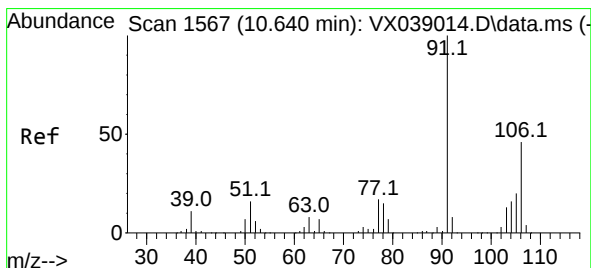
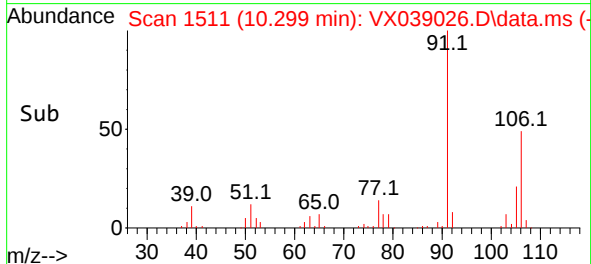
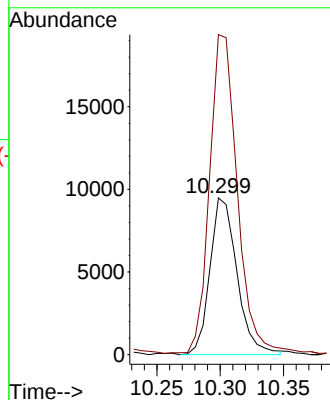
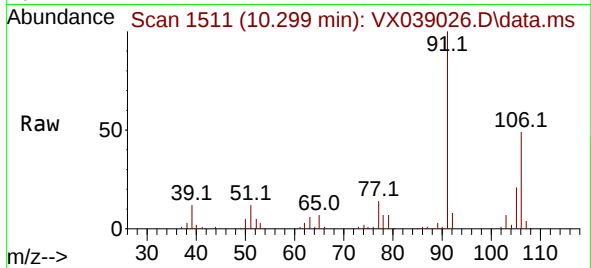
91 209.1 169.4 254.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/27/2023

Supervised By :Mahesh Dadoda 11/27/2023



#68

o-Xylene

Concen: 2.567 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX039026.D

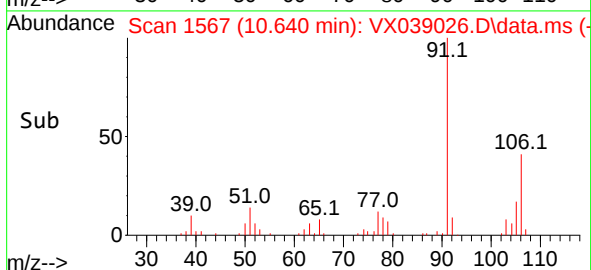
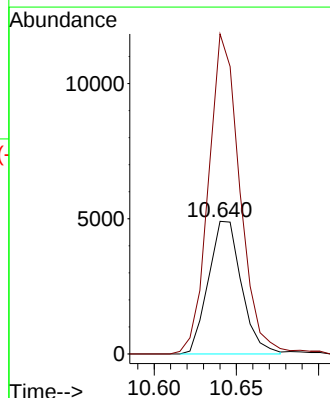
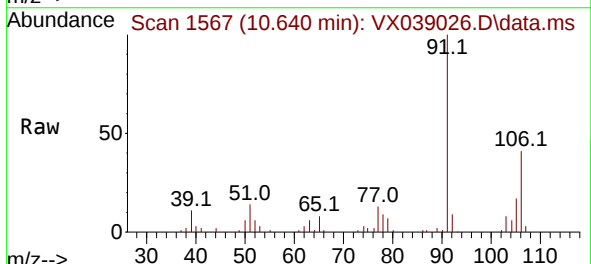
Acq: 24 Nov 2023 15:55

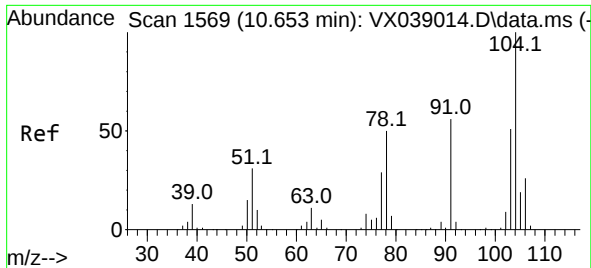
Tgt Ion:106 Resp: 6862

Ion Ratio Lower Upper

106 100

91 229.4 111.2 333.6





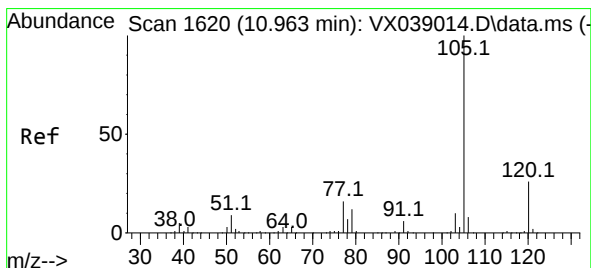
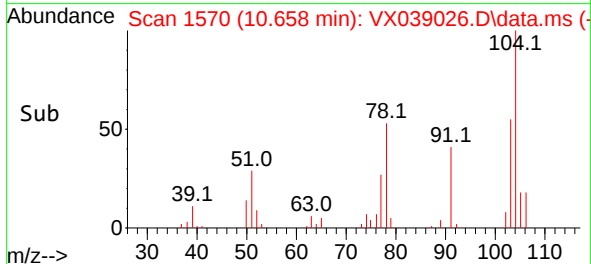
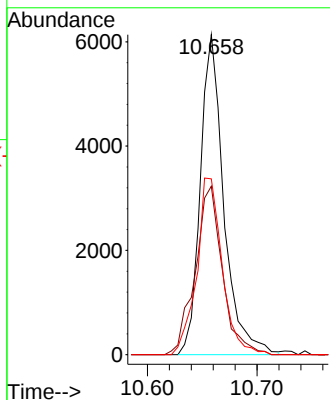
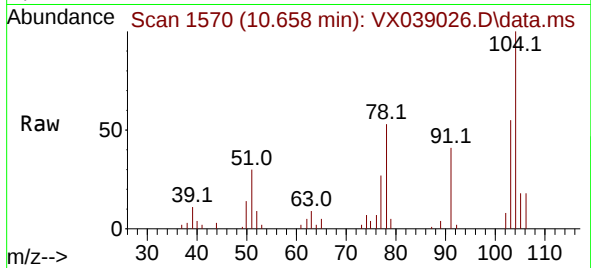
#69
Styrene
Concen: 2.314 ug/l
RT: 10.658 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX039026.D
Acq: 24 Nov 2023 15:55

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

Tgt Ion:104 Resp: 9154
Ion Ratio Lower Upper
104 100
78 61.1 43.7 65.5
103 59.9 44.6 67.0

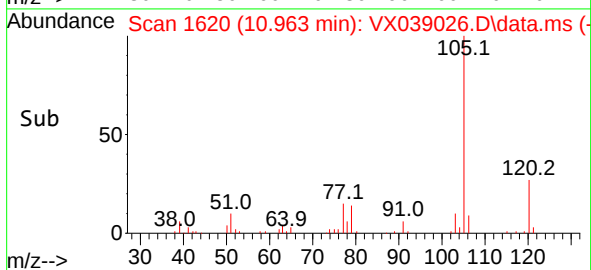
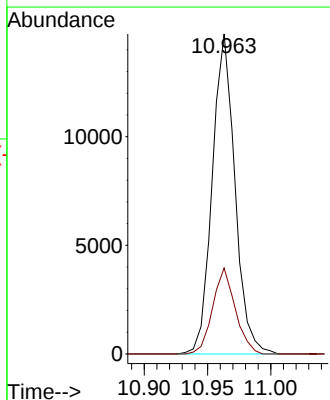
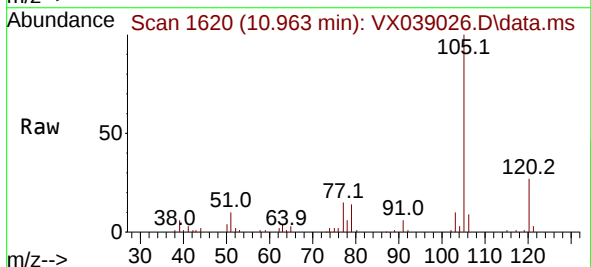
Manual Integrations
APPROVED

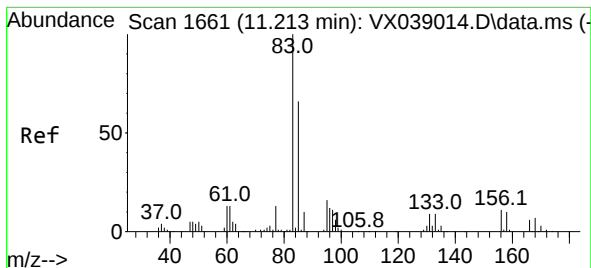
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#70
Isopropylbenzene
Concen: 2.567 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX039026.D
Acq: 24 Nov 2023 15:55

Tgt Ion:105 Resp: 18356
Ion Ratio Lower Upper
105 100
120 26.7 18.5 34.3





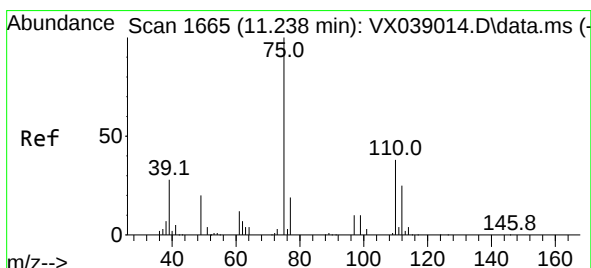
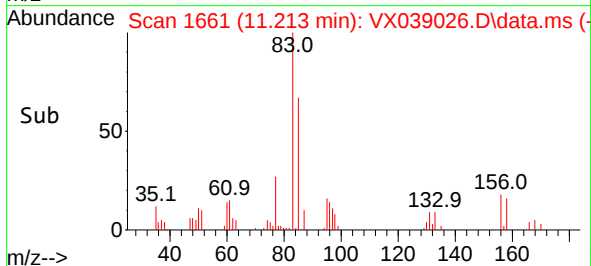
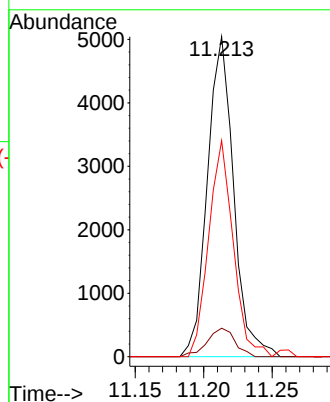
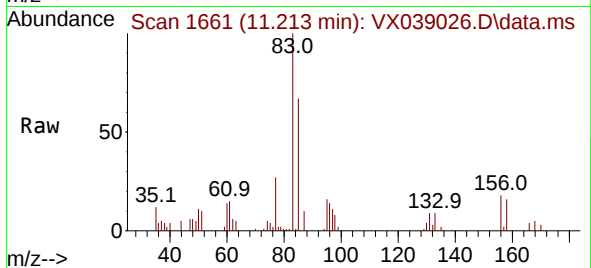
#71
1,1,2,2-Tetrachloroethane
Concen: 2.515 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX039026.D
Acq: 24 Nov 2023 15:55

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

Tgt Ion: 83 Resp: 6715
Ion Ratio Lower Upper
83 100
131 9.5 4.6 13.8
85 62.3 32.5 97.4

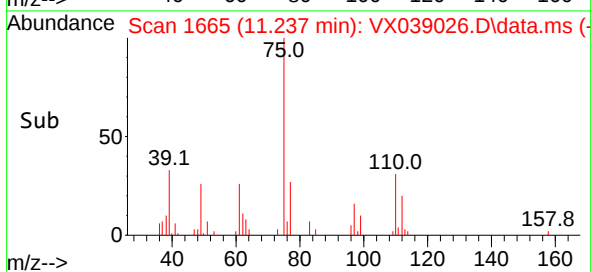
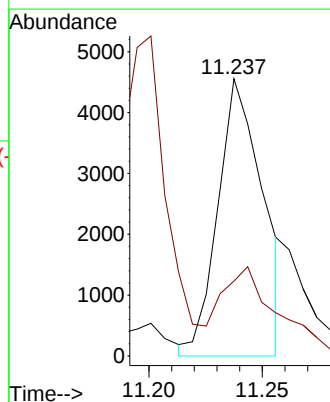
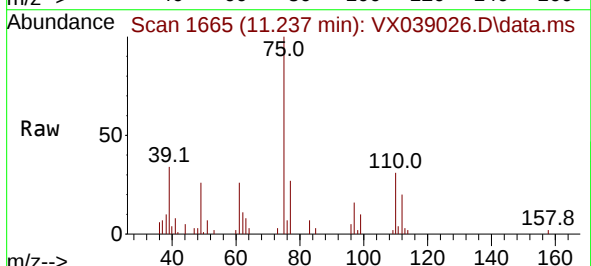
Manual Integrations
APPROVED

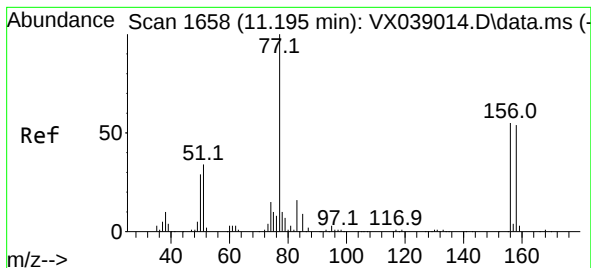
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#72
1,2,3-Trichloropropane
Concen: 2.761 ug/l m
RT: 11.237 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX039026.D
Acq: 24 Nov 2023 15:55

Tgt Ion: 75 Resp: 6237
Ion Ratio Lower Upper
75 100
77 40.1 0.0 76.4





#73

Bromobenzene

Concen: 2.467 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX039026.D

Acq: 24 Nov 2023 15:55

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

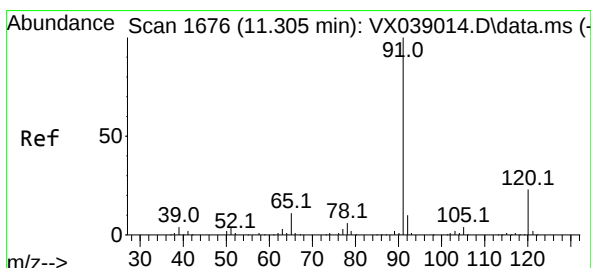
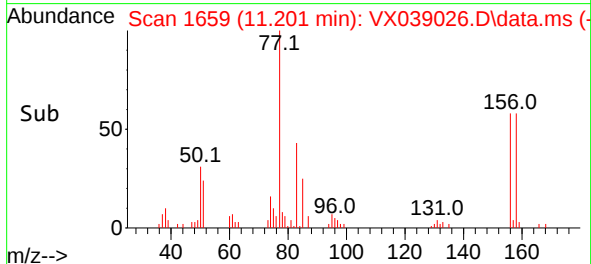
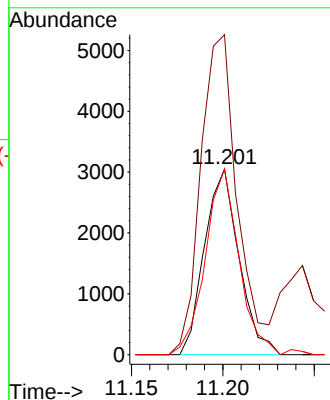
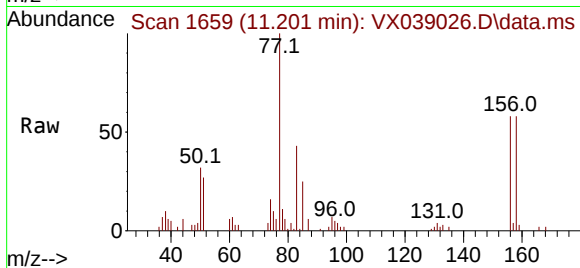
Tgt Ion:	156	Resp:	4010
Ion Ratio	Lower	Upper	
156	100		
77	182.5	0.0	363.2
158	97.3	0.0	197.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/27/2023

Supervised By :Mahesh Dadoda 11/27/2023



#74

n-propylbenzene

Concen: 2.589 ug/l

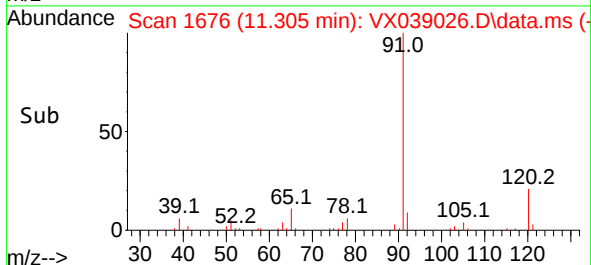
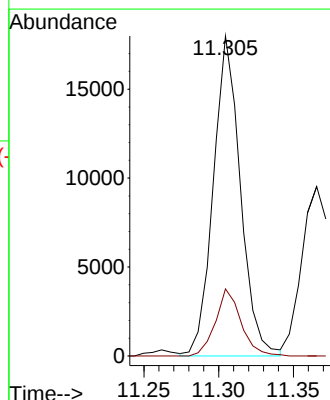
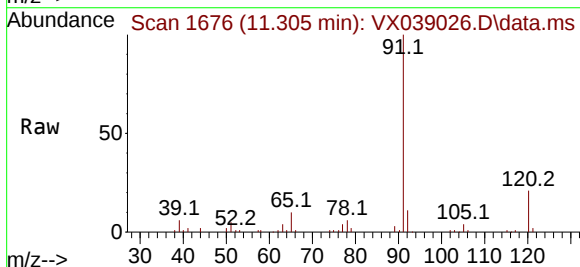
RT: 11.305 min Scan# 1676

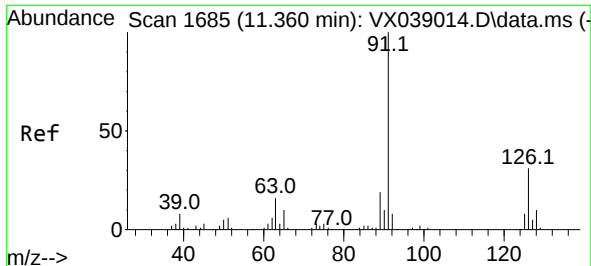
Delta R.T. -0.000 min

Lab File: VX039026.D

Acq: 24 Nov 2023 15:55

Tgt Ion:	91	Resp:	22685
Ion Ratio	Lower	Upper	
91	100		
120	19.7	0.0	43.4





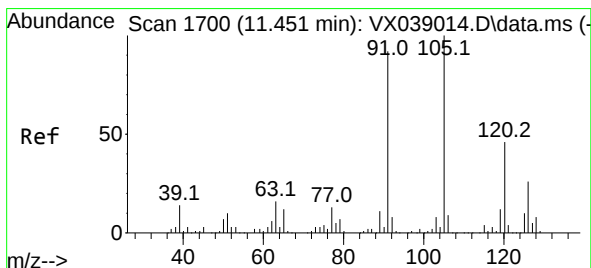
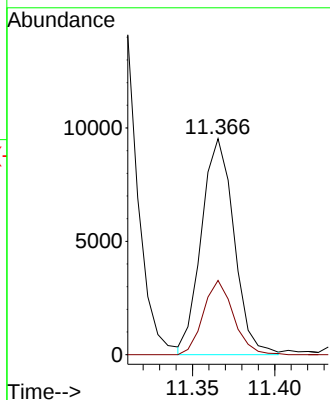
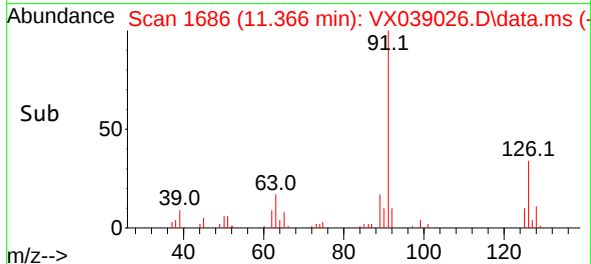
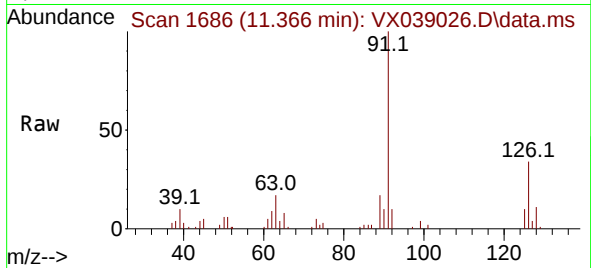
#75
2-Chlorotoluene
Concen: 2.563 ug/l
RT: 11.366 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VX039026.D
Acq: 24 Nov 2023 15:55

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

Tgt Ion: 91 Resp: 1317
Ion Ratio Lower Upper
91 100
126 31.6 0.0 64.2

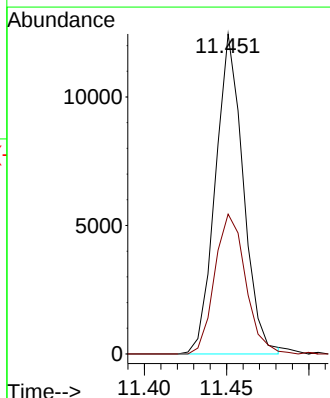
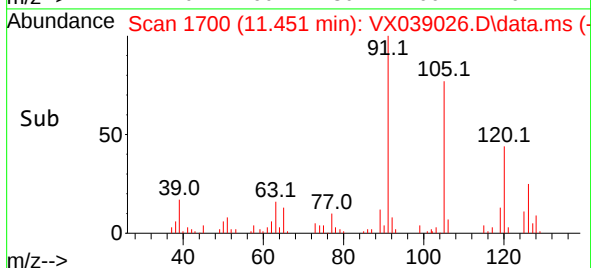
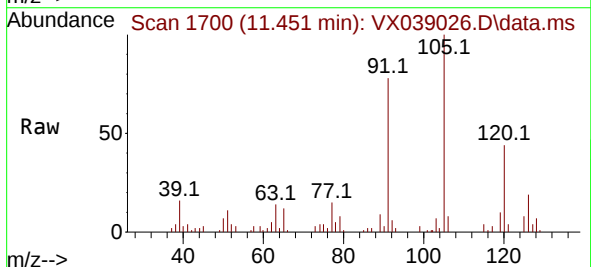
Manual Integrations
APPROVED

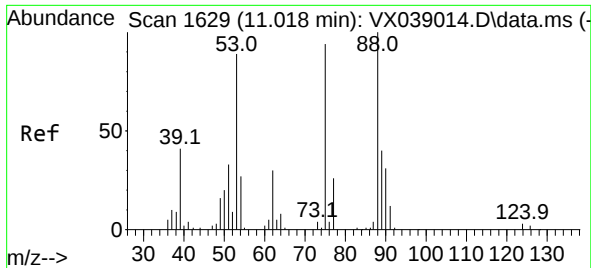
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#76
1,3,5-Trimethylbenzene
Concen: 2.379 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX039026.D
Acq: 24 Nov 2023 15:55

Tgt Ion:105 Resp: 14653
Ion Ratio Lower Upper
105 100
120 48.4 0.0 92.6





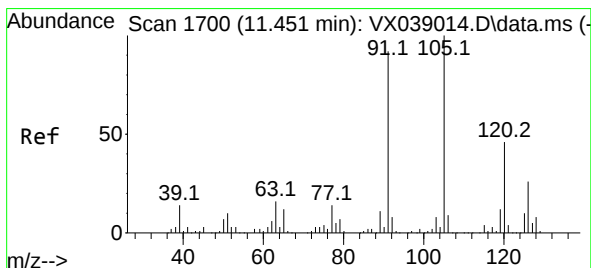
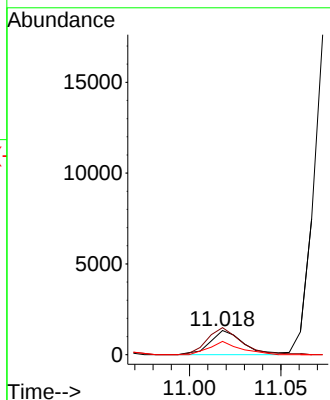
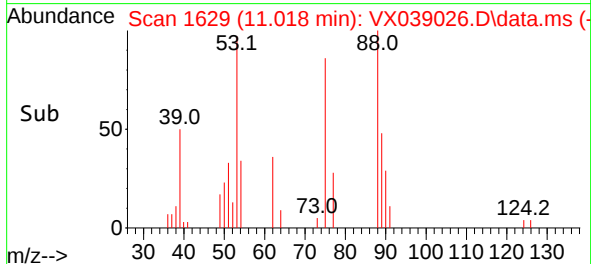
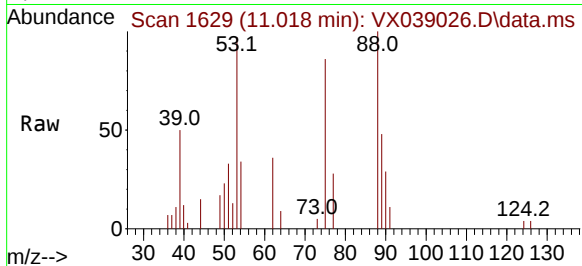
#77
t-1,4-Dichloro-2-butene
Concen: 1.859 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX039026.D
Acq: 24 Nov 2023 15:55

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

Tgt Ion: 75 Resp: 1664
Ion Ratio Lower Upper
75 100
53 112.3 46.9 140.8
89 55.0 21.3 63.7

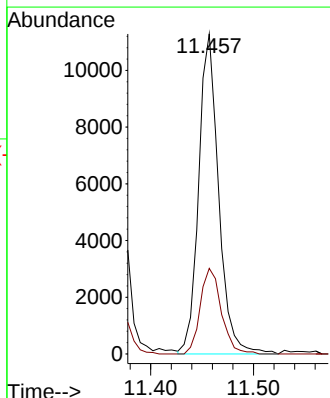
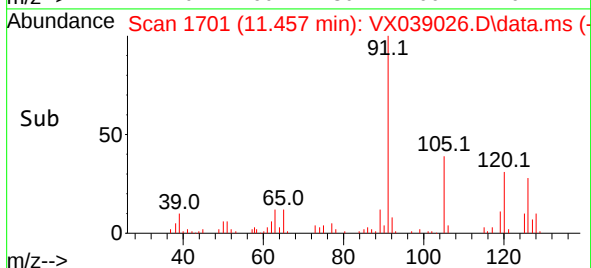
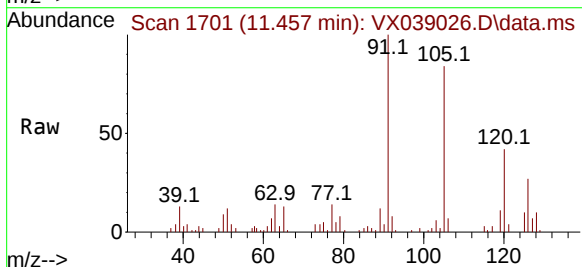
Manual Integrations
APPROVED

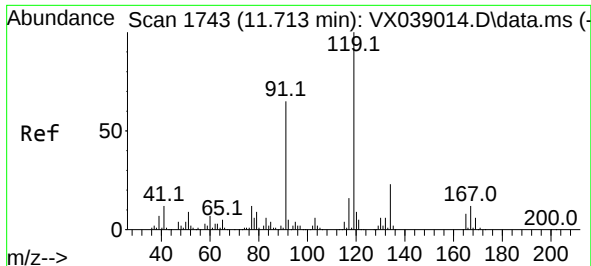
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#78
4-Chlorotoluene
Concen: 2.527 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX039026.D
Acq: 24 Nov 2023 15:55

Tgt Ion: 91 Resp: 15270
Ion Ratio Lower Upper
91 100
126 28.1 0.0 57.4





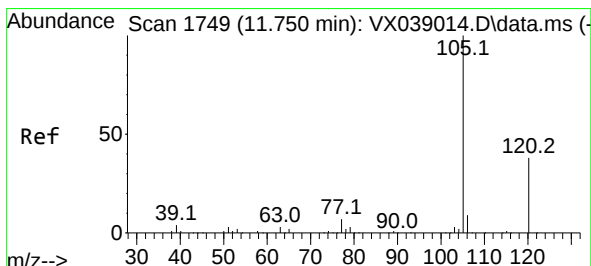
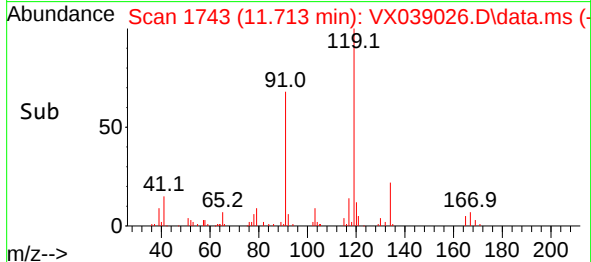
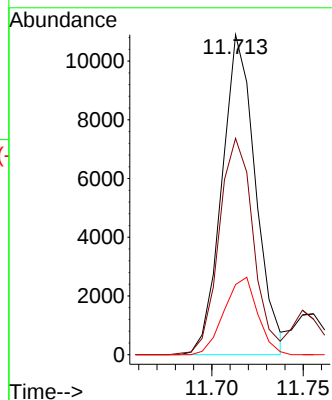
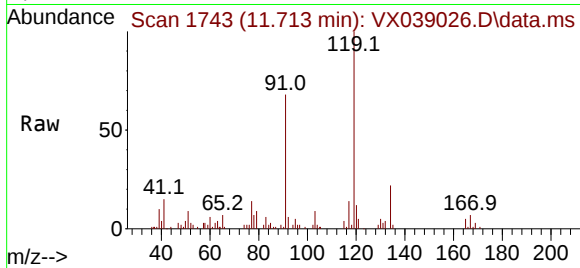
#79
tert-butylbenzene
Concen: 2.385 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX039026.D
Acq: 24 Nov 2023 15:55

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

Tgt Ion:119 Resp: 13970
Ion Ratio Lower Upper
119 100
91 69.2 0.0 125.6
134 24.0 0.0 43.8

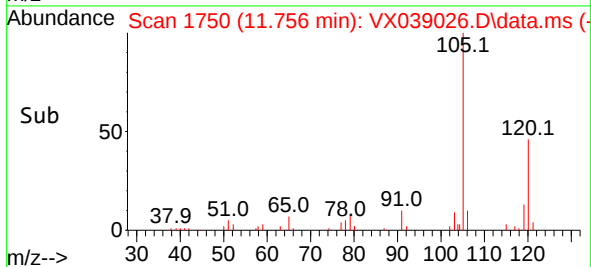
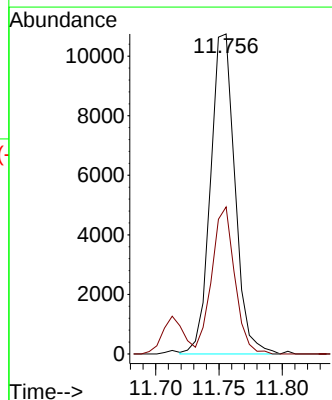
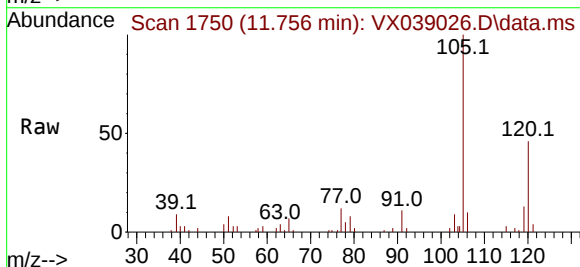
Manual Integrations
APPROVED

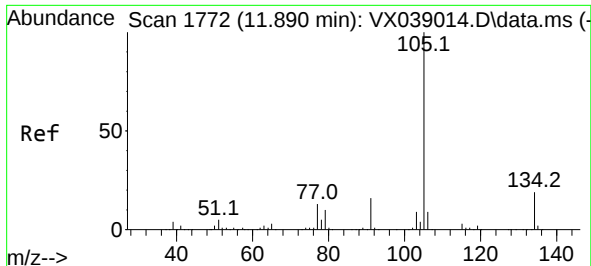
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#80
1,2,4-Trimethylbenzene
Concen: 2.338 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX039026.D
Acq: 24 Nov 2023 15:55

Tgt Ion:105 Resp: 14418
Ion Ratio Lower Upper
105 100
120 43.3 0.0 86.4





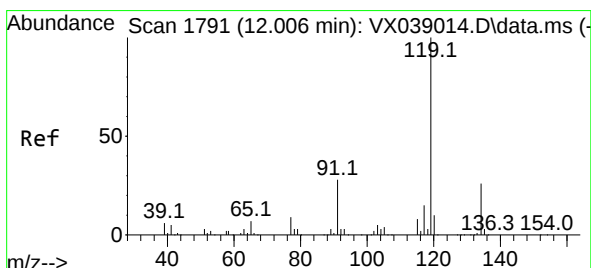
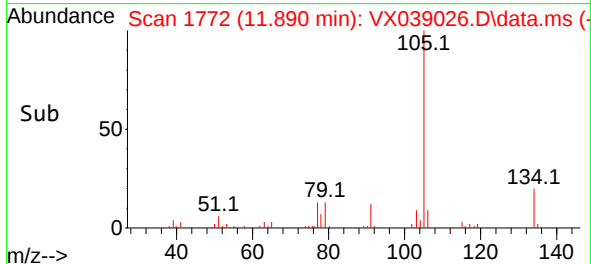
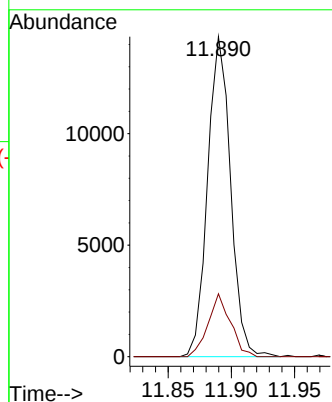
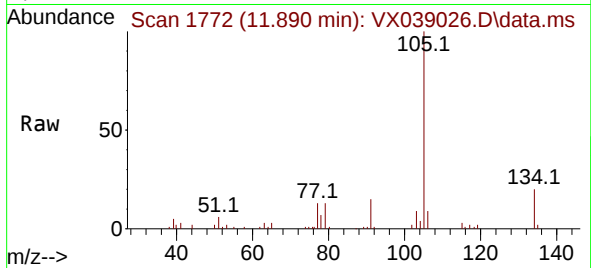
#81
 sec-Butylbenzene
 Concen: 2.446 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX039026.D
 Acq: 24 Nov 2023 15:55

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

Tgt Ion:105 Resp: 1811
 Ion Ratio Lower Upper
 105 100
 134 19.1 0.0 38.4

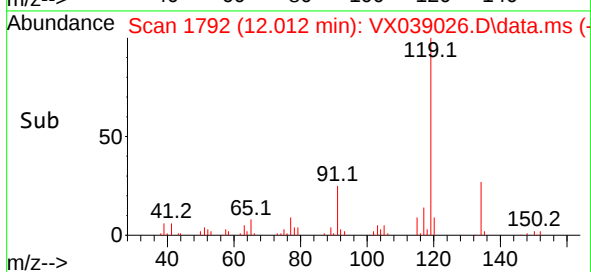
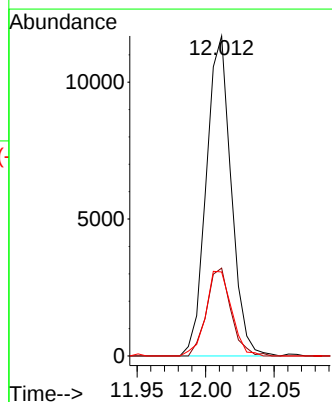
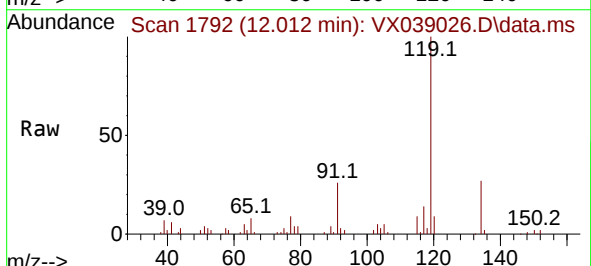
Manual Integrations
 APPROVED

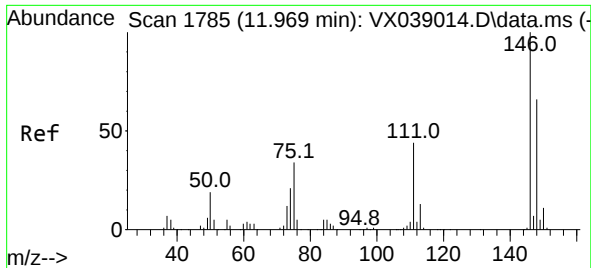
Reviewed By :John Carlone 11/27/2023
 Supervised By :Mahesh Dadoda 11/27/2023



#82
 p-Isopropyltoluene
 Concen: 2.352 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX039026.D
 Acq: 24 Nov 2023 15:55

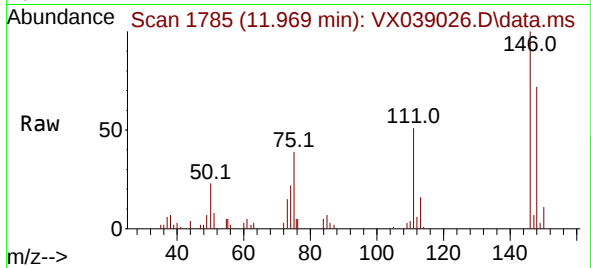
Tgt Ion:119 Resp: 14762
 Ion Ratio Lower Upper
 119 100
 134 26.8 0.0 52.6
 91 27.4 0.0 54.2





#83
1,3-Dichlorobenzene
Concen: 2.425 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX039026.D
Acq: 24 Nov 2023 15:55

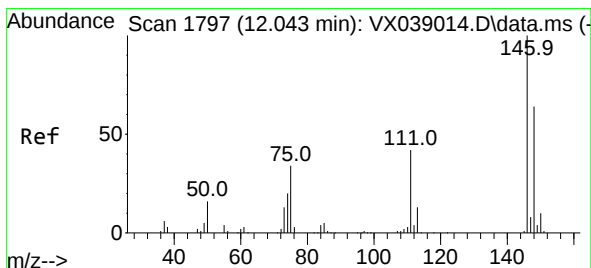
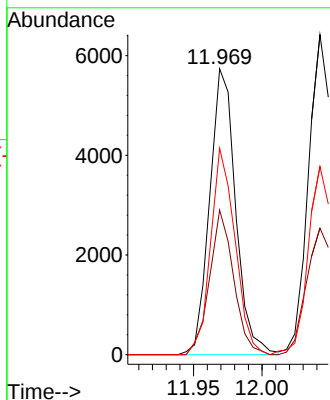
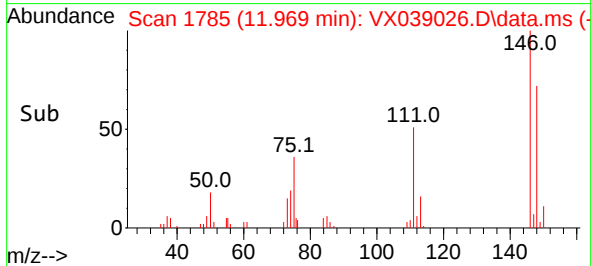
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2023



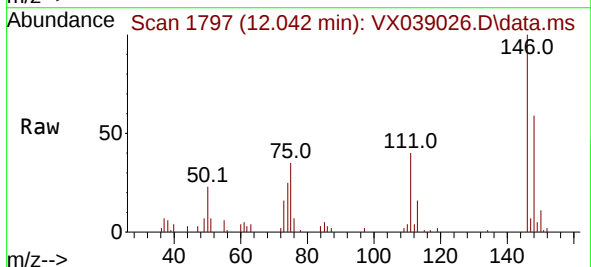
Tgt Ion:146 Resp: 755
Ion Ratio Lower Upper
146 100
111 46.9 22.3 66.9
148 67.7 32.8 98.3

Manual Integrations
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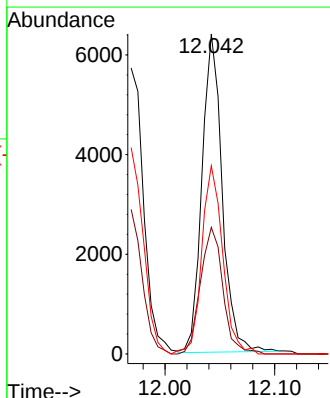
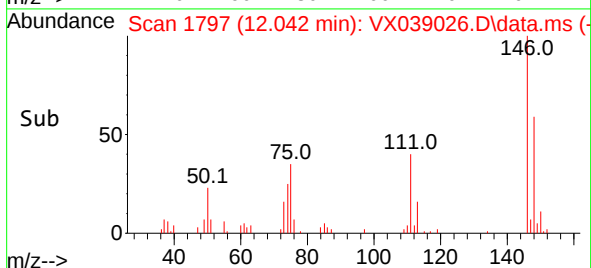
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023

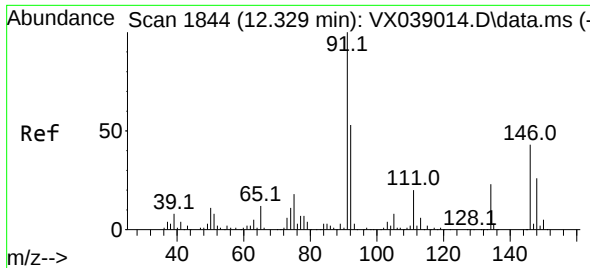


#84
1,4-Dichlorobenzene
Concen: 2.560 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX039026.D
Acq: 24 Nov 2023 15:55



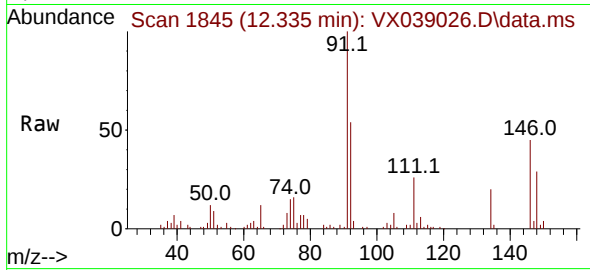
Tgt Ion:146 Resp: 8183
Ion Ratio Lower Upper
146 100
111 44.0 21.4 64.2
148 61.2 31.8 95.4





#85
n-Butylbenzene
Concen: 2.440 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX039026.D
Acq: 24 Nov 2023 15:55

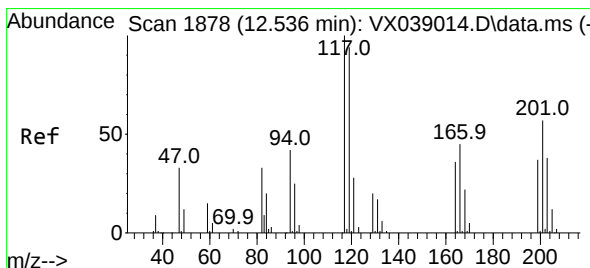
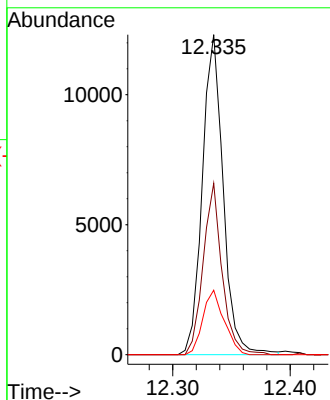
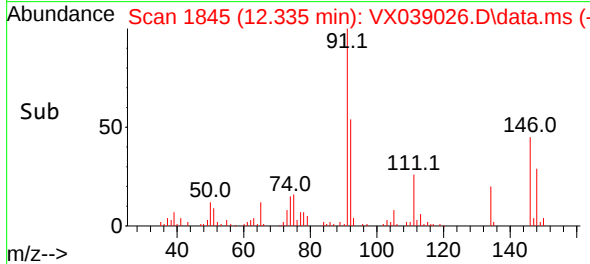
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2023



Tgt Ion: 91 Resp: 15120
Ion Ratio Lower Upper
91 100
92 48.6 0.0 106.2
134 20.6 0.0 48.8

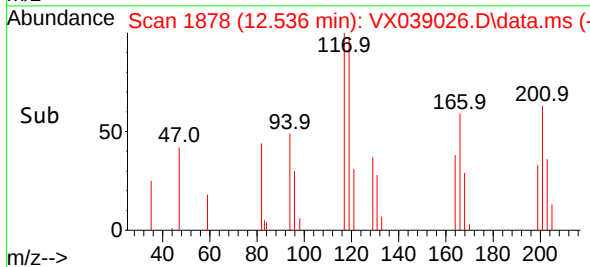
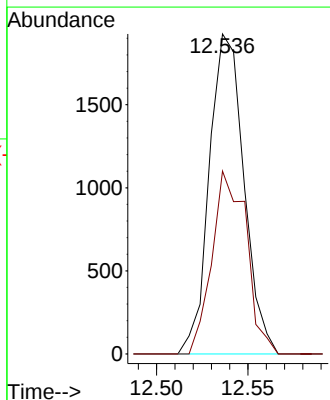
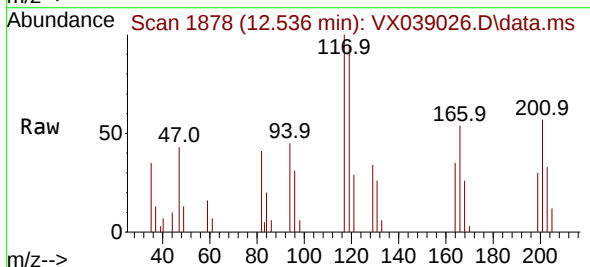
Manual Integrations
APPROVED

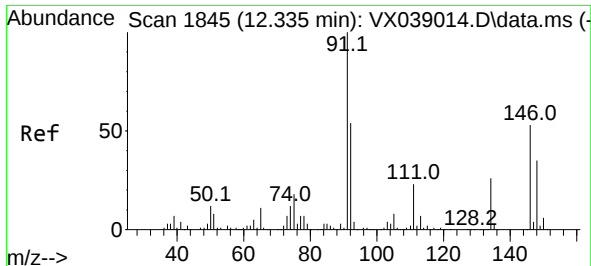
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#86
Hexachloroethane
Concen: 2.132 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX039026.D
Acq: 24 Nov 2023 15:55

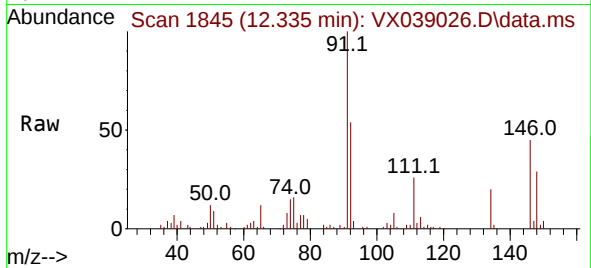
Tgt Ion:117 Resp: 2535
Ion Ratio Lower Upper
117 100
201 56.8 31.8 95.3





#87
1,2-Dichlorobenzene
Concen: 2.463 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX039026.D
Acq: 24 Nov 2023 15:55

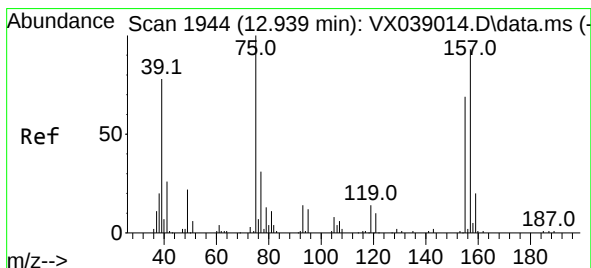
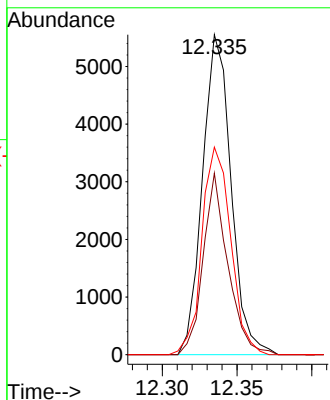
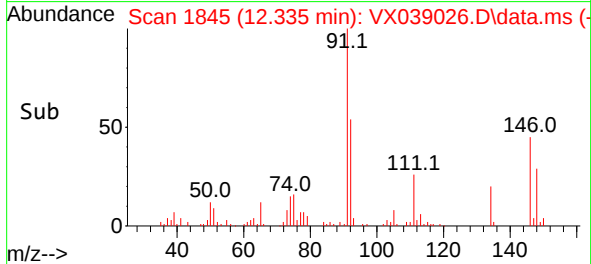
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2023



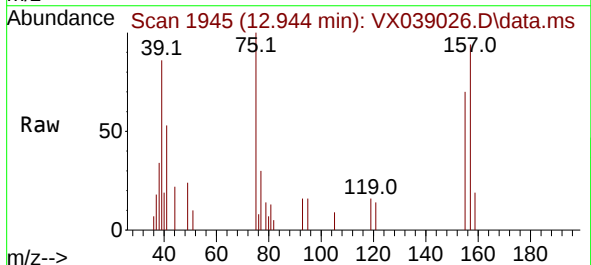
Tgt Ion:146 Resp: 7379
Ion Ratio Lower Upper
146 100
111 49.1 22.4 67.2
148 65.5 31.9 95.7

Manual Integrations
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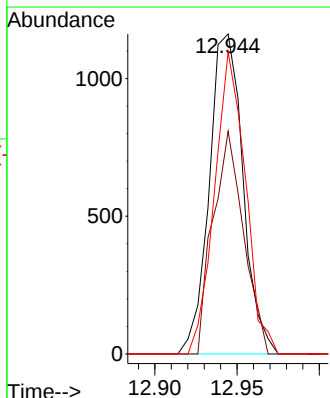
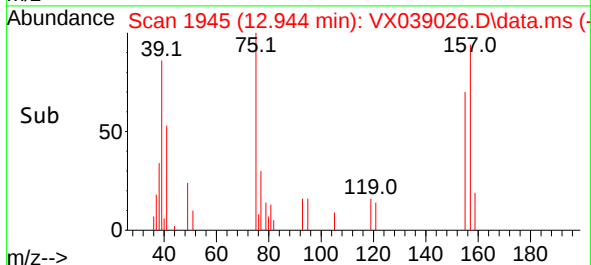
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023

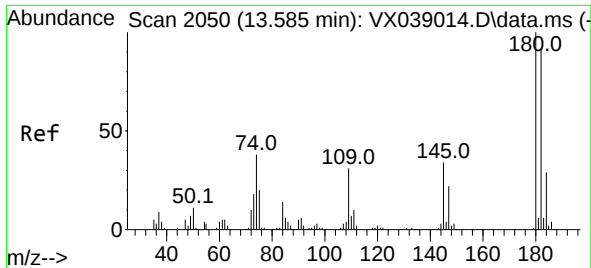


#88
1,2-Dibromo-3-Chloropropane
Concen: 2.426 ug/l
RT: 12.944 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX039026.D
Acq: 24 Nov 2023 15:55



Tgt Ion: 75 Resp: 1656
Ion Ratio Lower Upper
75 100
155 63.3 58.2 87.4
157 86.2 76.5 114.7





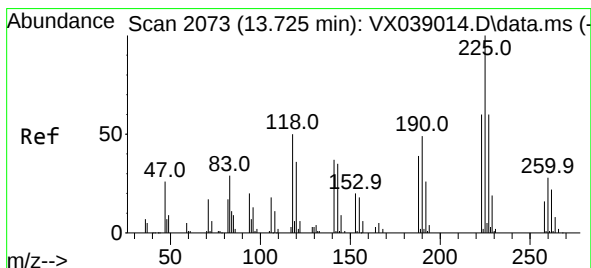
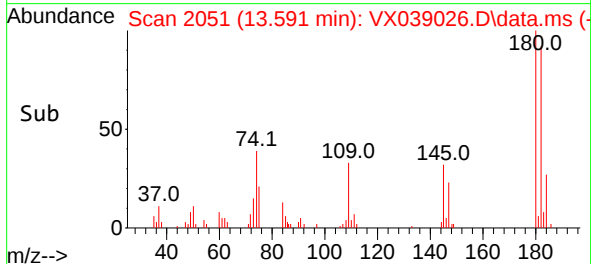
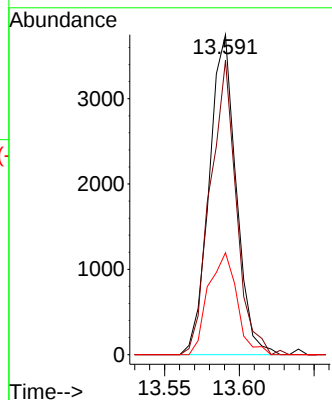
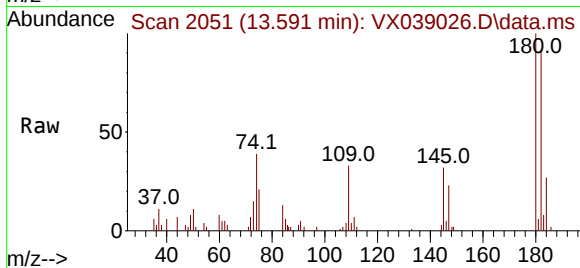
#89
1,2,4-Trichlorobenzene
Concen: 2.365 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX039026.D
Acq: 24 Nov 2023 15:55

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

Tgt Ion:180 Resp: 4698
Ion Ratio Lower Upper
180 100
182 88.8 74.5 111.7
145 33.9 26.6 40.0

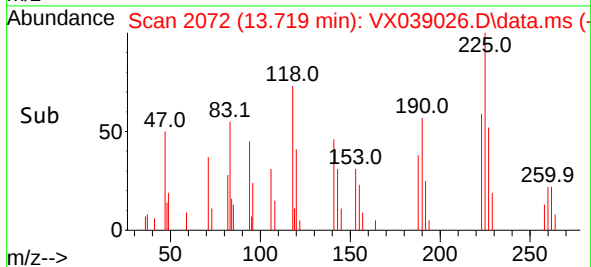
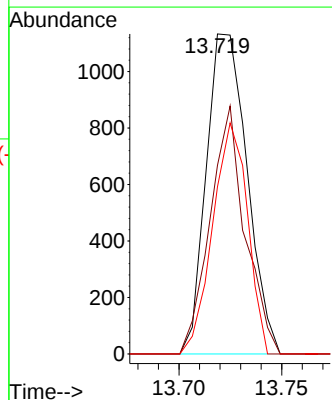
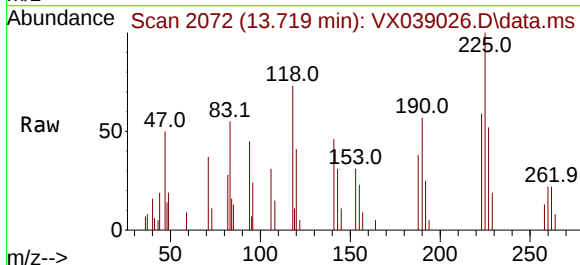
Manual Integrations
APPROVED

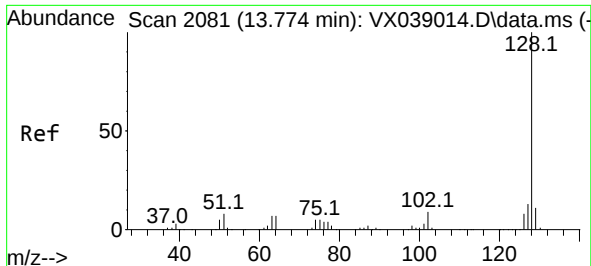
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#90
Hexachlorobutadiene
Concen: 2.209 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX039026.D
Acq: 24 Nov 2023 15:55

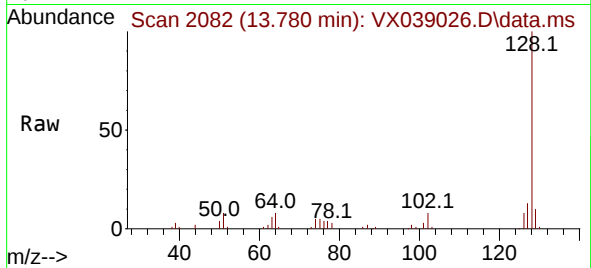
Tgt Ion:225 Resp: 1567
Ion Ratio Lower Upper
225 100
223 66.4 0.0 124.4
227 61.4 0.0 124.4





#91
Naphthalene
Concen: 2.385 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX039026.D
Acq: 24 Nov 2023 15:55

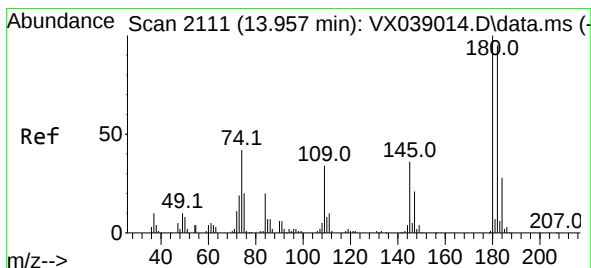
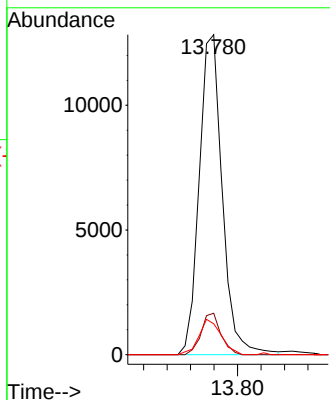
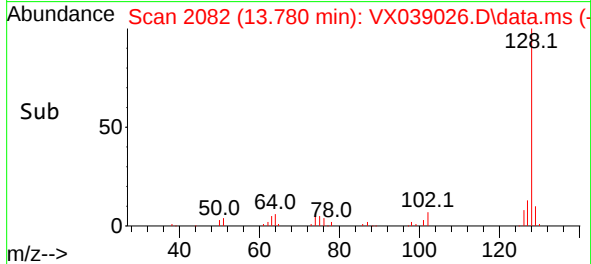
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023



Tgt Ion:128 Resp: 17472
Ion Ratio Lower Upper
128 100
127 11.1 10.2 15.2
129 10.6 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#92
1,2,3-Trichlorobenzene
Concen: 2.363 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX039026.D
Acq: 24 Nov 2023 15:55

Tgt Ion:180 Resp: 4546
Ion Ratio Lower Upper
180 100
182 94.4 0.0 191.6
145 37.9 0.0 69.6

