

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111721\
 Data File : VX025192.D
 Acq On : 17 Nov 2021 17:24
 Operator : JC/MD
 Sample : M4068-07 .2PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Nov 18 06:59:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 18 06:58:13 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/18/2021
 Supervised By : Mahesh Dadoda 11/18/2021

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	118757	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	183781	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	164390	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	78522	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	64723	51.705	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.400%			
35) Dibromofluoromethane	5.385	113	58502	51.881	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.760%			
50) Toluene-d8	8.647	98	214943	50.698	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.400%			
62) 4-Bromofluorobenzene	11.079	95	76404	47.636	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.280%			
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	580	0.455	ug/l #	87
5) Bromomethane	1.611	94	806	1.340	ug/l	95
6) Chloroethane	1.691	64	397	0.411	ug/l	97
8) Diethyl Ether	2.124	74	196	0.229	ug/l #	15
10) Methyl Iodide	2.459	142	673	0.487	ug/l #	82
11) Tert butyl alcohol	2.953	59	1522	4.514	ug/l #	72
12) 1,1-Dichloroethene	2.319	96	248	0.225	ug/l #	80
13) Acrolein	2.215	56	132m	2.302	ug/l	
14) Allyl chloride	2.666	41	630	0.316	ug/l #	76
15) Acrylonitrile	3.075	53	724	1.078	ug/l #	76
16) Acetone	2.380	43	1320	1.898	ug/l	91
17) Carbon Disulfide	2.514	76	1080	0.349	ug/l	95
18) Methyl Acetate	2.709	43	618	0.278	ug/l #	52
20) Methylene Chloride	2.788	84	594	0.454	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	274	0.227	ug/l #	76
23) Vinyl Acetate	3.721	43	2685	0.881	ug/l #	92
25) 2-Butanone	4.568	43	1169	1.162	ug/l #	85
26) 2,2-Dichloropropane	4.471	77	421	0.224	ug/l #	53
29) Tetrahydrofuran	5.013	42	714	1.147	ug/l #	62
30) Chloroform	5.099	83	517	0.240	ug/l #	77
31) Cyclohexane	5.464	56	401m	0.207	ug/l	
37) Ethyl Acetate	4.721	43	527	0.289	ug/l #	68
41) Methacrylonitrile	4.928	41	270	0.267	ug/l #	49
42) 1,2-Dichloroethane	6.086	62	415	0.263	ug/l #	77
43) Isopropyl Acetate	6.354	43	734	0.242	ug/l #	61
48) Methyl methacrylate	7.696	41	344	0.241	ug/l #	68
49) 1,4-Dioxane	7.671	88	56	1.861	ug/l #	24
51) 4-Methyl-2-Pentanone	8.574	43	1795	0.943	ug/l	95
52) Toluene	8.720	92	712	0.225	ug/l	75
58) 2-Chloroethyl Vinyl ether	8.251	63	864	0.908	ug/l	98
59) 2-Hexanone	9.433	43	1412	0.941	ug/l	96
61) 1,2-Dibromoethane	9.610	107	278	0.204	ug/l #	80
64) Tetrachloroethene	9.275	164	287	0.212	ug/l	90
65) Chlorobenzene	10.079	112	748	0.223	ug/l	100
68) m/p-Xylenes	10.305	106	913	0.386	ug/l	97
73) Isopropylbenzene	10.963	105	1143	0.204	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
77) Bromobenzene	11.207	156	304	0.211	ug/l	87
79) 2-Chlorotoluene	11.372	91	851	0.223	ug/l	96
80) 1,3,5-Trimethylbenzene	11.457	105	951	0.202	ug/l	100
82) 4-Chlorotoluene	11.457	91	881	0.202	ug/l	99
87) 1,3-Dichlorobenzene	11.975	146	612	0.228	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	745m	0.274	ug/l	

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

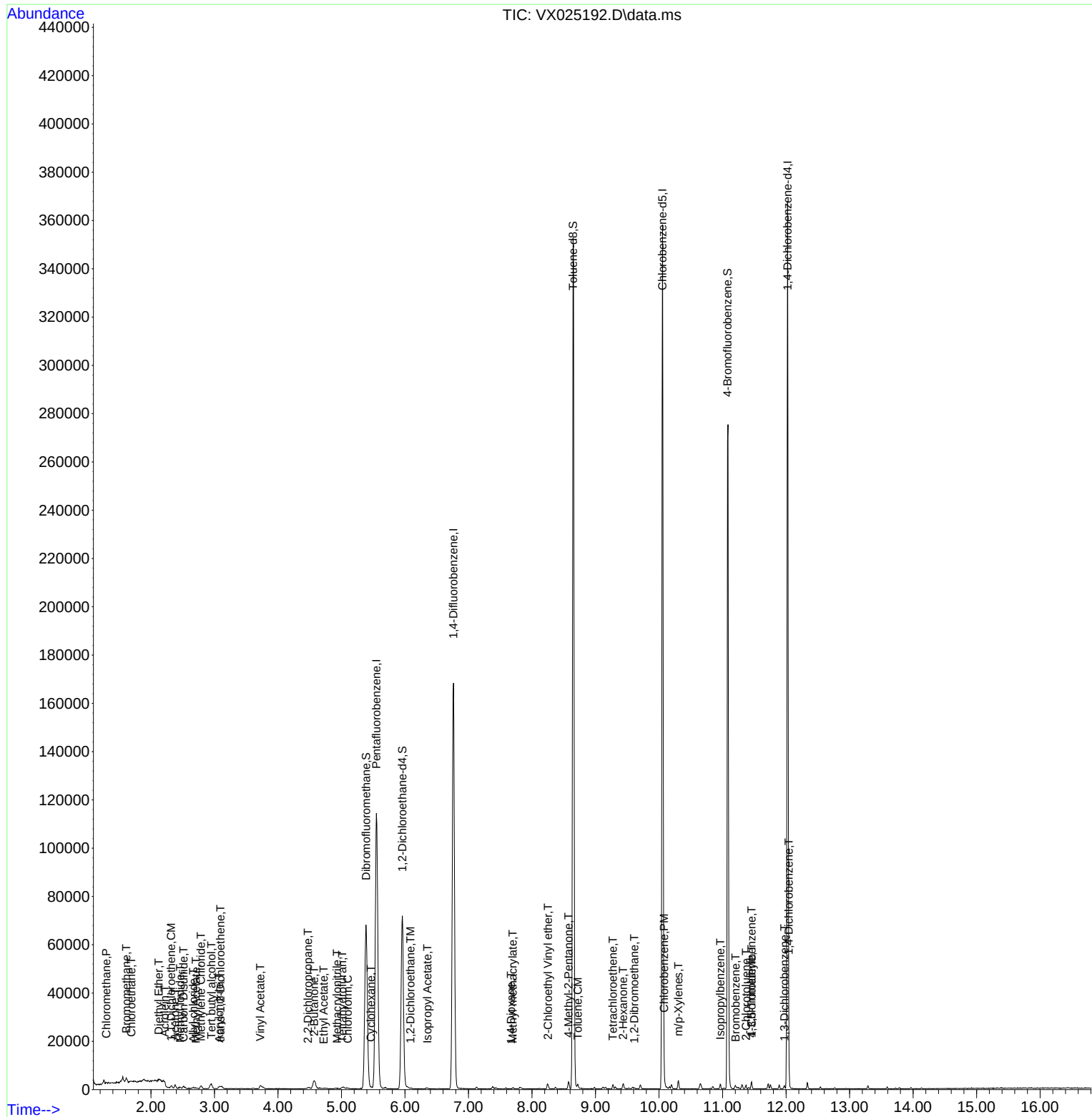
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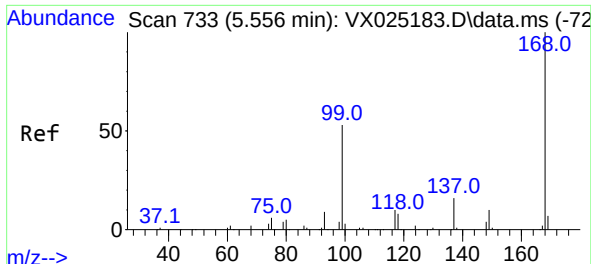
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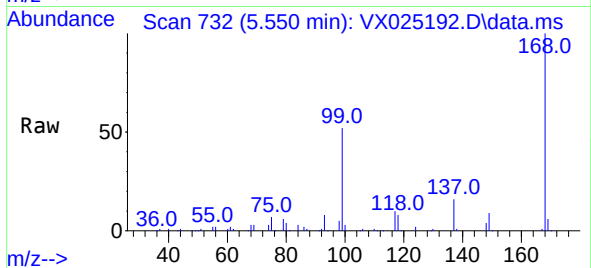
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX025192.D
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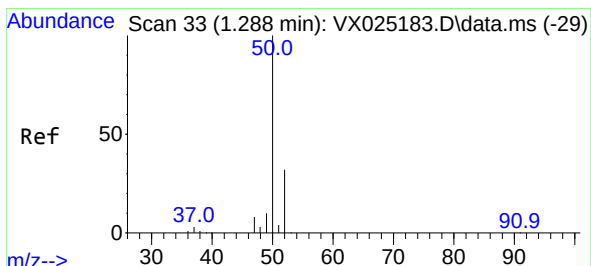
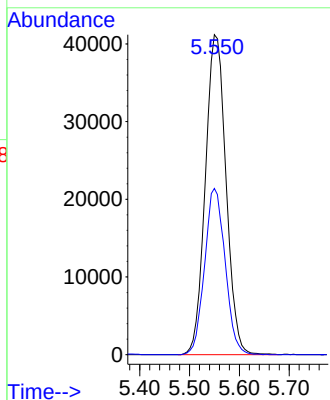
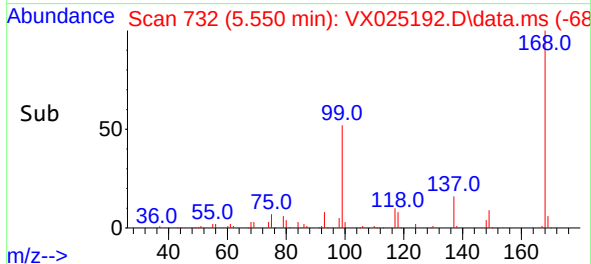
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Tgt Ion:168 Resp: 11875
Ion Ratio Lower Upper
168 100
99 51.9 46.4 69.6

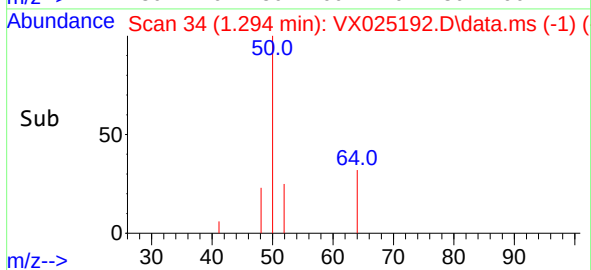
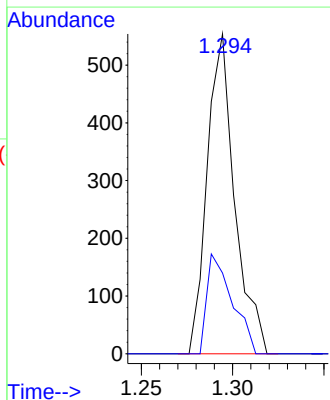
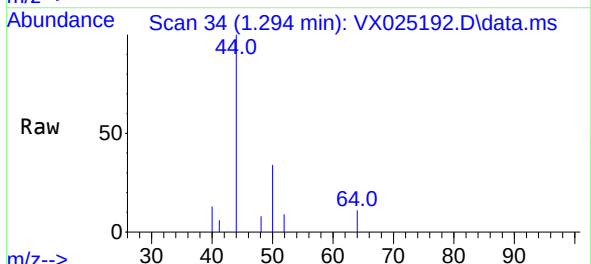
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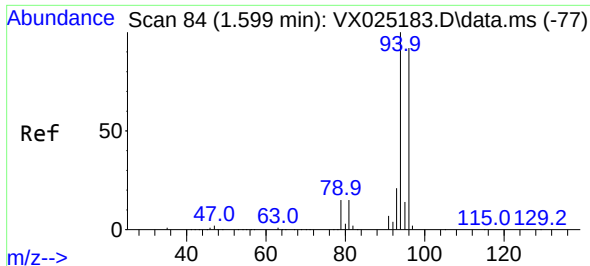
Reviewed By :John Carlone 11/18/2021
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#3
Chloromethane
Concen: 0.455 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX025192.D
Acq: 17 Nov 2021 17:24

Tgt Ion: 50 Resp: 580
Ion Ratio Lower Upper
50 100
52 25.3 25.9 38.9#





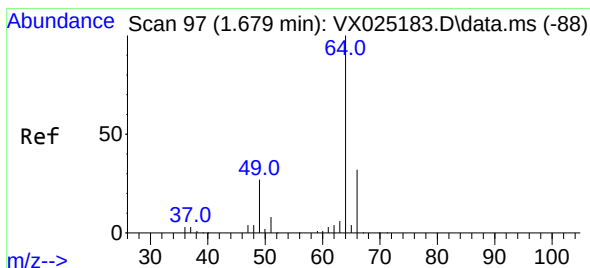
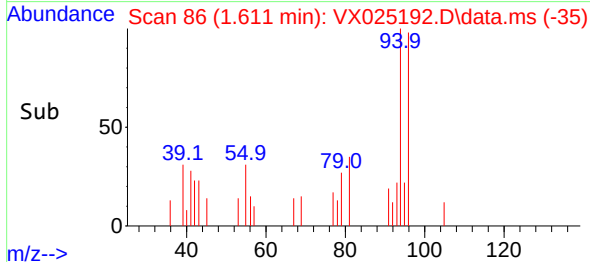
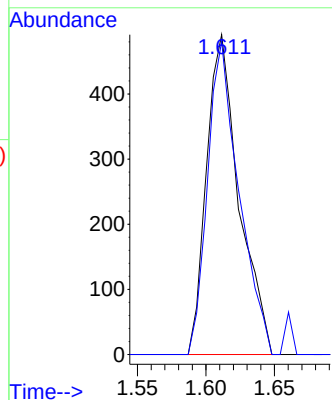
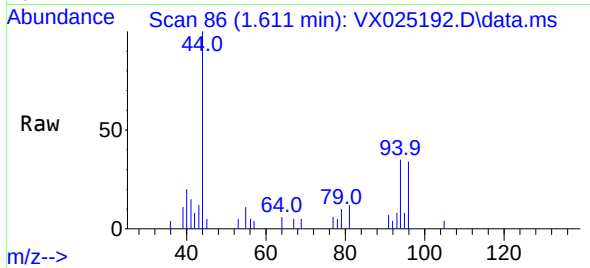
#5
Bromomethane
Concen: 1.340 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX025192.D
Acq: 17 Nov 2021 17:24

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

Tgt Ion: 94 Resp: 800
Ion Ratio Lower Upper
94 100
96 98.0 74.8 112.2

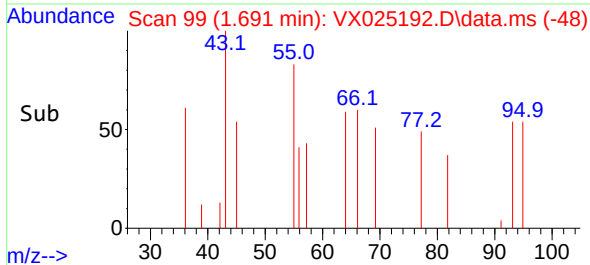
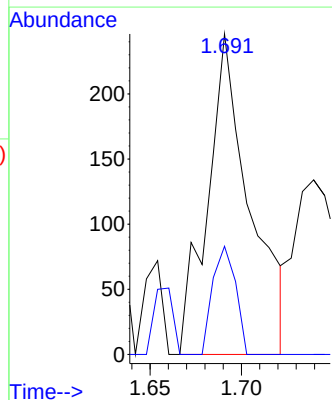
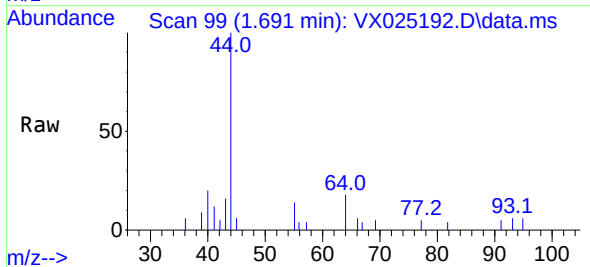
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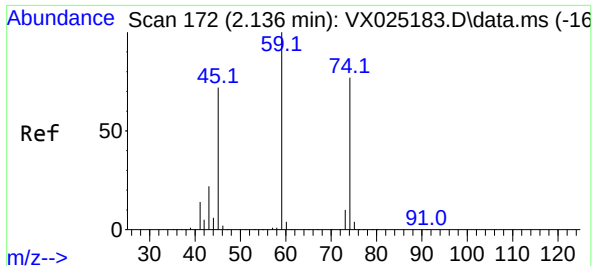
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#6
Chloroethane
Concen: 0.411 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.012 min
Lab File: VX025192.D
Acq: 17 Nov 2021 17:24

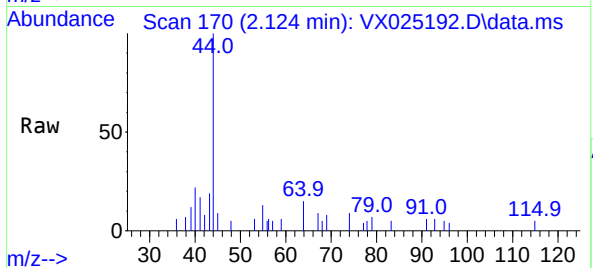
Tgt Ion: 64 Resp: 397
Ion Ratio Lower Upper
64 100
66 33.7 25.6 38.4





#8
Diethyl Ether
Concen: 0.229 ug/l
RT: 2.124 min Scan# 11
Delta R.T. -0.012 min
Lab File: VX025192.D
Acq: 17 Nov 2021 17:24

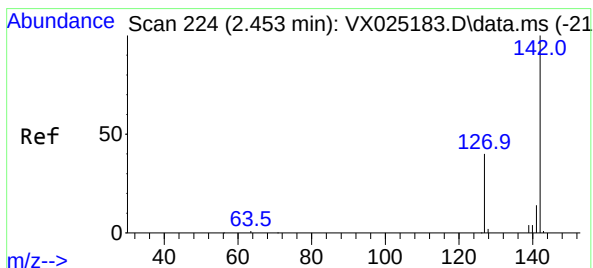
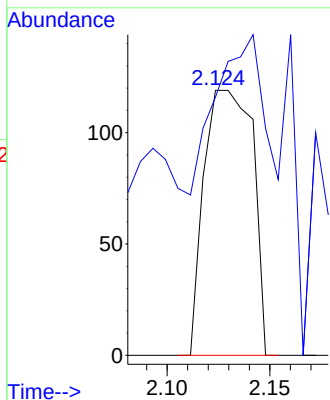
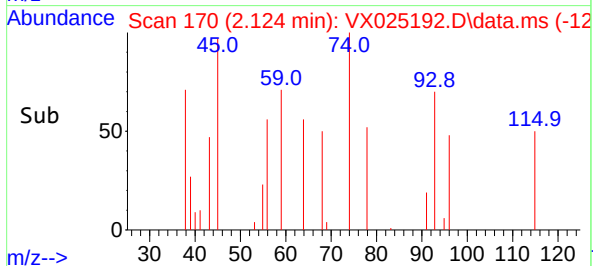
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



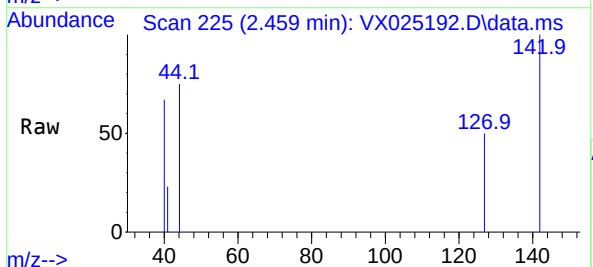
Tgt Ion: 74 Resp: 190
Ion Ratio Lower Upper
74 100
45 178.1 47.6 142.9

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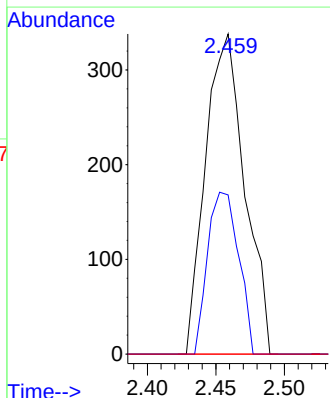
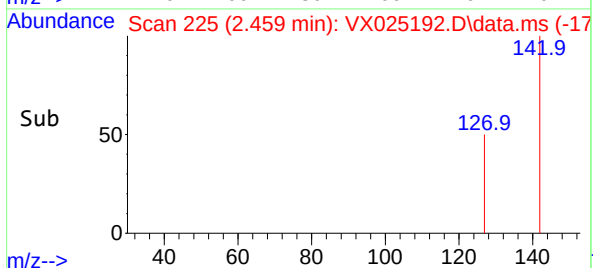
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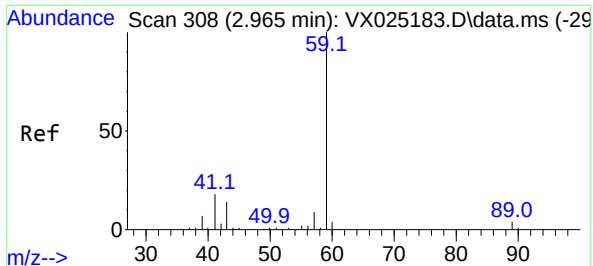


#10
Methyl Iodide
Concen: 0.487 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX025192.D
Acq: 17 Nov 2021 17:24



Tgt Ion:142 Resp: 673
Ion Ratio Lower Upper
142 100
127 39.8 38.9 58.3
141 0.0 11.7 17.5





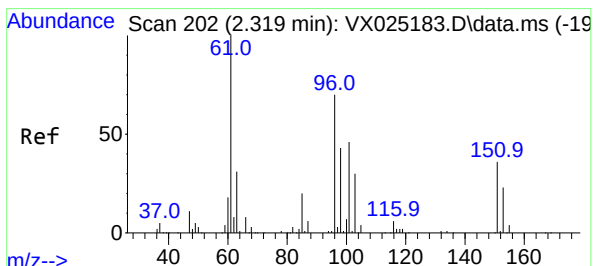
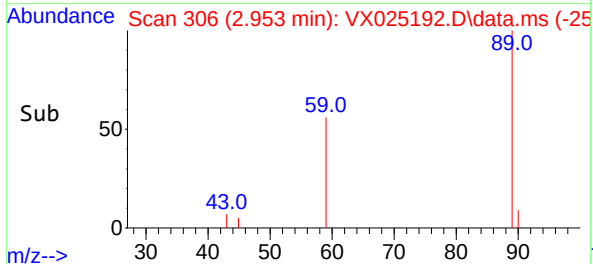
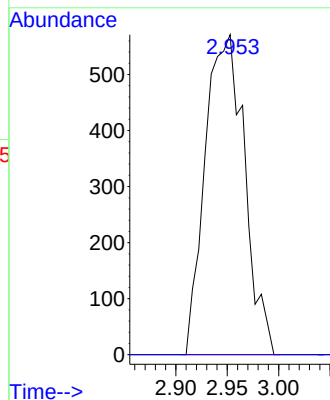
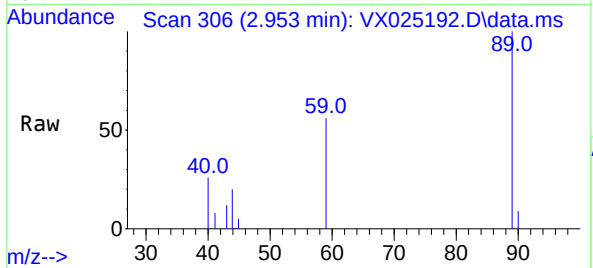
#11
Tert butyl alcohol
Concen: 4.514 ug/l
RT: 2.953 min Scan# 308
Delta R.T. -0.012 min
Lab File: VX025192.D
Acq: 17 Nov 2021 17:24

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

Tgt Ion: 59 Resp: 152
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7

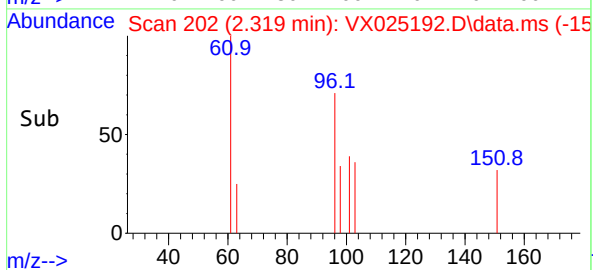
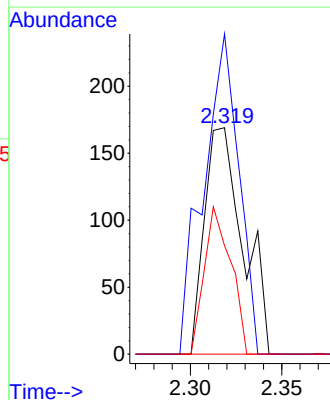
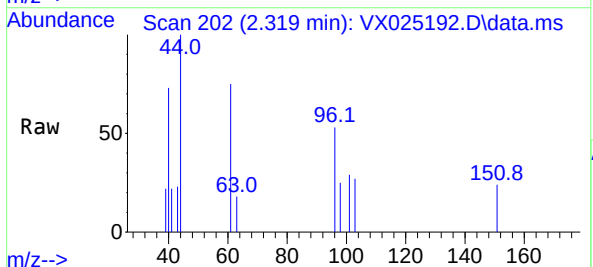
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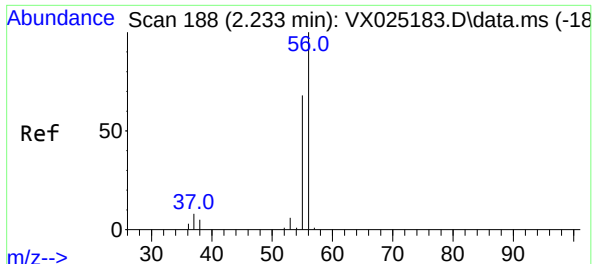
Reviewed By :John Carlone 11/18/2021
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#12
1,1-Dichloroethene
Concen: 0.225 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX025192.D
Acq: 17 Nov 2021 17:24

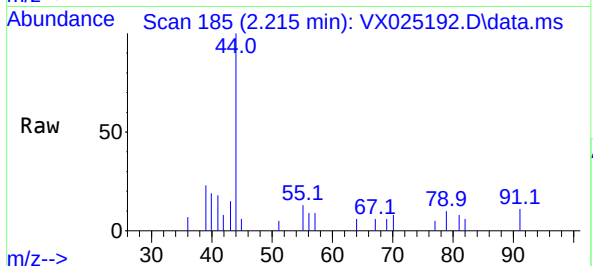
Tgt Ion: 96 Resp: 248
Ion Ratio Lower Upper
96 100
61 141.4 134.1 201.1
98 47.9 51.5 77.3





#13
Acrolein
Concen: 2.302 ug/l m
RT: 2.215 min Scan# 11
Delta R.T. -0.018 min
Lab File: VX025192.D
Acq: 17 Nov 2021 17:24

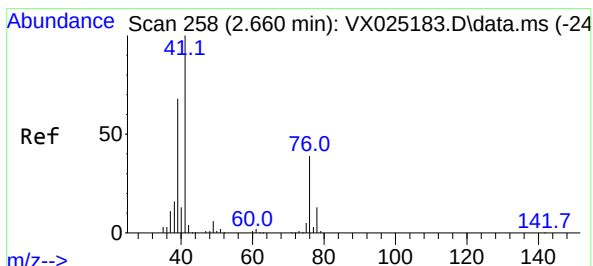
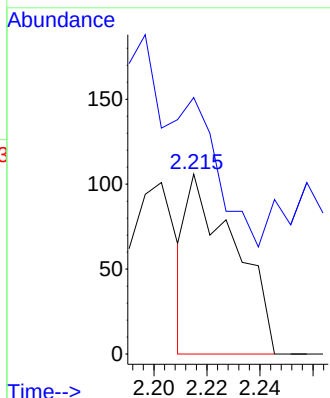
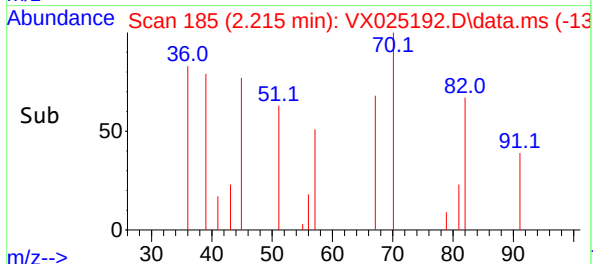
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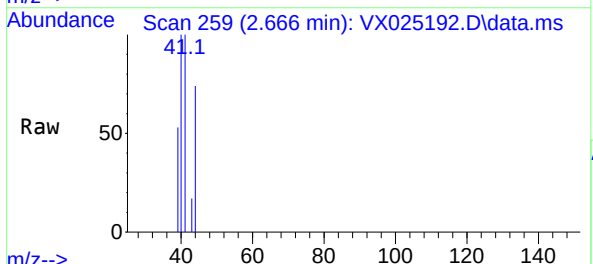
Tgt Ion: 56 Resp: 132
Ion Ratio Lower Upper
56 100
55 240.9 58.6 87.8

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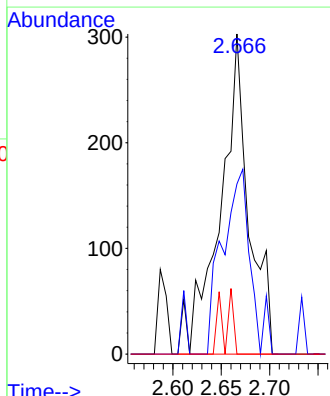
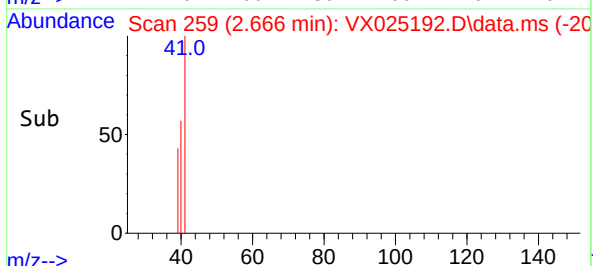
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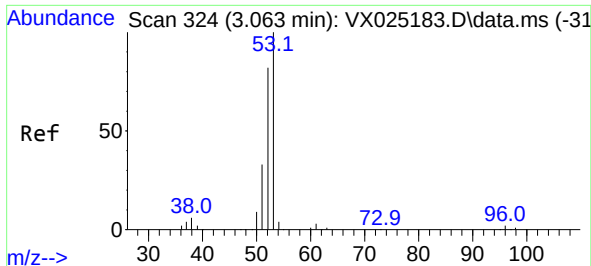


#14
Allyl chloride
Concen: 0.316 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.006 min
Lab File: VX025192.D
Acq: 17 Nov 2021 17:24



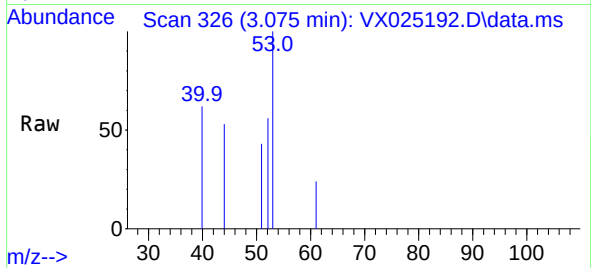
Tgt Ion: 41 Resp: 630
Ion Ratio Lower Upper
41 100
39 56.0 54.6 82.0
76 7.0 25.3 37.9





#15
Acrylonitrile
Concen: 1.078 ug/l
RT: 3.075 min Scan# 31
Delta R.T. 0.012 min
Lab File: VX025192.D
Acq: 17 Nov 2021 17:24

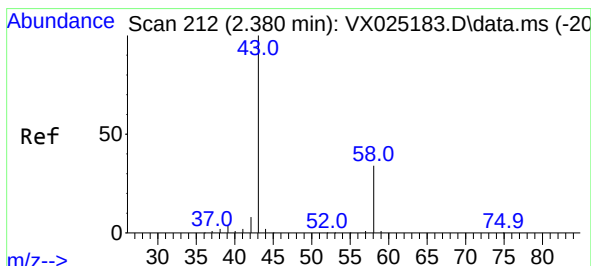
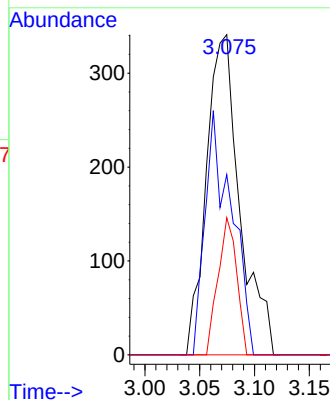
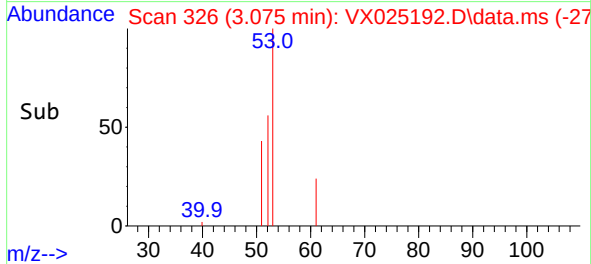
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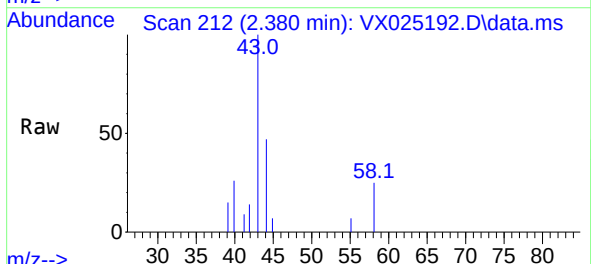
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Ion Ratio Lower Upper
53 100
52 60.2 66.2 99.4
51 23.9 29.8 44.8

Manual Integrations
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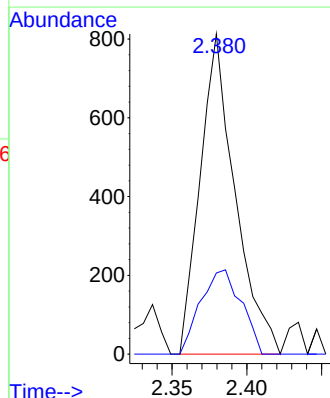
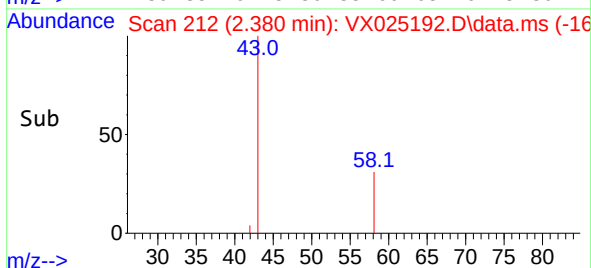
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

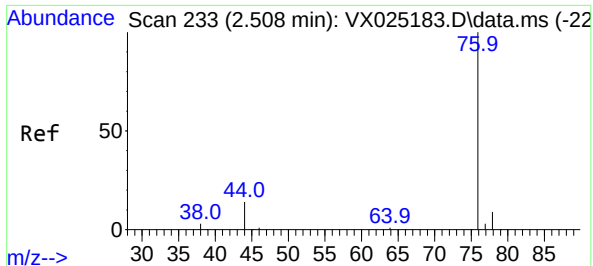


#16
Acetone
Concen: 1.898 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX025192.D
Acq: 17 Nov 2021 17:24



Tgt Ion: 43 Resp: 1320
Ion Ratio Lower Upper
43 100
58 25.3 24.0 36.0





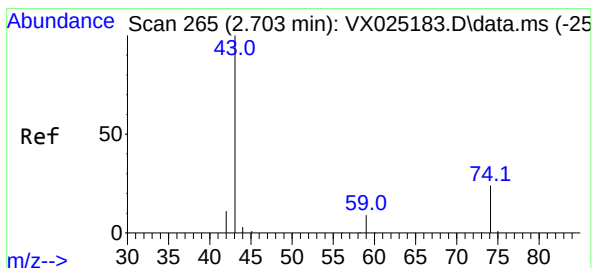
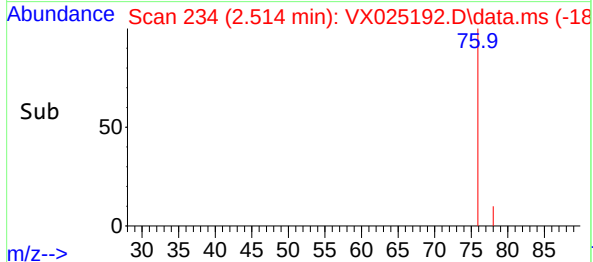
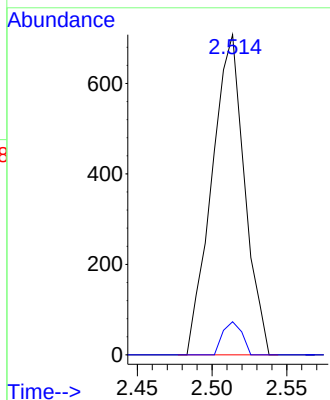
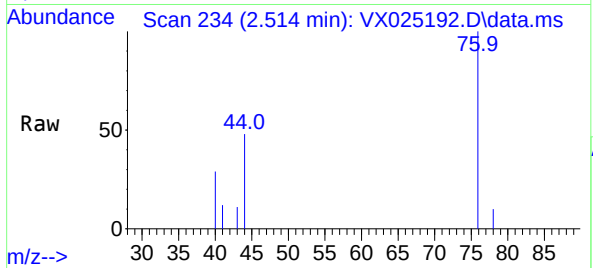
#17
Carbon Disulfide
Concen: 0.349 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX025192.D
Acq: 17 Nov 2021 17:24

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

Tgt Ion: 76 Resp: 1080
Ion Ratio Lower Upper
76 100
78 10.3 6.9 10.3

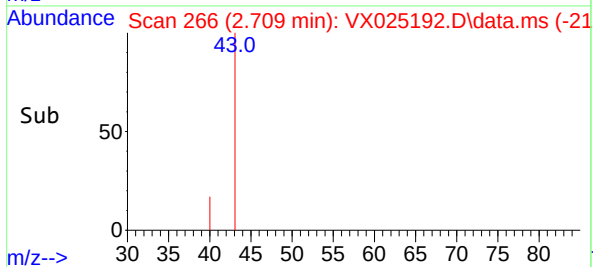
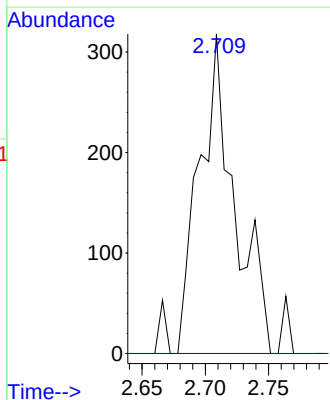
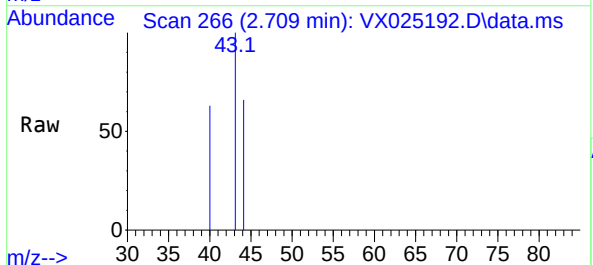
Manual Integrations
APPROVED

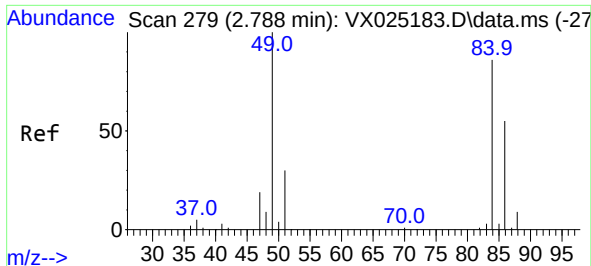
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#18
Methyl Acetate
Concen: 0.278 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX025192.D
Acq: 17 Nov 2021 17:24

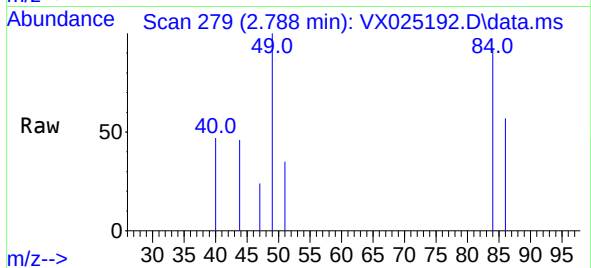
Tgt Ion: 43 Resp: 618
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.6#





#20
Methylene Chloride
Concen: 0.454 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX025192.D
Acq: 17 Nov 2021 17:24

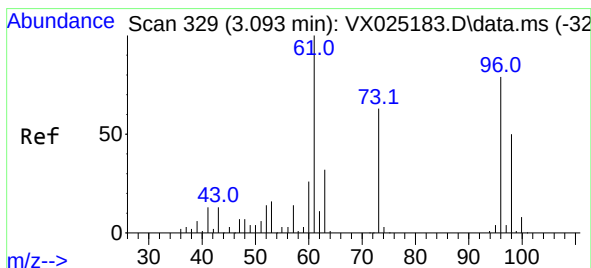
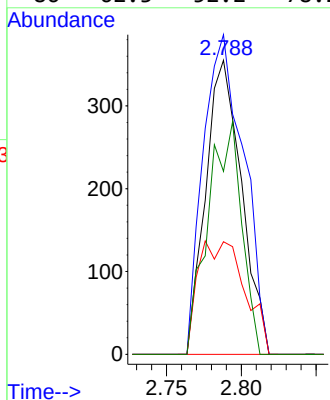
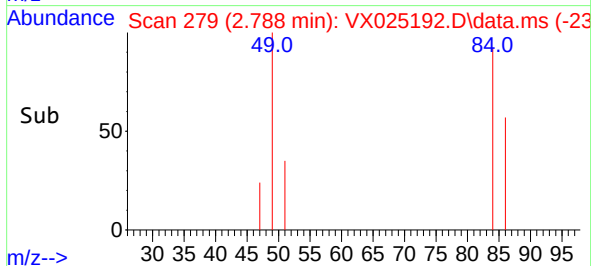
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



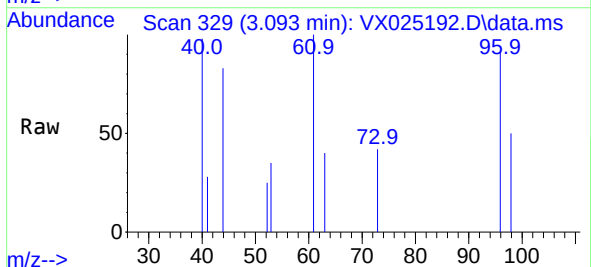
Tgt Ion: 84 Resp: 594
Ion Ratio Lower Upper
84 100
49 108.7 98.2 147.2
51 38.3 30.2 45.4
86 62.3 52.2 78.2

Manual Integrations
APPROVED

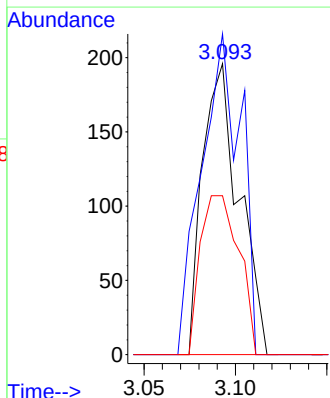
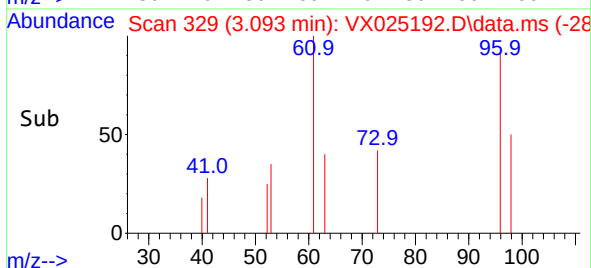
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

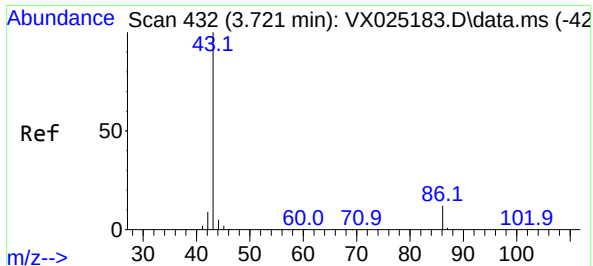


#21
trans-1,2-Dichloroethene
Concen: 0.227 ug/l
RT: 3.093 min Scan# 329
Delta R.T. -0.000 min
Lab File: VX025192.D
Acq: 17 Nov 2021 17:24



Tgt Ion: 96 Resp: 274
Ion Ratio Lower Upper
96 100
61 110.2 117.9 176.9#
98 54.6 51.1 76.7





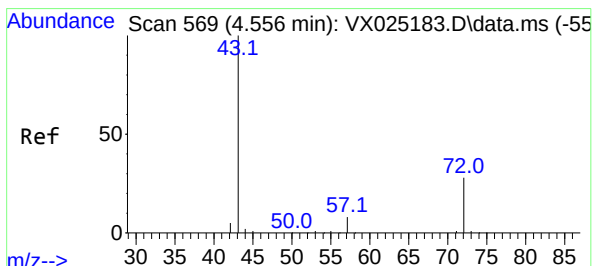
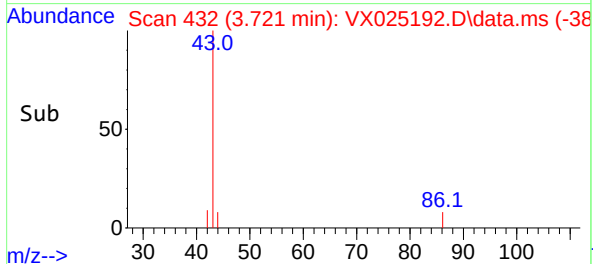
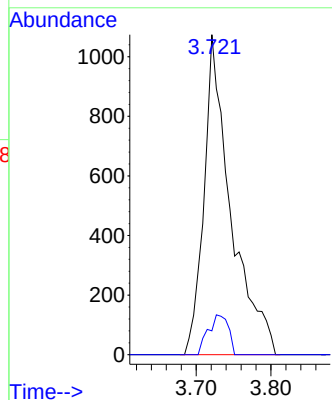
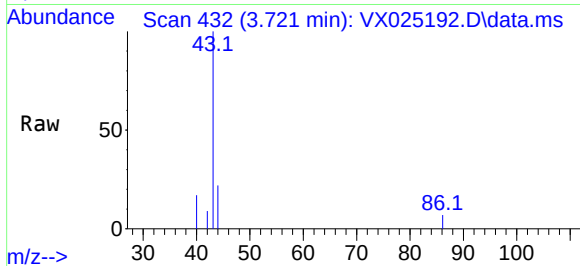
#23
 Vinyl Acetate
 Concen: 0.881 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX025192.D
 Acq: 17 Nov 2021 17:24

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

Tgt Ion: 43 Resp: 268
 Ion Ratio Lower Upper
 43 100
 86 7.4 8.2 12.4

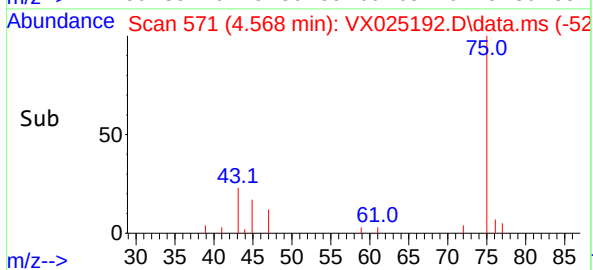
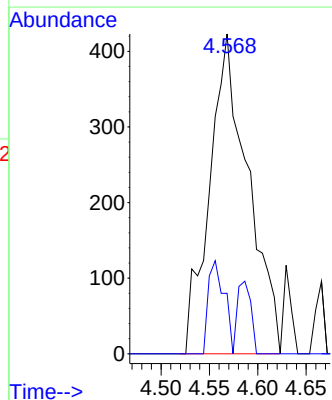
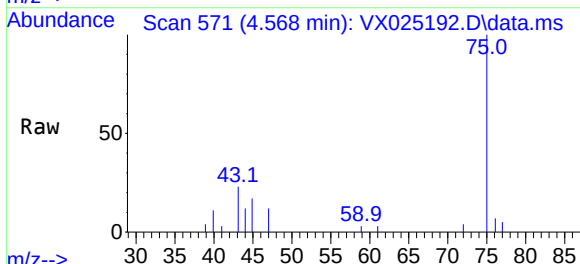
Manual Integrations
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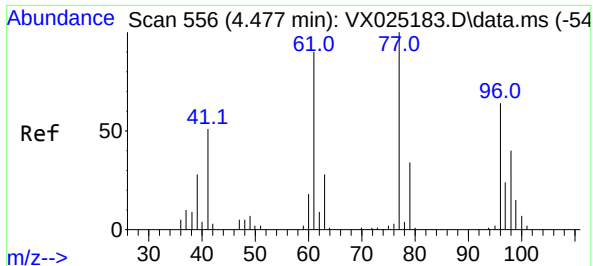
Reviewed By :John Carlone 11/18/2021
 Supervised By :Mahesh Dadoda 11/18/2021



#25
 2-Butanone
 Concen: 1.162 ug/l
 RT: 4.568 min Scan# 571
 Delta R.T. 0.012 min
 Lab File: VX025192.D
 Acq: 17 Nov 2021 17:24

Tgt Ion: 43 Resp: 1169
 Ion Ratio Lower Upper
 43 100
 72 18.9 21.2 31.8





#26

2,2-Dichloropropane

Concen: 0.224 ug/l

RT: 4.471 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX025192.D

Acq: 17 Nov 2021 17:24

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2021

Tgt Ion: 77 Resp: 42

Ion Ratio Lower Upper

77 100

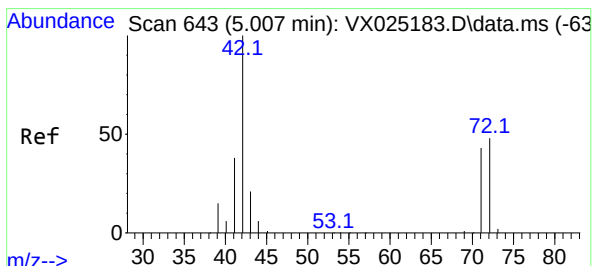
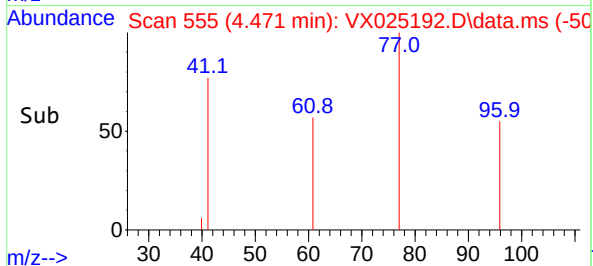
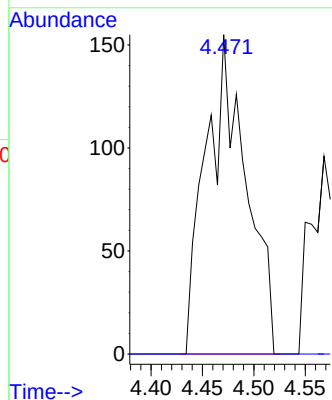
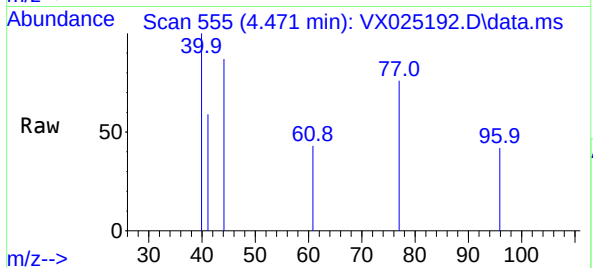
97 0.0 11.2 33.5

Manual Integrations

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Reviewed By :John Carlone 11/18/2021

Supervised By :Mahesh Dadoda 11/18/2021



#29

Tetrahydrofuran

Concen: 1.147 ug/l

RT: 5.013 min Scan# 644

Delta R.T. 0.006 min

Lab File: VX025192.D

Acq: 17 Nov 2021 17:24

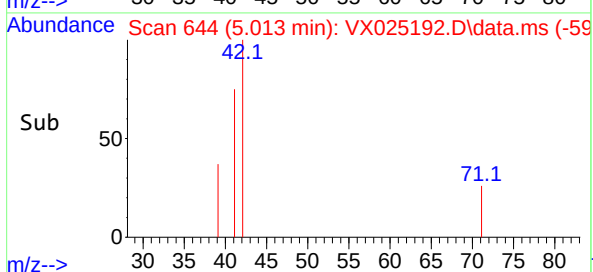
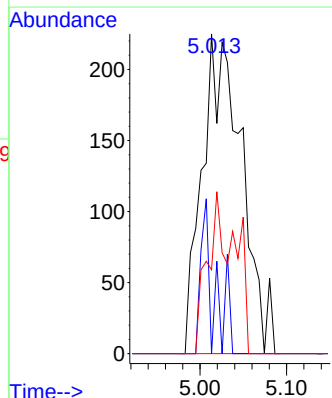
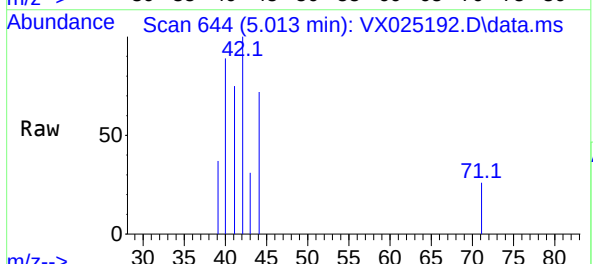
Tgt Ion: 42 Resp: 714

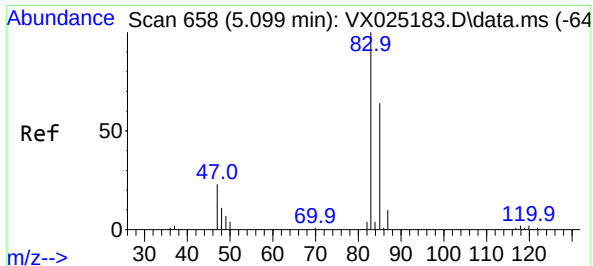
Ion Ratio Lower Upper

42 100

72 16.2 36.1 54.1#

71 22.1 33.7 50.5#





#30

Chloroform

Concen: 0.240 ug/l

RT: 5.099 min Scan# 61

Delta R.T. -0.000 min

Lab File: VX025192.D

Acq: 17 Nov 2021 17:24

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2021

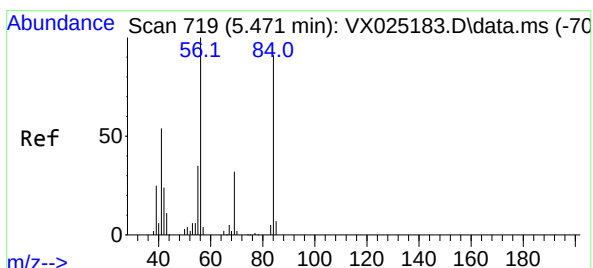
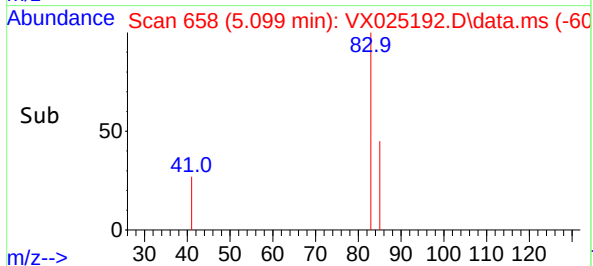
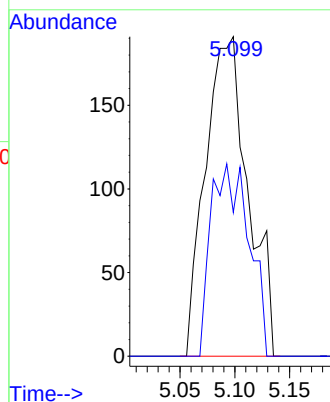
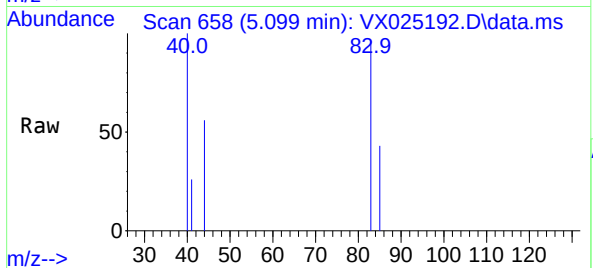
Tgt Ion: 83 Resp: 51
 Ion Ratio Lower Upper
 83 100
 85 45.0 50.2 75.2

Manual Integrations

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Reviewed By :John Carlone 11/18/2021

Supervised By :Mahesh Dadoda 11/18/2021



#31

Cyclohexane

Concen: 0.207 ug/l m

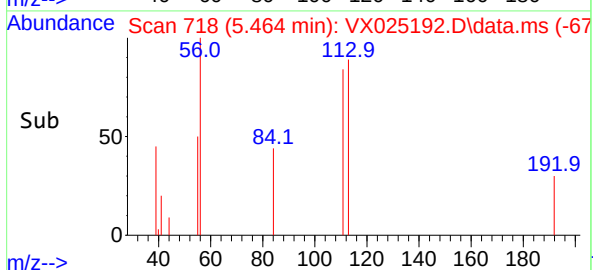
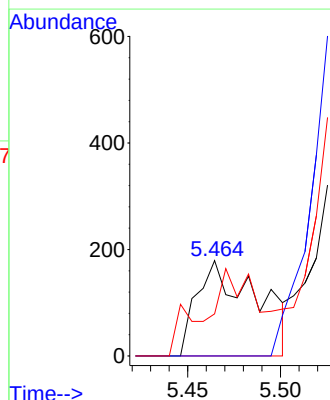
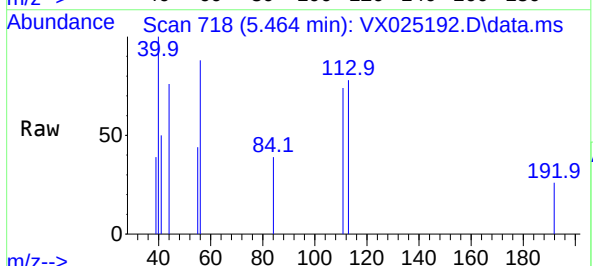
RT: 5.464 min Scan# 718

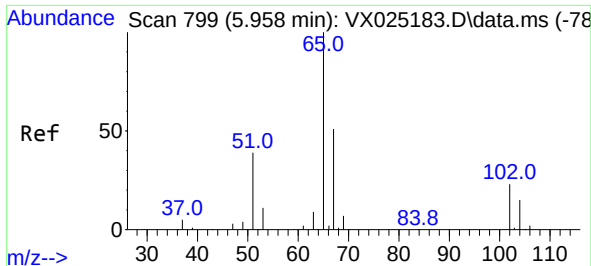
Delta R.T. -0.007 min

Lab File: VX025192.D

Acq: 17 Nov 2021 17:24

Tgt Ion: 56 Resp: 401
 Ion Ratio Lower Upper
 56 100
 69 0.0 24.2 36.2#
 84 44.1 71.5 107.3#





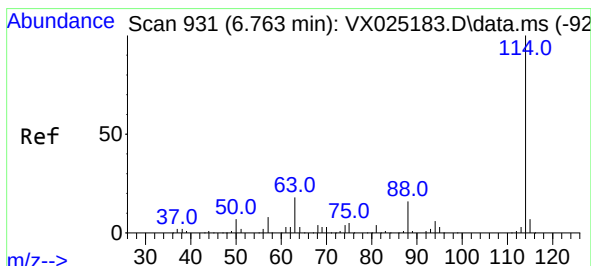
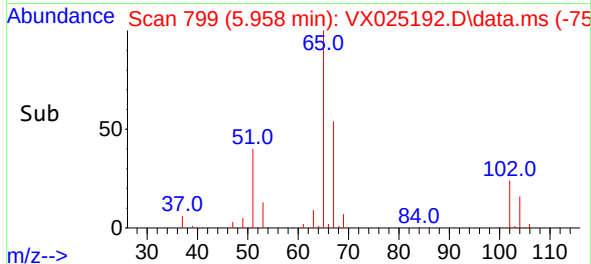
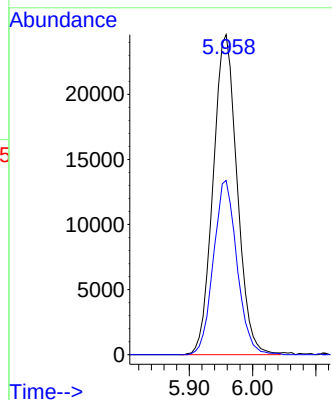
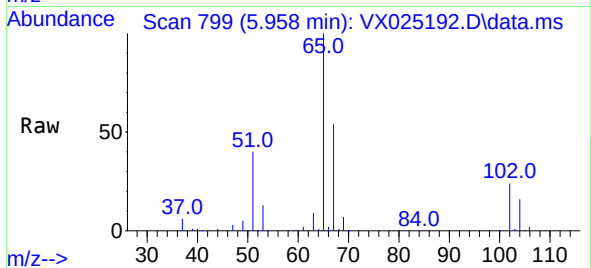
#33
1,2-Dichloroethane-d4
Concen: 51.705 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX025192.D
Acq: 17 Nov 2021 17:24

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

Tgt Ion: 65 Resp: 6472
Ion Ratio Lower Upper
65 100
67 53.4 0.0 101.0

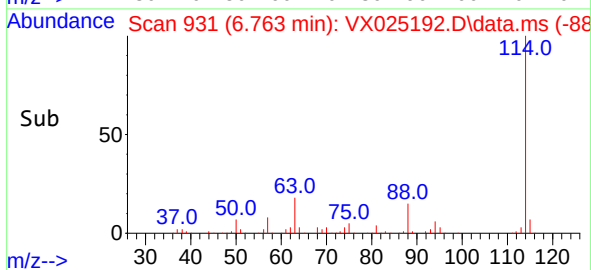
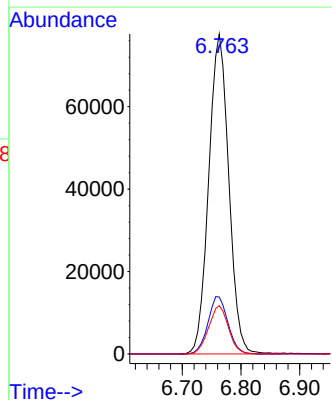
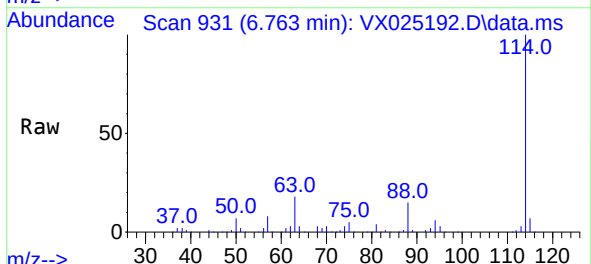
Manual Integrations
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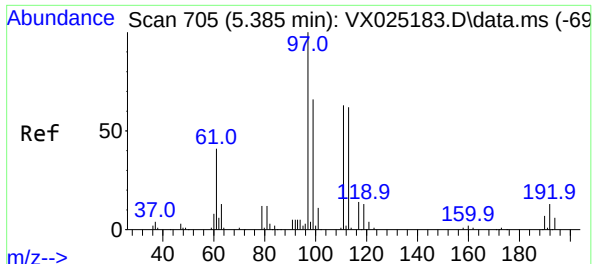
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX025192.D
Acq: 17 Nov 2021 17:24

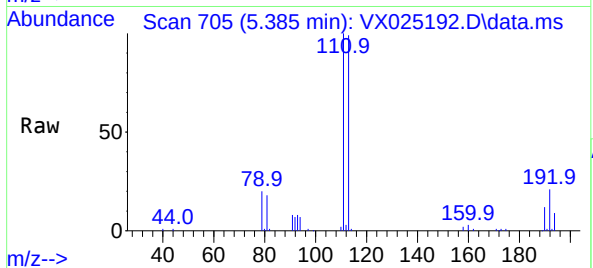
Tgt Ion:114 Resp: 183781
Ion Ratio Lower Upper
114 100
63 17.8 0.0 41.0
88 15.1 0.0 34.8





#35
Dibromofluoromethane
Concen: 51.881 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX025192.D
Acq: 17 Nov 2021 17:24

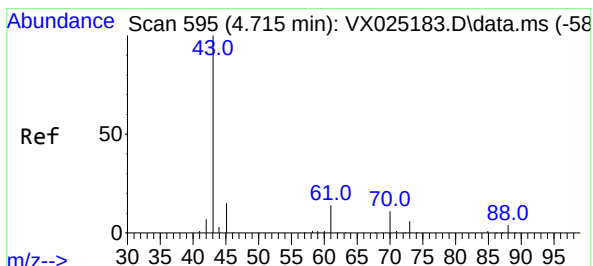
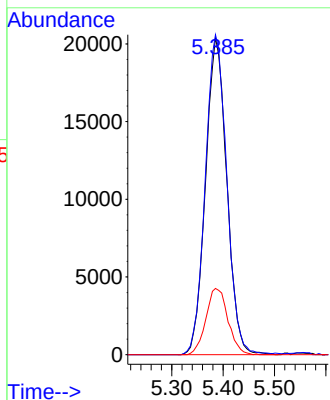
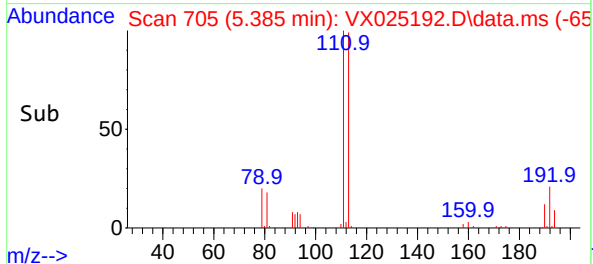
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



Tgt Ion: 113 Resp: 58502
Ion Ratio Lower Upper
113 100
111 102.3 82.1 123.1
192 21.7 15.6 23.4

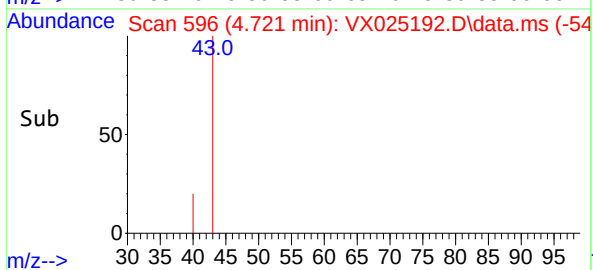
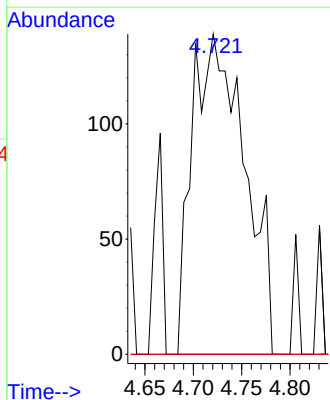
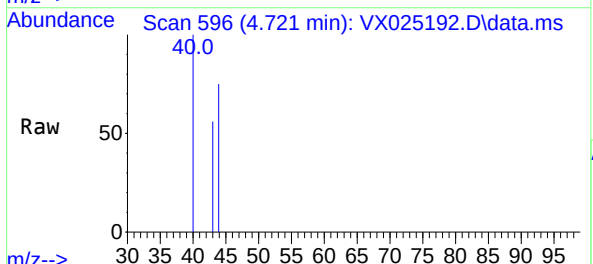
Manual Integrations
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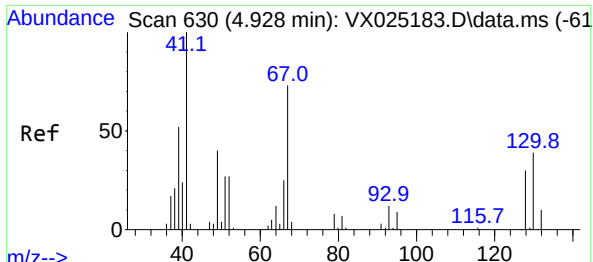
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#37
Ethyl Acetate
Concen: 0.289 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.006 min
Lab File: VX025192.D
Acq: 17 Nov 2021 17:24

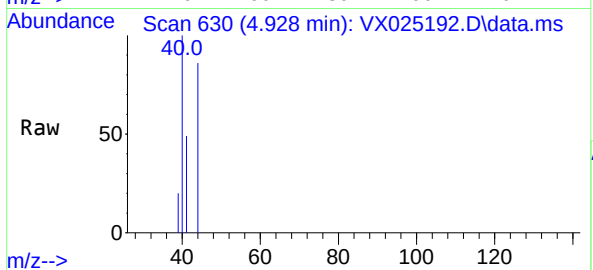
Tgt Ion: 43 Resp: 527
Ion Ratio Lower Upper
43 100
61 0.0 11.4 17.0#
70 0.0 8.6 12.8#





#41
Methacrylonitrile
Concen: 0.267 ug/l
RT: 4.928 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX025192.D
Acq: 17 Nov 2021 17:24

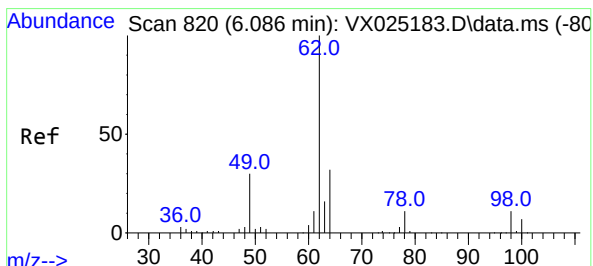
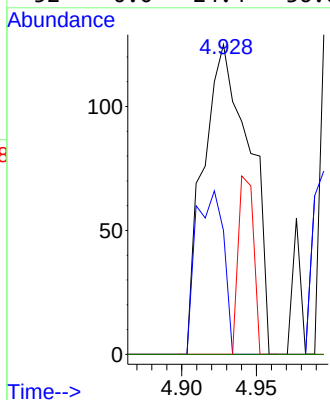
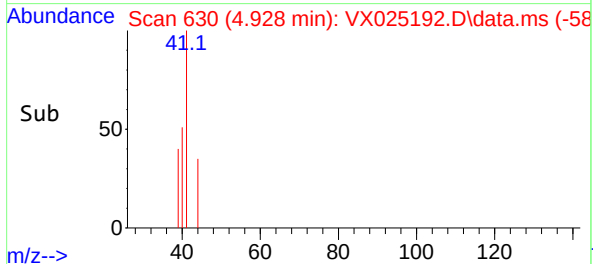
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2021



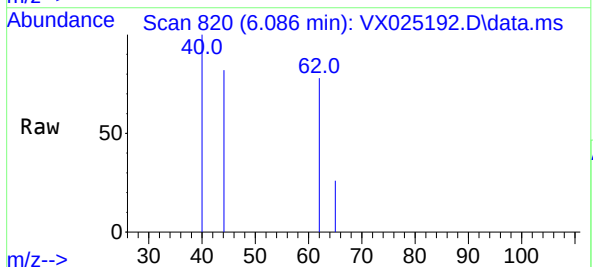
Tgt Ion: 41 Resp: 270
Ion Ratio Lower Upper
41 100
39 31.5 44.6 67.0
67 18.9 56.7 85.1
52 0.0 24.4 36.6

Manual Integrations
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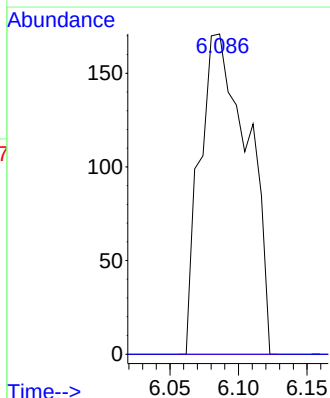
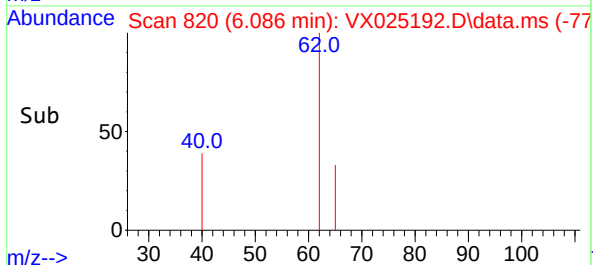
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

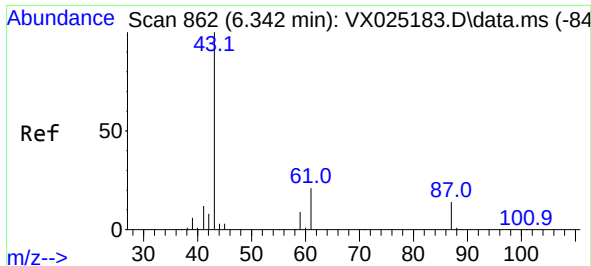


#42
1,2-Dichloroethane
Concen: 0.263 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX025192.D
Acq: 17 Nov 2021 17:24



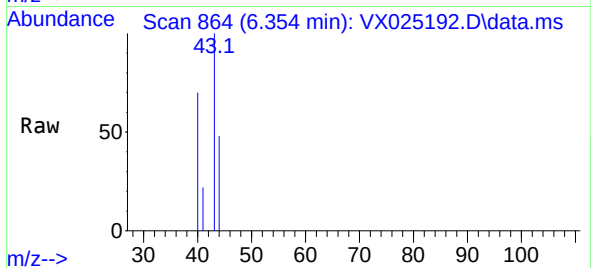
Tgt Ion: 62 Resp: 415
Ion Ratio Lower Upper
62 100
98 0.0 0.0 16.0





#43
Isopropyl Acetate
Concen: 0.242 ug/l
RT: 6.354 min Scan# 864
Delta R.T. 0.013 min
Lab File: VX025192.D
Acq: 17 Nov 2021 17:24

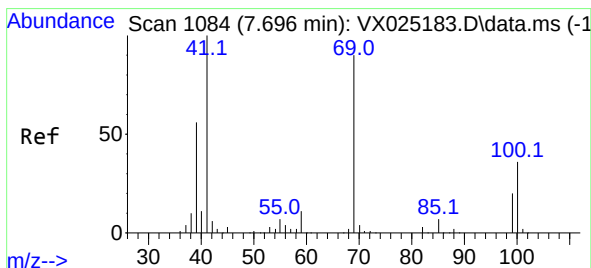
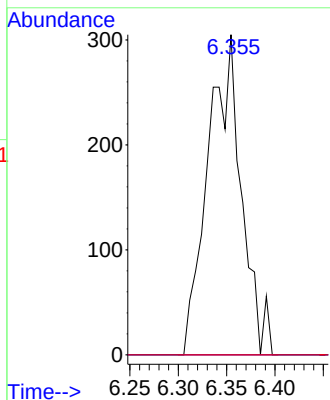
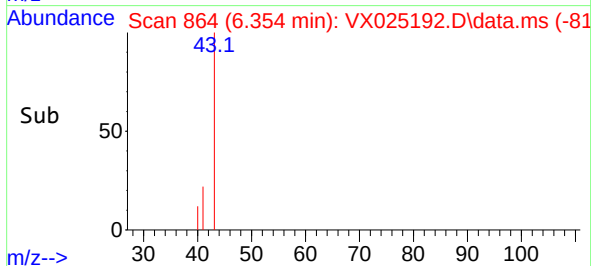
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



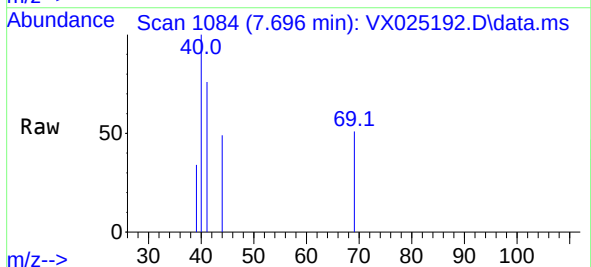
Tgt Ion: 43 Resp: 734
Ion Ratio Lower Upper
43 100
61 0.0 15.3 22.9
87 0.0 10.9 16.3

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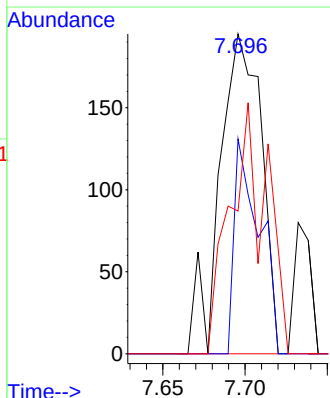
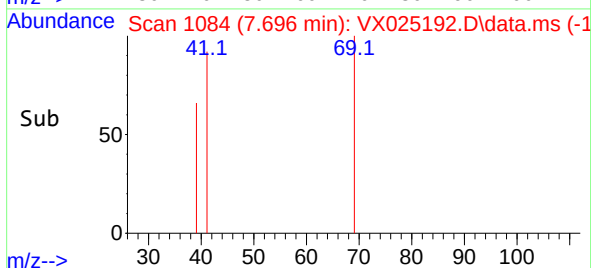
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

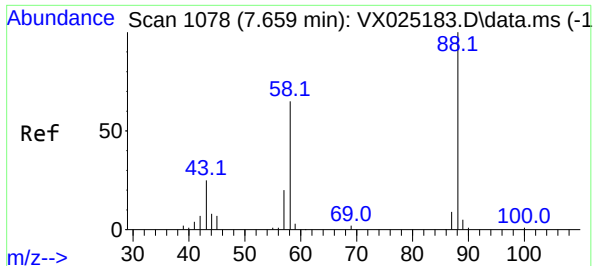


#48
Methyl methacrylate
Concen: 0.241 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX025192.D
Acq: 17 Nov 2021 17:24



Tgt Ion: 41 Resp: 344
Ion Ratio Lower Upper
41 100
69 40.4 64.5 96.7
39 68.6 46.9 70.3





#49

1,4-Dioxane

Concen: 1.861 ug/l

RT: 7.671 min Scan# 1080

Delta R.T. 0.012 min

Lab File: VX025192.D

Acq: 17 Nov 2021 17:24

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2021

Tgt Ion: 88 Resp: 50

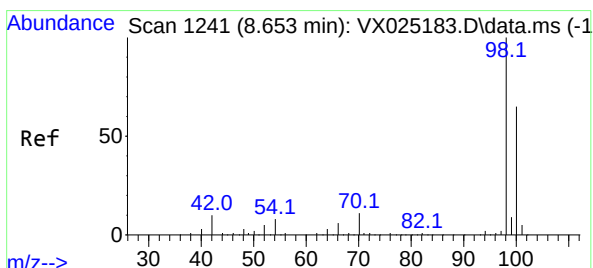
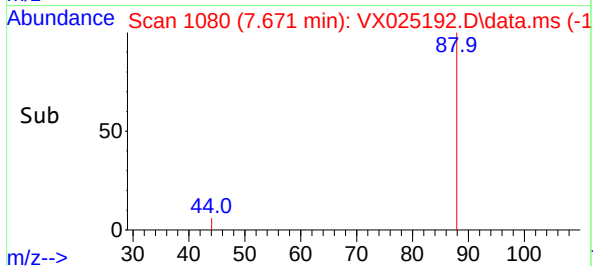
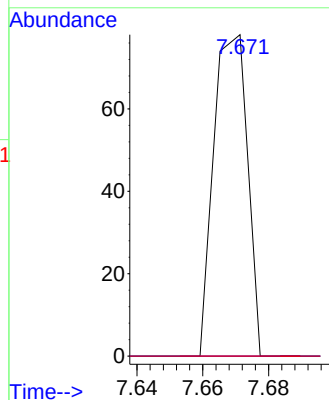
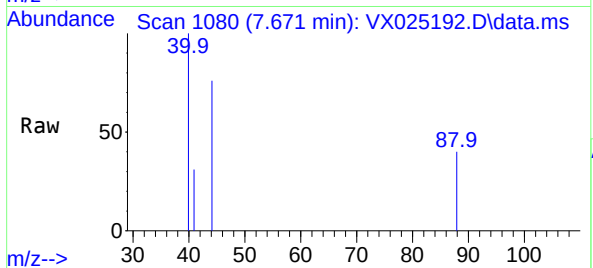
Ion	Ratio	Lower	Upper
88	100		
43	0.0	27.0	40.6
58	0.0	55.2	82.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2021

Supervised By :Mahesh Dadoda 11/18/2021



#50

Toluene-d8

Concen: 50.698 ug/l

RT: 8.647 min Scan# 1240

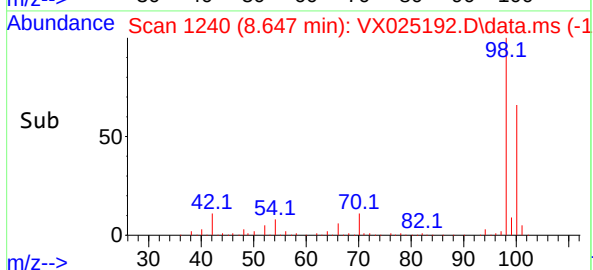
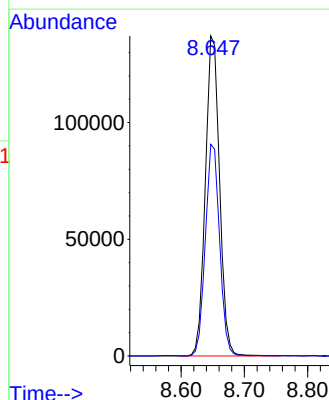
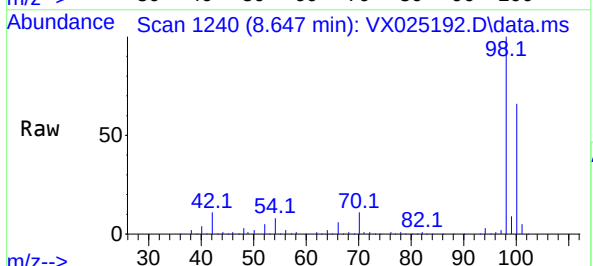
Delta R.T. -0.006 min

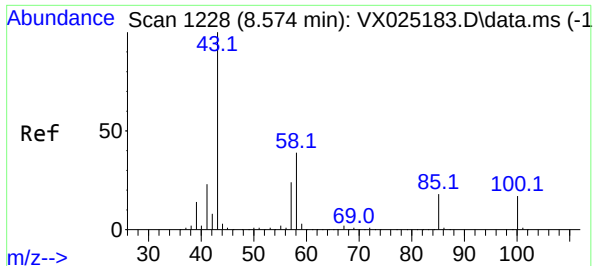
Lab File: VX025192.D

Acq: 17 Nov 2021 17:24

Tgt Ion: 98 Resp: 214943

Ion	Ratio	Lower	Upper
98	100		
100	66.3	51.4	77.0





#51

4-Methyl-2-Pentanone

Concen: 0.943 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX025192.D

Acq: 17 Nov 2021 17:24

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2021

Tgt Ion: 43 Resp: 179

Ion Ratio Lower Upper

43 100

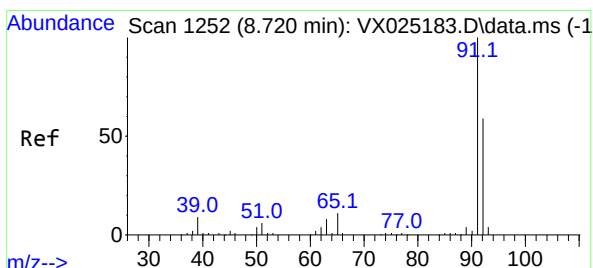
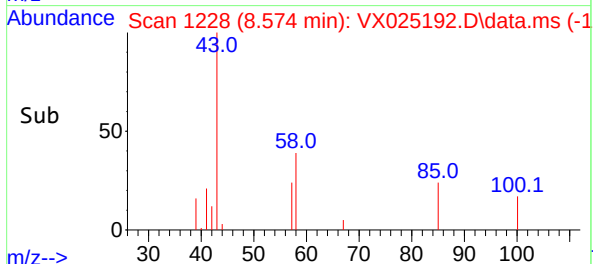
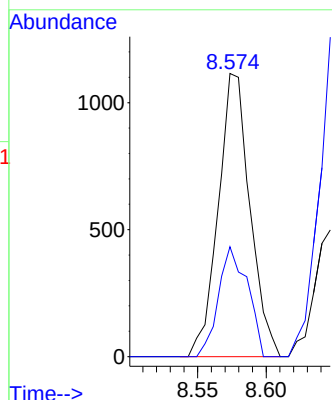
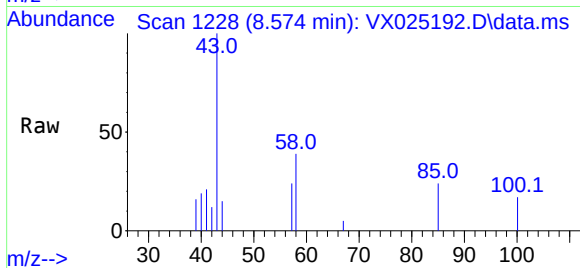
58 35.4 30.9 46.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2021

Supervised By :Mahesh Dadoda 11/18/2021



#52

Toluene

Concen: 0.225 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX025192.D

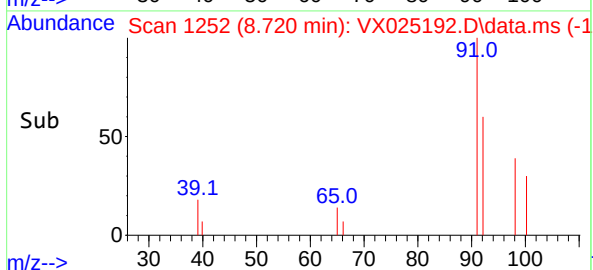
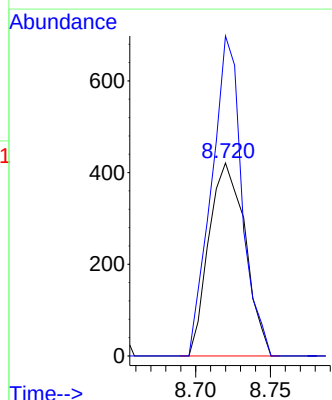
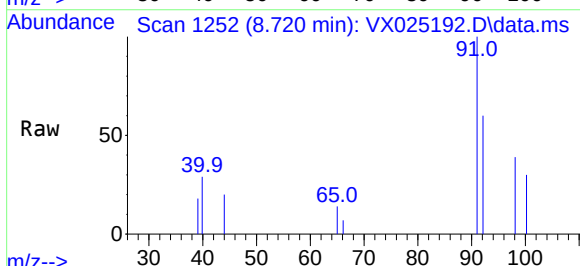
Acq: 17 Nov 2021 17:24

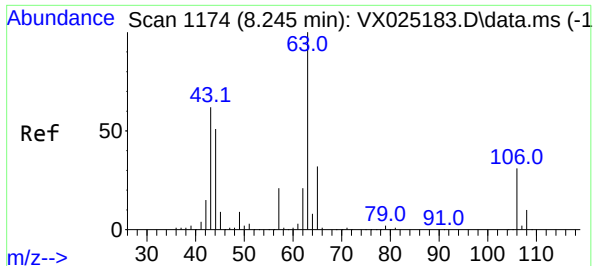
Tgt Ion: 92 Resp: 712

Ion Ratio Lower Upper

92 100

91 138.9 138.6 208.0





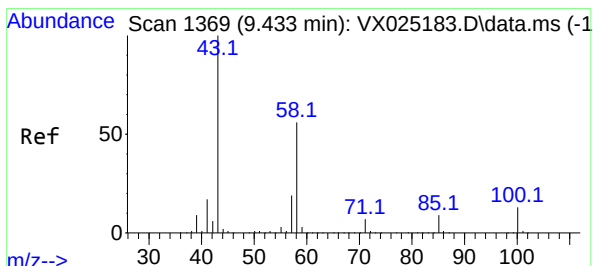
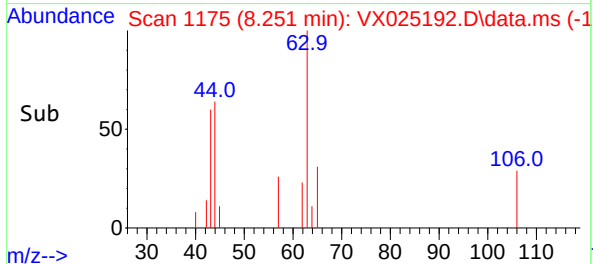
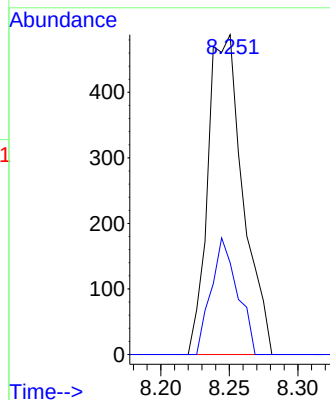
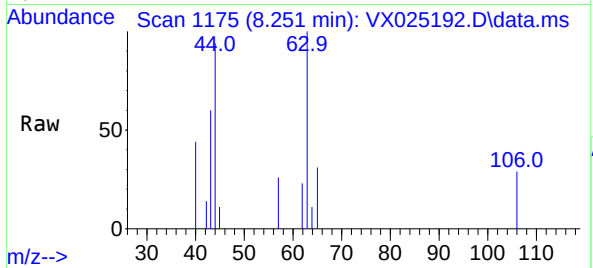
#58
2-Chloroethyl Vinyl ether
Concen: 0.908 ug/l
RT: 8.251 min Scan# 1175
Delta R.T. 0.006 min
Lab File: VX025192.D
Acq: 17 Nov 2021 17:24

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

Tgt Ion: 63 Resp: 864
Ion Ratio Lower Upper
63 100
106 27.4 22.8 34.2

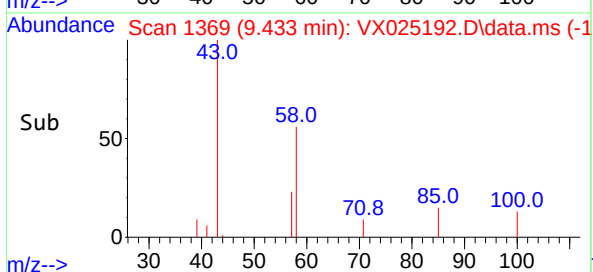
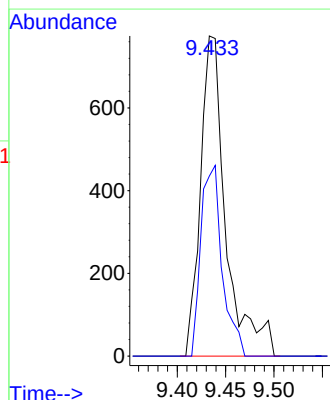
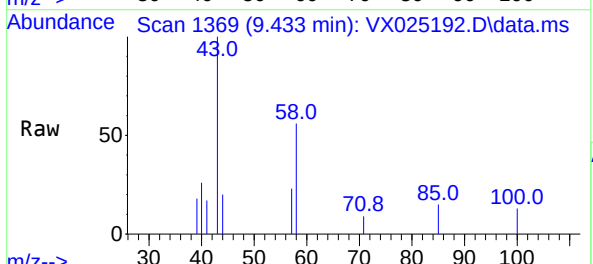
Manual Integrations
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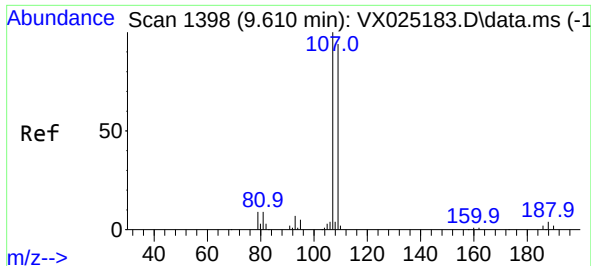
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#59
2-Hexanone
Concen: 0.941 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX025192.D
Acq: 17 Nov 2021 17:24

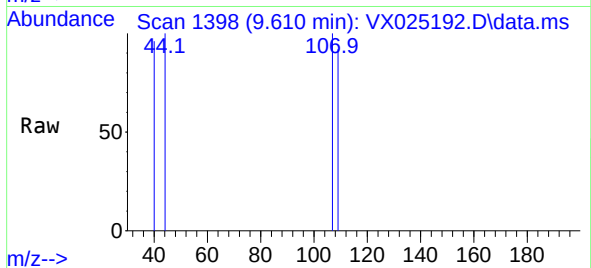
Tgt Ion: 43 Resp: 1412
Ion Ratio Lower Upper
43 100
58 49.9 26.6 79.7





#61
1,2-Dibromoethane
Concen: 0.204 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX025192.D
Acq: 17 Nov 2021 17:24

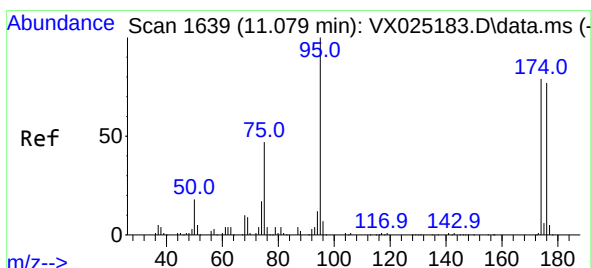
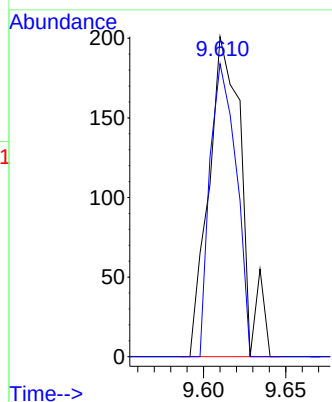
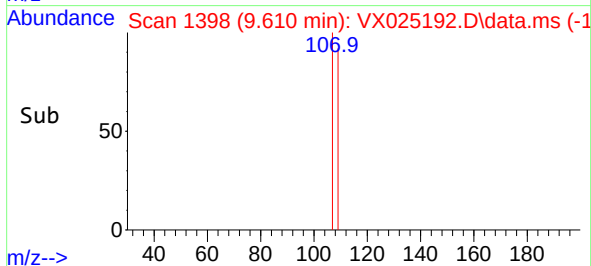
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



Tgt Ion:107 Resp: 278
Ion Ratio Lower Upper
107 100
109 73.4 74.4 111.6

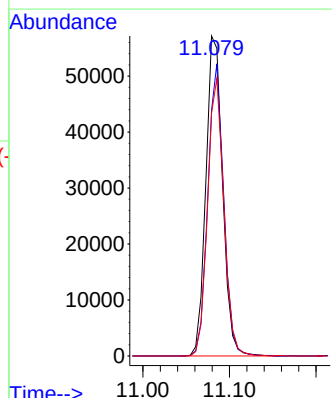
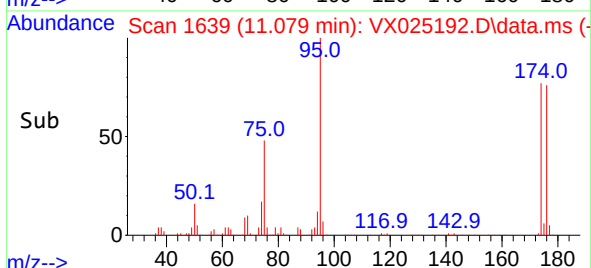
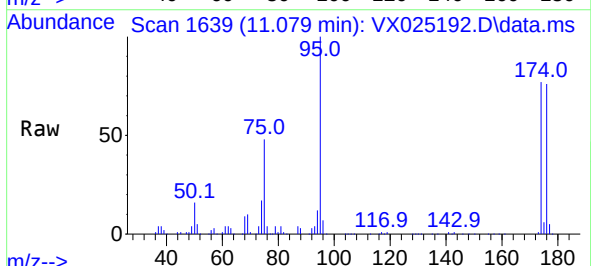
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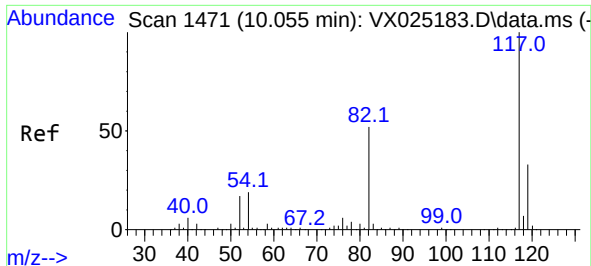
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#62
4-Bromofluorobenzene
Concen: 47.636 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX025192.D
Acq: 17 Nov 2021 17:24

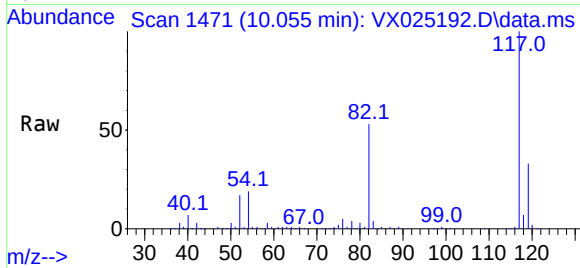
Tgt Ion: 95 Resp: 76404
Ion Ratio Lower Upper
95 100
174 87.1 0.0 158.0
176 84.4 0.0 153.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX025192.D
Acq: 17 Nov 2021 17:24

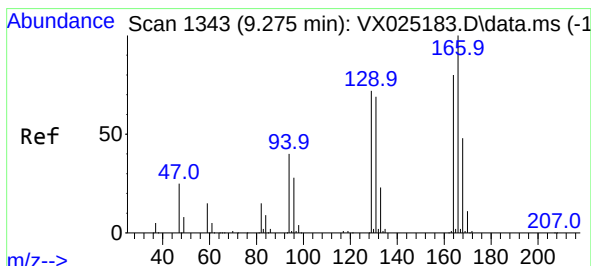
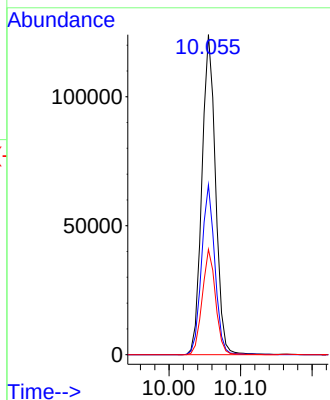
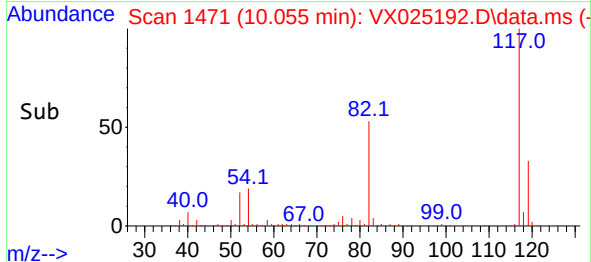
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



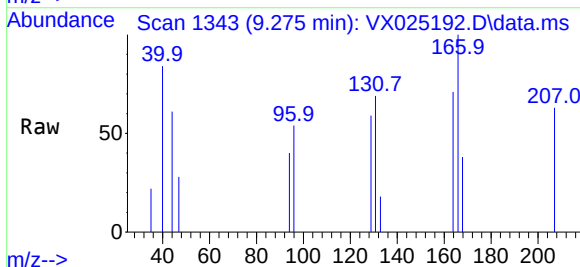
Tgt Ion:117 Resp: 164390
Ion Ratio Lower Upper
117 100
82 53.0 44.6 67.0
119 32.9 24.8 37.2

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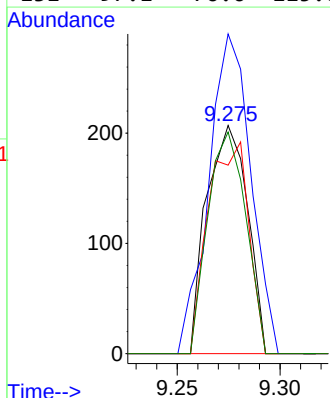
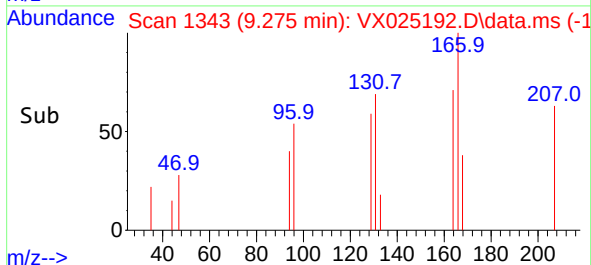
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

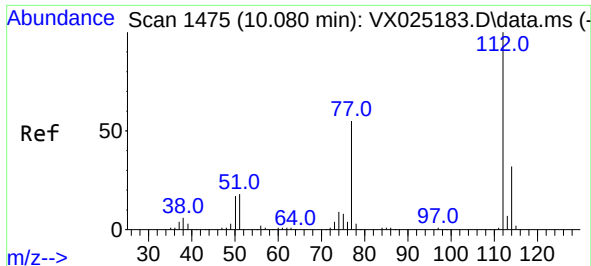


#64
Tetrachloroethene
Concen: 0.212 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX025192.D
Acq: 17 Nov 2021 17:24



Tgt Ion:164 Resp: 287
Ion Ratio Lower Upper
164 100
166 140.1 103.2 154.8
129 82.6 81.0 121.4
131 97.1 76.6 115.0





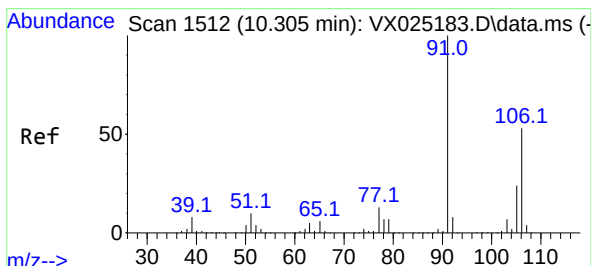
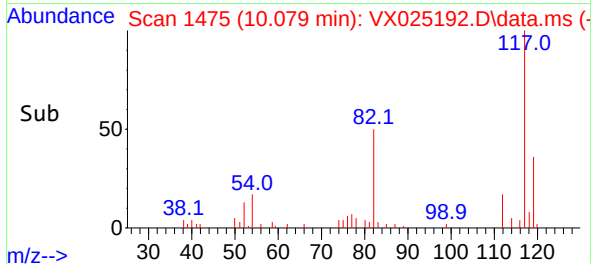
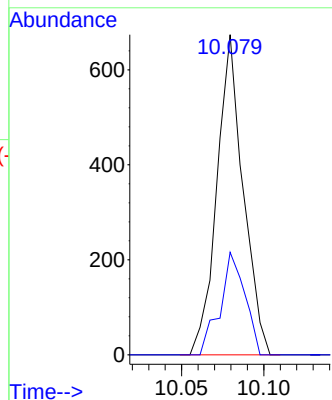
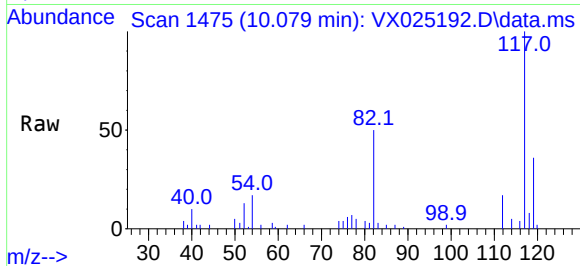
#65
Chlorobenzene
Concen: 0.223 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.001 min
Lab File: VX025192.D
Acq: 17 Nov 2021 17:24

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

Tgt Ion:112 Resp: 748
Ion Ratio Lower Upper
112 100
114 32.0 25.8 38.6

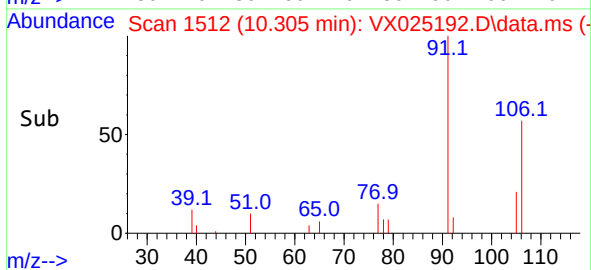
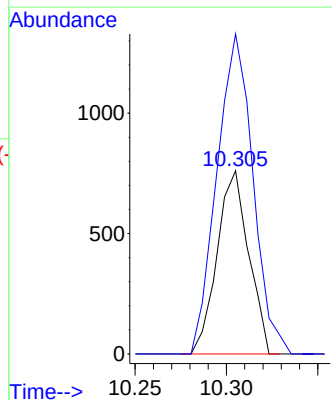
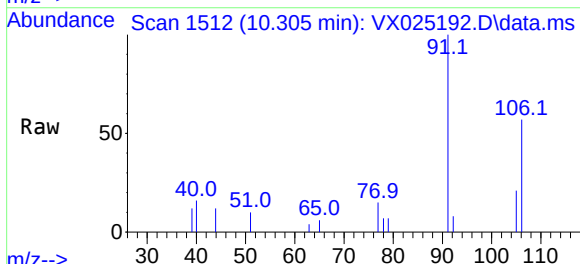
Manual Integrations
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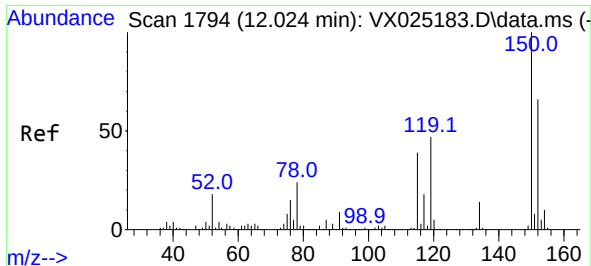
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#68
m/p-Xylenes
Concen: 0.386 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX025192.D
Acq: 17 Nov 2021 17:24

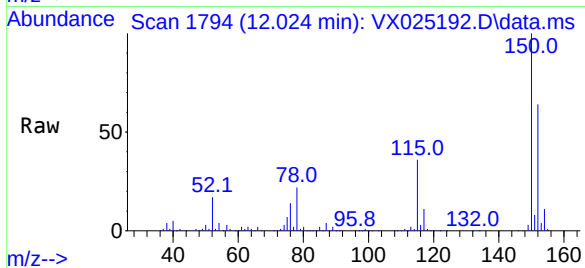
Tgt Ion:106 Resp: 913
Ion Ratio Lower Upper
106 100
91 199.7 163.4 245.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX025192.D
Acq: 17 Nov 2021 17:24

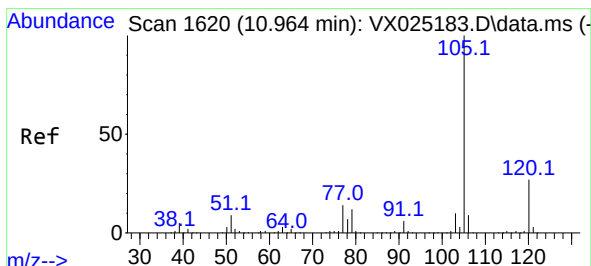
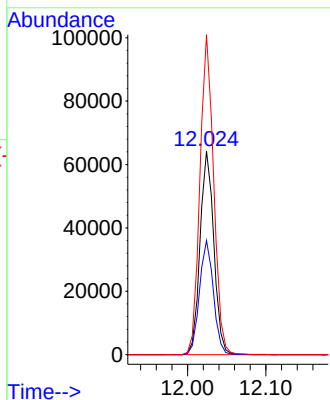
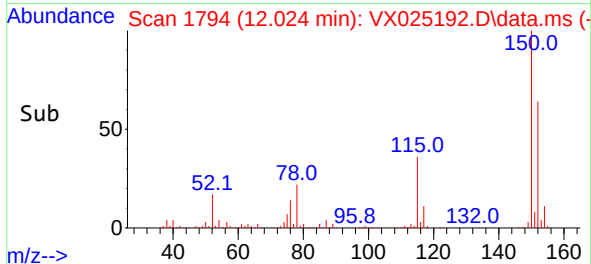
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



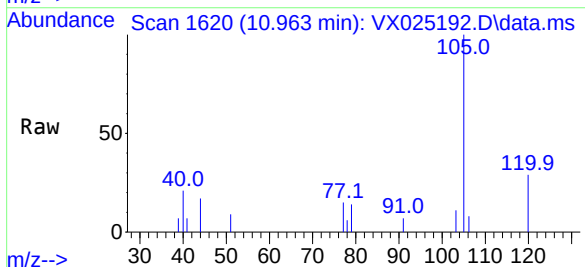
Tgt Ion:152 Resp: 7852
Ion Ratio Lower Upper
152 100
115 56.6 43.3 129.8
150 156.4 0.0 351.2

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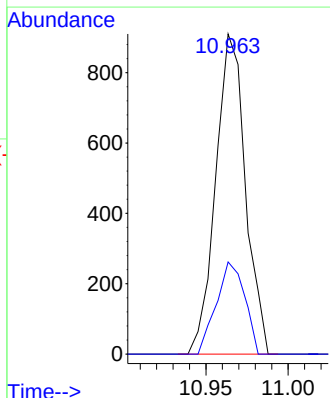
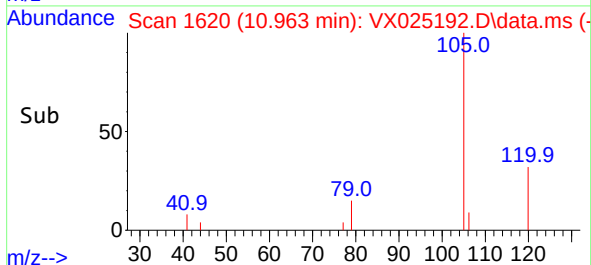
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

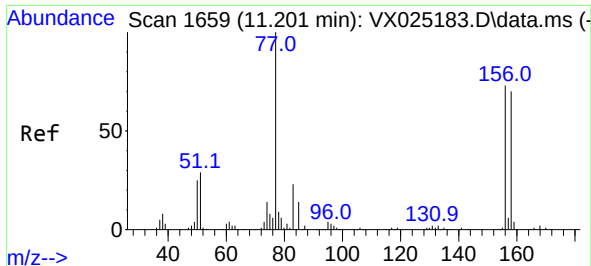


#73
Isopropylbenzene
Concen: 0.204 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.001 min
Lab File: VX025192.D
Acq: 17 Nov 2021 17:24



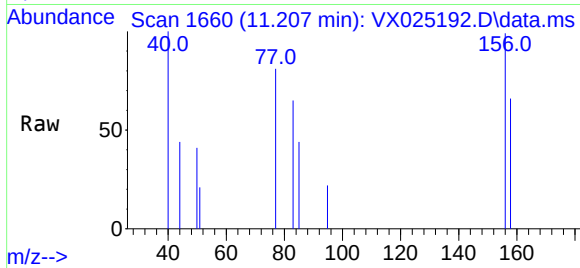
Tgt Ion:105 Resp: 1143
Ion Ratio Lower Upper
105 100
120 27.4 13.3 39.8





#77
Bromobenzene
Concen: 0.211 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. 0.006 min
Lab File: VX025192.D
Acq: 17 Nov 2021 17:24

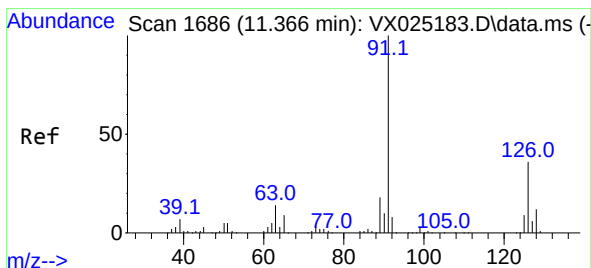
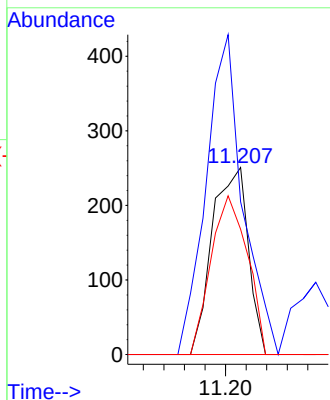
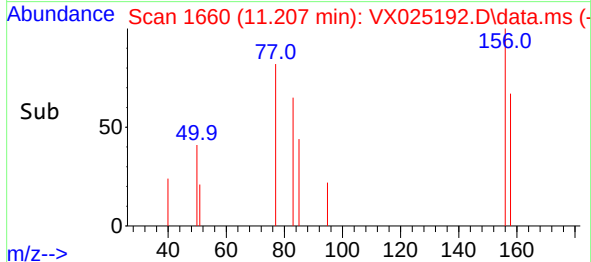
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



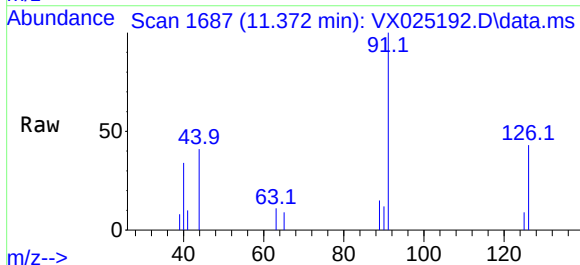
Tgt Ion:156 Resp: 304
Ion Ratio Lower Upper
156 100
77 175.7 78.3 234.8
158 86.5 48.9 146.6

Manual Integrations
APPROVED

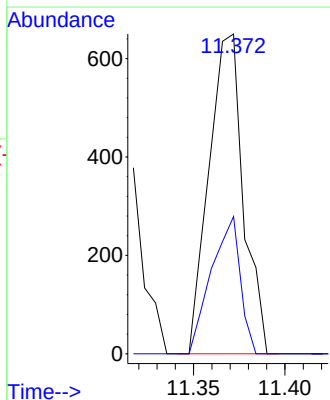
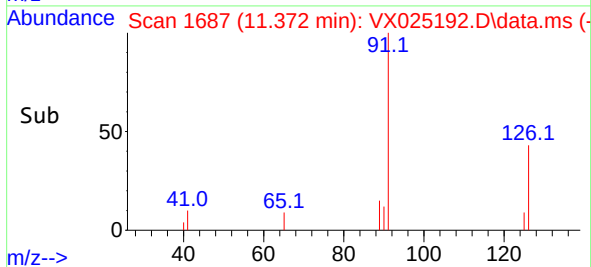
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

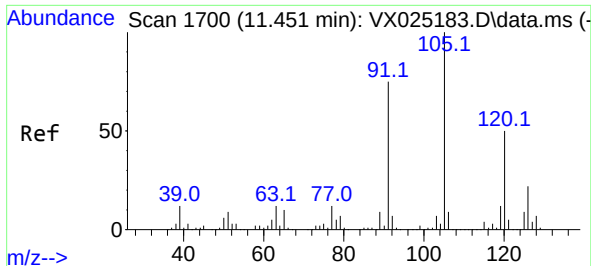


#79
2-Chlorotoluene
Concen: 0.223 ug/l
RT: 11.372 min Scan# 1687
Delta R.T. 0.006 min
Lab File: VX025192.D
Acq: 17 Nov 2021 17:24



Tgt Ion: 91 Resp: 851
Ion Ratio Lower Upper
91 100
126 36.1 17.0 50.9





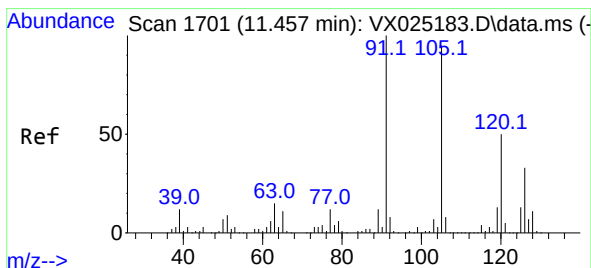
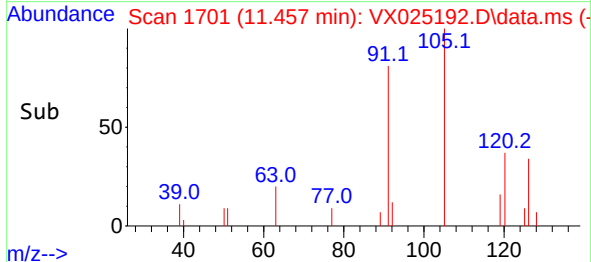
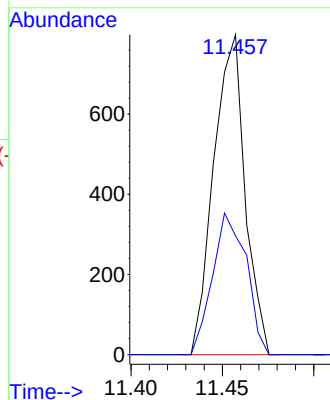
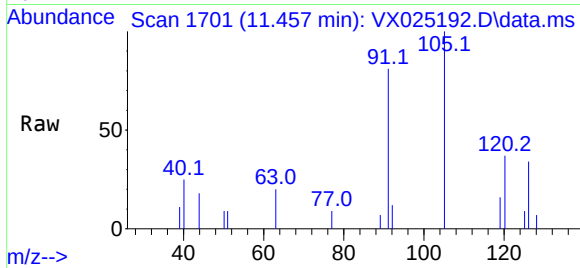
#80
1,3,5-Trimethylbenzene
Concen: 0.202 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX025192.D
Acq: 17 Nov 2021 17:24

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

Tgt Ion:105 Resp: 95
Ion Ratio Lower Upper
105 100
120 47.6 23.8 71.5

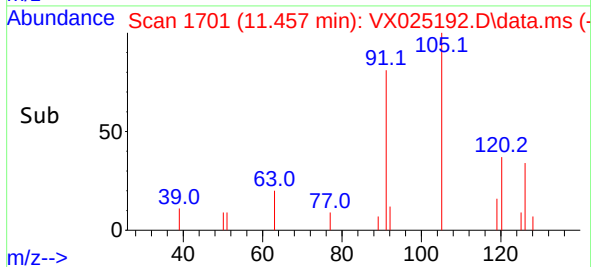
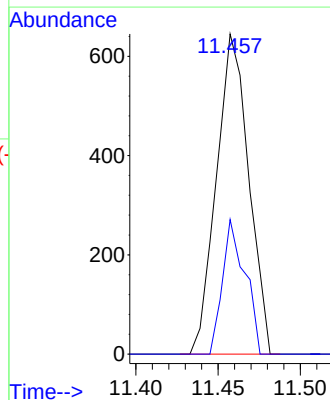
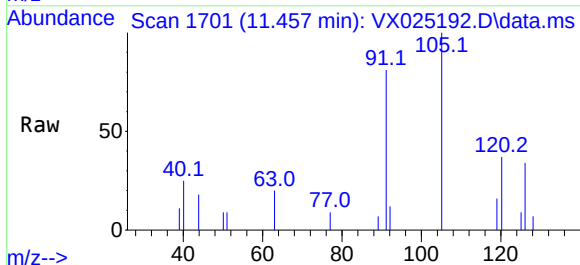
Manual Integrations
APPROVED

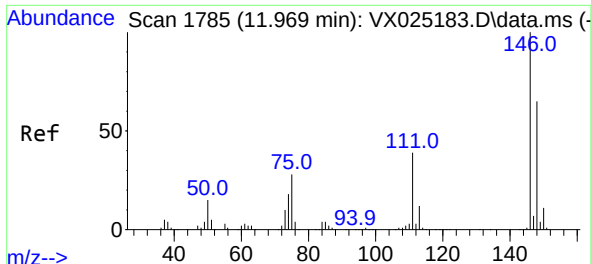
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#82
4-Chlorotoluene
Concen: 0.202 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX025192.D
Acq: 17 Nov 2021 17:24

Tgt Ion: 91 Resp: 881
Ion Ratio Lower Upper
91 100
126 29.3 14.9 44.5





#87

1,3-Dichlorobenzene

Concen: 0.228 ug/l

RT: 11.975 min Scan# 1785

Delta R.T. 0.006 min

Lab File: VX025192.D

Acq: 17 Nov 2021 17:24

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2021

Tgt Ion:146 Resp: 612

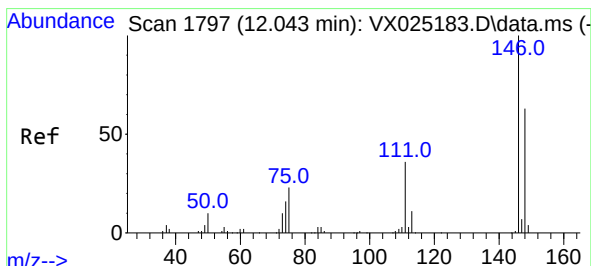
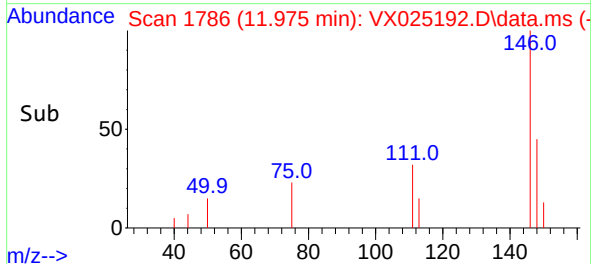
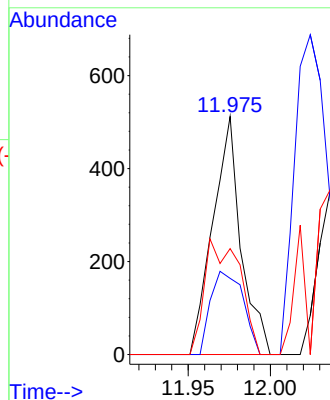
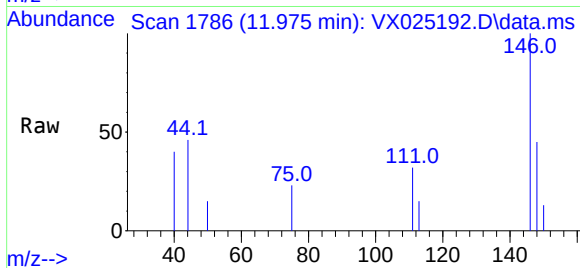
Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.6	61.9
148	60.6	32.0	96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2021

Supervised By :Mahesh Dadoda 11/18/2021



#88

1,4-Dichlorobenzene

Concen: 0.274 ug/l m

RT: 12.043 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX025192.D

Acq: 17 Nov 2021 17:24

Tgt Ion:146 Resp: 745

Ion	Ratio	Lower	Upper
146	100		
111	32.9	20.4	61.3
148	49.8	32.4	97.0

