

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101223\
 Data File : VX038252.D
 Acq On : 12 Oct 2023 13:24
 Operator : JC/MD
 Sample : 04699-07 0.2PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Oct 13 06:38:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 13 06:37:36 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/13/2023
 Supervised By : Mahesh Dadoda 10/13/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	119492	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	208938	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	205487	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	105385	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	97201	50.574	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.140%			
35) Dibromofluoromethane	5.385	113	74098	49.217	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.440%			
50) Toluene-d8	8.647	98	274363	47.690	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 95.380%			
62) 4-Bromofluorobenzene	11.079	95	100863	46.246	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 92.500%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	234	0.203	ug/l #	41
3) Chloromethane	1.294	50	333	0.283	ug/l #	84
4) Vinyl Chloride	1.374	62	307	0.236	ug/l #	64
5) Bromomethane	1.611	94	380	0.214	ug/l #	71
6) Chloroethane	1.691	64	295	0.255	ug/l #	66
7) Trichlorofluoromethane	1.886	101	643	0.250	ug/l	95
8) Diethyl Ether	2.142	74	310	0.323	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.331	101	321	0.286	ug/l #	71
10) Methyl Iodide	2.459	142	399	0.247	ug/l #	70
11) Tert butyl alcohol	2.947	59	1462	3.124	ug/l #	78
13) Acrolein	2.233	56	324	1.186	ug/l #	63
15) Acrylonitrile	3.075	53	850	0.972	ug/l	92
16) Acetone	2.380	43	1258	1.568	ug/l	90
17) Carbon Disulfide	2.508	76	729	0.231	ug/l #	76
18) Methyl Acetate	2.697	43	732	0.213	ug/l	96
20) Methylene Chloride	2.794	84	671	0.445	ug/l #	80
21) trans-1,2-Dichloroethene	3.099	96	327	0.242	ug/l #	45
23) Vinyl Acetate	3.739	43	2286	0.761	ug/l	100
25) 2-Butanone	4.580	43	1205m	0.931	ug/l	
29) Tetrahydrofuran	5.032	42	641	0.761	ug/l #	64
31) Cyclohexane	5.464	56	472m	0.227	ug/l	
36) 1,1-Dichloropropene	5.708	75	458	0.221	ug/l #	42
39) Methylcyclohexane	7.385	83	504	0.207	ug/l #	81
42) 1,2-Dichloroethane	6.092	62	531	0.229	ug/l #	77
44) Trichloroethene	7.123	130	408	0.269	ug/l	75
51) 4-Methyl-2-Pentanone	8.580	43	1962	0.773	ug/l	98
52) Toluene	8.720	92	771	0.204	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	331	0.205	ug/l #	77
58) 2-Chloroethyl Vinyl ether	8.257	63	801	0.658	ug/l	97
59) 2-Hexanone	9.439	43	1500	0.735	ug/l	92
65) Chlorobenzene	10.079	112	866	0.201	ug/l #	83
68) m/p-Xylenes	10.305	106	1047	0.353	ug/l	93
76) 1,2,3-Trichloropropane	11.244	75	659m	0.275	ug/l	
77) Bromobenzene	11.207	156	464	0.269	ug/l	69
82) 4-Chlorotoluene	11.457	91	1295	0.214	ug/l	89
86) p-Isopropyltoluene	12.012	119	1277	0.201	ug/l #	72

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
87) 1,3-Dichlorobenzene	11.975	146	764	0.220	ug/l	92
88) 1,4-Dichlorobenzene	12.036	146	945m	0.267	ug/l	
89) n-Butylbenzene	12.335	91	1422	0.224	ug/l	84
91) 1,2-Dichlorobenzene	12.335	146	757	0.227	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	628	0.281	ug/l	92
94) Hexachlorobutadiene	13.731	225	191	0.212	ug/l	74
95) Naphthalene	13.780	128	1566	0.201	ug/l #	89
96) 1,2,3-Trichlorobenzene	13.963	180	459	0.212	ug/l	76

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

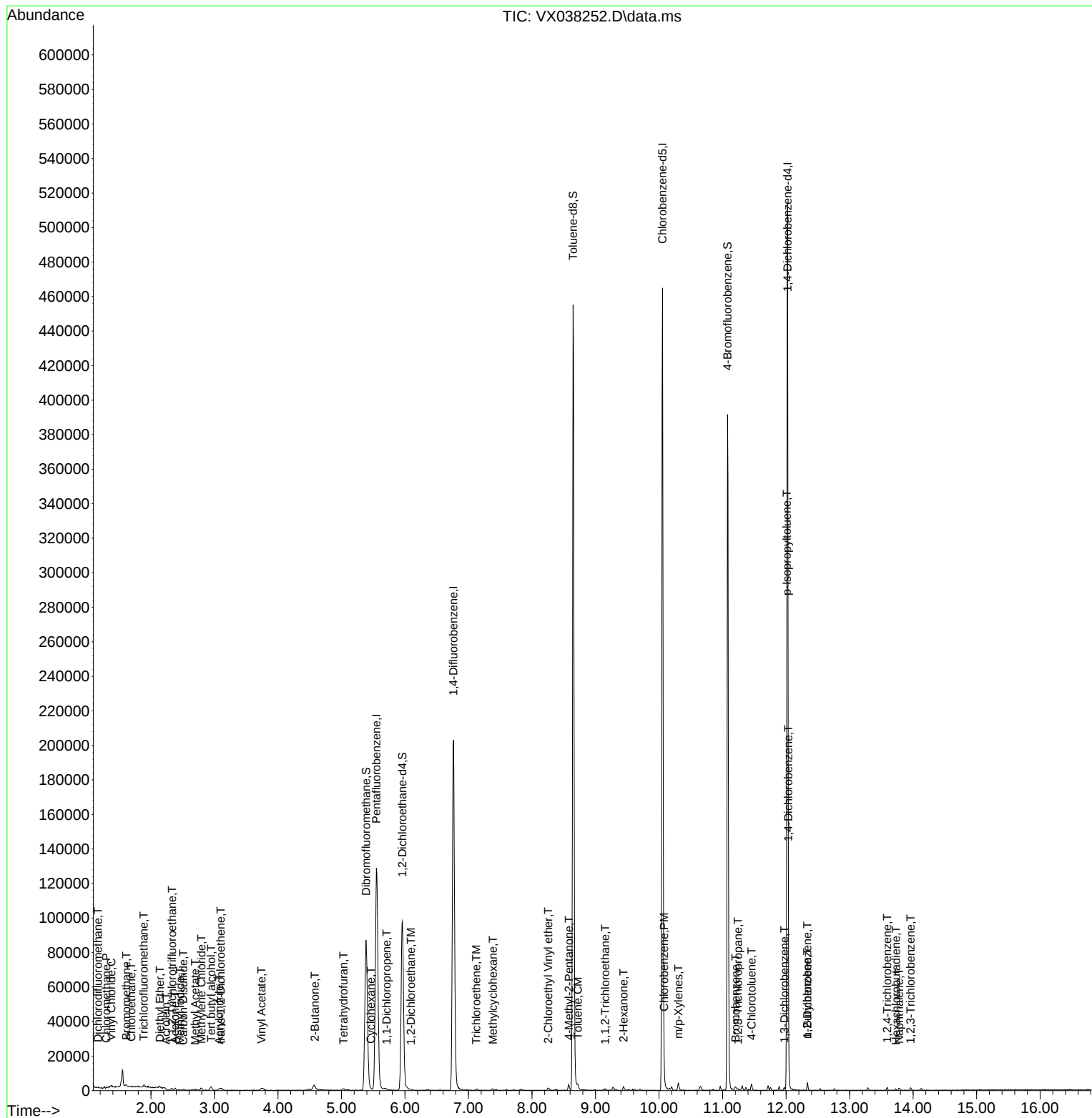
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101223\
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Operator : JC/MD
Sample : 04699-07 0.2PPB
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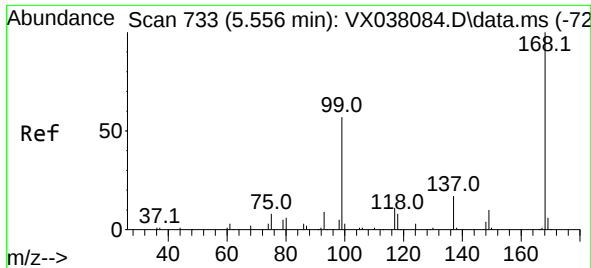
Instrument :
MSVOA_X
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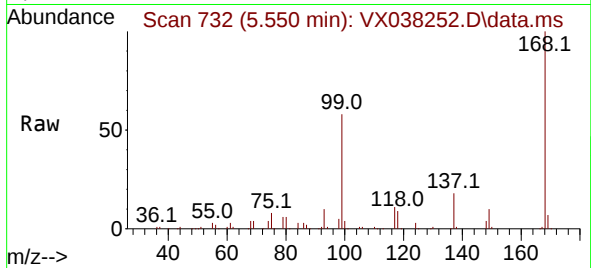
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038252.D
Acq: 12 Oct 2023 13:24

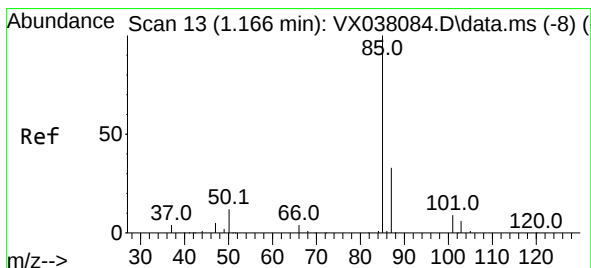
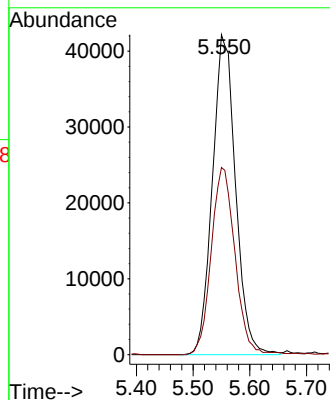
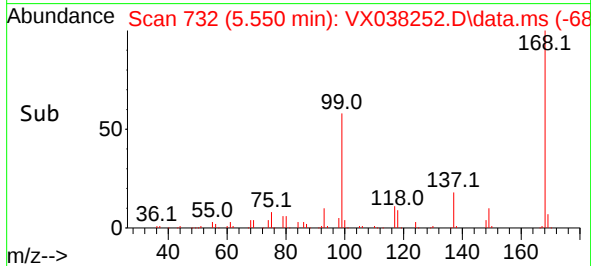
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2023



Tgt Ion:168 Resp: 119492
Ion Ratio Lower Upper
168 100
99 58.5 56.6 85.0

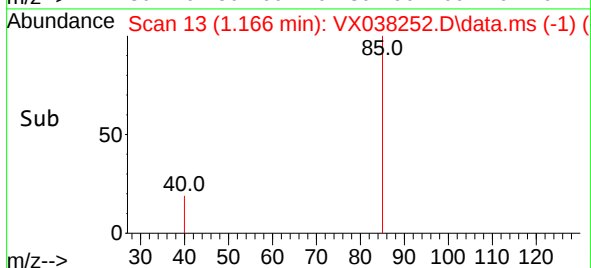
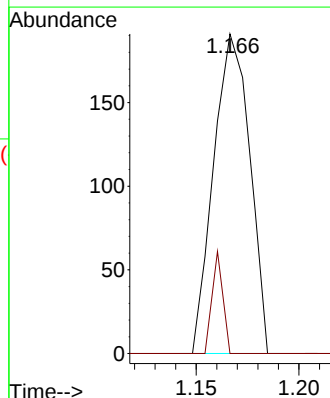
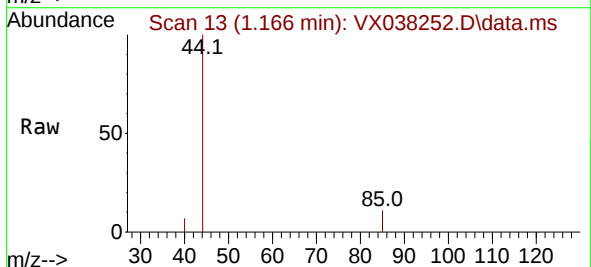
Manual Integrations
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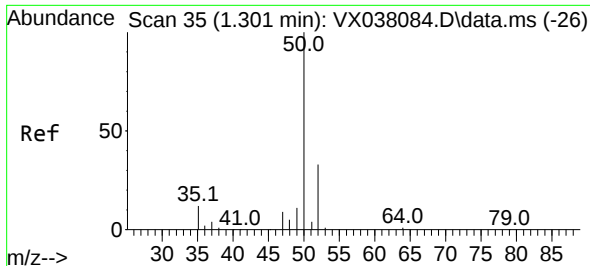
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#2
Dichlorodifluoromethane
Concen: 0.203 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX038252.D
Acq: 12 Oct 2023 13:24

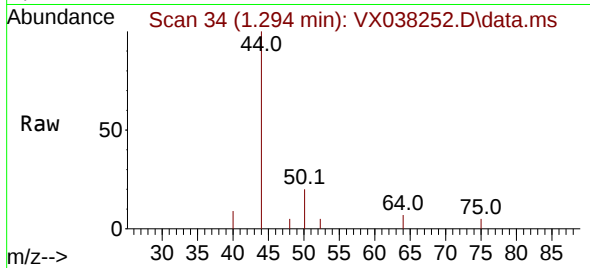
Tgt Ion: 85 Resp: 234
Ion Ratio Lower Upper
85 100
87 0.0 16.7 50.1#





#3
Chloromethane
Concen: 0.283 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.007 min
Lab File: VX038252.D
Acq: 12 Oct 2023 13:24

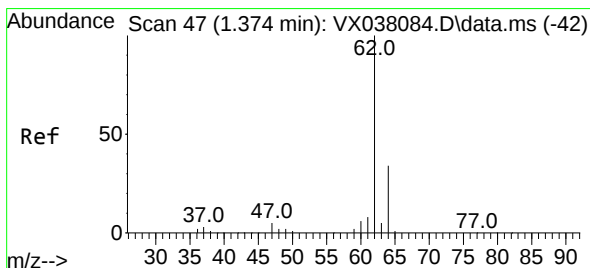
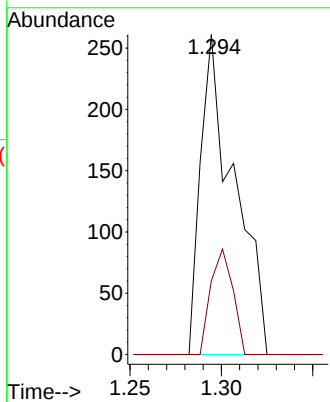
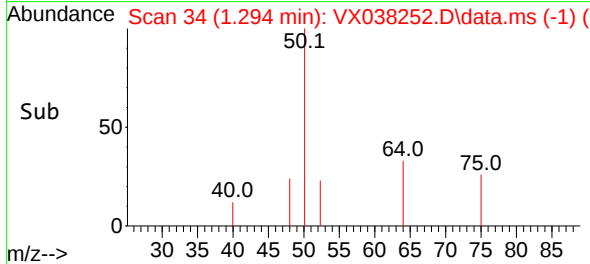
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023



Tgt Ion: 50 Resp: 33
Ion Ratio Lower Upper
50 100
52 23.0 25.5 38.3

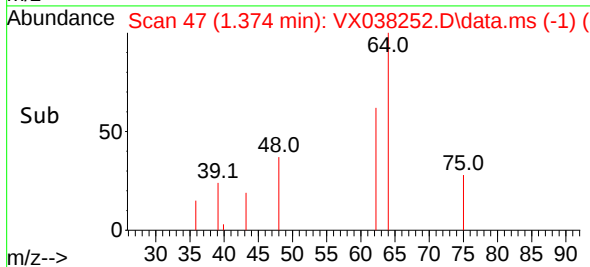
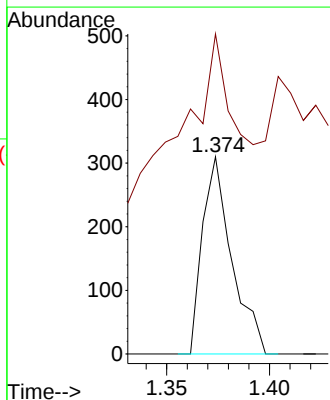
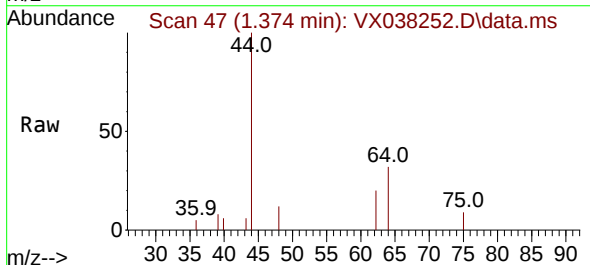
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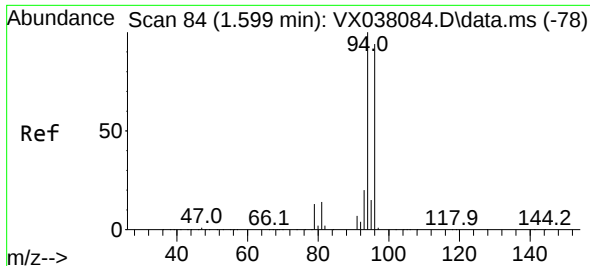
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#4
Vinyl Chloride
Concen: 0.236 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX038252.D
Acq: 12 Oct 2023 13:24

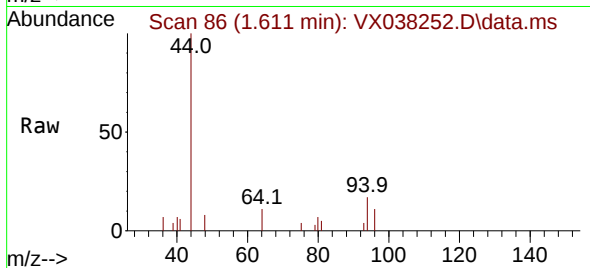
Tgt Ion: 62 Resp: 307
Ion Ratio Lower Upper
62 100
64 51.9 25.4 38.0





#5
Bromomethane
Concen: 0.214 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX038252.D
Acq: 12 Oct 2023 13:24

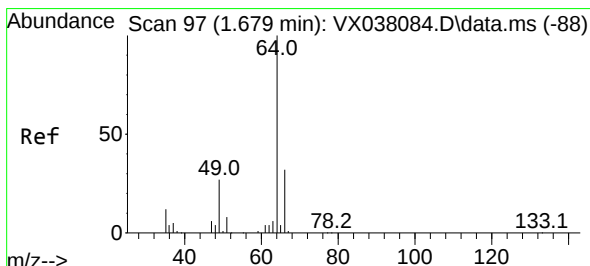
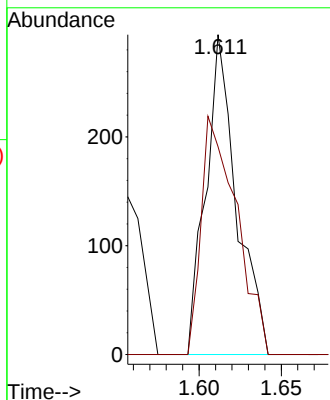
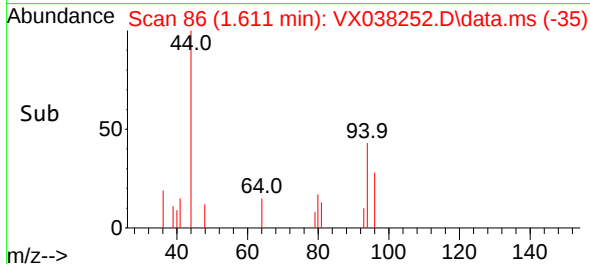
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023



Tgt Ion: 94 Resp: 380
Ion Ratio Lower Upper
94 100
96 65.0 74.6 111.8

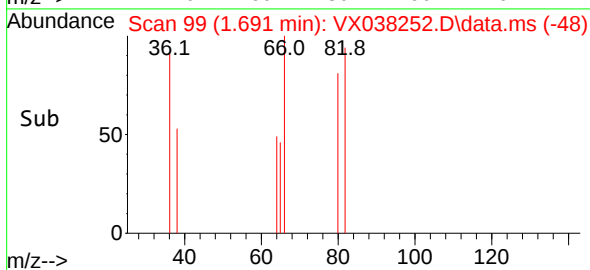
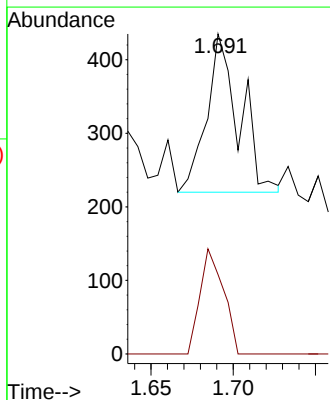
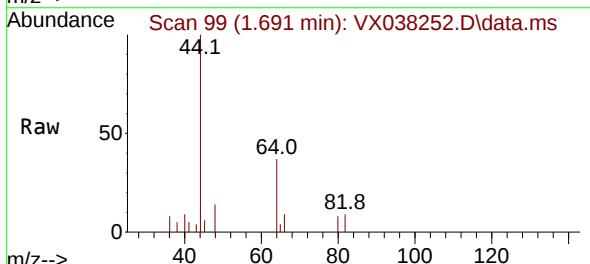
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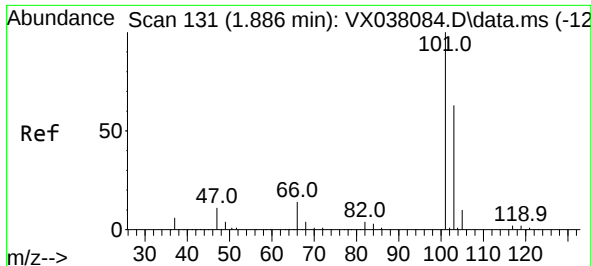
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#6
Chloroethane
Concen: 0.255 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.012 min
Lab File: VX038252.D
Acq: 12 Oct 2023 13:24

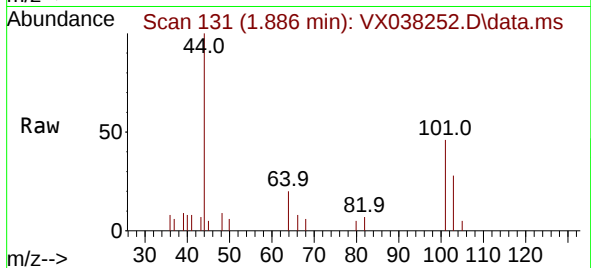
Tgt Ion: 64 Resp: 295
Ion Ratio Lower Upper
64 100
66 50.2 25.1 37.7





#7
Trichlorofluoromethane
Concen: 0.250 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038252.D
Acq: 12 Oct 2023 13:24

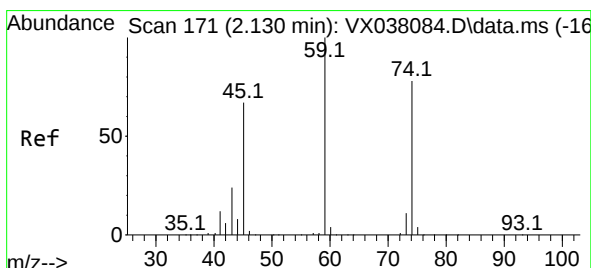
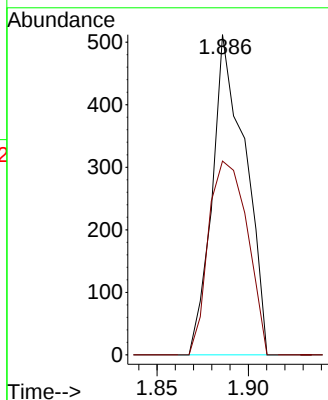
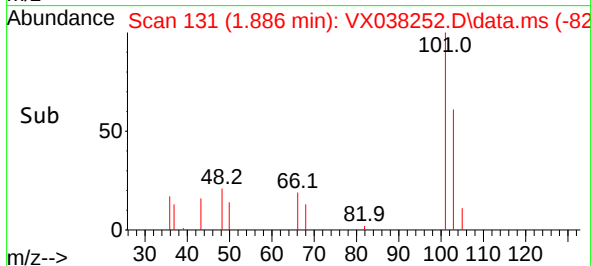
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023



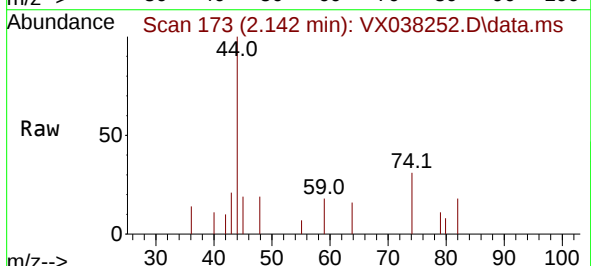
Tgt Ion:101 Resp: 64
Ion Ratio Lower Upper
101 100
103 60.5 51.4 77.2

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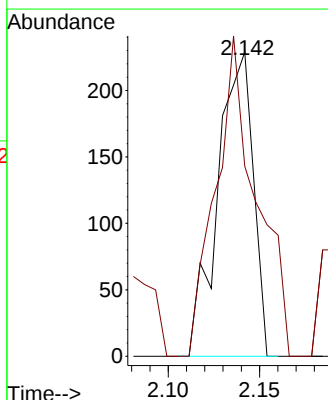
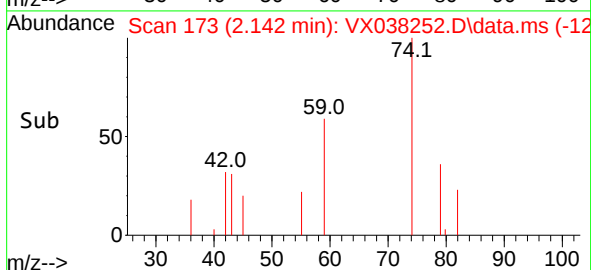
Reviewed By :John Carlone 10/13/2023
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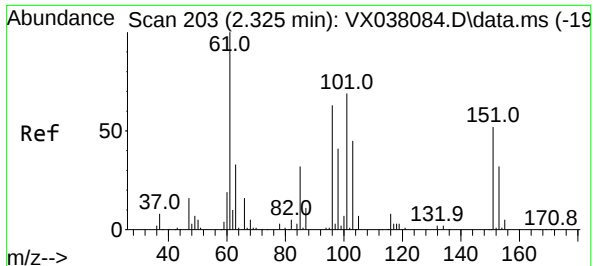


#8
Diethyl Ether
Concen: 0.323 ug/l
RT: 2.142 min Scan# 173
Delta R.T. 0.012 min
Lab File: VX038252.D
Acq: 12 Oct 2023 13:24



Tgt Ion: 74 Resp: 310
Ion Ratio Lower Upper
74 100
45 120.0 53.3 159.8





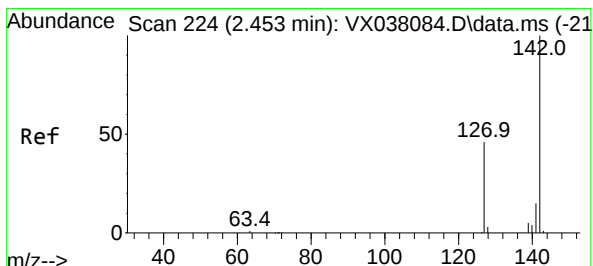
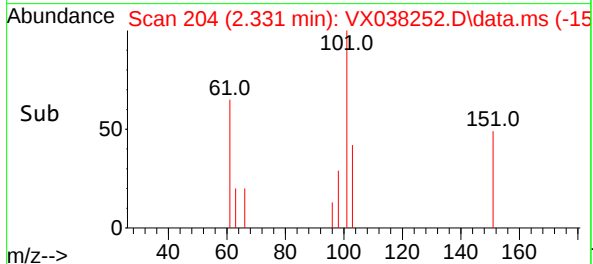
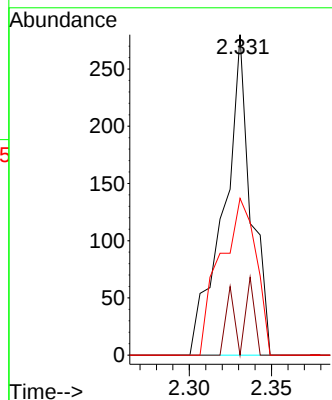
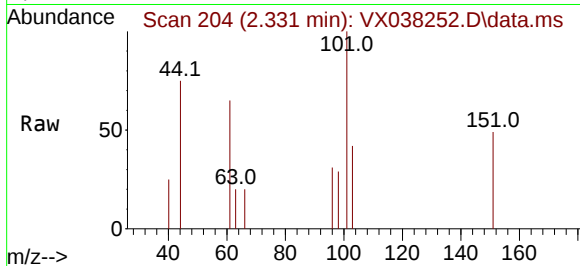
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1,1,2-Trichlorotrifluoroethane
Concen: 0.286 ug/l
RT: 2.331 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX038252.D
Acq: 12 Oct 2023 13:24

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

Tgt Ion:101 Resp: 321
Ion Ratio Lower Upper
101 100
85 6.9 37.0 55.6#
151 64.8 58.6 87.8

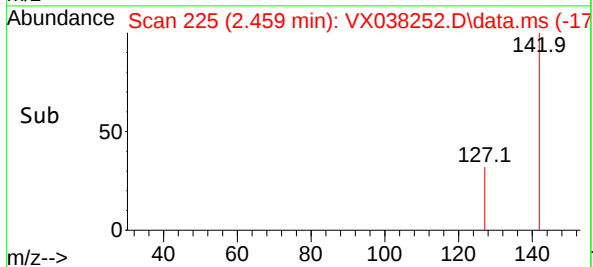
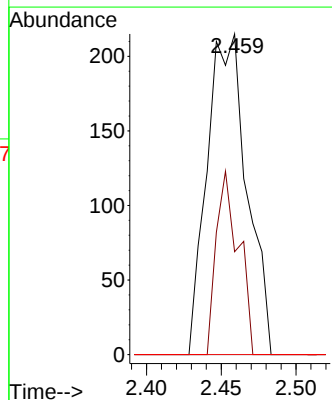
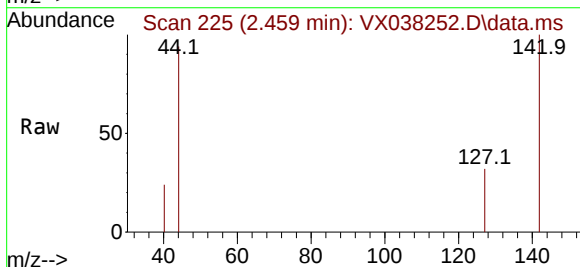
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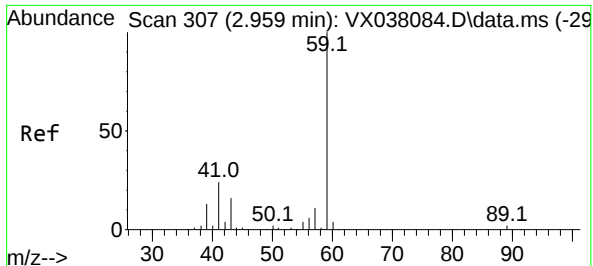
Reviewed By :John Carbone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#10
Methyl Iodide
Concen: 0.247 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX038252.D
Acq: 12 Oct 2023 13:24

Tgt Ion:142 Resp: 399
Ion Ratio Lower Upper
142 100
127 32.1 41.6 62.4#
141 0.0 11.6 17.4#





#11

Tert butyl alcohol

Concen: 3.124 ug/l

RT: 2.947 min Scan# 307

Delta R.T. -0.012 min

Lab File: VX038252.D

Acq: 12 Oct 2023 13:24

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

Tgt Ion: 59 Resp: 1462

Ion Ratio Lower Upper

59 100

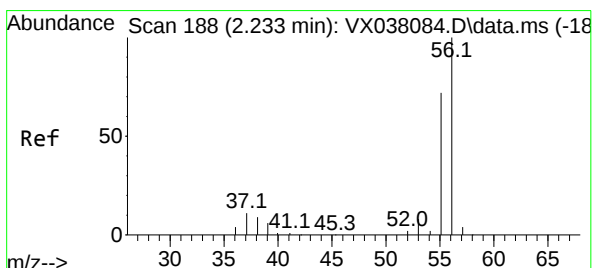
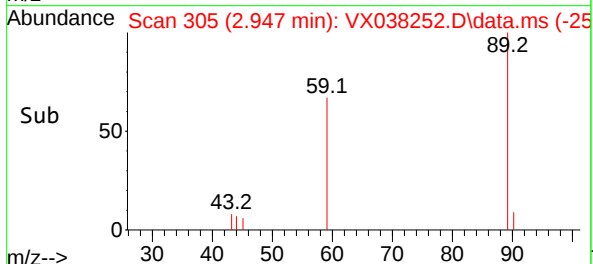
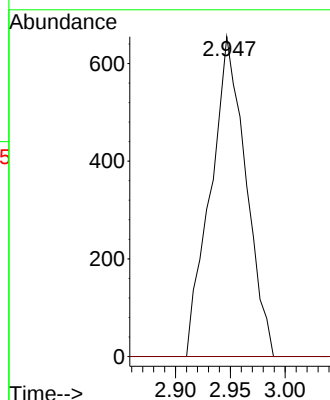
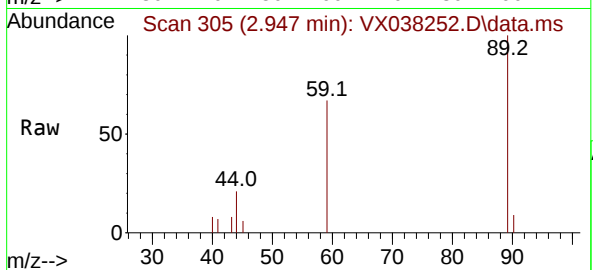
57 0.0 6.0 9.0

Manual Integrations

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Reviewed By :John Carlone 10/13/2023

Supervised By :Mahesh Dadoda 10/13/2023



#13

Acrolein

Concen: 1.186 ug/l

RT: 2.233 min Scan# 188

Delta R.T. 0.000 min

Lab File: VX038252.D

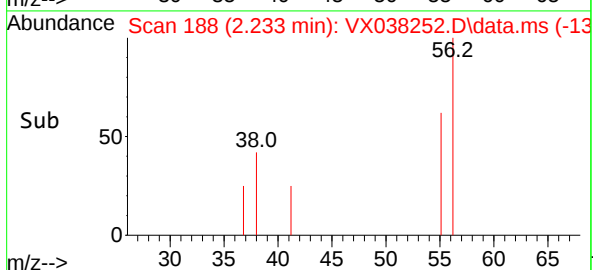
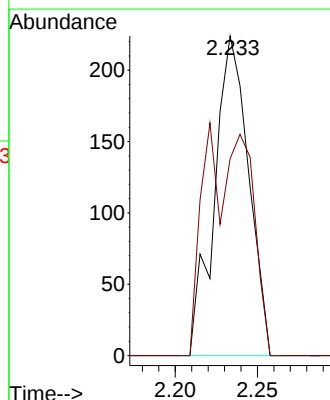
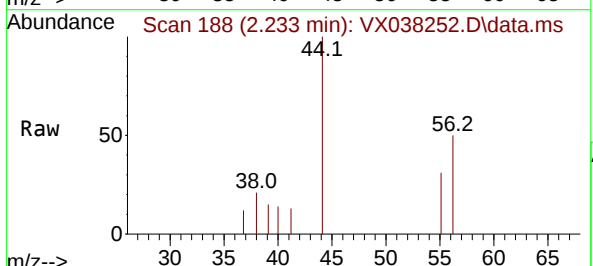
Acq: 12 Oct 2023 13:24

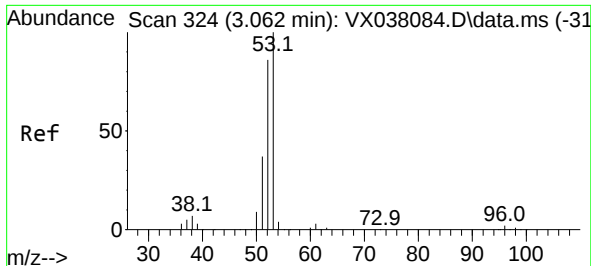
Tgt Ion: 56 Resp: 324

Ion Ratio Lower Upper

56 100

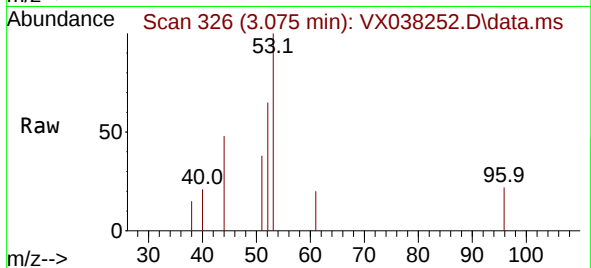
55 41.0 57.1 85.7





#15
Acrylonitrile
Concen: 0.972 ug/l
RT: 3.075 min Scan# 31
Delta R.T. 0.013 min
Lab File: VX038252.D
Acq: 12 Oct 2023 13:24

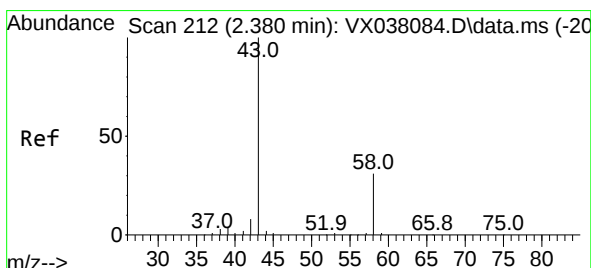
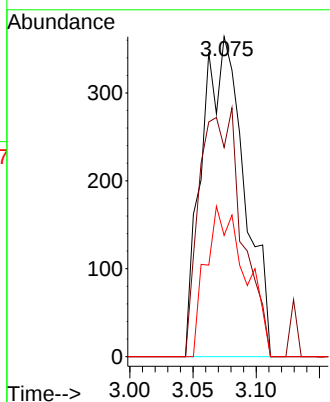
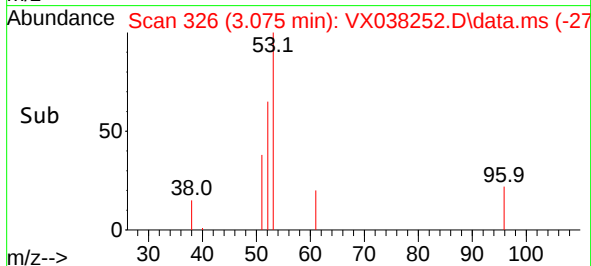
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023



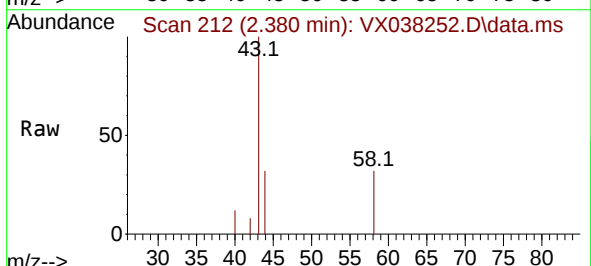
Tgt Ion: 53 Resp: 850
Ion Ratio Lower Upper
53 100
52 77.1 66.0 99.0
51 43.8 29.8 44.6

Manual Integrations
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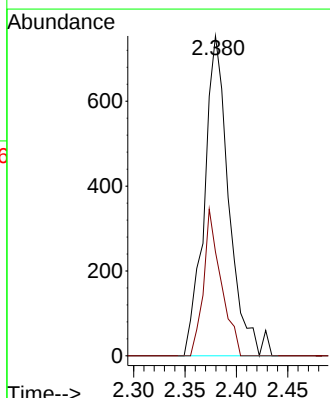
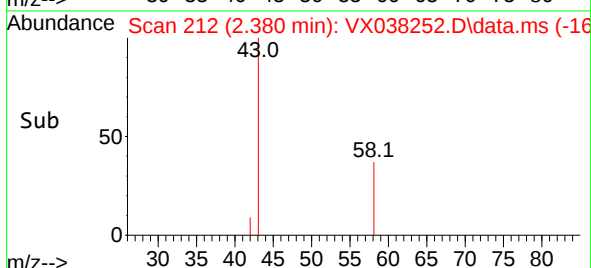
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023

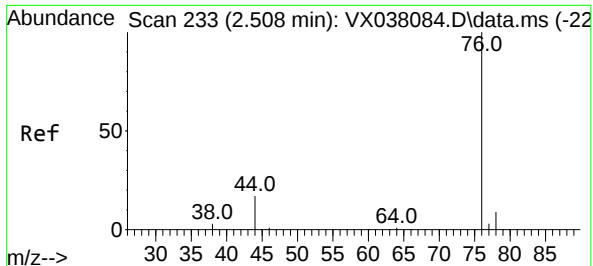


#16
Acetone
Concen: 1.568 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038252.D
Acq: 12 Oct 2023 13:24



Tgt Ion: 43 Resp: 1258
Ion Ratio Lower Upper
43 100
58 32.5 21.9 32.9





#17

Carbon Disulfide

Concen: 0.231 ug/l

RT: 2.508 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX038252.D

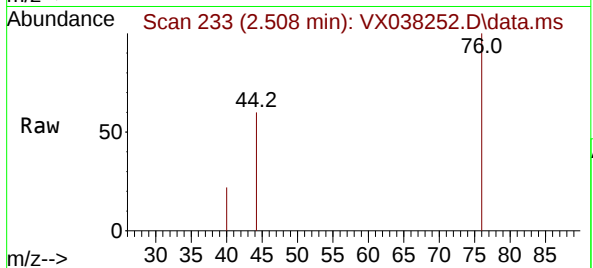
Acq: 12 Oct 2023 13:24

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023



Tgt Ion: 76 Resp: 729

Ion Ratio Lower Upper

76 100

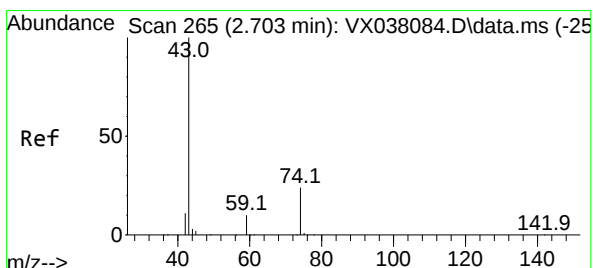
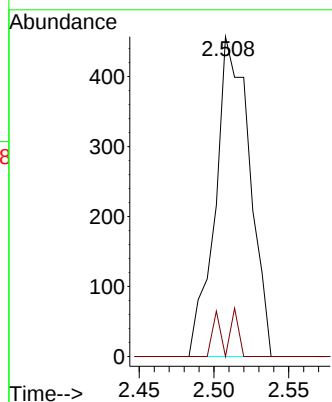
78 0.0 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2023

Supervised By :Mahesh Dadoda 10/13/2023



#18

Methyl Acetate

Concen: 0.213 ug/l

RT: 2.697 min Scan# 264

Delta R.T. -0.006 min

Lab File: VX038252.D

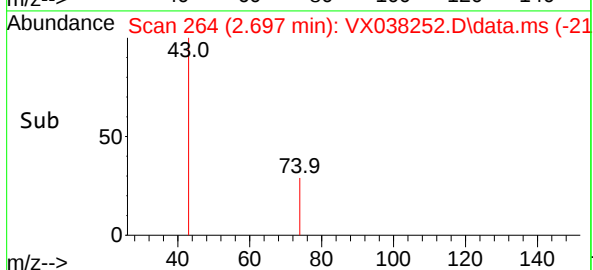
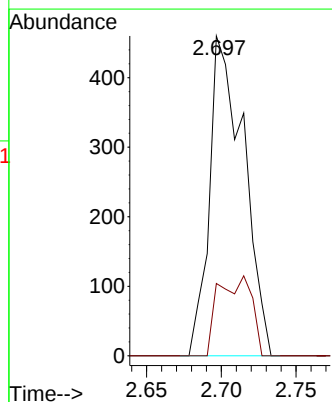
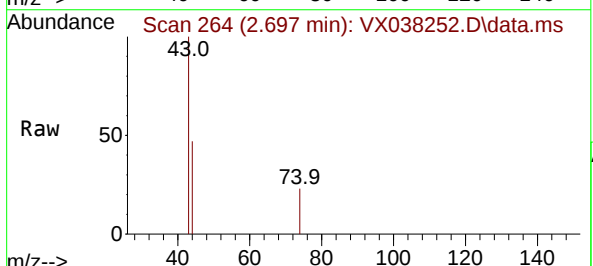
Acq: 12 Oct 2023 13:24

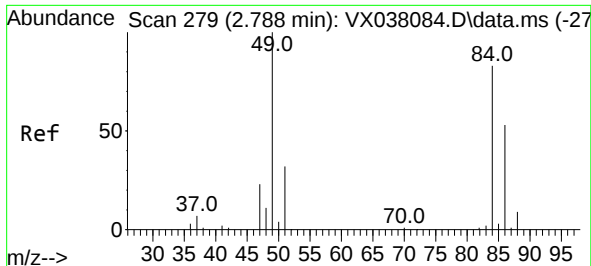
Tgt Ion: 43 Resp: 732

Ion Ratio Lower Upper

43 100

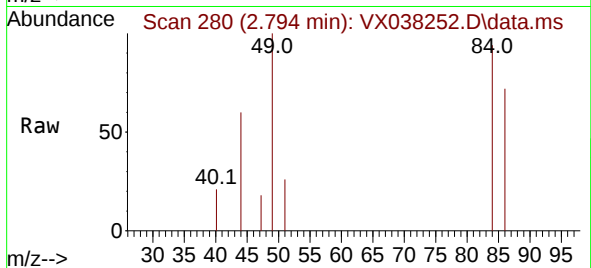
74 24.3 17.8 26.8





#20
Methylene Chloride
Concen: 0.445 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX038252.D
Acq: 12 Oct 2023 13:24

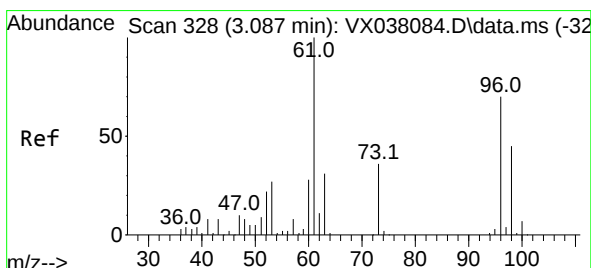
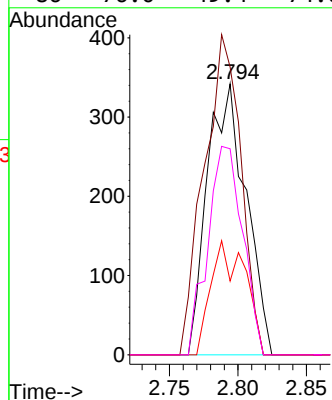
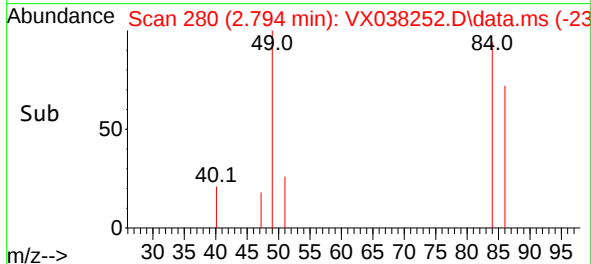
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023



Tgt Ion: 84 Resp: 67
Ion Ratio Lower Upper
84 100
49 106.1 103.6 155.4
51 27.2 33.8 50.6
86 76.0 49.4 74.0#

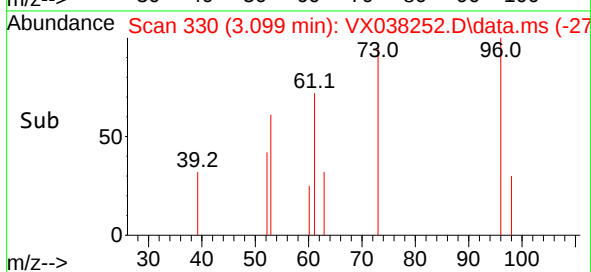
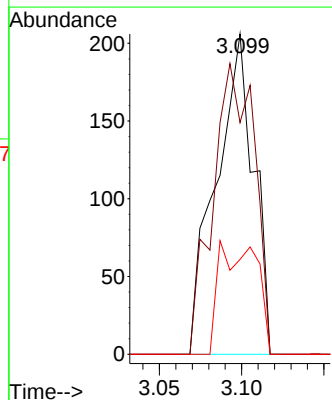
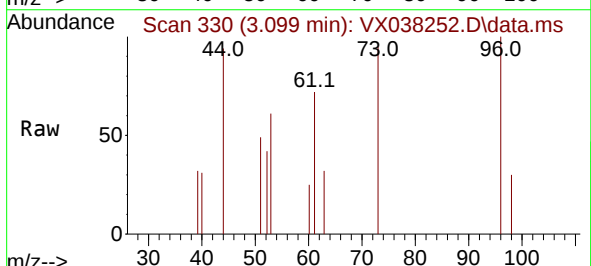
Manual Integrations
APPROVED

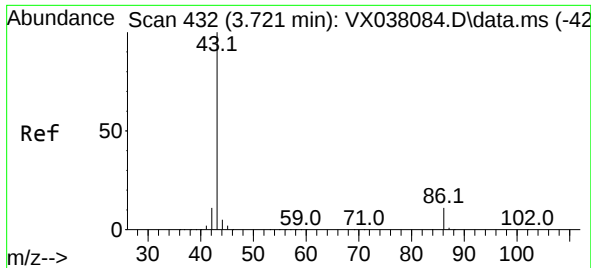
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#21
trans-1,2-Dichloroethene
Concen: 0.242 ug/l
RT: 3.099 min Scan# 330
Delta R.T. 0.012 min
Lab File: VX038252.D
Acq: 12 Oct 2023 13:24

Tgt Ion: 96 Resp: 327
Ion Ratio Lower Upper
96 100
61 72.3 119.2 178.8#
98 29.6 48.7 73.1#





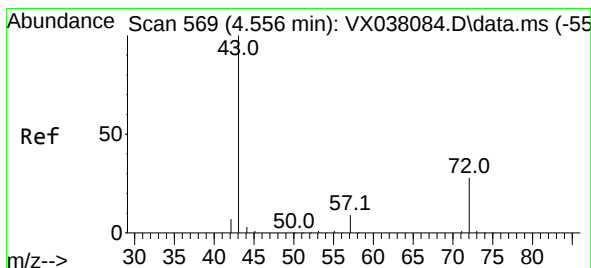
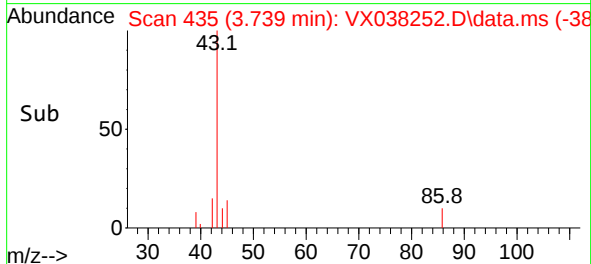
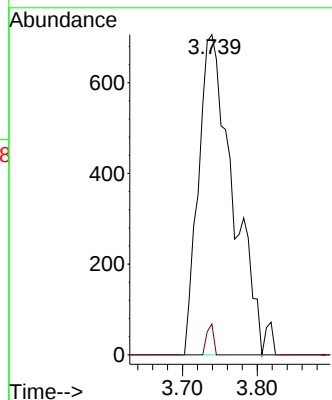
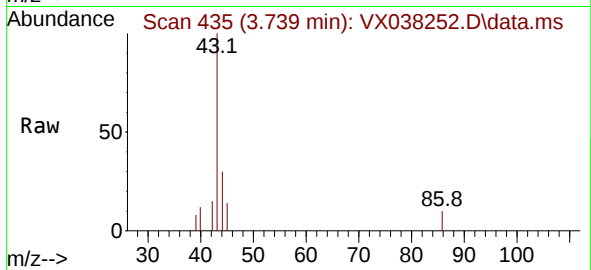
#23
 Vinyl Acetate
 Concen: 0.761 ug/l
 RT: 3.739 min Scan# 41
 Delta R.T. 0.018 min
 Lab File: VX038252.D
 Acq: 12 Oct 2023 13:24

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

Tgt Ion: 43 Resp: 2280
 Ion Ratio Lower Upper
 43 100
 86 9.6 7.8 11.8

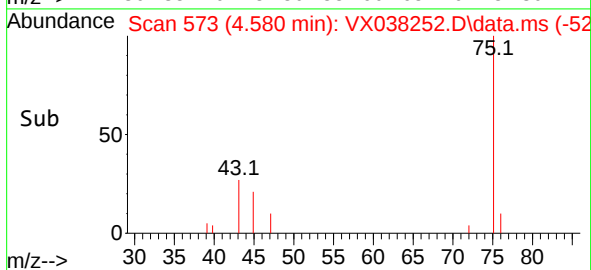
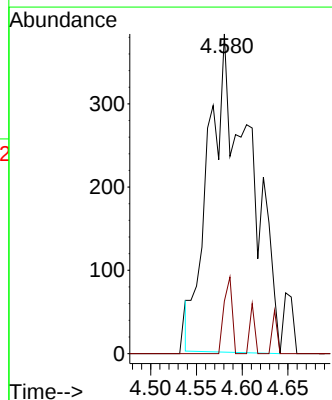
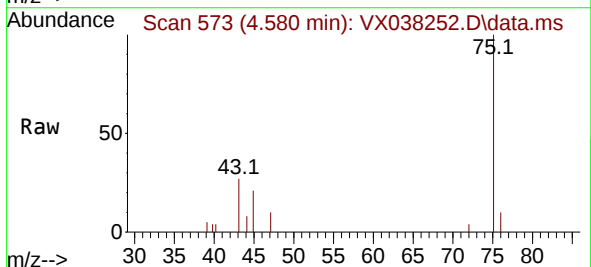
Manual Integrations
 APPROVED

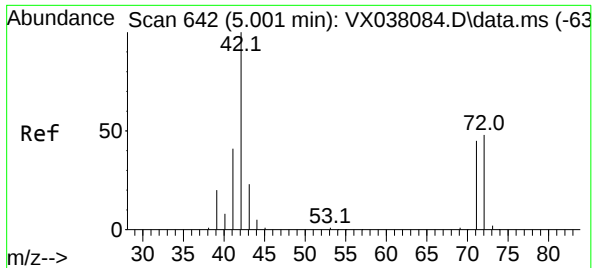
Reviewed By :John Carlone 10/13/2023
 Supervised By :Mahesh Dadoda 10/13/2023



#25
 2-Butanone
 Concen: 0.931 ug/l m
 RT: 4.580 min Scan# 573
 Delta R.T. 0.024 min
 Lab File: VX038252.D
 Acq: 12 Oct 2023 13:24

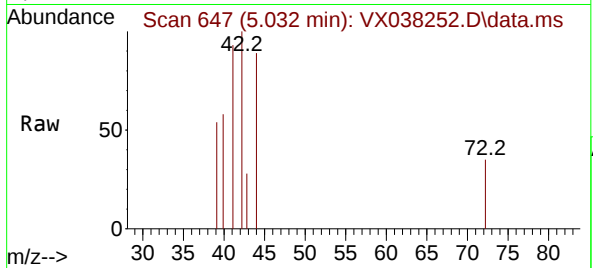
Tgt Ion: 43 Resp: 1205
 Ion Ratio Lower Upper
 43 100
 72 16.4 19.4 29.2#





#29
Tetrahydrofuran
Concen: 0.761 ug/l
RT: 5.032 min Scan# 642
Delta R.T. 0.031 min
Lab File: VX038252.D
Acq: 12 Oct 2023 13:24

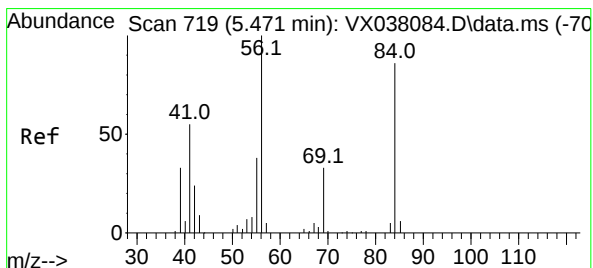
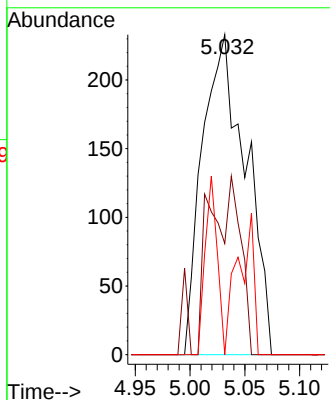
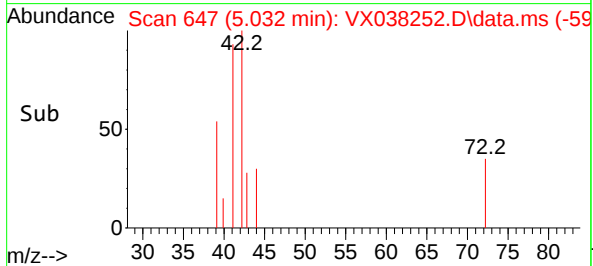
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023



Tgt Ion: 42 Resp: 642
Ion Ratio Lower Upper
42 100
72 22.8 34.2 51.4
71 15.4 32.2 48.2

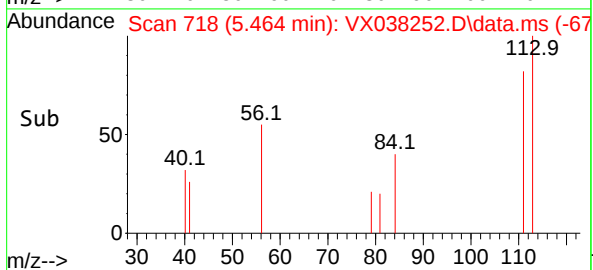
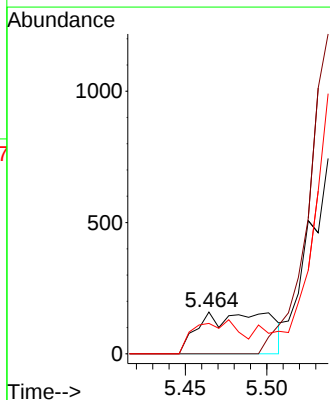
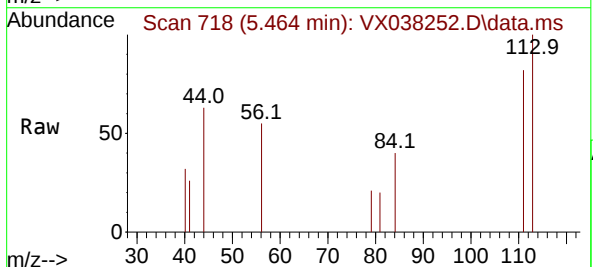
Manual Integrations
APPROVED

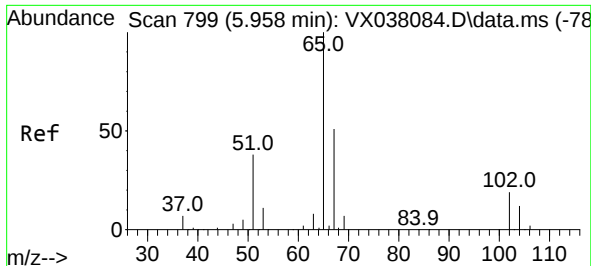
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#31
Cyclohexane
Concen: 0.227 ug/l m
RT: 5.464 min Scan# 718
Delta R.T. -0.007 min
Lab File: VX038252.D
Acq: 12 Oct 2023 13:24

Tgt Ion: 56 Resp: 472
Ion Ratio Lower Upper
56 100
69 0.0 23.4 35.2
84 73.0 65.9 98.9





#33

1,2-Dichloroethane-d4

Concen: 50.574 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038252.D

Acq: 12 Oct 2023 13:24

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

Tgt Ion: 65 Resp: 9720

Ion Ratio Lower Upper

65 100

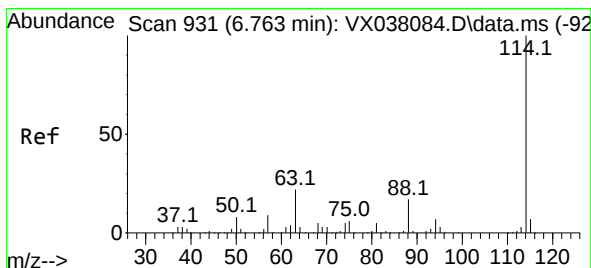
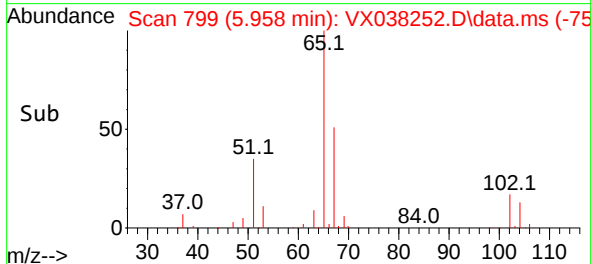
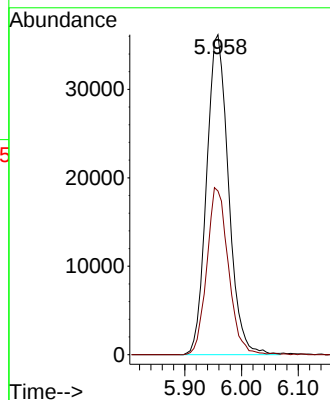
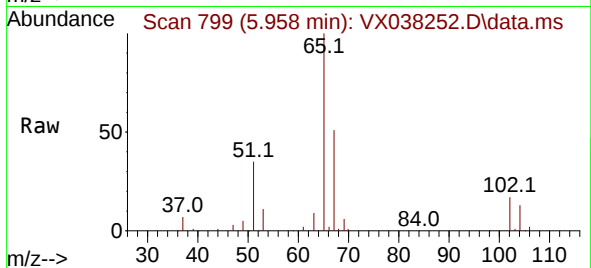
67 51.2 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2023

Supervised By :Mahesh Dadoda 10/13/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX038252.D

Acq: 12 Oct 2023 13:24

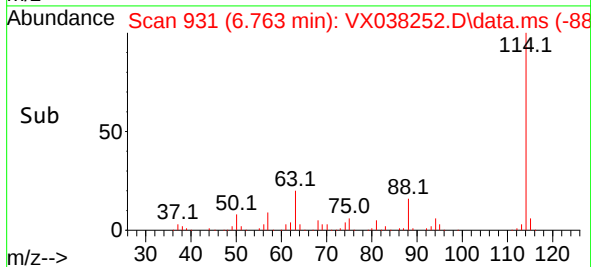
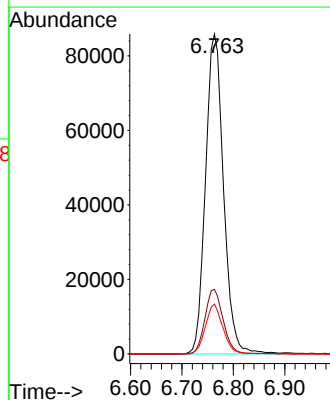
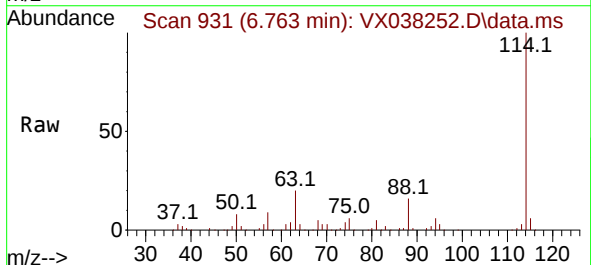
Tgt Ion:114 Resp: 208938

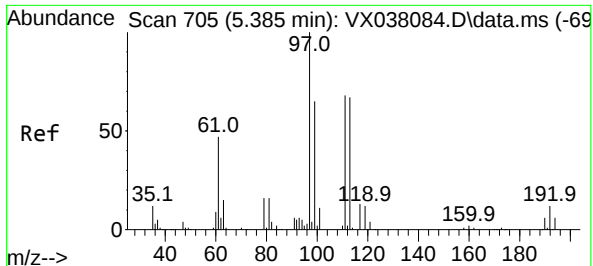
Ion Ratio Lower Upper

114 100

63 20.1 0.0 45.0

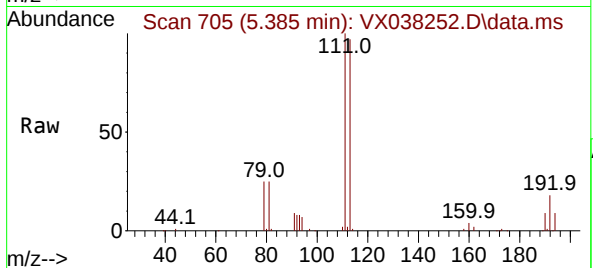
88 15.6 0.0 36.6





#35
Dibromofluoromethane
Concen: 49.217 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038252.D
Acq: 12 Oct 2023 13:24

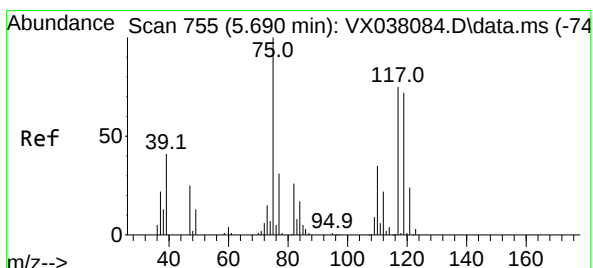
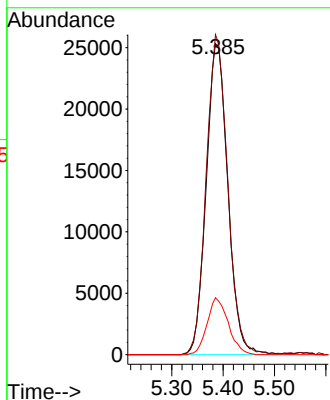
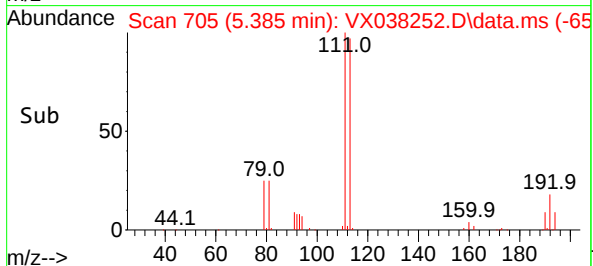
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023



Tgt Ion: 113 Resp: 74098
Ion Ratio Lower Upper
113 100
111 102.0 82.9 124.3
192 17.9 13.3 19.9

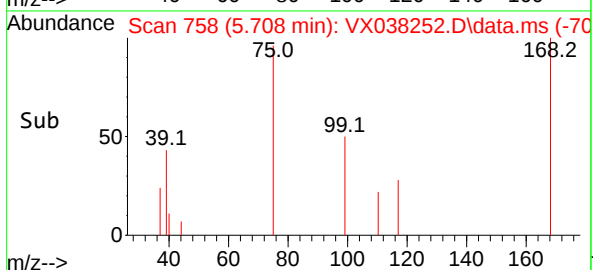
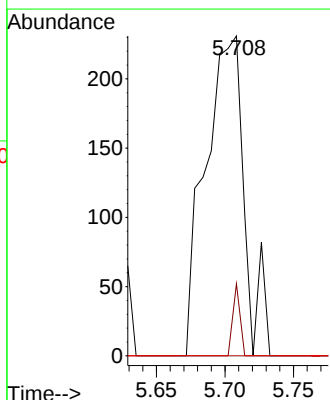
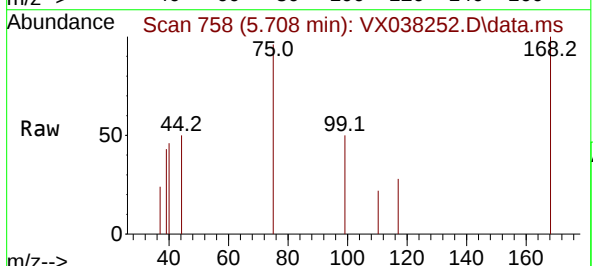
Manual Integrations
APPROVED

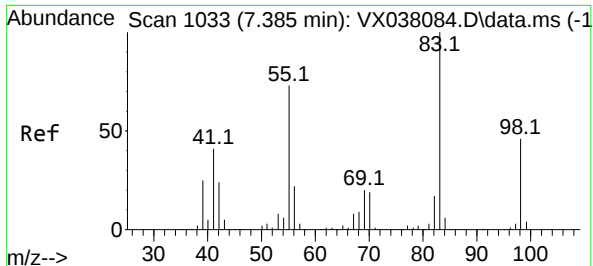
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#36
1,1-Dichloropropene
Concen: 0.221 ug/l
RT: 5.708 min Scan# 758
Delta R.T. 0.018 min
Lab File: VX038252.D
Acq: 12 Oct 2023 13:24

Tgt Ion: 75 Resp: 458
Ion Ratio Lower Upper
75 100
110 0.0 17.0 50.9#
77 0.0 24.7 37.1#





#39

Methylcyclohexane

Concen: 0.207 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX038252.D

Acq: 12 Oct 2023 13:24

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

Tgt Ion: 83 Resp: 504

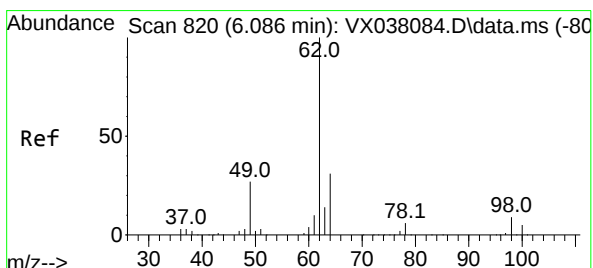
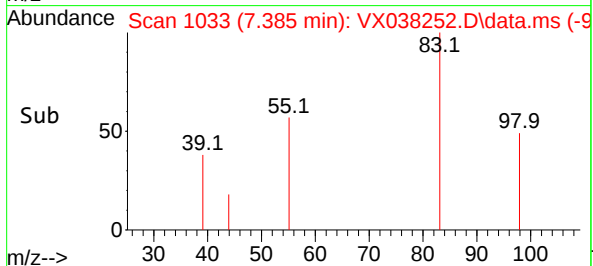
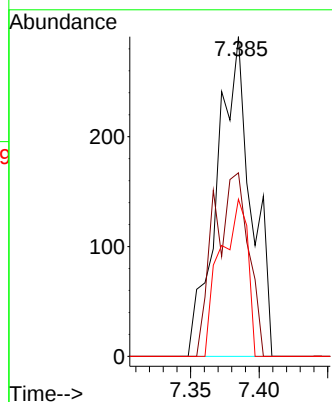
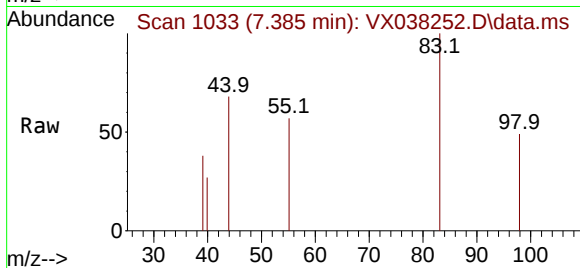
Ion	Ratio	Lower	Upper
83	100		
55	57.4	64.6	97.0
98	49.1	36.7	55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2023

Supervised By :Mahesh Dadoda 10/13/2023



#42

1,2-Dichloroethane

Concen: 0.229 ug/l

RT: 6.092 min Scan# 821

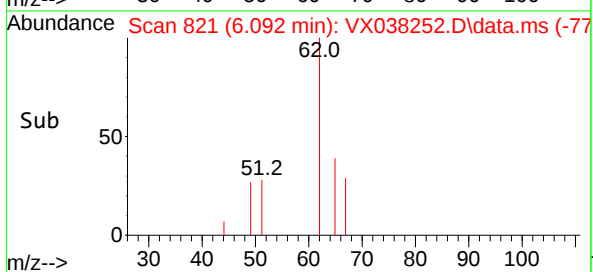
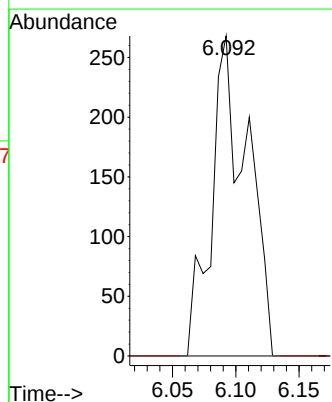
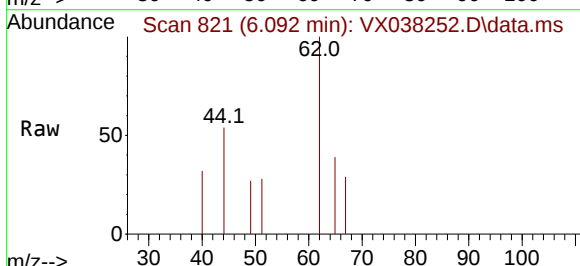
Delta R.T. 0.006 min

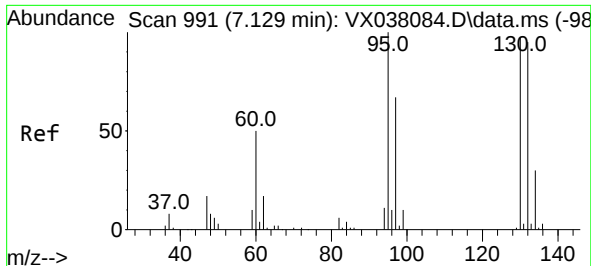
Lab File: VX038252.D

Acq: 12 Oct 2023 13:24

Tgt Ion: 62 Resp: 531

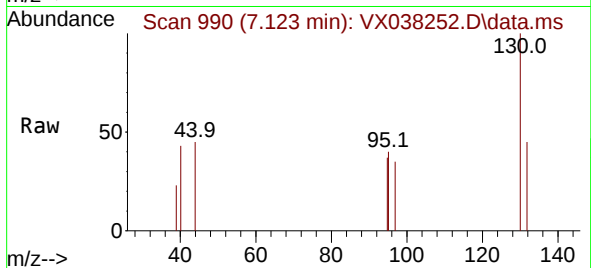
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	16.0





#44
Trichloroethene
Concen: 0.269 ug/l
RT: 7.123 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX038252.D
Acq: 12 Oct 2023 13:24

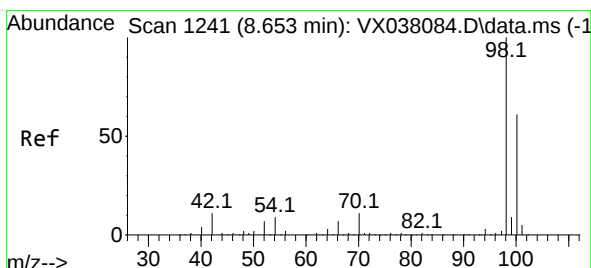
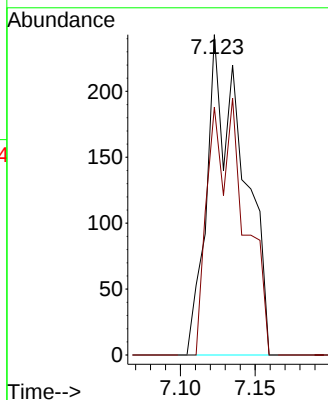
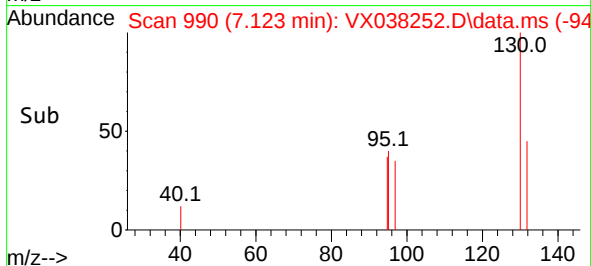
Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023



Tgt Ion:130 Resp: 408
Ion Ratio Lower Upper
130 100
95 77.4 0.0 204.4

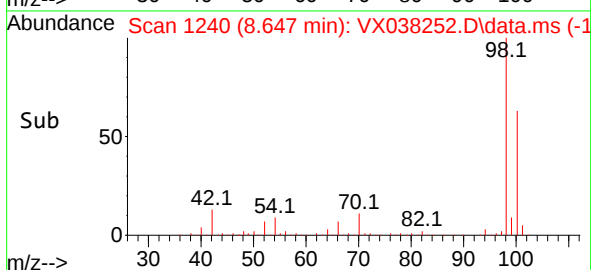
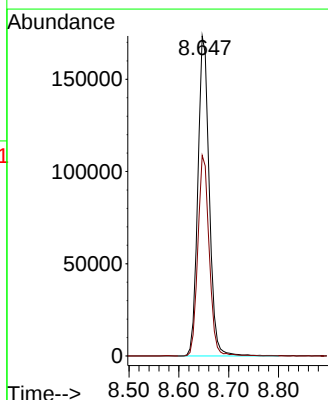
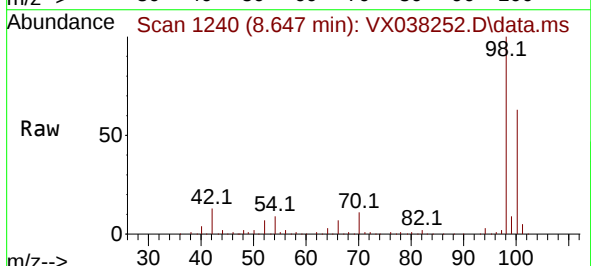
Manual Integrations
APPROVED

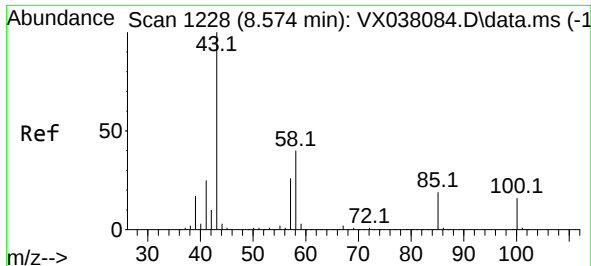
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#50
Toluene-d8
Concen: 47.690 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038252.D
Acq: 12 Oct 2023 13:24

Tgt Ion: 98 Resp: 274363
Ion Ratio Lower Upper
98 100
100 62.6 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 0.773 ug/l

RT: 8.580 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VX038252.D

Acq: 12 Oct 2023 13:24

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

Tgt Ion: 43 Resp: 1962

Ion Ratio Lower Upper

43 100

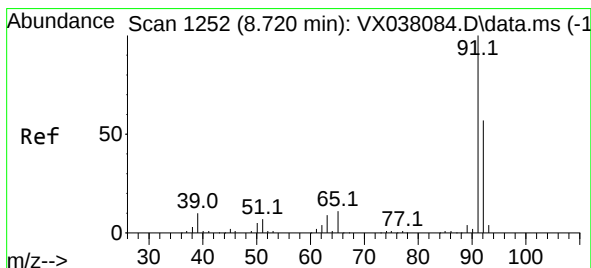
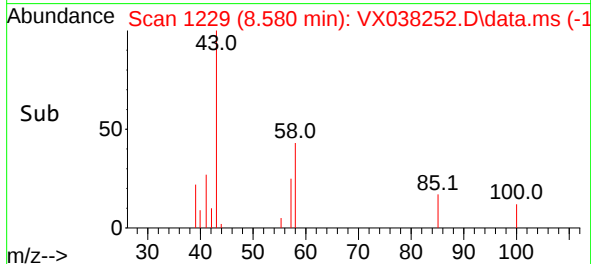
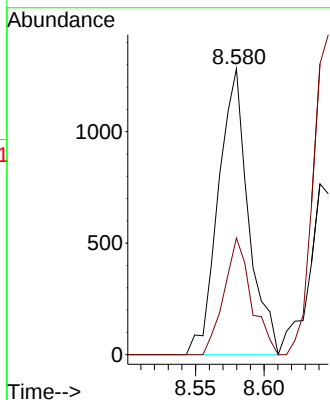
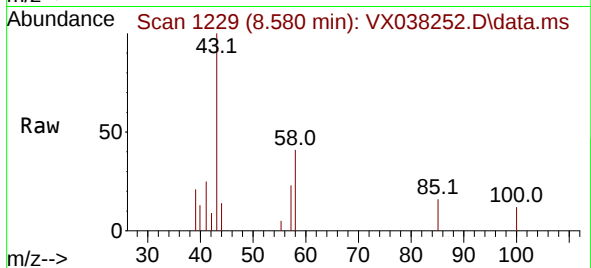
58 37.0 30.4 45.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2023

Supervised By :Mahesh Dadoda 10/13/2023



#52

Toluene

Concen: 0.204 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX038252.D

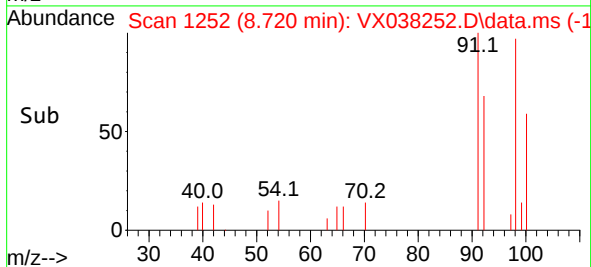
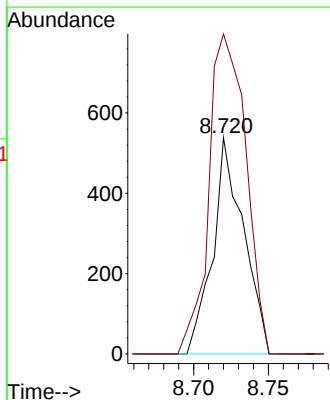
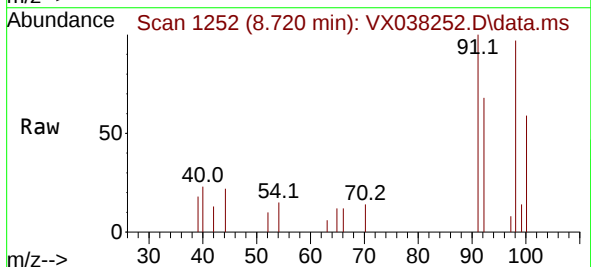
Acq: 12 Oct 2023 13:24

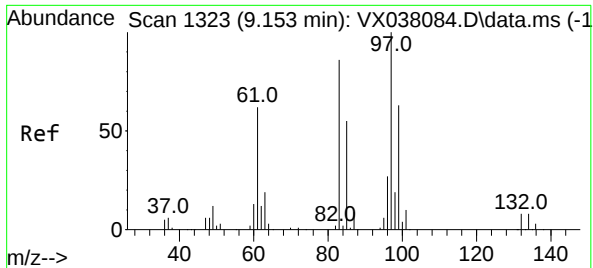
Tgt Ion: 92 Resp: 771

Ion Ratio Lower Upper

92 100

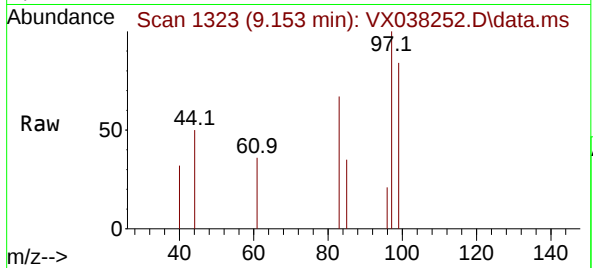
91 178.2 134.2 201.2





#55
1,1,2-Trichloroethane
Concen: 0.205 ug/l
RT: 9.153 min Scan# 1175
Delta R.T. -0.000 min
Lab File: VX038252.D
Acq: 12 Oct 2023 13:24

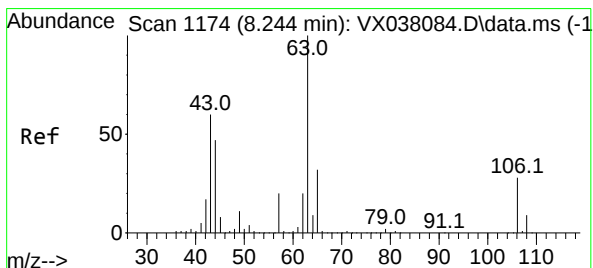
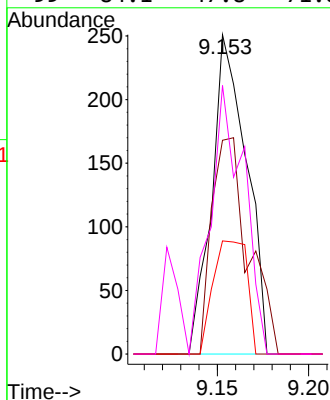
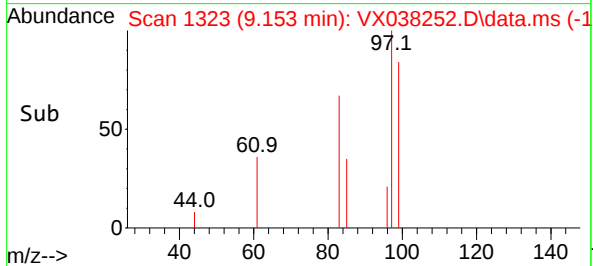
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2023



Tgt Ion: 97 Resp: 331
Ion Ratio Lower Upper
97 100
83 66.9 65.8 98.8
85 35.5 41.6 62.4
99 84.1 47.8 71.8#

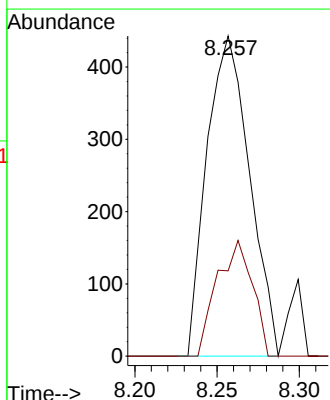
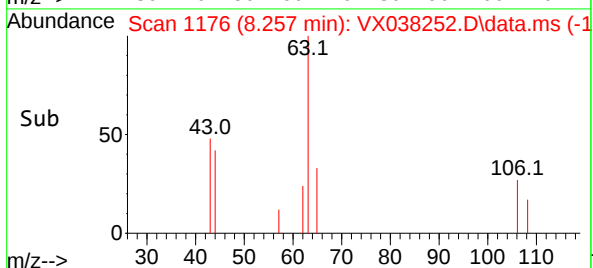
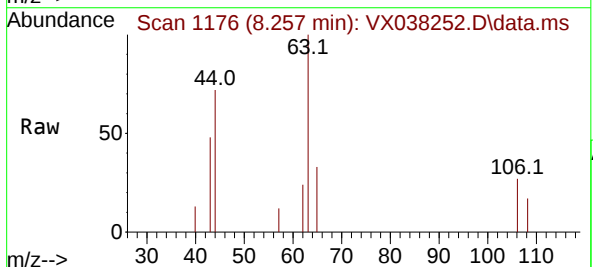
Manual Integrations
APPROVED

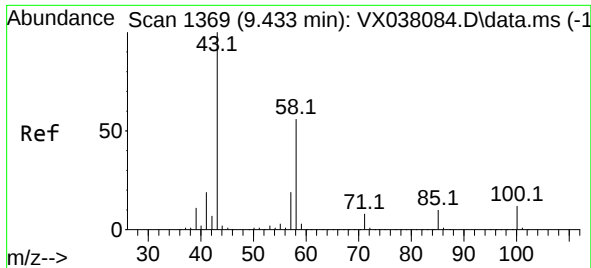
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#58
2-Chloroethyl Vinyl ether
Concen: 0.658 ug/l
RT: 8.257 min Scan# 1176
Delta R.T. 0.013 min
Lab File: VX038252.D
Acq: 12 Oct 2023 13:24

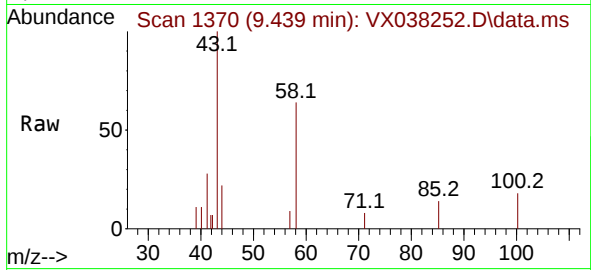
Tgt Ion: 63 Resp: 801
Ion Ratio Lower Upper
63 100
106 29.8 22.5 33.7





#59
2-Hexanone
Concen: 0.735 ug/l
RT: 9.439 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX038252.D
Acq: 12 Oct 2023 13:24

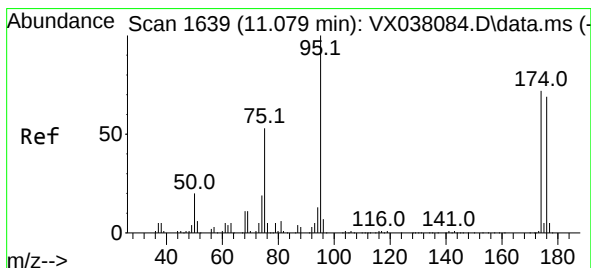
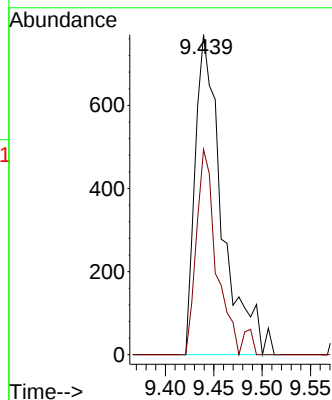
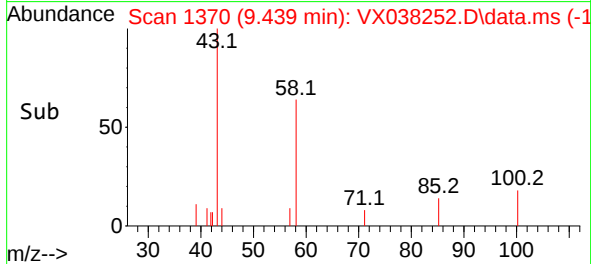
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023



Tgt Ion: 43 Resp: 1500
Ion Ratio Lower Upper
43 100
58 46.9 26.2 78.5

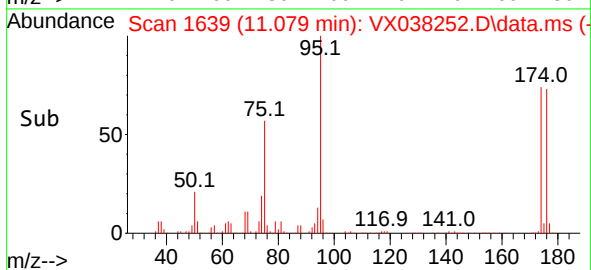
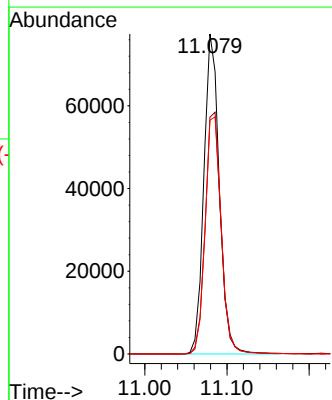
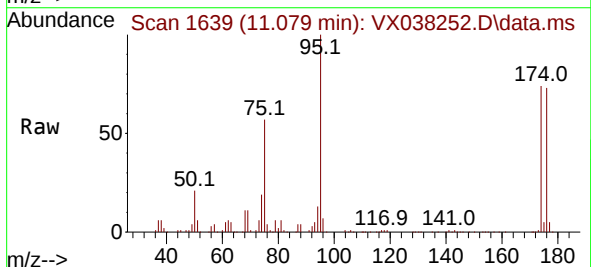
Manual Integrations
APPROVED

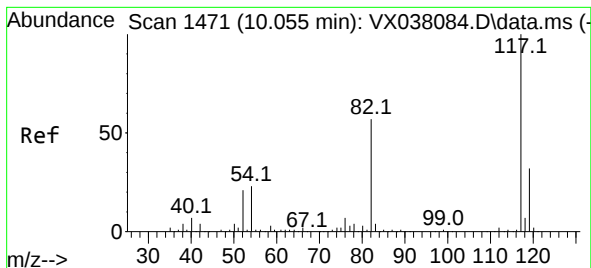
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#62
4-Bromofluorobenzene
Concen: 46.246 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038252.D
Acq: 12 Oct 2023 13:24

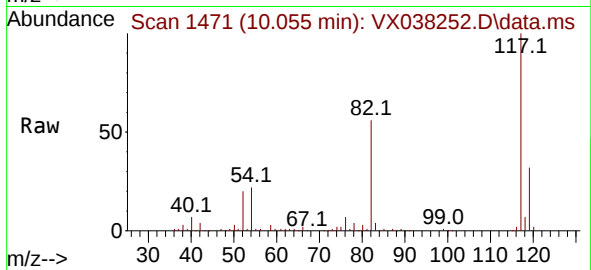
Tgt Ion: 95 Resp: 100863
Ion Ratio Lower Upper
95 100
174 77.9 0.0 135.6
176 77.3 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038252.D
Acq: 12 Oct 2023 13:24

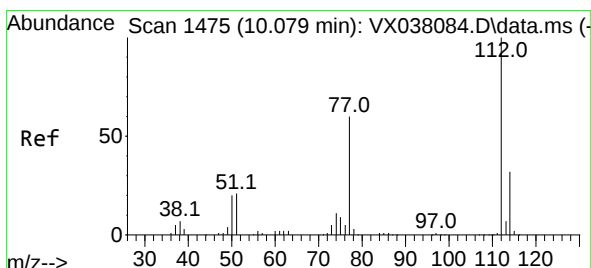
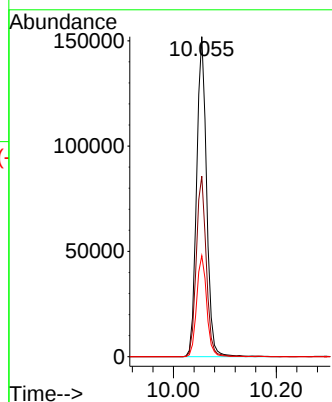
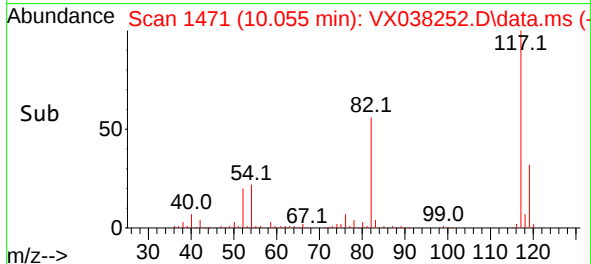
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023



Tgt Ion:117 Resp: 20548
Ion Ratio Lower Upper
117 100
82 56.4 46.2 69.4
119 31.6 25.5 38.3

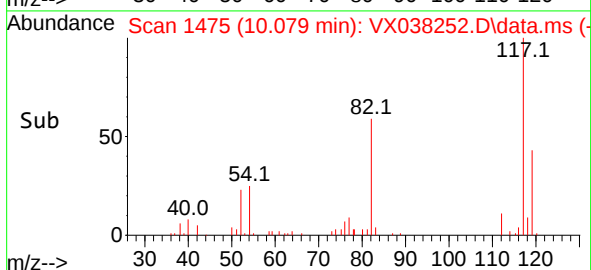
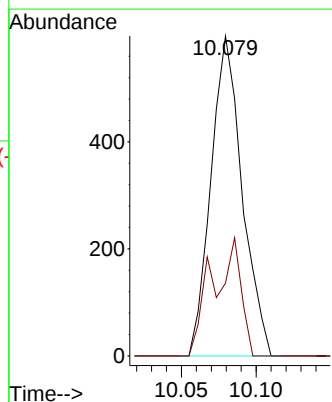
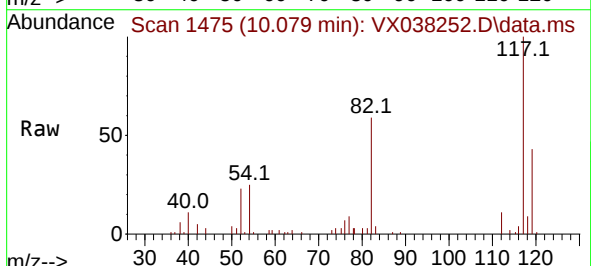
Manual Integrations
APPROVED

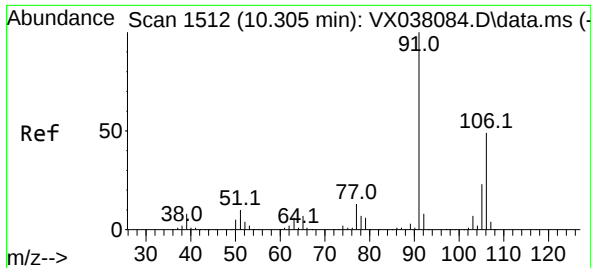
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#65
Chlorobenzene
Concen: 0.201 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX038252.D
Acq: 12 Oct 2023 13:24

Tgt Ion:112 Resp: 866
Ion Ratio Lower Upper
112 100
114 22.7 25.7 38.5#





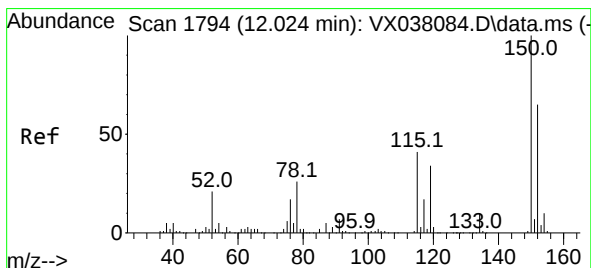
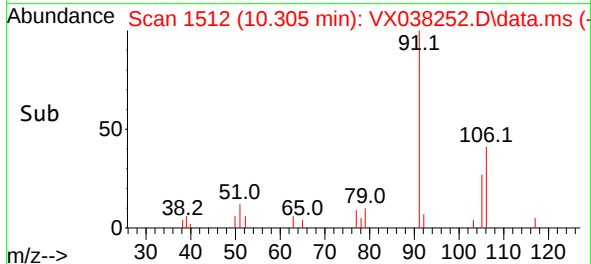
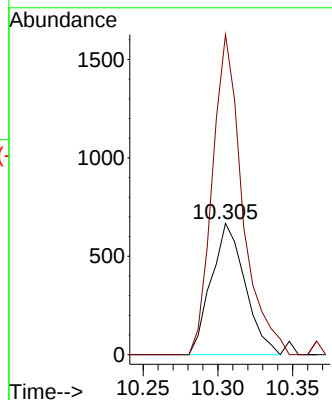
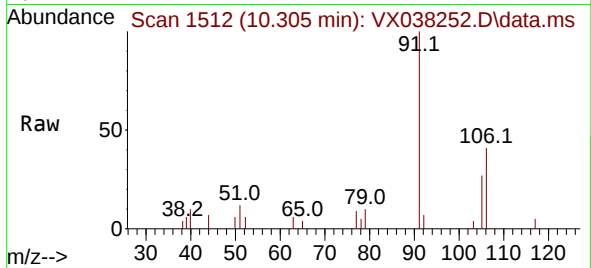
#68
m/p-Xylenes
Concen: 0.353 ug/l
RT: 10.305 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038252.D
Acq: 12 Oct 2023 13:24

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

Tgt Ion:106 Resp: 104
Ion Ratio Lower Upper
106 100
91 217.6 165.5 248.3

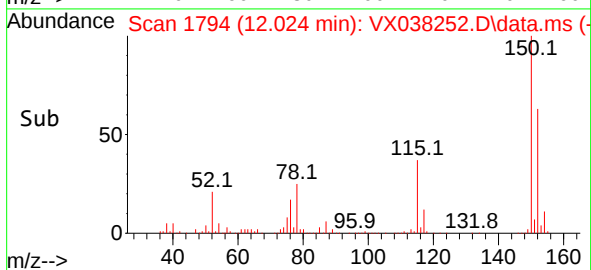
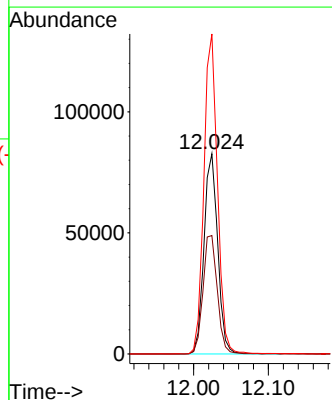
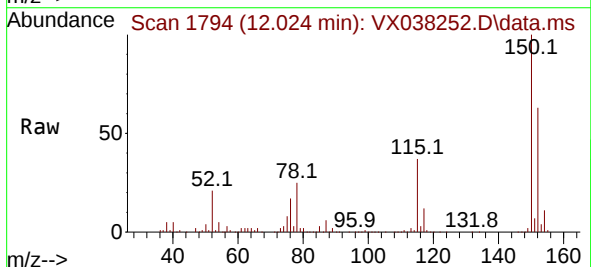
Manual Integrations
APPROVED

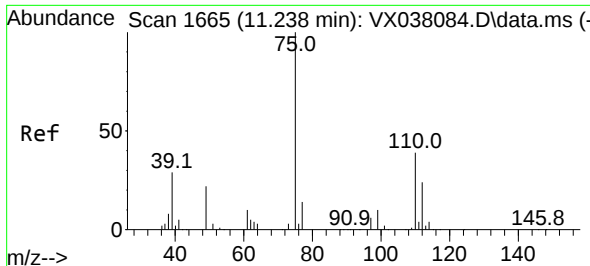
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038252.D
Acq: 12 Oct 2023 13:24

Tgt Ion:152 Resp: 105385
Ion Ratio Lower Upper
152 100
115 61.5 43.3 129.9
150 158.1 0.0 345.0





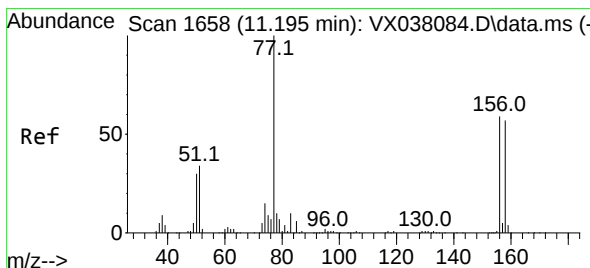
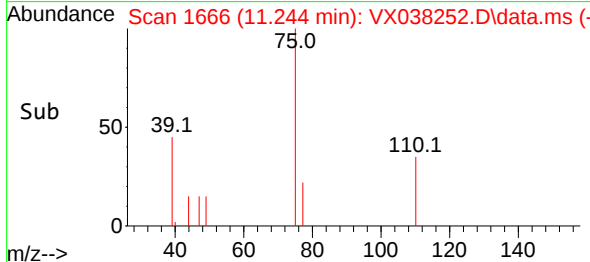
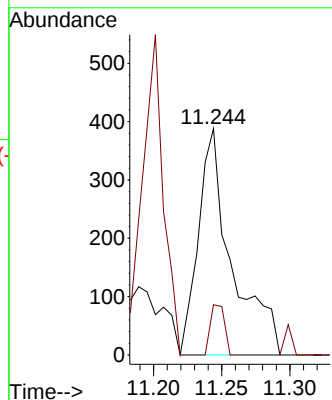
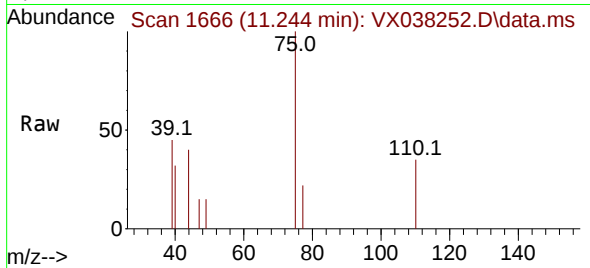
#76
1,2,3-Trichloropropane
Concen: 0.275 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VX038252.D
Acq: 12 Oct 2023 13:24

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

Tgt Ion: 75 Resp: 659
Ion Ratio Lower Upper
75 100
77 96.4 19.1 57.5

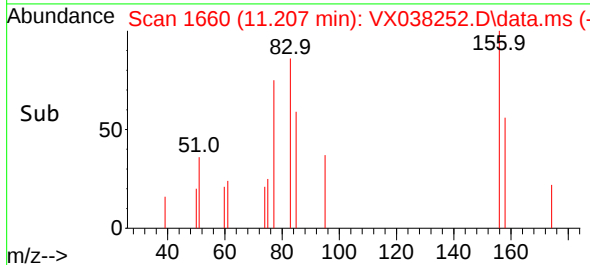
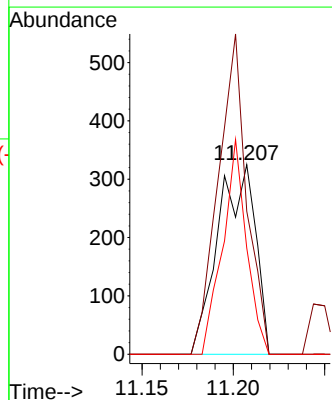
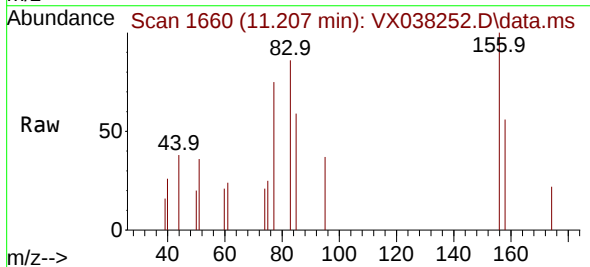
Manual Integrations
APPROVED

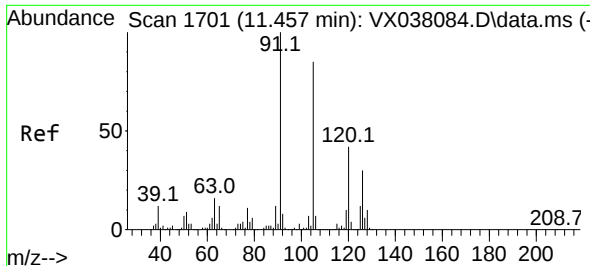
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#77
Bromobenzene
Concen: 0.269 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. 0.012 min
Lab File: VX038252.D
Acq: 12 Oct 2023 13:24

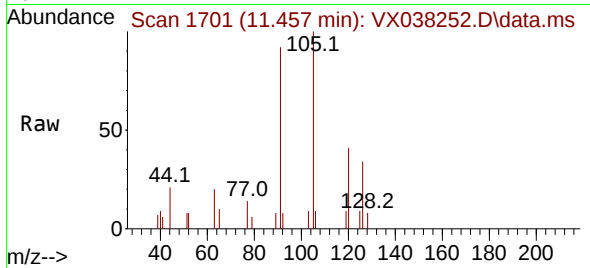
Tgt Ion:156 Resp: 464
Ion Ratio Lower Upper
156 100
77 128.7 88.4 265.3
158 72.0 48.0 144.0





#82
4-Chlorotoluene
Concen: 0.214 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX038252.D
Acq: 12 Oct 2023 13:24

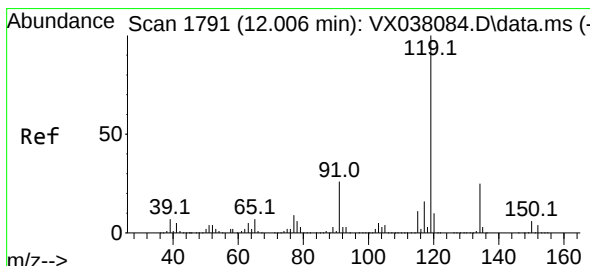
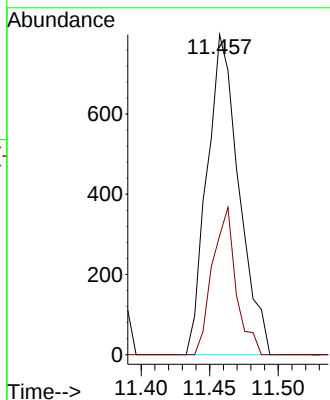
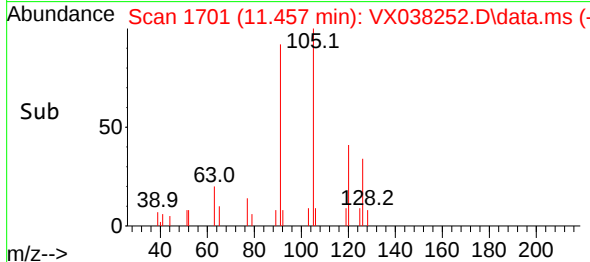
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023



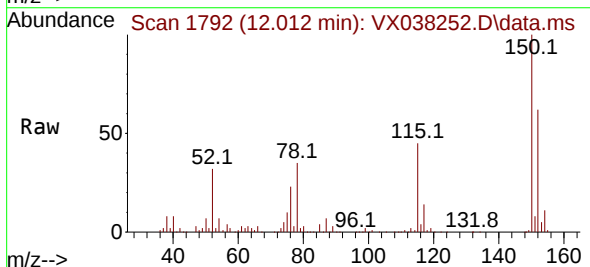
Tgt Ion: 91 Resp: 129
Ion Ratio Lower Upper
91 100
126 34.0 14.2 42.6

Manual Integrations
APPROVED

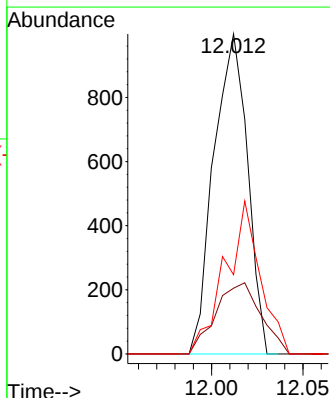
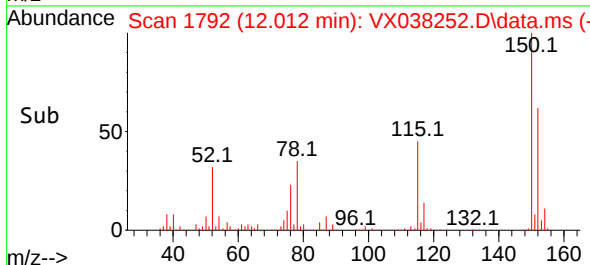
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023

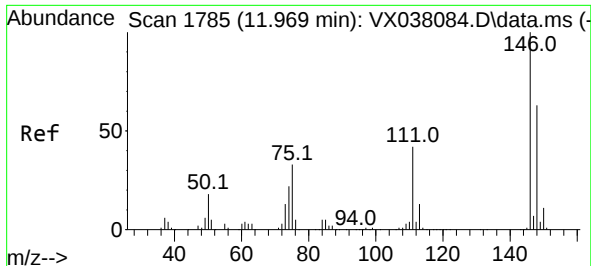


#86
p-Isopropyltoluene
Concen: 0.201 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VX038252.D
Acq: 12 Oct 2023 13:24



Tgt Ion:119 Resp: 1277
Ion Ratio Lower Upper
119 100
134 29.9 12.8 38.3
91 49.8 13.1 39.3#





#87

1,3-Dichlorobenzene

Concen: 0.220 ug/l

RT: 11.975 min Scan# 1786

Delta R.T. 0.006 min

Lab File: VX038252.D

Acq: 12 Oct 2023 13:24

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

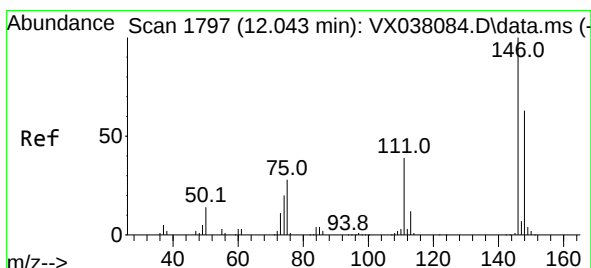
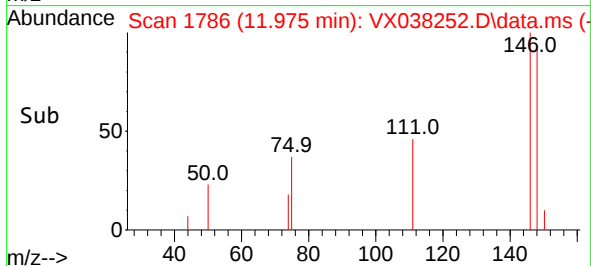
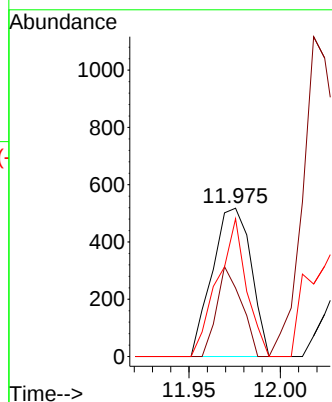
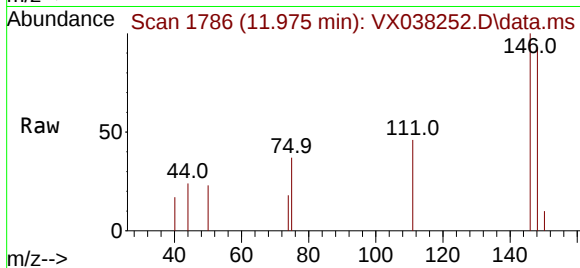
Tgt Ion:146	Resp:	764
Ion Ratio	Lower	Upper
146	100	
111	38.7	22.1 66.1
148	69.8	31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2023

Supervised By :Mahesh Dadoda 10/13/2023



#88

1,4-Dichlorobenzene

Concen: 0.267 ug/l m

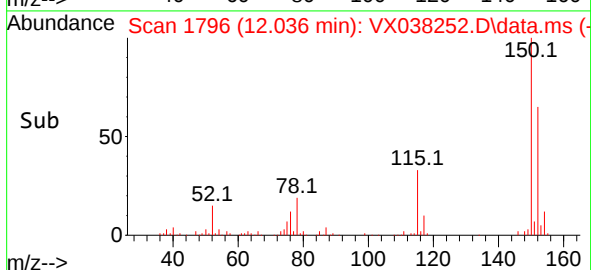
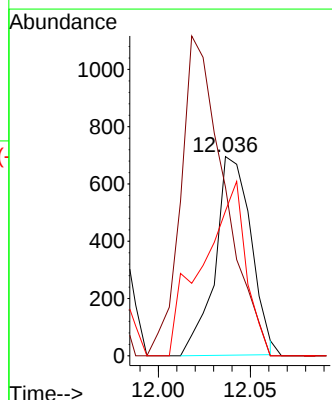
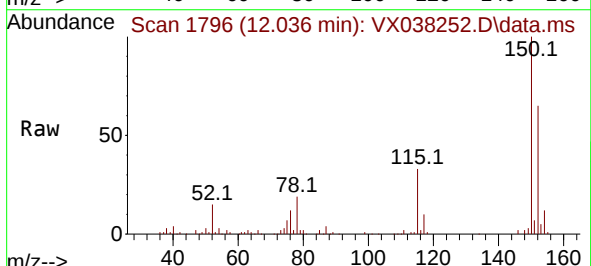
RT: 12.036 min Scan# 1796

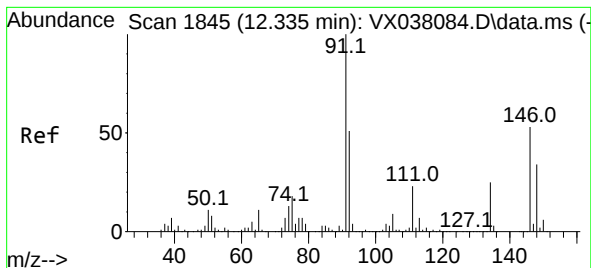
Delta R.T. -0.007 min

Lab File: VX038252.D

Acq: 12 Oct 2023 13:24

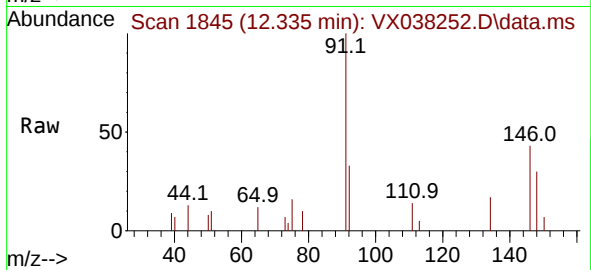
Tgt Ion:146	Resp:	945
Ion Ratio	Lower	Upper
146	100	
111	31.3	21.3 63.7
148	56.4	31.8 95.4





#89
n-Butylbenzene
Concen: 0.224 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038252.D
Acq: 12 Oct 2023 13:24

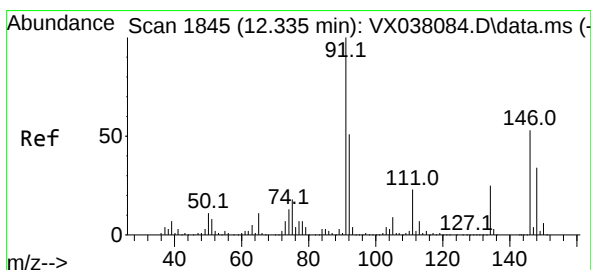
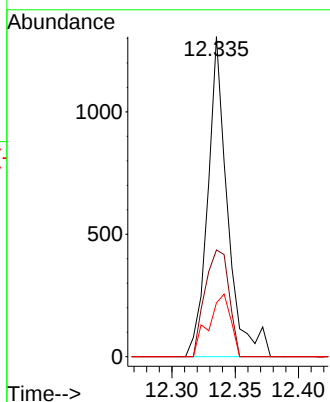
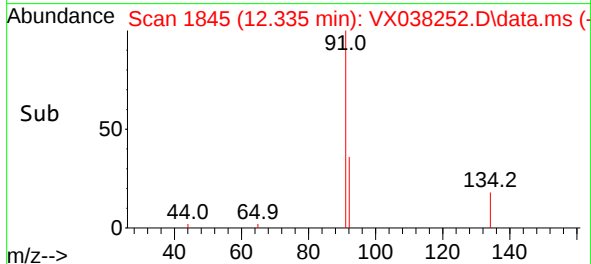
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023



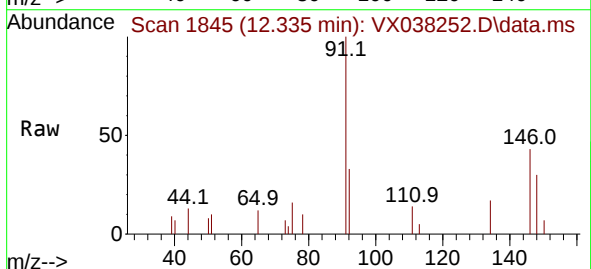
Tgt Ion: 91 Resp: 142
Ion Ratio Lower Upper
91 100
92 40.4 27.4 82.0
134 21.9 12.6 37.8

Manual Integrations
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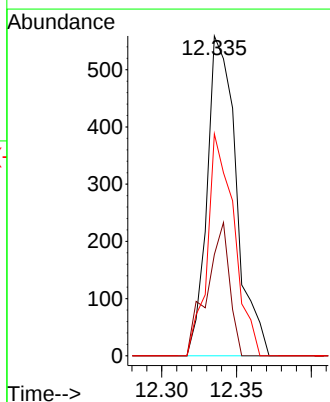
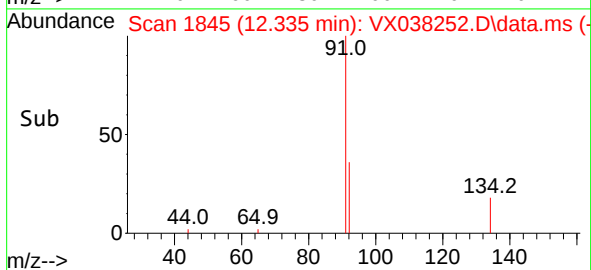
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023

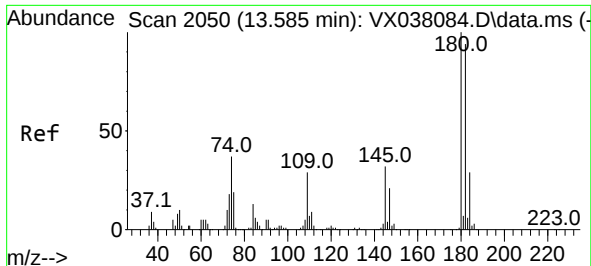


#91
1,2-Dichlorobenzene
Concen: 0.227 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038252.D
Acq: 12 Oct 2023 13:24



Tgt Ion:146 Resp: 757
Ion Ratio Lower Upper
146 100
111 32.4 22.4 67.0
148 63.4 31.6 95.0





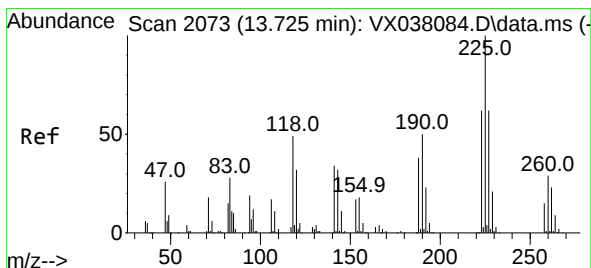
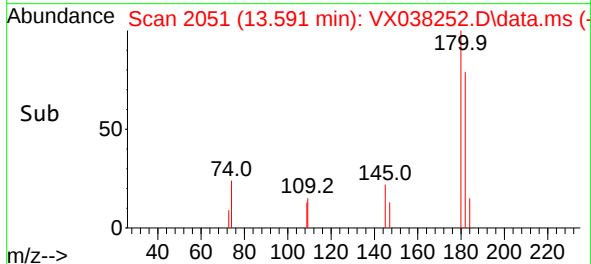
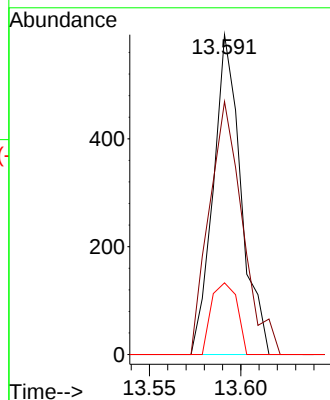
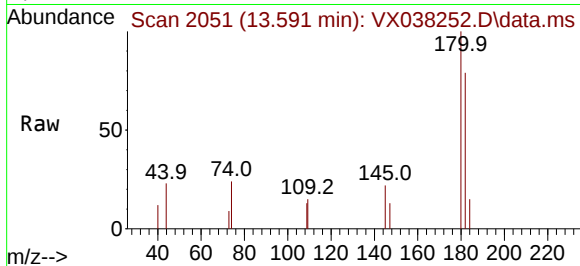
#93
1,2,4-Trichlorobenzene
Concen: 0.281 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX038252.D
Acq: 12 Oct 2023 13:24

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

Tgt Ion:180 Resp: 628
Ion Ratio Lower Upper
180 100
182 94.6 48.3 144.8
145 20.9 18.0 54.0

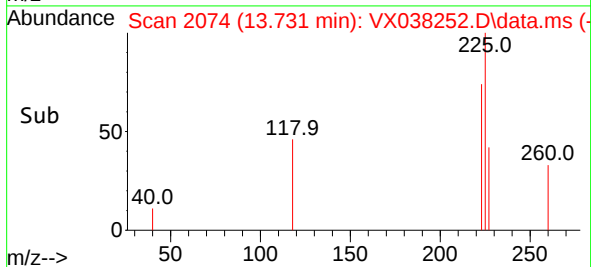
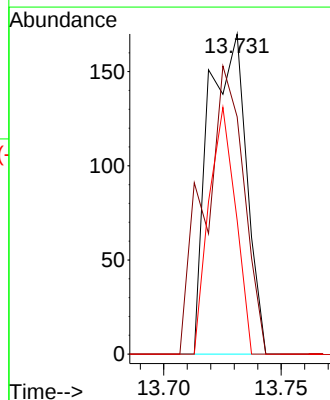
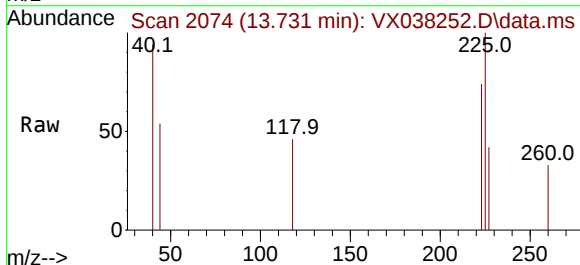
Manual Integrations
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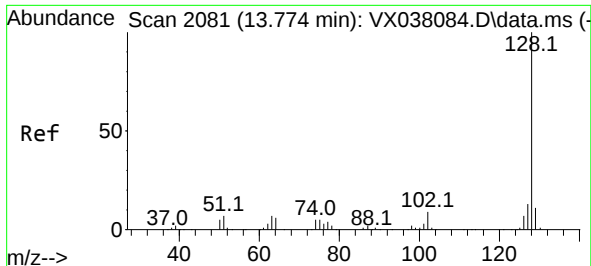
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#94
Hexachlorobutadiene
Concen: 0.212 ug/l
RT: 13.731 min Scan# 2074
Delta R.T. 0.006 min
Lab File: VX038252.D
Acq: 12 Oct 2023 13:24

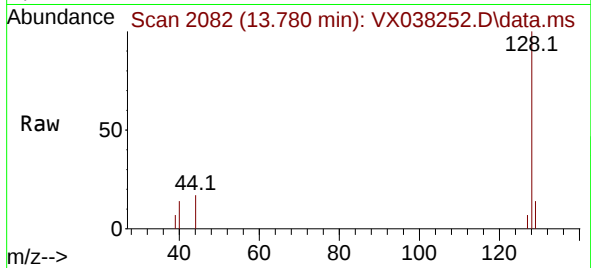
Tgt Ion:225 Resp: 191
Ion Ratio Lower Upper
225 100
223 92.7 31.1 93.2
227 54.5 32.5 97.5





#95
Naphthalene
Concen: 0.201 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX038252.D
Acq: 12 Oct 2023 13:24

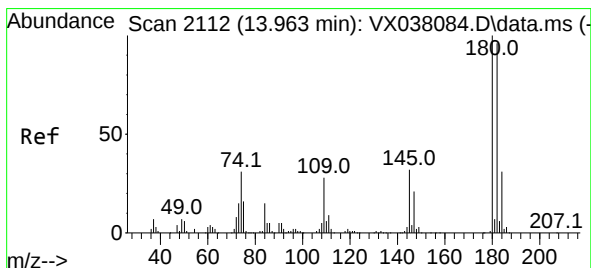
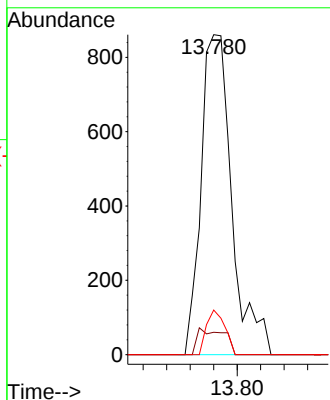
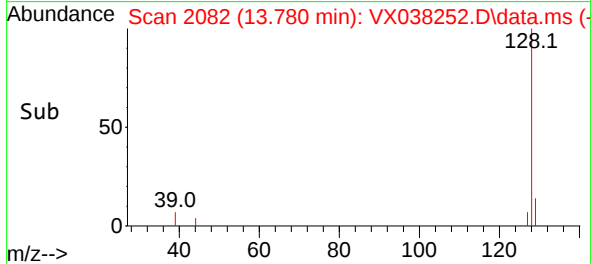
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023



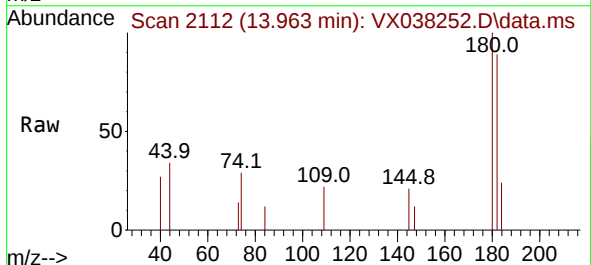
Tgt Ion:128 Resp: 1560
Ion Ratio Lower Upper
128 100
127 7.2 10.3 15.5
129 8.4 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#96
1,2,3-Trichlorobenzene
Concen: 0.212 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX038252.D
Acq: 12 Oct 2023 13:24



Tgt Ion:180 Resp: 459
Ion Ratio Lower Upper
180 100
182 115.3 46.9 140.6
145 19.2 17.8 53.5

