

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022123\
 Data File : VX034215.D
 Acq On : 21 Feb 2023 17:28
 Operator : JC/MD
 Sample : 01627-07RE .2PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2023 .2PPB

Quant Time: Feb 22 03:03:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 22 02:40:46 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 02/22/2023
 Supervised By :Mahesh Dadoda 02/22/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	309480	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	511156	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	447012	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	208566	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	191483	45.942	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.880%		
35) Dibromofluoromethane	5.391	113	164188	49.334	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.660%		
50) Toluene-d8	8.647	98	607897	50.874	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.740%		
62) 4-Bromofluorobenzene	11.079	95	211730	46.324	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.640%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	687	0.257	ug/l	93
3) Chloromethane	1.300	50	1378	0.358	ug/l	93
4) Vinyl Chloride	1.374	62	1060	0.302	ug/l	98
5) Bromomethane	1.611	94	1180	0.848	ug/l #	57
6) Chloroethane	1.697	64	848	0.481	ug/l #	69
7) Trichlorofluoromethane	1.886	101	1357	0.286	ug/l #	82
8) Diethyl Ether	2.136	74	455	0.238	ug/l	71
9) 1,1,2-Trichlorotrifluo...	2.331	101	812	0.243	ug/l	94
10) Methyl Iodide	2.453	142	871	0.214	ug/l #	83
11) Tert butyl alcohol	2.953	59	4118	4.417	ug/l #	94
12) 1,1-Dichloroethene	2.319	96	758	0.226	ug/l #	80
13) Acrolein	2.233	56	664	1.560	ug/l #	73
14) Allyl chloride	2.666	41	1741	0.245	ug/l #	72
15) Acrylonitrile	3.081	53	2337	1.149	ug/l	97
16) Acetone	2.380	43	3191	1.484	ug/l #	85
17) Carbon Disulfide	2.514	76	3098	0.322	ug/l #	69
18) Methyl Acetate	2.715	43	1576	0.237	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	2556	0.216	ug/l	97
20) Methylene Chloride	2.788	84	2053	0.530	ug/l	89
21) trans-1,2-Dichloroethene	3.099	96	916	0.261	ug/l #	77
22) Diisopropyl ether	3.757	45	3185	0.256	ug/l #	56
23) Vinyl Acetate	3.745	43	11057	1.109	ug/l	97
24) 1,1-Dichloroethane	3.611	63	1560	0.228	ug/l #	81
25) 2-Butanone	4.574	43	4594m	1.477	ug/l	
26) 2,2-Dichloropropane	4.477	77	1514	0.245	ug/l #	72
27) cis-1,2-Dichloroethene	4.489	96	970m	0.234	ug/l	
29) Tetrahydrofuran	5.019	42	2859m	1.506	ug/l	
30) Chloroform	5.105	83	1556	0.237	ug/l #	77
31) Cyclohexane	5.483	56	1583m	0.254	ug/l	
32) 1,1,1-Trichloroethane	5.379	97	1440	0.245	ug/l #	48
36) 1,1-Dichloropropene	5.702	75	1314	0.267	ug/l #	89
38) Carbon Tetrachloride	5.678	117	1504	0.297	ug/l #	67
39) Methylcyclohexane	7.379	83	1660	0.262	ug/l #	92
40) Benzene	6.037	78	3392	0.233	ug/l	96
41) Methacrylonitrile	4.946	41	620m	0.202	ug/l	
42) 1,2-Dichloroethane	6.092	62	1565	0.305	ug/l	90

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022123\
 Data File : VX034215.D
 Acq On : 21 Feb 2023 17:28
 Operator : JC/MD
 Sample : 01627-07RE .2PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2023 .2PPB

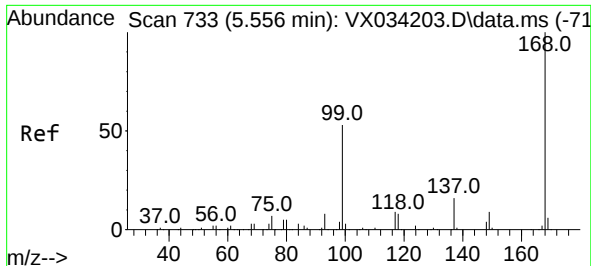
Quant Time: Feb 22 03:03:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 22 02:40:46 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 02/22/2023
 Supervised By :Mahesh Dadoda 02/22/2023

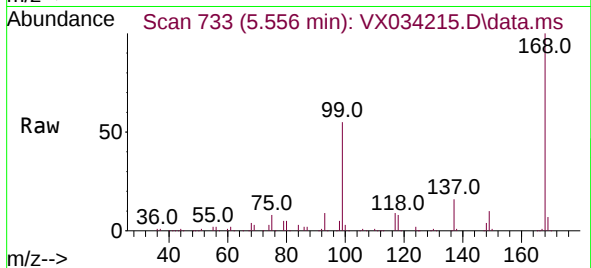
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	7.135	130	1032	0.276	ug/l	77
45) 1,2-Dichloropropane	7.440	63	827	0.213	ug/l #	62
46) Dibromomethane	7.580	93	571	0.223	ug/l #	81
47) Bromodichloromethane	7.830	83	1159	0.221	ug/l #	87
48) Methyl methacrylate	7.714	41	1284	0.279	ug/l	89
49) 1,4-Dioxane	7.677	88	329	3.580	ug/l #	97
51) 4-Methyl-2-Pentanone	8.574	43	5768	1.080	ug/l	94
52) Toluene	8.726	92	2178	0.246	ug/l	95
55) 1,1,2-Trichloroethane	9.159	97	810	0.227	ug/l #	86
57) 1,3-Dichloropropane	9.317	76	1508	0.243	ug/l	93
58) 2-Chloroethyl Vinyl ether	8.257	63	2543	0.973	ug/l	99
59) 2-Hexanone	9.445	43	4533	1.114	ug/l	88
60) Dibromochloromethane	9.525	129	795	0.202	ug/l	97
61) 1,2-Dibromoethane	9.610	107	814	0.216	ug/l	81
64) Tetrachloroethene	9.275	164	839	0.266	ug/l #	87
65) Chlorobenzene	10.079	112	2297	0.247	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.165	131	802	0.222	ug/l #	63
67) Ethyl Benzene	10.195	91	4065	0.243	ug/l	98
68) m/p-Xylenes	10.305	106	3079	0.481	ug/l	95
69) o-Xylene	10.640	106	1448	0.227	ug/l	88
70) Styrene	10.665	104	2144	0.207	ug/l #	90
73) Isopropylbenzene	10.963	105	3661	0.230	ug/l	91
74) N-amyl acetate	10.848	43	2150	0.269	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	11.219	83	1313	0.242	ug/l	91
77) Bromobenzene	11.201	156	901	0.236	ug/l	86
78) n-propylbenzene	11.305	91	4561	0.247	ug/l	99
79) 2-Chlorotoluene	11.366	91	3037	0.268	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	2909	0.218	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	416m	0.204	ug/l	
82) 4-Chlorotoluene	11.457	91	3317	0.257	ug/l	90
83) tert-Butylbenzene	11.713	119	3189	0.233	ug/l	91
84) 1,2,4-Trimethylbenzene	11.756	105	3010	0.223	ug/l	99
85) sec-Butylbenzene	11.890	105	4156	0.250	ug/l	91
86) p-Isopropyltoluene	12.012	119	3161	0.230	ug/l #	72
87) 1,3-Dichlorobenzene	11.975	146	1906	0.266	ug/l	95
88) 1,4-Dichlorobenzene	12.042	146	2011m	0.278	ug/l	
89) n-Butylbenzene	12.335	91	2811	0.229	ug/l	97
90) Hexachloroethane	12.536	117	579	0.201	ug/l	88
91) 1,2-Dichlorobenzene	12.341	146	1806	0.257	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	1254	0.278	ug/l	96
94) Hexachlorobutadiene	13.725	225	596	0.319	ug/l	88
95) Naphthalene	13.780	128	3886	0.256	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	1082	0.242	ug/l	82

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034215.D
Acq: 21 Feb 2023 17:28

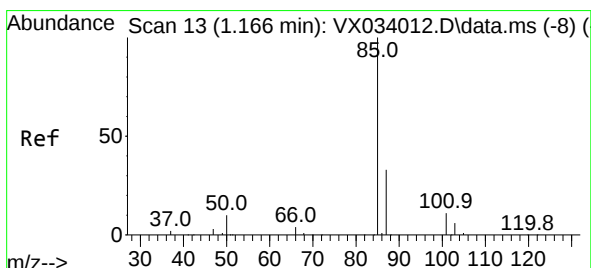
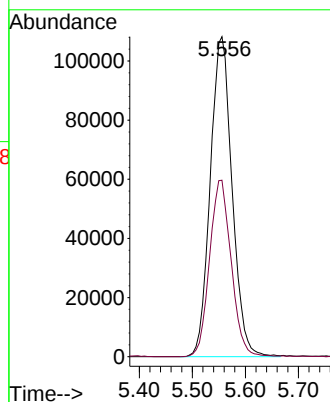
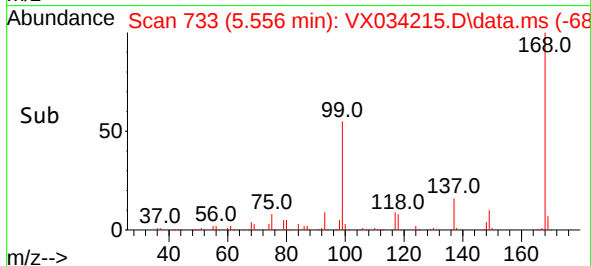
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023 .2PPB



Tgt Ion:168 Resp: 309480
Ion Ratio Lower Upper
168 100
99 55.2 39.6 59.4

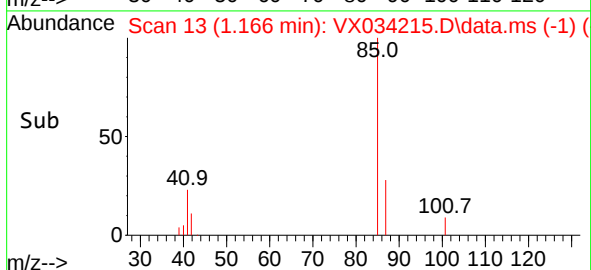
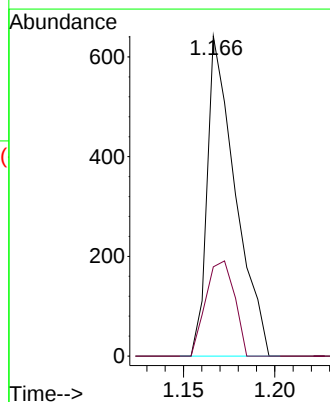
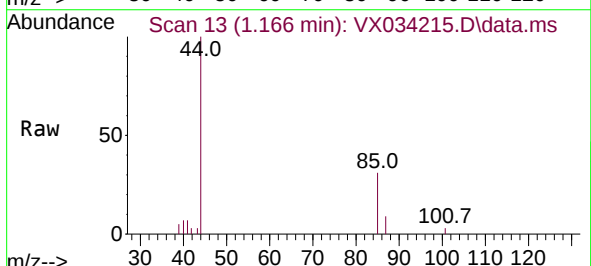
Manual Integrations
APPROVED

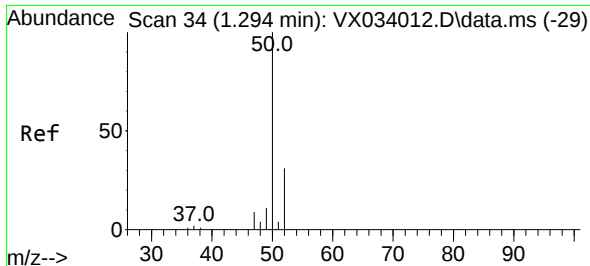
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#2
Dichlorodifluoromethane
Concen: 0.257 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX034215.D
Acq: 21 Feb 2023 17:28

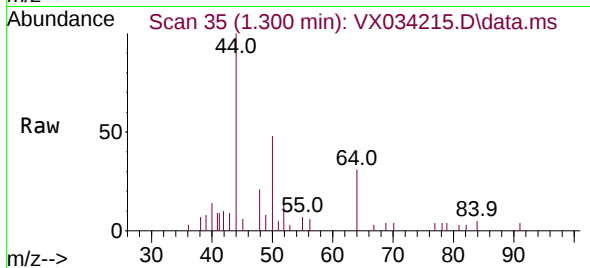
Tgt Ion: 85 Resp: 687
Ion Ratio Lower Upper
85 100
87 27.9 15.8 47.4





#3
Chloromethane
Concen: 0.358 ug/l
RT: 1.300 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX034215.D
Acq: 21 Feb 2023 17:28

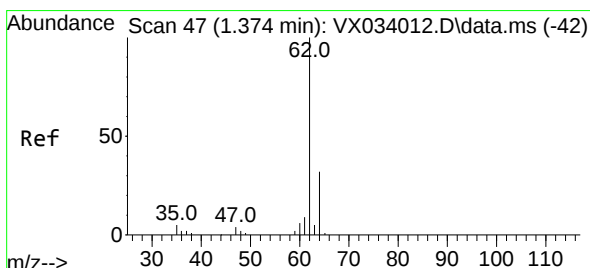
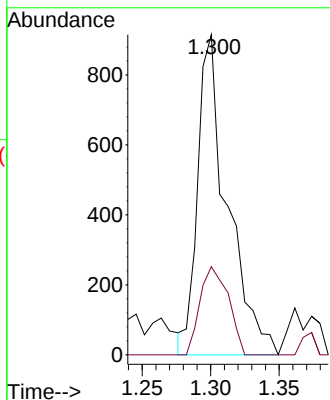
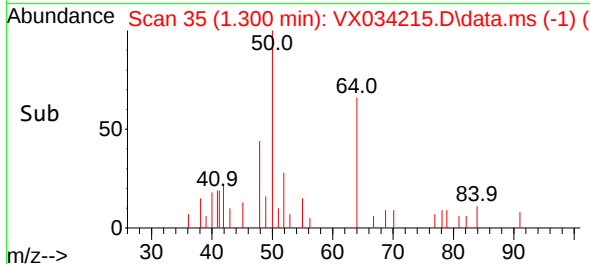
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023 .2PPB



Tgt Ion: 50 Resp: 1378
Ion Ratio Lower Upper
50 100
52 27.5 25.2 37.8

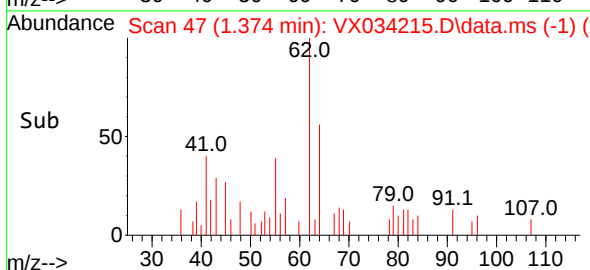
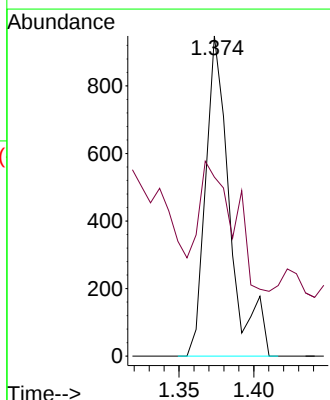
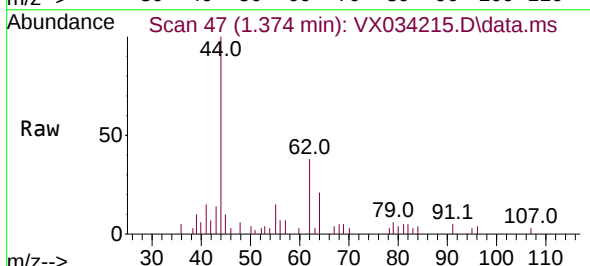
Manual Integrations
APPROVED

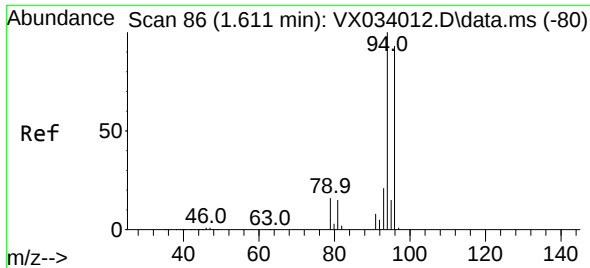
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#4
Vinyl Chloride
Concen: 0.302 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX034215.D
Acq: 21 Feb 2023 17:28

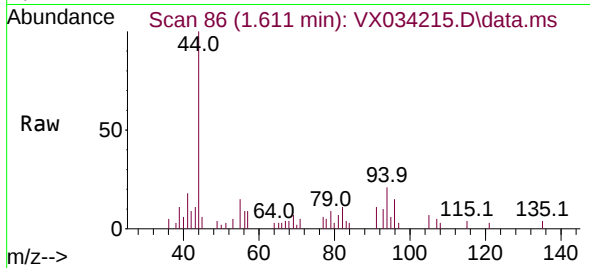
Tgt Ion: 62 Resp: 1060
Ion Ratio Lower Upper
62 100
64 33.9 26.2 39.4





#5
Bromomethane
Concen: 0.848 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX034215.D
Acq: 21 Feb 2023 17:28

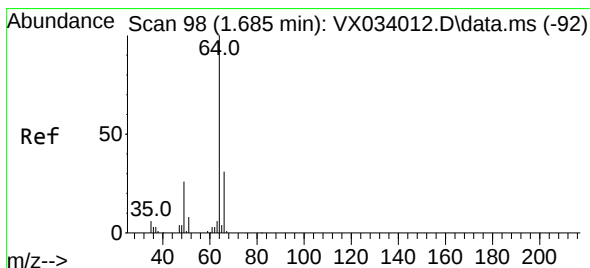
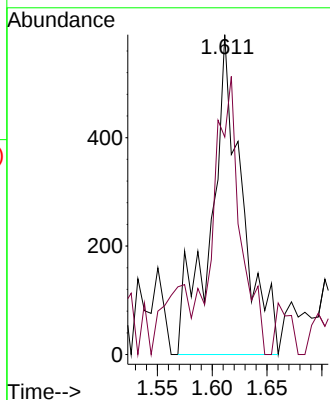
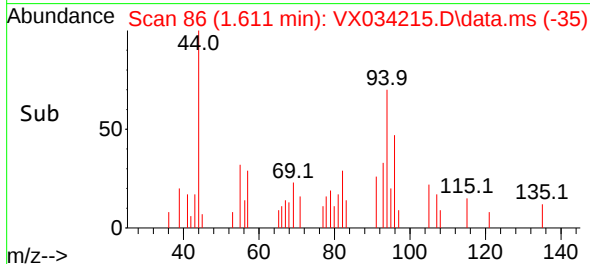
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023 .2PPB



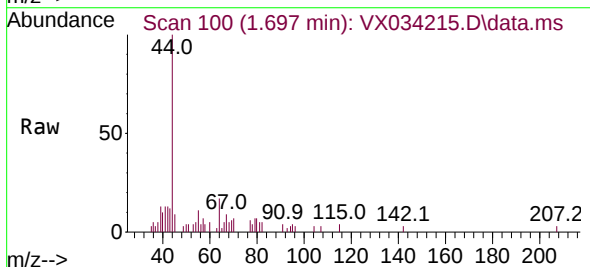
Tgt Ion: 94 Resp: 1180
Ion Ratio Lower Upper
94 100
96 51.9 74.3 111.5

Manual Integrations
APPROVED

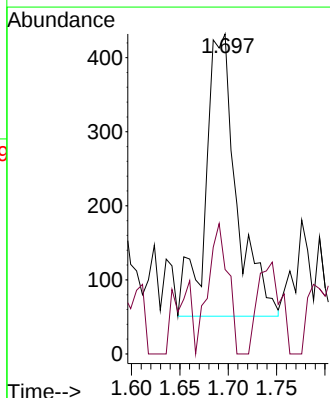
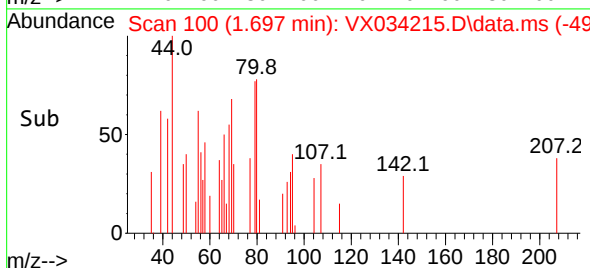
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

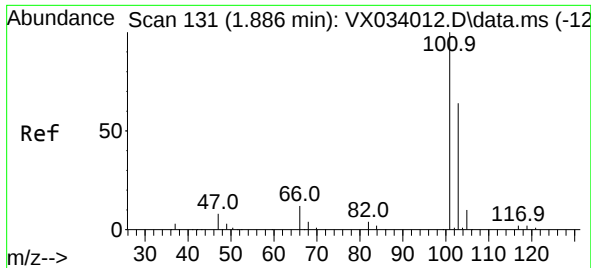


#6
Chloroethane
Concen: 0.481 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.012 min
Lab File: VX034215.D
Acq: 21 Feb 2023 17:28



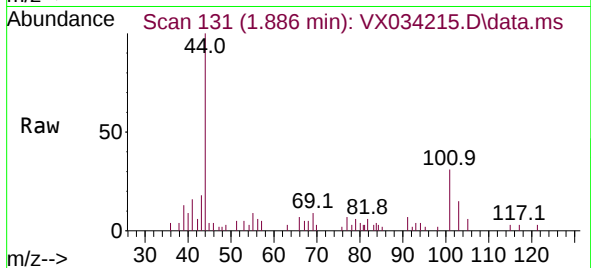
Tgt Ion: 64 Resp: 848
Ion Ratio Lower Upper
64 100
66 15.0 26.1 39.1





#7
Trichlorofluoromethane
Concen: 0.286 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034215.D
Acq: 21 Feb 2023 17:28

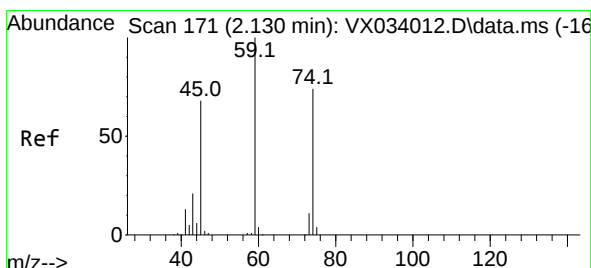
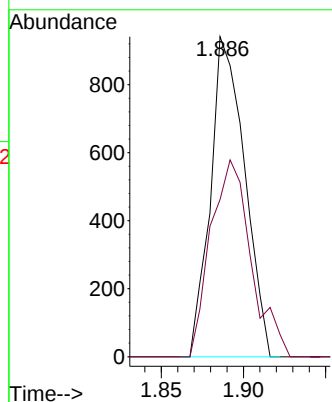
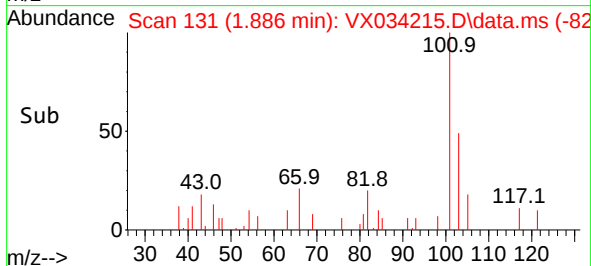
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023 .2PPB



Tgt Ion:101 Resp: 135
Ion Ratio Lower Upper
101 100
103 49.1 50.6 75.8

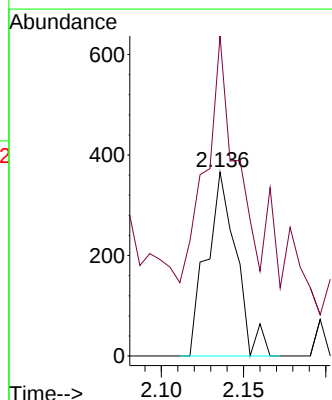
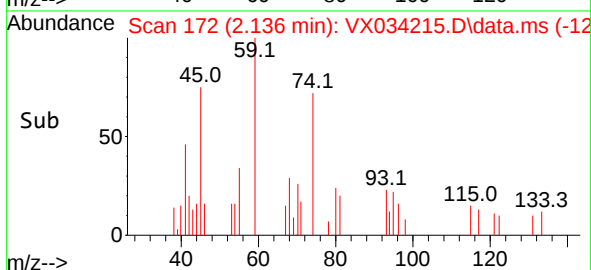
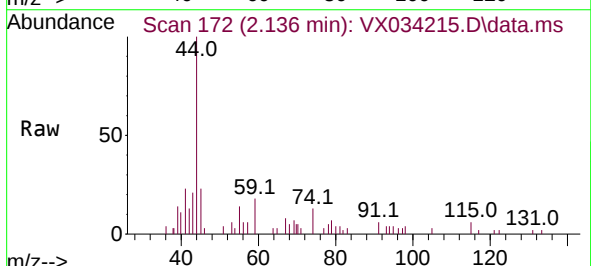
Manual Integrations
APPROVED

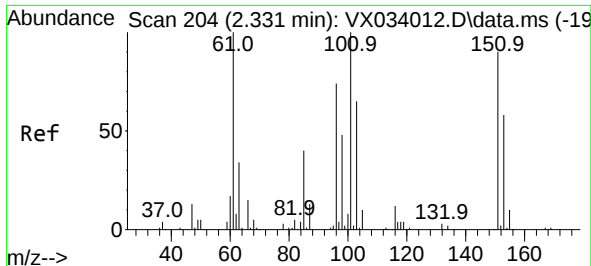
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#8
Diethyl Ether
Concen: 0.238 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX034215.D
Acq: 21 Feb 2023 17:28

Tgt Ion: 74 Resp: 455
Ion Ratio Lower Upper
74 100
45 132.5 51.5 154.5





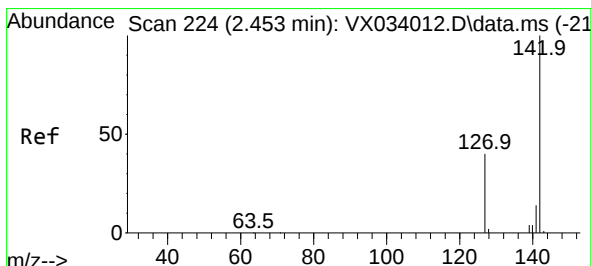
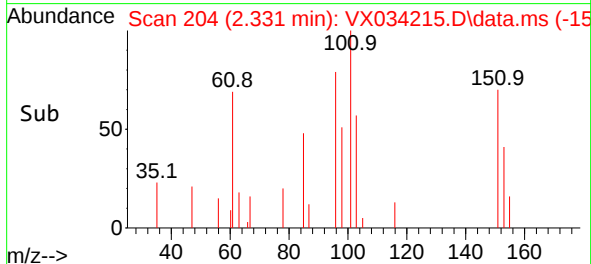
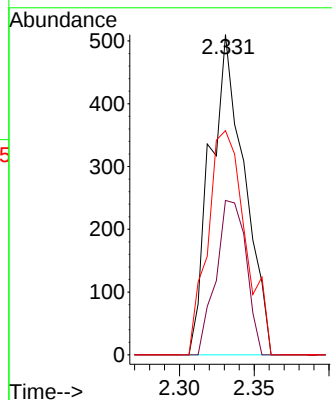
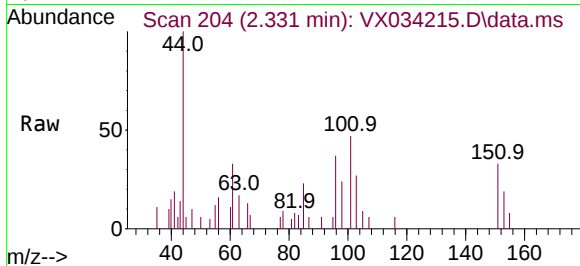
#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.243 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX034215.D
Acq: 21 Feb 2023 17:28

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023 .2PPB

Tgt Ion:101 Resp: 812
Ion Ratio Lower Upper
101 100
85 42.5 36.7 55.1
151 77.2 66.5 99.7

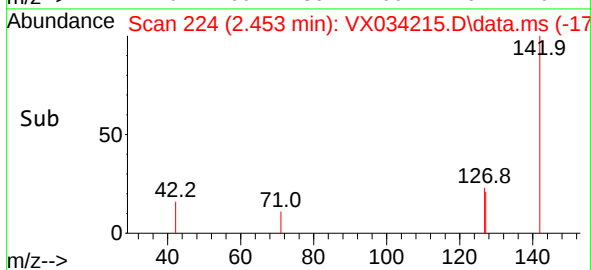
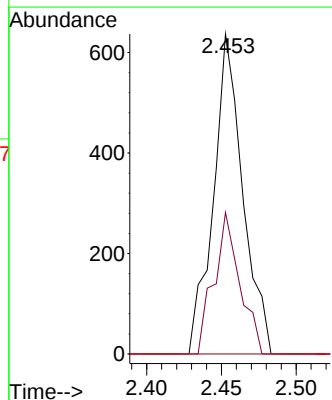
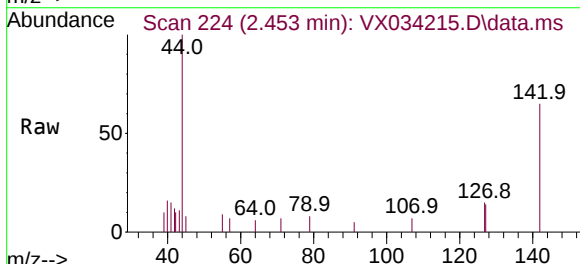
Manual Integrations
APPROVED

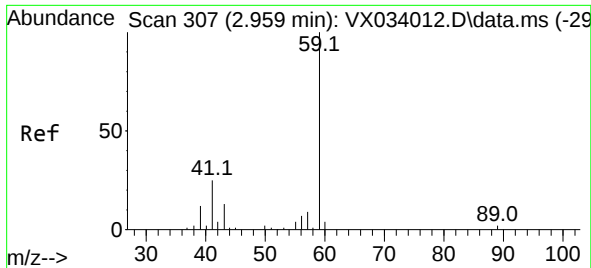
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#10
Methyl Iodide
Concen: 0.214 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX034215.D
Acq: 21 Feb 2023 17:28

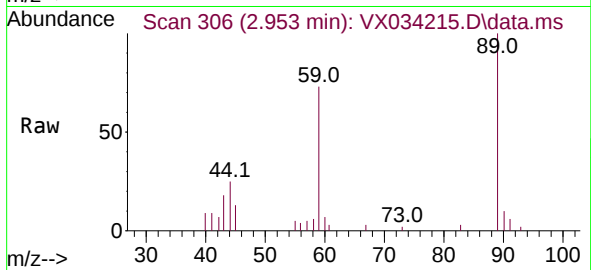
Tgt Ion:142 Resp: 871
Ion Ratio Lower Upper
142 100
127 38.8 37.3 55.9
141 0.0 11.5 17.3#





#11
Tert butyl alcohol
Concen: 4.417 ug/l
RT: 2.953 min Scan# 307
Delta R.T. 0.000 min
Lab File: VX034215.D
Acq: 21 Feb 2023 17:28

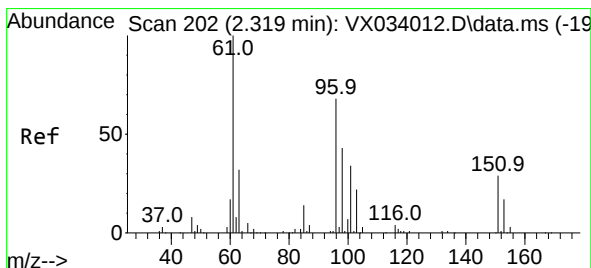
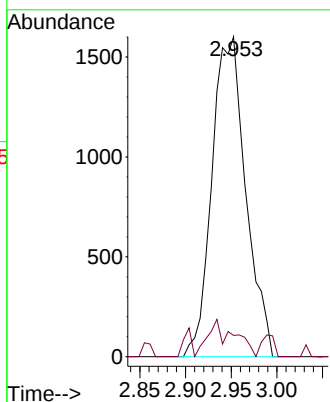
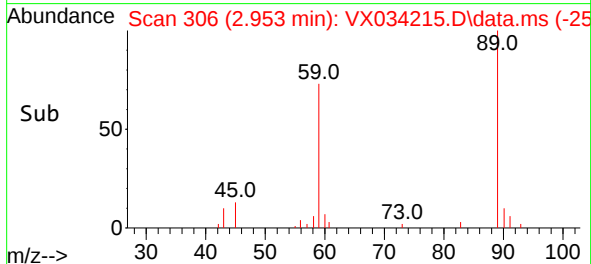
Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023 .2PPB



Tgt Ion: 59 Resp: 4118
Ion Ratio Lower Upper
59 100
57 6.7 3.7 5.5

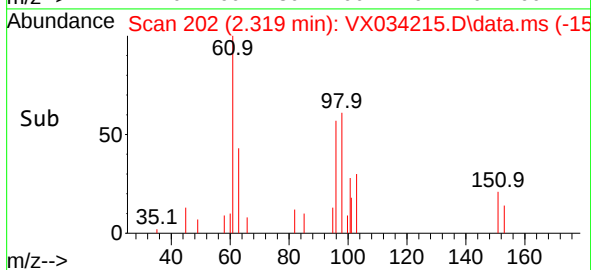
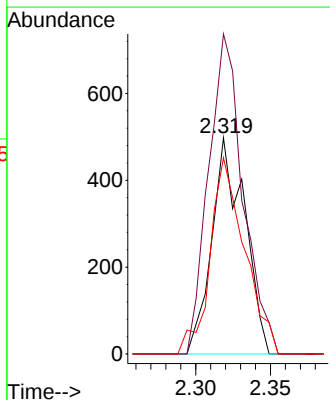
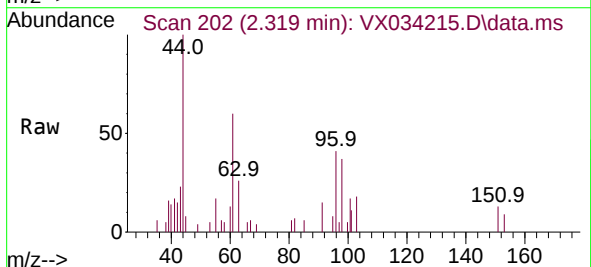
Manual Integrations
APPROVED

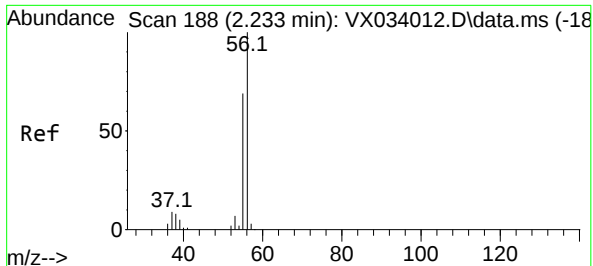
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#12
1,1-Dichloroethene
Concen: 0.226 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX034215.D
Acq: 21 Feb 2023 17:28

Tgt Ion: 96 Resp: 758
Ion Ratio Lower Upper
96 100
61 148.0 134.2 201.4
98 90.8 50.2 75.2#





#13

Acrolein

Concen: 1.560 ug/l

RT: 2.233 min Scan# 188

Delta R.T. 0.000 min

Lab File: VX034215.D

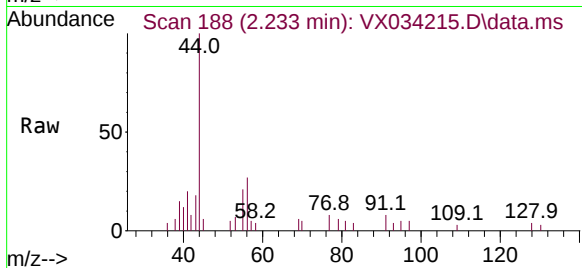
Acq: 21 Feb 2023 17:28

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023 .2PPB



Tgt Ion: 56 Resp: 664

Ion Ratio Lower Upper

56 100

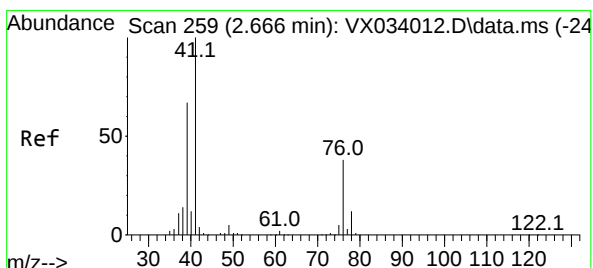
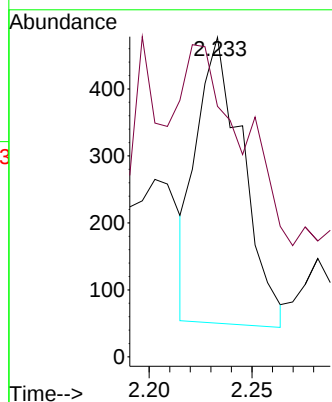
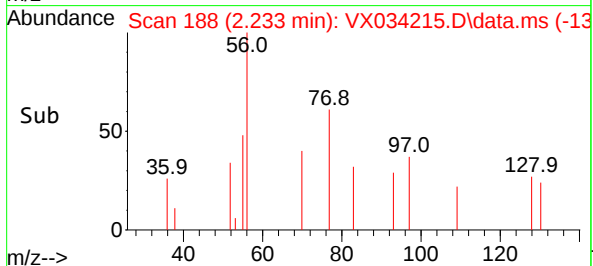
55 92.5 56.3 84.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#14

Allyl chloride

Concen: 0.245 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.006 min

Lab File: VX034215.D

Acq: 21 Feb 2023 17:28

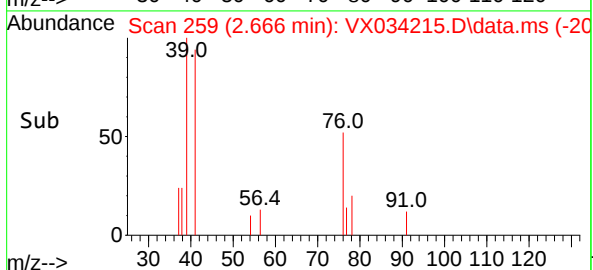
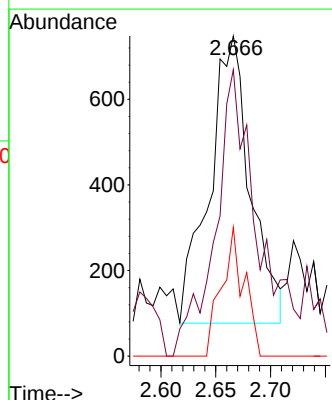
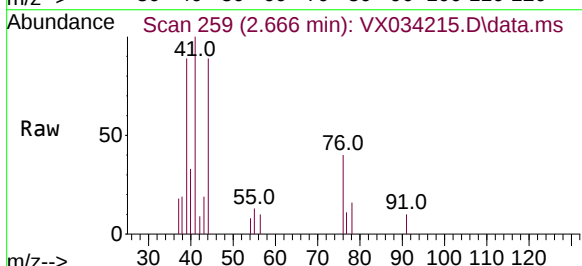
Tgt Ion: 41 Resp: 1741

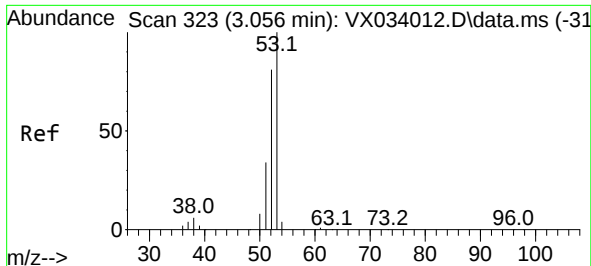
Ion Ratio Lower Upper

41 100

39 103.7 59.0 88.4

76 25.0 24.6 37.0





#15

Acrylonitrile

Concen: 1.149 ug/l

RT: 3.081 min Scan# 31

Delta R.T. 0.024 min

Lab File: VX034215.D

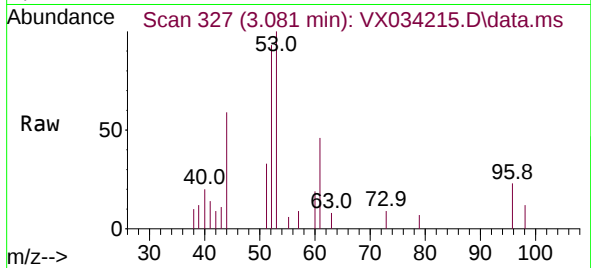
Acq: 21 Feb 2023 17:28

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023 .2PPB



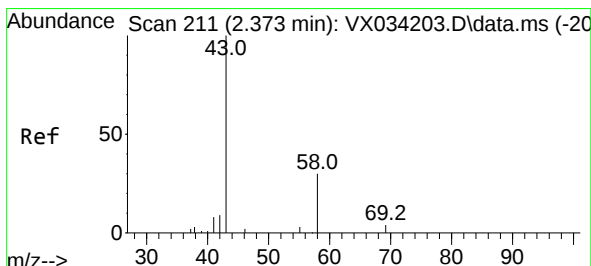
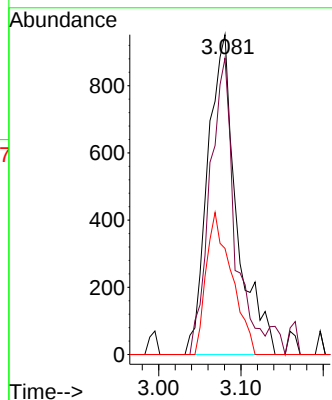
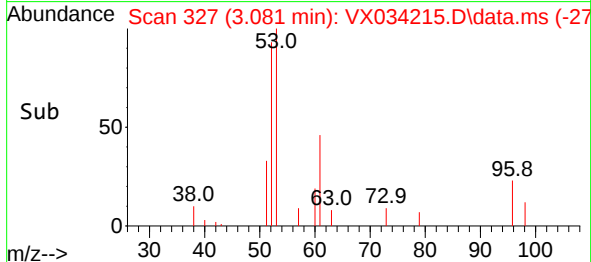
Tgt Ion:	53	Resp:	233
Ion	Ratio	Lower	Upper
53	100		
52	79.5	65.7	98.5
51	38.8	29.0	43.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#16

Acetone

Concen: 1.484 ug/l

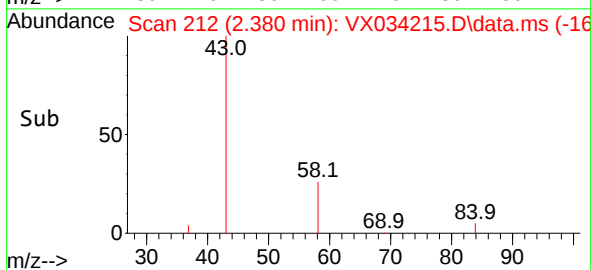
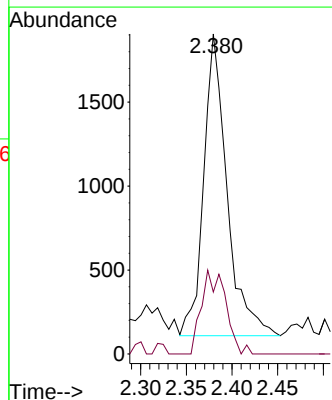
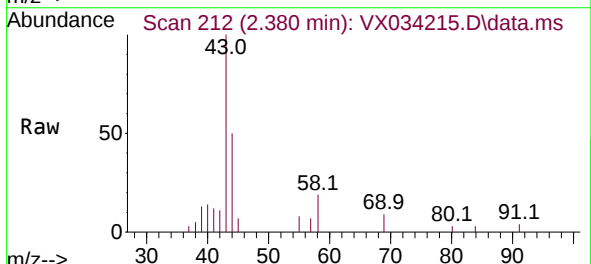
RT: 2.380 min Scan# 212

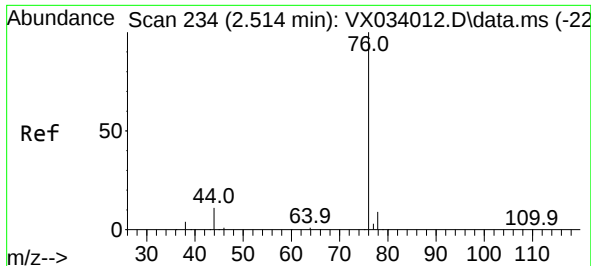
Delta R.T. 0.006 min

Lab File: VX034215.D

Acq: 21 Feb 2023 17:28

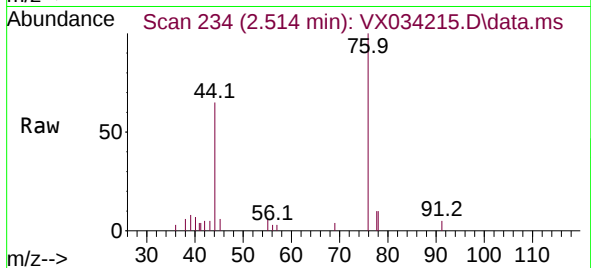
Tgt Ion:	43	Resp:	3191
Ion	Ratio	Lower	Upper
43	100		
58	20.5	22.6	33.8#





#17
Carbon Disulfide
Concen: 0.322 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX034215.D
Acq: 21 Feb 2023 17:28

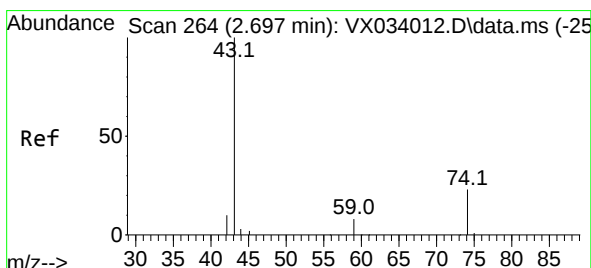
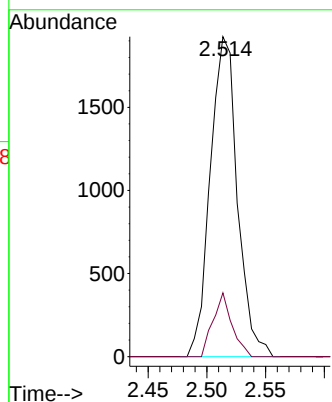
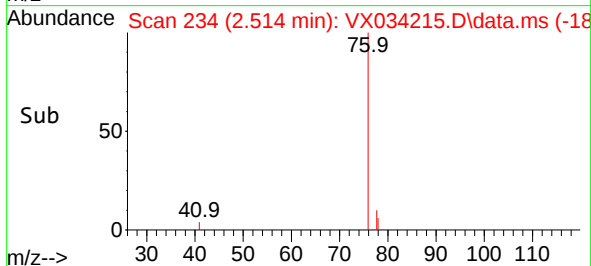
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023 .2PPB



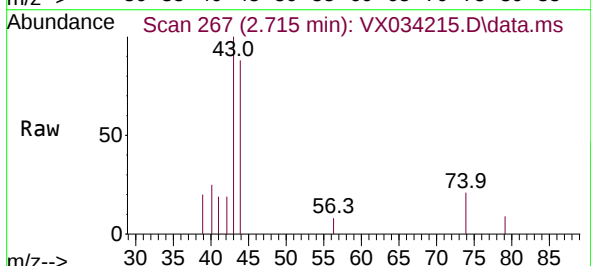
Tgt Ion: 76 Resp: 3098
Ion Ratio Lower Upper
76 100
78 19.9 7.0 10.6

Manual Integrations
APPROVED

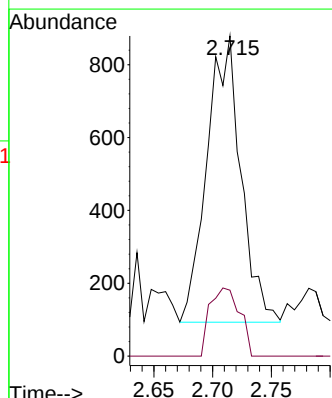
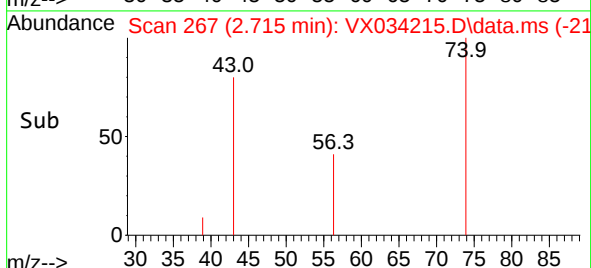
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

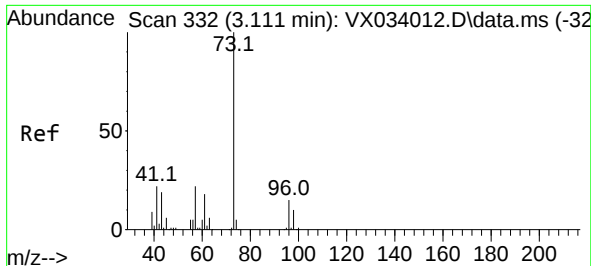


#18
Methyl Acetate
Concen: 0.237 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.018 min
Lab File: VX034215.D
Acq: 21 Feb 2023 17:28



Tgt Ion: 43 Resp: 1576
Ion Ratio Lower Upper
43 100
74 20.9 18.2 27.4





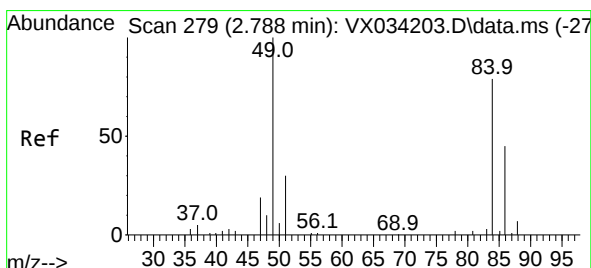
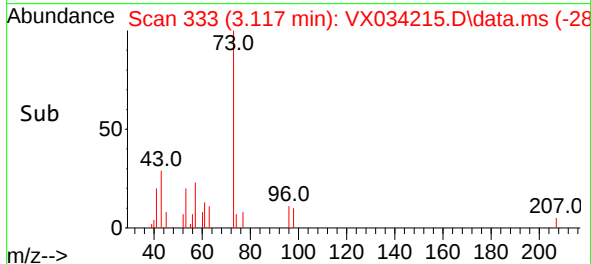
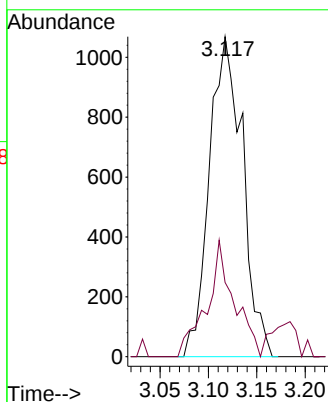
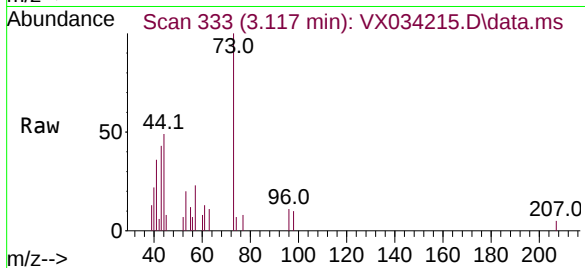
#19
Methyl tert-butyl Ether
Concen: 0.216 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX034215.D
Acq: 21 Feb 2023 17:28

Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023 .2PPB

Tgt Ion: 73 Resp: 2550
Ion Ratio Lower Upper
73 100
57 23.2 17.4 26.0

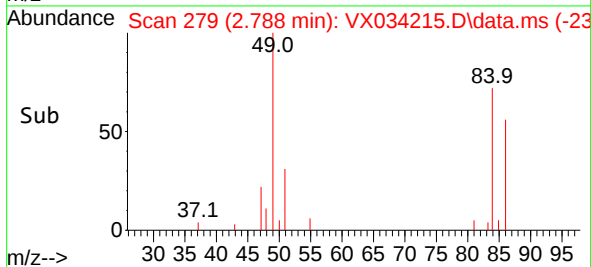
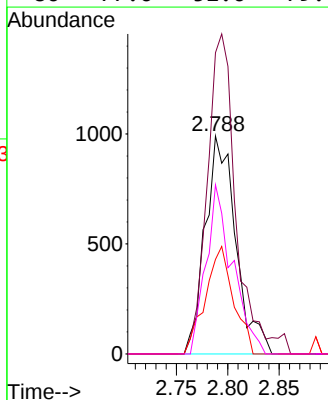
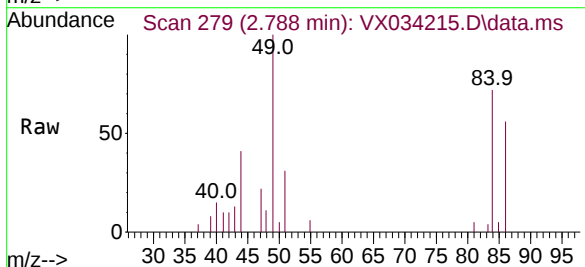
Manual Integrations
APPROVED

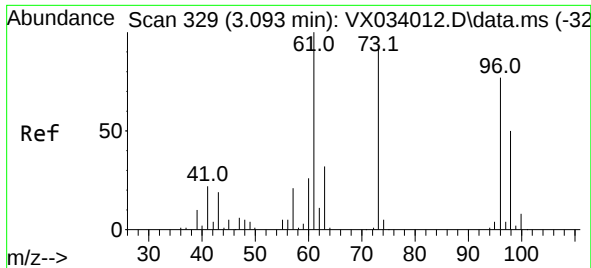
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#20
Methylene Chloride
Concen: 0.530 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX034215.D
Acq: 21 Feb 2023 17:28

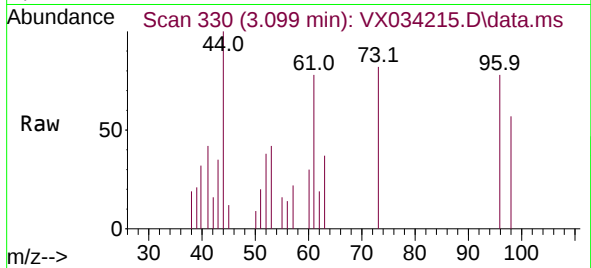
Tgt Ion: 84 Resp: 2053
Ion Ratio Lower Upper
84 100
49 138.2 101.1 151.7
51 43.4 31.0 46.6
86 77.6 52.6 79.0





#21
trans-1,2-Dichloroethene
Concen: 0.261 ug/l
RT: 3.099 min Scan# 310
Delta R.T. 0.012 min
Lab File: VX034215.D
Acq: 21 Feb 2023 17:28

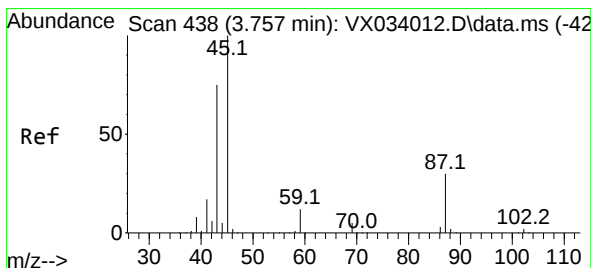
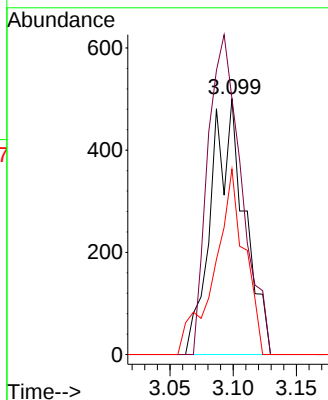
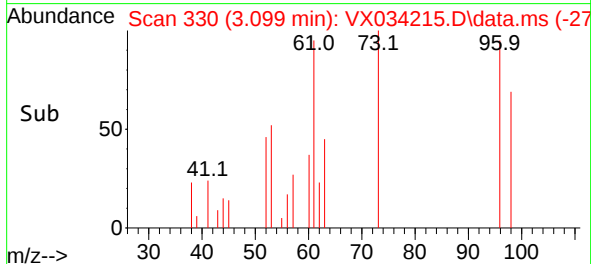
Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023 .2PPB



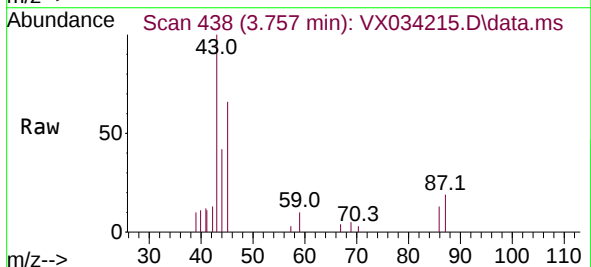
Tgt Ion: 96 Resp: 910
Ion Ratio Lower Upper
96 100
61 100.0 106.7 160.1#
98 72.5 50.0 75.0

Manual Integrations
APPROVED

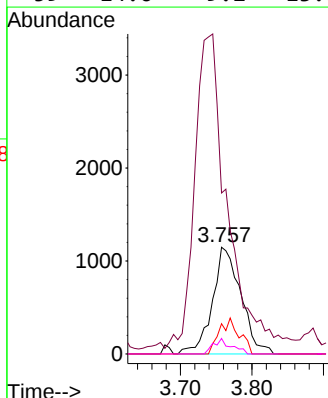
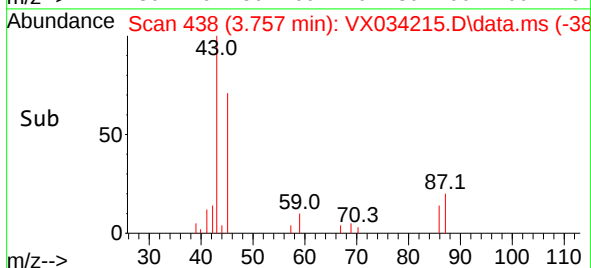
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

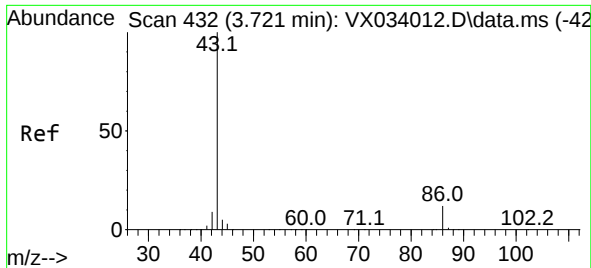


#22
Diisopropyl ether
Concen: 0.256 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX034215.D
Acq: 21 Feb 2023 17:28



Tgt Ion: 45 Resp: 3185
Ion Ratio Lower Upper
45 100
43 137.4 64.6 97.0#
87 28.3 21.9 32.9
59 14.6 9.2 13.8#





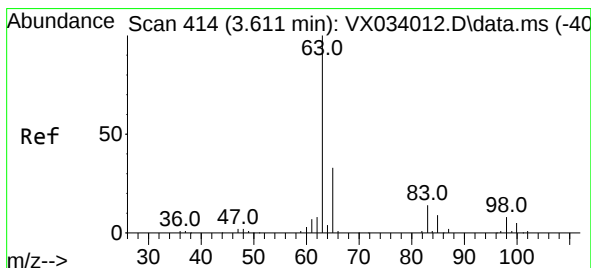
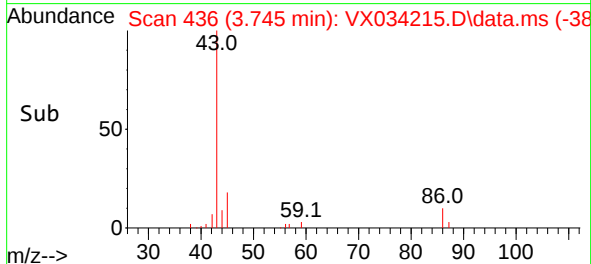
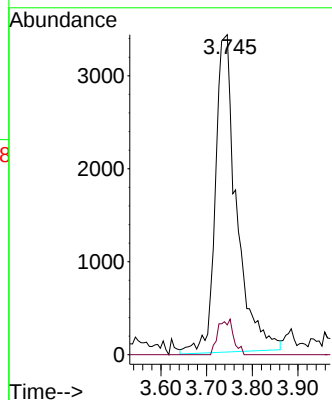
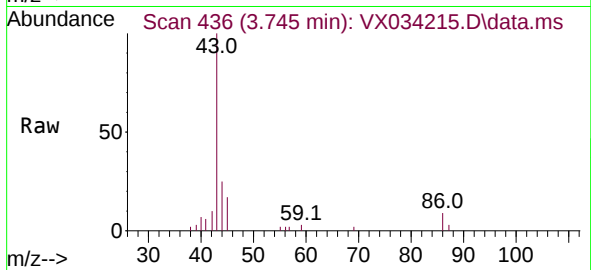
#23
 Vinyl Acetate
 Concen: 1.109 ug/l
 RT: 3.745 min Scan# 41
 Delta R.T. 0.031 min
 Lab File: VX034215.D
 Acq: 21 Feb 2023 17:28

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2023 .2PPB

Tgt Ion: 43 Resp: 1105
 Ion Ratio Lower Upper
 43 100
 86 9.4 8.4 12.6

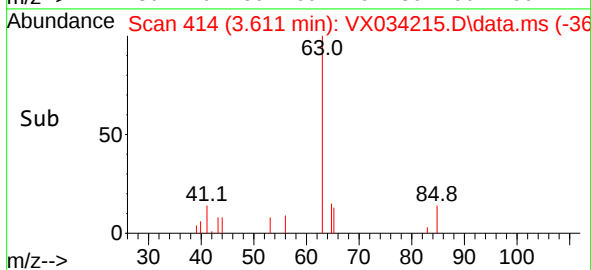
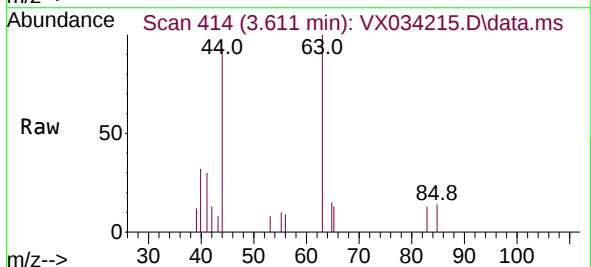
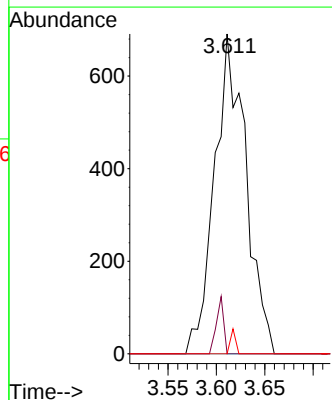
Manual Integrations
 APPROVED

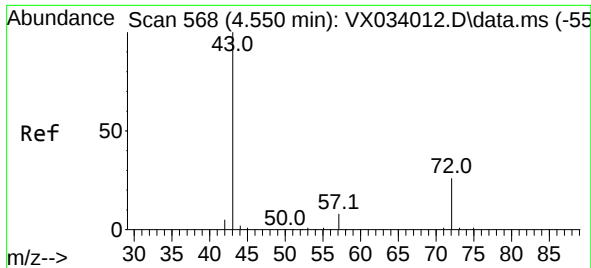
Reviewed By :John Carlone 02/22/2023
 Supervised By :Mahesh Dadoda 02/22/2023



#24
 1,1-Dichloroethane
 Concen: 0.228 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX034215.D
 Acq: 21 Feb 2023 17:28

Tgt Ion: 63 Resp: 1560
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.8 11.2#
 100 0.0 2.4 7.2#





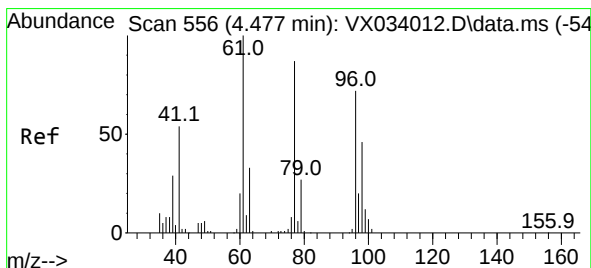
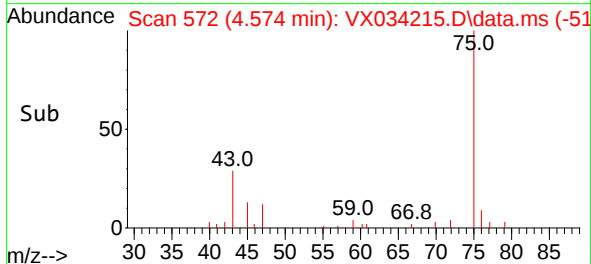
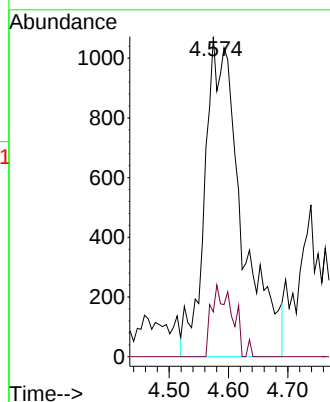
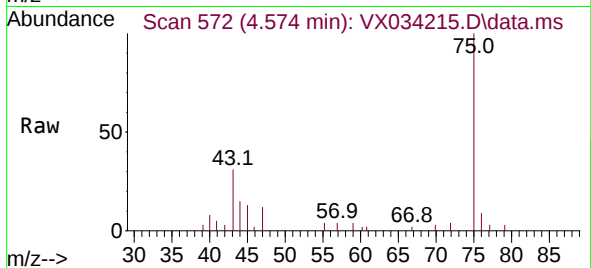
#25
2-Butanone
Concen: 1.477 ug/l m
RT: 4.574 min Scan# 51
Delta R.T. 0.031 min
Lab File: VX034215.D
Acq: 21 Feb 2023 17:28

Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023 .2PPB

Tgt Ion: 43 Resp: 4594
Ion Ratio Lower Upper
43 100
72 14.0 19.4 29.2

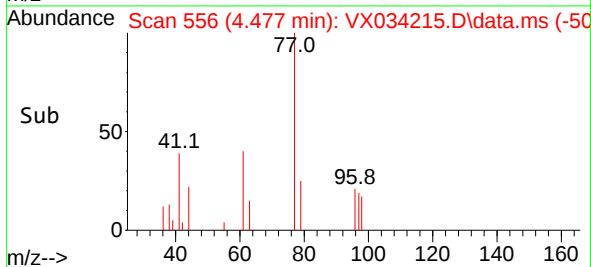
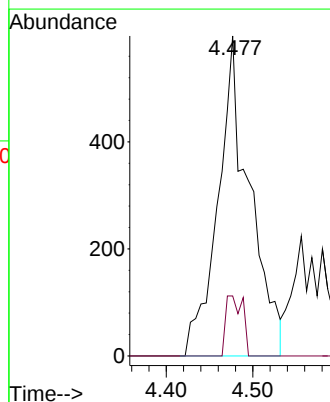
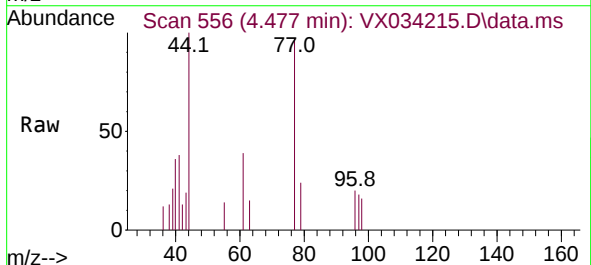
Manual Integrations
APPROVED

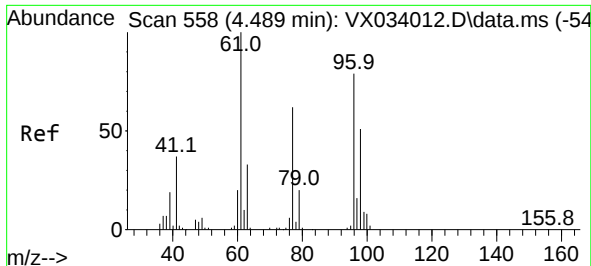
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#26
2,2-Dichloropropane
Concen: 0.245 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.006 min
Lab File: VX034215.D
Acq: 21 Feb 2023 17:28

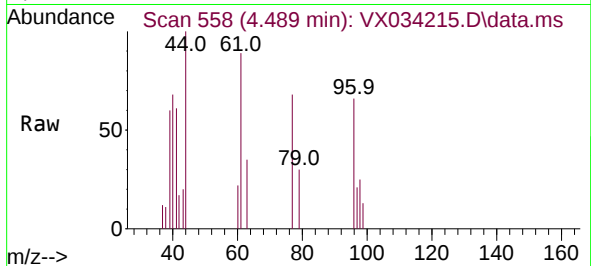
Tgt Ion: 77 Resp: 1514
Ion Ratio Lower Upper
77 100
97 10.0 11.9 35.5





#27
cis-1,2-Dichloroethene
Concen: 0.234 ug/l m
RT: 4.489 min Scan# 558
Delta R.T. 0.006 min
Lab File: VX034215.D
Acq: 21 Feb 2023 17:28

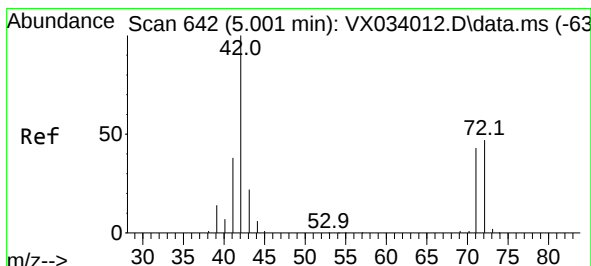
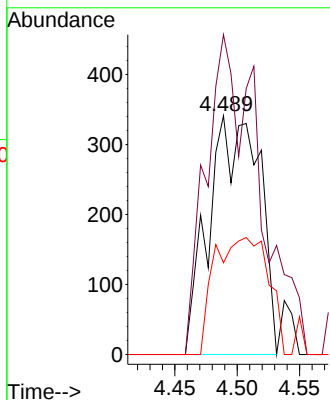
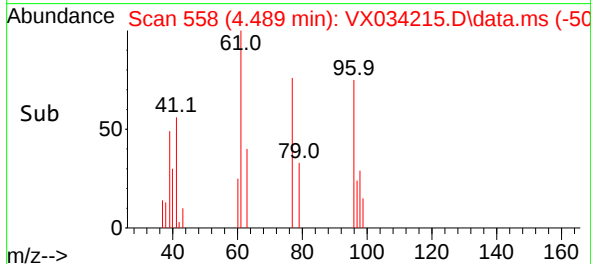
Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023 .2PPB



Tgt Ion: 96 Resp: 970
Ion Ratio Lower Upper
96 100
61 81.5 0.0 277.6
98 52.0 0.0 128.0

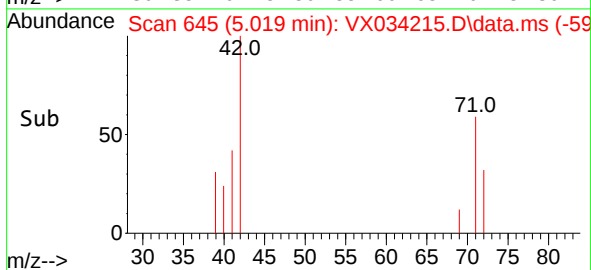
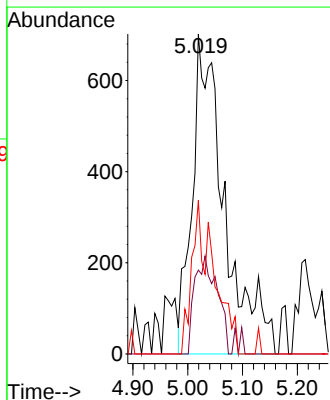
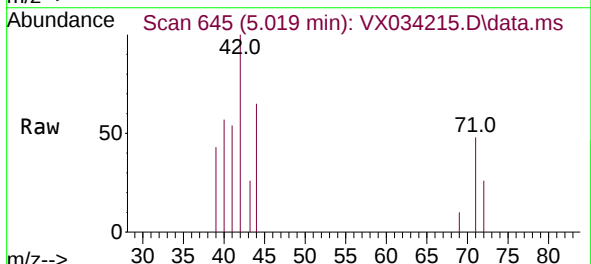
Manual Integrations
APPROVED

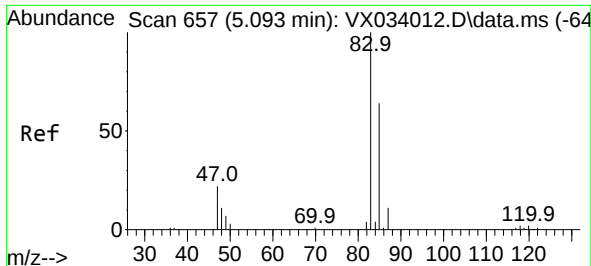
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#29
Tetrahydrofuran
Concen: 1.506 ug/l m
RT: 5.019 min Scan# 645
Delta R.T. 0.024 min
Lab File: VX034215.D
Acq: 21 Feb 2023 17:28

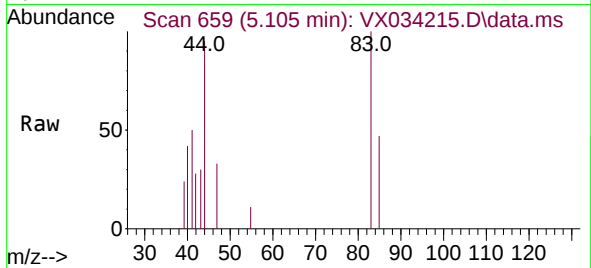
Tgt Ion: 42 Resp: 2859
Ion Ratio Lower Upper
42 100
72 21.5 34.8 52.2#
71 17.0 32.2 48.2#





#30
Chloroform
Concen: 0.237 ug/l
RT: 5.105 min Scan# 657
Delta R.T. 0.012 min
Lab File: VX034215.D
Acq: 21 Feb 2023 17:28

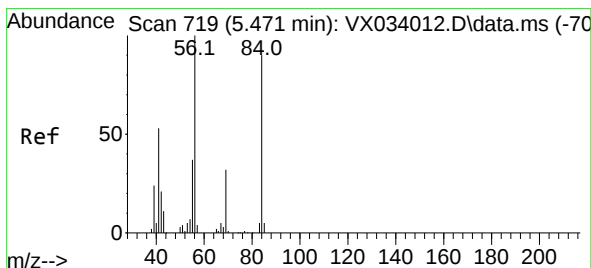
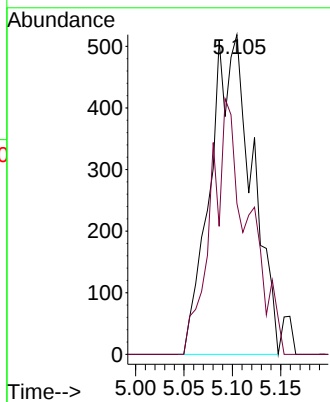
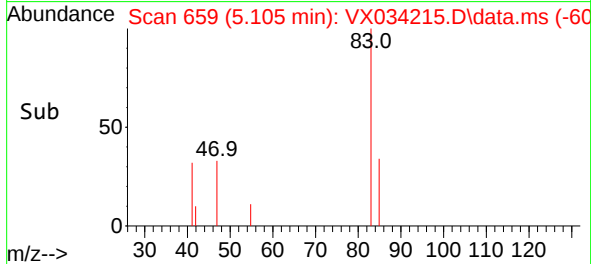
Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023 .2PPB



Tgt Ion: 83 Resp: 1550
Ion Ratio Lower Upper
83 100
85 47.2 52.1 78.1

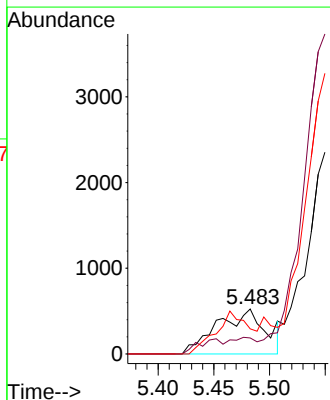
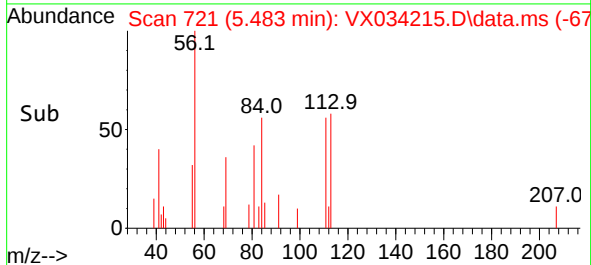
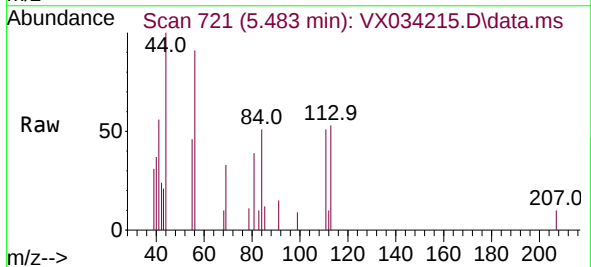
Manual Integrations
APPROVED

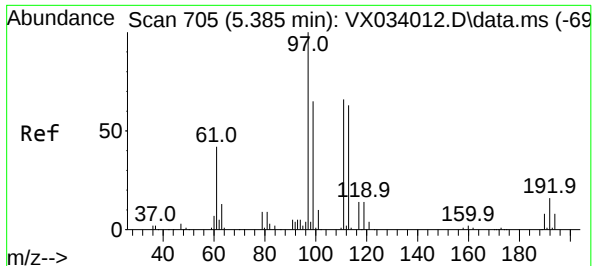
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#31
Cyclohexane
Concen: 0.254 ug/l m
RT: 5.483 min Scan# 721
Delta R.T. 0.012 min
Lab File: VX034215.D
Acq: 21 Feb 2023 17:28

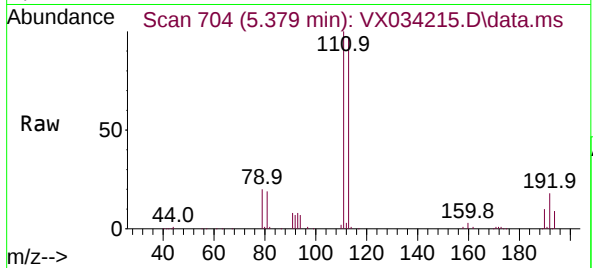
Tgt Ion: 56 Resp: 1583
Ion Ratio Lower Upper
56 100
69 35.7 24.6 37.0
84 56.1 71.0 106.6





#32
1,1,1-Trichloroethane
Concen: 0.245 ug/l
RT: 5.379 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034215.D
Acq: 21 Feb 2023 17:28

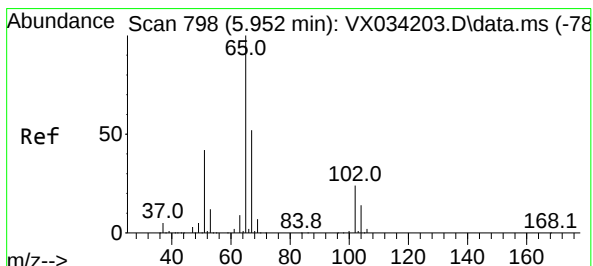
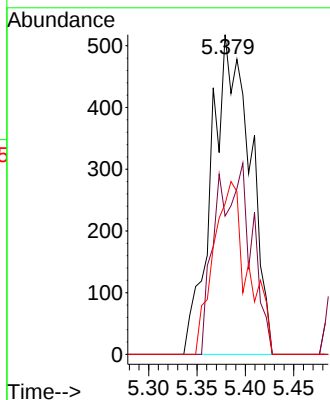
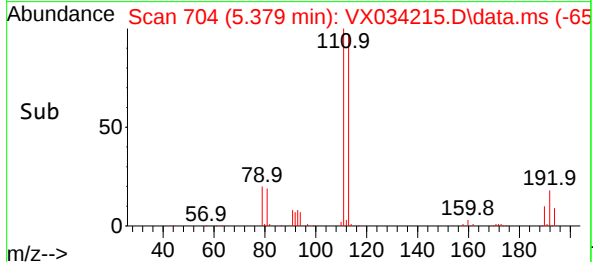
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023 .2PPB



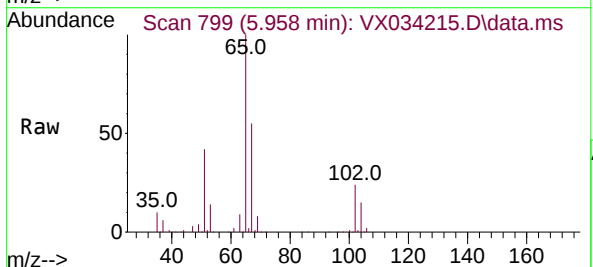
Tgt Ion: 97 Resp: 1440
Ion Ratio Lower Upper
97 100
99 0.0 52.3 78.5
61 48.0 35.2 52.8

Manual Integrations
APPROVED

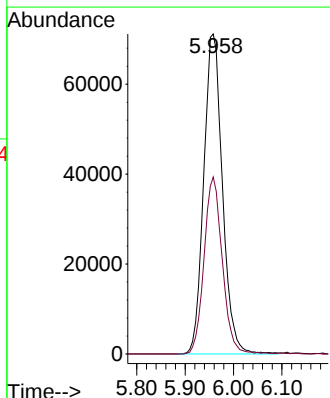
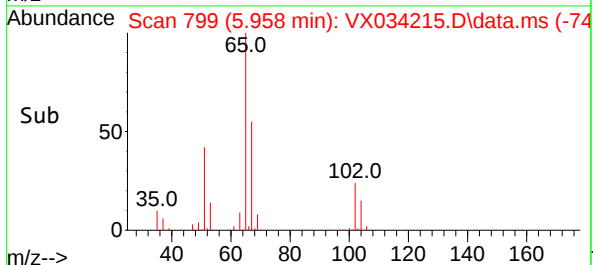
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

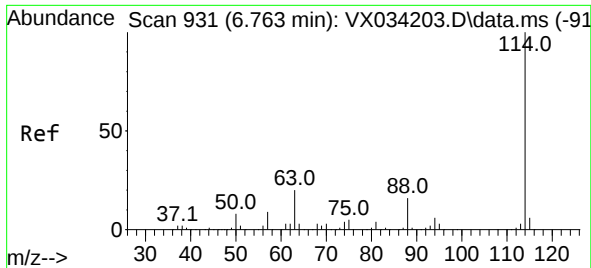


#33
1,2-Dichloroethane-d4
Concen: 45.942 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX034215.D
Acq: 21 Feb 2023 17:28



Tgt Ion: 65 Resp: 191483
Ion Ratio Lower Upper
65 100
67 53.8 0.0 104.8





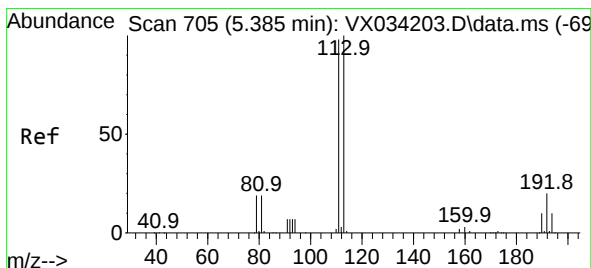
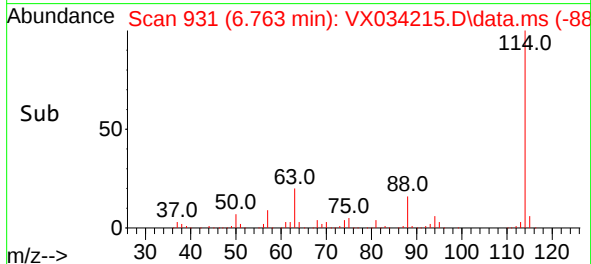
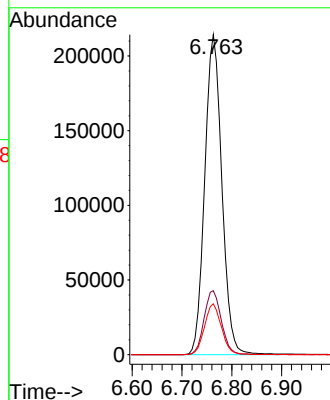
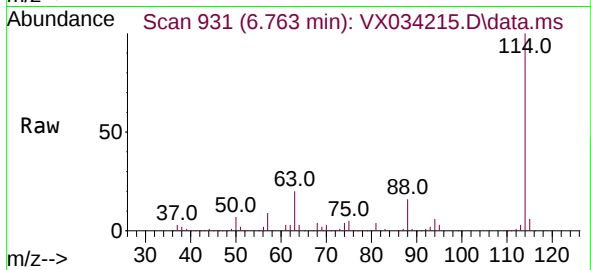
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX034215.D
Acq: 21 Feb 2023 17:28

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023 .2PPB

Tgt Ion:114 Resp: 511150
Ion Ratio Lower Upper
114 100
63 20.0 0.0 37.4
88 15.9 0.0 30.6

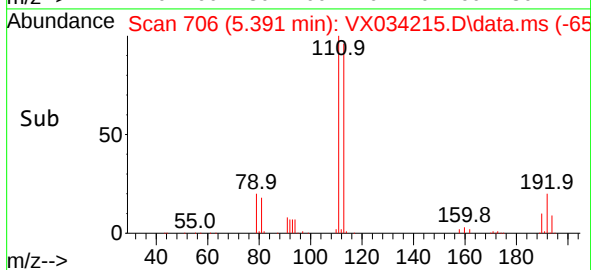
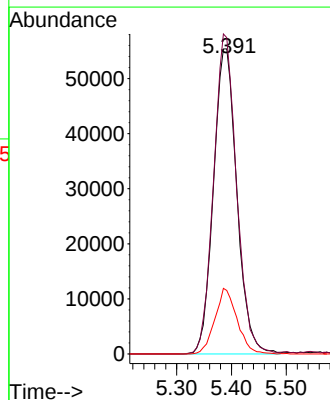
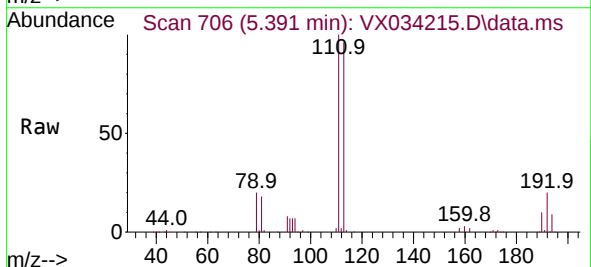
Manual Integrations
APPROVED

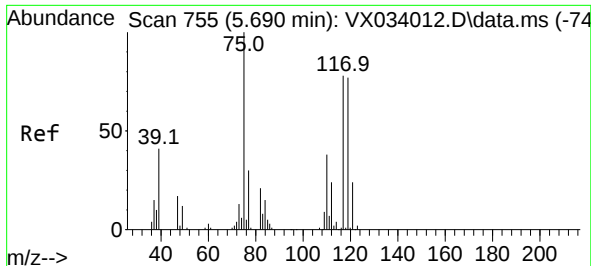
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#35
Dibromofluoromethane
Concen: 49.334 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX034215.D
Acq: 21 Feb 2023 17:28

Tgt Ion:113 Resp: 164188
Ion Ratio Lower Upper
113 100
111 102.9 83.0 124.6
192 20.3 19.0 28.4





#36

1,1-Dichloropropene

Concen: 0.267 ug/l

RT: 5.702 min Scan# 755

Delta R.T. 0.012 min

Lab File: VX034215.D

Acq: 21 Feb 2023 17:28

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023 .2PPB

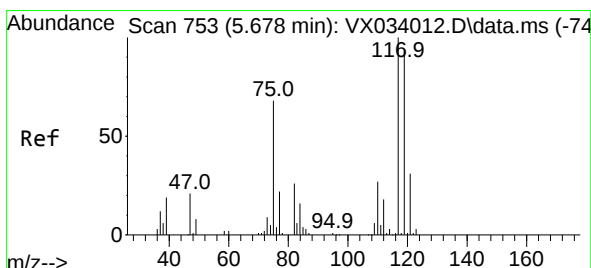
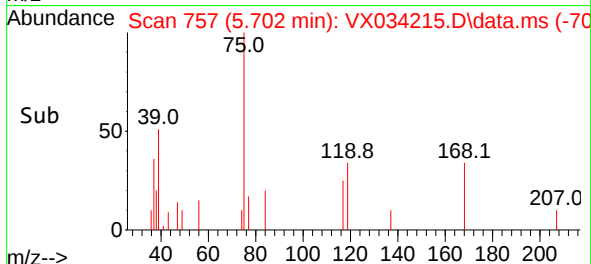
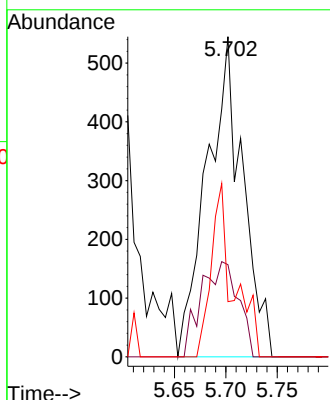
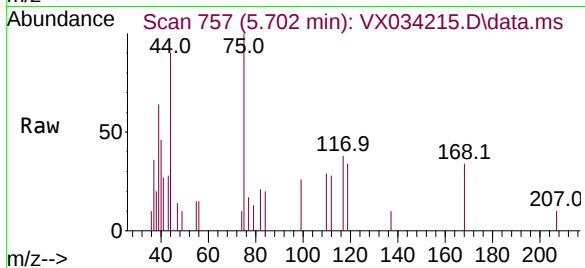
Tgt Ion: 75	Resp: 1314
Ion Ratio	Lower Upper
75	100
110	31.0 18.8 56.4
77	24.9 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#38

Carbon Tetrachloride

Concen: 0.297 ug/l

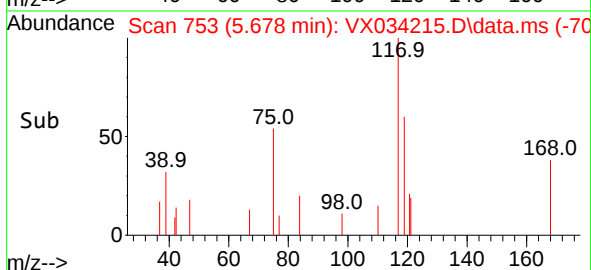
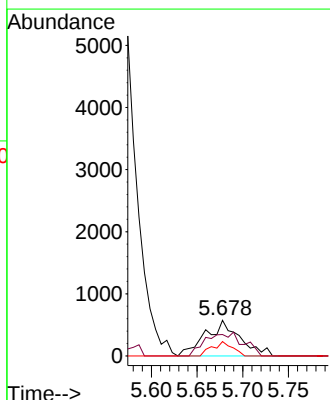
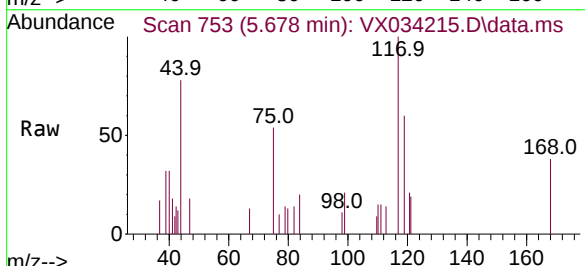
RT: 5.678 min Scan# 753

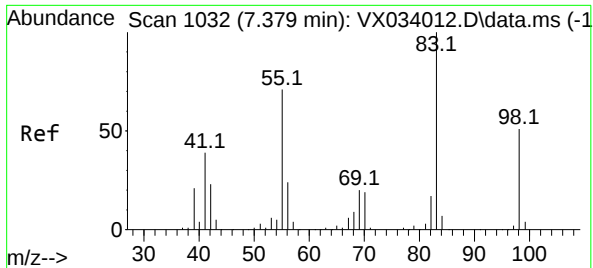
Delta R.T. 0.006 min

Lab File: VX034215.D

Acq: 21 Feb 2023 17:28

Tgt Ion: 117	Resp: 1504
Ion Ratio	Lower Upper
117	100
119	60.2 78.0 117.0#
121	40.5 24.4 36.6#





#39

Methylcyclohexane

Concen: 0.262 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX034215.D

Acq: 21 Feb 2023 17:28

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023 .2PPB

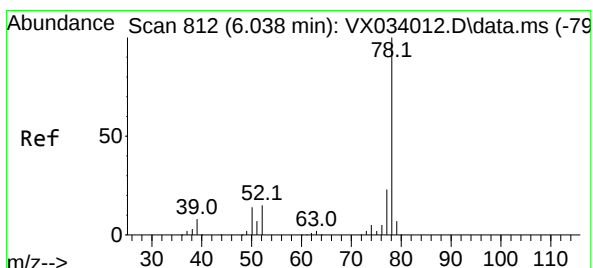
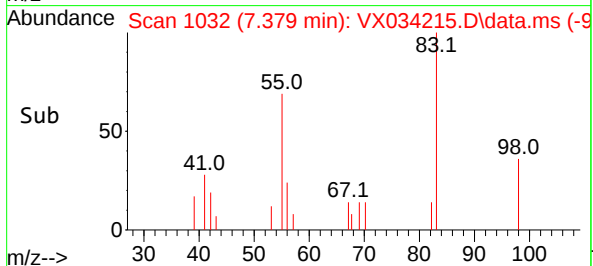
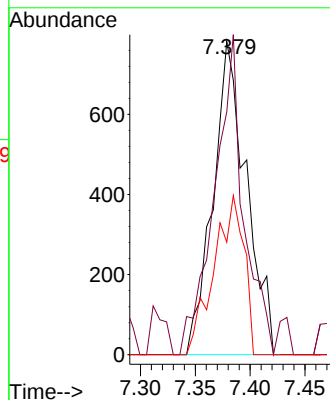
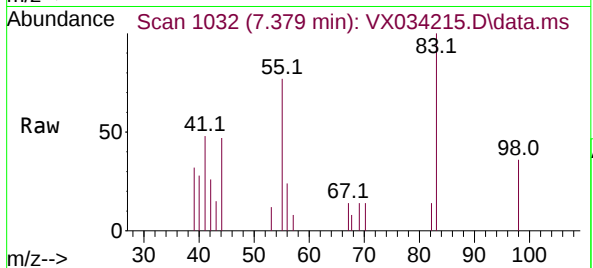
Tgt Ion: 83	Resp: 1660
Ion Ratio	Lower Upper
83	100
55	77.5 61.8 92.6
98	35.9 39.3 58.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#40

Benzene

Concen: 0.233 ug/l

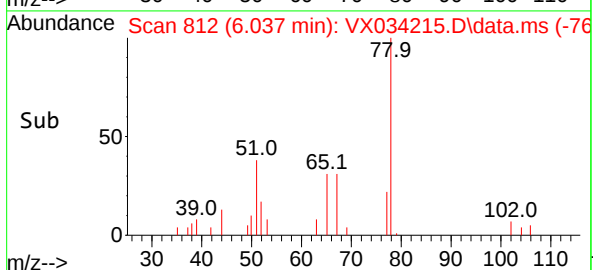
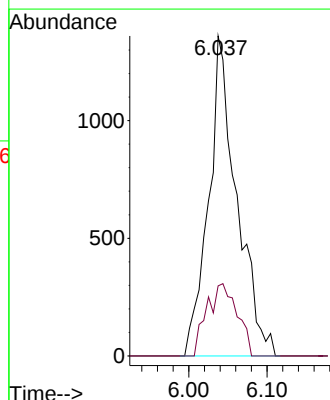
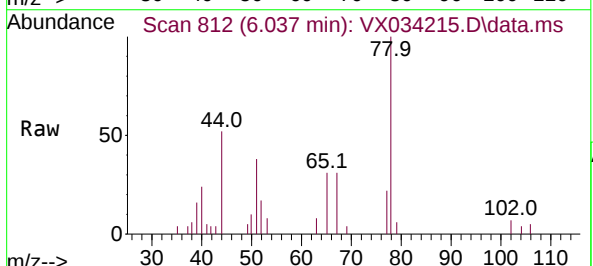
RT: 6.037 min Scan# 812

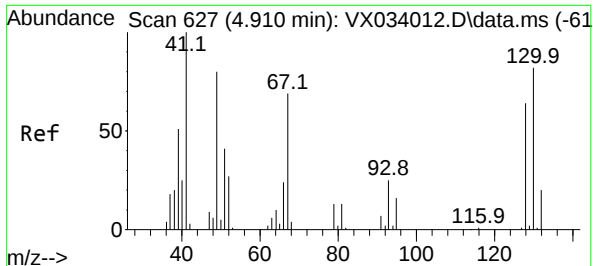
Delta R.T. 0.000 min

Lab File: VX034215.D

Acq: 21 Feb 2023 17:28

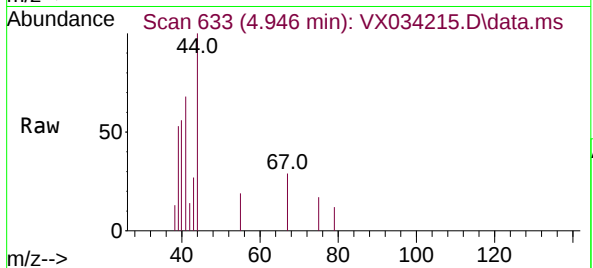
Tgt Ion: 78	Resp: 3392
Ion Ratio	Lower Upper
78	100
77	21.9 19.0 28.4





#41
Methacrylonitrile
Concen: 0.202 ug/l m
RT: 4.946 min Scan# 61
Delta R.T. 0.031 min
Lab File: VX034215.D
Acq: 21 Feb 2023 17:28

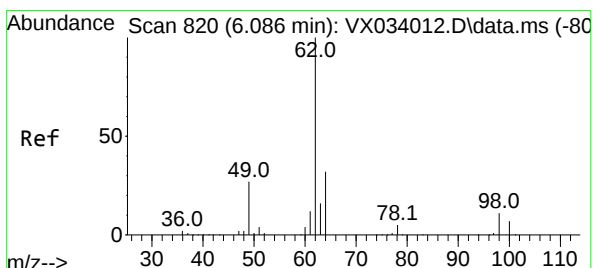
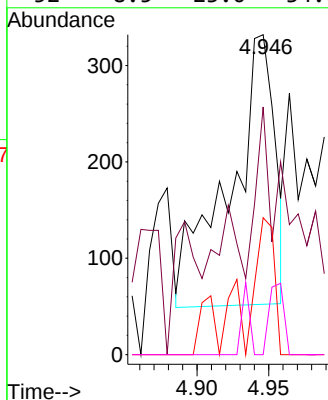
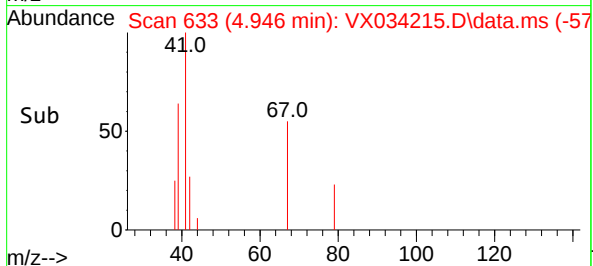
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023 .2PPB



Tgt Ion: 41 Resp: 620
Ion Ratio Lower Upper
41 100
39 33.7 43.8 65.6
67 20.5 54.8 82.2
52 8.5 23.0 34.6#

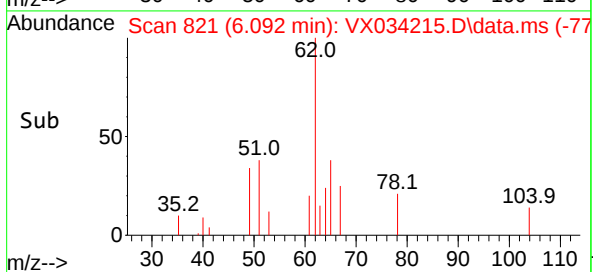
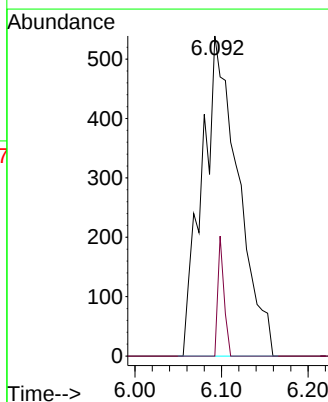
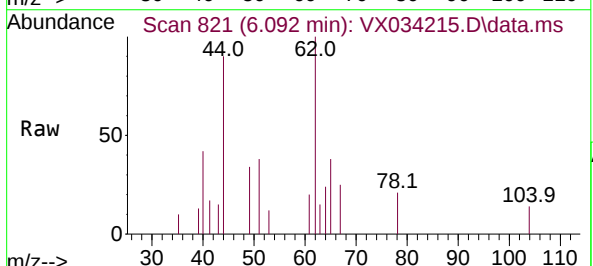
Manual Integrations
APPROVED

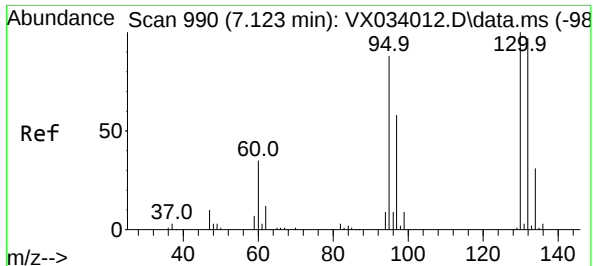
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#42
1,2-Dichloroethane
Concen: 0.305 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX034215.D
Acq: 21 Feb 2023 17:28

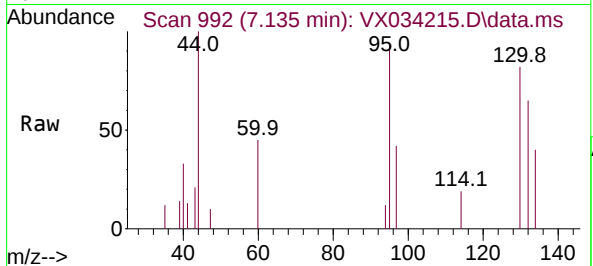
Tgt Ion: 62 Resp: 1565
Ion Ratio Lower Upper
62 100
98 6.4 0.0 20.2





#44
Trichloroethene
Concen: 0.276 ug/l
RT: 7.135 min Scan# 990
Delta R.T. 0.012 min
Lab File: VX034215.D
Acq: 21 Feb 2023 17:28

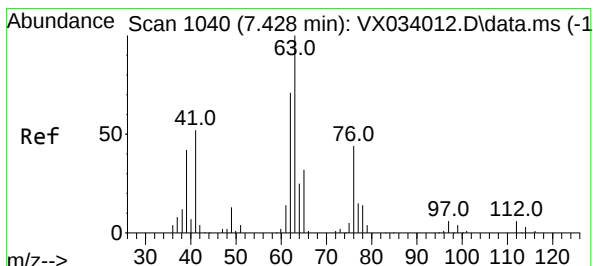
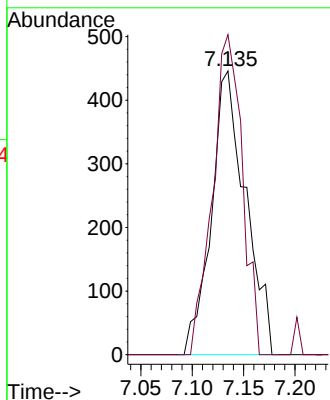
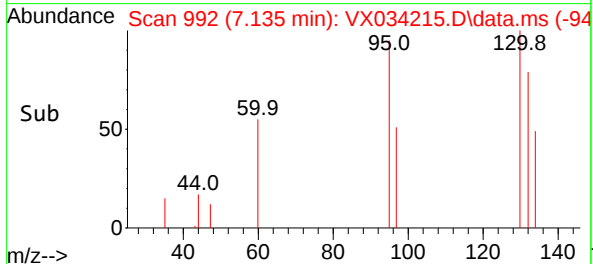
Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023 .2PPB



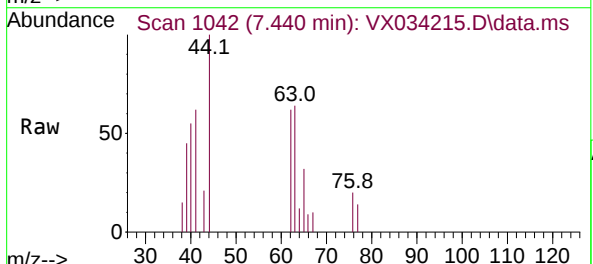
Tgt Ion:130 Resp: 1032
Ion Ratio Lower Upper
130 100
95 112.8 0.0 182.6

Manual Integrations
APPROVED

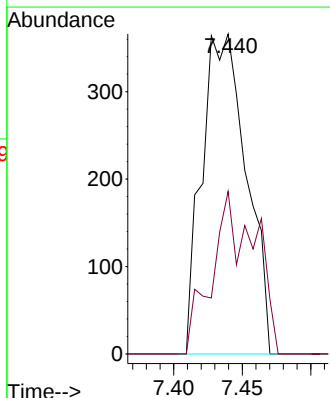
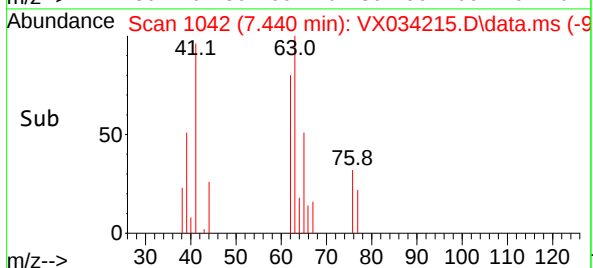
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

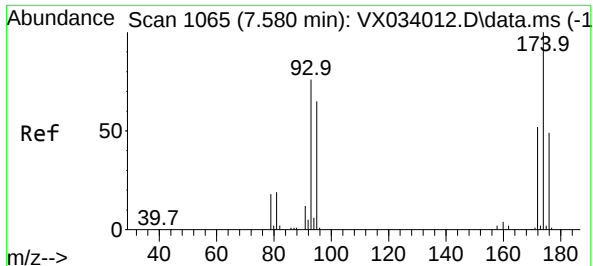


#45
1,2-Dichloropropane
Concen: 0.213 ug/l
RT: 7.440 min Scan# 1042
Delta R.T. 0.012 min
Lab File: VX034215.D
Acq: 21 Feb 2023 17:28



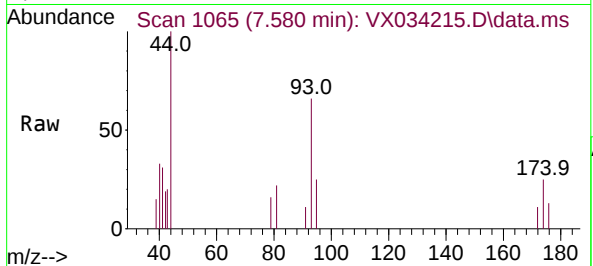
Tgt Ion: 63 Resp: 827
Ion Ratio Lower Upper
63 100
65 50.8 24.2 36.2#





#46
Dibromomethane
Concen: 0.223 ug/l
RT: 7.580 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VX034215.D
Acq: 21 Feb 2023 17:28

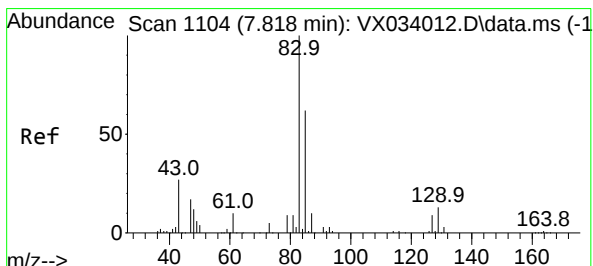
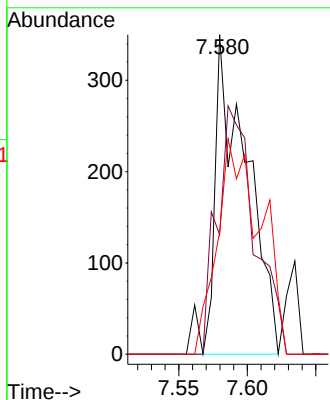
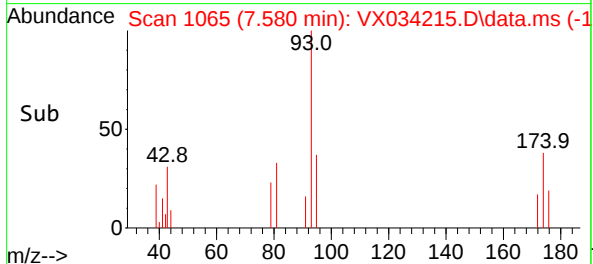
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023 .2PPB



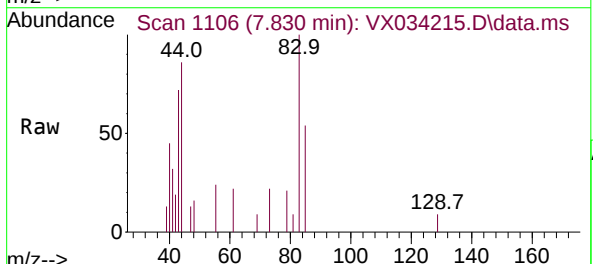
Tgt Ion: 93 Resp: 57
Ion Ratio Lower Upper
93 100
95 90.5 67.6 101.4
174 90.7 97.4 146.0

Manual Integrations
APPROVED

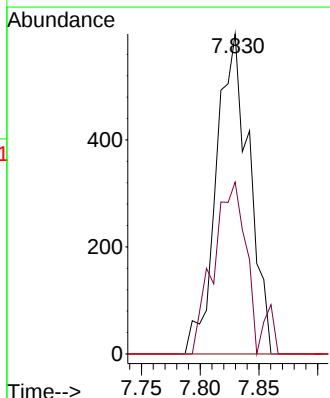
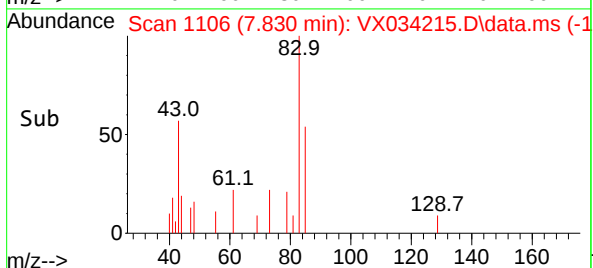
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

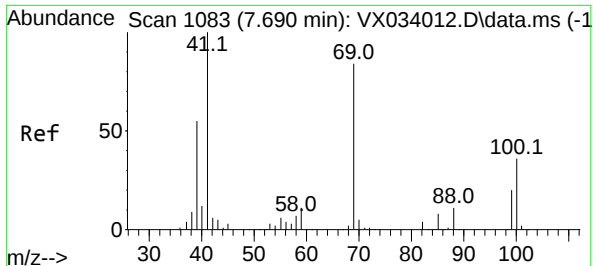


#47
Bromodichloromethane
Concen: 0.221 ug/l
RT: 7.830 min Scan# 1106
Delta R.T. 0.012 min
Lab File: VX034215.D
Acq: 21 Feb 2023 17:28



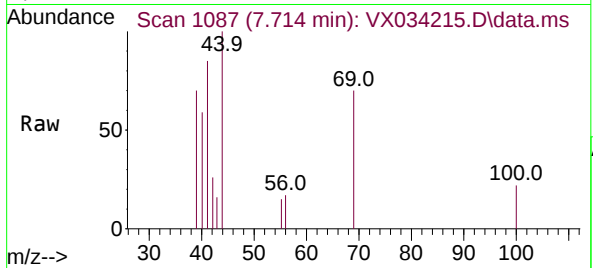
Tgt Ion: 83 Resp: 1159
Ion Ratio Lower Upper
83 100
85 53.7 49.8 74.6
127 0.0 7.0 10.4





#48
Methyl methacrylate
Concen: 0.279 ug/l
RT: 7.714 min Scan# 1087
Delta R.T. 0.024 min
Lab File: VX034215.D
Acq: 21 Feb 2023 17:28

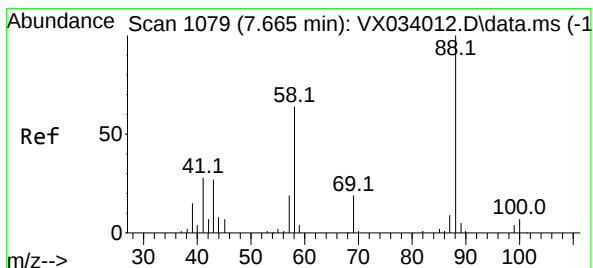
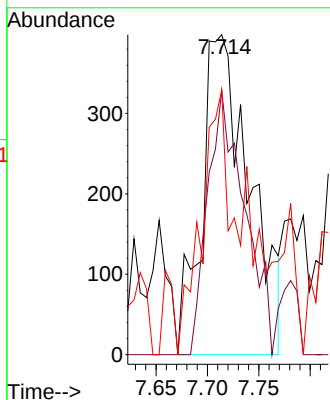
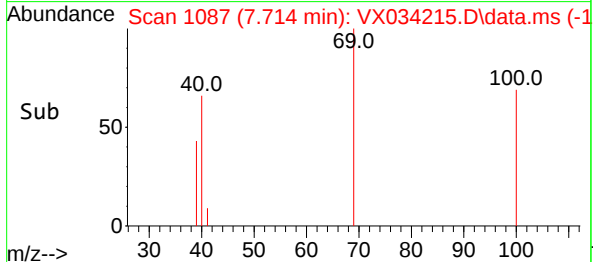
Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023 .2PPB



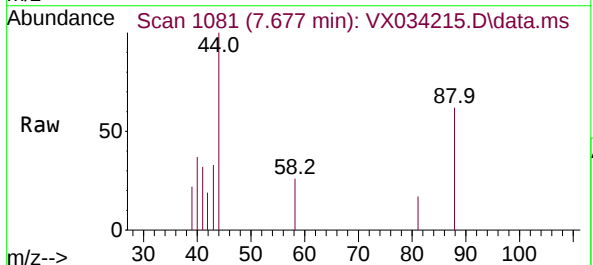
Tgt Ion: 41 Resp: 1284
Ion Ratio Lower Upper
41 100
69 64.1 63.1 94.7
39 51.5 43.2 64.8

Manual Integrations
APPROVED

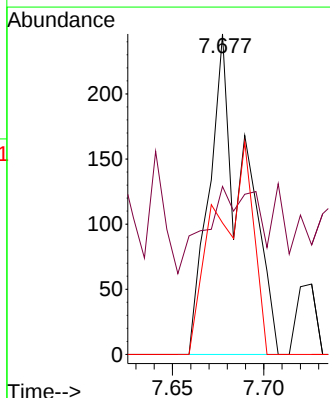
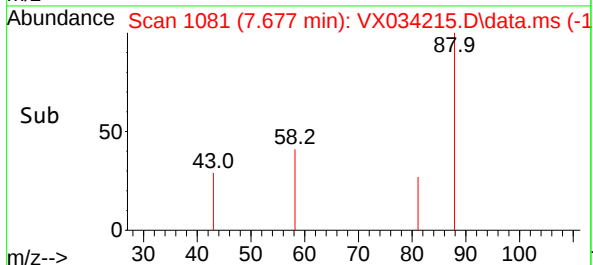
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

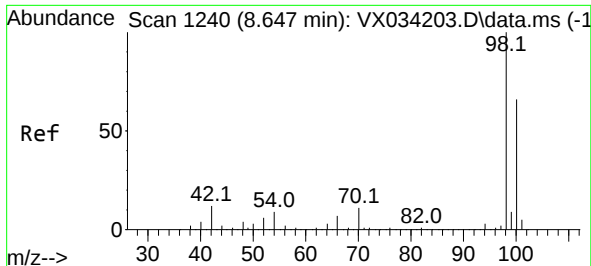


#49
1,4-Dioxane
Concen: 3.580 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. 0.024 min
Lab File: VX034215.D
Acq: 21 Feb 2023 17:28



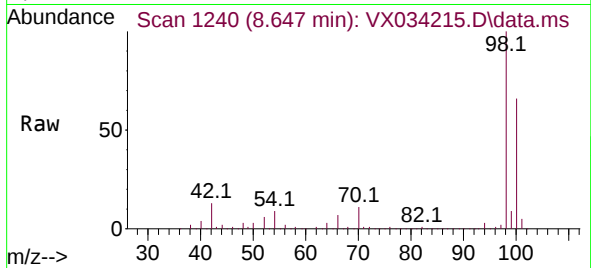
Tgt Ion: 88 Resp: 329
Ion Ratio Lower Upper
88 100
43 54.1 0.0 0.0#
58 67.8 56.5 84.7





#50
Toluene-d8
Concen: 50.874 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034215.D
Acq: 21 Feb 2023 17:28

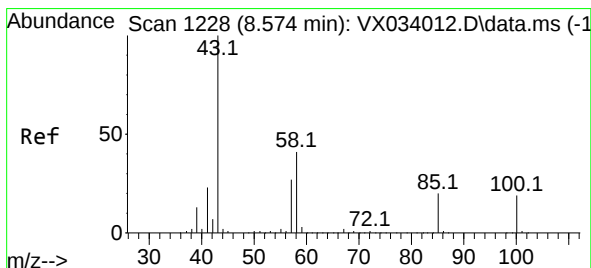
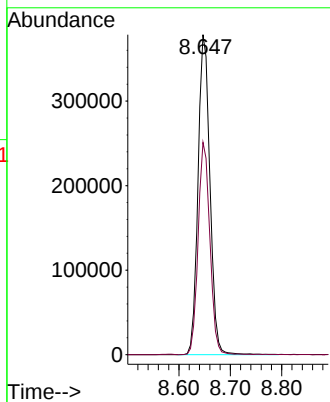
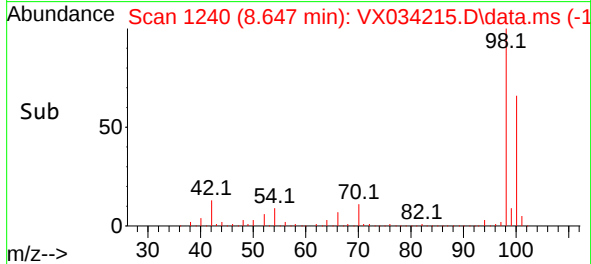
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT1-2023 .2PPB



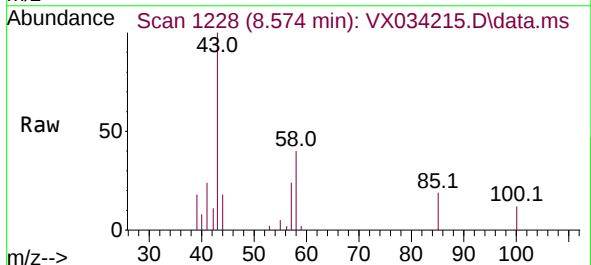
Tgt Ion: 98 Resp: 60789
Ion Ratio Lower Upper
98 100
100 65.6 53.6 80.4

Manual Integrations
APPROVED

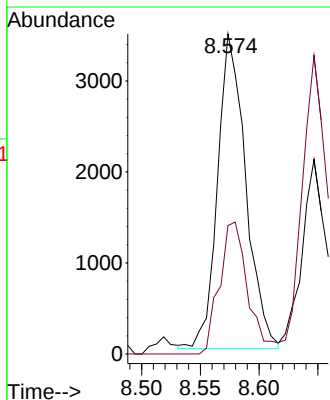
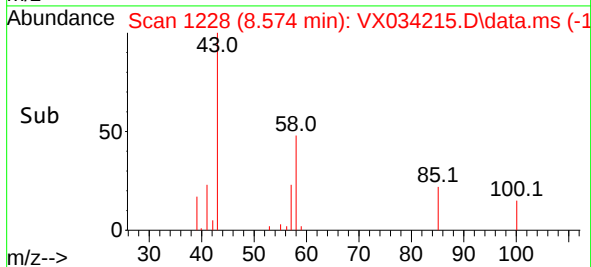
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

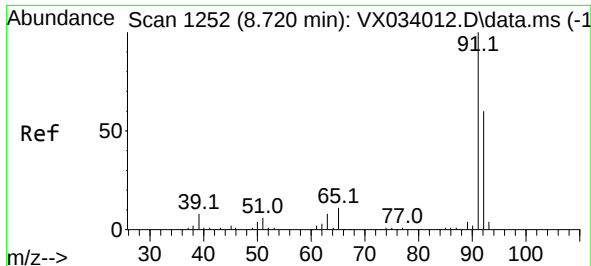


#51
4-Methyl-2-Pentanone
Concen: 1.080 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VX034215.D
Acq: 21 Feb 2023 17:28



Tgt Ion: 43 Resp: 5768
Ion Ratio Lower Upper
43 100
58 42.6 31.2 46.8





#52

Toluene

Concen: 0.246 ug/l

RT: 8.726 min Scan# 1252

Delta R.T. 0.012 min

Lab File: VX034215.D

Acq: 21 Feb 2023 17:28

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023 .2PPB

Tgt Ion: 92 Resp: 2178

Ion Ratio Lower Upper

92 100

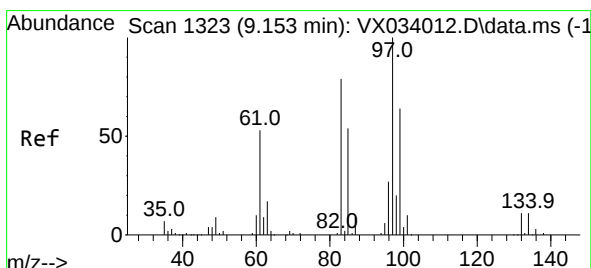
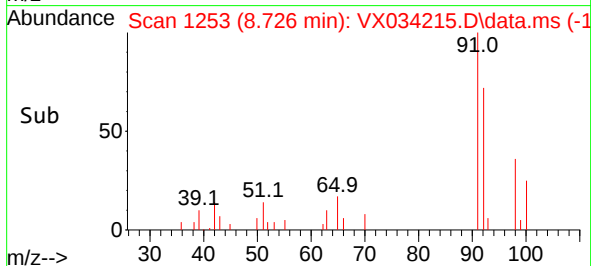
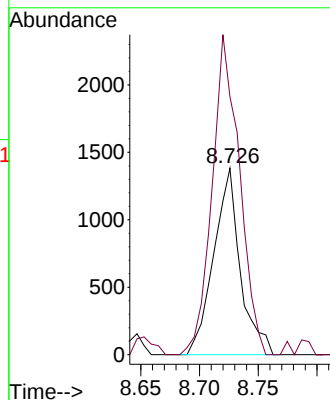
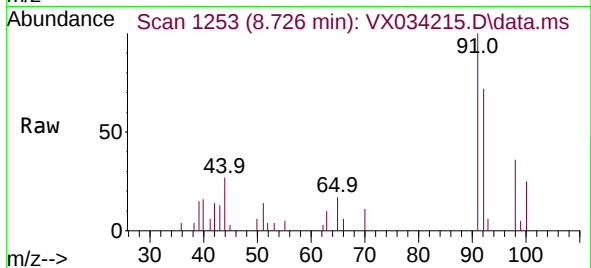
91 176.6 135.5 203.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#55

1,1,2-Trichloroethane

Concen: 0.227 ug/l

RT: 9.159 min Scan# 1324

Delta R.T. 0.006 min

Lab File: VX034215.D

Acq: 21 Feb 2023 17:28

Tgt Ion: 97 Resp: 810

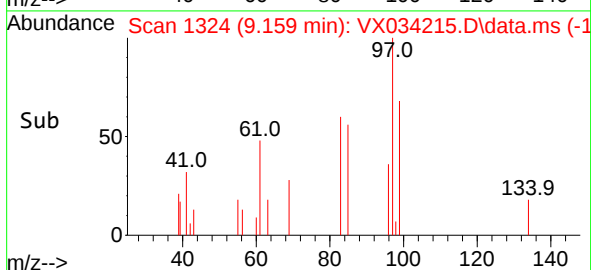
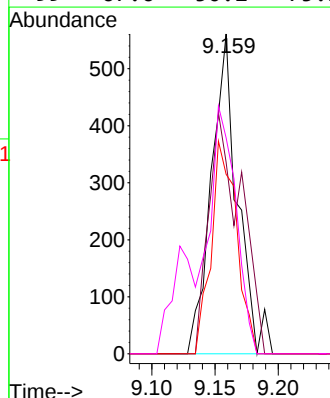
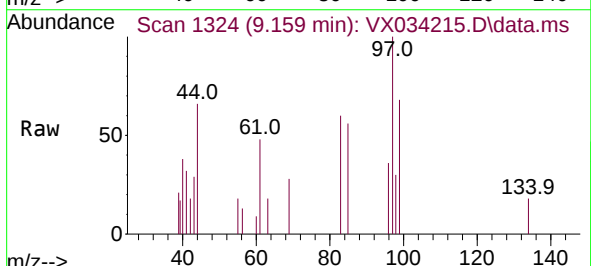
Ion Ratio Lower Upper

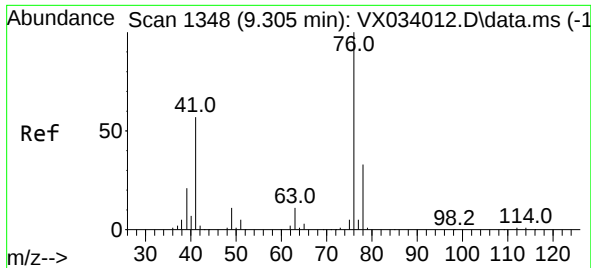
97 100

83 59.9 67.4 101.0#

85 56.1 43.2 64.8

99 67.6 50.2 75.2





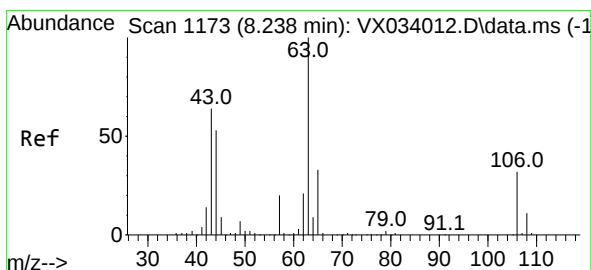
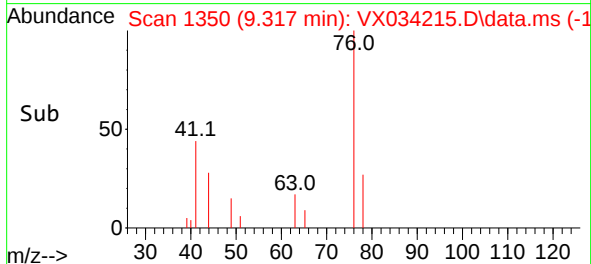
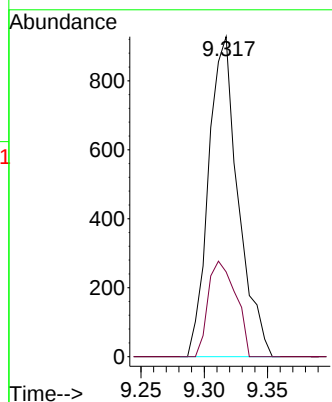
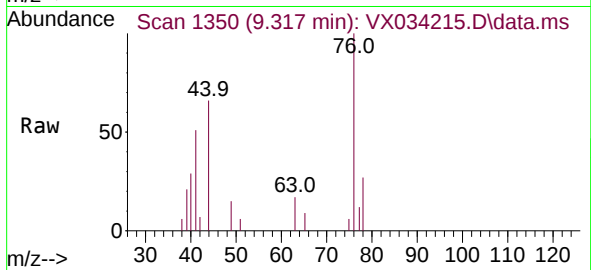
#57
1,3-Dichloropropane
Concen: 0.243 ug/l
RT: 9.317 min Scan# 1176
Delta R.T. 0.012 min
Lab File: VX034215.D
Acq: 21 Feb 2023 17:28

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT1-2023 .2PPB

Tgt Ion: 76 Resp: 1508
Ion Ratio Lower Upper
76 100
78 27.9 25.6 38.4

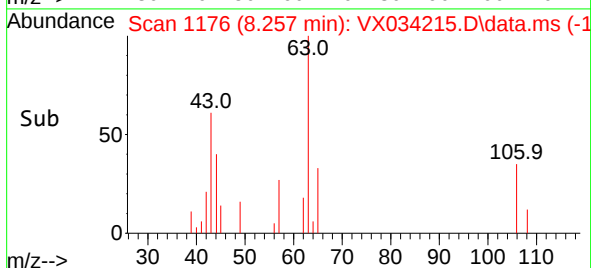
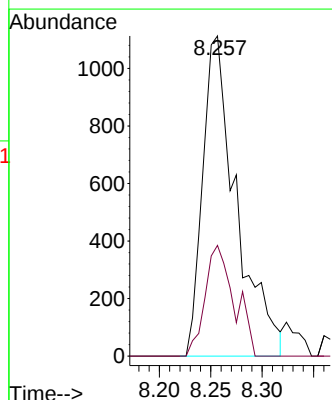
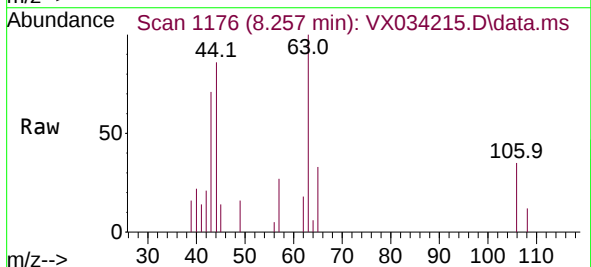
Manual Integrations
APPROVED

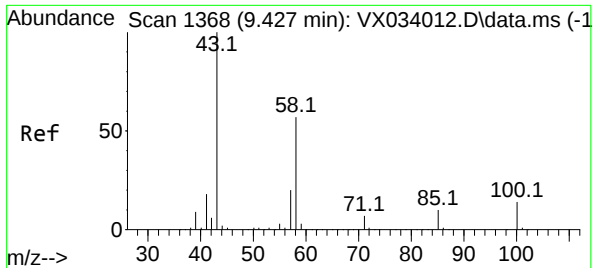
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#58
2-Chloroethyl Vinyl ether
Concen: 0.973 ug/l
RT: 8.257 min Scan# 1176
Delta R.T. 0.018 min
Lab File: VX034215.D
Acq: 21 Feb 2023 17:28

Tgt Ion: 63 Resp: 2543
Ion Ratio Lower Upper
63 100
106 30.0 24.5 36.7





#59

2-Hexanone

Concen: 1.114 ug/l

RT: 9.445 min Scan# 1371

Delta R.T. 0.018 min

Lab File: VX034215.D

Acq: 21 Feb 2023 17:28

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023 .2PPB

Tgt Ion: 43 Resp: 453

Ion Ratio Lower Upper

43 100

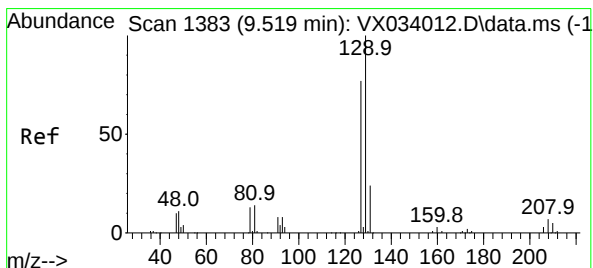
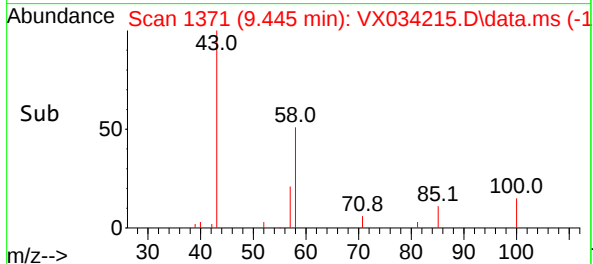
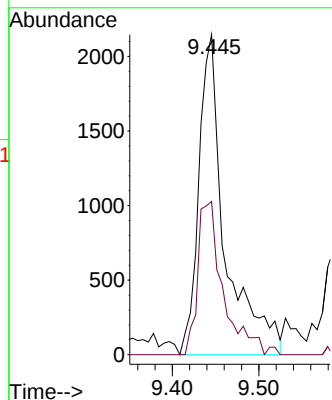
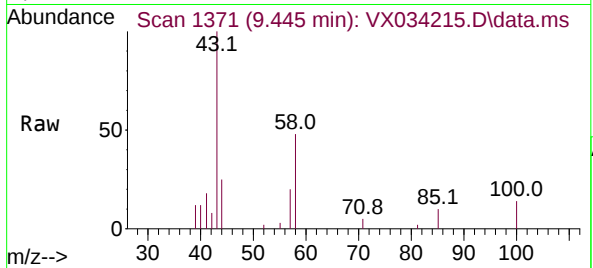
58 46.3 27.4 82.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#60

Dibromochloromethane

Concen: 0.202 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. 0.006 min

Lab File: VX034215.D

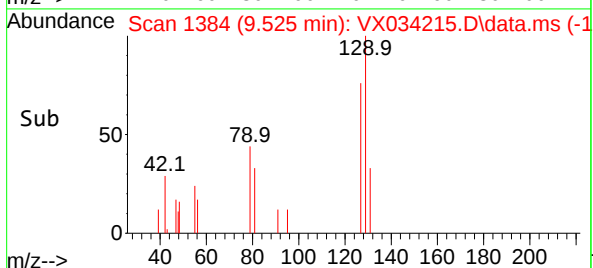
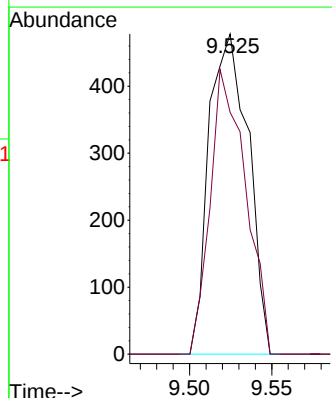
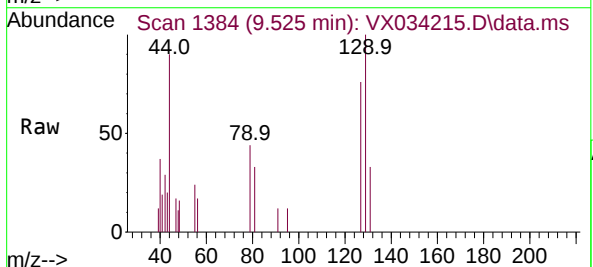
Acq: 21 Feb 2023 17:28

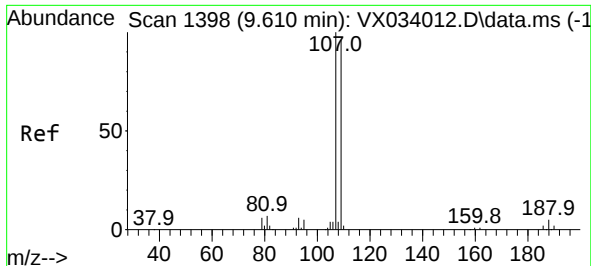
Tgt Ion:129 Resp: 795

Ion Ratio Lower Upper

129 100

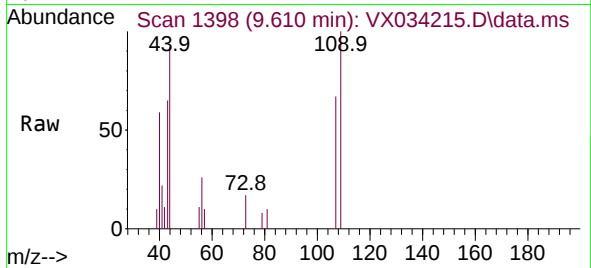
127 80.3 38.8 116.3





#61
1,2-Dibromoethane
Concen: 0.216 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX034215.D
Acq: 21 Feb 2023 17:28

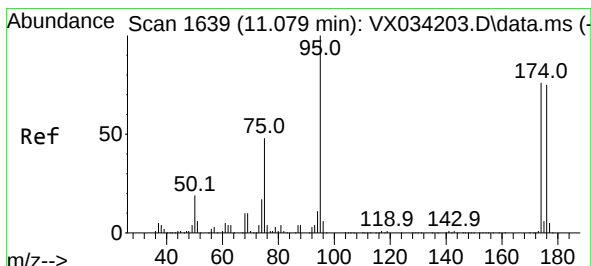
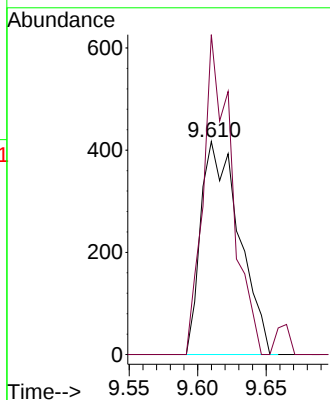
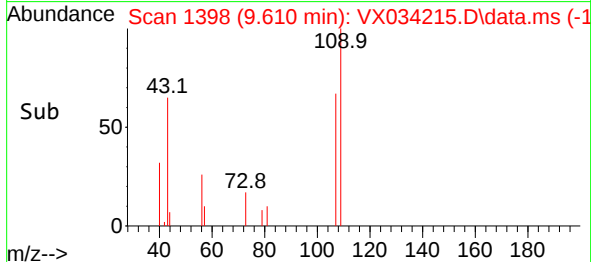
Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023 .2PPB



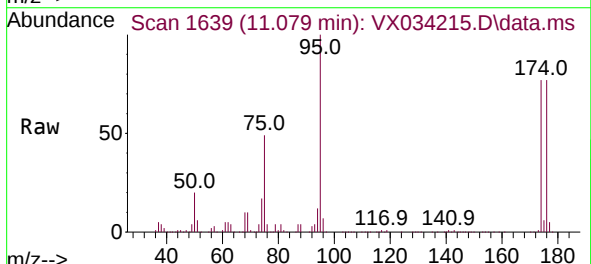
Tgt Ion:107 Resp: 814
Ion Ratio Lower Upper
107 100
109 110.8 74.2 111.2

Manual Integrations
APPROVED

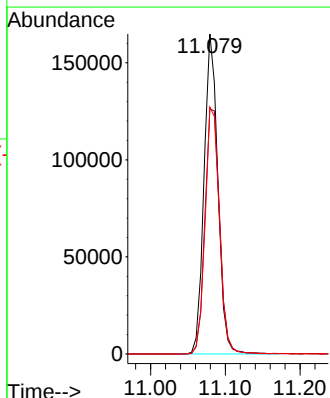
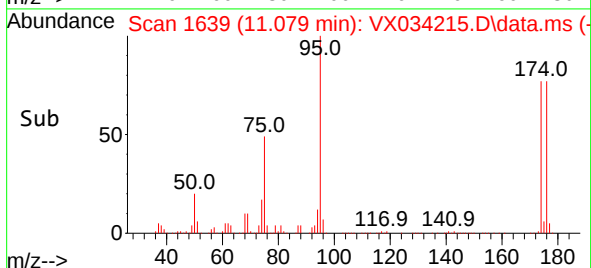
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

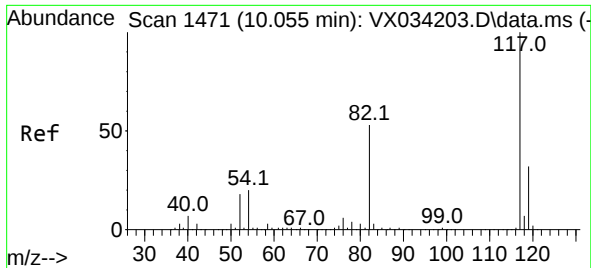


#62
4-Bromofluorobenzene
Concen: 46.324 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034215.D
Acq: 21 Feb 2023 17:28



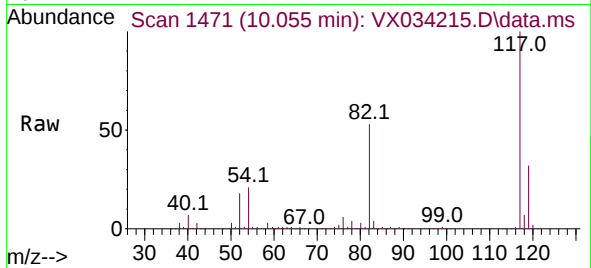
Tgt Ion: 95 Resp: 211730
Ion Ratio Lower Upper
95 100
174 81.9 0.0 184.4
176 79.8 0.0 178.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034215.D
Acq: 21 Feb 2023 17:28

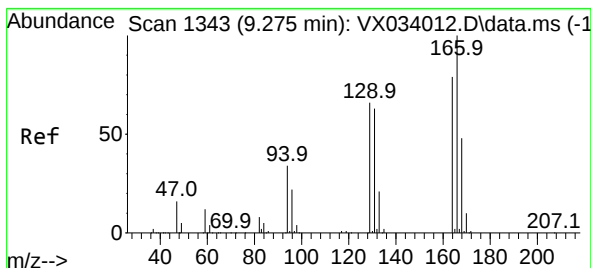
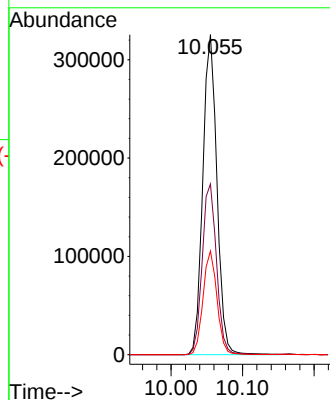
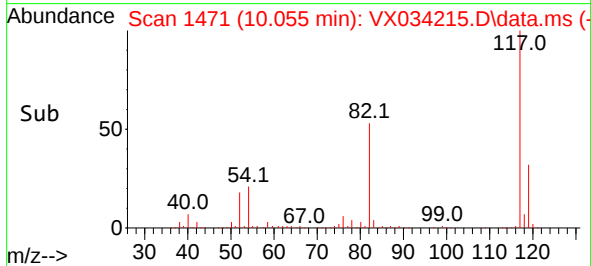
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT1-2023 .2PPB



Tgt Ion:117 Resp: 447012
Ion Ratio Lower Upper
117 100
82 53.4 40.6 60.8
119 32.4 25.6 38.4

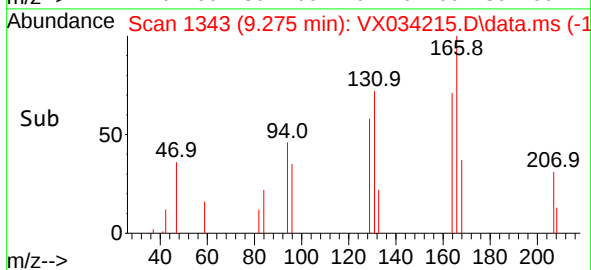
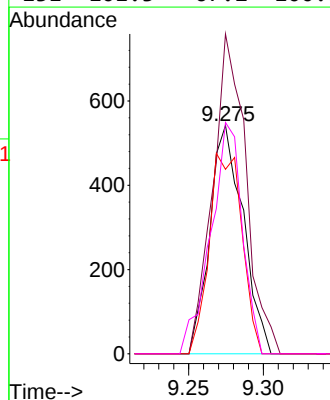
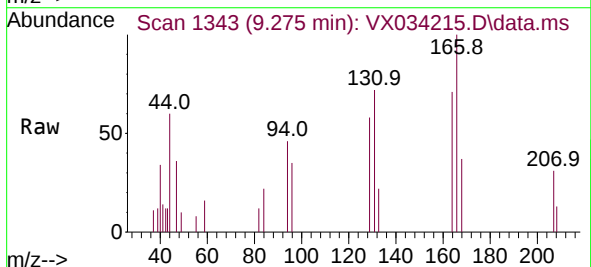
Manual Integrations
APPROVED

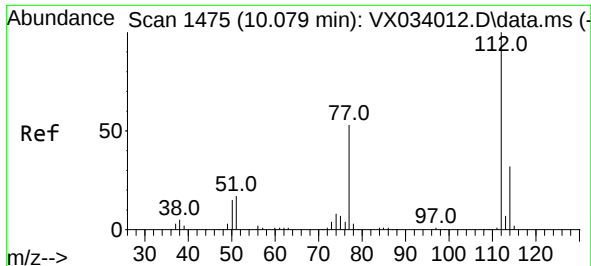
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#64
Tetrachloroethene
Concen: 0.266 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX034215.D
Acq: 21 Feb 2023 17:28

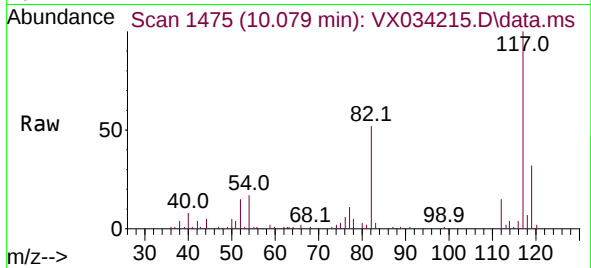
Tgt Ion:164 Resp: 839
Ion Ratio Lower Upper
164 100
166 140.0 100.2 150.2
129 80.8 69.2 103.8
131 101.3 67.2 100.8#





#65
Chlorobenzene
Concen: 0.247 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX034215.D
Acq: 21 Feb 2023 17:28

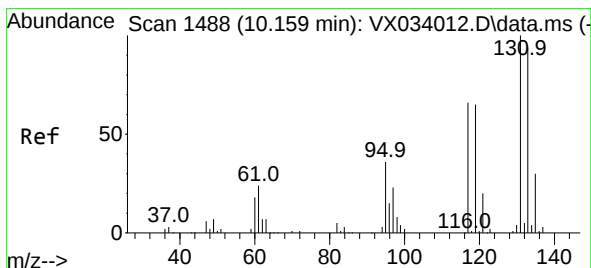
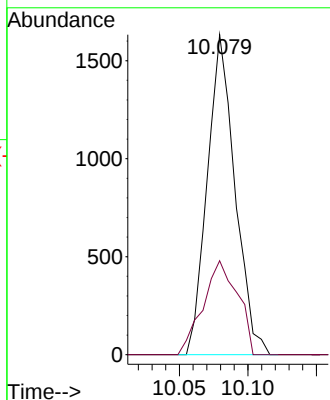
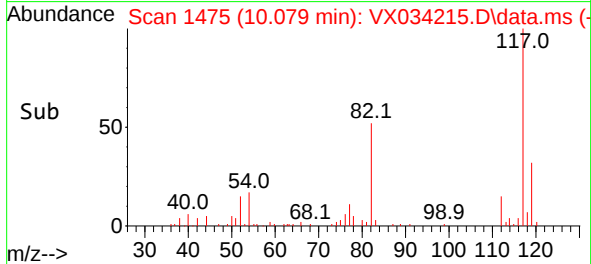
Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023 .2PPB



Tgt Ion:112 Resp: 229
Ion Ratio Lower Upper
112 100
114 29.3 26.2 39.4

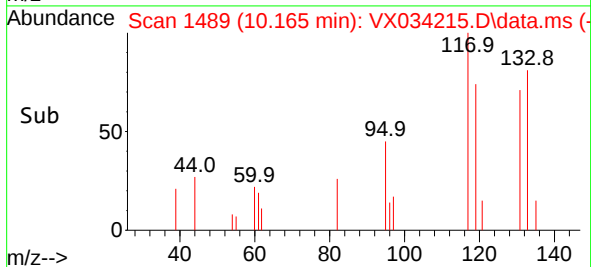
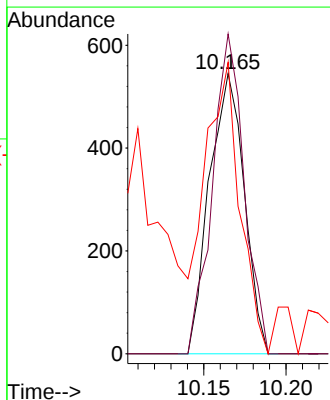
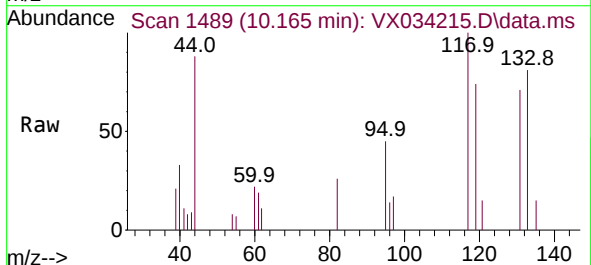
Manual Integrations
APPROVED

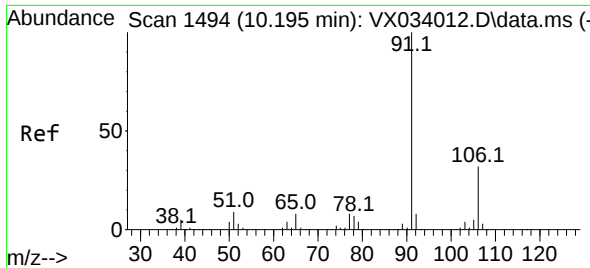
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 0.222 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX034215.D
Acq: 21 Feb 2023 17:28

Tgt Ion:131 Resp: 802
Ion Ratio Lower Upper
131 100
133 104.1 48.4 145.0
119 0.0 31.9 95.7#





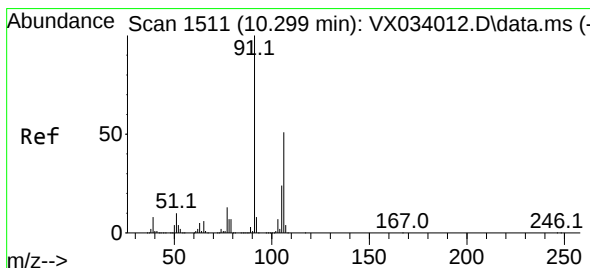
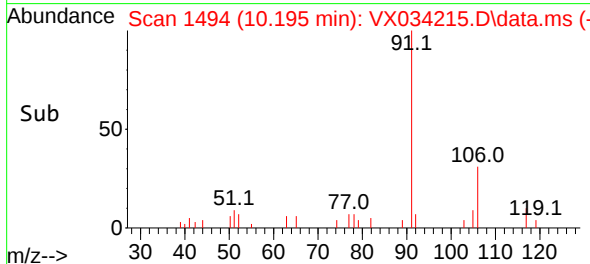
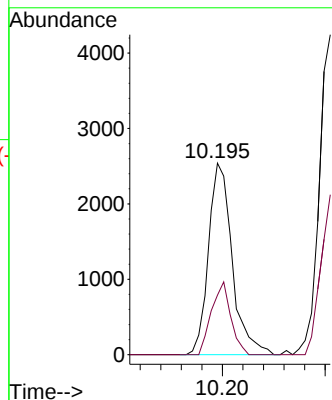
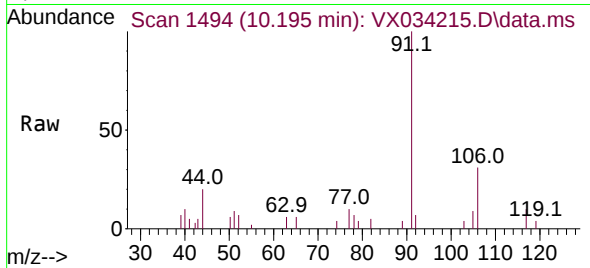
#67
Ethyl Benzene
Concen: 0.243 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX034215.D
Acq: 21 Feb 2023 17:28

Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023 .2PPB

Tgt Ion: 91 Resp: 406
Ion Ratio Lower Upper
91 100
106 31.1 25.8 38.8

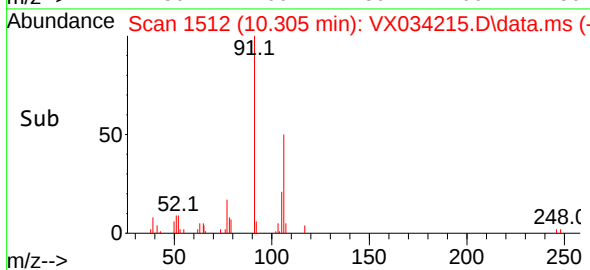
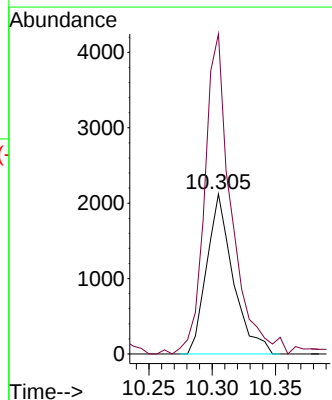
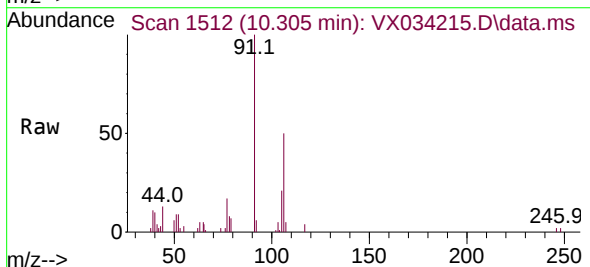
Manual Integrations
APPROVED

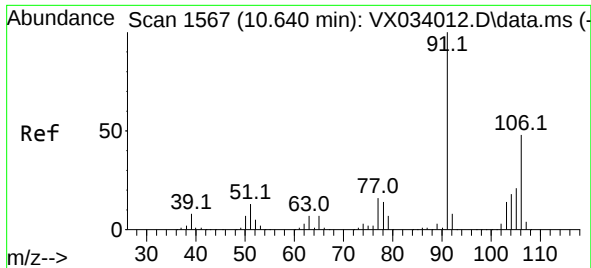
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#68
m/p-Xylenes
Concen: 0.481 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX034215.D
Acq: 21 Feb 2023 17:28

Tgt Ion:106 Resp: 3079
Ion Ratio Lower Upper
106 100
91 203.3 156.4 234.6





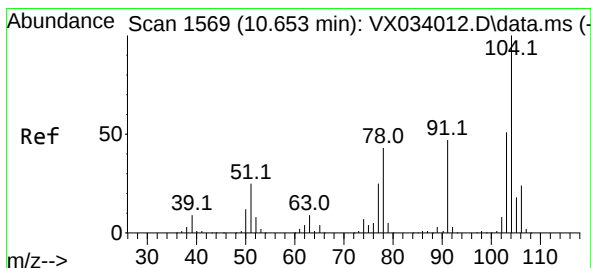
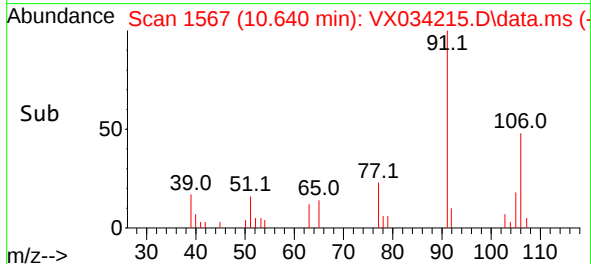
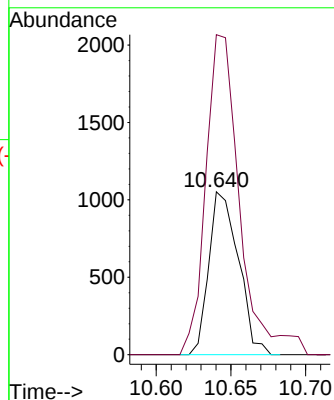
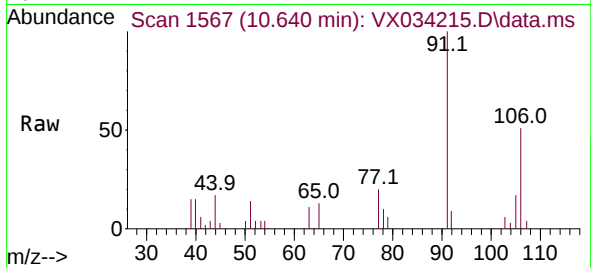
#69
o-Xylene
Concen: 0.227 ug/l
RT: 10.640 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VX034215.D
Acq: 21 Feb 2023 17:28

Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023 .2PPB

Tgt Ion:106 Resp: 1448
Ion Ratio Lower Upper
106 100
91 224.8 103.1 309.3

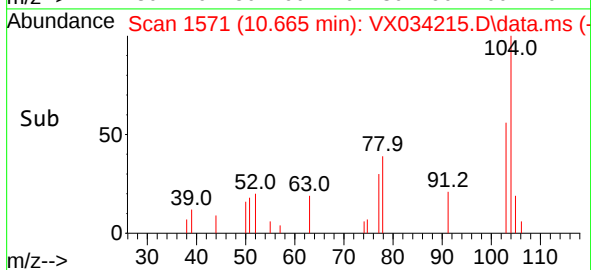
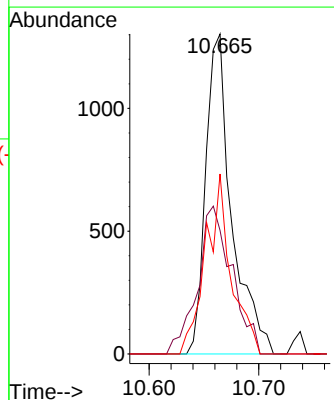
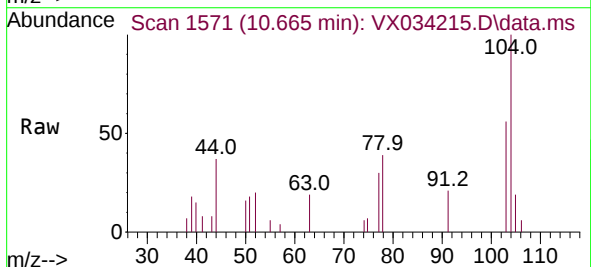
Manual Integrations
APPROVED

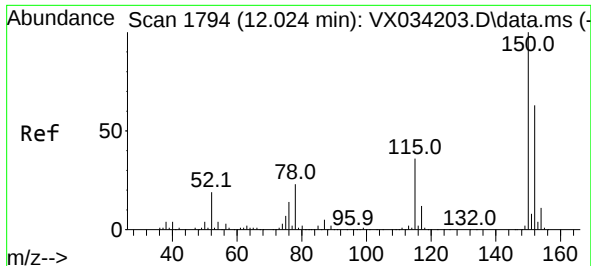
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#70
Styrene
Concen: 0.207 ug/l
RT: 10.665 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VX034215.D
Acq: 21 Feb 2023 17:28

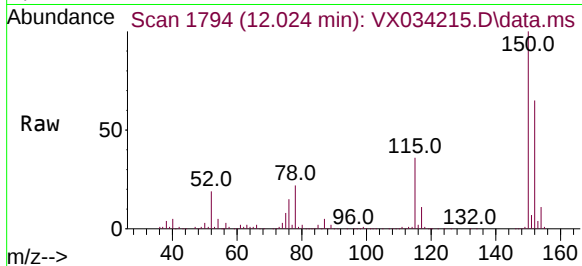
Tgt Ion:104 Resp: 2144
Ion Ratio Lower Upper
104 100
78 60.8 37.5 56.3#
103 55.0 43.3 64.9





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034215.D
Acq: 21 Feb 2023 17:28

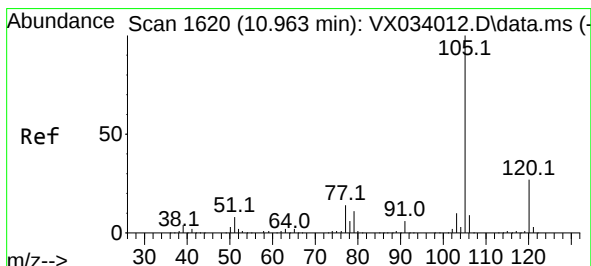
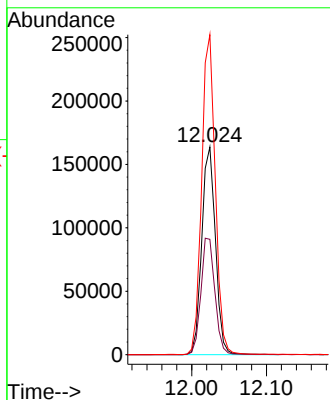
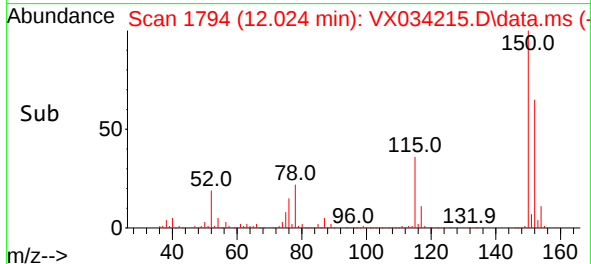
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023 .2PPB



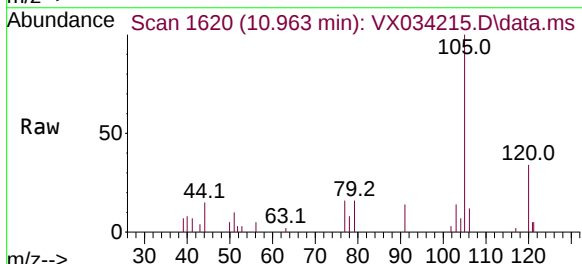
Tgt Ion:152 Resp: 208560
Ion Ratio Lower Upper
152 100
115 57.3 38.7 116.1
150 152.9 0.0 348.2

Manual Integrations
APPROVED

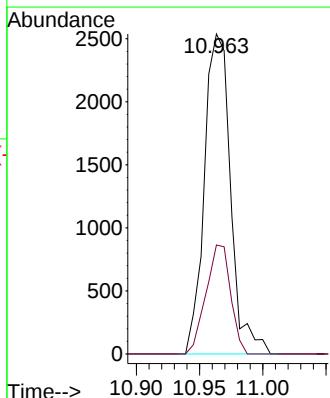
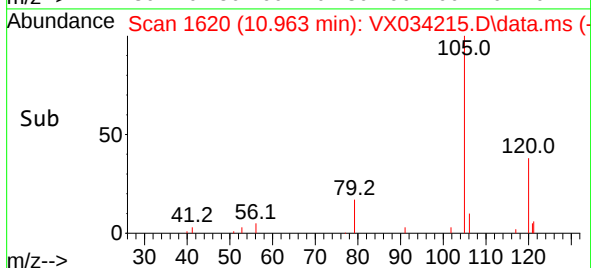
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

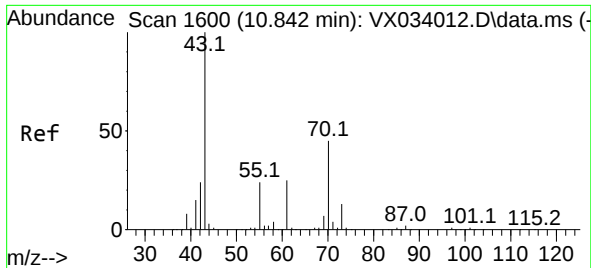


#73
Isopropylbenzene
Concen: 0.230 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX034215.D
Acq: 21 Feb 2023 17:28



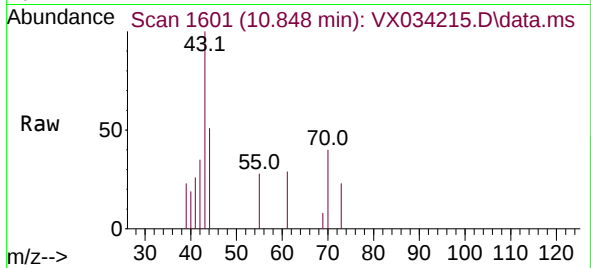
Tgt Ion:105 Resp: 3661
Ion Ratio Lower Upper
105 100
120 31.9 13.6 40.8





#74
N-ethyl acetate
Concen: 0.269 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VX034215.D
Acq: 21 Feb 2023 17:28

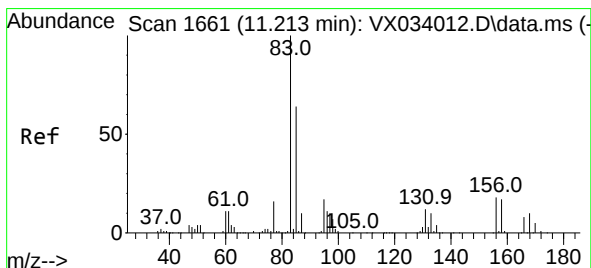
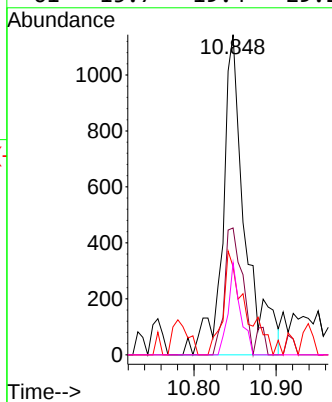
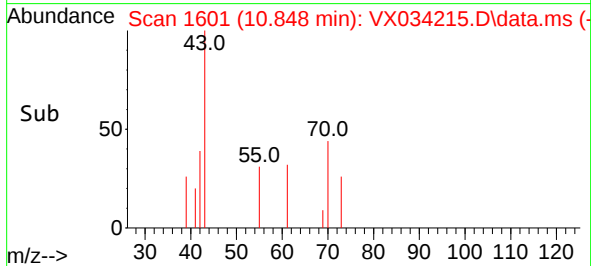
Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023 .2PPB



Tgt Ion: 43 Resp: 2150
Ion Ratio Lower Upper
43 100
70 31.6 34.8 52.2
55 31.6 19.4 29.0
61 15.7 19.4 29.2

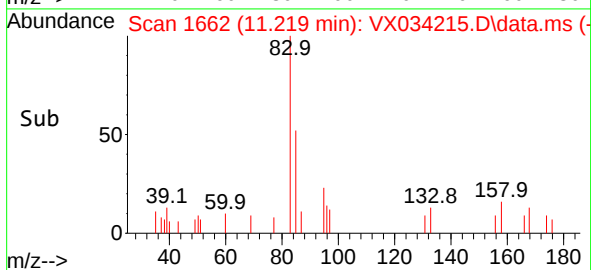
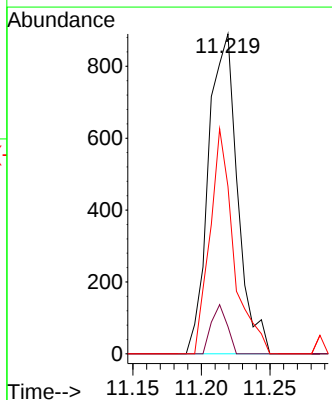
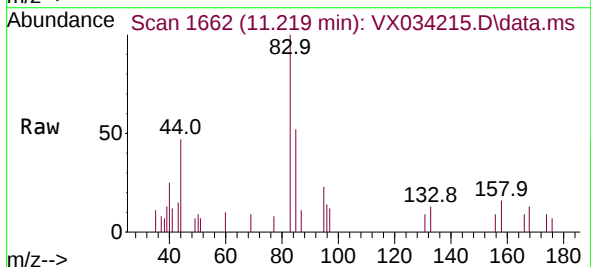
Manual Integrations
APPROVED

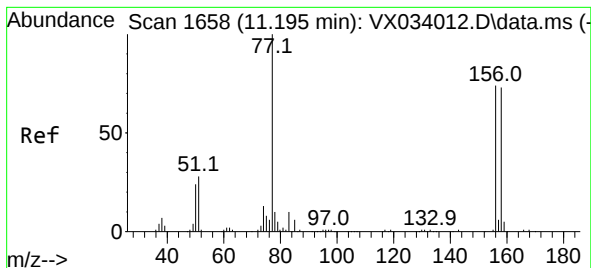
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#75
1,1,2,2-Tetrachloroethane
Concen: 0.242 ug/l
RT: 11.219 min Scan# 1662
Delta R.T. 0.006 min
Lab File: VX034215.D
Acq: 21 Feb 2023 17:28

Tgt Ion: 83 Resp: 1313
Ion Ratio Lower Upper
83 100
131 8.4 5.5 16.7
85 57.7 32.3 96.9





#77

Bromobenzene

Concen: 0.236 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX034215.D

Acq: 21 Feb 2023 17:28

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023 .2PPB

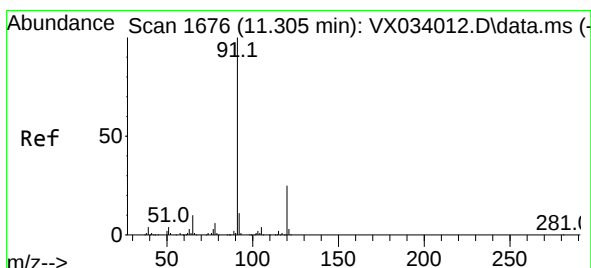
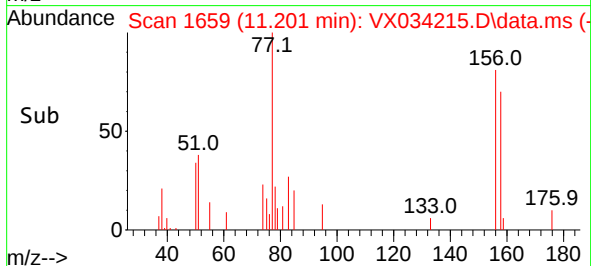
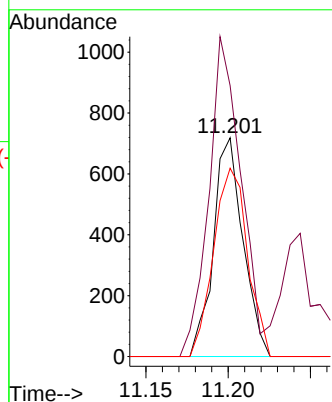
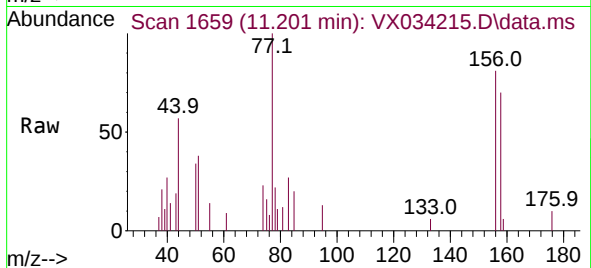
Tgt Ion:	156	Resp:	90
Ion Ratio	Lower	Upper	
156	100		
77	162.4	68.1	204.3
158	98.8	48.0	144.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#78

n-propylbenzene

Concen: 0.247 ug/l

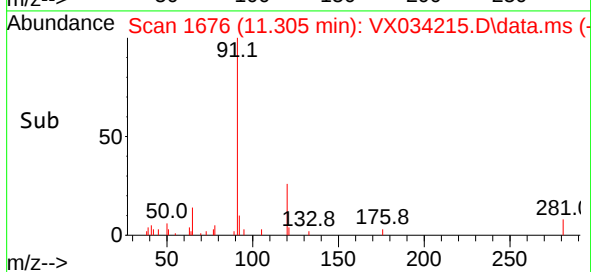
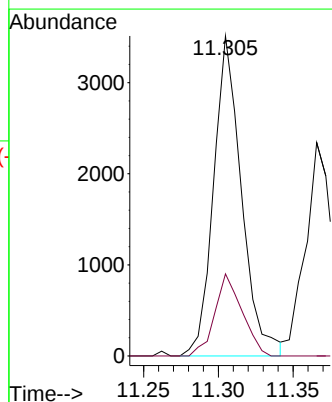
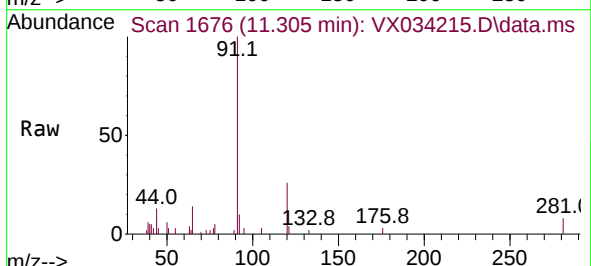
RT: 11.305 min Scan# 1676

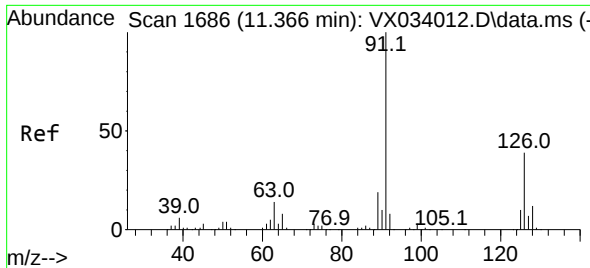
Delta R.T. 0.000 min

Lab File: VX034215.D

Acq: 21 Feb 2023 17:28

Tgt Ion:	91	Resp:	4561
Ion Ratio	Lower	Upper	
91	100		
120	25.1	12.3	36.8





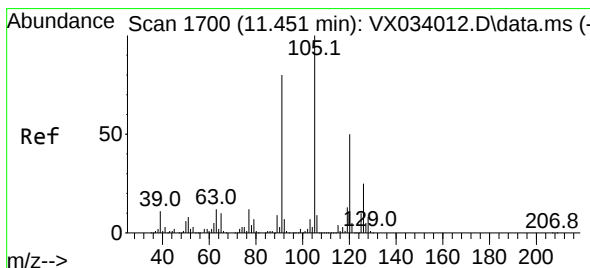
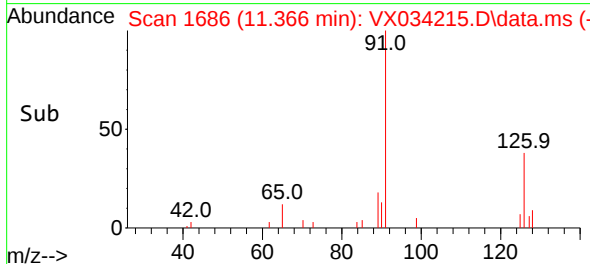
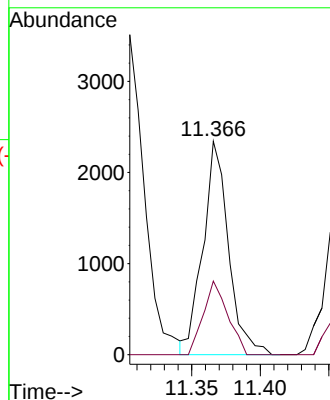
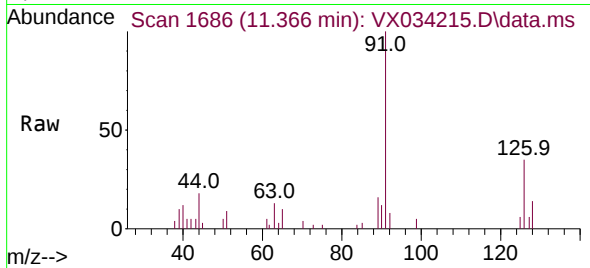
#79
2-Chlorotoluene
Concen: 0.268 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX034215.D
Acq: 21 Feb 2023 17:28

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT1-2023 .2PPB

Tgt Ion: 91 Resp: 303
Ion Ratio Lower Upper
91 100
126 32.9 18.1 54.1

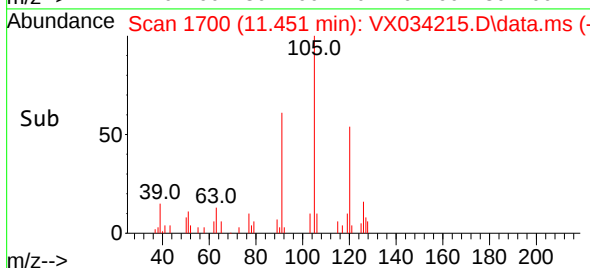
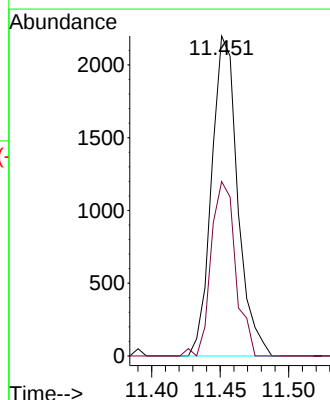
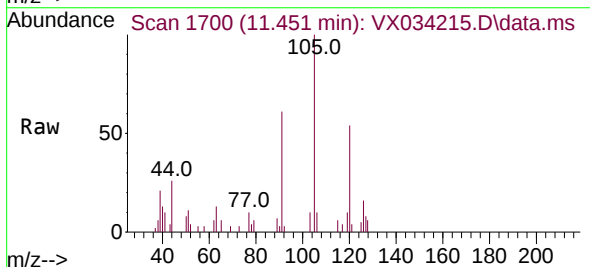
Manual Integrations
APPROVED

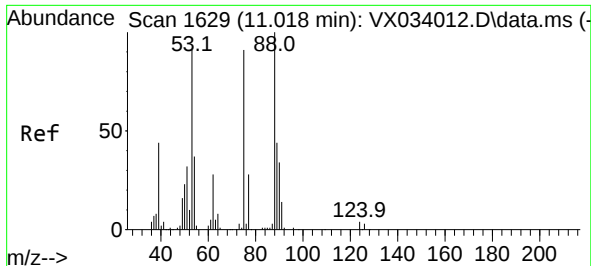
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#80
1,3,5-Trimethylbenzene
Concen: 0.218 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034215.D
Acq: 21 Feb 2023 17:28

Tgt Ion:105 Resp: 2909
Ion Ratio Lower Upper
105 100
120 50.9 25.6 76.8





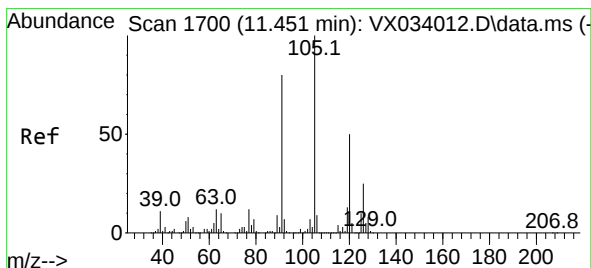
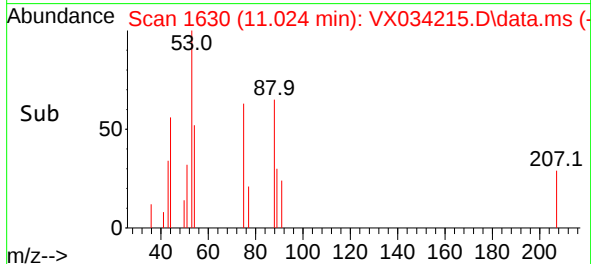
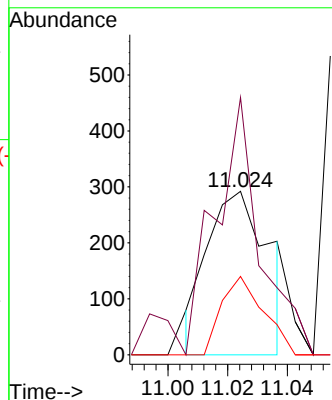
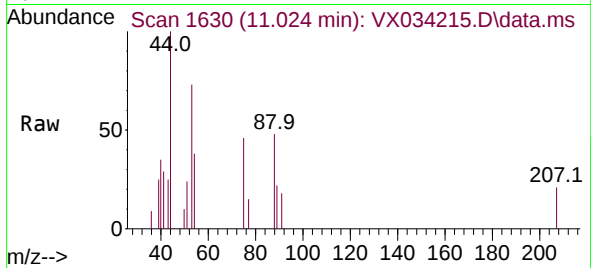
#81
trans-1,4-Dichloro-2-butene
Concen: 0.204 ug/l m
RT: 11.024 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX034215.D
Acq: 21 Feb 2023 17:28

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023 .2PPB

Tgt Ion: 75 Resp: 410
Ion Ratio Lower Upper
75 100
53 0.0 83.0 124.6
89 0.0 37.7 56.5

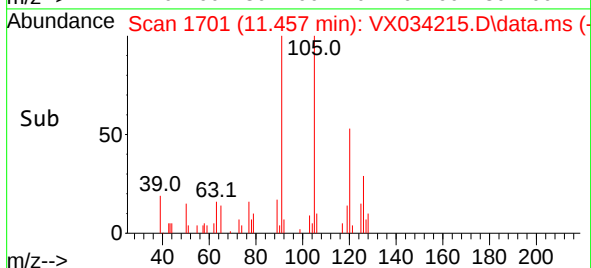
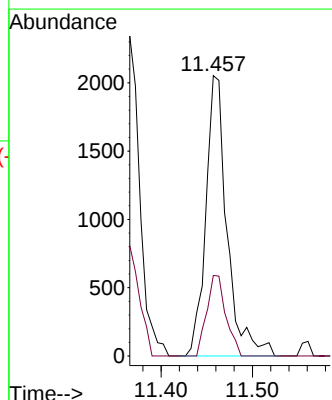
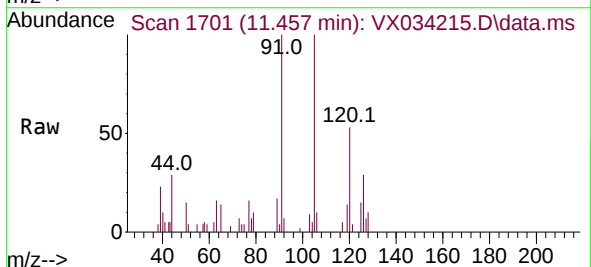
Manual Integrations
APPROVED

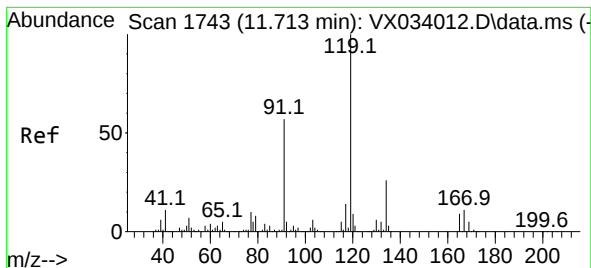
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#82
4-Chlorotoluene
Concen: 0.257 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX034215.D
Acq: 21 Feb 2023 17:28

Tgt Ion: 91 Resp: 3317
Ion Ratio Lower Upper
91 100
126 25.9 15.8 47.4





#83

tert-Butylbenzene

Concen: 0.233 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX034215.D

Acq: 21 Feb 2023 17:28

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023 .2PPB

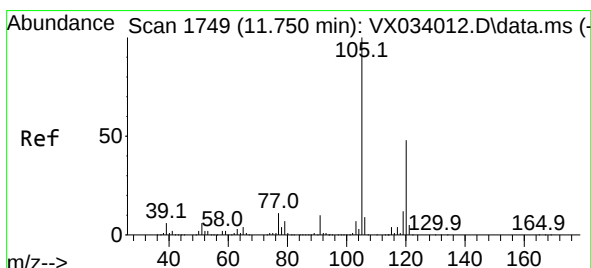
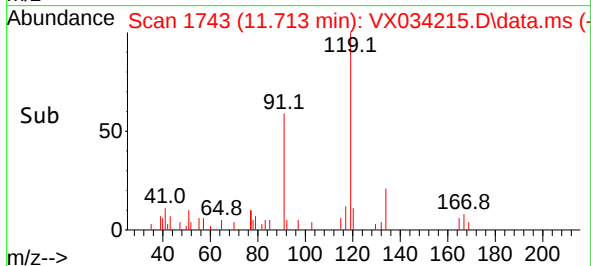
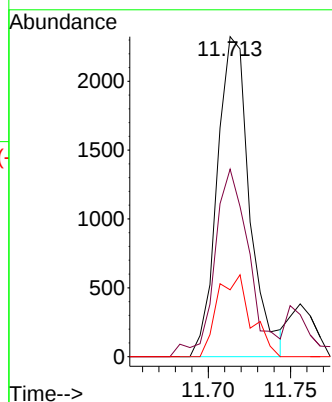
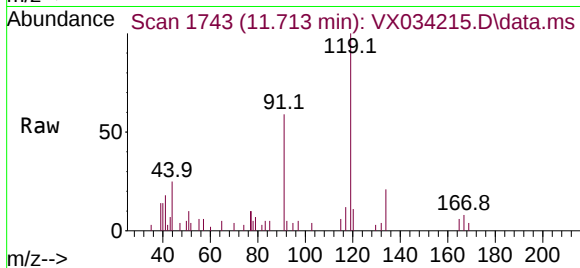
Tgt Ion:	119	Resp:	3189
Ion	Ratio	Lower	Upper
119	100		
91	62.4	26.9	80.7
134	26.5	12.3	36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#84

1,2,4-Trimethylbenzene

Concen: 0.223 ug/l

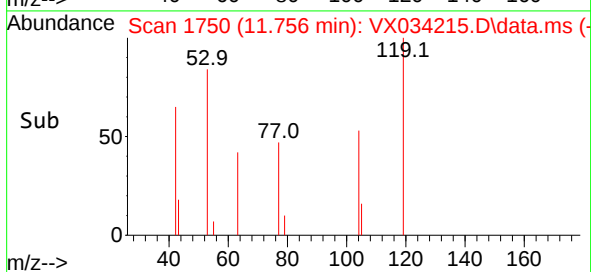
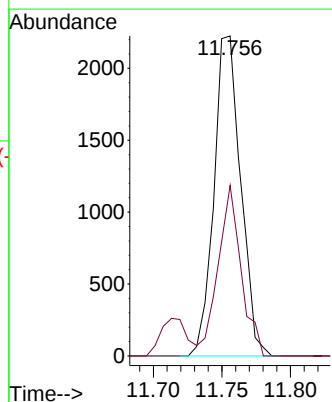
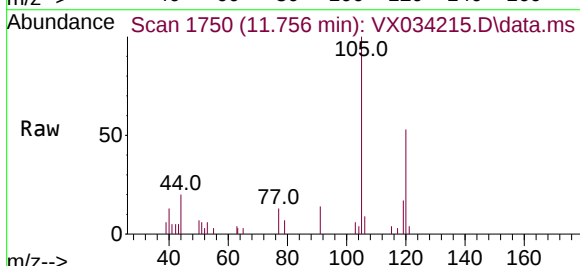
RT: 11.756 min Scan# 1750

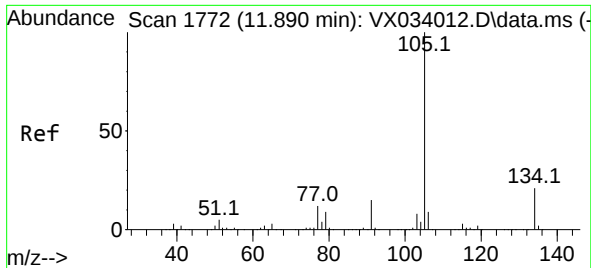
Delta R.T. 0.006 min

Lab File: VX034215.D

Acq: 21 Feb 2023 17:28

Tgt Ion:	105	Resp:	3010
Ion	Ratio	Lower	Upper
105	100		
120	45.8	23.4	70.2





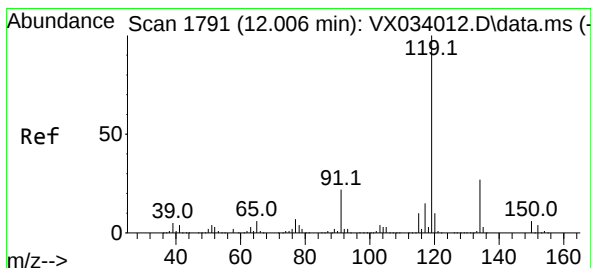
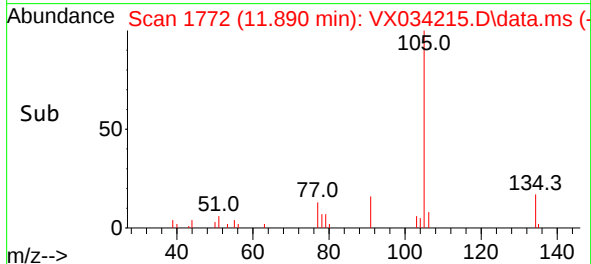
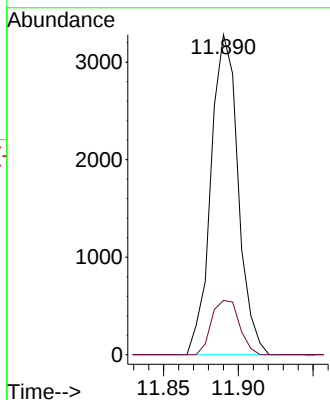
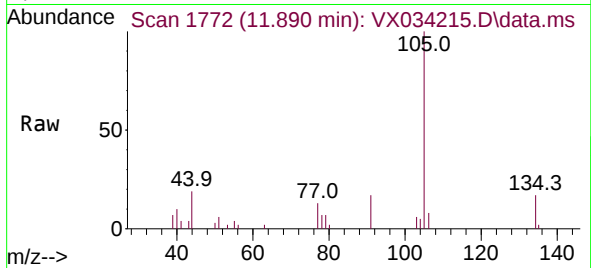
#85
 sec-Butylbenzene
 Concen: 0.250 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX034215.D
 Acq: 21 Feb 2023 17:28

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2023 .2PPB

Tgt Ion:105 Resp: 4150
 Ion Ratio Lower Upper
 105 100
 134 17.3 10.8 32.3

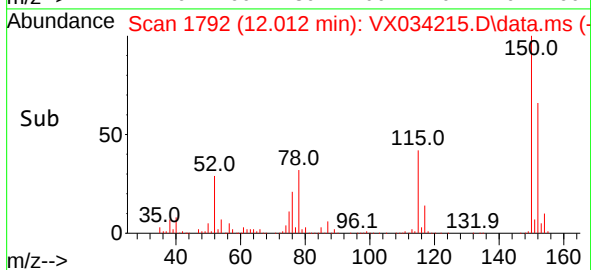
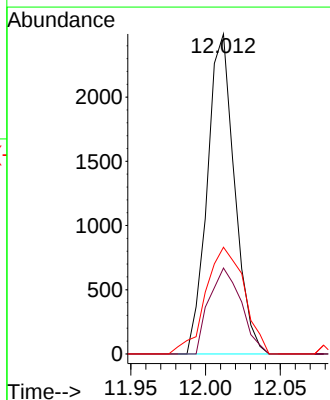
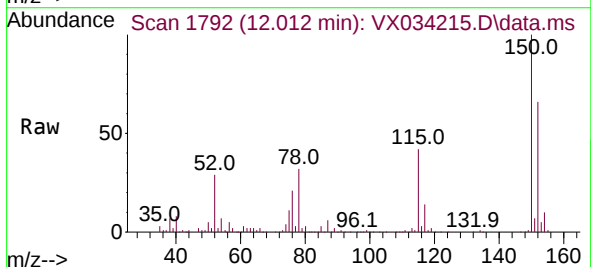
Manual Integrations
 APPROVED

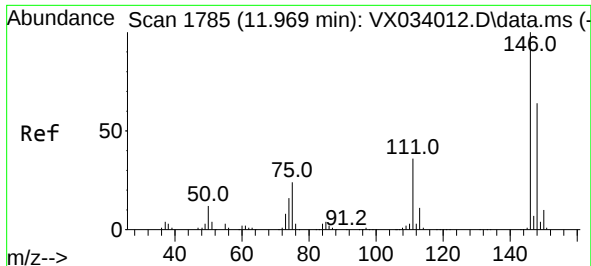
Reviewed By :John Carlone 02/22/2023
 Supervised By :Mahesh Dadoda 02/22/2023



#86
 p-Isopropyltoluene
 Concen: 0.230 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX034215.D
 Acq: 21 Feb 2023 17:28

Tgt Ion:119 Resp: 3161
 Ion Ratio Lower Upper
 119 100
 134 31.6 13.6 40.8
 91 47.2 11.0 33.0#





#87

1,3-Dichlorobenzene

Concen: 0.266 ug/l

RT: 11.975 min Scan# 1785

Delta R.T. 0.006 min

Lab File: VX034215.D

Acq: 21 Feb 2023 17:28

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023 .2PPB

Tgt Ion:146 Resp: 1900

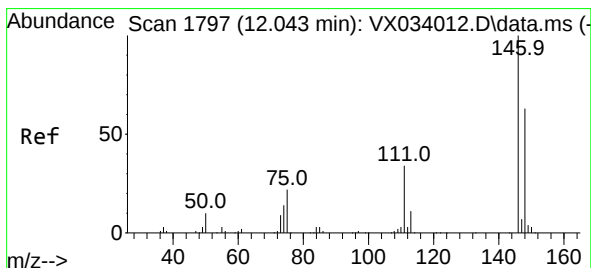
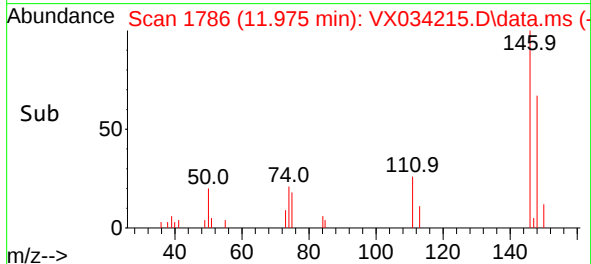
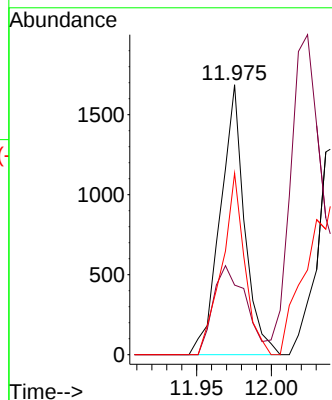
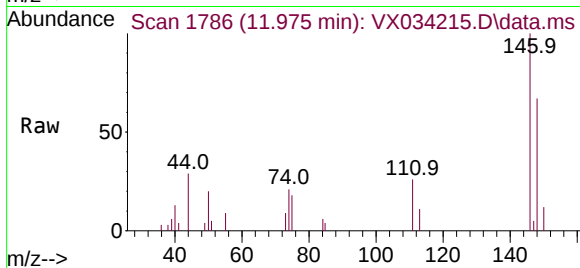
Ion	Ratio	Lower	Upper
146	100		
111	43.8	18.6	55.6
148	62.9	31.9	95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#88

1,4-Dichlorobenzene

Concen: 0.278 ug/l m

RT: 12.042 min Scan# 1797

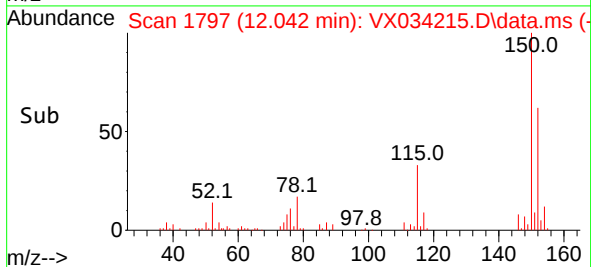
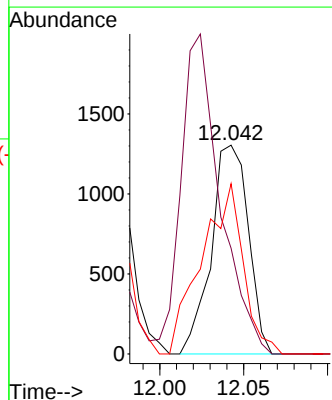
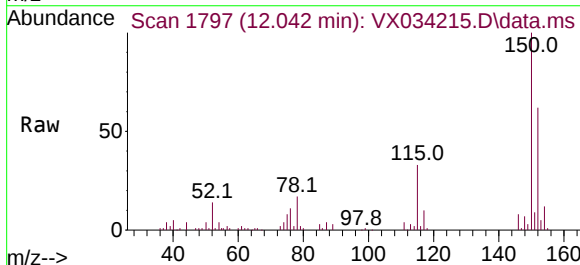
Delta R.T. 0.000 min

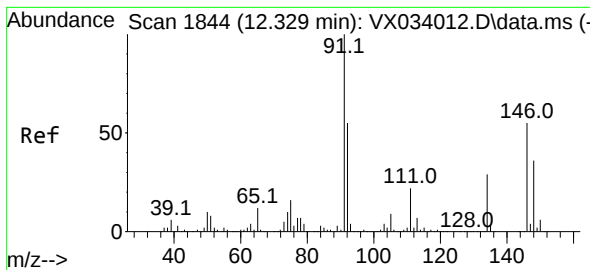
Lab File: VX034215.D

Acq: 21 Feb 2023 17:28

Tgt Ion:146 Resp: 2011

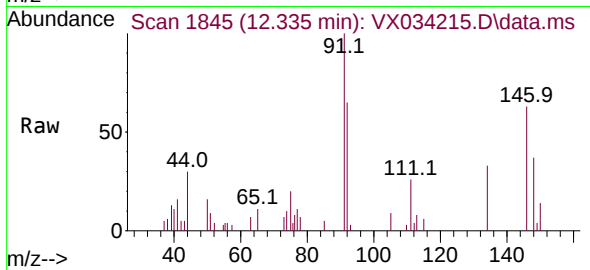
Ion	Ratio	Lower	Upper
146	100		
111	41.5	17.8	53.4
148	59.6	32.1	96.3





#89
n-Butylbenzene
Concen: 0.229 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX034215.D
Acq: 21 Feb 2023 17:28

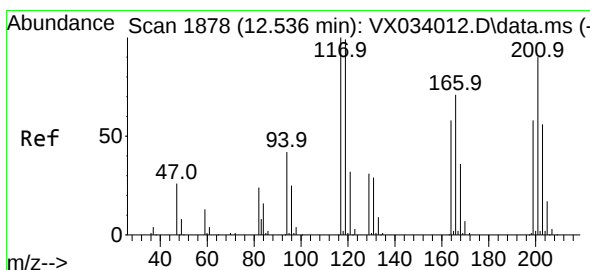
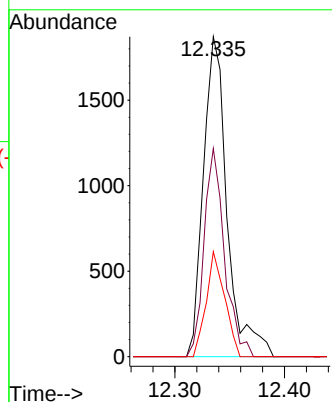
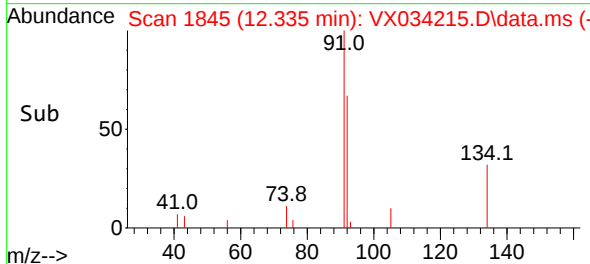
Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023 .2PPB



Tgt Ion: 91 Resp: 281
Ion Ratio Lower Upper
91 100
92 56.0 27.5 82.5
134 25.6 14.3 42.9

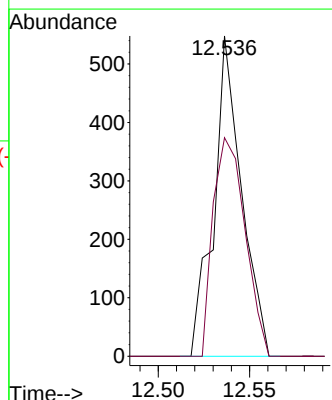
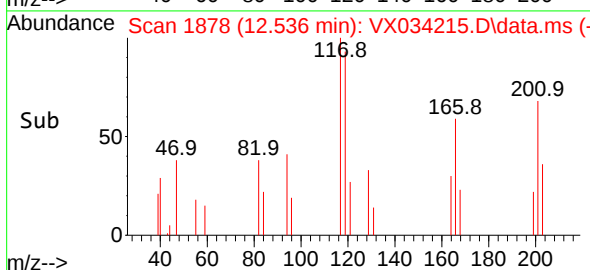
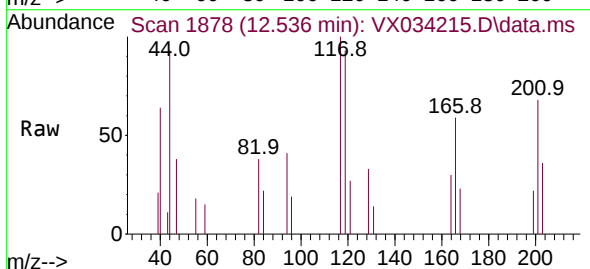
Manual Integrations
APPROVED

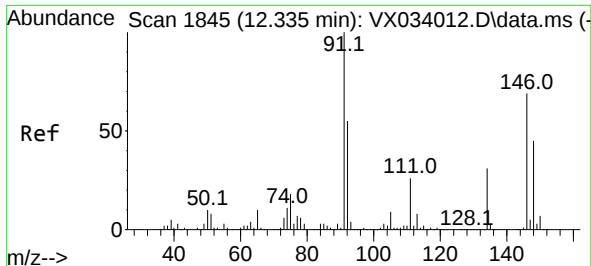
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#90
Hexachloroethane
Concen: 0.201 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX034215.D
Acq: 21 Feb 2023 17:28

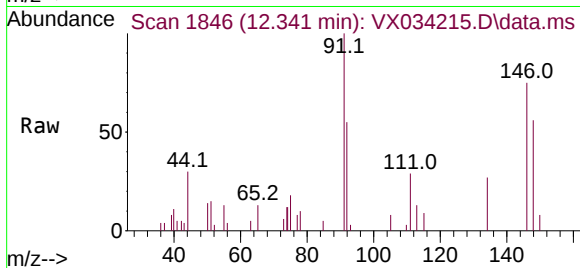
Tgt Ion:117 Resp: 579
Ion Ratio Lower Upper
117 100
201 78.8 45.1 135.3





#91
1,2-Dichlorobenzene
Concen: 0.257 ug/l
RT: 12.341 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX034215.D
Acq: 21 Feb 2023 17:28

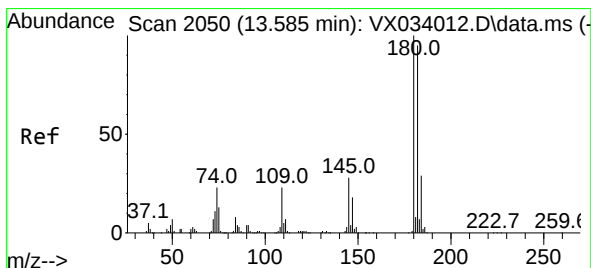
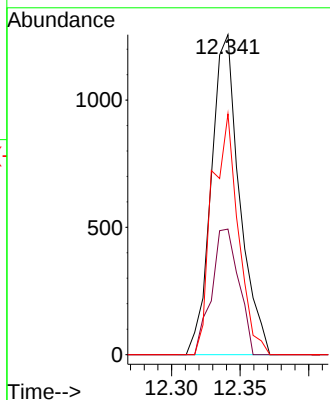
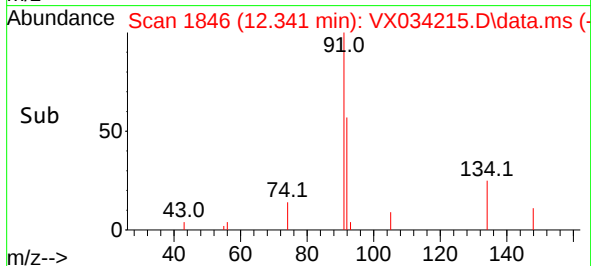
Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023 .2PPB



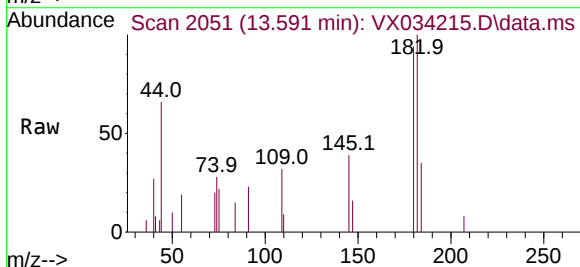
Tgt Ion:146 Resp: 1800
Ion Ratio Lower Upper
146 100
111 37.5 19.3 57.8
148 69.5 32.3 96.9

Manual Integrations
APPROVED

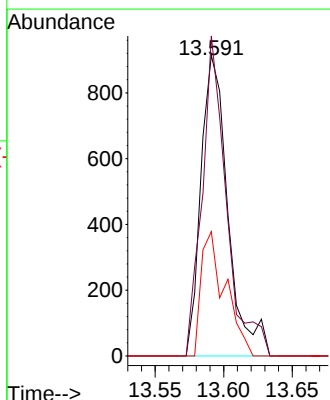
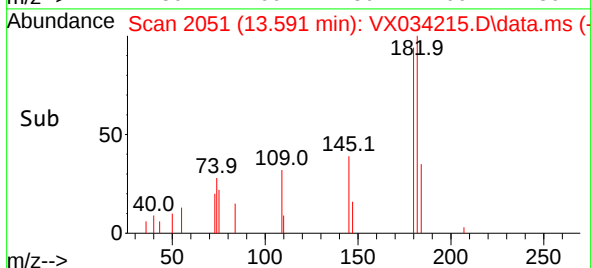
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

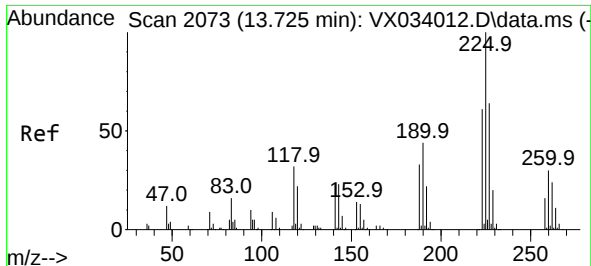


#93
1,2,4-Trichlorobenzene
Concen: 0.278 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX034215.D
Acq: 21 Feb 2023 17:28



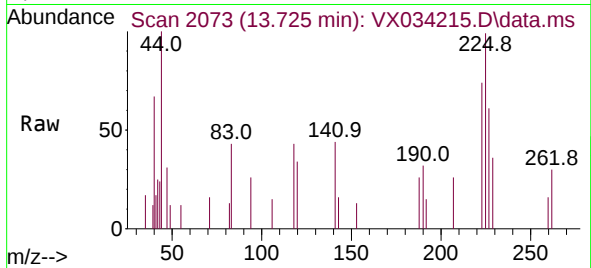
Tgt Ion:180 Resp: 1254
Ion Ratio Lower Upper
180 100
182 96.3 47.9 143.6
145 36.9 14.1 42.2





#94
Hexachlorobutadiene
Concen: 0.319 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX034215.D
Acq: 21 Feb 2023 17:28

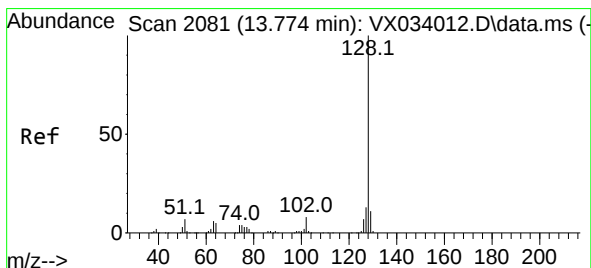
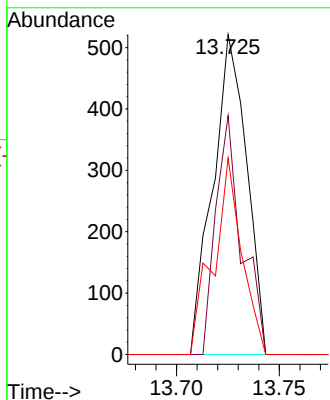
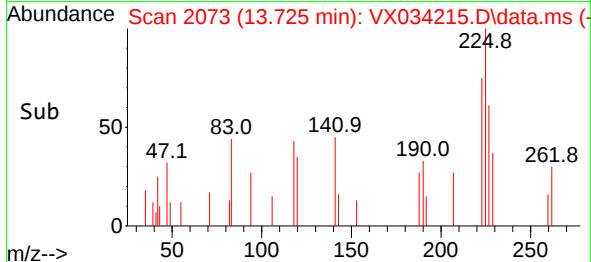
Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023 .2PPB



Tgt Ion:225 Resp: 590
Ion Ratio Lower Upper
225 100
223 57.2 31.3 93.9
227 52.0 32.3 96.9

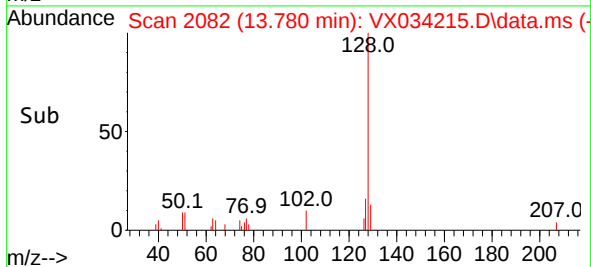
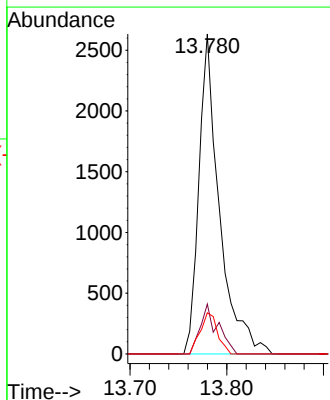
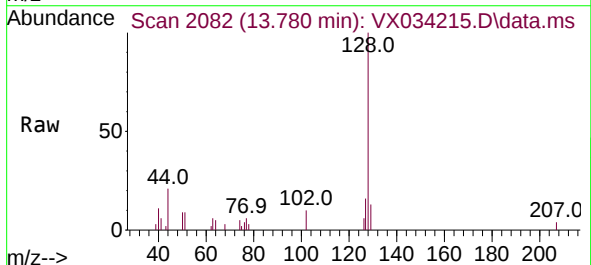
Manual Integrations
APPROVED

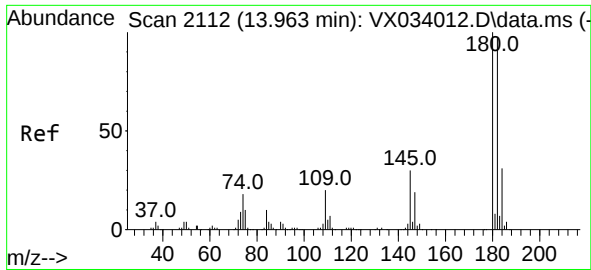
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#95
Naphthalene
Concen: 0.256 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX034215.D
Acq: 21 Feb 2023 17:28

Tgt Ion:128 Resp: 3886
Ion Ratio Lower Upper
128 100
127 13.4 10.3 15.5
129 10.9 8.7 13.1





#96

1,2,3-Trichlorobenzene

Concen: 0.242 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX034215.D

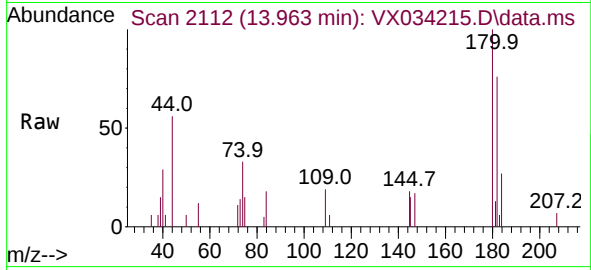
Acq: 21 Feb 2023 17:28

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023 .2PPB



Tgt Ion:180 Resp: 1082

Ion Ratio Lower Upper

180 100

182 113.9 47.6 142.9

145 38.6 15.1 45.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023

