

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110421\
 Data File : VX025064.D
 Acq On : 03 Nov 2021 22:04
 Operator : JC/MD
 Sample : M4068-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2021

Quant Time: Nov 03 23:57:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X110421W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Nov 03 23:52:56 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/04/2021
 Supervised By : Mahesh Dadoda 11/10/2021

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

Internal Standards						
1) Bromochloromethane	4.910	128	20655	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.769	114	107007	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	93493	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.964	65	55639	28.225	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	94.067%		
60) 4-Bromofluorobenzene	11.085	95	49370	28.942	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	96.467%		
63) Toluene-d8	8.653	98	133191	30.845	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	102.800%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	3060	1.935	ug/l	99
3) Chloromethane	1.295	50	1800	2.166	ug/l	90
4) Vinyl Chloride	1.374	62	2017	2.117	ug/l	93
5) Bromomethane	1.612	94	1813	2.317	ug/l	89
6) Chloroethane	1.691	64	1614	3.004	ug/l #	86
7) Trichlorofluoromethane	1.892	101	4841	2.105	ug/l	95
8) Diethyl Ether	2.136	74	1429	2.622	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.337	101	2829	2.358	ug/l	97
10) 1,1-Dichloroethene	2.325	96	2090	2.055	ug/l #	69
11) Methyl Iodide	2.453	142	2052	5.166	ug/l	97
12) Methyl Acetate	2.703	43	4387	2.052	ug/l #	89
13) Acrolein	2.239	56	1894	19.455	ug/l	94
14) Acrylonitrile	3.069	53	6159	10.230	ug/l	88
15) Acetone	2.386	58	2069	11.248	ug/l	99
16) Carbon Disulfide	2.514	76	5943	2.289	ug/l #	90
17) Allyl chloride	2.672	41	3377	2.081	ug/l	91
18) Methylene Chloride	2.794	84	2684	2.254	ug/l #	75
19) trans-1,2-Dichloroethene	3.093	96	2329	2.083	ug/l	84
20) Diisopropyl ether	3.757	45	6858	1.953	ug/l #	96
21) 1,1-Dichloroethane	3.611	63	5113	2.195	ug/l	94
22) cis-1,2-Dichloroethene	4.489	96	2868	2.161	ug/l #	78
23) tert-Butyl Alcohol	2.995	59	3923m	10.716	ug/l	
24) Methyl tert-Butyl Ether	3.117	73	9036	2.101	ug/l	92
25) Chloroform	5.099	83	5571	2.062	ug/l	98
26) Cyclohexane	5.477	56	3852	2.073	ug/l #	36
29) 1,1-Dichloropropene	5.696	75	3677	2.137	ug/l	88
30) 2-Butanone	4.562	43	8989	10.358	ug/l	93
31) 2,2-Dichloropropane	4.483	77	4404m	2.015	ug/l	
32) 1,1,1-Trichloroethane	5.397	97	5680m	2.295	ug/l	
33) Carbon Tetrachloride	5.678	117	4586m	2.111	ug/l	
34) Benzene	6.044	78	9697	2.210	ug/l #	88
35) Methacrylonitrile	4.922	41	2038m	2.381	ug/l	
36) 1,2-Dichloroethane	6.092	62	4864	2.287	ug/l #	91
37) Trichloroethene	7.129	130	2865	2.336	ug/l	83
38) Methylcyclohexane	7.385	83	3868	2.093	ug/l	90
39) 1,2-Dichloropropane	7.421	63	2769m	2.312	ug/l	
40) Dibromomethane	7.586	93	2206	2.364	ug/l #	22
41) Bromodichloromethane	7.824	83	4222	2.131	ug/l #	97
42) Vinyl Acetate	3.727	43	26316	10.135	ug/l	98

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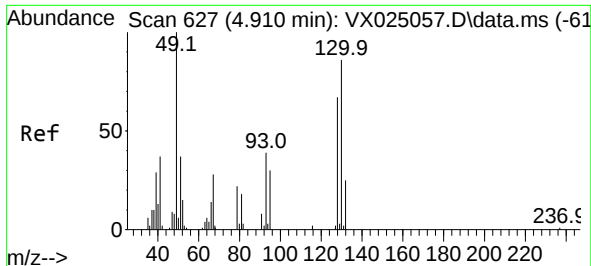
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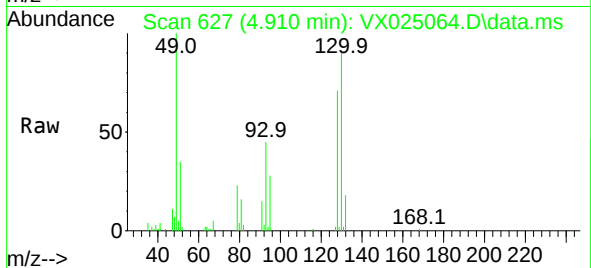
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.721	43	4032m	2.424	ug/l	
44) Isopropyl Acetate	6.348	43	5286	2.032	ug/l #	63
45) 1,4-Dioxane	7.714	88	1602m	57.981	ug/l	
46) Methyl methacrylate	7.690	41	2649	2.083	ug/l	76
47) n-amyl Acetate	10.842	43	4111	1.959	ug/l #	81
48) t-1,3-Dichloropropene	8.982	75	4693	2.199	ug/l	94
49) cis-1,3-Dichloropropene	8.379	75	4026	1.890	ug/l #	86
50) 1,1,2-Trichloroethane	9.159	97	2673	2.116	ug/l #	85
51) Ethyl methacrylate	9.122	69	3878	1.905	ug/l	94
52) 1,3-Dichloropropane	9.311	76	4831	2.238	ug/l	100
53) Dibromochloromethane	9.525	129	2622	1.818	ug/l	91
54) 1,2-Dibromoethane	9.610	107	3237	2.294	ug/l	94
55) 2-Chloroethyl vinyl ether	8.245	63	11970	13.211	ug/l	96
56) Bromoform	10.805	173	1745	1.822	ug/l #	87
58) 4-Methyl-2-Pentanone	8.580	43	17033	10.807	ug/l #	88
59) 2-Hexanone	9.433	43	13373	11.043	ug/l	92
61) Tetrachloroethene	9.275	164	2780	2.538	ug/l #	81
62) Toluene	8.720	91	10837	2.266	ug/l	99
64) Chlorobenzene	10.086	112	6022	2.085	ug/l #	77
65) 1,1,1,2-Tetrachloroethane	10.171	131	2990	2.317	ug/l	93
66) Ethyl Benzene	10.195	91	12922	2.285	ug/l	97
67) m/p-Xylenes	10.305	106	8068	4.149	ug/l	86
68) o-Xylene	10.647	106	4064	2.140	ug/l	82
69) Styrene	10.659	104	6569	2.037	ug/l	91
70) Isopropylbenzene	10.964	105	11512	2.087	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.213	83	3776	2.073	ug/l	97
72) 1,2,3-Trichloropropane	11.244	75	3826m	2.169	ug/l	
73) Bromobenzene	11.201	156	2444	1.983	ug/l	68
74) n-propylbenzene	11.305	91	13077	1.999	ug/l	98
75) 2-Chlorotoluene	11.366	91	8498	2.073	ug/l	95
76) 1,3,5-Trimethylbenzene	11.457	105	9901	2.058	ug/l	87
77) t-1,4-Dichloro-2-butene	11.018	75	982	1.654	ug/l	71
78) 4-Chlorotoluene	11.457	91	10076	2.153	ug/l	95
79) tert-butylbenzene	11.713	119	9285	2.048	ug/l	88
80) 1,2,4-Trimethylbenzene	11.750	105	9785	2.068	ug/l	91
81) sec-Butylbenzene	11.896	105	11350	2.012	ug/l	95
82) p-Isopropyltoluene	12.012	119	9482	2.027	ug/l	94
83) 1,3-Dichlorobenzene	11.976	146	4176m	1.822	ug/l	
84) 1,4-Dichlorobenzene	12.043	146	4852	2.125	ug/l	95
85) n-Butylbenzene	12.335	91	8120	1.903	ug/l	96
86) Hexachloroethane	12.543	117	1578	1.892	ug/l	92
87) 1,2-Dichlorobenzene	12.335	146	4282	1.897	ug/l	88
88) 1,2-Dibromo-3-Chloropr...	12.945	75	1105	2.218	ug/l #	75
89) 1,2,4-Trichlorobenzene	13.585	180	2122	1.552	ug/l	96
90) Hexachlorobutadiene	13.725	225	1523	2.205	ug/l	90
91) Naphthalene	13.780	128	4864	1.041	ug/l #	95
92) 1,2,3-Trichlorobenzene	13.963	180	1934	1.387	ug/l	95

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX025064.D
Acq: 03 Nov 2021 22:04

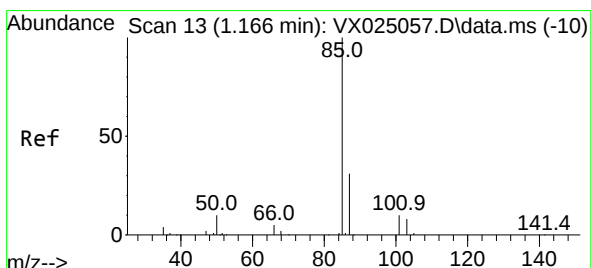
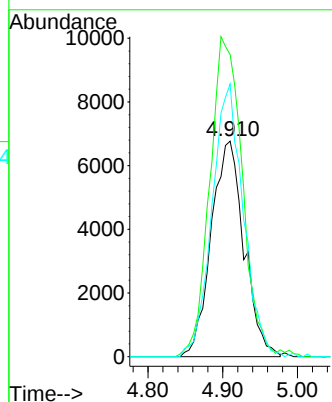
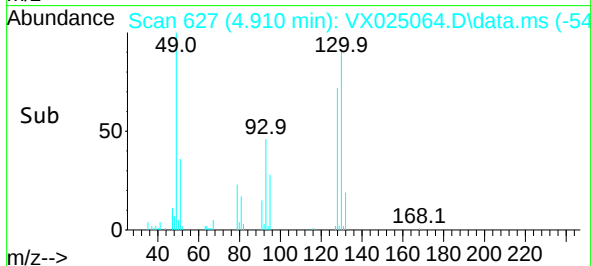
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2021



Tgt Ion: 128 Resp: 2065
Ion Ratio Lower Upper
128 100
49 146.1 0.0 402.5
130 120.1 0.0 326.5

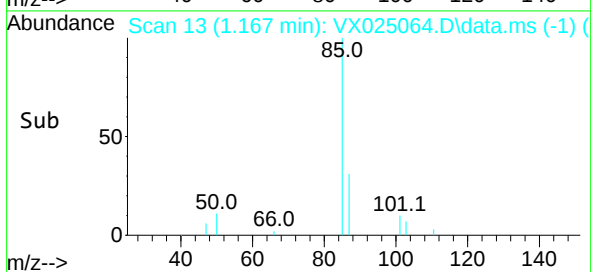
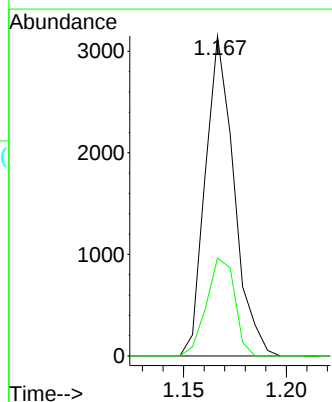
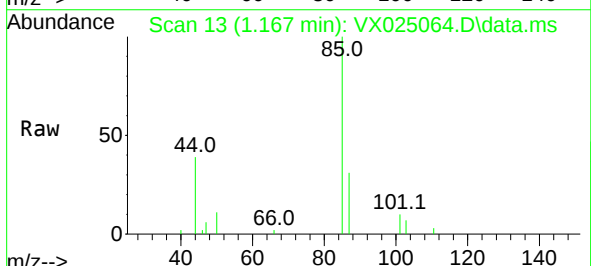
Manual Integrations
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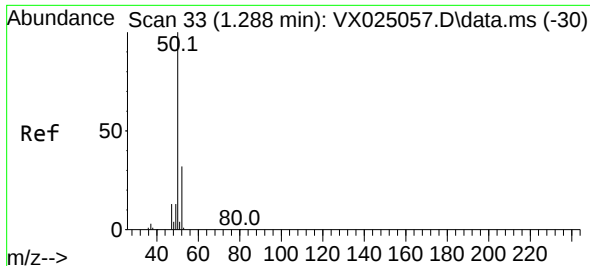
Reviewed By : John Carlone 11/04/2021
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#2
Dichlorodifluoromethane
Concen: 1.935 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX025064.D
Acq: 03 Nov 2021 22:04

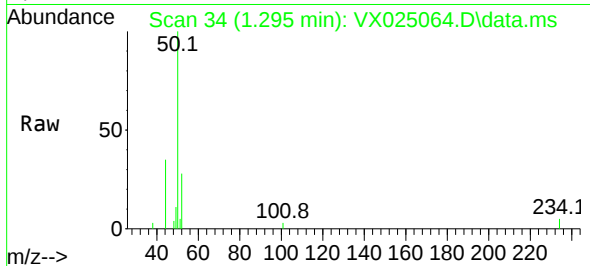
Tgt Ion: 85 Resp: 3060
Ion Ratio Lower Upper
85 100
87 30.6 15.6 46.8





#3
Chloromethane
Concen: 2.166 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX025064.D
Acq: 03 Nov 2021 22:04

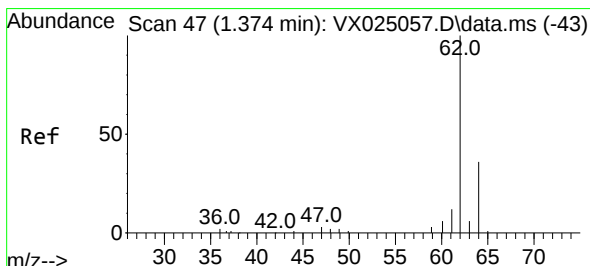
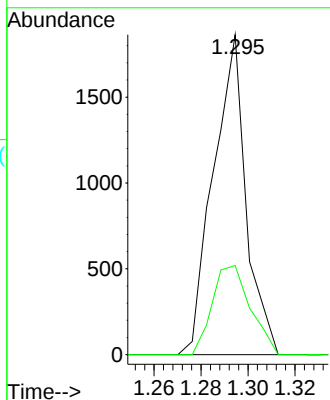
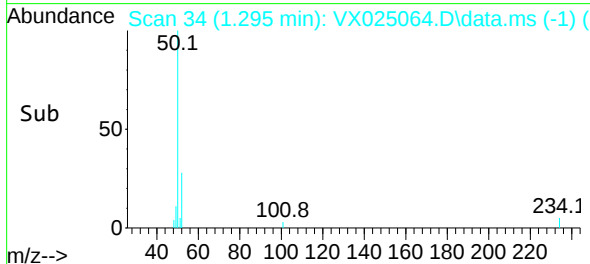
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



Tgt Ion: 50 Resp: 1800
Ion Ratio Lower Upper
50 100
52 27.8 26.9 40.3

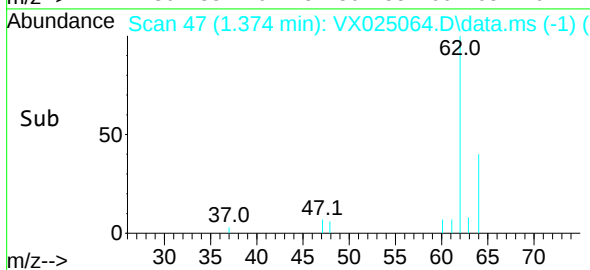
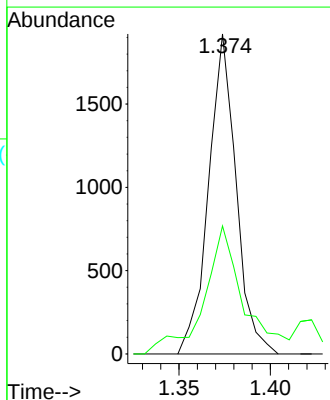
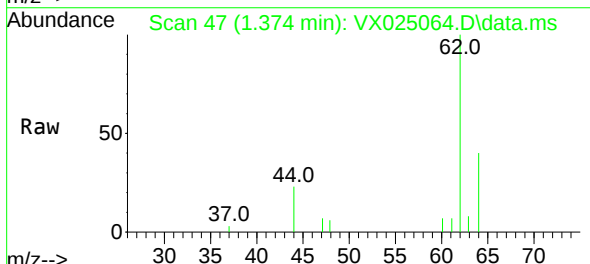
Manual Integrations
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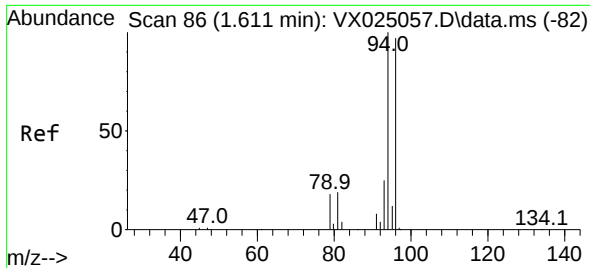
Reviewed By :John Carlone 11/04/2021
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#4
Vinyl Chloride
Concen: 2.117 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX025064.D
Acq: 03 Nov 2021 22:04

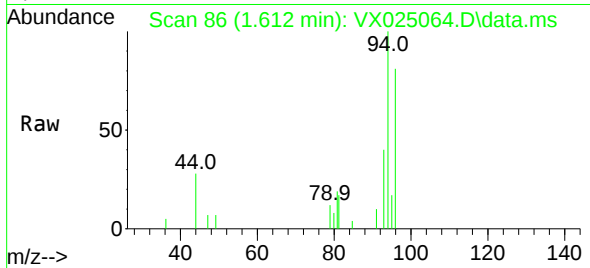
Tgt Ion: 62 Resp: 2017
Ion Ratio Lower Upper
62 100
64 34.9 25.0 37.4





#5
Bromomethane
Concen: 2.317 ug/l
RT: 1.612 min Scan# 86
Delta R.T. 0.000 min
Lab File: VX025064.D
Acq: 03 Nov 2021 22:04

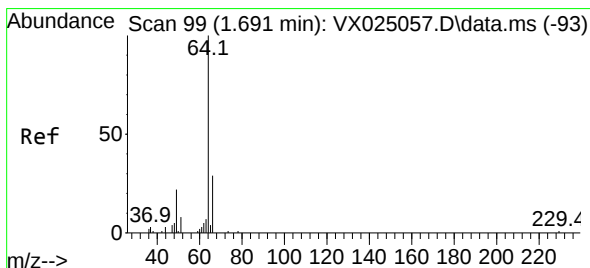
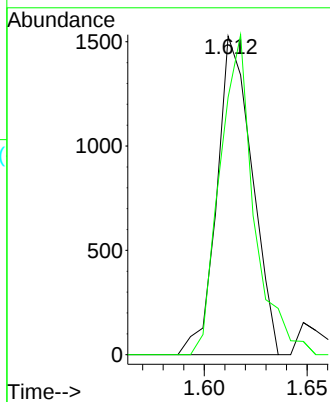
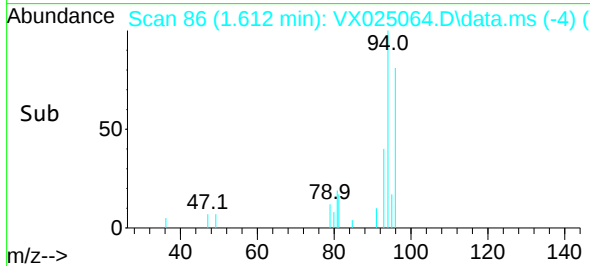
Instrument :
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ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



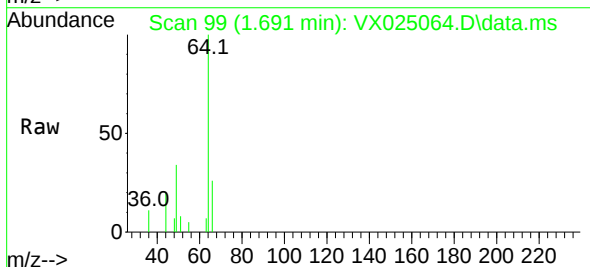
Tgt Ion: 94 Resp: 181
Ion Ratio Lower Upper
94 100
96 80.8 72.8 109.2

Manual Integrations
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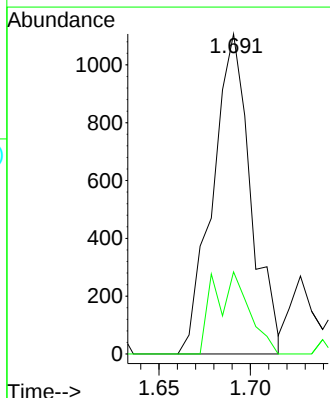
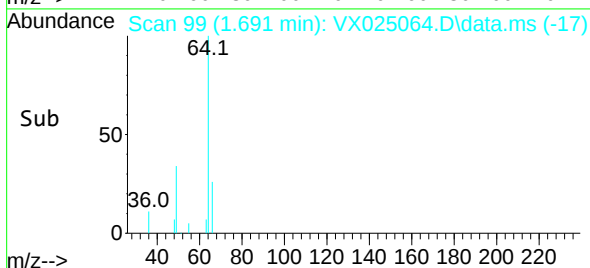
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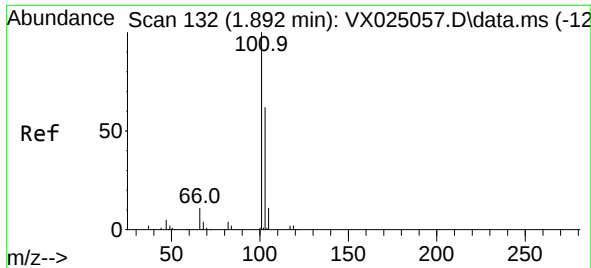


#6
Chloroethane
Concen: 3.004 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX025064.D
Acq: 03 Nov 2021 22:04



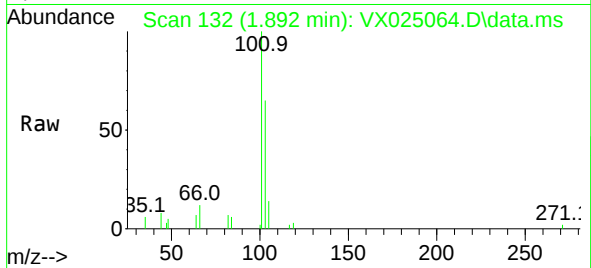
Tgt Ion: 64 Resp: 1614
Ion Ratio Lower Upper
64 100
66 25.7 26.8 40.2#





#7
 Trichlorofluoromethane
 Concen: 2.105 ug/l
 RT: 1.892 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX025064.D
 Acq: 03 Nov 2021 22:04

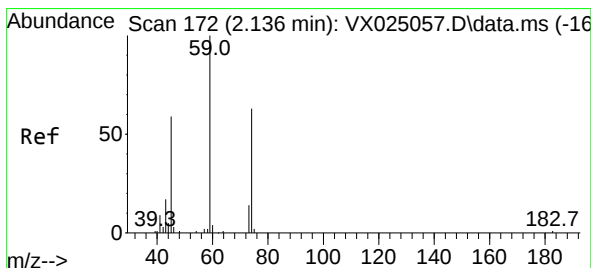
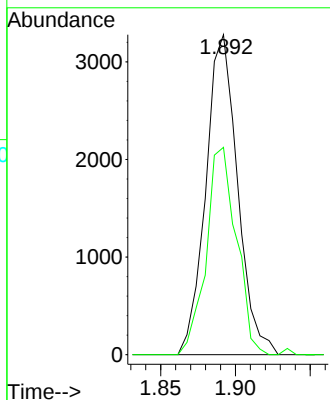
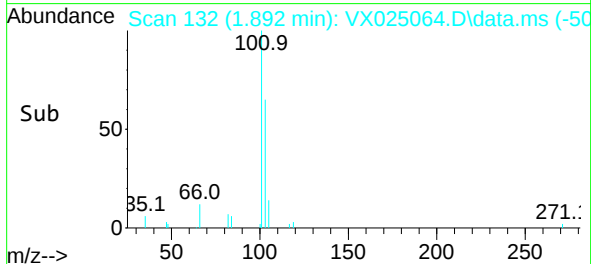
Instrument :
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Tgt Ion:101 Resp: 484
 Ion Ratio Lower Upper
 101 100
 103 64.8 55.0 82.6

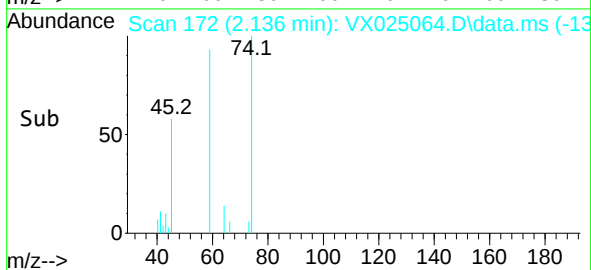
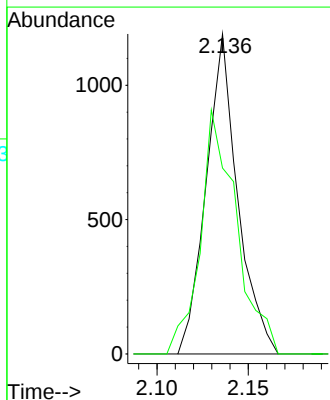
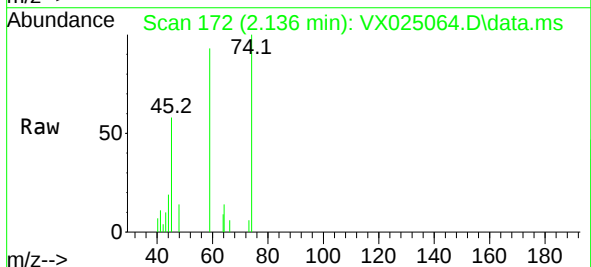
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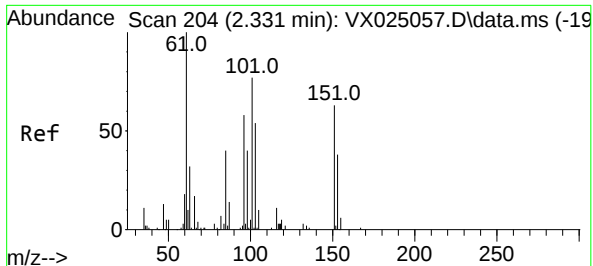
Reviewed By :John Carlone 11/04/2021
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#8
 Diethyl Ether
 Concen: 2.622 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VX025064.D
 Acq: 03 Nov 2021 22:04

Tgt Ion: 74 Resp: 1429
 Ion Ratio Lower Upper
 74 100
 45 87.0 19.9 179.1





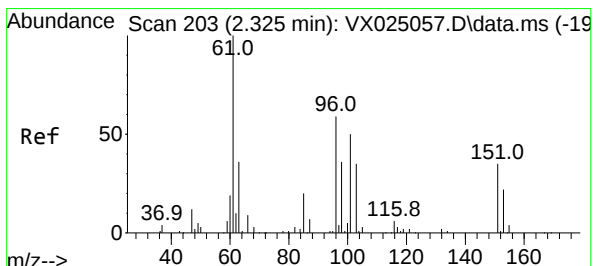
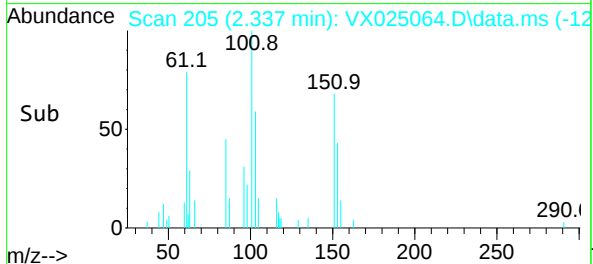
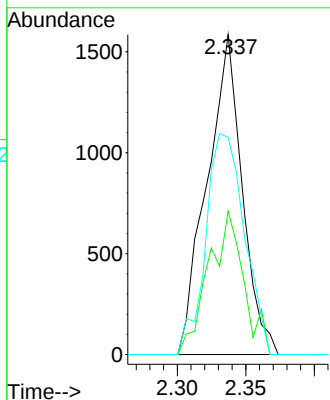
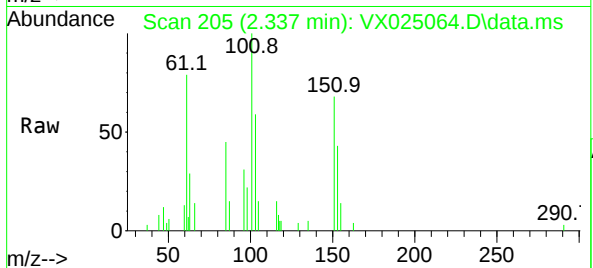
#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.358 ug/l
RT: 2.337 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX025064.D
Acq: 03 Nov 2021 22:04

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021

Tgt Ion:101 Resp: 2829
Ion Ratio Lower Upper
101 100
85 44.7 0.0 91.4
151 76.2 0.0 160.0

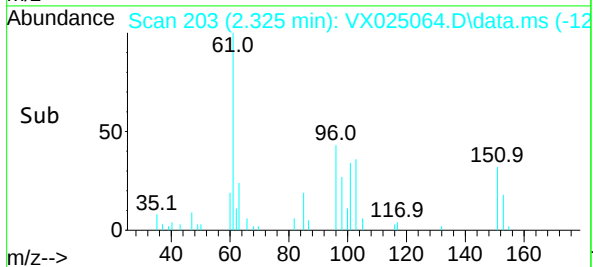
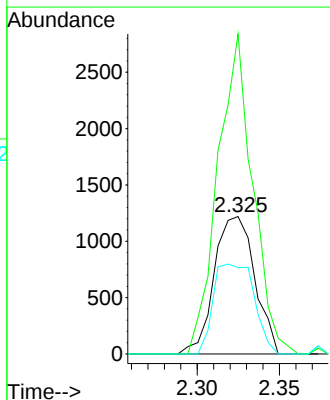
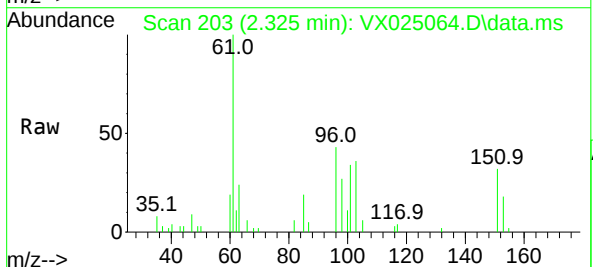
Manual Integrations
APPROVED

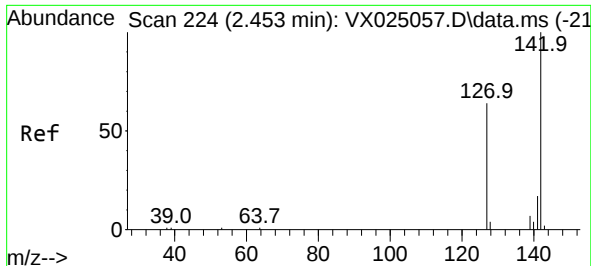
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#10
1,1-Dichloroethene
Concen: 2.055 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX025064.D
Acq: 03 Nov 2021 22:04

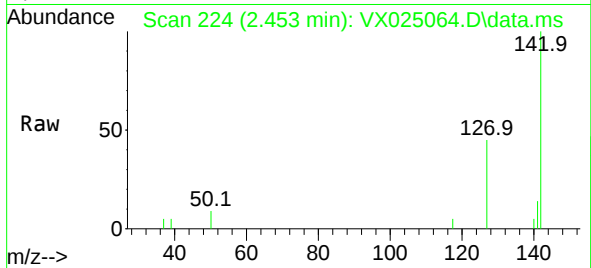
Tgt Ion: 96 Resp: 2090
Ion Ratio Lower Upper
96 100
61 232.8 140.3 210.5#
98 62.9 52.8 79.2





#11
Methyl Iodide
Concen: 5.166 ug/l
RT: 2.453 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX025064.D
Acq: 03 Nov 2021 22:04

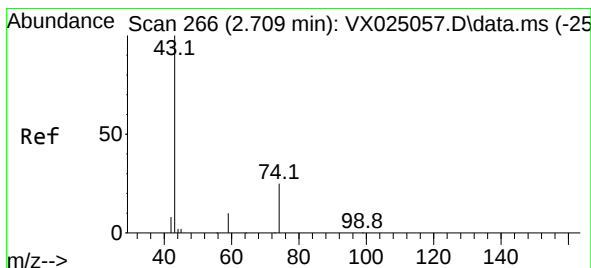
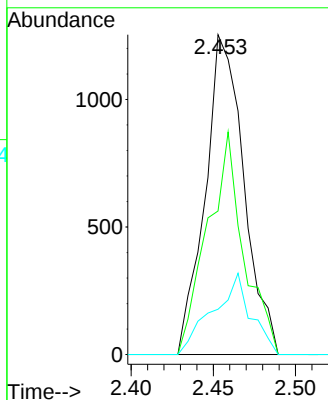
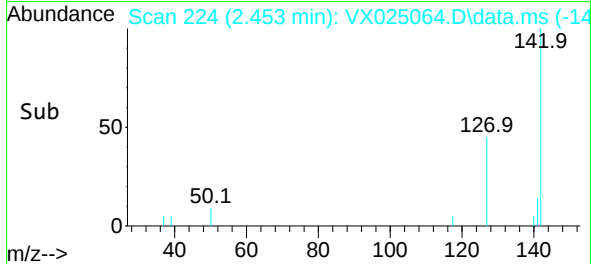
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



Tgt Ion:142 Resp: 2052
Ion Ratio Lower Upper
142 100
127 44.9 23.6 71.0
141 14.2 7.1 21.3

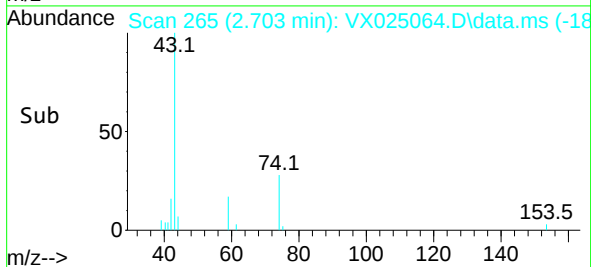
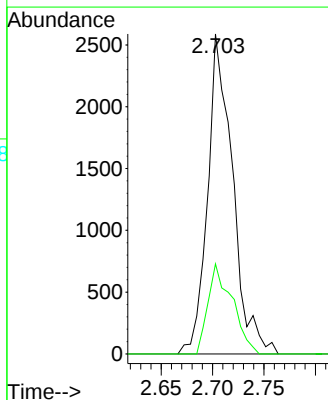
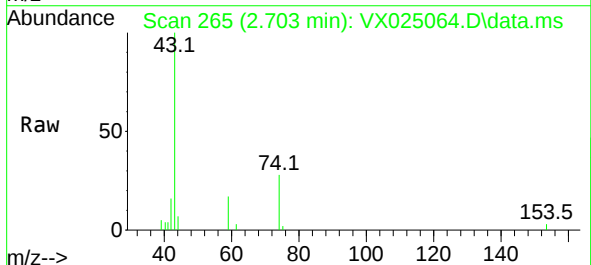
Manual Integrations
APPROVED

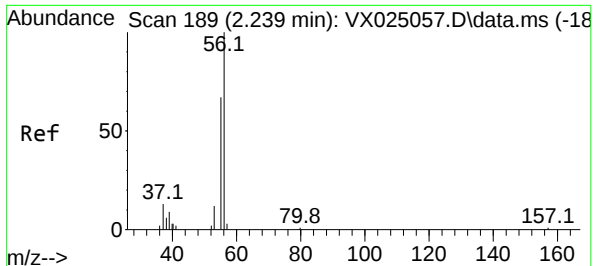
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#12
Methyl Acetate
Concen: 2.052 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX025064.D
Acq: 03 Nov 2021 22:04

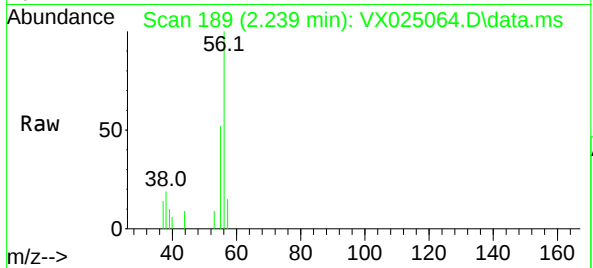
Tgt Ion: 43 Resp: 4387
Ion Ratio Lower Upper
43 100
74 28.1 18.2 27.2#





#13
Acrolein
Concen: 19.455 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX025064.D
Acq: 03 Nov 2021 22:04

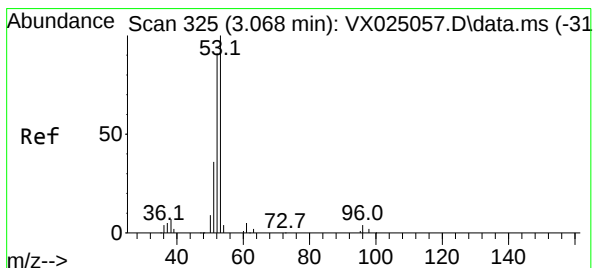
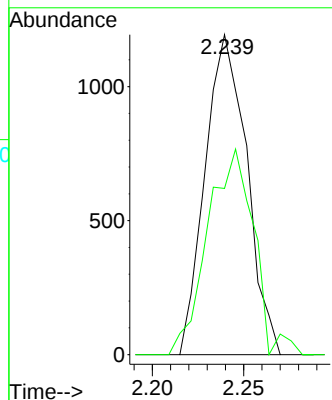
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



Tgt Ion: 56 Resp: 1894
Ion Ratio Lower Upper
56 100
55 69.0 59.5 89.3

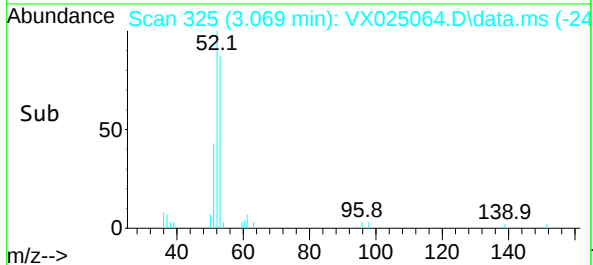
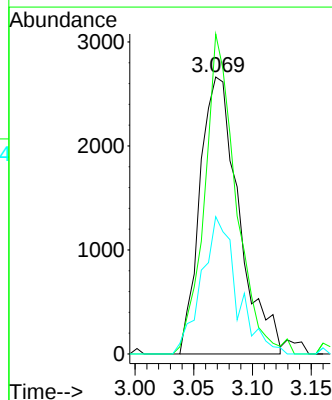
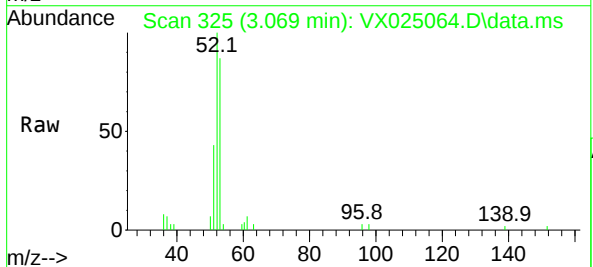
Manual Integrations
APPROVED

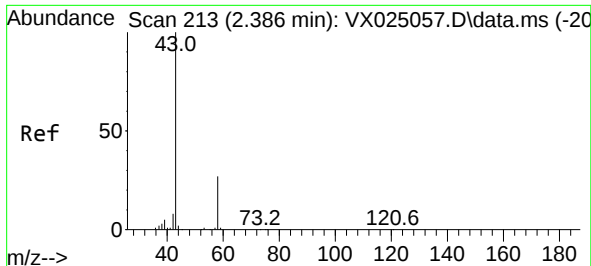
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#14
Acrylonitrile
Concen: 10.230 ug/l
RT: 3.069 min Scan# 325
Delta R.T. 0.000 min
Lab File: VX025064.D
Acq: 03 Nov 2021 22:04

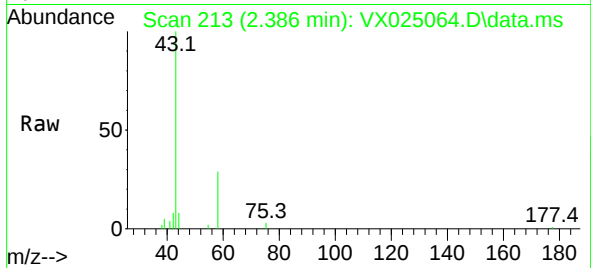
Tgt Ion: 53 Resp: 6159
Ion Ratio Lower Upper
53 100
52 92.6 40.4 121.2
51 42.1 18.1 54.1





#15
Acetone
Concen: 11.248 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX025064.D
Acq: 03 Nov 2021 22:04

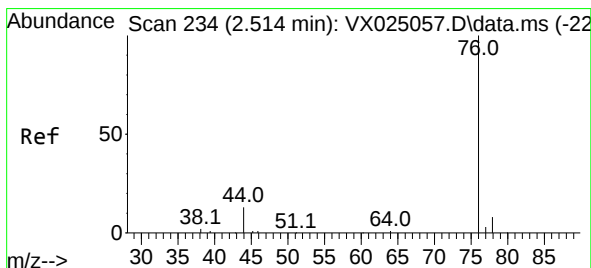
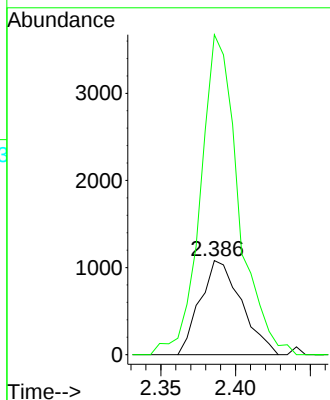
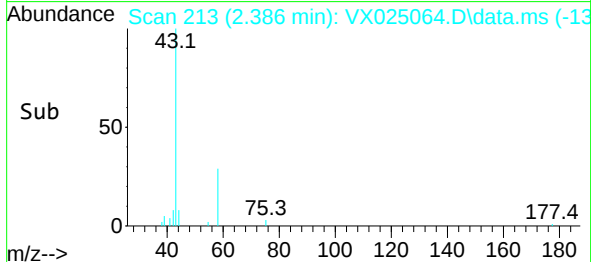
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2021



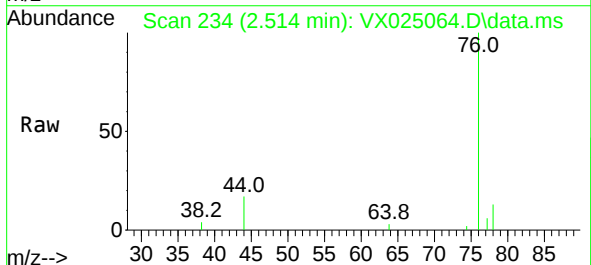
Tgt Ion: 58 Resp: 2069
Ion Ratio Lower Upper
58 100
43 330.5 266.6 400.0

Manual Integrations
APPROVED

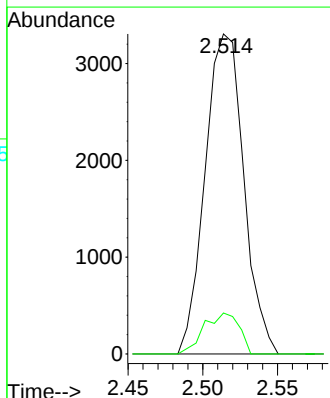
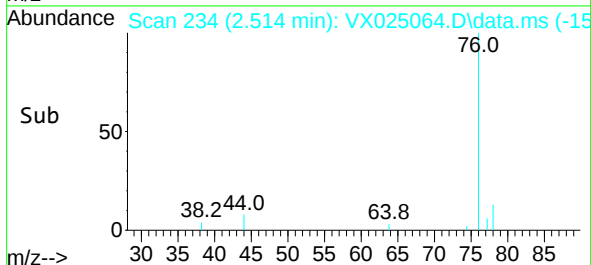
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021

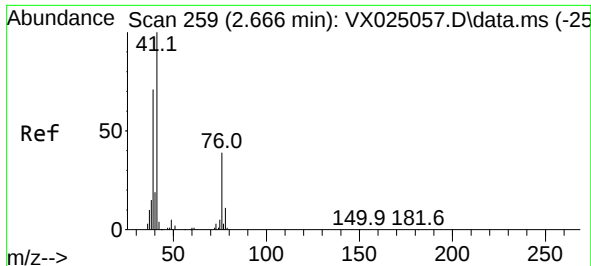


#16
Carbon Disulfide
Concen: 2.289 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX025064.D
Acq: 03 Nov 2021 22:04



Tgt Ion: 76 Resp: 5943
Ion Ratio Lower Upper
76 100
78 12.8 7.3 10.9#





#17

Allyl chloride

Concen: 2.081 ug/l

RT: 2.672 min Scan# 2

Delta R.T. 0.006 min

Lab File: VX025064.D

Acq: 03 Nov 2021 22:04

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2021

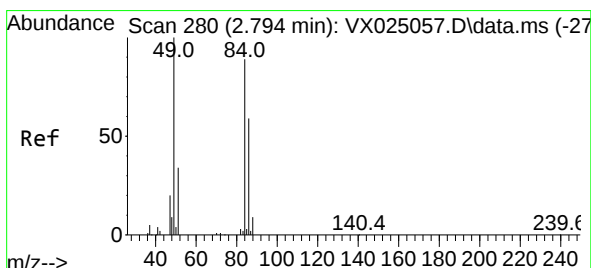
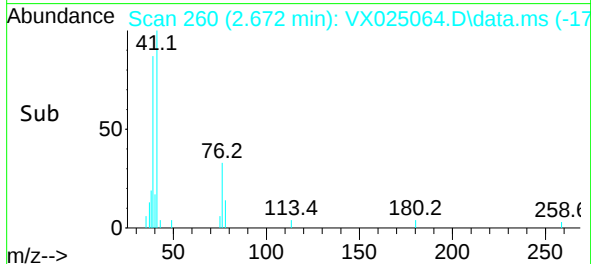
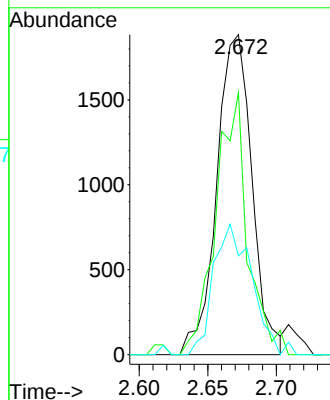
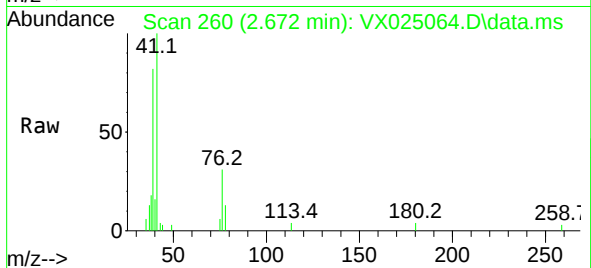
Tgt Ion: 41	Resp: 337
Ion Ratio	Lower Upper
41	100
39	81.8 36.4 109.3
76	30.9 16.6 49.7

Manual Integrations

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Reviewed By :John Carlone 11/04/2021

Supervised By :Mahesh Dadoda 11/10/2021



#18

Methylene Chloride

Concen: 2.254 ug/l

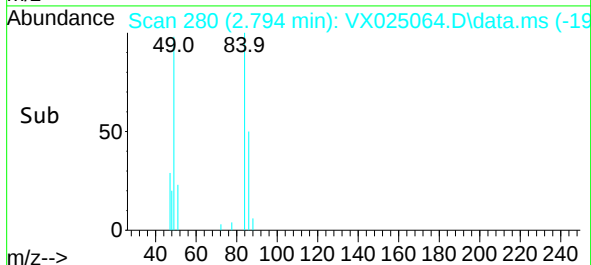
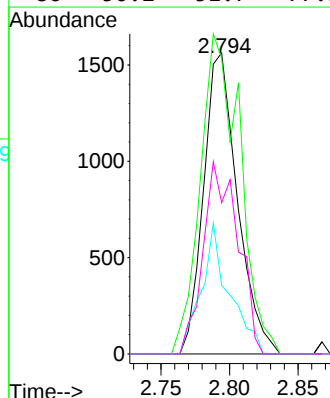
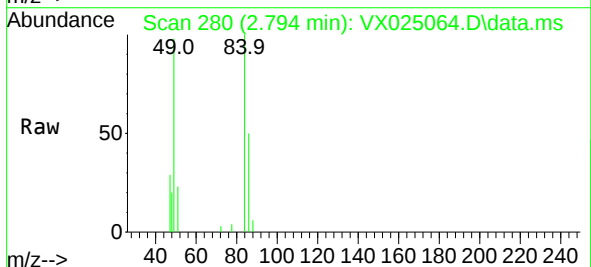
RT: 2.794 min Scan# 280

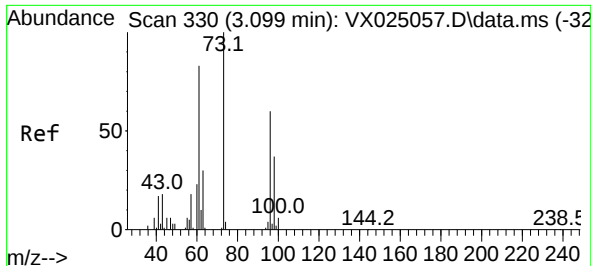
Delta R.T. 0.000 min

Lab File: VX025064.D

Acq: 03 Nov 2021 22:04

Tgt Ion: 84	Resp: 2684
Ion Ratio	Lower Upper
84	100
49	98.2 104.3 156.5#
51	22.8 30.3 45.5#
86	50.2 51.7 77.5#





#19

trans-1,2-Dichloroethene

Concen: 2.083 ug/l

RT: 3.093 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX025064.D

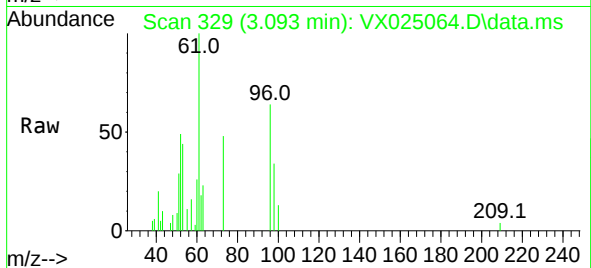
Acq: 03 Nov 2021 22:04

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2021



Tgt Ion: 96 Resp: 2329

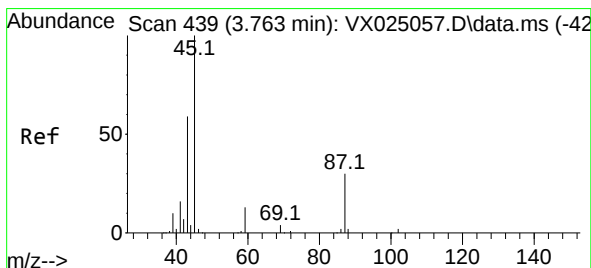
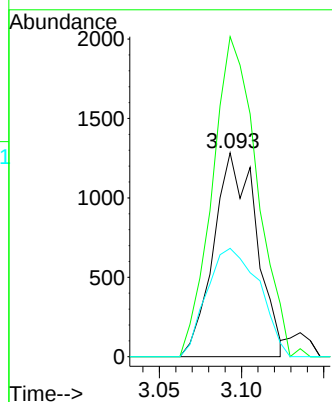
Ion	Ratio	Lower	Upper
96	100		
61	156.9	109.2	163.8
98	53.1	50.8	76.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/04/2021

Supervised By :Mahesh Dadoda 11/10/2021



#20

Diisopropyl ether

Concen: 1.953 ug/l

RT: 3.757 min Scan# 438

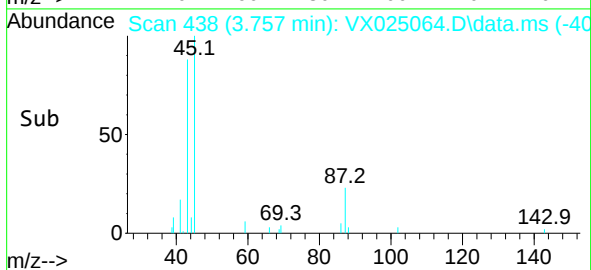
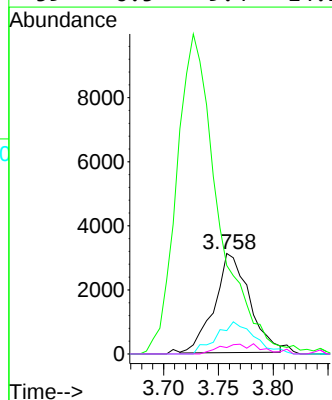
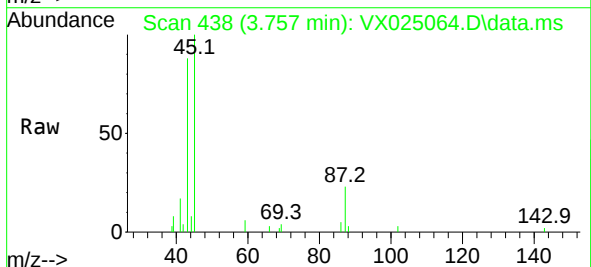
Delta R.T. -0.006 min

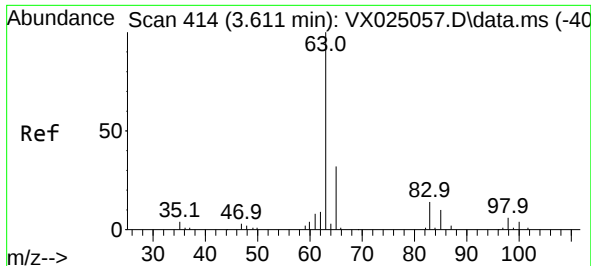
Lab File: VX025064.D

Acq: 03 Nov 2021 22:04

Tgt Ion: 45 Resp: 6858

Ion	Ratio	Lower	Upper
45	100		
43	81.5	63.8	95.6
87	23.6	21.8	32.6
59	6.5	9.4	14.2





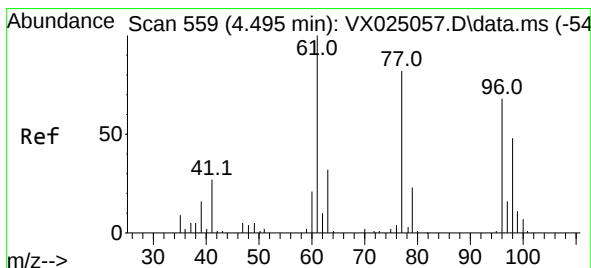
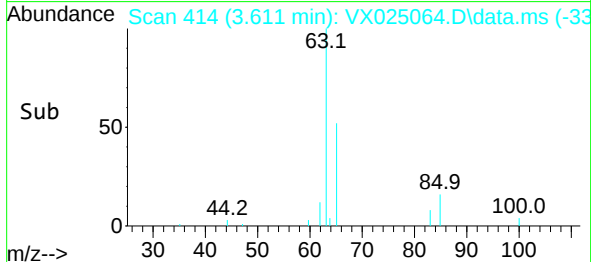
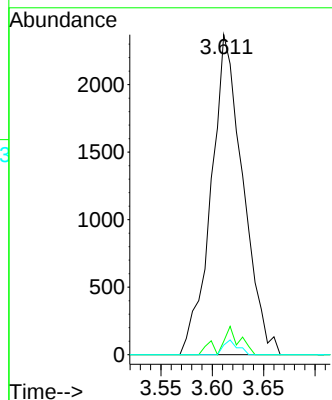
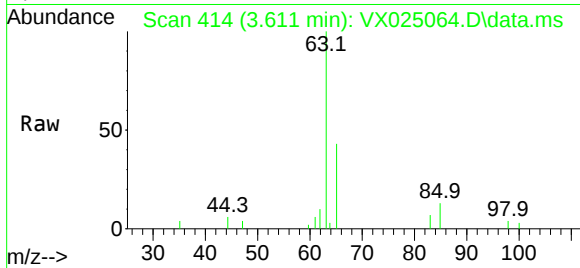
#21
1,1-Dichloroethane
Concen: 2.195 ug/l
RT: 3.611 min Scan# 411
Delta R.T. 0.000 min
Lab File: VX025064.D
Acq: 03 Nov 2021 22:04

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021

Tgt Ion: 63 Resp: 511
Ion Ratio Lower Upper
63 100
98 4.2 3.4 10.1
100 3.0 2.1 6.2

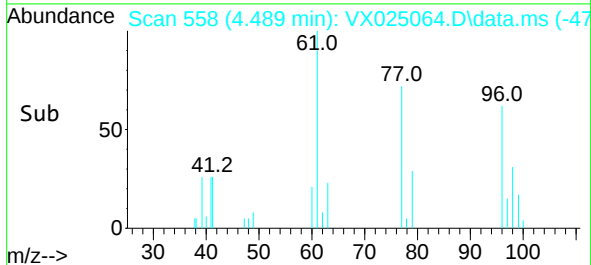
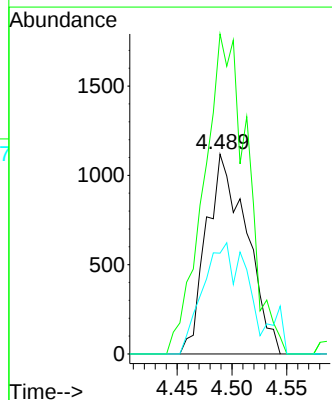
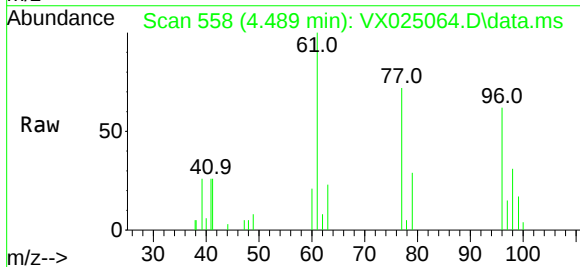
Manual Integrations
APPROVED

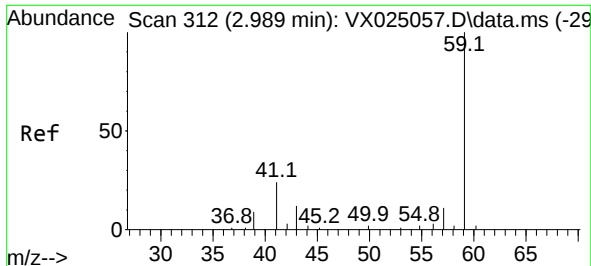
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#22
cis-1,2-Dichloroethene
Concen: 2.161 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.006 min
Lab File: VX025064.D
Acq: 03 Nov 2021 22:04

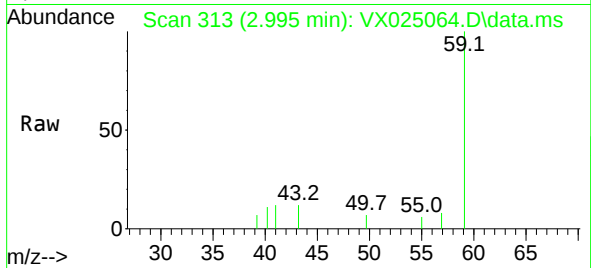
Tgt Ion: 96 Resp: 2868
Ion Ratio Lower Upper
96 100
61 166.5 114.5 171.7
98 41.0 51.3 76.9#





#23
tert-Butyl Alcohol
Concen: 10.716 ug/l m
RT: 2.995 min Scan# 312
Delta R.T. 0.006 min
Lab File: VX025064.D
Acq: 03 Nov 2021 22:04

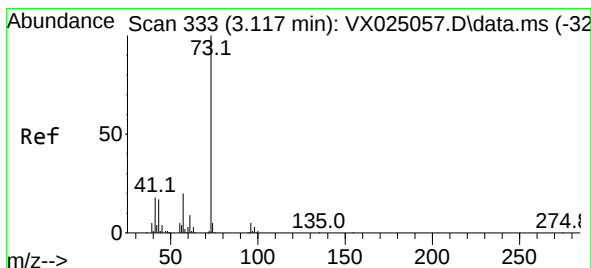
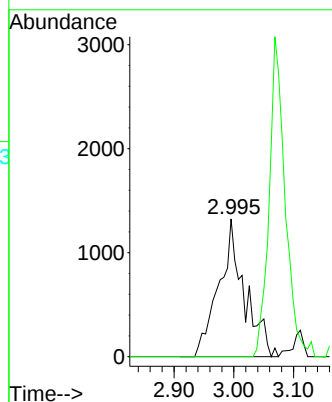
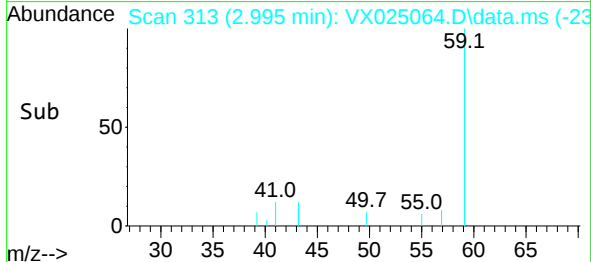
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



Tgt Ion: 59 Resp: 3923
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.15

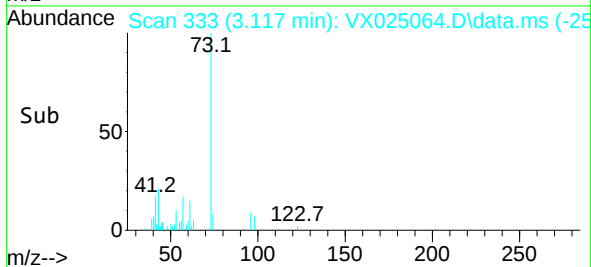
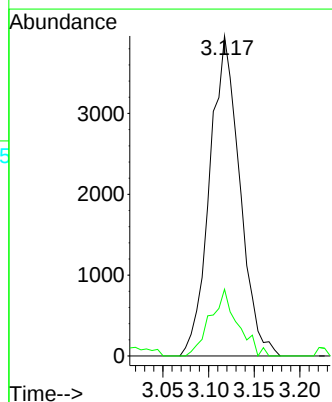
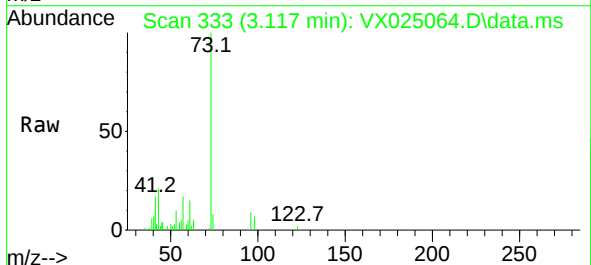
Manual Integrations
APPROVED

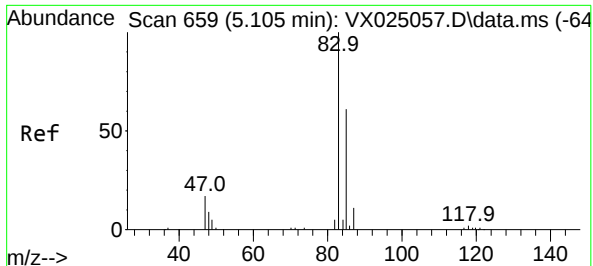
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#24
Methyl tert-Butyl Ether
Concen: 2.101 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX025064.D
Acq: 03 Nov 2021 22:04

Tgt Ion: 73 Resp: 9036
Ion Ratio Lower Upper
73 100
43 18.5 17.9 26.9





#25

Chloroform

Concen: 2.062 ug/l

RT: 5.099 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX025064.D

Acq: 03 Nov 2021 22:04

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2021

Tgt Ion: 83 Resp: 557

Ion Ratio Lower Upper

83 100

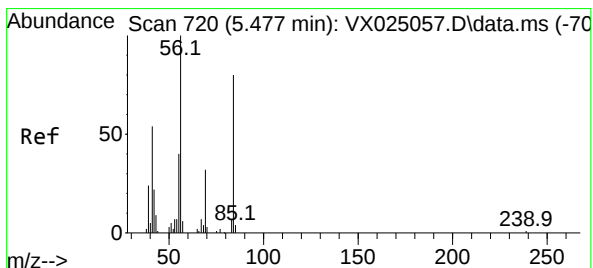
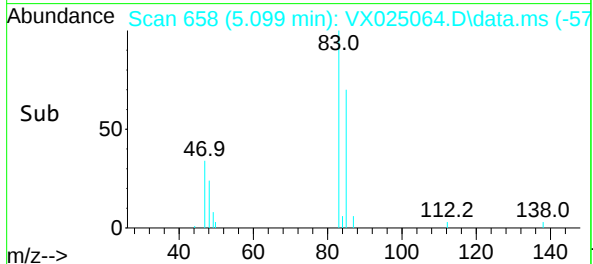
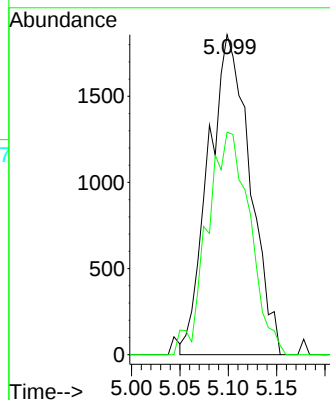
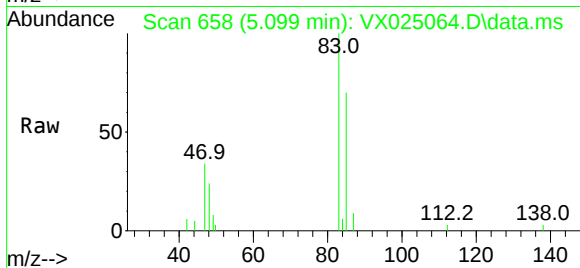
85 66.6 51.8 77.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/04/2021

Supervised By :Mahesh Dadoda 11/10/2021



#26

Cyclohexane

Concen: 2.073 ug/l

RT: 5.477 min Scan# 720

Delta R.T. 0.000 min

Lab File: VX025064.D

Acq: 03 Nov 2021 22:04

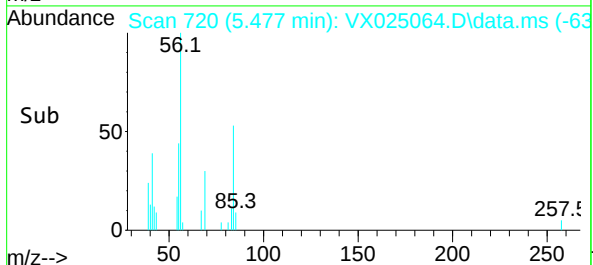
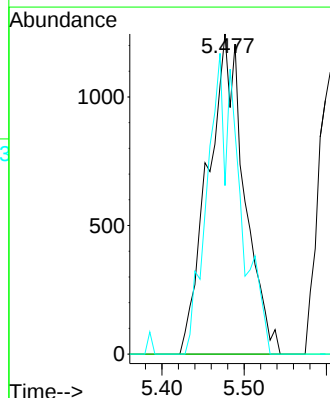
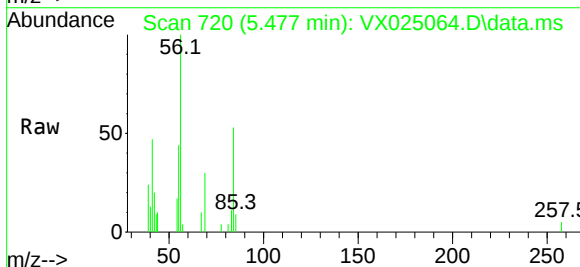
Tgt Ion: 56 Resp: 3852

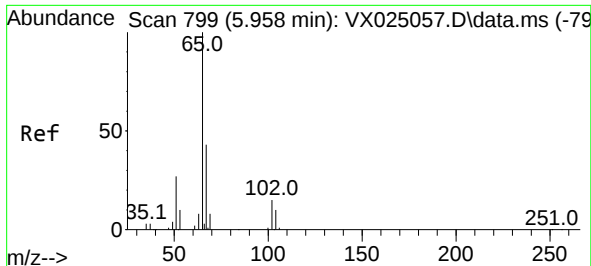
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

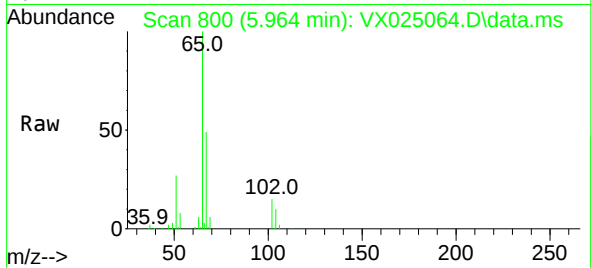
84 27.5 69.0 103.6#





#27
1,2-Dichloroethane-d4
Concen: 28.225 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX025064.D
Acq: 03 Nov 2021 22:04

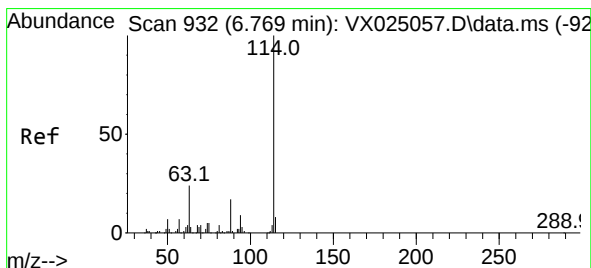
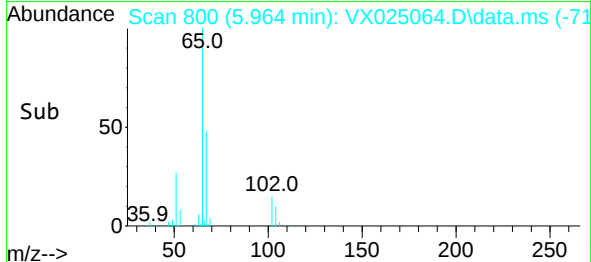
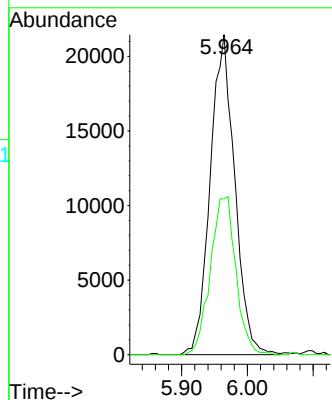
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



Tgt Ion: 65 Resp: 55639
Ion Ratio Lower Upper
65 100
67 51.2 42.4 63.6

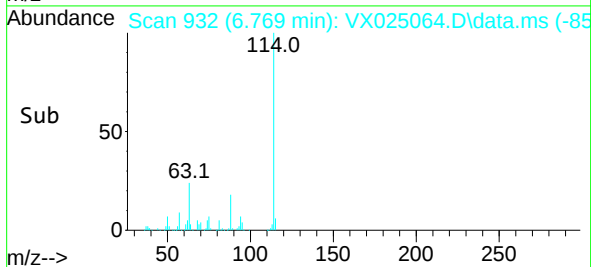
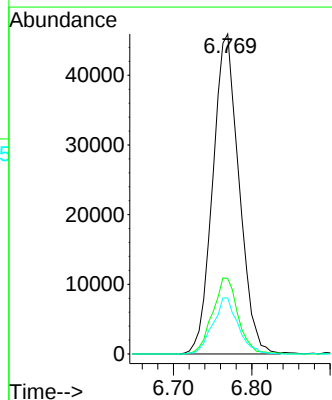
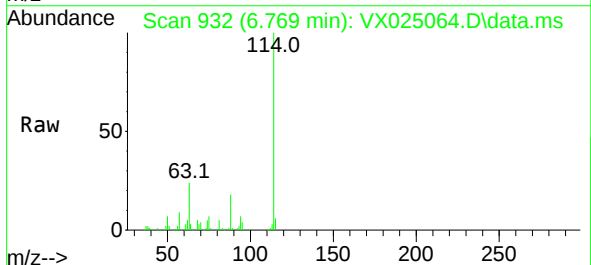
Manual Integrations
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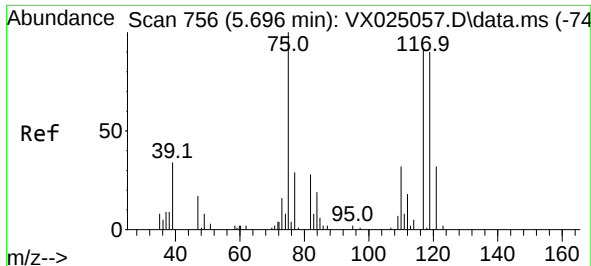
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX025064.D
Acq: 03 Nov 2021 22:04

Tgt Ion:114 Resp: 107007
Ion Ratio Lower Upper
114 100
63 23.0 16.4 24.6
88 16.8 12.7 19.1





#29

1,1-Dichloropropene

Concen: 2.137 ug/l

RT: 5.696 min Scan# 756

Delta R.T. 0.000 min

Lab File: VX025064.D

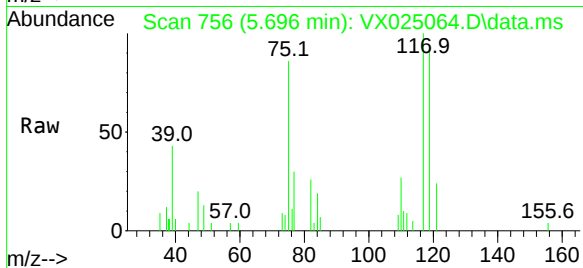
Acq: 03 Nov 2021 22:04

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2021



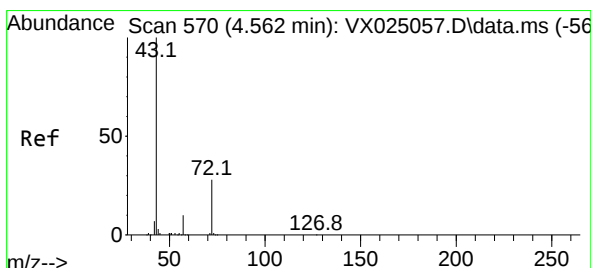
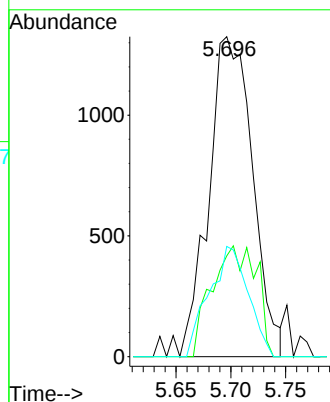
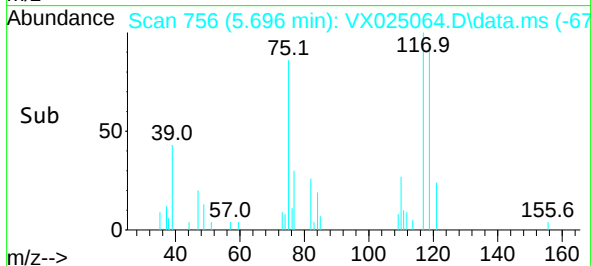
Tgt Ion:	75	Resp:	367
Ion Ratio	Lower	Upper	
75	100		
110	23.3	0.0	72.0
77	30.7	0.0	61.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/04/2021

Supervised By :Mahesh Dadoda 11/10/2021



#30

2-Butanone

Concen: 10.358 ug/l

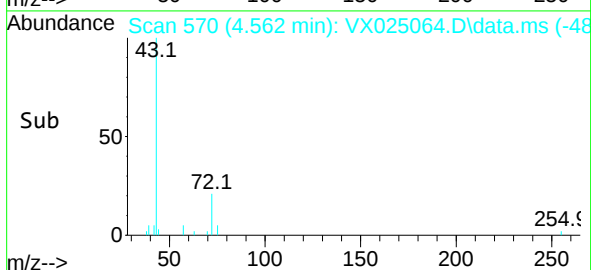
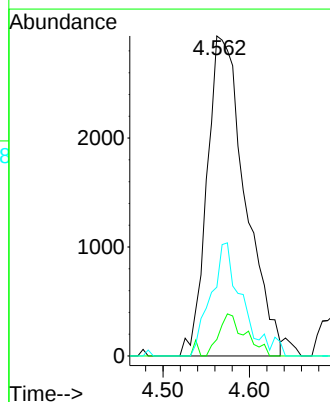
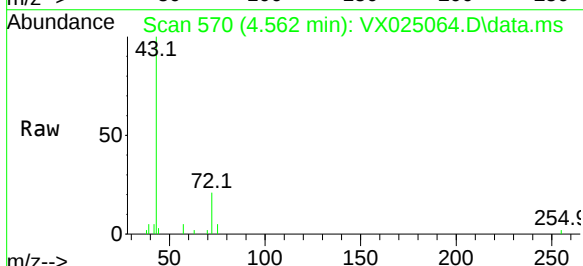
RT: 4.562 min Scan# 570

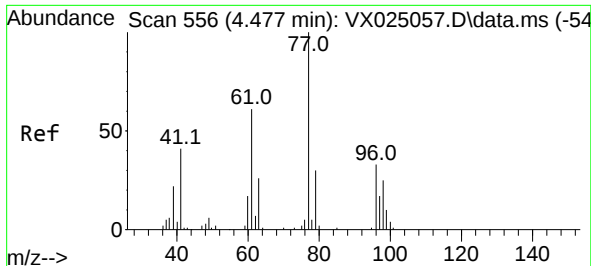
Delta R.T. 0.000 min

Lab File: VX025064.D

Acq: 03 Nov 2021 22:04

Tgt Ion:	43	Resp:	8989
Ion Ratio	Lower	Upper	
43	100		
57	6.9	6.6	9.8
72	21.9	21.0	31.4





#31

2,2-Dichloropropane

Concen: 2.015 ug/l m

RT: 4.483 min Scan# 5

Delta R.T. 0.006 min

Lab File: VX025064.D

Acq: 03 Nov 2021 22:04

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2021

Tgt Ion: 77 Resp: 4404

Ion Ratio Lower Upper

77 100

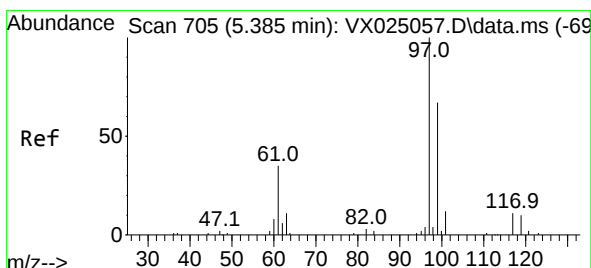
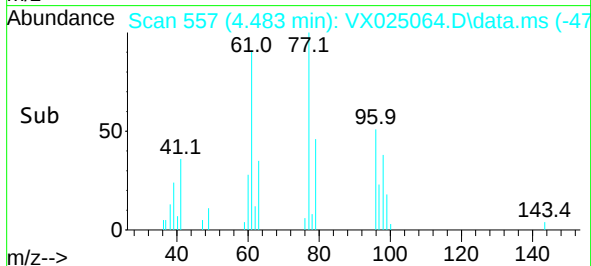
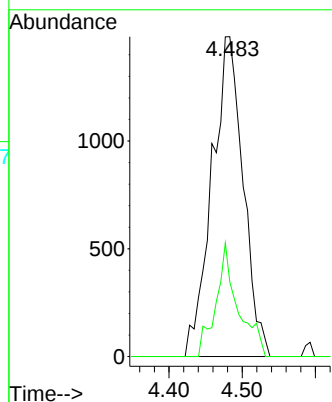
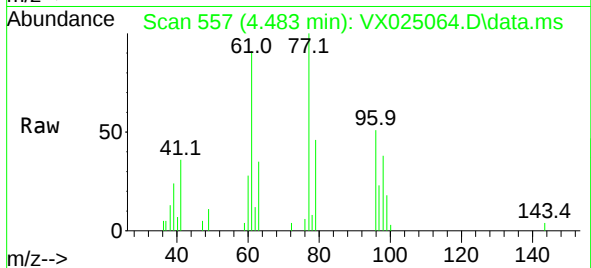
97 14.8 19.8 29.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/04/2021

Supervised By :Mahesh Dadoda 11/10/2021



#32

1,1,1-Trichloroethane

Concen: 2.295 ug/l m

RT: 5.397 min Scan# 707

Delta R.T. 0.012 min

Lab File: VX025064.D

Acq: 03 Nov 2021 22:04

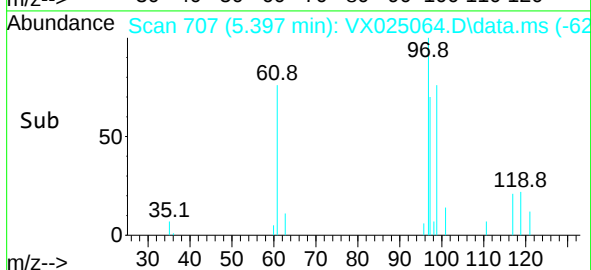
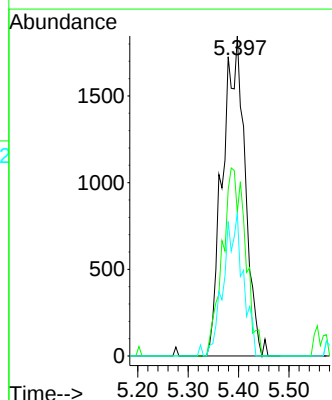
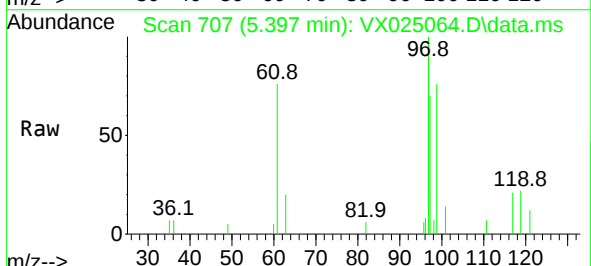
Tgt Ion: 97 Resp: 5680

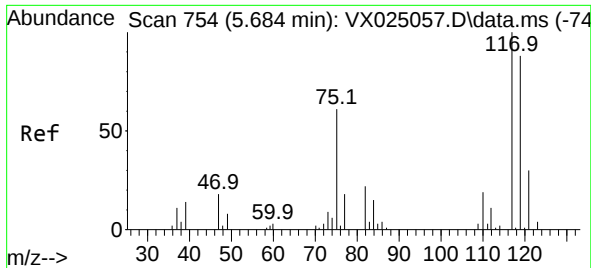
Ion Ratio Lower Upper

97 100

99 39.9 50.4 75.6#

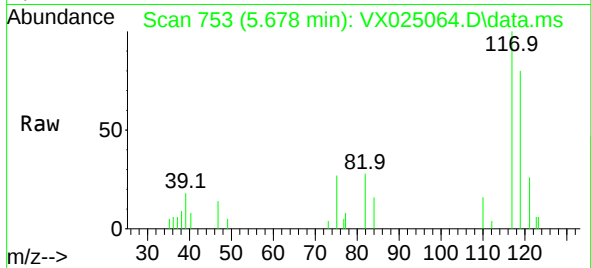
61 18.3 36.4 54.6#





#33
Carbon Tetrachloride
Concen: 2.111 ug/l m
RT: 5.678 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX025064.D
Acq: 03 Nov 2021 22:04

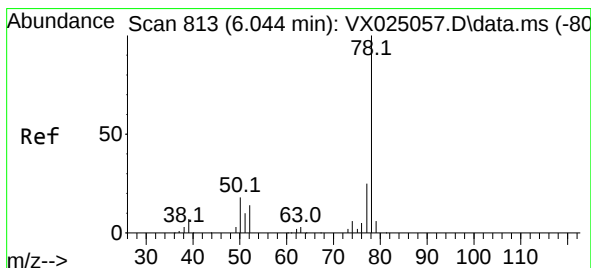
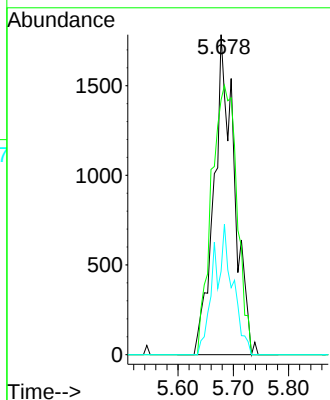
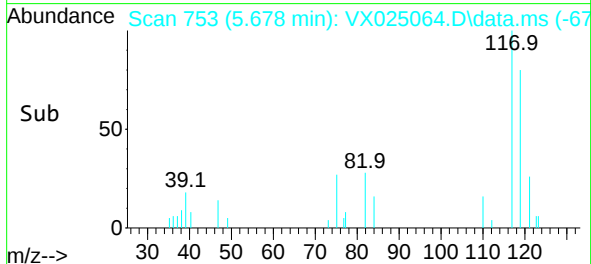
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



Tgt Ion:117 Resp: 4580
Ion Ratio Lower Upper
117 100
119 79.6 75.4 113.2
121 26.1 24.1 36.1

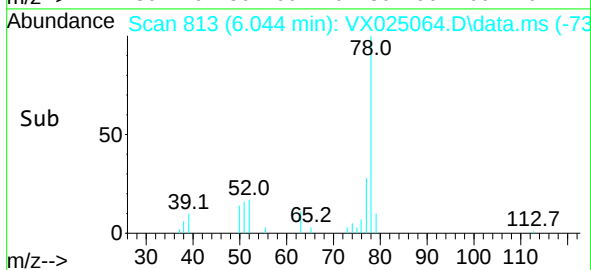
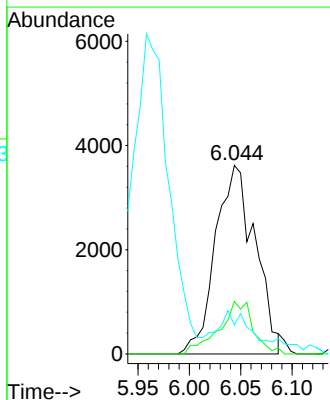
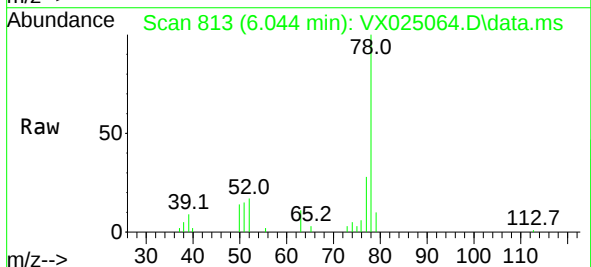
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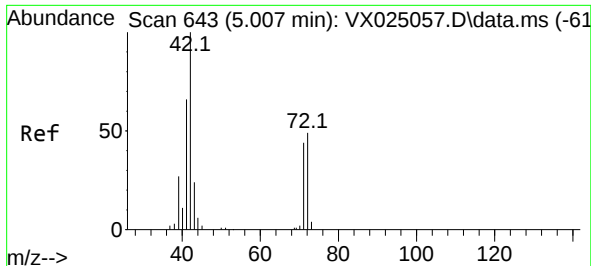
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#34
Benzene
Concen: 2.210 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.000 min
Lab File: VX025064.D
Acq: 03 Nov 2021 22:04

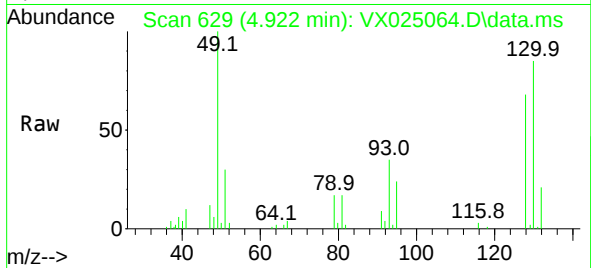
Tgt Ion: 78 Resp: 9697
Ion Ratio Lower Upper
78 100
77 27.8 19.3 28.9
51 7.3 12.2 18.4#





#35
Methacrylonitrile
Concen: 2.381 ug/l m
RT: 4.922 min Scan# 61
Delta R.T. -0.085 min
Lab File: VX025064.D
Acq: 03 Nov 2021 22:04

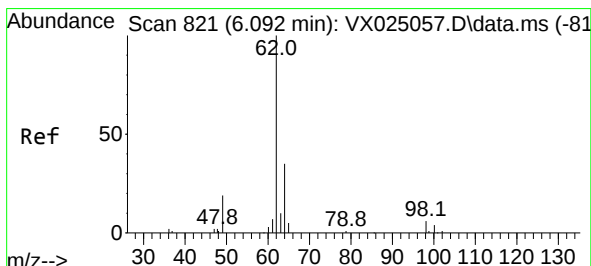
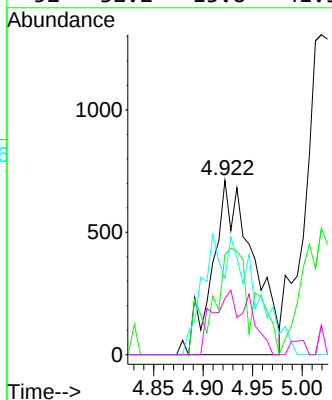
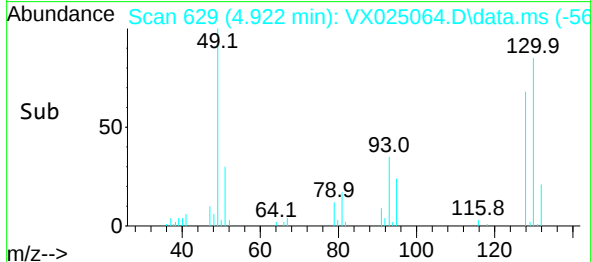
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



Tgt Ion:	41	Resp:	2038
Ion	Ratio	Lower	Upper
41	100		
39	57.3	27.4	82.2
67	44.0	34.6	103.9
52	32.2	13.8	41.3

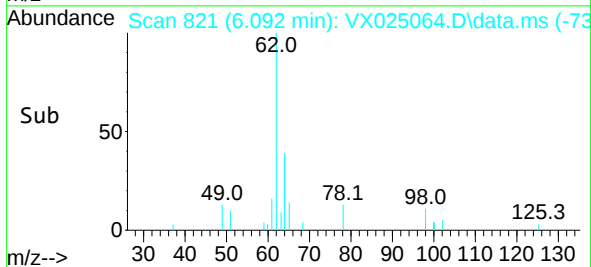
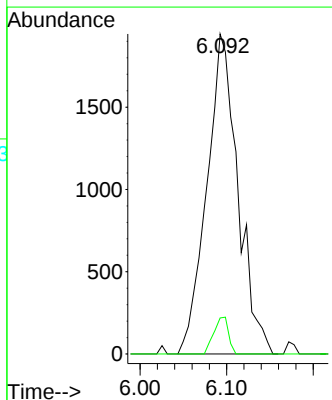
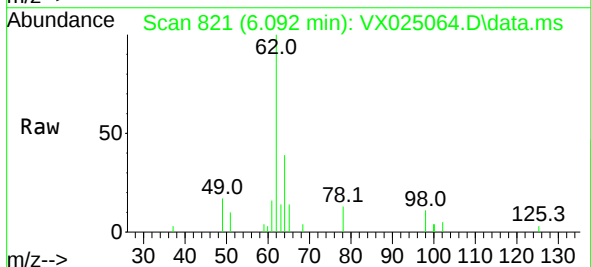
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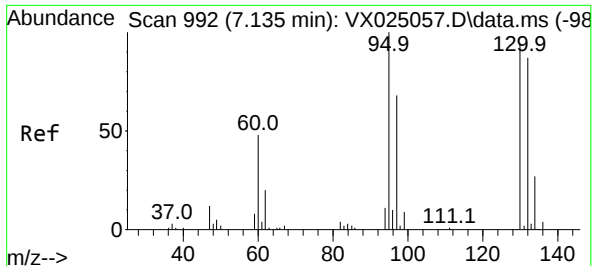
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#36
1,2-Dichloroethane
Concen: 2.287 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.000 min
Lab File: VX025064.D
Acq: 03 Nov 2021 22:04

Tgt Ion:	62	Resp:	4864
Ion	Ratio	Lower	Upper
62	100		
98	5.4	7.0	10.4#





#37

Trichloroethene

Concen: 2.336 ug/l

RT: 7.129 min Scan# 91

Delta R.T. -0.006 min

Lab File: VX025064.D

Acq: 03 Nov 2021 22:04

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2021

Tgt Ion:130 Resp: 286

Ion Ratio Lower Upper

130 100

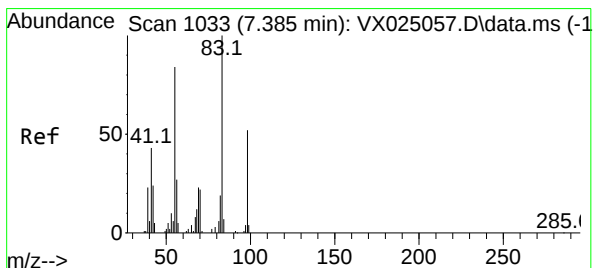
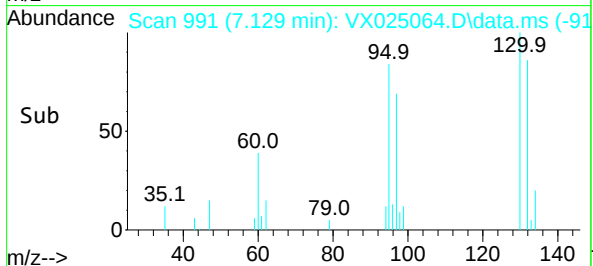
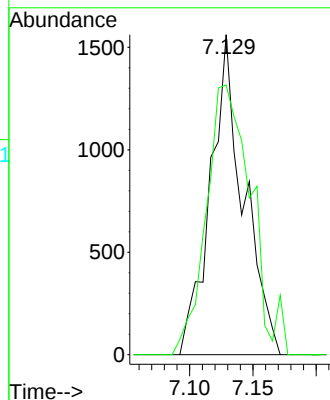
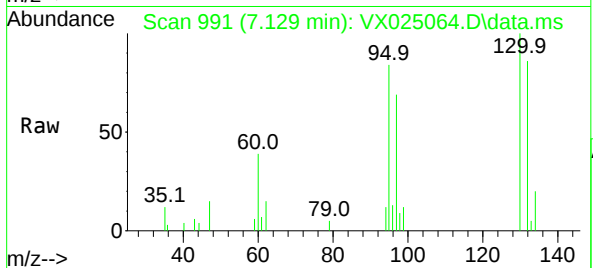
95 79.5 77.0 115.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/04/2021

Supervised By :Mahesh Dadoda 11/10/2021



#38

Methylcyclohexane

Concen: 2.093 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VX025064.D

Acq: 03 Nov 2021 22:04

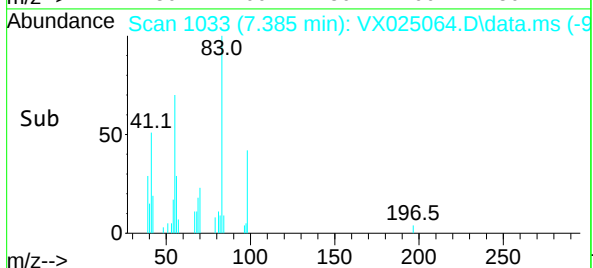
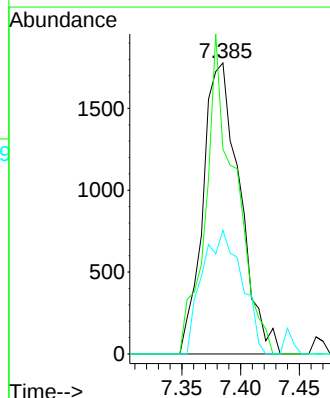
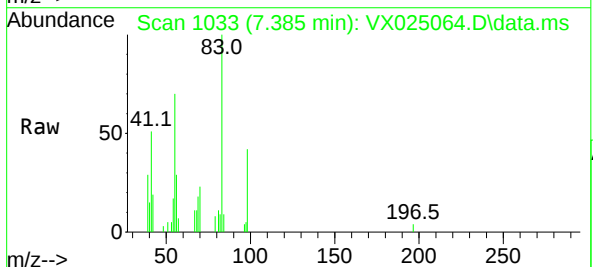
Tgt Ion: 83 Resp: 3868

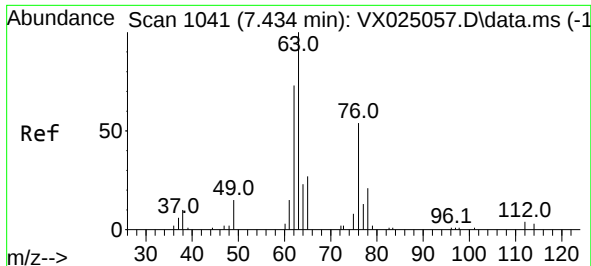
Ion Ratio Lower Upper

83 100

55 63.2 37.8 113.4

98 45.8 23.4 70.3





#39

1,2-Dichloropropane

Concen: 2.312 ug/l m

RT: 7.421 min Scan# 1039

Delta R.T. -0.012 min

Lab File: VX025064.D

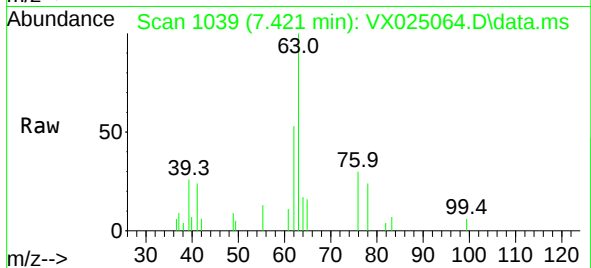
Acq: 03 Nov 2021 22:04

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2021



Tgt Ion: 63 Resp: 2769

Ion Ratio Lower Upper

63 100

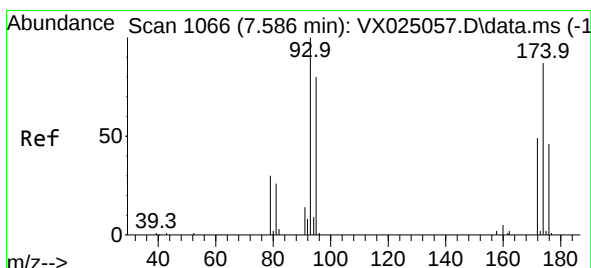
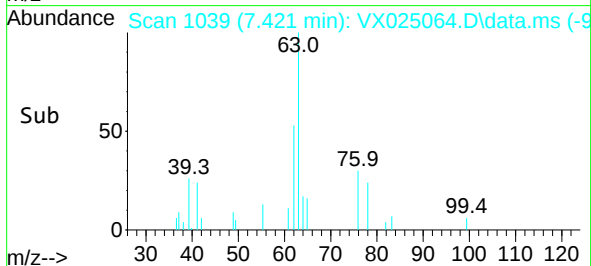
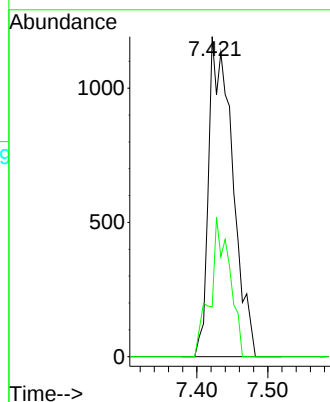
65 15.6 23.4 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/04/2021

Supervised By :Mahesh Dadoda 11/10/2021



#40

Dibromomethane

Concen: 2.364 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VX025064.D

Acq: 03 Nov 2021 22:04

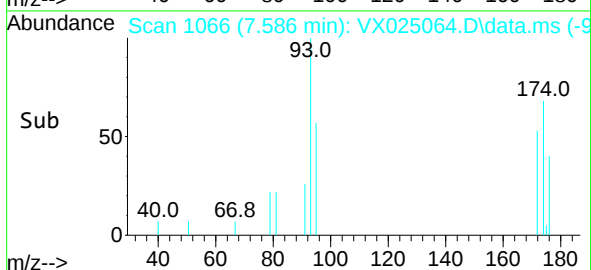
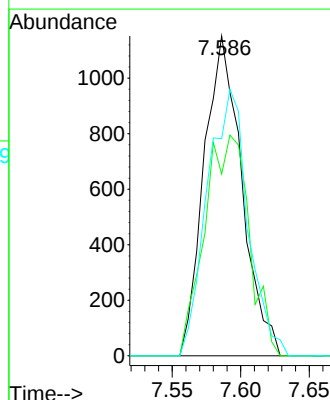
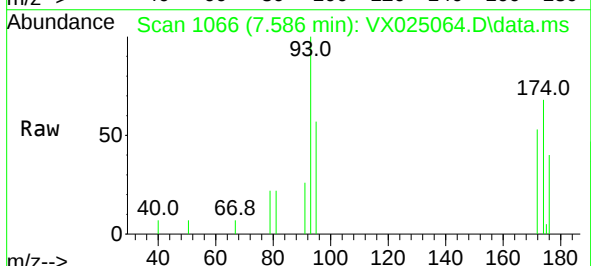
Tgt Ion: 93 Resp: 2206

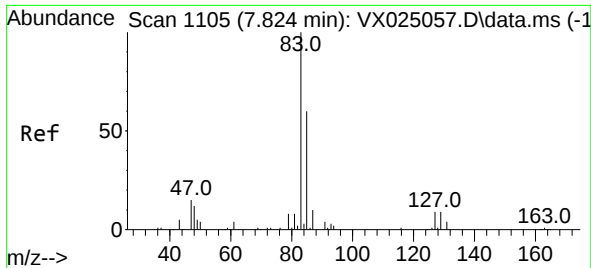
Ion Ratio Lower Upper

93 100

95 38.5 0.0 168.4

174 0.0 0.0 206.6





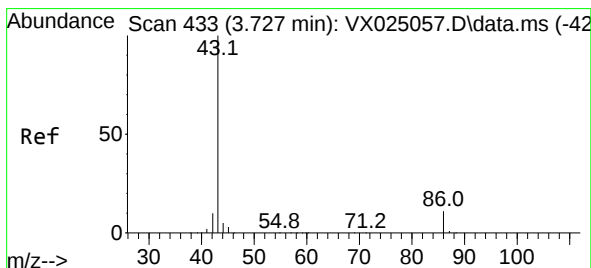
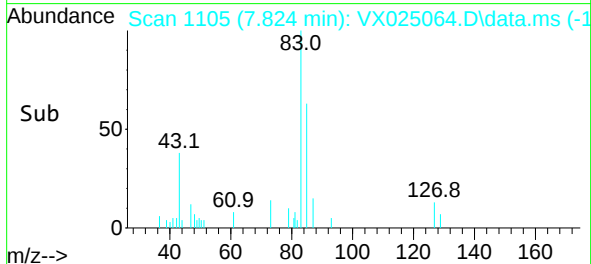
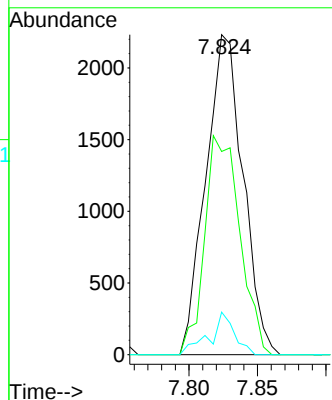
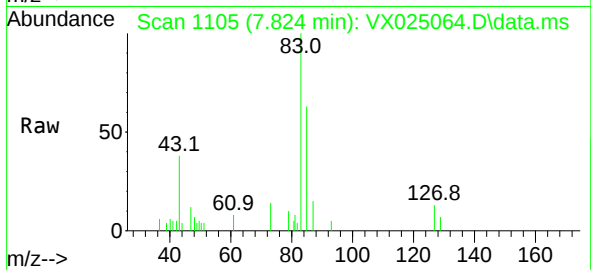
#41
Bromodichloromethane
Concen: 2.131 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX025064.D
Acq: 03 Nov 2021 22:04

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2021

Tgt Ion: 83 Resp: 422
Ion Ratio Lower Upper
83 100
85 63.5 51.7 77.5
127 13.3 7.4 11.0

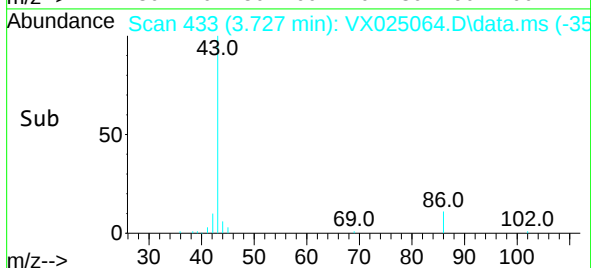
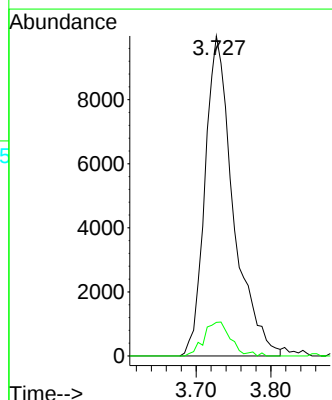
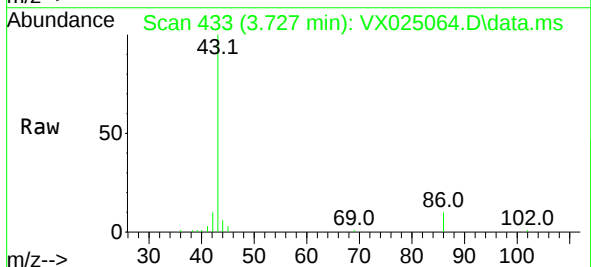
Manual Integrations
APPROVED

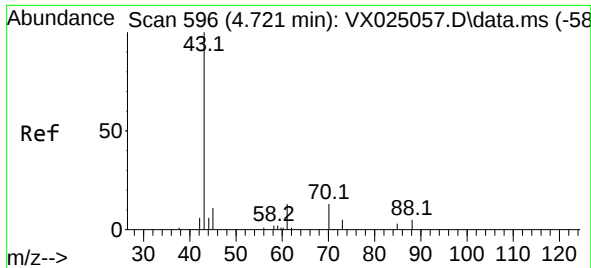
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#42
Vinyl Acetate
Concen: 10.135 ug/l
RT: 3.727 min Scan# 433
Delta R.T. 0.000 min
Lab File: VX025064.D
Acq: 03 Nov 2021 22:04

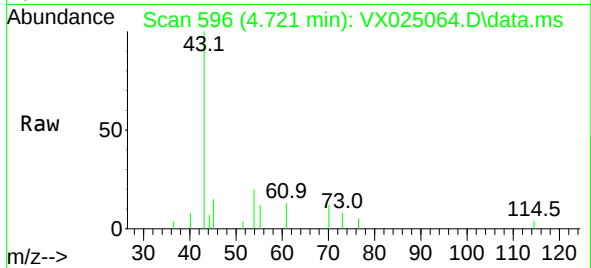
Tgt Ion: 43 Resp: 26316
Ion Ratio Lower Upper
43 100
86 9.7 7.2 10.8





#43
Ethyl Acetate
Concen: 2.424 ug/l m
RT: 4.721 min Scan# 596
Delta R.T. 0.000 min
Lab File: VX025064.D
Acq: 03 Nov 2021 22:04

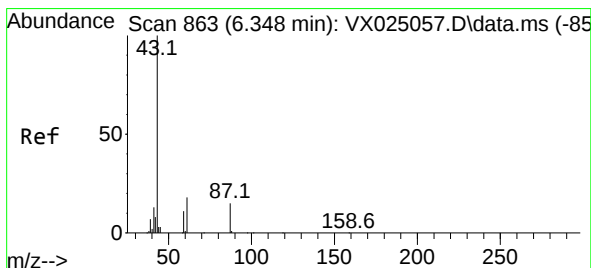
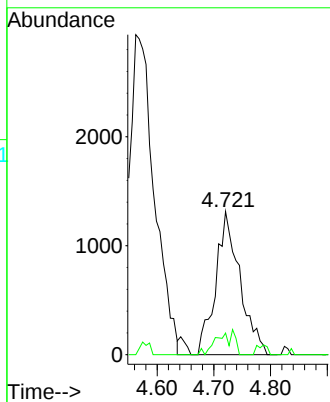
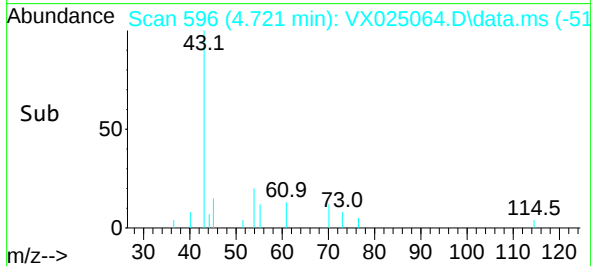
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2021



Tgt Ion: 43 Resp: 4032
Ion Ratio Lower Upper
43 100
45 0.5 12.1 18.1

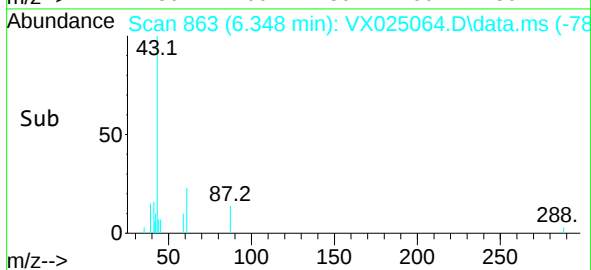
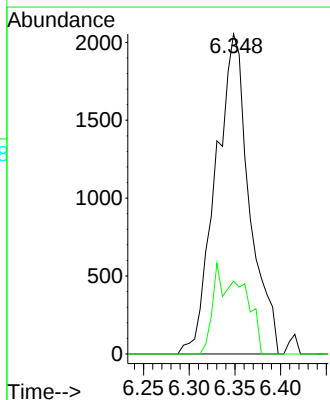
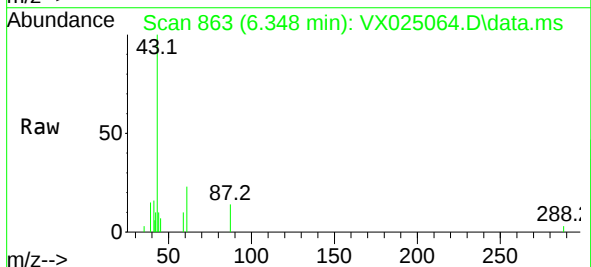
Manual Integrations
APPROVED

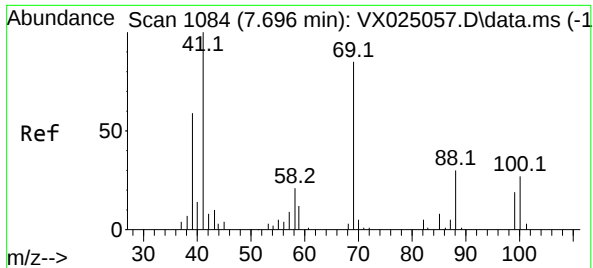
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#44
Isopropyl Acetate
Concen: 2.032 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX025064.D
Acq: 03 Nov 2021 22:04

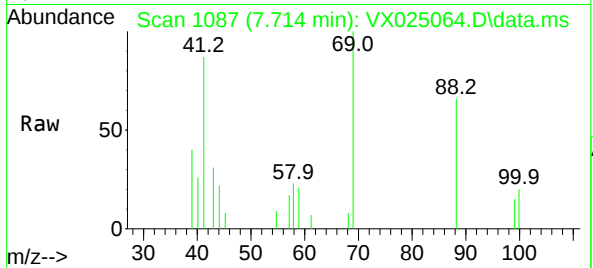
Tgt Ion: 43 Resp: 5286
Ion Ratio Lower Upper
43 100
61 2.7 15.4 23.2





#45
1,4-Dioxane
Concen: 57.981 ug/l m
RT: 7.714 min Scan# 1087
Delta R.T. 0.018 min
Lab File: VX025064.D
Acq: 03 Nov 2021 22:04

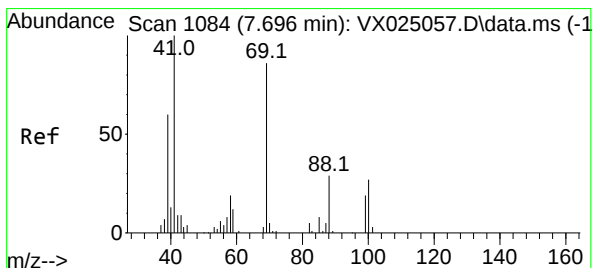
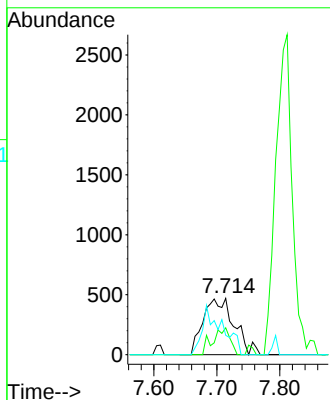
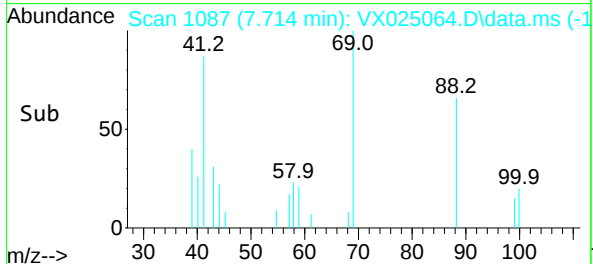
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



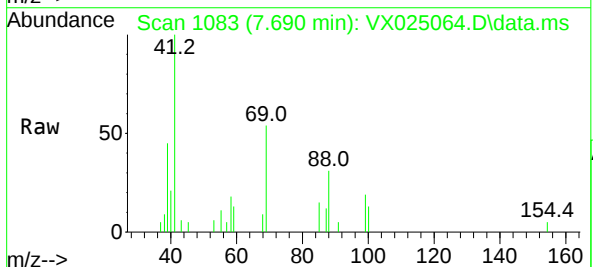
Tgt Ion: 88 Resp: 1602
Ion Ratio Lower Upper
88 100
43 5.4 25.3 37.9
58 35.1 53.1 79.7

Manual Integrations
APPROVED

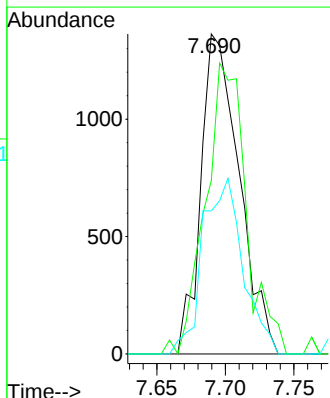
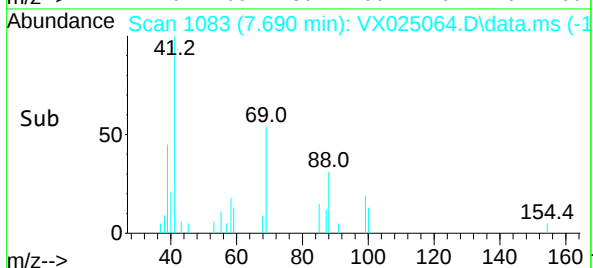
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021

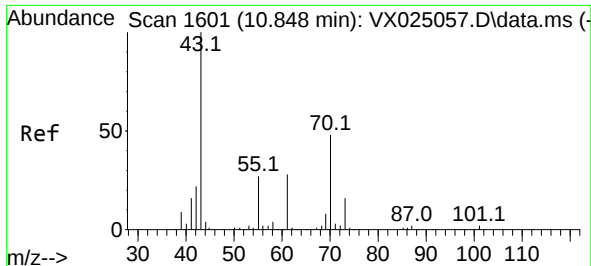


#46
Methyl methacrylate
Concen: 2.083 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX025064.D
Acq: 03 Nov 2021 22:04



Tgt Ion: 41 Resp: 2649
Ion Ratio Lower Upper
41 100
69 54.2 39.5 118.5
39 44.7 29.0 87.1





#47

n-amy1 Acetate

Concen: 1.959 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. -0.006 min

Lab File: VX025064.D

Acq: 03 Nov 2021 22:04

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2021

Tgt Ion: 43 Resp: 411

Ion Ratio Lower Upper

43 100

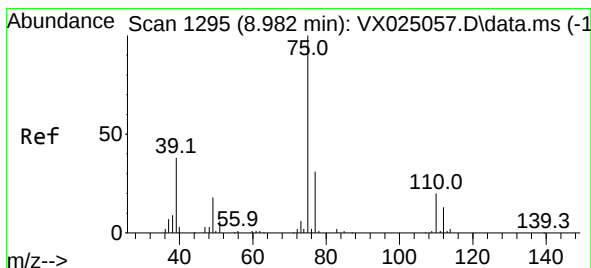
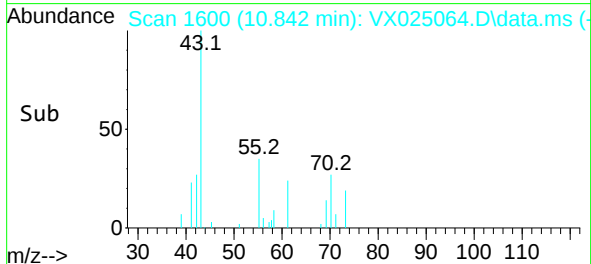
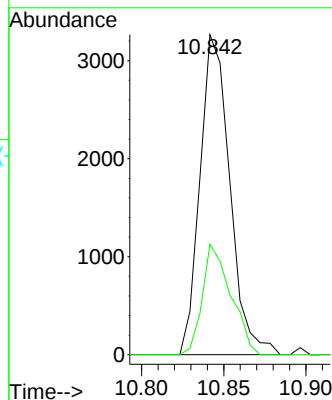
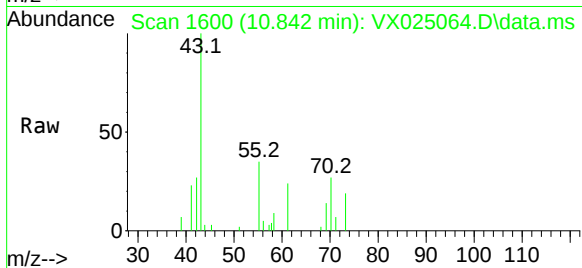
55 33.0 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/04/2021

Supervised By :Mahesh Dadoda 11/10/2021



#48

t-1,3-Dichloropropene

Concen: 2.199 ug/l

RT: 8.982 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VX025064.D

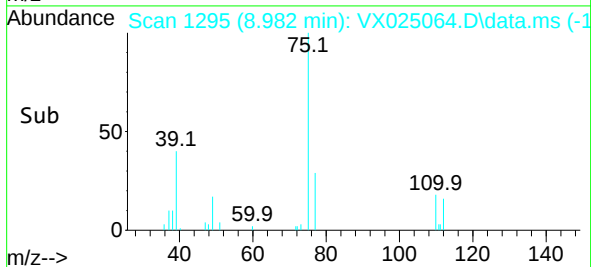
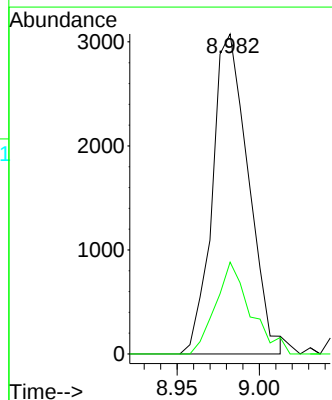
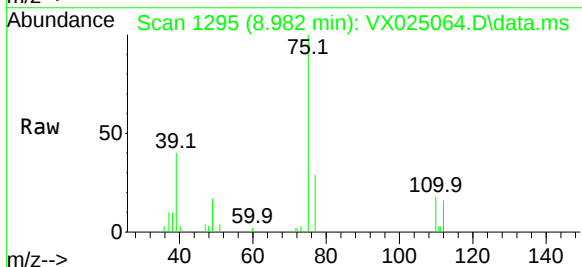
Acq: 03 Nov 2021 22:04

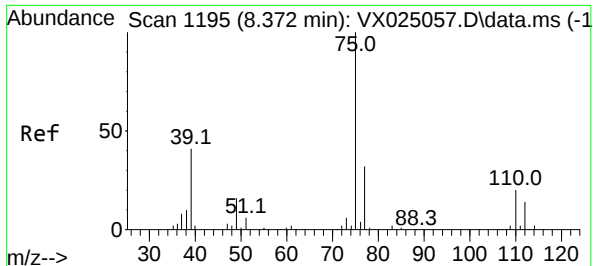
Tgt Ion: 75 Resp: 4693

Ion Ratio Lower Upper

75 100

77 28.7 25.8 38.8





#49

cis-1,3-Dichloropropene

Concen: 1.890 ug/l

RT: 8.379 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX025064.D

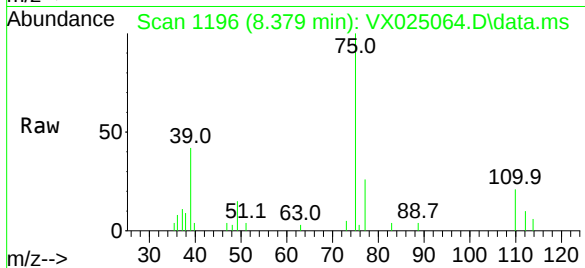
Acq: 03 Nov 2021 22:04

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2021



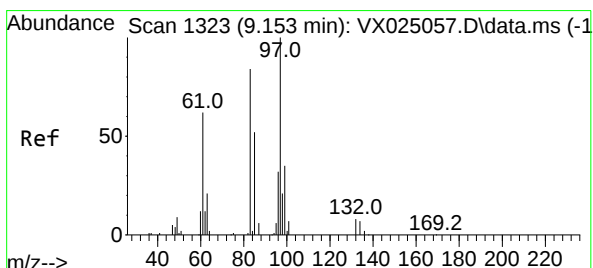
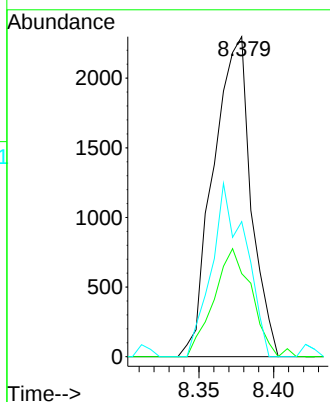
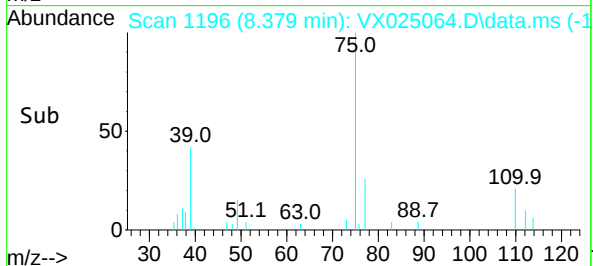
Tgt Ion:	75	Resp:	4020
Ion Ratio	Lower	Upper	
75	100		
77	25.9	23.6	35.4
39	42.2	44.0	66.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/04/2021

Supervised By :Mahesh Dadoda 11/10/2021



#50

1,1,2-Trichloroethane

Concen: 2.116 ug/l

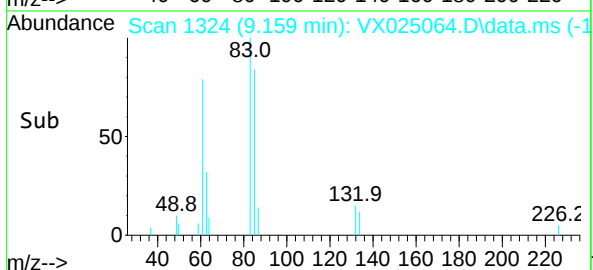
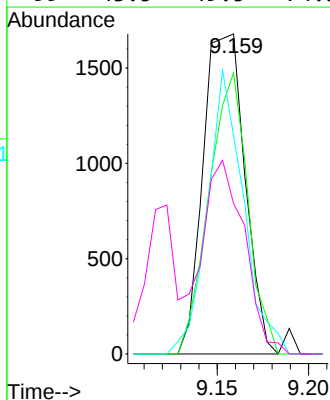
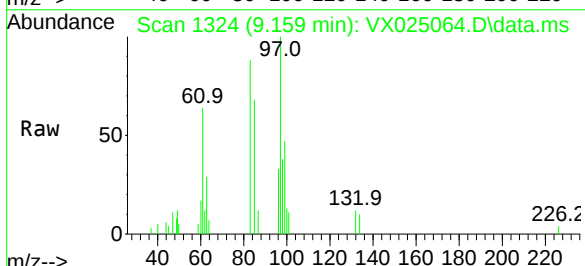
RT: 9.159 min Scan# 1324

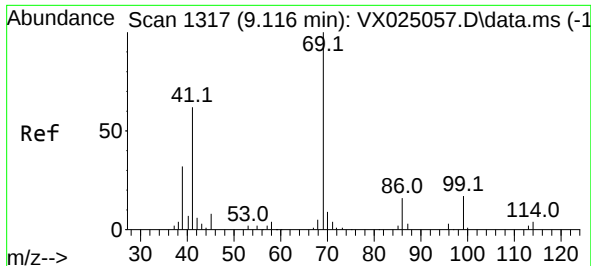
Delta R.T. 0.006 min

Lab File: VX025064.D

Acq: 03 Nov 2021 22:04

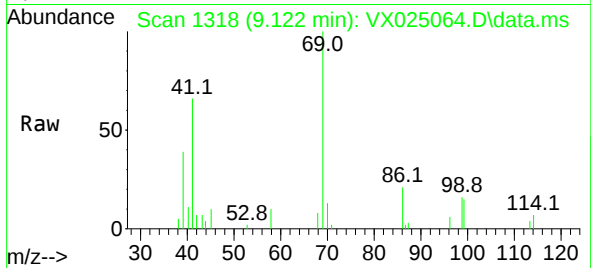
Tgt Ion:	97	Resp:	2673
Ion Ratio	Lower	Upper	
97	100		
83	87.8	64.2	96.4
85	64.3	42.4	63.6
99	43.5	49.5	74.3





#51
Ethyl methacrylate
Concen: 1.905 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VX025064.D
Acq: 03 Nov 2021 22:04

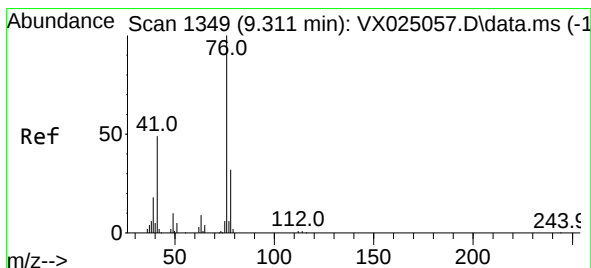
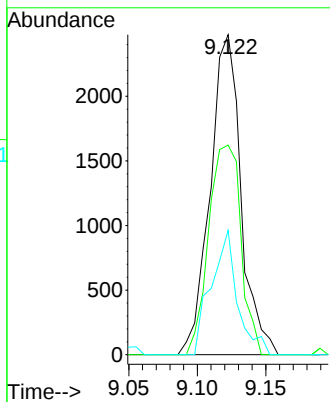
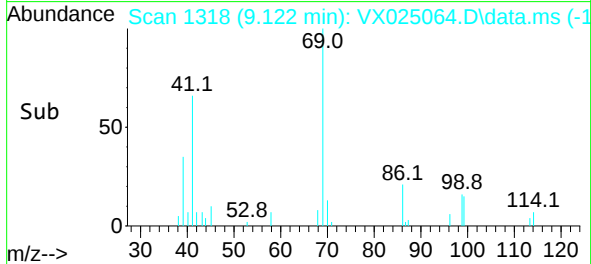
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



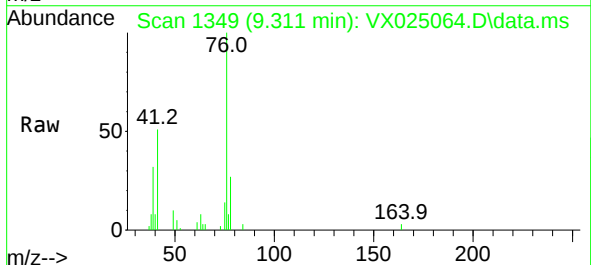
Tgt Ion: 69 Resp: 3878
Ion Ratio Lower Upper
69 100
41 65.5 35.8 107.3
39 38.8 20.3 60.8

Manual Integrations
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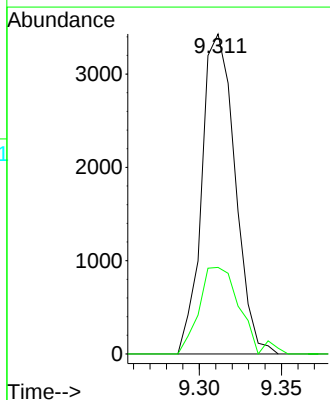
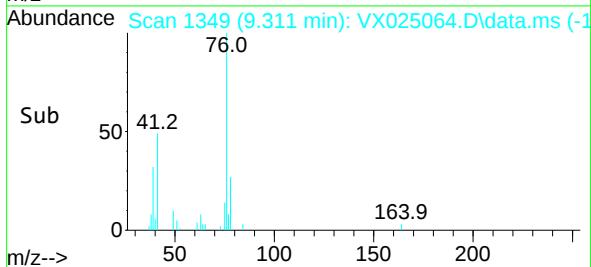
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021

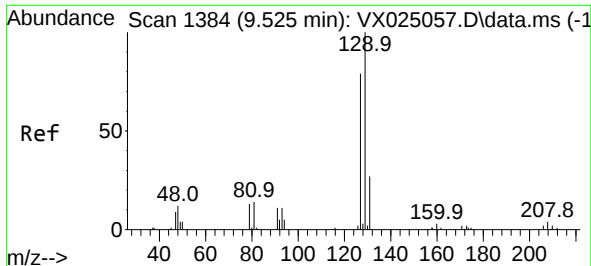


#52
1,3-Dichloropropane
Concen: 2.238 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VX025064.D
Acq: 03 Nov 2021 22:04



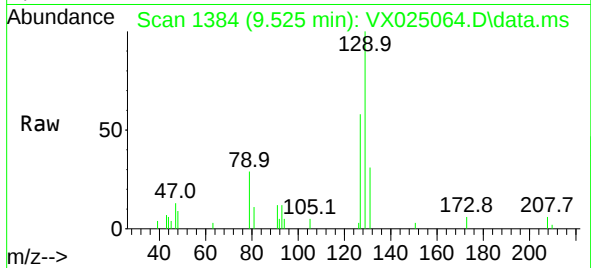
Tgt Ion: 76 Resp: 4831
Ion Ratio Lower Upper
76 100
78 31.7 0.0 64.0





#53
Dibromochloromethane
Concen: 1.818 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VX025064.D
Acq: 03 Nov 2021 22:04

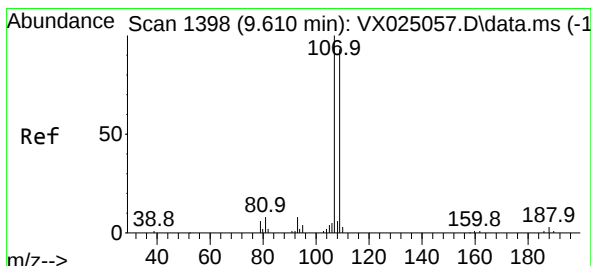
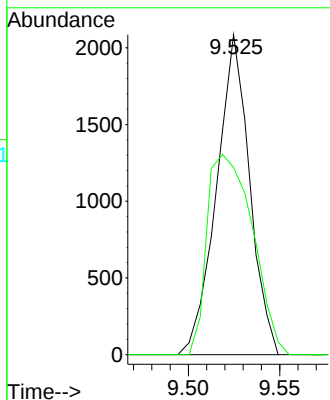
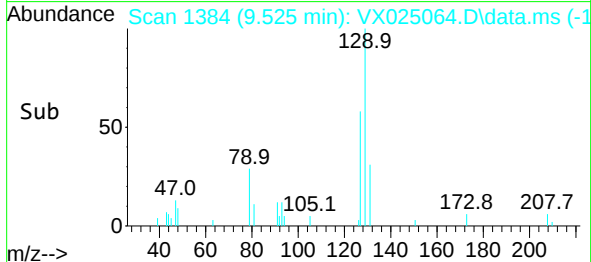
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



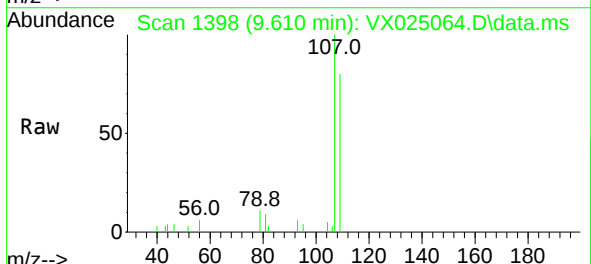
Tgt Ion:129 Resp: 262
Ion Ratio Lower Upper
129 100
127 86.3 39.3 117.9

Manual Integrations
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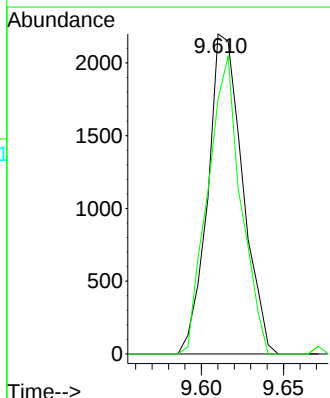
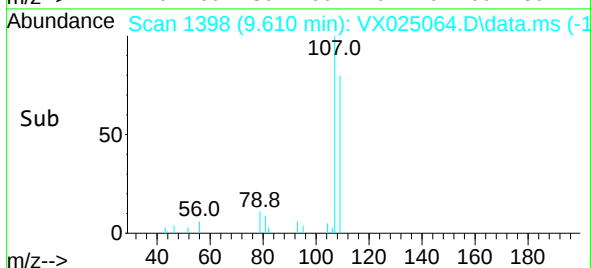
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021

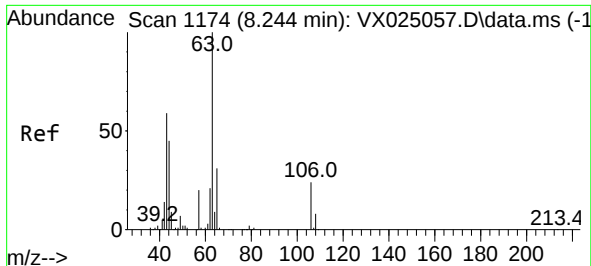


#54
1,2-Dibromoethane
Concen: 2.294 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX025064.D
Acq: 03 Nov 2021 22:04



Tgt Ion:107 Resp: 3237
Ion Ratio Lower Upper
107 100
109 88.0 75.3 112.9





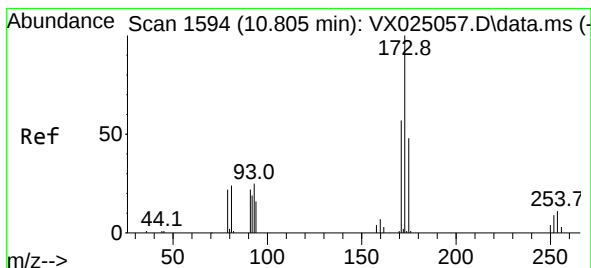
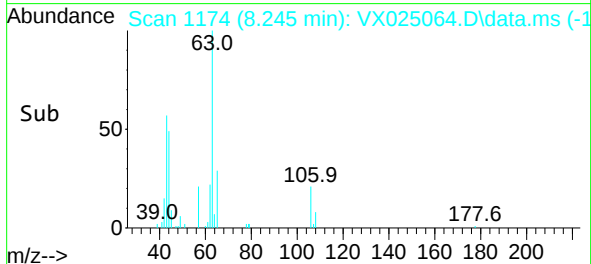
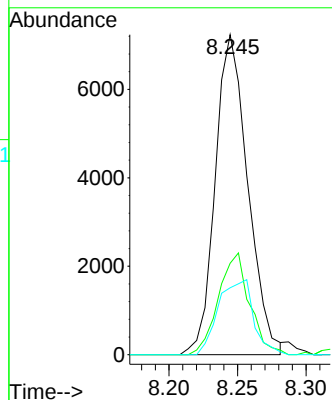
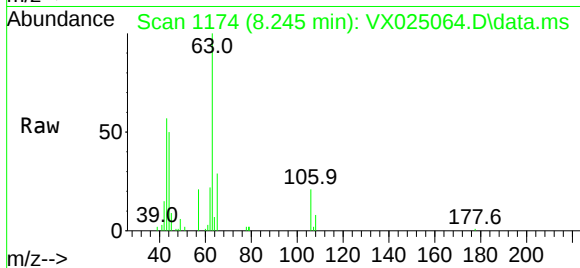
#55
2-Chloroethyl vinyl ether
Concen: 13.211 ug/l
RT: 8.245 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX025064.D
Acq: 03 Nov 2021 22:04

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021

Tgt Ion: 63 Resp: 11970
Ion Ratio Lower Upper
63 100
65 30.5 25.8 38.6
106 25.2 21.8 32.8

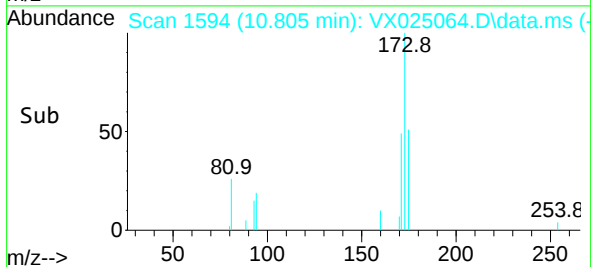
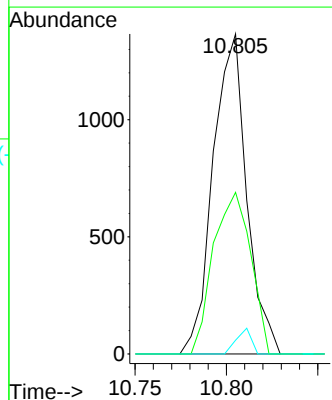
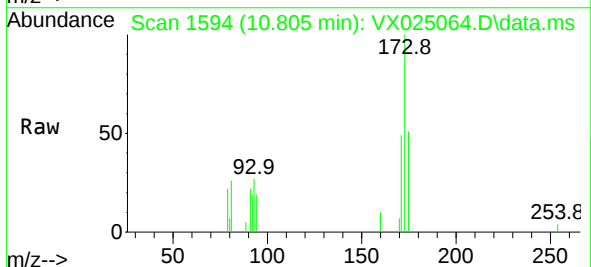
Manual Integrations
APPROVED

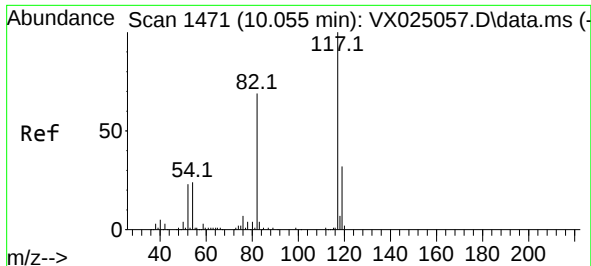
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#56
Bromoform
Concen: 1.822 ug/l
RT: 10.805 min Scan# 1594
Delta R.T. 0.000 min
Lab File: VX025064.D
Acq: 03 Nov 2021 22:04

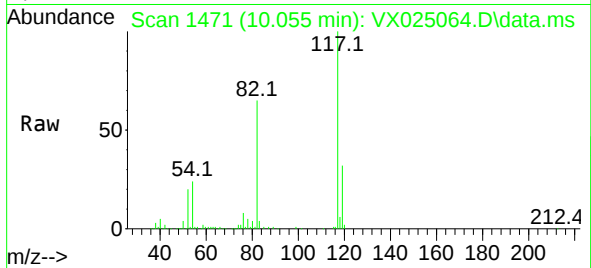
Tgt Ion:173 Resp: 1745
Ion Ratio Lower Upper
173 100
175 56.3 38.4 57.6
254 3.6 7.3 10.9#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX025064.D
Acq: 03 Nov 2021 22:04

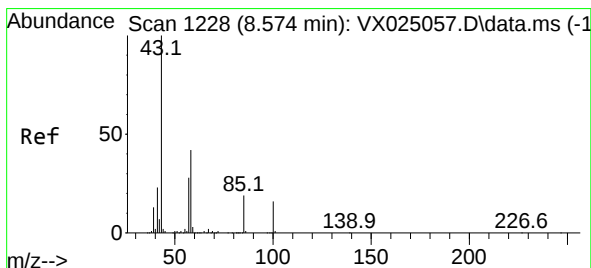
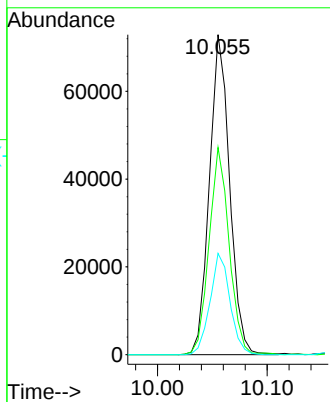
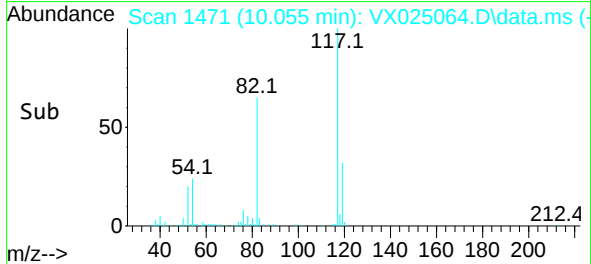
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



Tgt Ion: 117 Resp: 9349
Ion Ratio Lower Upper
117 100
82 64.1 45.0 67.4
119 31.3 26.2 39.2

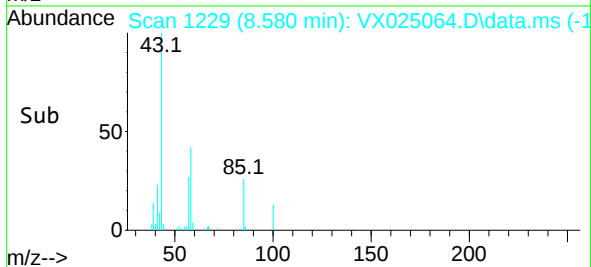
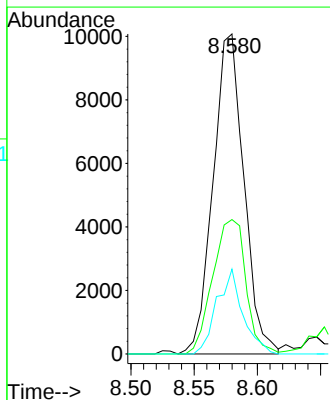
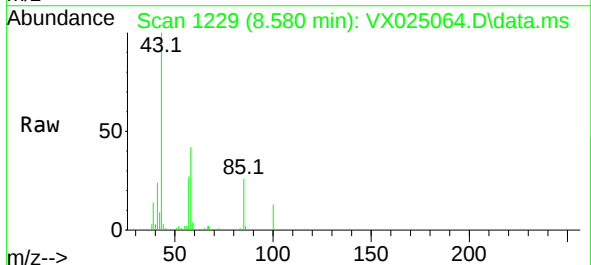
Manual Integrations
APPROVED

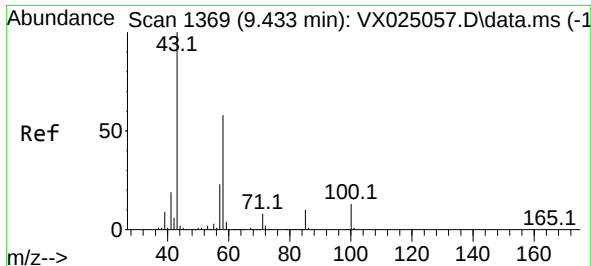
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#58
4-Methyl-2-Pentanone
Concen: 10.807 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX025064.D
Acq: 03 Nov 2021 22:04

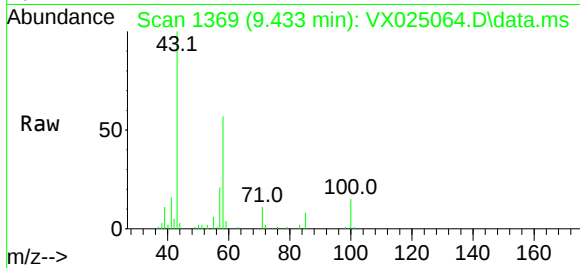
Tgt Ion: 43 Resp: 17033
Ion Ratio Lower Upper
43 100
58 45.3 30.5 45.7
85 22.4 14.0 21.0#





#59
2-Hexanone
Concen: 11.043 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX025064.D
Acq: 03 Nov 2021 22:04

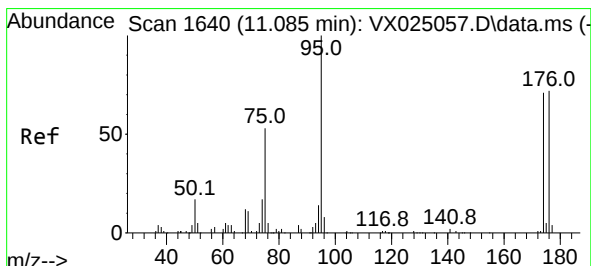
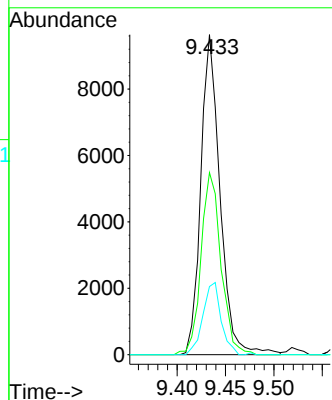
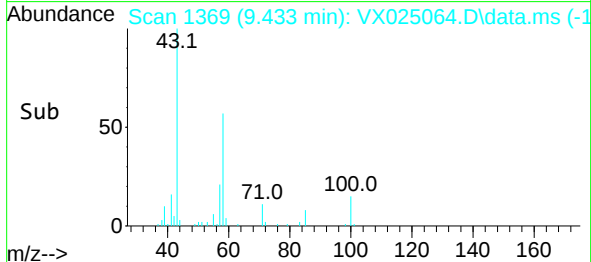
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2021



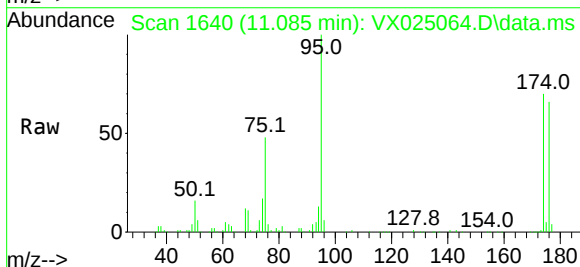
Tgt Ion: 43 Resp: 1337
Ion Ratio Lower Upper
43 100
58 59.0 42.1 63.1
57 21.3 14.9 22.3

Manual Integrations
APPROVED

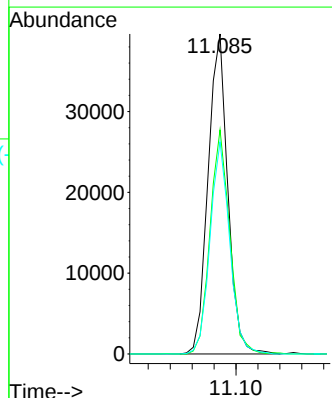
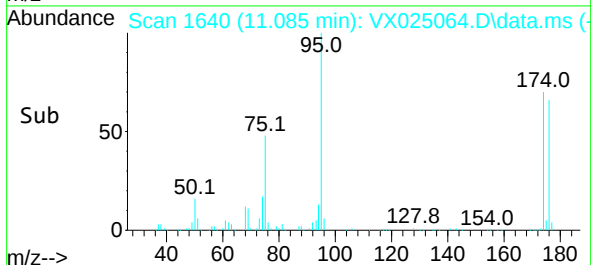
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021

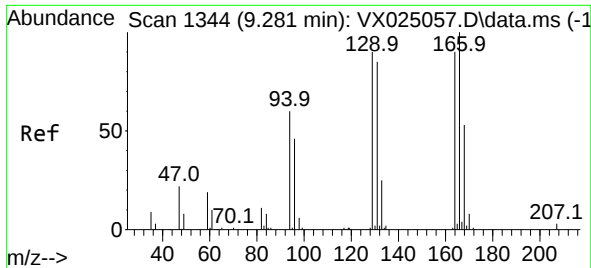


#60
4-Bromofluorobenzene
Concen: 28.942 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX025064.D
Acq: 03 Nov 2021 22:04



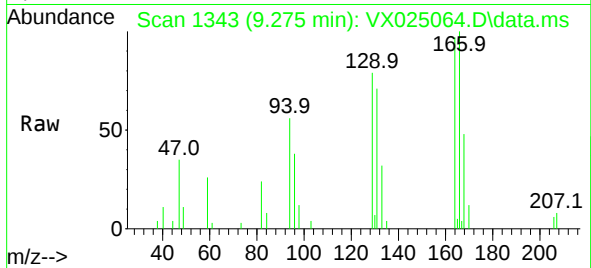
Tgt Ion: 95 Resp: 49370
Ion Ratio Lower Upper
95 100
174 70.0 63.5 95.3
176 66.0 63.0 94.4





#61
Tetrachloroethene
Concen: 2.538 ug/l
RT: 9.275 min Scan# 1344
Delta R.T. -0.006 min
Lab File: VX025064.D
Acq: 03 Nov 2021 22:04

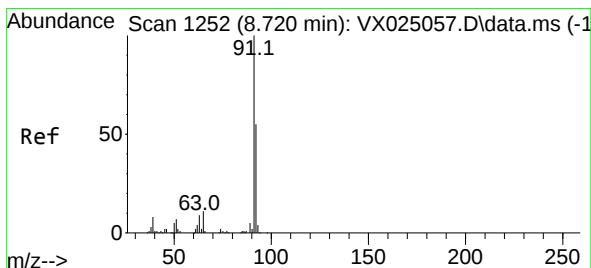
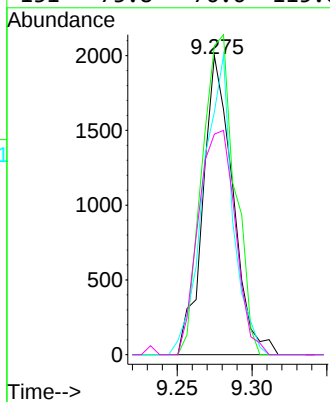
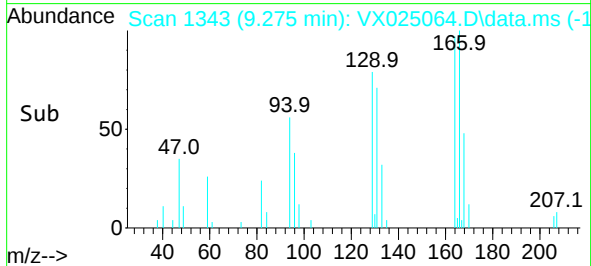
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2021



Tgt Ion:164 Resp: 2780
Ion Ratio Lower Upper
164 100
166 103.3 98.6 147.8
129 81.1 79.7 119.5
131 73.8 76.6 115.0#

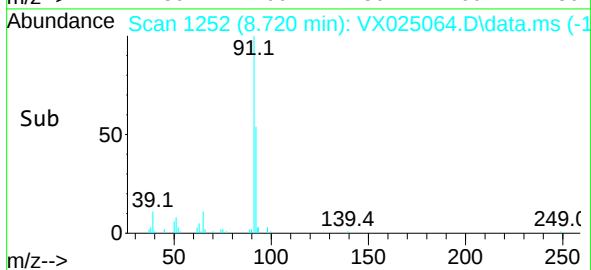
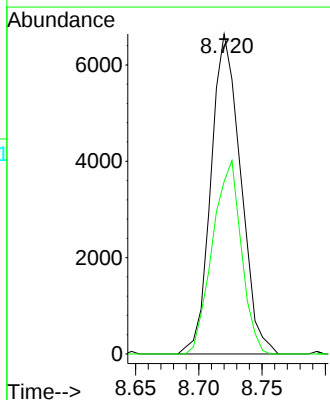
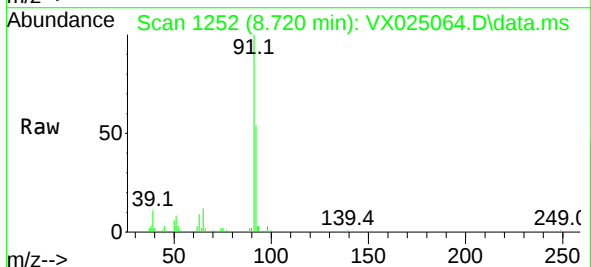
Manual Integrations
APPROVED

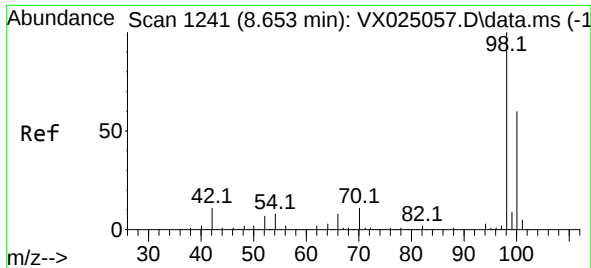
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#62
Toluene
Concen: 2.266 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX025064.D
Acq: 03 Nov 2021 22:04

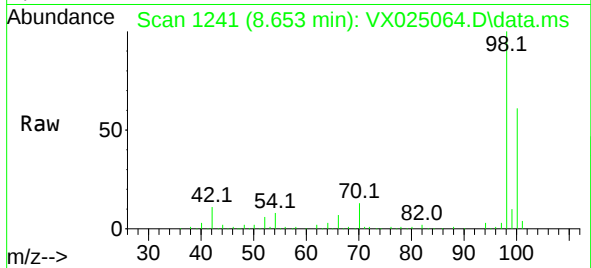
Tgt Ion: 91 Resp: 10837
Ion Ratio Lower Upper
91 100
92 58.7 46.5 69.7





#63
Toluene-d8
Concen: 30.845 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX025064.D
Acq: 03 Nov 2021 22:04

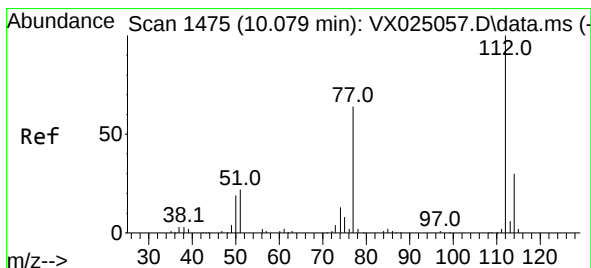
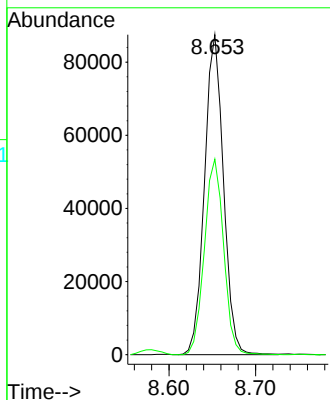
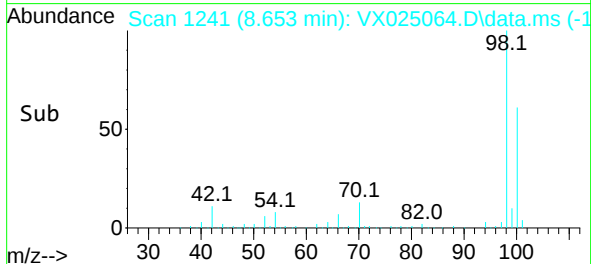
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



Tgt Ion: 98 Resp: 13319
Ion Ratio Lower Upper
98 100
100 62.0 51.4 77.0

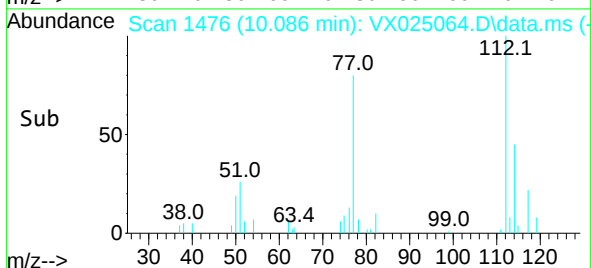
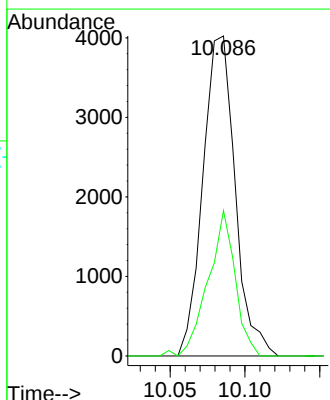
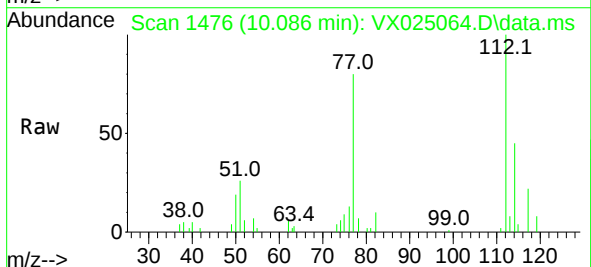
Manual Integrations
APPROVED

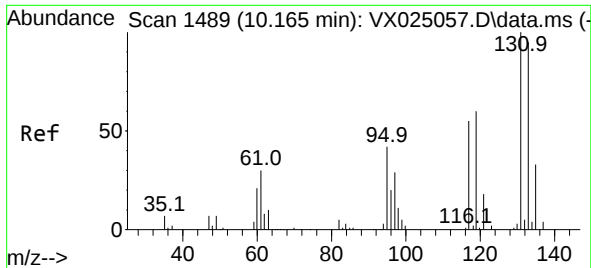
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#64
Chlorobenzene
Concen: 2.085 ug/l
RT: 10.086 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VX025064.D
Acq: 03 Nov 2021 22:04

Tgt Ion:112 Resp: 6022
Ion Ratio Lower Upper
112 100
114 45.4 26.0 39.0#





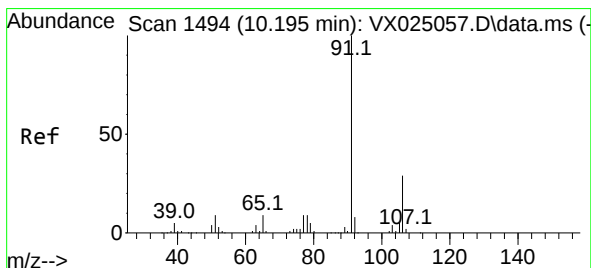
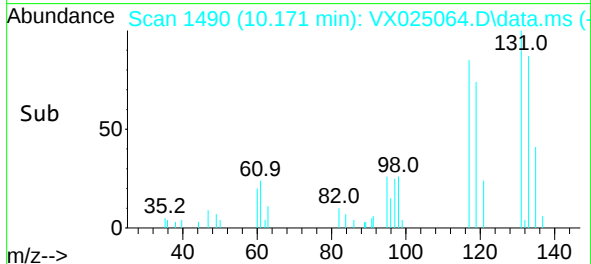
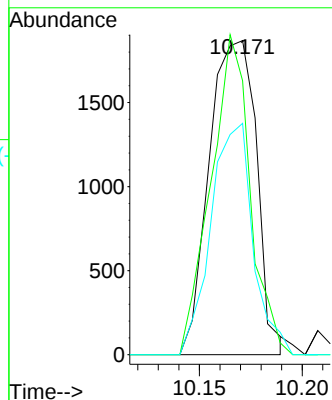
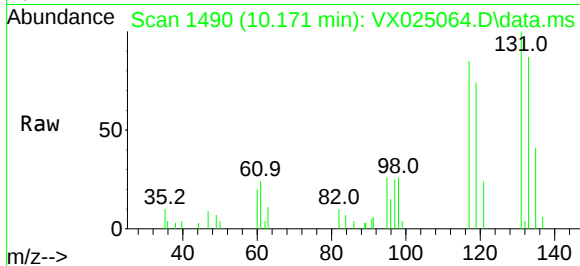
#65
1,1,1,2-Tetrachloroethane
Concen: 2.317 ug/l
RT: 10.171 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX025064.D
Acq: 03 Nov 2021 22:04

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2021

Tgt Ion:131 Resp: 2990
Ion Ratio Lower Upper
131 100
133 84.6 0.0 191.2
119 65.5 0.0 133.2

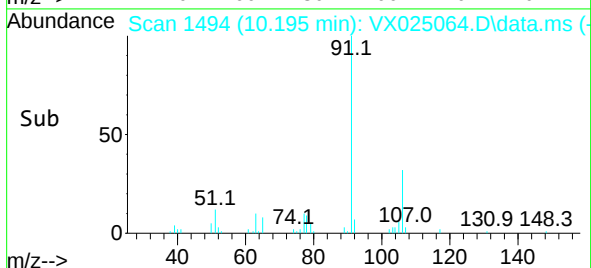
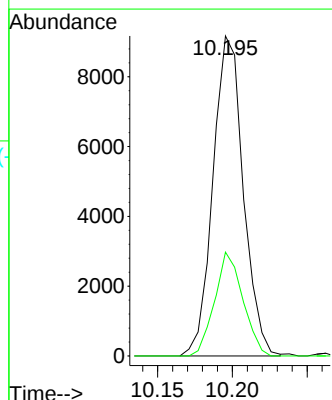
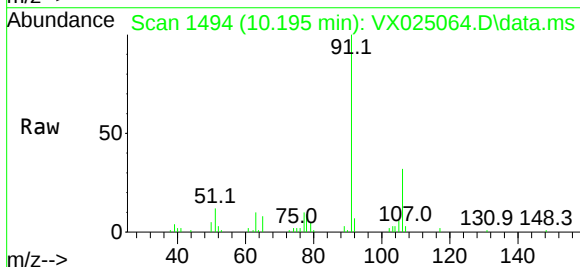
Manual Integrations
APPROVED

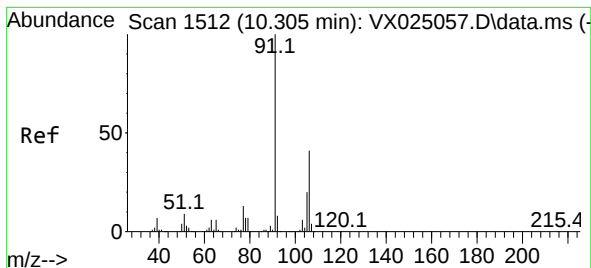
Reviewed By :John Carbone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#66
Ethyl Benzene
Concen: 2.285 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX025064.D
Acq: 03 Nov 2021 22:04

Tgt Ion: 91 Resp: 12922
Ion Ratio Lower Upper
91 100
106 32.5 24.7 37.1





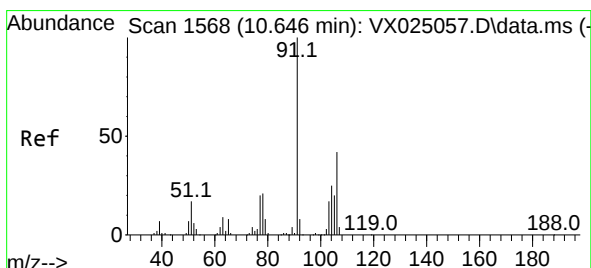
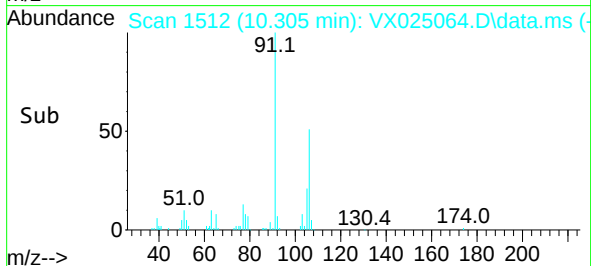
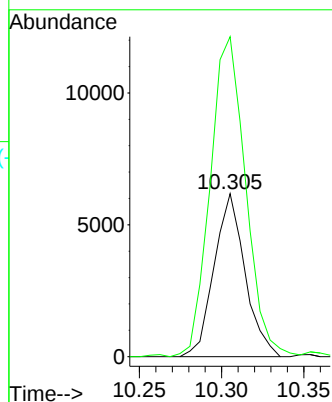
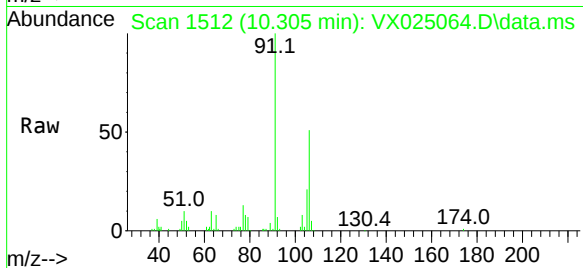
#67
m/p-Xylenes
Concen: 4.149 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX025064.D
Acq: 03 Nov 2021 22:04

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021

Tgt Ion:106 Resp: 8064
Ion Ratio Lower Upper
106 100
91 225.1 162.4 243.6

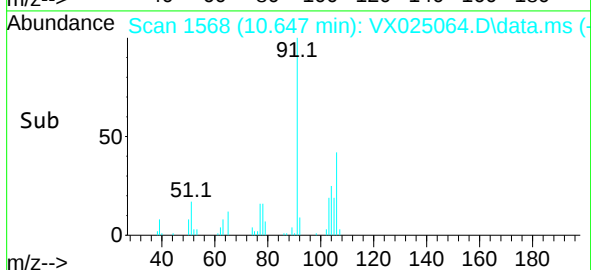
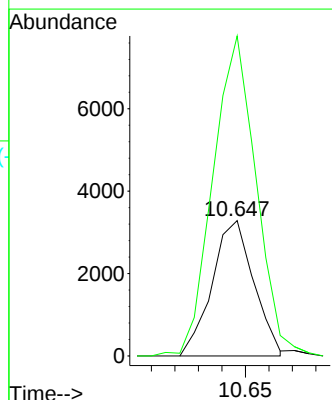
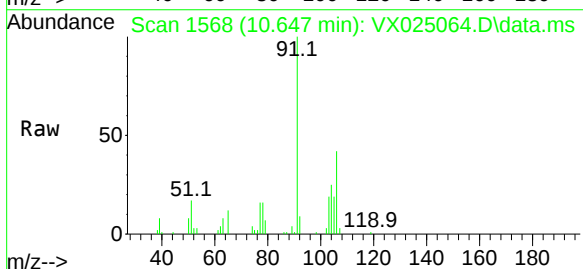
Manual Integrations
APPROVED

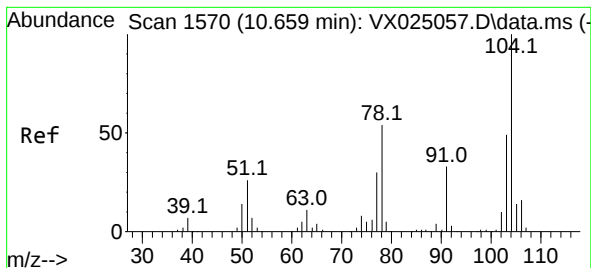
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#68
o-Xylene
Concen: 2.140 ug/l
RT: 10.647 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX025064.D
Acq: 03 Nov 2021 22:04

Tgt Ion:106 Resp: 4064
Ion Ratio Lower Upper
106 100
91 242.8 107.3 321.8





#69

Styrene

Concen: 2.037 ug/l

RT: 10.659 min Scan# 1570

Delta R.T. 0.000 min

Lab File: VX025064.D

Acq: 03 Nov 2021 22:04

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2021

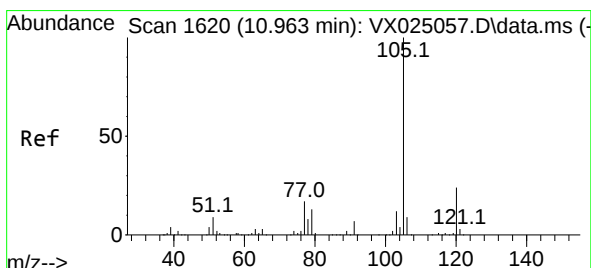
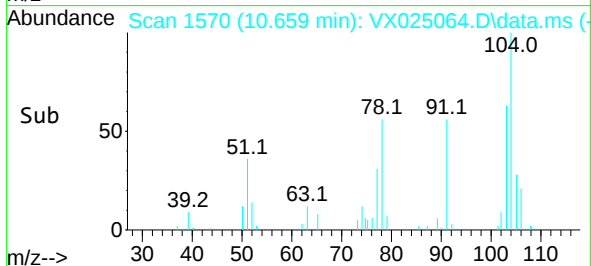
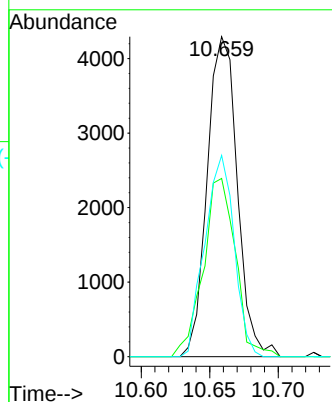
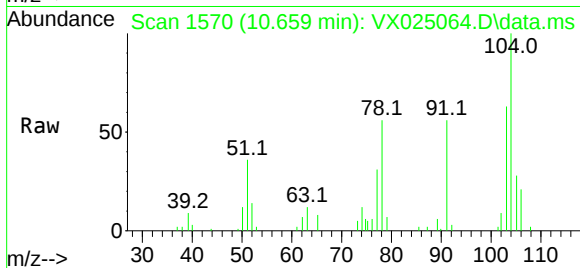
Tgt Ion:104 Resp: 6569
 Ion Ratio Lower Upper
 104 100
 78 58.7 41.4 62.0
 103 61.5 44.2 66.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/04/2021

Supervised By :Mahesh Dadoda 11/10/2021



#70

Isopropylbenzene

Concen: 2.087 ug/l

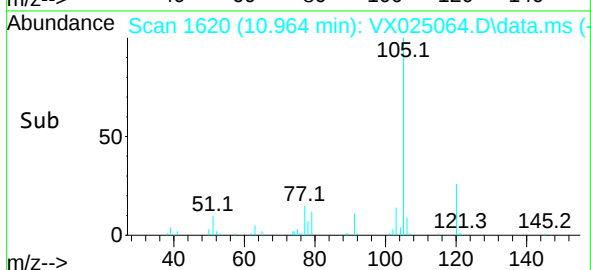
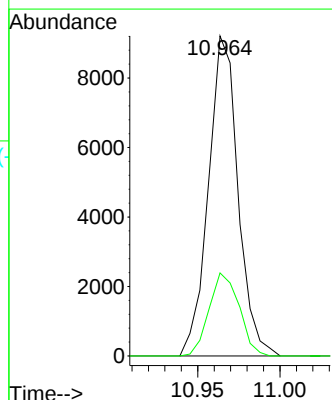
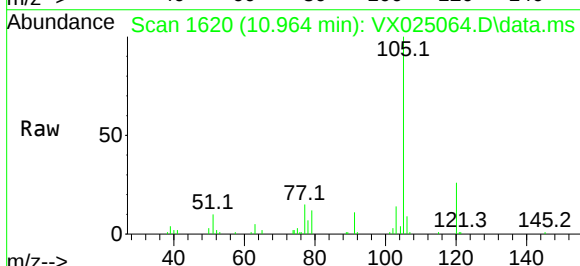
RT: 10.964 min Scan# 1620

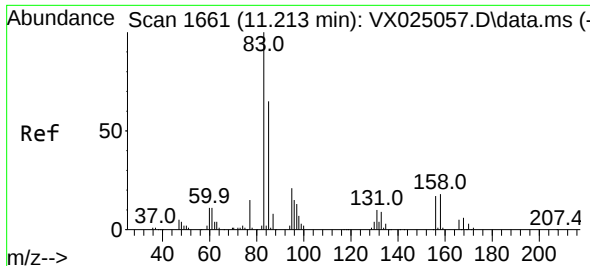
Delta R.T. 0.000 min

Lab File: VX025064.D

Acq: 03 Nov 2021 22:04

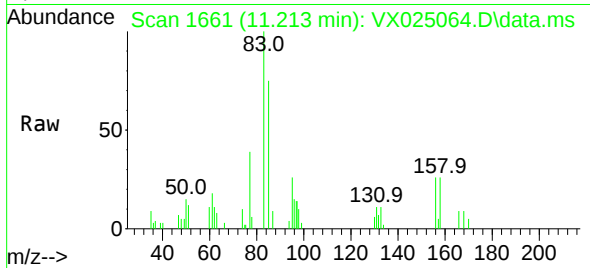
Tgt Ion:105 Resp: 11512
 Ion Ratio Lower Upper
 105 100
 120 26.4 18.7 34.7





#71
1,1,2,2-Tetrachloroethane
Concen: 2.073 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX025064.D
Acq: 03 Nov 2021 22:04

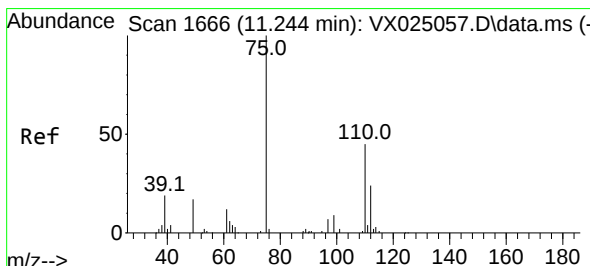
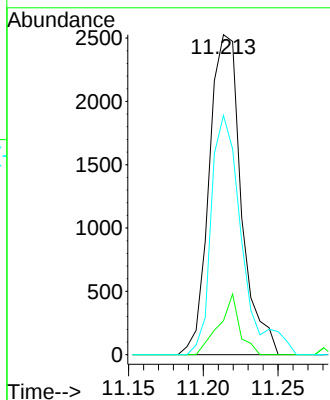
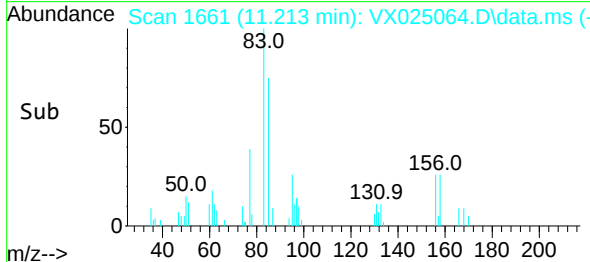
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2021



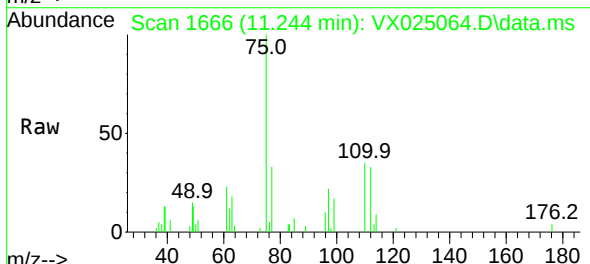
Tgt Ion: 83 Resp: 3770
Ion Ratio Lower Upper
83 100
131 12.1 5.1 15.4
85 66.6 32.4 97.2

Manual Integrations
APPROVED

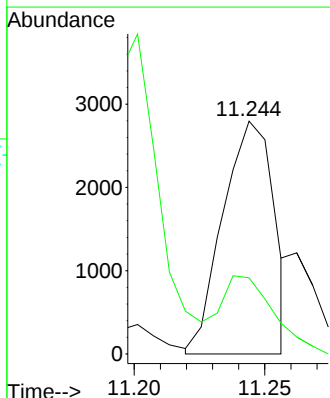
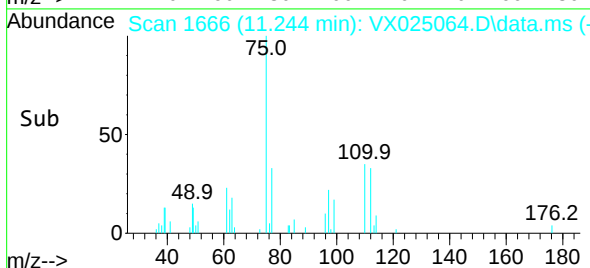
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021

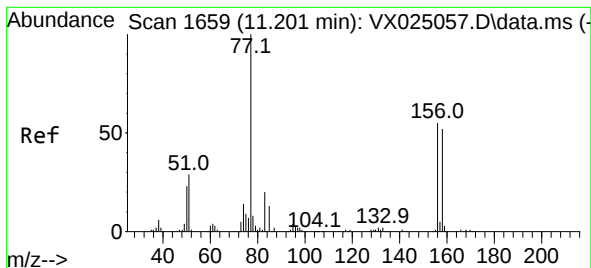


#72
1,2,3-Trichloropropane
Concen: 2.169 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VX025064.D
Acq: 03 Nov 2021 22:04



Tgt Ion: 75 Resp: 3826
Ion Ratio Lower Upper
75 100
77 35.1 0.0 77.4





#73

Bromobenzene

Concen: 1.983 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX025064.D

Acq: 03 Nov 2021 22:04

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2021

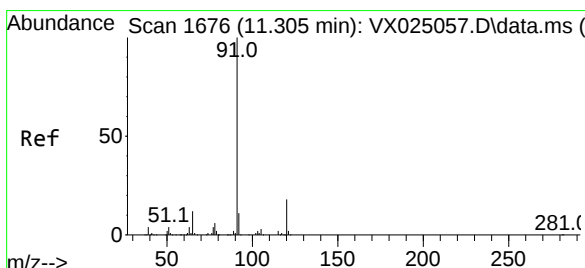
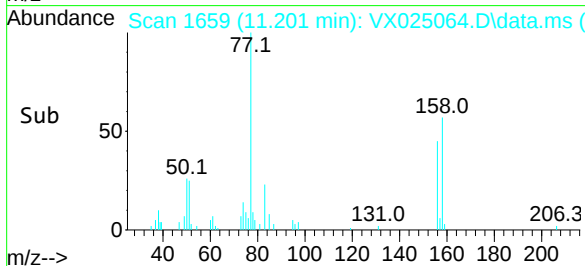
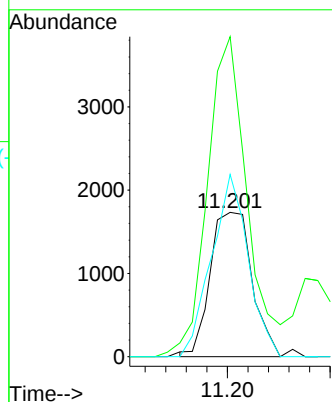
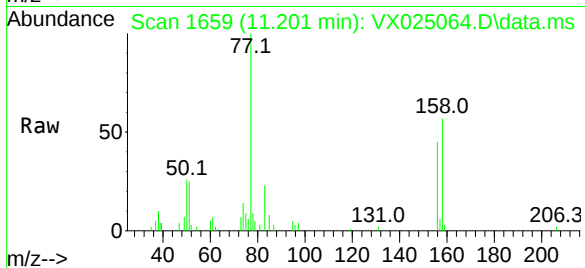
Tgt Ion:	156	Resp:	244
Ion Ratio	Lower	Upper	
156	100		
77	209.7	0.0	303.2
158	110.8	0.0	197.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/04/2021

Supervised By :Mahesh Dadoda 11/10/2021



#74

n-propylbenzene

Concen: 1.999 ug/l

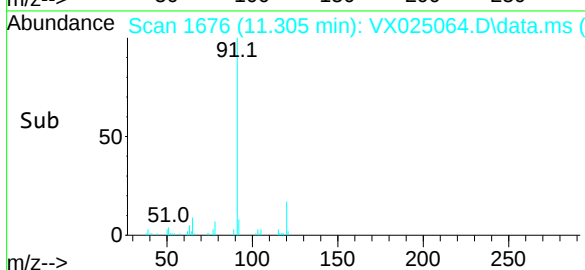
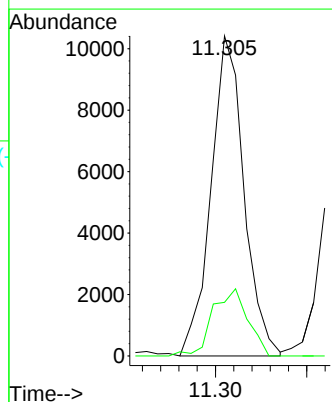
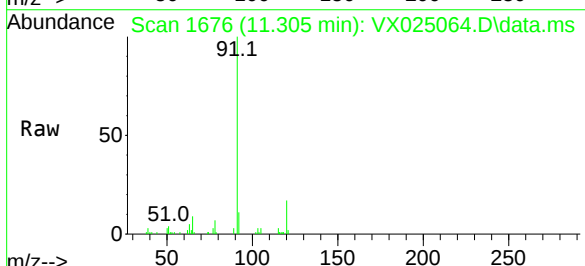
RT: 11.305 min Scan# 1676

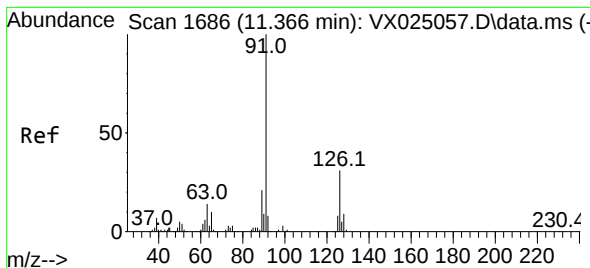
Delta R.T. 0.000 min

Lab File: VX025064.D

Acq: 03 Nov 2021 22:04

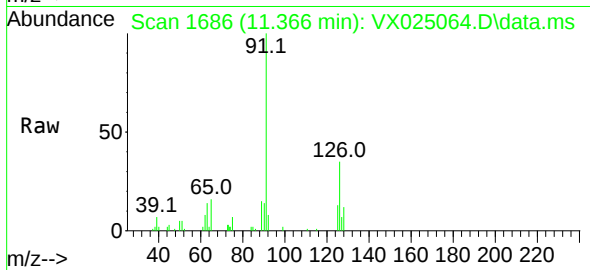
Tgt Ion:	91	Resp:	13077
Ion Ratio	Lower	Upper	
91	100		
120	21.8	0.0	46.0





#75
2-Chlorotoluene
Concen: 2.073 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX025064.D
Acq: 03 Nov 2021 22:04

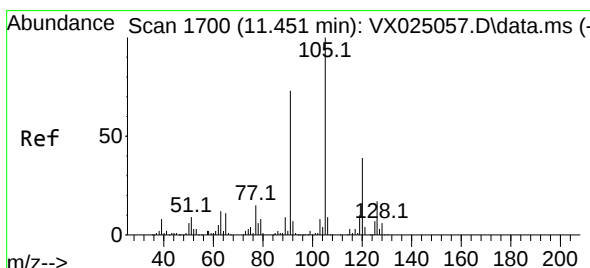
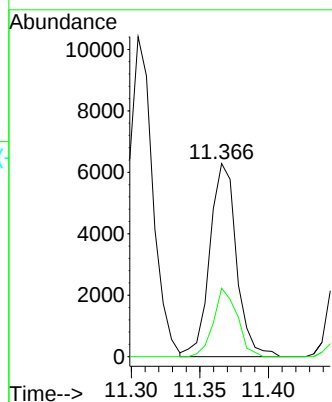
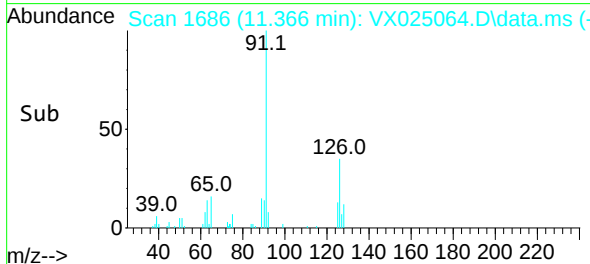
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



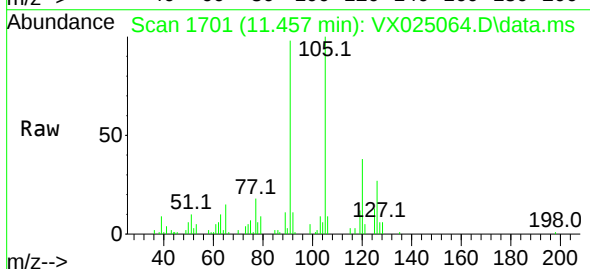
Tgt Ion: 91 Resp: 8498
Ion Ratio Lower Upper
91 100
126 31.6 0.0 69.0

Manual Integrations
APPROVED

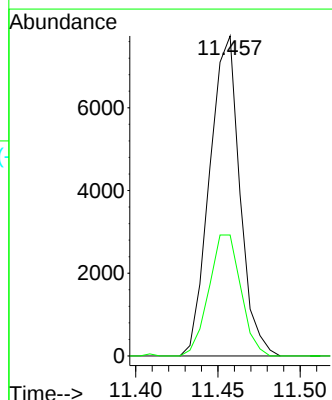
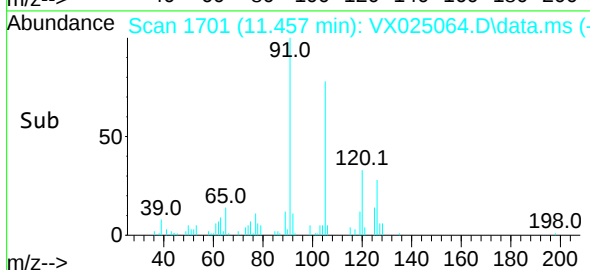
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021

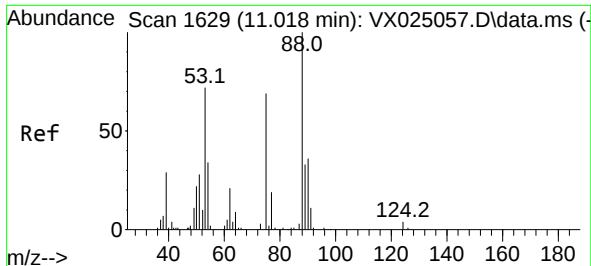


#76
1,3,5-Trimethylbenzene
Concen: 2.058 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX025064.D
Acq: 03 Nov 2021 22:04



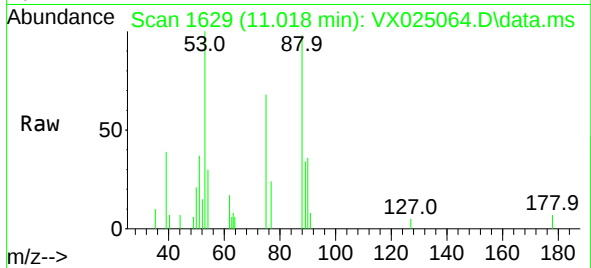
Tgt Ion:105 Resp: 9901
Ion Ratio Lower Upper
105 100
120 40.0 0.0 98.0





#77
t-1,4-Dichloro-2-butene
Concen: 1.654 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX025064.D
Acq: 03 Nov 2021 22:04

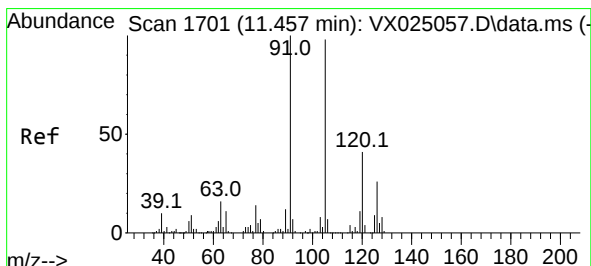
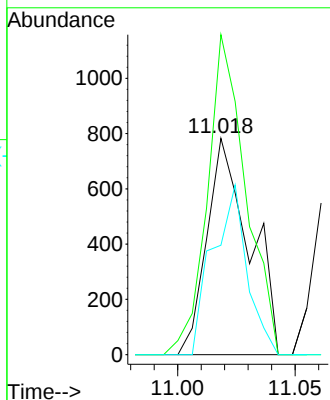
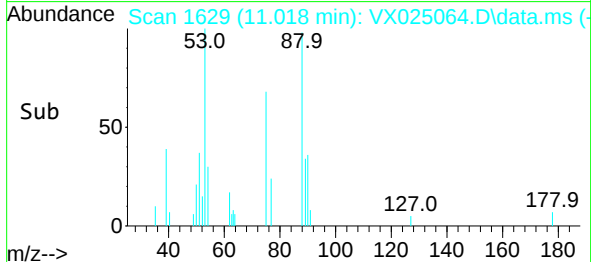
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2021



Tgt Ion: 75 Resp: 98
Ion Ratio Lower Upper
75 100
53 147.9 53.9 161.7
89 50.6 22.9 68.7

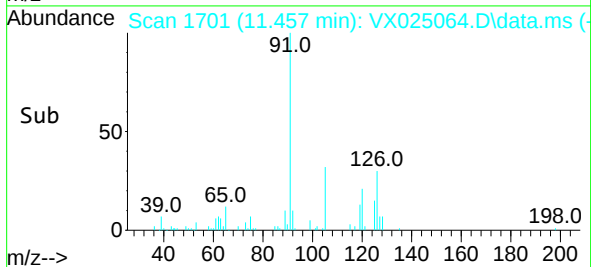
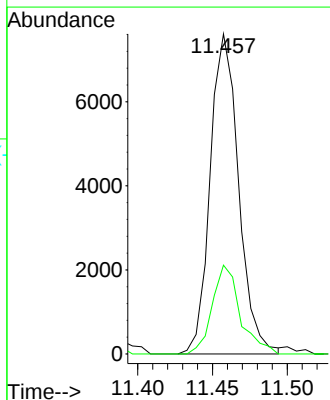
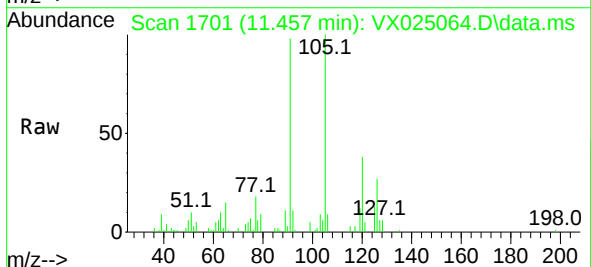
Manual Integrations
APPROVED

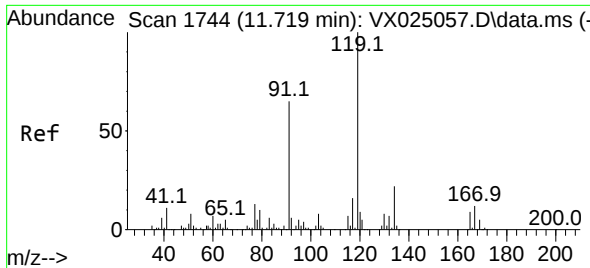
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#78
4-Chlorotoluene
Concen: 2.153 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX025064.D
Acq: 03 Nov 2021 22:04

Tgt Ion: 91 Resp: 10076
Ion Ratio Lower Upper
91 100
126 27.2 0.0 59.6





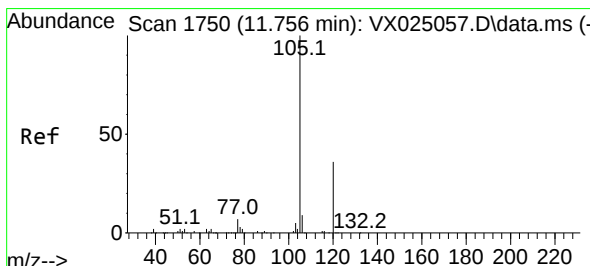
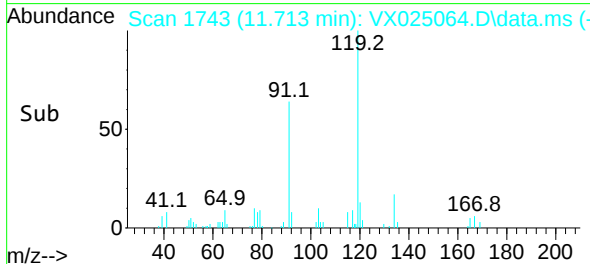
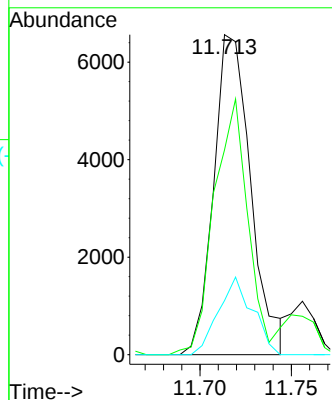
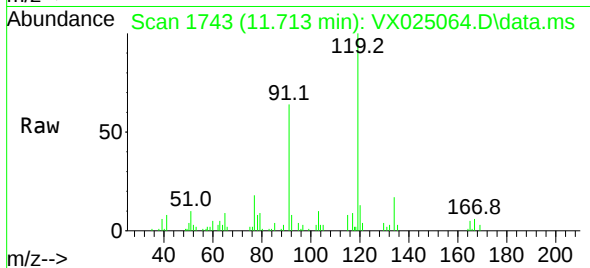
#79
tert-butylbenzene
Concen: 2.048 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.006 min
Lab File: VX025064.D
Acq: 03 Nov 2021 22:04

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2021

Tgt Ion:119 Resp: 9285
Ion Ratio Lower Upper
119 100
91 72.2 0.0 121.2
134 22.2 0.0 47.4

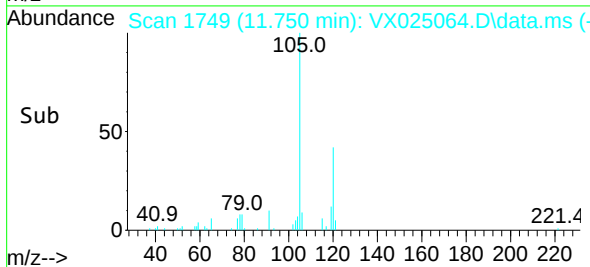
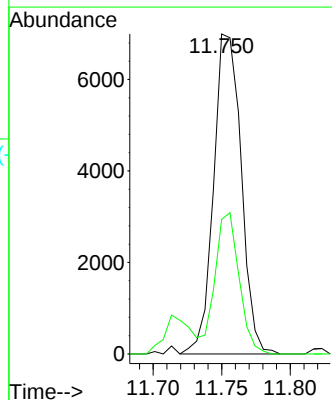
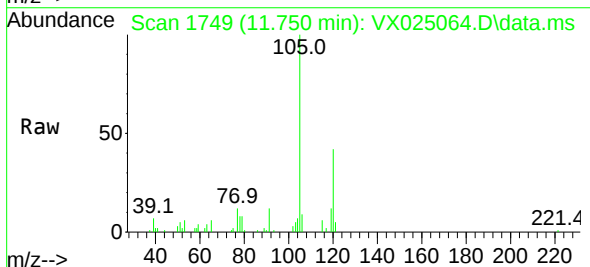
Manual Integrations
APPROVED

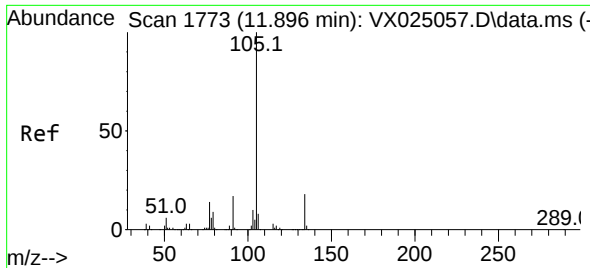
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#80
1,2,4-Trimethylbenzene
Concen: 2.068 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VX025064.D
Acq: 03 Nov 2021 22:04

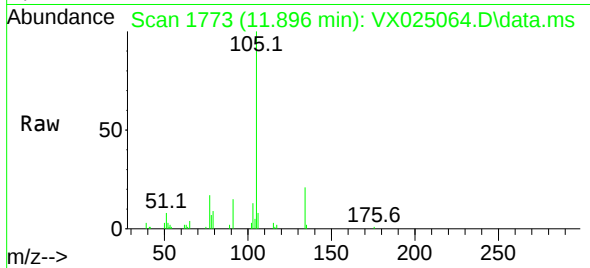
Tgt Ion:105 Resp: 9785
Ion Ratio Lower Upper
105 100
120 39.0 0.0 90.4





#81
 sec-Butylbenzene
 Concen: 2.012 ug/l
 RT: 11.896 min Scan# 1773
 Delta R.T. 0.000 min
 Lab File: VX025064.D
 Acq: 03 Nov 2021 22:04

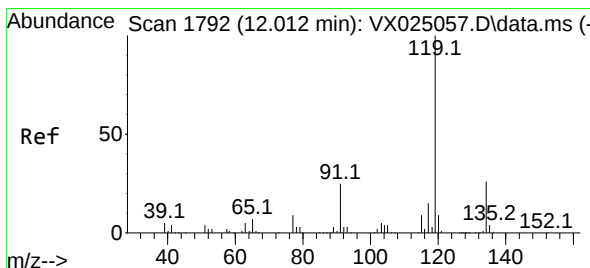
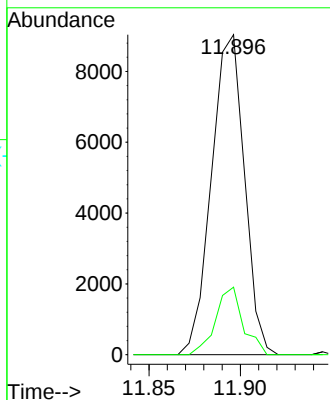
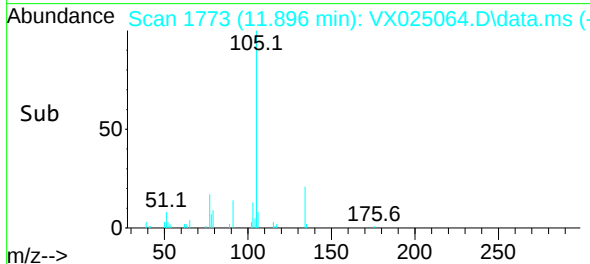
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2021



Tgt Ion:105 Resp: 11350
 Ion Ratio Lower Upper
 105 100
 134 17.6 0.0 40.2

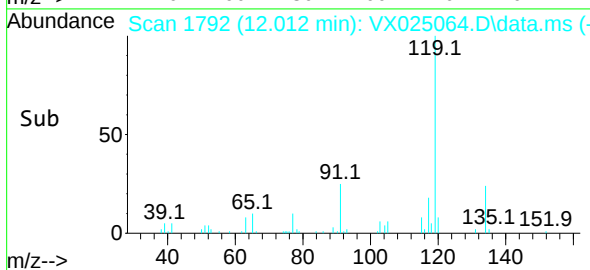
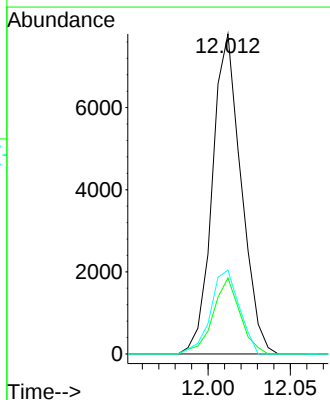
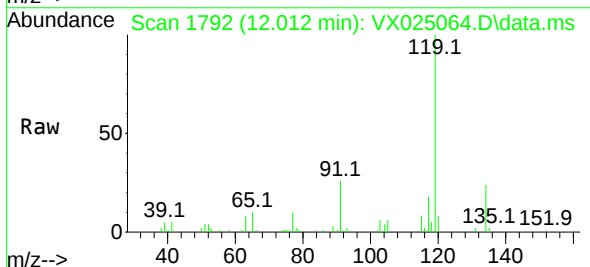
Manual Integrations
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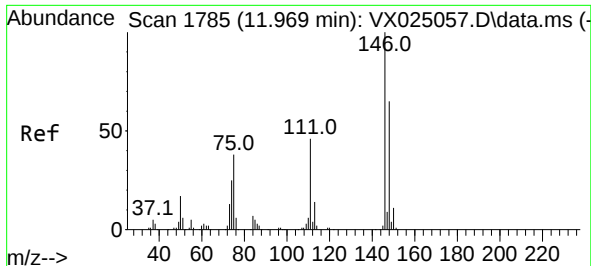
Reviewed By :John Carlone 11/04/2021
 Supervised By :Mahesh Dadoda 11/10/2021



#82
 p-Isopropyltoluene
 Concen: 2.027 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX025064.D
 Acq: 03 Nov 2021 22:04

Tgt Ion:119 Resp: 9482
 Ion Ratio Lower Upper
 119 100
 134 22.4 0.0 52.8
 91 26.2 0.0 48.6





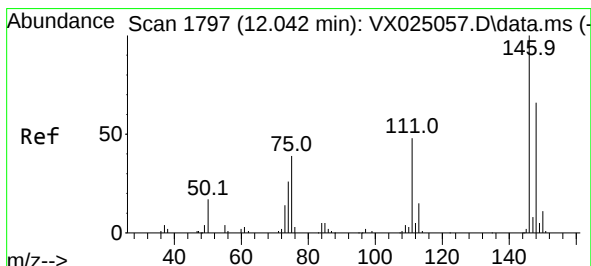
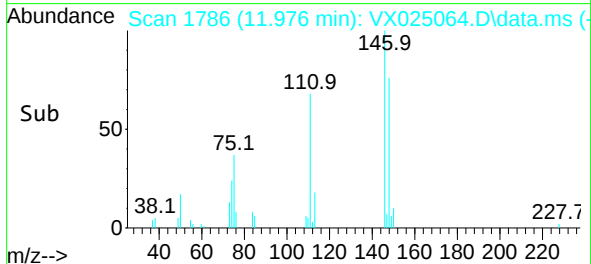
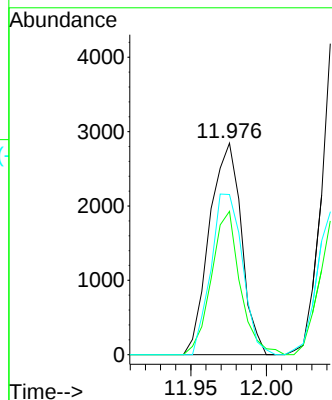
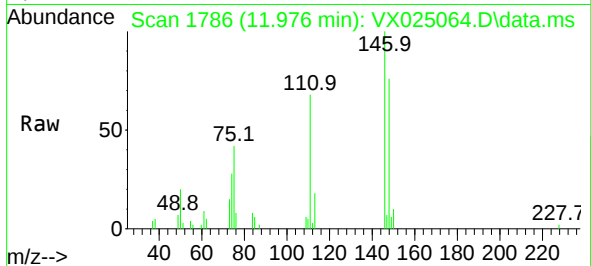
#83
1,3-Dichlorobenzene
Concen: 1.822 ug/l m
RT: 11.976 min Scan# 1785
Delta R.T. 0.006 min
Lab File: VX025064.D
Acq: 03 Nov 2021 22:04

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021

Tgt Ion:146 Resp: 4170
Ion Ratio Lower Upper
146 100
111 49.5 20.1 60.2
148 70.2 31.9 95.5

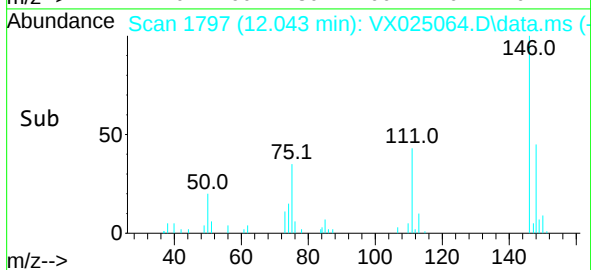
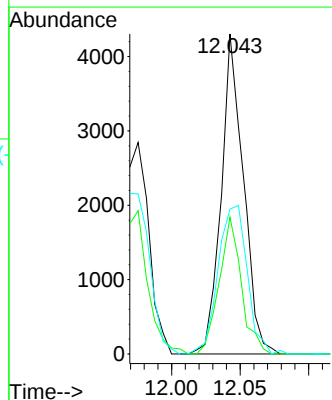
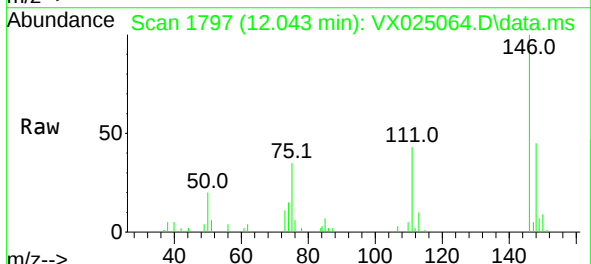
Manual Integrations
APPROVED

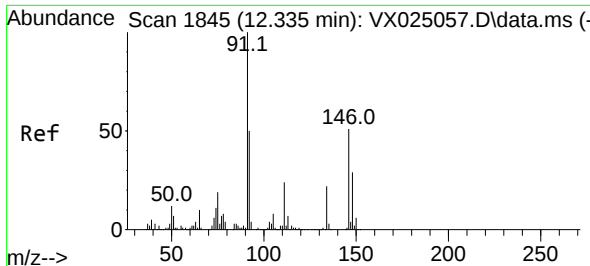
Reviewed By :John Carbone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#84
1,4-Dichlorobenzene
Concen: 2.125 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX025064.D
Acq: 03 Nov 2021 22:04

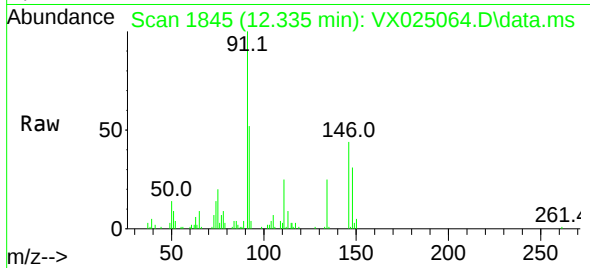
Tgt Ion:146 Resp: 4852
Ion Ratio Lower Upper
146 100
111 42.6 18.9 56.9
148 60.4 31.4 94.2





#85
n-Butylbenzene
Concen: 1.903 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX025064.D
Acq: 03 Nov 2021 22:04

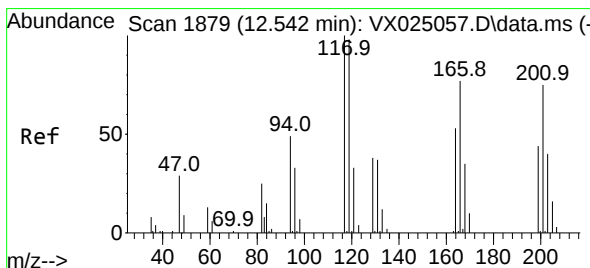
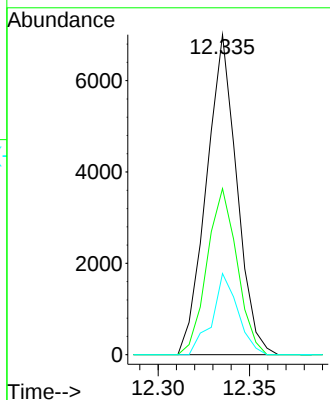
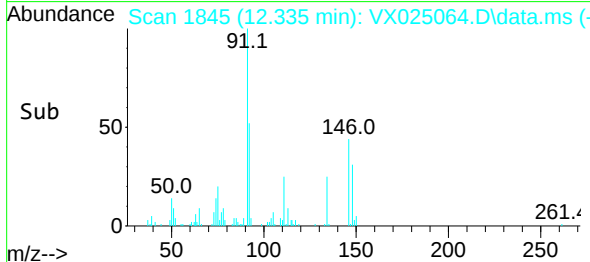
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2021



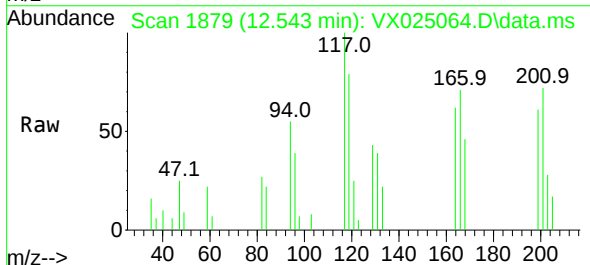
Tgt Ion: 91 Resp: 8120
Ion Ratio Lower Upper
91 100
92 51.3 0.0 105.4
134 21.4 0.0 52.4

Manual Integrations
APPROVED

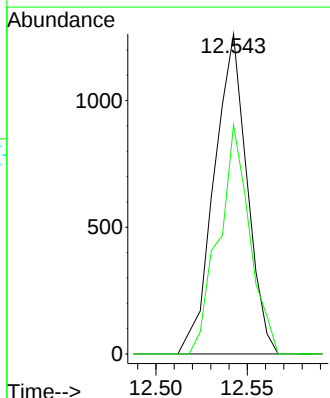
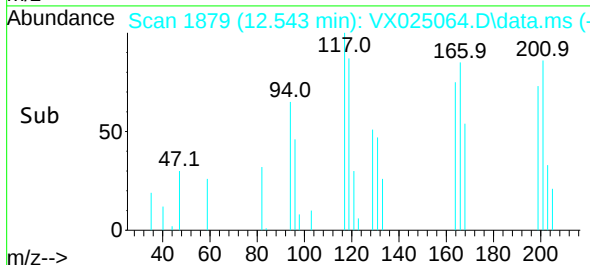
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021

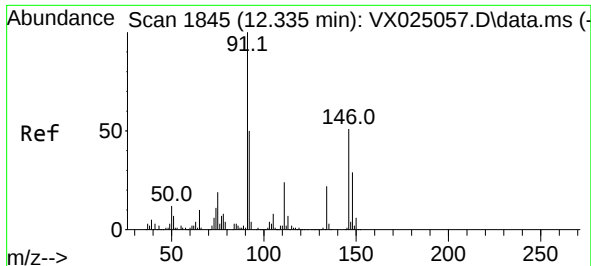


#86
Hexachloroethane
Concen: 1.892 ug/l
RT: 12.543 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX025064.D
Acq: 03 Nov 2021 22:04



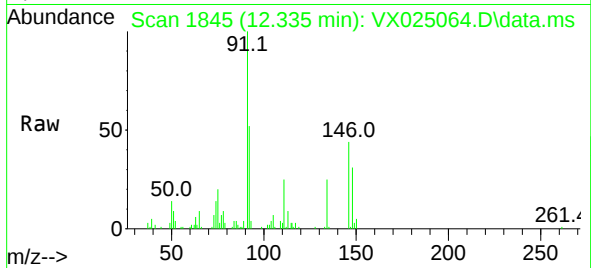
Tgt Ion:117 Resp: 1578
Ion Ratio Lower Upper
117 100
201 67.9 37.5 112.5





#87
1,2-Dichlorobenzene
Concen: 1.897 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX025064.D
Acq: 03 Nov 2021 22:04

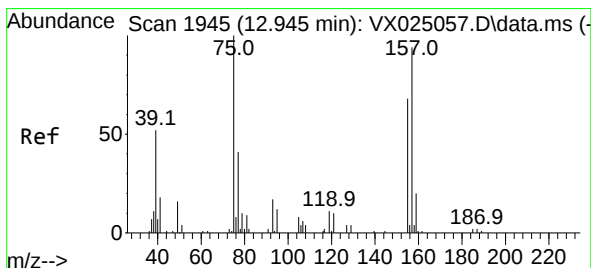
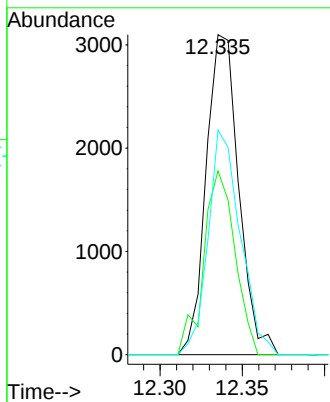
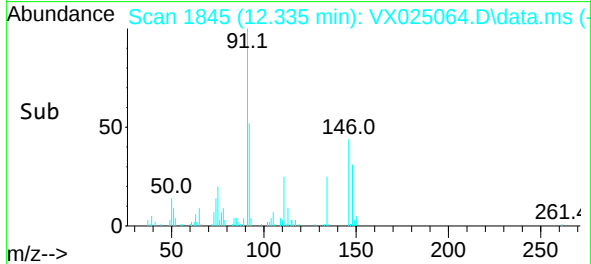
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



Tgt Ion:146 Resp: 428
Ion Ratio Lower Upper
146 100
111 54.9 20.7 62.1
148 69.3 32.6 97.8

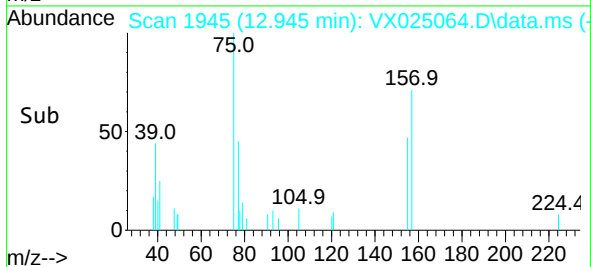
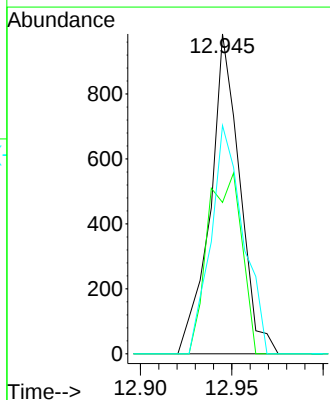
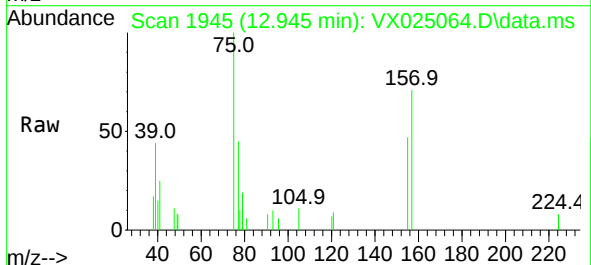
Manual Integrations
APPROVED

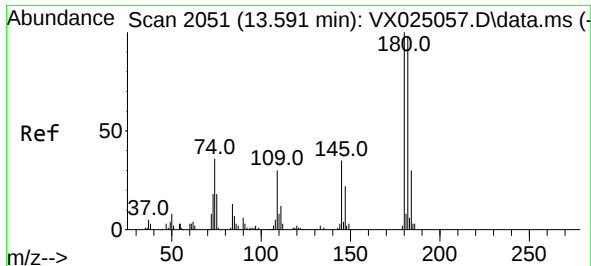
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#88
1,2-Dibromo-3-Chloropropane
Concen: 2.218 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX025064.D
Acq: 03 Nov 2021 22:04

Tgt Ion: 75 Resp: 1105
Ion Ratio Lower Upper
75 100
155 65.2 67.4 101.2#
157 77.8 85.8 128.8#





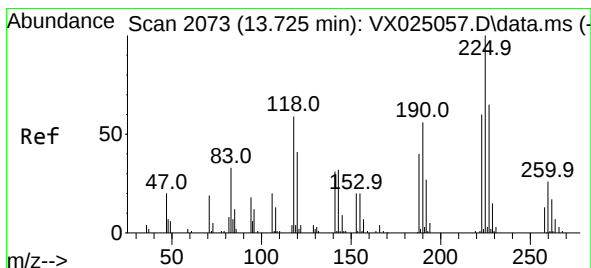
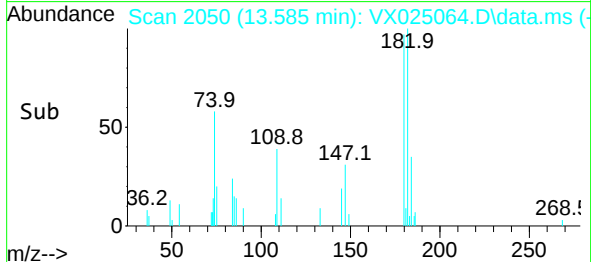
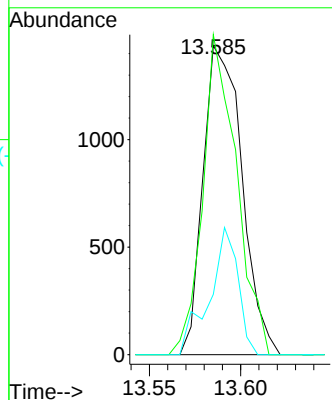
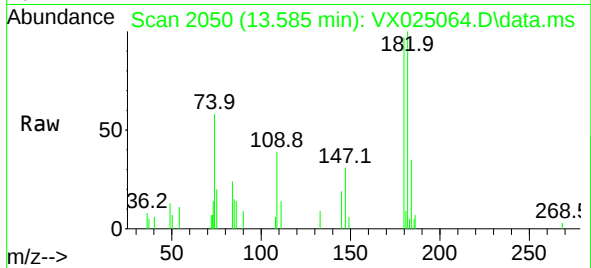
#89
1,2,4-Trichlorobenzene
Concen: 1.552 ug/l
RT: 13.585 min Scan# 2051
Delta R.T. -0.006 min
Lab File: VX025064.D
Acq: 03 Nov 2021 22:04

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021

Tgt Ion:180 Resp: 212
Ion Ratio Lower Upper
180 100
182 90.0 75.9 113.9
145 30.4 24.2 36.4

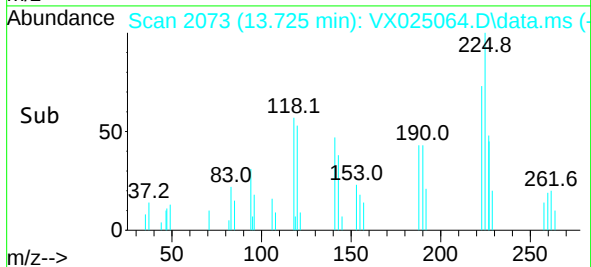
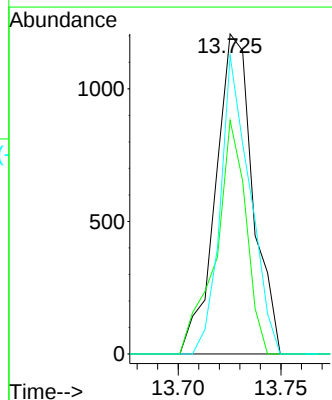
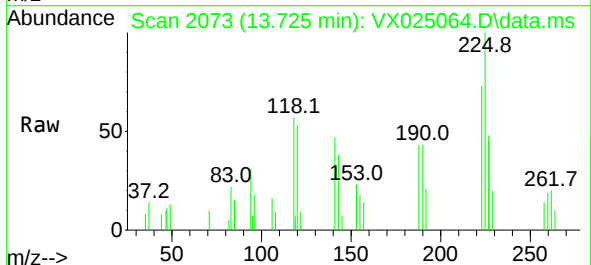
Manual Integrations
APPROVED

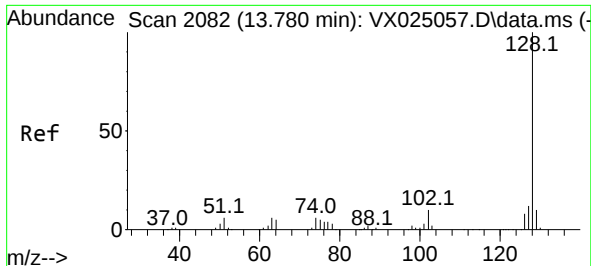
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#90
Hexachlorobutadiene
Concen: 2.205 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX025064.D
Acq: 03 Nov 2021 22:04

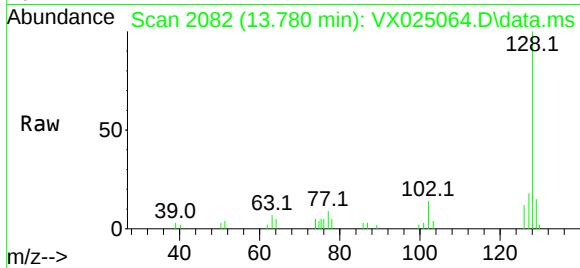
Tgt Ion:225 Resp: 1523
Ion Ratio Lower Upper
225 100
223 59.2 0.0 126.4
227 73.7 0.0 125.0





#91
Naphthalene
Concen: 1.041 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX025064.D
Acq: 03 Nov 2021 22:04

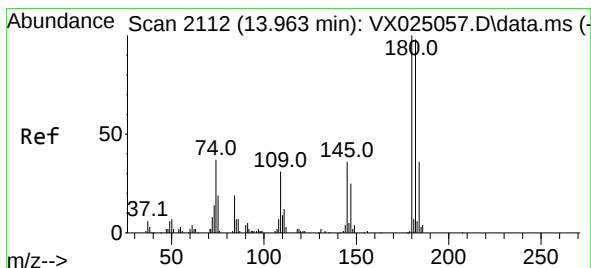
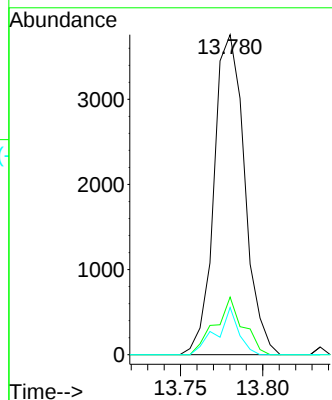
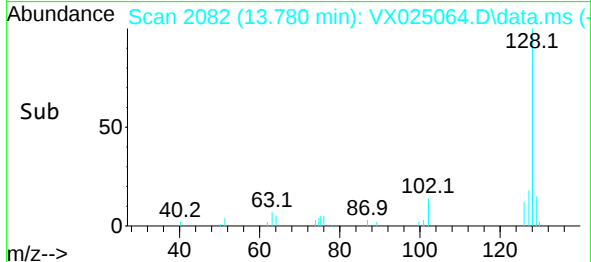
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2021



Tgt Ion:128 Resp: 4864
Ion Ratio Lower Upper
128 100
127 16.5 10.1 15.1
129 10.6 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#92
1,2,3-Trichlorobenzene
Concen: 1.387 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX025064.D
Acq: 03 Nov 2021 22:04

Tgt Ion:180 Resp: 1934
Ion Ratio Lower Upper
180 100
182 91.7 0.0 193.4
145 35.0 0.0 64.4

