

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111821\
 Data File : VX025204.D
 Acq On : 18 Nov 2021 11:11
 Operator : JC/MD
 Sample : M4068-09 .2PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT4-2021

Quant Time: Nov 19 08:20:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 19 08:20:33 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

11/19/2021
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	117931	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	182061	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	161583	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	75550	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.958	65	64215	51.658	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.320%	
35) Dibromofluoromethane	5.385	113	57661	51.618	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.240%	
50) Toluene-d8	8.647	98	208769	49.707	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.420%	
62) 4-Bromofluorobenzene	11.079	95	73444	46.223	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 92.440%	

Target Compounds

						Qvalue
3) Chloromethane	1.294	50	388	0.307	ug/l #	71
5) Bromomethane	1.605	94	731	1.223	ug/l	83
6) Chloroethane	1.679	64	610	0.636	ug/l #	43
7) Trichlorofluoromethane	1.886	101	425	0.206	ug/l #	82
10) Methyl Iodide	2.453	142	508	0.370	ug/l #	76
11) Tert butyl alcohol	2.947	59	1657	4.949	ug/l #	76
13) Acrolein	2.221	56	222	3.898	ug/l #	2
14) Allyl chloride	2.660	41	596	0.301	ug/l #	83
15) Acrylonitrile	3.075	53	620	0.929	ug/l	96
16) Acetone	2.386	43	1343	1.944	ug/l	96
17) Carbon Disulfide	2.520	76	914	0.297	ug/l #	83
18) Methyl Acetate	2.703	43	588	0.266	ug/l #	61
20) Methylene Chloride	2.800	84	457	0.352	ug/l #	58
23) Vinyl Acetate	3.727	43	2603	0.860	ug/l #	93
25) 2-Butanone	4.568	43	1256	1.258	ug/l #	75
26) 2,2-Dichloropropane	4.489	77	385	0.206	ug/l #	53
29) Tetrahydrofuran	5.019	42	441	0.713	ug/l #	54
30) Chloroform	5.086	83	456	0.213	ug/l #	64
37) Ethyl Acetate	4.733	43	428	0.237	ug/l #	68
41) Methacrylonitrile	4.928	41	207	0.206	ug/l #	45
42) 1,2-Dichloroethane	6.098	62	444	0.284	ug/l #	77
43) Isopropyl Acetate	6.361	43	716	0.238	ug/l #	65
48) Methyl methacrylate	7.708	41	363	0.257	ug/l #	67
49) 1,4-Dioxane	7.684	88	41	1.375	ug/l #	70
51) 4-Methyl-2-Pentanone	8.580	43	1701	0.902	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	250	0.200	ug/l #	67
58) 2-Chloroethyl Vinyl ether	8.251	63	711	0.754	ug/l	100
59) 2-Hexanone	9.433	43	1423	0.957	ug/l	88
64) Tetrachloroethene	9.275	164	296	0.222	ug/l #	79
67) Ethyl Benzene	10.195	91	1214	0.213	ug/l	95
68) m/p-Xylenes	10.305	106	801	0.345	ug/l	99
73) Isopropylbenzene	10.963	105	1138	0.211	ug/l	97
76) 1,2,3-Trichloropropane	11.250	75	360m	0.233	ug/l	
77) Bromobenzene	11.201	156	296	0.214	ug/l	95
80) 1,3,5-Trimethylbenzene	11.457	105	949	0.210	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	549	0.213	ug/l	97

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Instrument :
MSVOA_X
ClientSampleId :
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Dadoda

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) 1,4-Dichlorobenzene	12.043	146	706m	0.270	ug/l	

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

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Instrument :
MSVOA_X
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MDL-WATER-03-QT4-2021

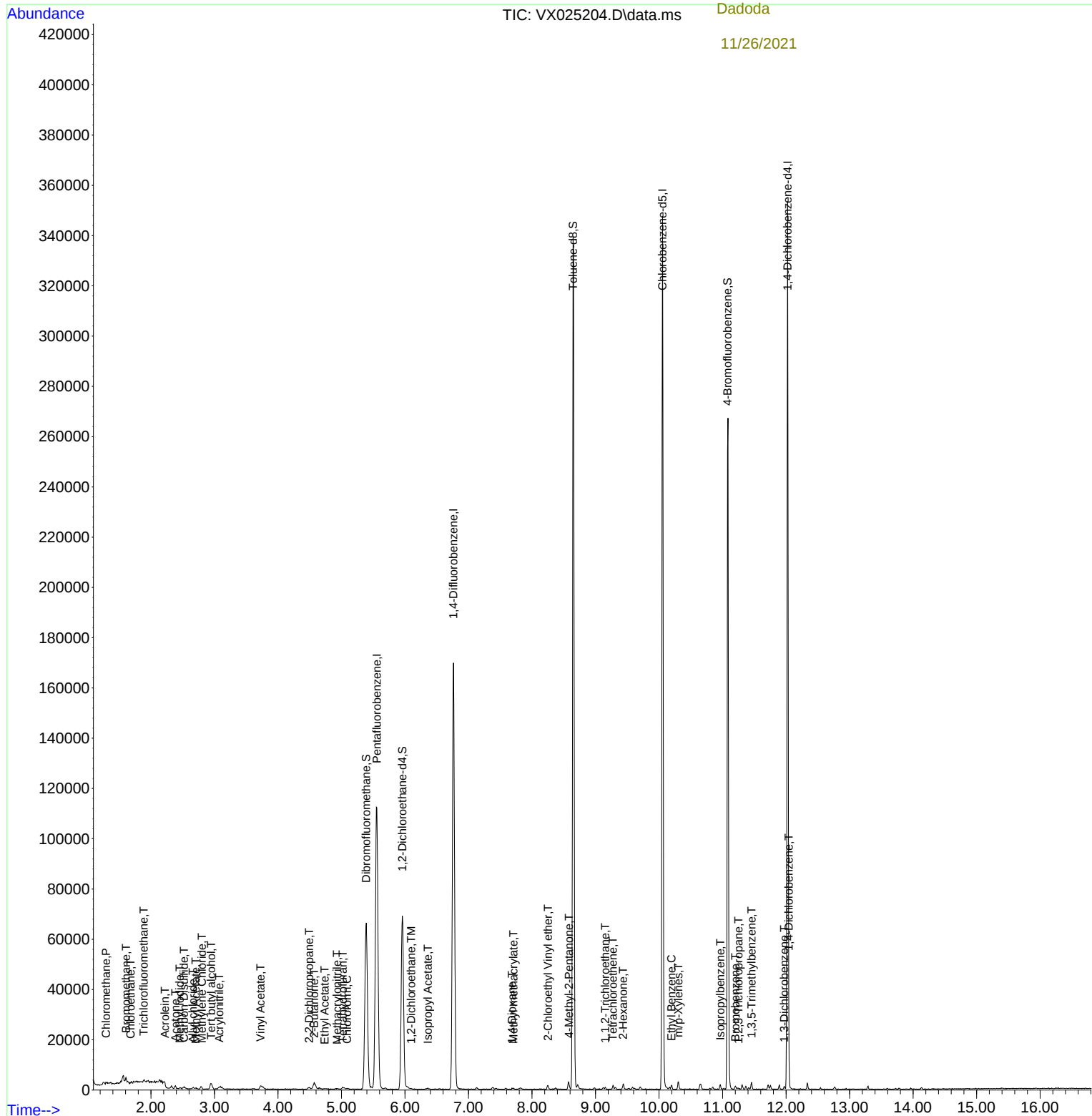
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
Quant Title : SW846 8260
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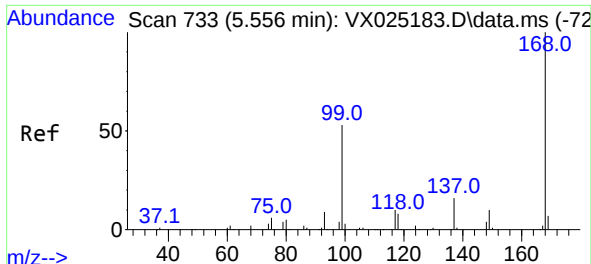
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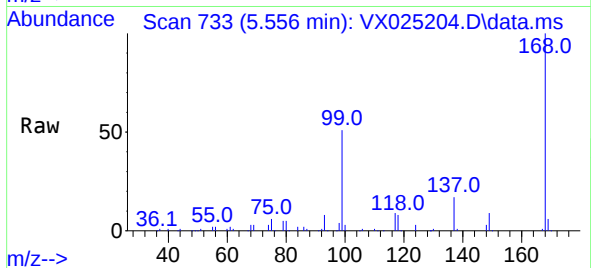
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025204.D
Acq: 18 Nov 2021 11:11

Instrument : MSVOA_X
Client SampleId : MDL-WATER-03-QT4-2021



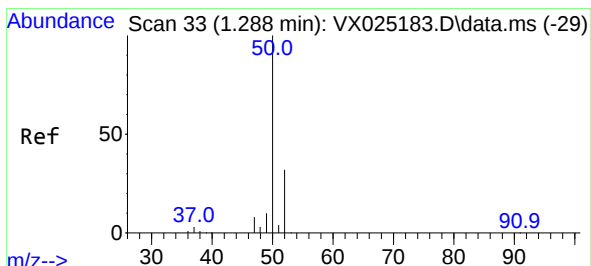
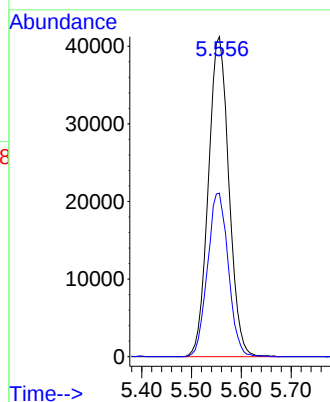
Tgt Ion:168 Resp: 11793
Ion Ratio Lower Upper
168 100
99 51.1 46.4 69.6

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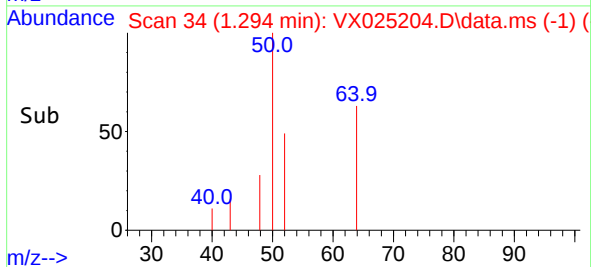
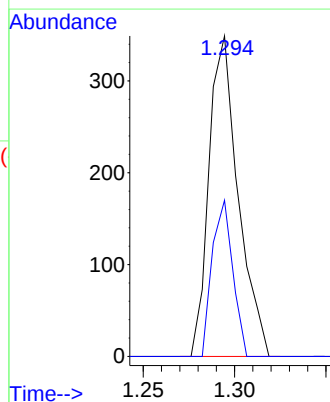
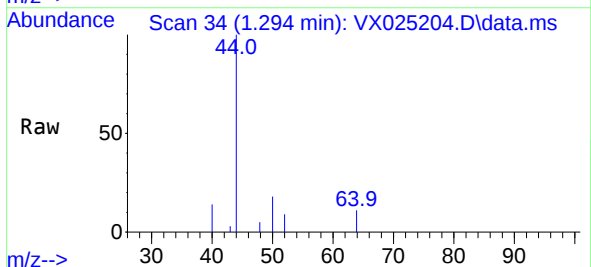
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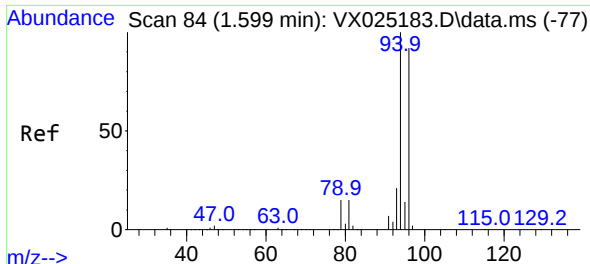
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#3
Chloromethane
Concen: 0.307 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX025204.D
Acq: 18 Nov 2021 11:11

Tgt Ion: 50 Resp: 388
Ion Ratio Lower Upper
50 100
52 48.7 25.9 38.9#





#5
Bromomethane
Concen: 1.223 ug/l
RT: 1.605 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX025204.D
Acq: 18 Nov 2021 11:11

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2021

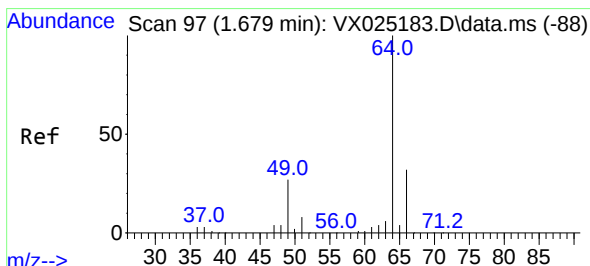
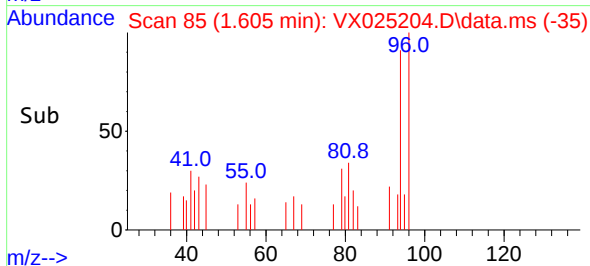
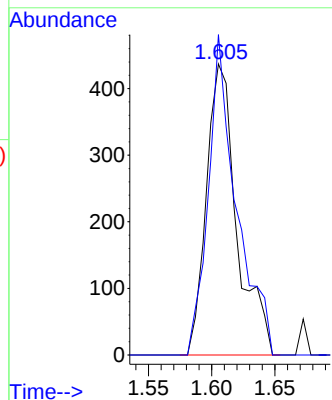
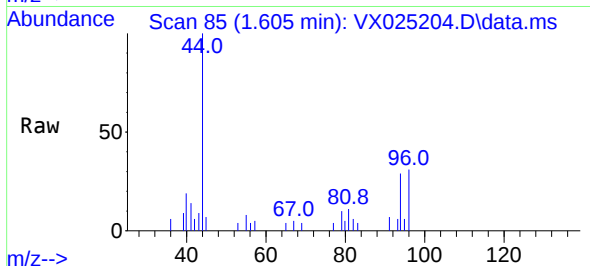
Tgt Ion: 94 Resp: 73
Ion Ratio Lower Upper
94 100
96 110.1 74.8 112.2

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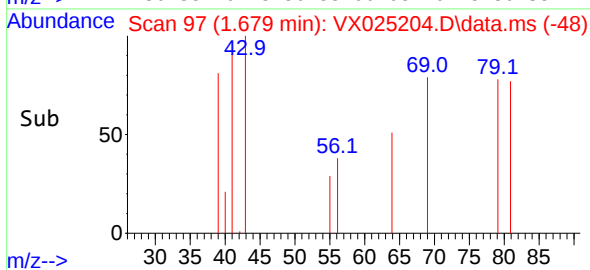
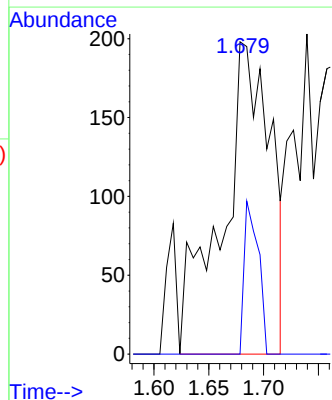
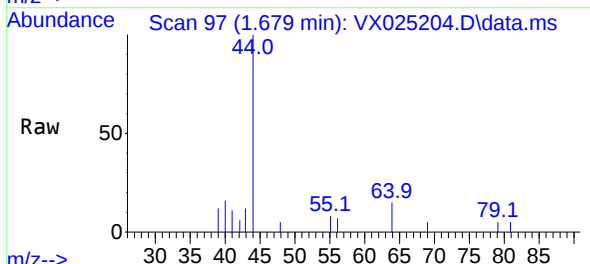
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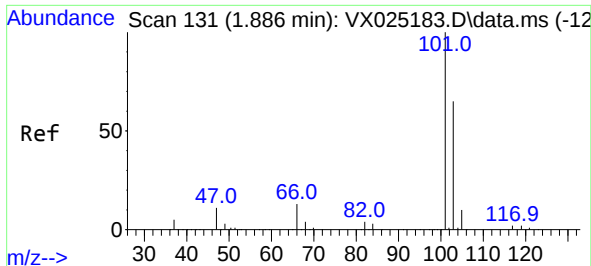
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#6
Chloroethane
Concen: 0.636 ug/l
RT: 1.679 min Scan# 97
Delta R.T. -0.000 min
Lab File: VX025204.D
Acq: 18 Nov 2021 11:11

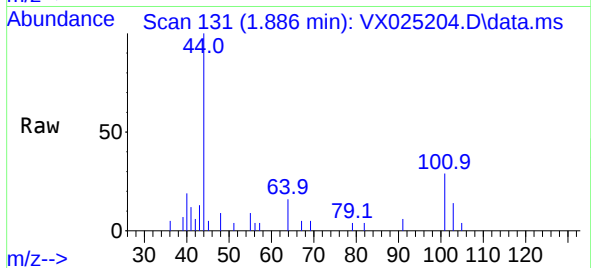
Tgt Ion: 64 Resp: 610
Ion Ratio Lower Upper
64 100
66 0.0 25.6 38.4#





#7
Trichlorofluoromethane
Concen: 0.206 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025204.D
Acq: 18 Nov 2021 11:11

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2021



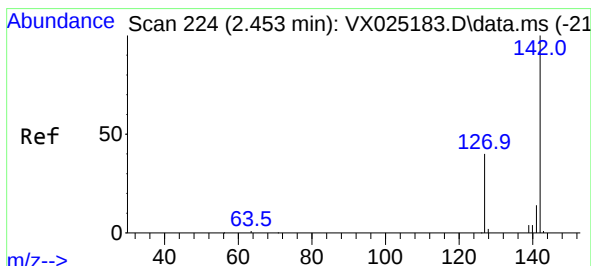
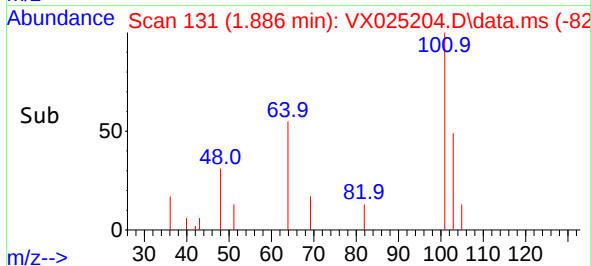
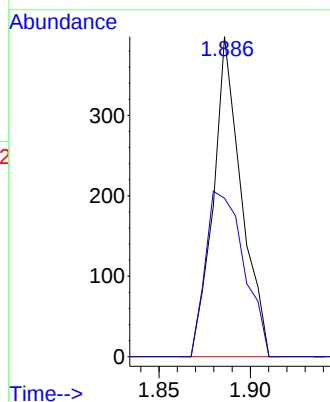
Tgt Ion:101 Resp: 425
Ion Ratio Lower Upper
101 100
103 49.5 51.0 76.6

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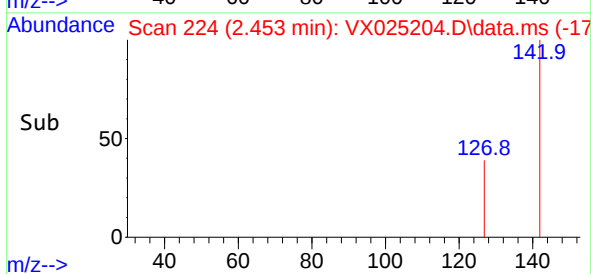
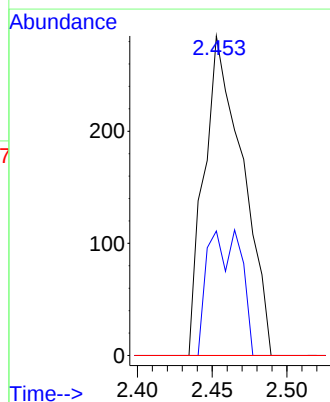
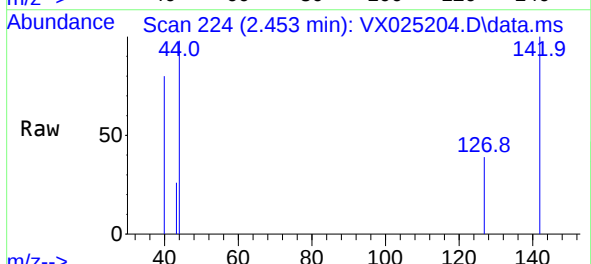
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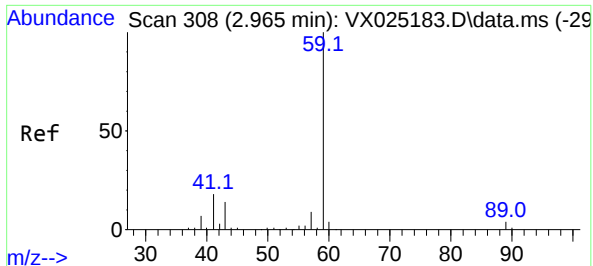
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#10
Methyl Iodide
Concen: 0.370 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX025204.D
Acq: 18 Nov 2021 11:11

Tgt Ion:142 Resp: 508
Ion Ratio Lower Upper
142 100
127 34.3 38.9 58.3#
141 0.0 11.7 17.5#





#11

Tert butyl alcohol

Concen: 4.949 ug/l

RT: 2.947 min Scan# 308

Delta R.T. -0.018 min

Lab File: VX025204.D

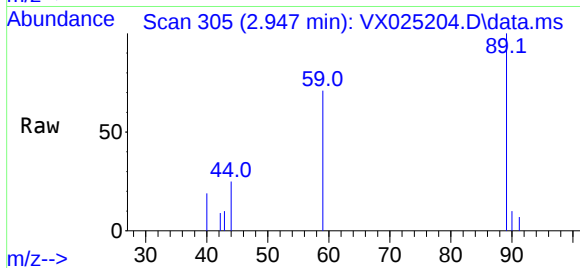
Acq: 18 Nov 2021 11:11

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2021



Tgt Ion: 59 Resp: 165

Ion Ratio Lower Upper

59 100

57 1.5 8.5 12.7

Manual Integrations

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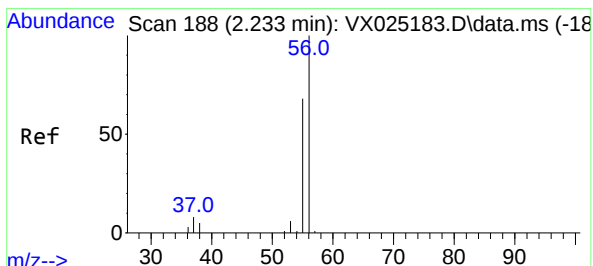
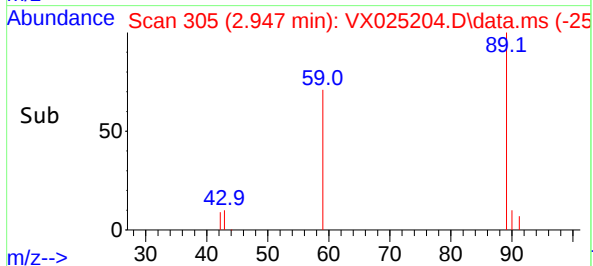
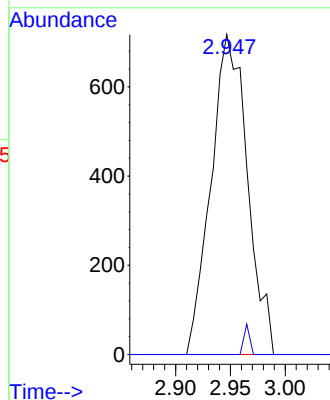
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#13

Acrolein

Concen: 3.898 ug/l

RT: 2.221 min Scan# 186

Delta R.T. -0.012 min

Lab File: VX025204.D

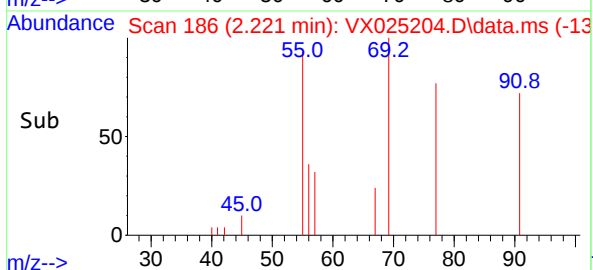
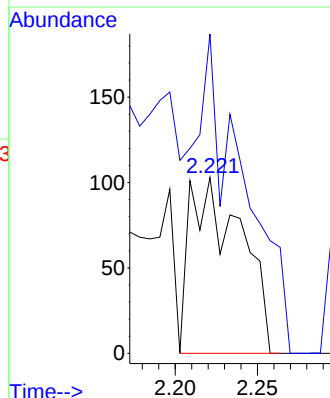
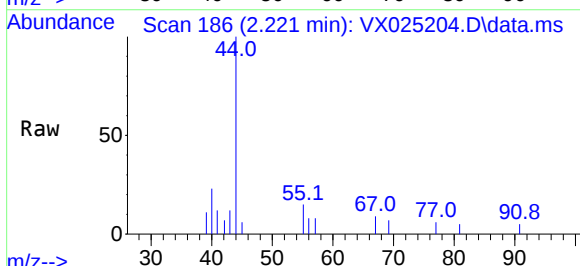
Acq: 18 Nov 2021 11:11

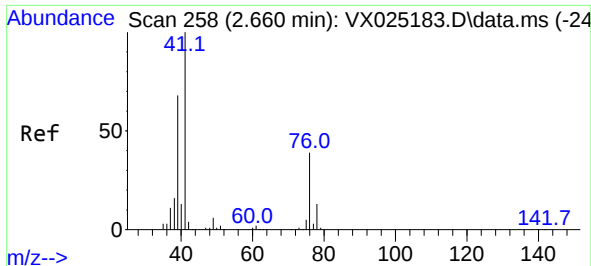
Tgt Ion: 56 Resp: 222

Ion Ratio Lower Upper

56 100

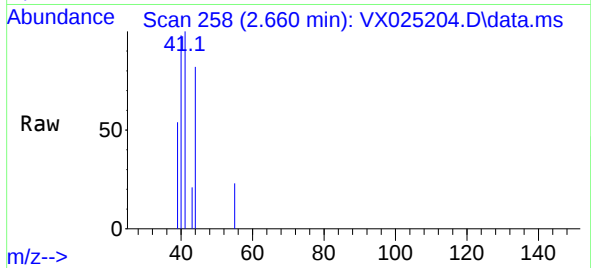
55 155.4 58.6 87.8





#14
 Allyl chloride
 Concen: 0.301 ug/l
 RT: 2.660 min Scan# 258
 Delta R.T. 0.000 min
 Lab File: VX025204.D
 Acq: 18 Nov 2021 11:11

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT4-2021



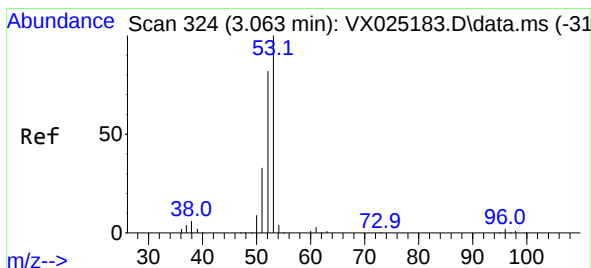
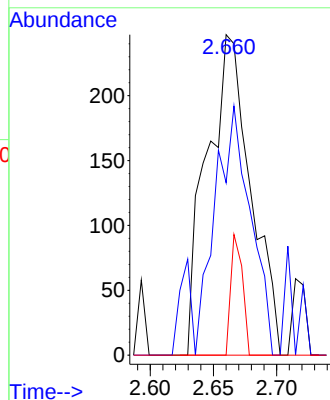
Tgt Ion: 41 Resp: 590
 Ion Ratio Lower Upper
 41 100
 39 62.6 54.6 82.0
 76 9.9 25.3 37.9

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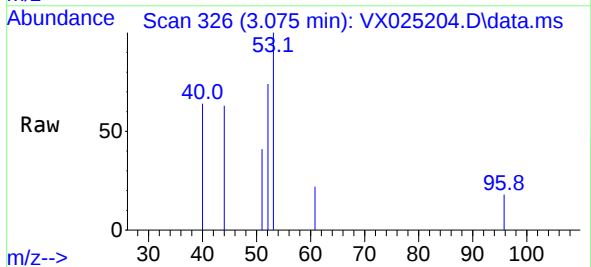
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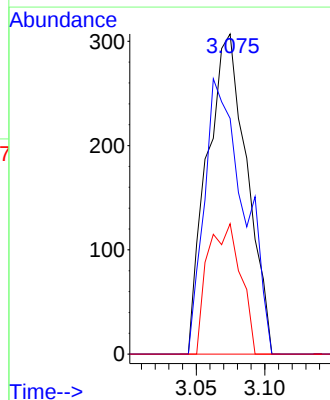
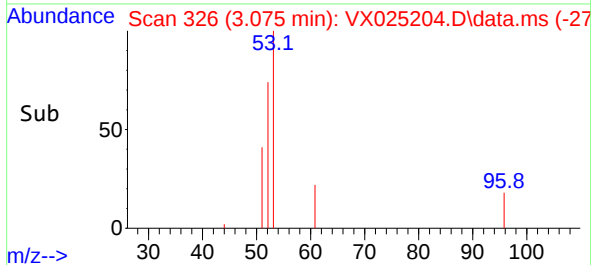
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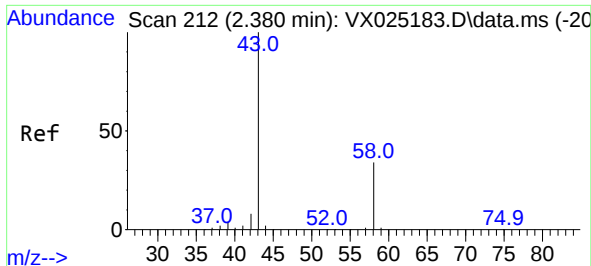


#15
 Acrylonitrile
 Concen: 0.929 ug/l
 RT: 3.075 min Scan# 326
 Delta R.T. 0.012 min
 Lab File: VX025204.D
 Acq: 18 Nov 2021 11:11



Tgt Ion: 53 Resp: 620
 Ion Ratio Lower Upper
 53 100
 52 85.5 66.2 99.4
 51 33.9 29.8 44.8





#16
Acetone
Concen: 1.944 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX025204.D
Acq: 18 Nov 2021 11:11

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2021

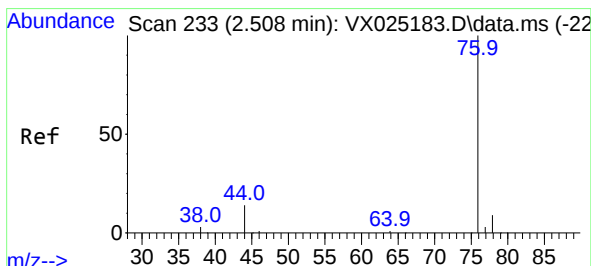
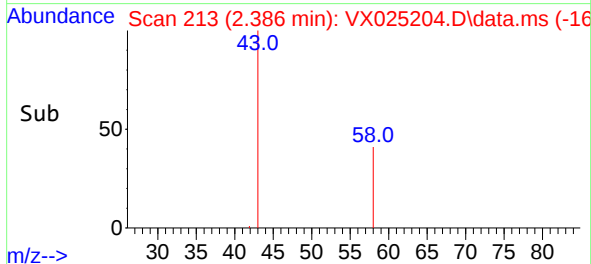
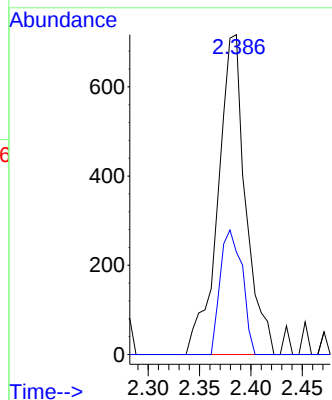
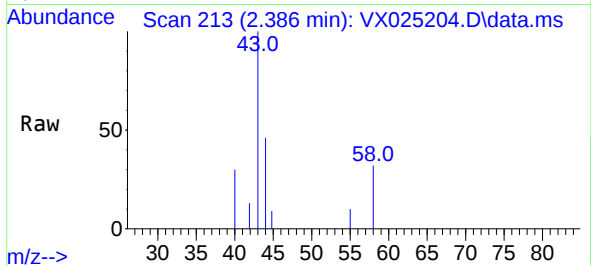
Tgt Ion: 43 Resp: 134
Ion Ratio Lower Upper
43 100
58 32.1 24.0 36.0

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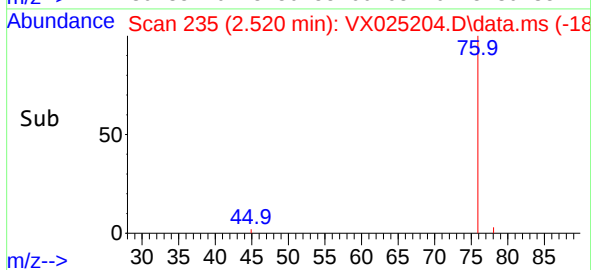
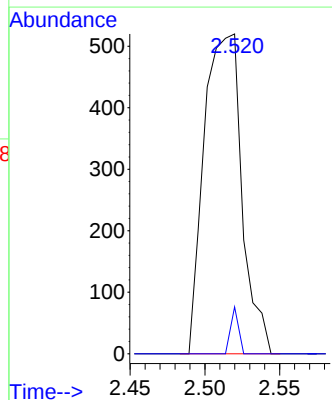
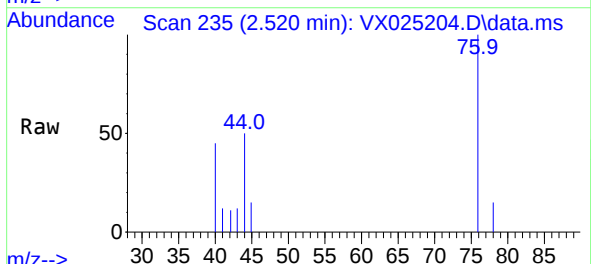
11/19/2021
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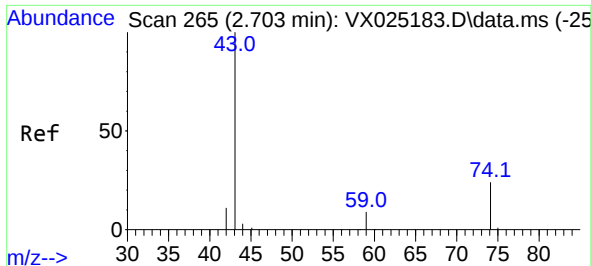
11/26/2021



#17
Carbon Disulfide
Concen: 0.297 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.012 min
Lab File: VX025204.D
Acq: 18 Nov 2021 11:11

Tgt Ion: 76 Resp: 914
Ion Ratio Lower Upper
76 100
78 14.6 6.9 10.3#





#18
Methyl Acetate
Concen: 0.266 ug/l
RT: 2.703 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX025204.D
Acq: 18 Nov 2021 11:11

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2021

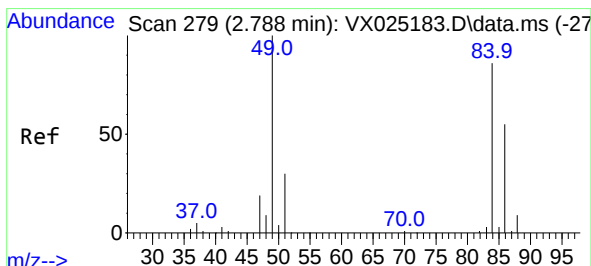
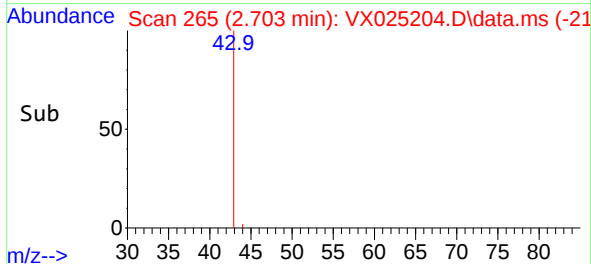
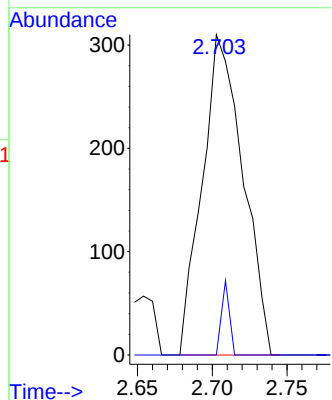
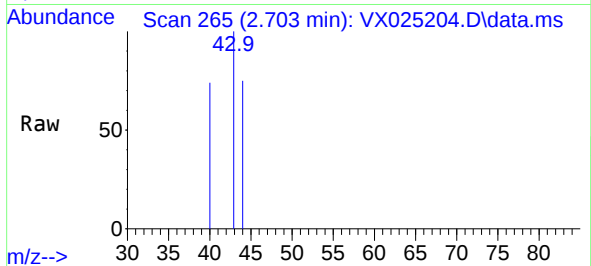
Tgt Ion: 43 Resp: 588
Ion Ratio Lower Upper
43 100
74 4.4 19.0 28.6

Manual Integrations
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Reviewed By :John
Carlone

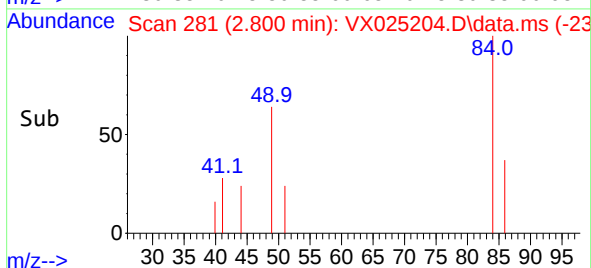
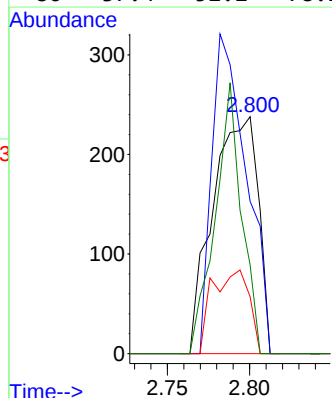
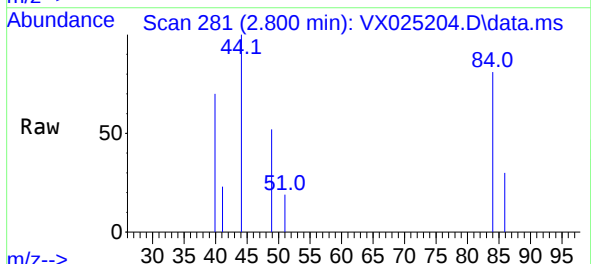
11/19/2021
Supervised By :Mahesh
Dadoda

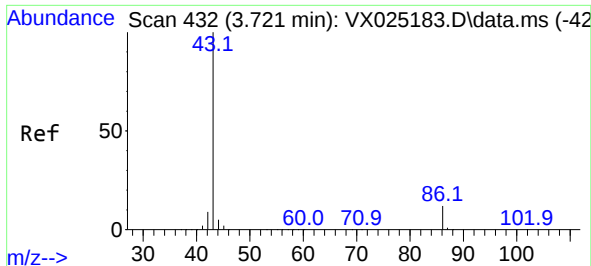
11/26/2021



#20
Methylene Chloride
Concen: 0.352 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.012 min
Lab File: VX025204.D
Acq: 18 Nov 2021 11:11

Tgt Ion: 84 Resp: 457
Ion Ratio Lower Upper
84 100
49 64.3 98.2 147.2#
51 23.9 30.2 45.4#
86 37.4 52.2 78.2#





#23
 Vinyl Acetate
 Concen: 0.860 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX025204.D
 Acq: 18 Nov 2021 11:11

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT4-2021

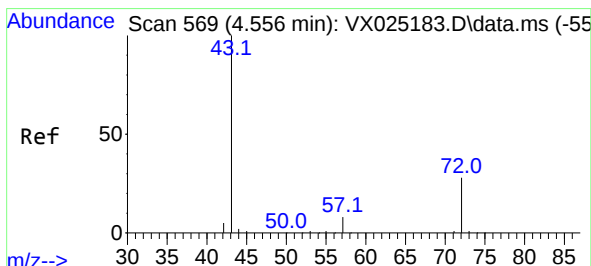
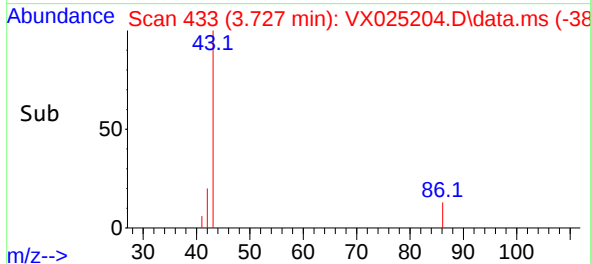
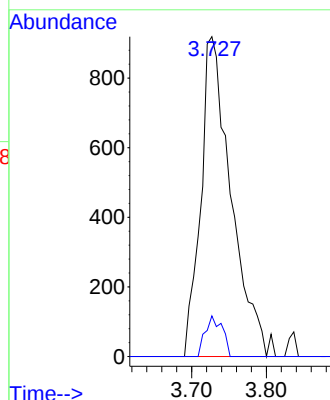
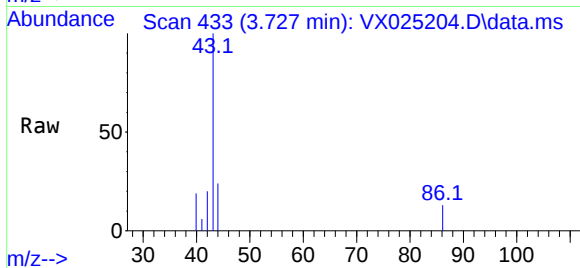
Tgt Ion: 43 Resp: 260
 Ion Ratio Lower Upper
 43 100
 86 12.7 8.2 12.4

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

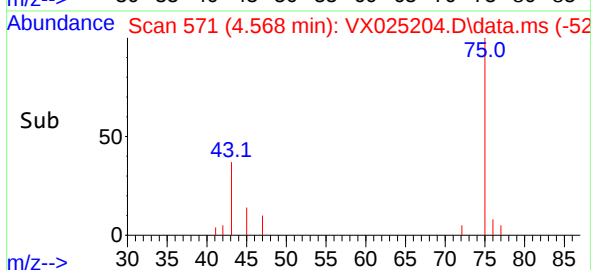
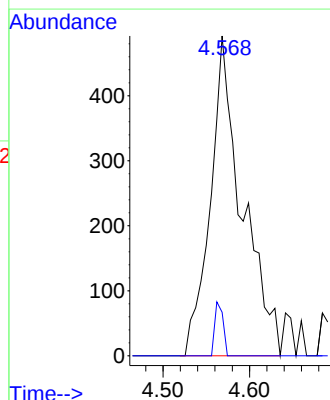
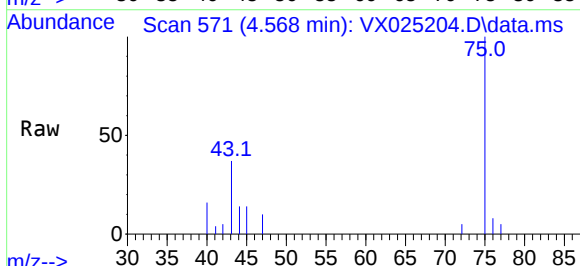
11/19/2021
 Supervised By :Mahesh
 Dadoda

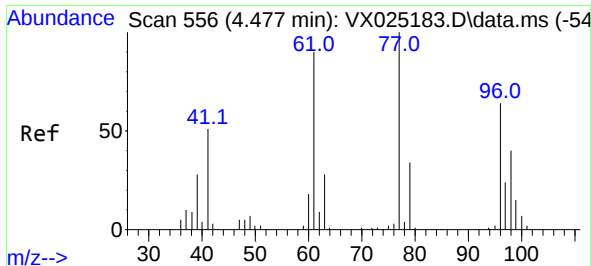
11/26/2021



#25
 2-Butanone
 Concen: 1.258 ug/l
 RT: 4.568 min Scan# 571
 Delta R.T. 0.012 min
 Lab File: VX025204.D
 Acq: 18 Nov 2021 11:11

Tgt Ion: 43 Resp: 1256
 Ion Ratio Lower Upper
 43 100
 72 13.6 21.2 31.8





#26

2,2-Dichloropropane

Concen: 0.206 ug/l

RT: 4.489 min Scan# 5

Delta R.T. 0.012 min

Lab File: VX025204.D

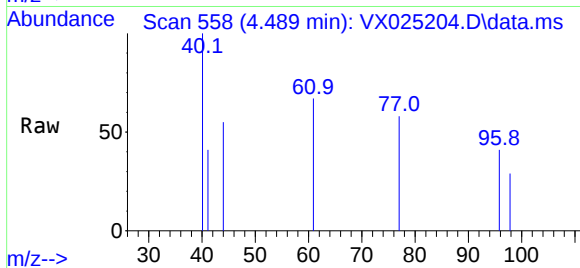
Acq: 18 Nov 2021 11:11

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2021



Tgt Ion: 77 Resp: 38

Ion Ratio Lower Upper

77 100

97 0.0 11.2 33.5

Manual Integrations

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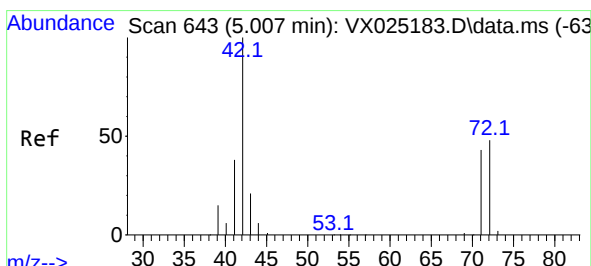
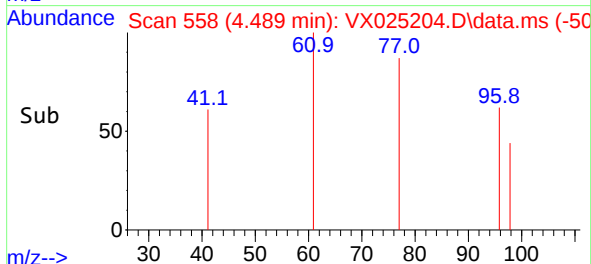
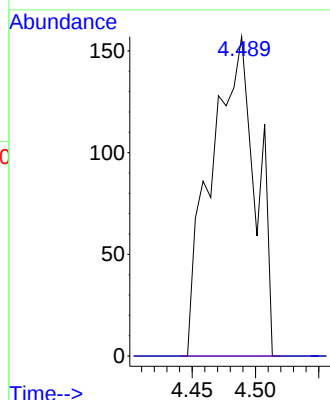
Reviewed By :John

Carlone

11/19/2021

Supervised By :Mahesh
Dadoda

11/26/2021



#29

Tetrahydrofuran

Concen: 0.713 ug/l

RT: 5.019 min Scan# 645

Delta R.T. 0.012 min

Lab File: VX025204.D

Acq: 18 Nov 2021 11:11

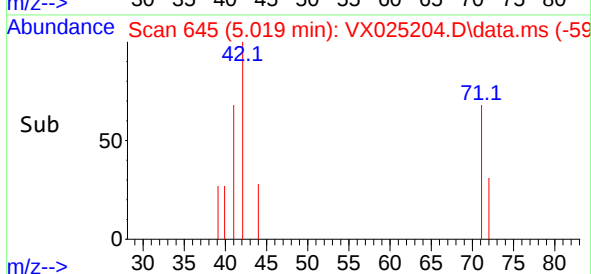
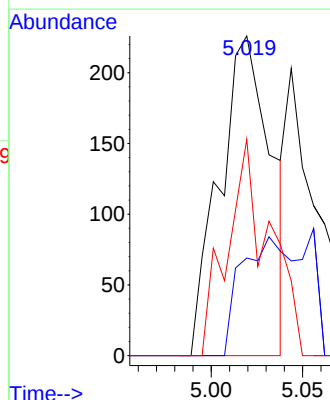
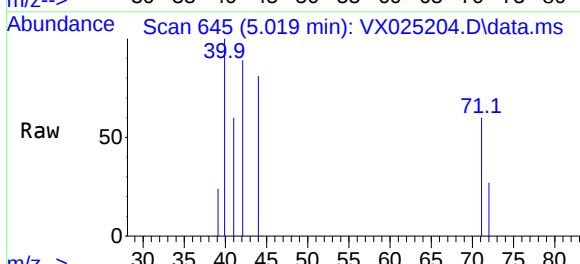
Tgt Ion: 42 Resp: 441

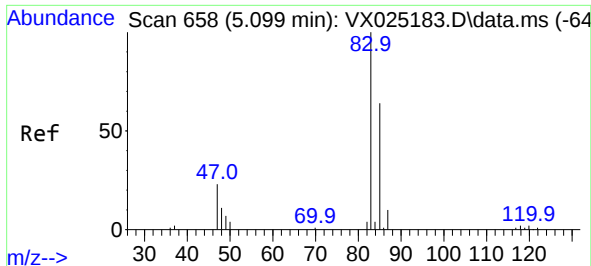
Ion Ratio Lower Upper

42 100

72 0.0 36.1 54.1#

71 56.0 33.7 50.5#





#30

Chloroform

Concen: 0.213 ug/l

RT: 5.086 min Scan# 658

Delta R.T. -0.013 min

Lab File: VX025204.D

Acq: 18 Nov 2021 11:11

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2021

Tgt Ion: 83 Resp: 450
 Ion Ratio Lower Upper
 83 100
 85 34.9 50.2 75.2

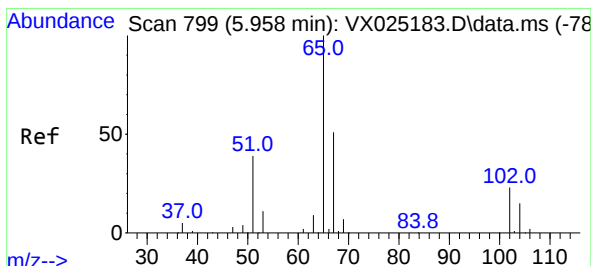
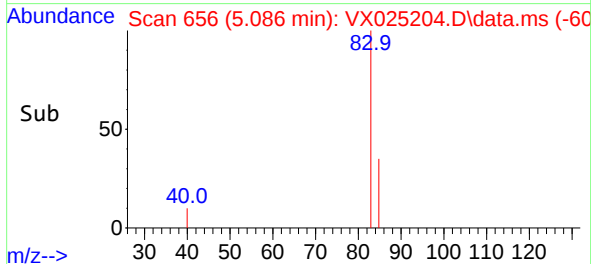
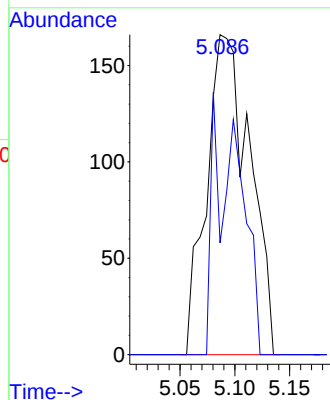
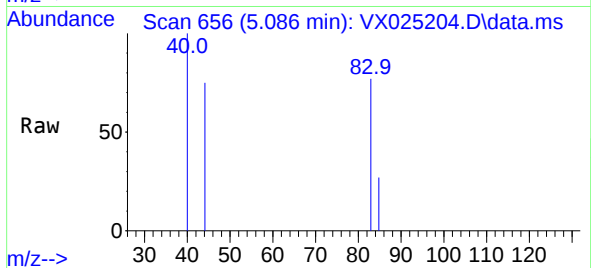
Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

11/19/2021

Supervised By :Mahesh
 Dadoda

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#33

1,2-Dichloroethane-d4

Concen: 51.658 ug/l

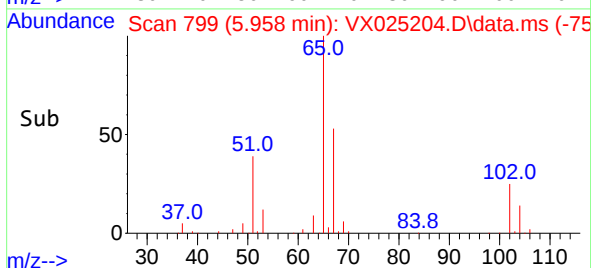
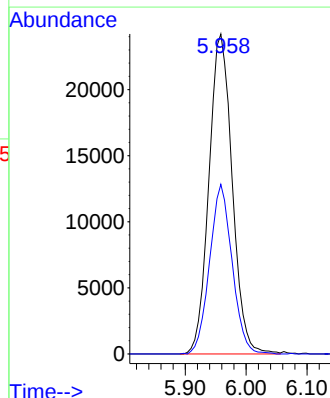
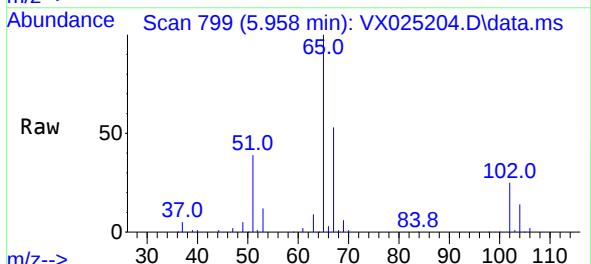
RT: 5.958 min Scan# 799

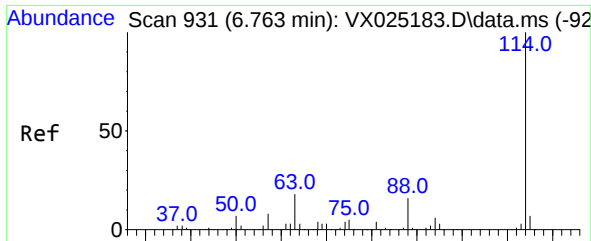
Delta R.T. 0.000 min

Lab File: VX025204.D

Acq: 18 Nov 2021 11:11

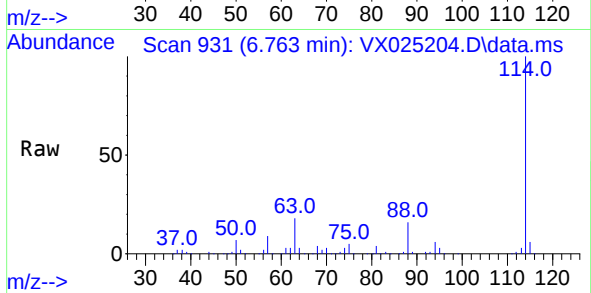
Tgt Ion: 65 Resp: 64215
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 101.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX025204.D
Acq: 18 Nov 2021 11:11

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2021



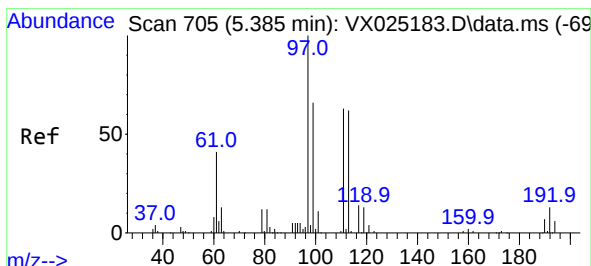
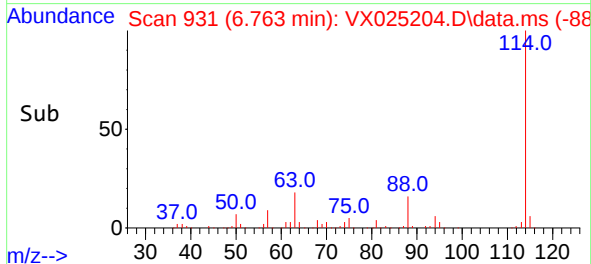
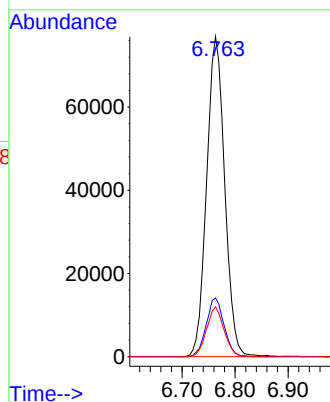
Tgt Ion:114 Resp: 182061
Ion Ratio Lower Upper
114 100
63 18.4 0.0 41.0
88 15.5 0.0 34.8

Manual Integrations
APPROVED

Reviewed By :John
Carlone

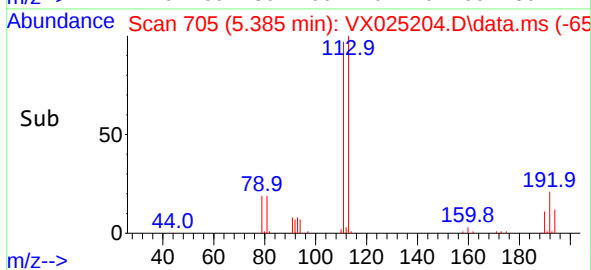
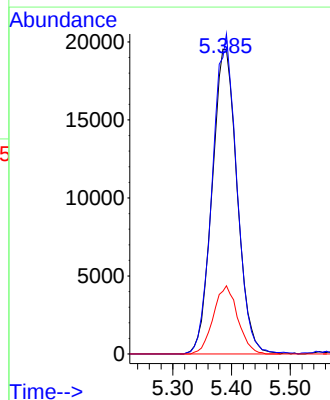
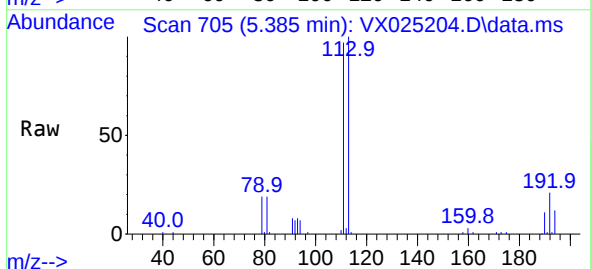
11/19/2021
Supervised By :Mahesh
Dadoda

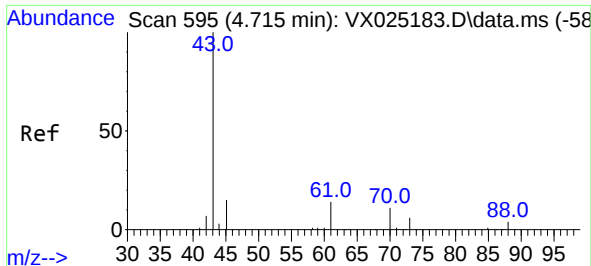
11/26/2021



#35
Dibromofluoromethane
Concen: 51.618 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX025204.D
Acq: 18 Nov 2021 11:11

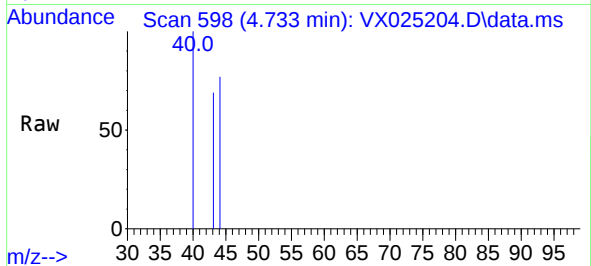
Tgt Ion:113 Resp: 57661
Ion Ratio Lower Upper
113 100
111 102.2 82.1 123.1
192 21.8 15.6 23.4





#37
Ethyl Acetate
Concen: 0.237 ug/l
RT: 4.733 min Scan# 598
Delta R.T. 0.018 min
Lab File: VX025204.D
Acq: 18 Nov 2021 11:11

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2021



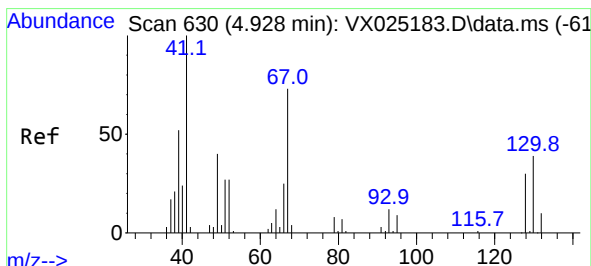
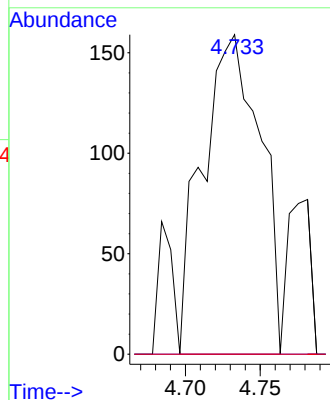
Tgt Ion: 43 Resp: 428
Ion Ratio Lower Upper
43 100
61 0.0 11.4 17.0#
70 0.0 8.6 12.8#

Manual Integrations
APPROVED

Reviewed By :John
Carlone

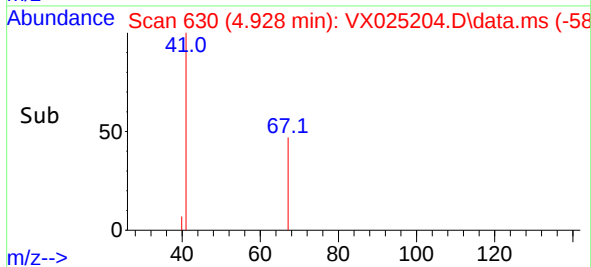
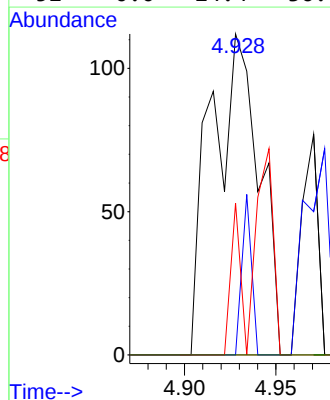
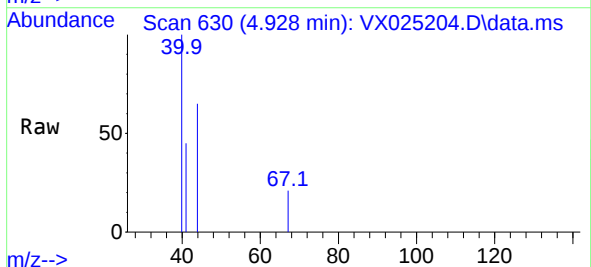
11/19/2021
Supervised By :Mahesh
Dadoda

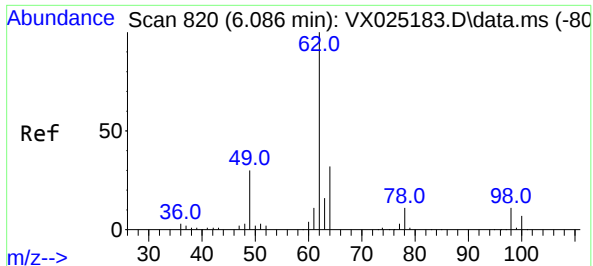
11/26/2021



#41
Methacrylonitrile
Concen: 0.206 ug/l
RT: 4.928 min Scan# 630
Delta R.T. -0.000 min
Lab File: VX025204.D
Acq: 18 Nov 2021 11:11

Tgt Ion: 41 Resp: 207
Ion Ratio Lower Upper
41 100
39 9.7 44.6 67.0#
67 31.9 56.7 85.1#
52 0.0 24.4 36.6#





#42

1,2-Dichloroethane

Concen: 0.284 ug/l

RT: 6.098 min Scan# 81

Delta R.T. 0.012 min

Lab File: VX025204.D

Acq: 18 Nov 2021 11:11

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2021

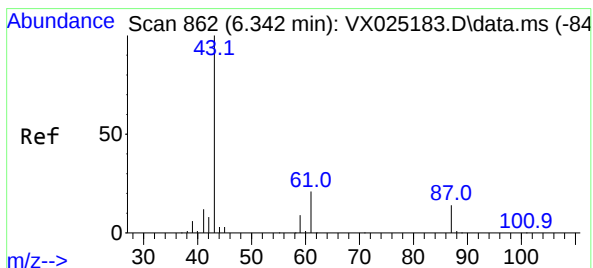
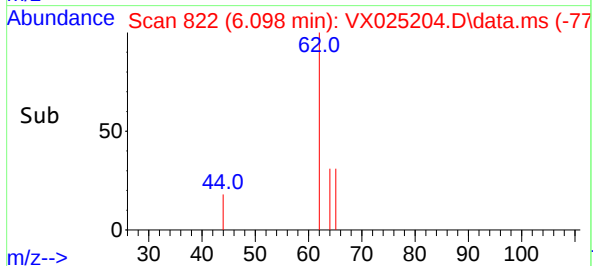
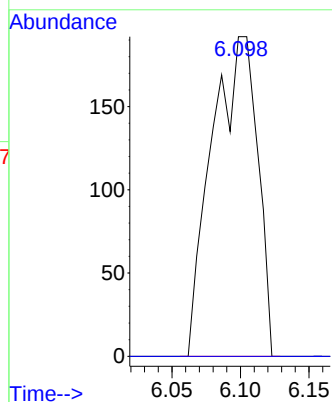
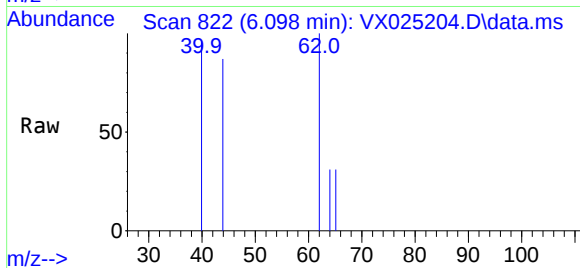
Tgt Ion: 62 Resp: 444
 Ion Ratio Lower Upper
 62 100
 98 0.0 0.0 16.0

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

11/19/2021
 Supervised By :Mahesh
 Dadoda

11/26/2021



#43

Isopropyl Acetate

Concen: 0.238 ug/l

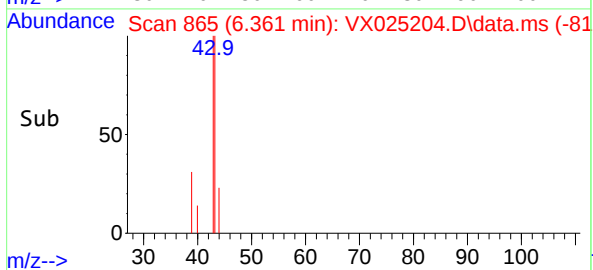
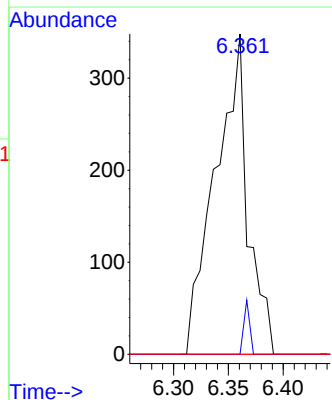
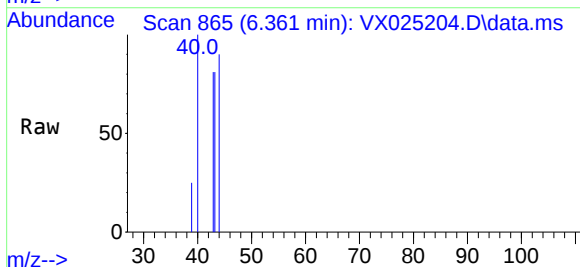
RT: 6.361 min Scan# 865

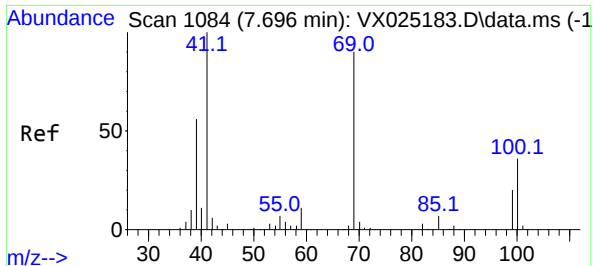
Delta R.T. 0.019 min

Lab File: VX025204.D

Acq: 18 Nov 2021 11:11

Tgt Ion: 43 Resp: 716
 Ion Ratio Lower Upper
 43 100
 61 3.1 15.3 22.9#
 87 0.0 10.9 16.3#





#48
Methyl methacrylate
Concen: 0.257 ug/l
RT: 7.708 min Scan# 1086
Delta R.T. 0.012 min
Lab File: VX025204.D
Acq: 18 Nov 2021 11:11

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2021

Tgt Ion: 41 Resp: 36

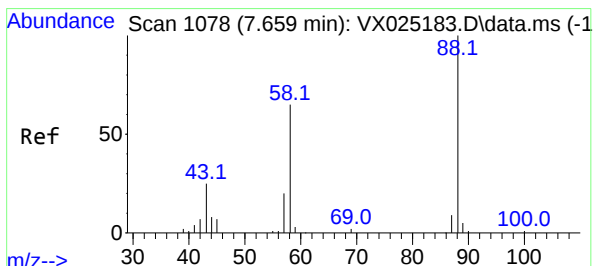
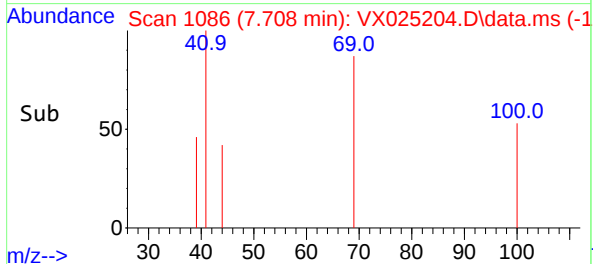
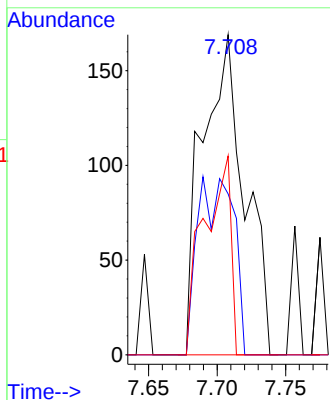
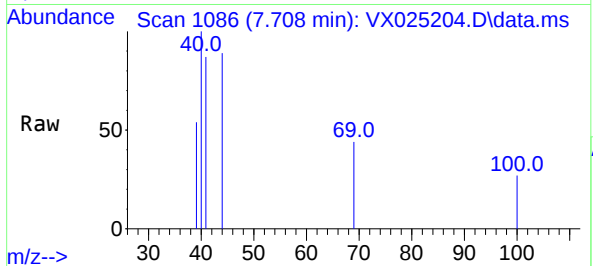
Ion	Ratio	Lower	Upper
41	100		
69	47.1	64.5	96.7
39	39.4	46.9	70.3

Manual Integrations
APPROVED

Reviewed By :John
Carlone

11/19/2021
Supervised By :Mahesh
Dadoda

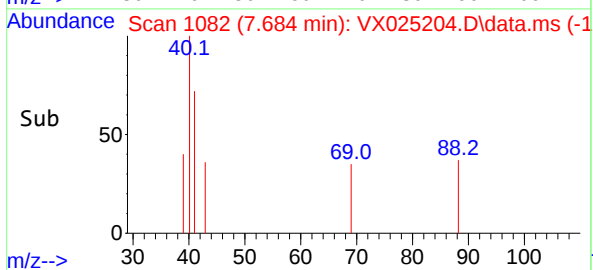
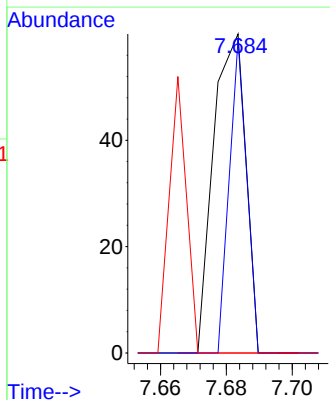
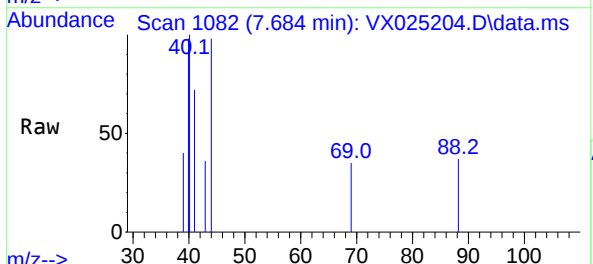
11/26/2021

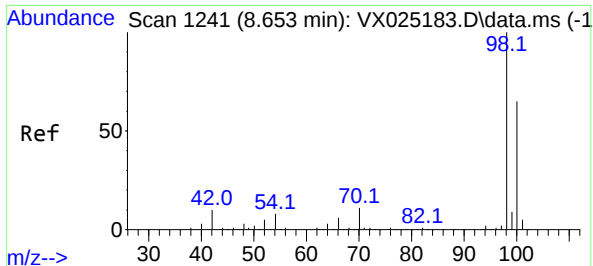


#49
1,4-Dioxane
Concen: 1.375 ug/l
RT: 7.684 min Scan# 1082
Delta R.T. 0.025 min
Lab File: VX025204.D
Acq: 18 Nov 2021 11:11

Tgt Ion: 88 Resp: 41

Ion	Ratio	Lower	Upper
88	100		
43	53.7	27.0	40.6
58	46.3	55.2	82.8





#50

Toluene-d8

Concen: 49.707 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX025204.D

Acq: 18 Nov 2021 11:11

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2021

Tgt Ion: 98 Resp: 208769

Ion Ratio Lower Upper

98 100

100 67.1 51.4 77.0

Manual Integrations

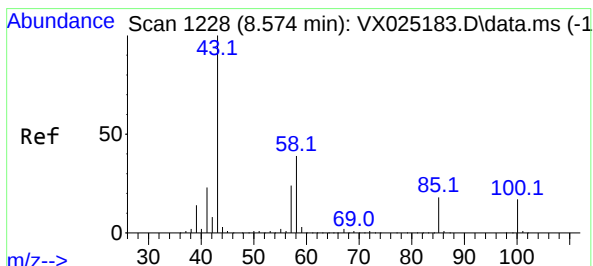
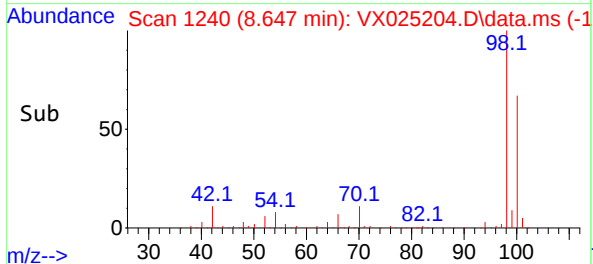
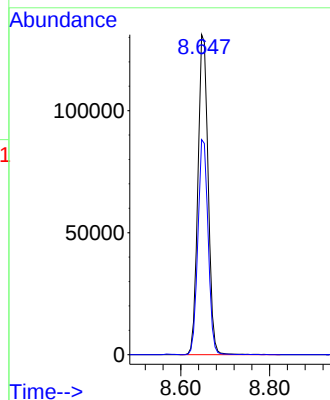
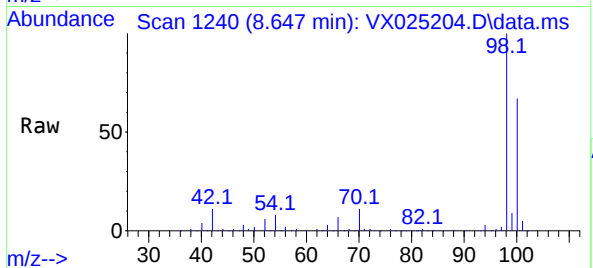
APPROVED

Reviewed By :John
Carlone

11/19/2021

Supervised By :Mahesh
Dadoda

11/26/2021



#51

4-Methyl-2-Pentanone

Concen: 0.902 ug/l

RT: 8.580 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VX025204.D

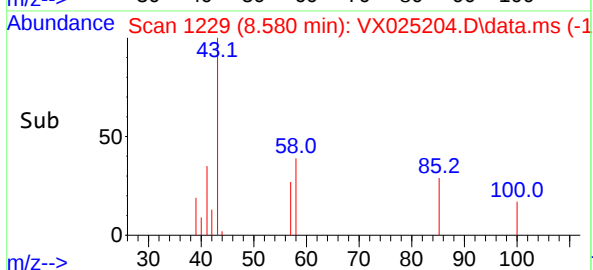
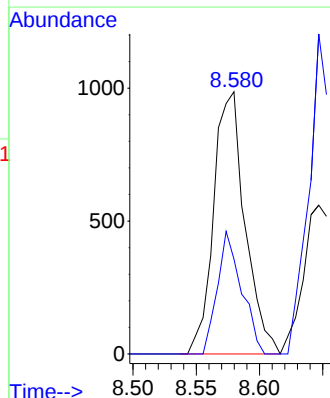
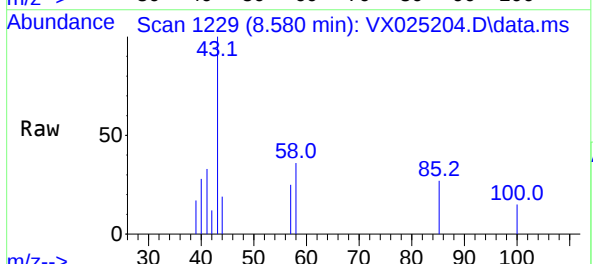
Acq: 18 Nov 2021 11:11

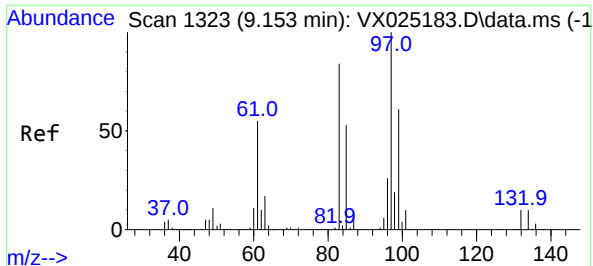
Tgt Ion: 43 Resp: 1701

Ion Ratio Lower Upper

43 100

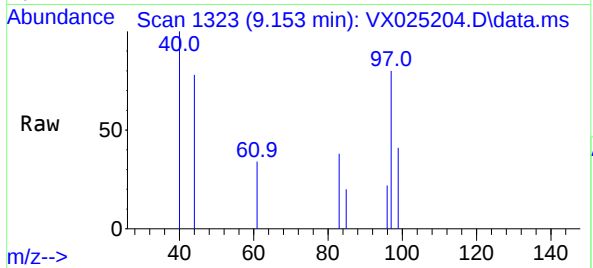
58 36.0 30.9 46.3





#55
1,1,2-Trichloroethane
Concen: 0.200 ug/l
RT: 9.153 min Scan# 1175
Delta R.T. -0.000 min
Lab File: VX025204.D
Acq: 18 Nov 2021 11:11

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2021



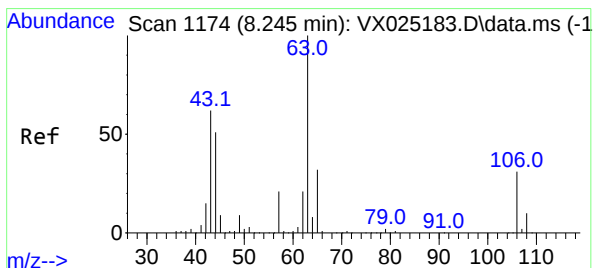
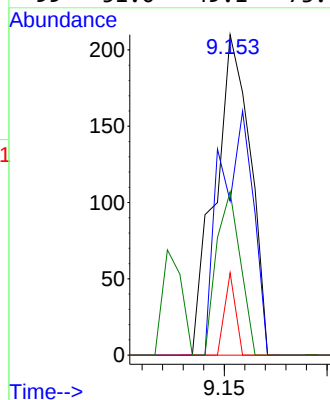
Tgt Ion: 97 Resp: 250
Ion Ratio Lower Upper
97 100
83 48.1 69.2 103.8
85 25.7 43.3 64.9
99 51.0 49.1 73.7

Manual Integrations
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Reviewed By :John
Carlone

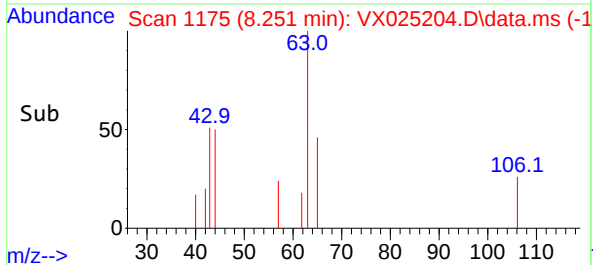
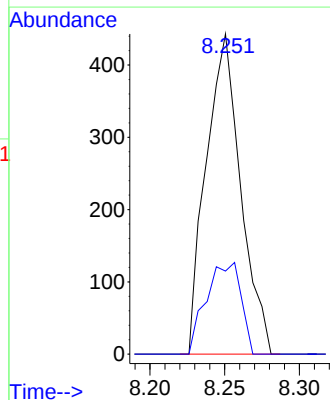
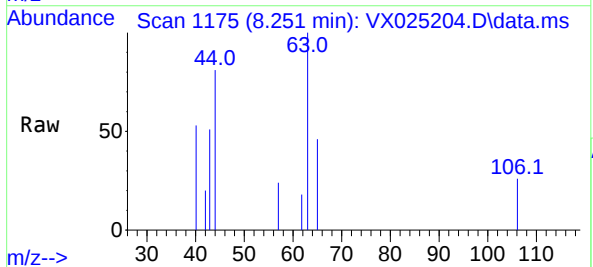
11/19/2021
Supervised By :Mahesh
Dadoda

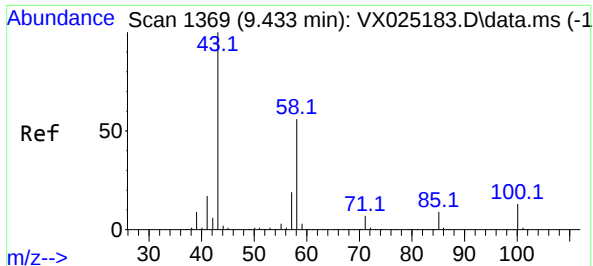
11/26/2021



#58
2-Chloroethyl Vinyl ether
Concen: 0.754 ug/l
RT: 8.251 min Scan# 1175
Delta R.T. 0.006 min
Lab File: VX025204.D
Acq: 18 Nov 2021 11:11

Tgt Ion: 63 Resp: 711
Ion Ratio Lower Upper
63 100
106 28.7 22.8 34.2





#59

2-Hexanone

Concen: 0.957 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX025204.D

Acq: 18 Nov 2021 11:11

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2021

Tgt Ion: 43 Resp: 142

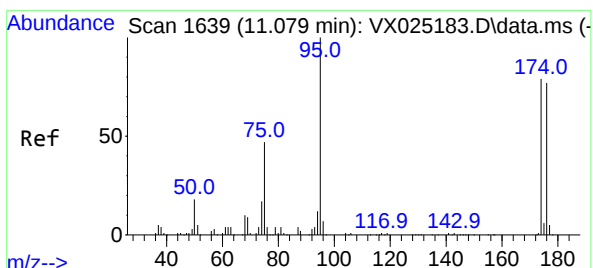
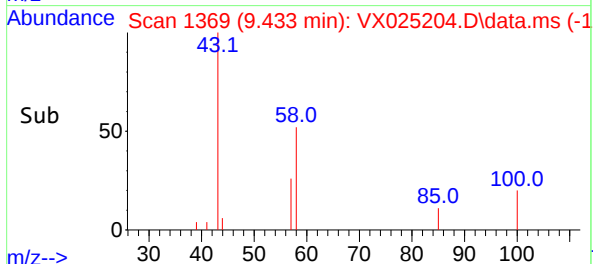
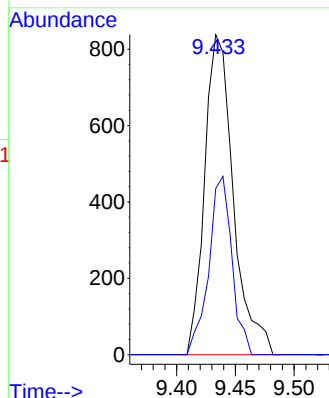
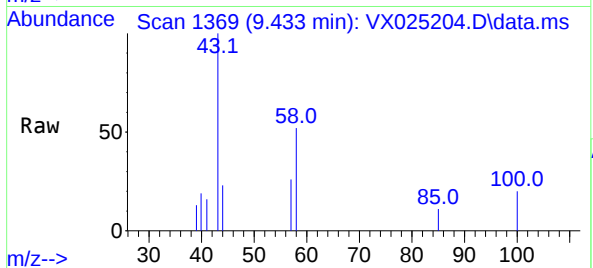
Ion	Ratio	Lower	Upper
43	100		
58	44.8	26.6	79.7

Manual Integrations
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Reviewed By :John
Carlone

11/19/2021
Supervised By :Mahesh
Dadoda

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#62

4-Bromofluorobenzene

Concen: 46.223 ug/l

RT: 11.079 min Scan# 1639

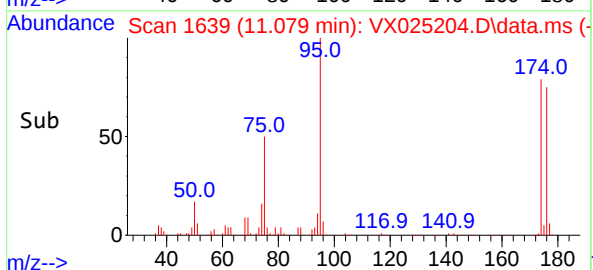
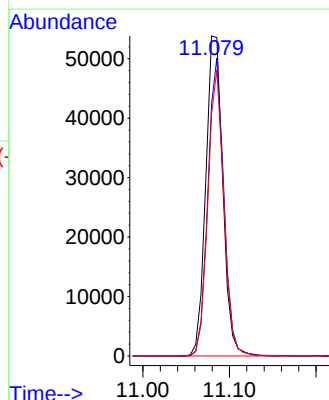
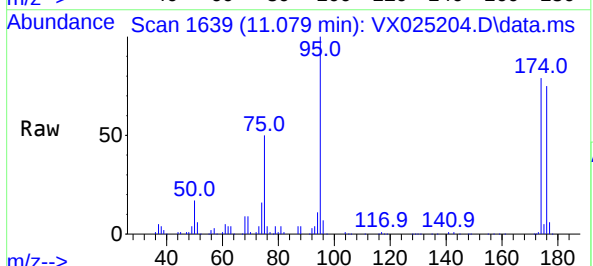
Delta R.T. 0.000 min

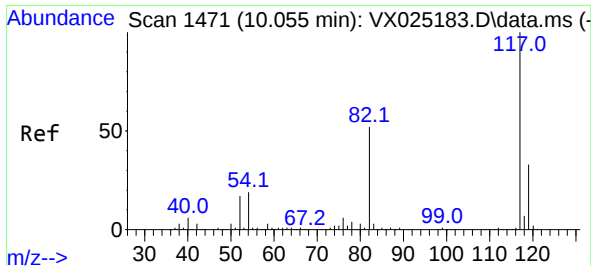
Lab File: VX025204.D

Acq: 18 Nov 2021 11:11

Tgt Ion: 95 Resp: 73444

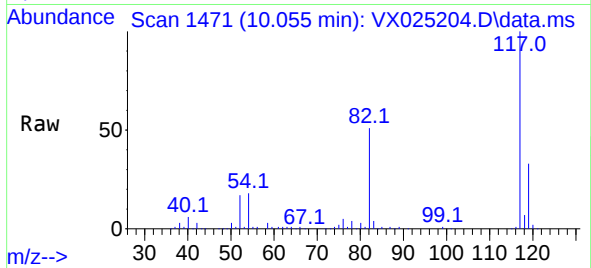
Ion	Ratio	Lower	Upper
95	100		
174	87.4	0.0	158.0
176	83.8	0.0	153.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX025204.D
Acq: 18 Nov 2021 11:11

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2021



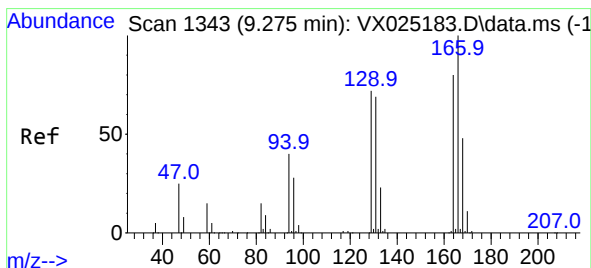
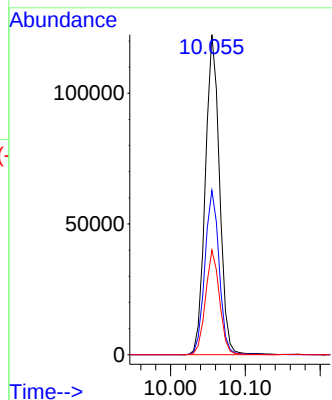
Tgt Ion:117 Resp: 16158
Ion Ratio Lower Upper
117 100
82 51.3 44.6 67.0
119 32.6 24.8 37.2

Manual Integrations
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Reviewed By :John
Carlone

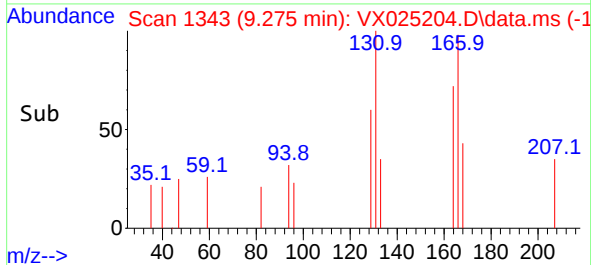
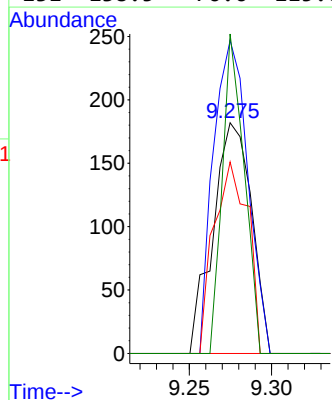
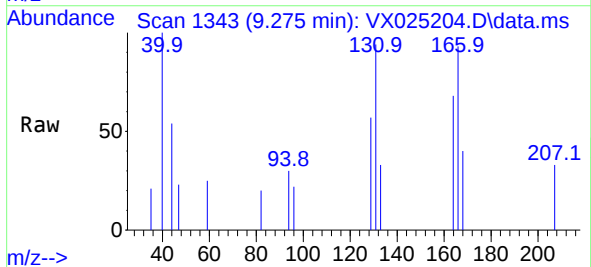
11/19/2021
Supervised By :Mahesh
Dadoda

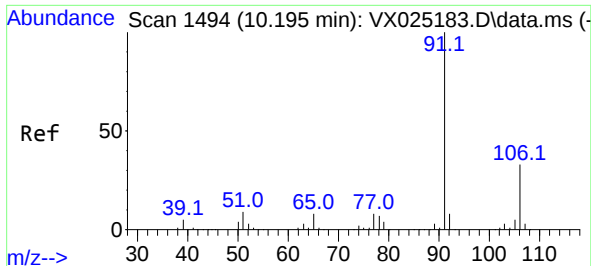
11/26/2021



#64
Tetrachloroethene
Concen: 0.222 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX025204.D
Acq: 18 Nov 2021 11:11

Tgt Ion:164 Resp: 296
Ion Ratio Lower Upper
164 100
166 135.7 103.2 154.8
129 83.0 81.0 121.4
131 138.5 76.6 115.0#





#67

Ethyl Benzene

Concen: 0.213 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX025204.D

Acq: 18 Nov 2021 11:11

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2021

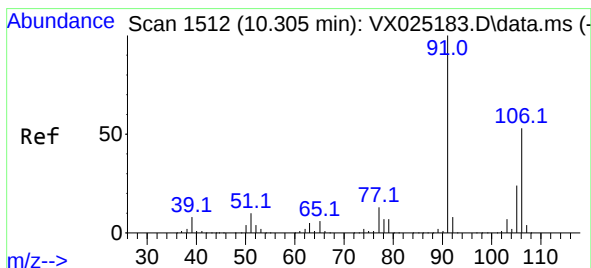
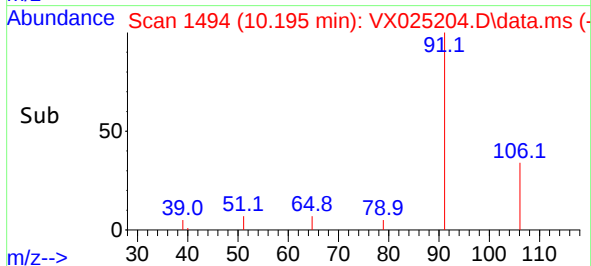
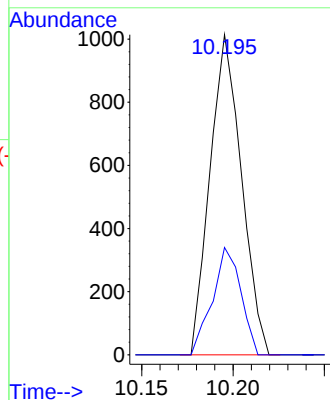
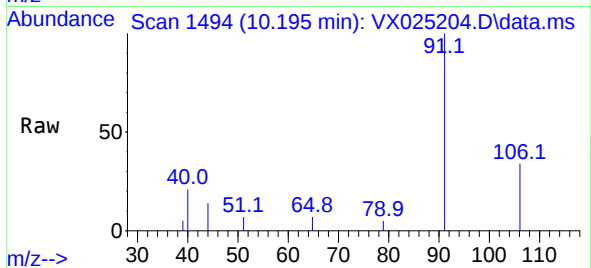
Tgt Ion: 91 Resp: 1214
 Ion Ratio Lower Upper
 91 100
 106 33.5 24.7 37.1

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

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 Supervised By :Mahesh
 Dadoda

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#68

m/p-Xylenes

Concen: 0.345 ug/l

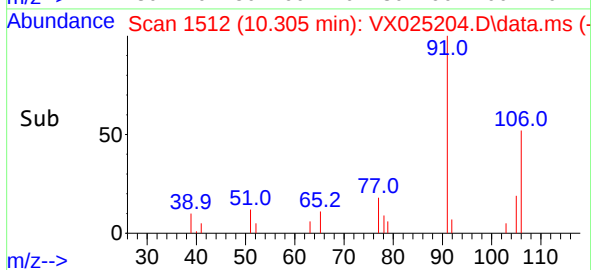
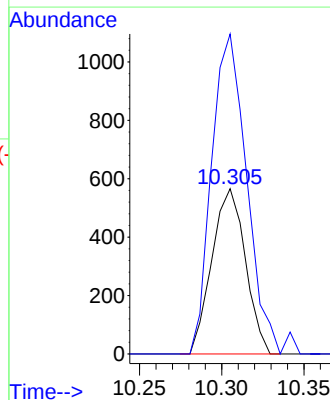
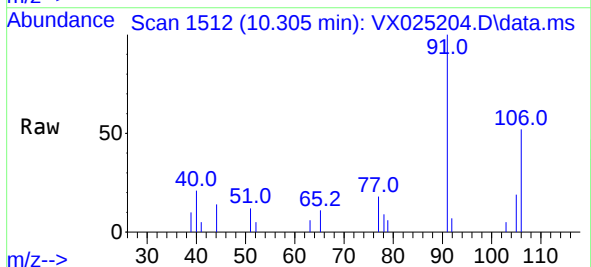
RT: 10.305 min Scan# 1512

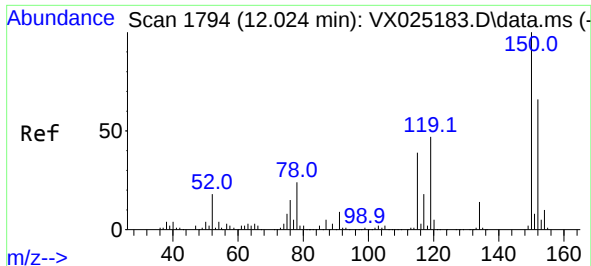
Delta R.T. 0.000 min

Lab File: VX025204.D

Acq: 18 Nov 2021 11:11

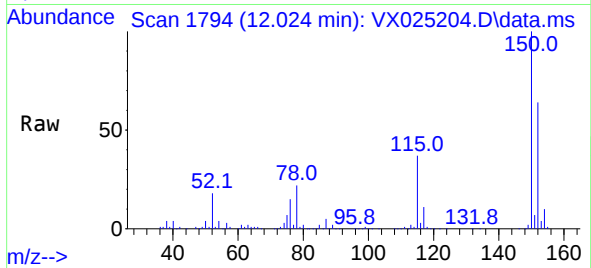
Tgt Ion:106 Resp: 801
 Ion Ratio Lower Upper
 106 100
 91 205.0 163.4 245.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX025204.D
Acq: 18 Nov 2021 11:11

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2021



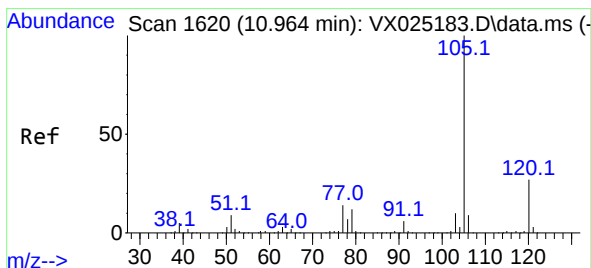
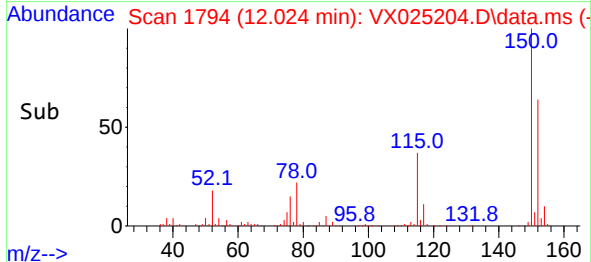
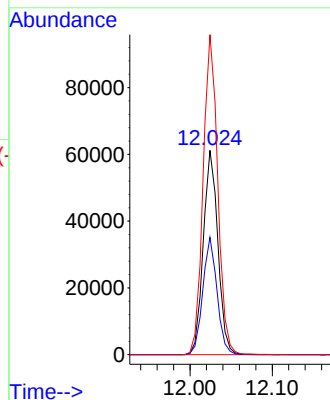
Tgt Ion:152 Resp: 75550
Ion Ratio Lower Upper
152 100
115 55.9 43.3 129.8
150 156.8 0.0 351.2

Manual Integrations
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Reviewed By :John
Carlone

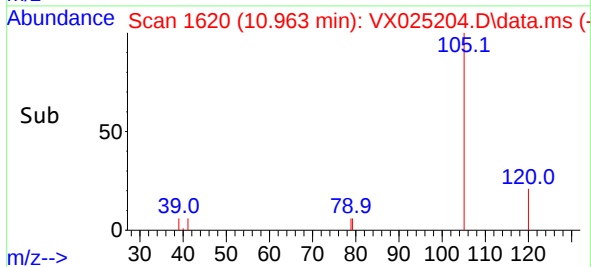
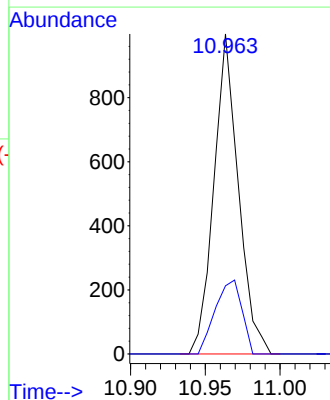
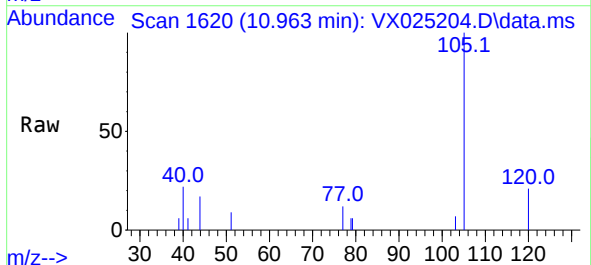
11/19/2021
Supervised By :Mahesh
Dadoda

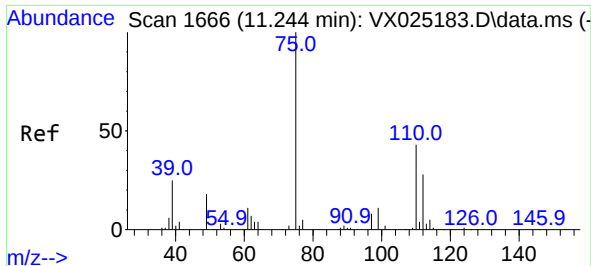
11/26/2021



#73
Isopropylbenzene
Concen: 0.211 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.001 min
Lab File: VX025204.D
Acq: 18 Nov 2021 11:11

Tgt Ion:105 Resp: 1138
Ion Ratio Lower Upper
105 100
120 25.0 13.3 39.8





#76
1,2,3-Trichloropropane
Concen: 0.233 ug/l m
RT: 11.250 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX025204.D
Acq: 18 Nov 2021 11:11

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2021

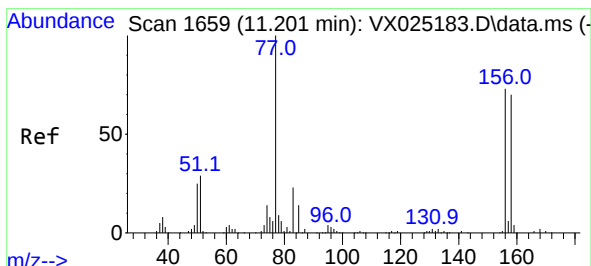
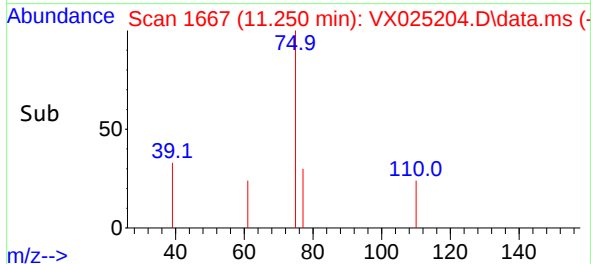
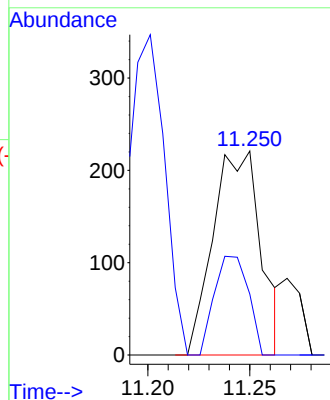
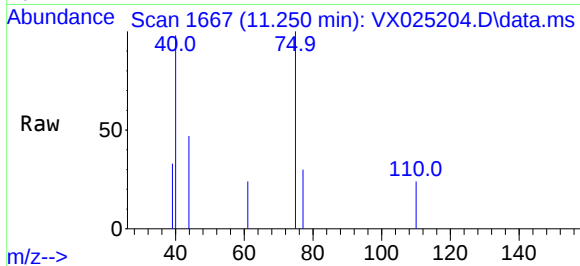
Tgt Ion: 75 Resp: 360
Ion Ratio Lower Upper
75 100
77 119.2 20.0 59.9

Manual Integrations
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Reviewed By :John
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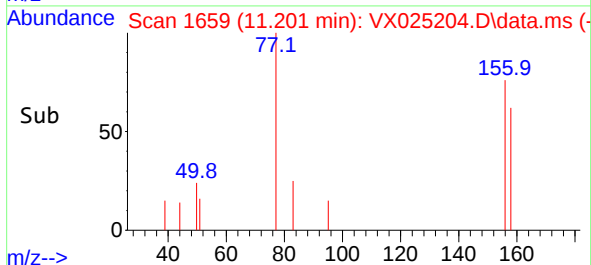
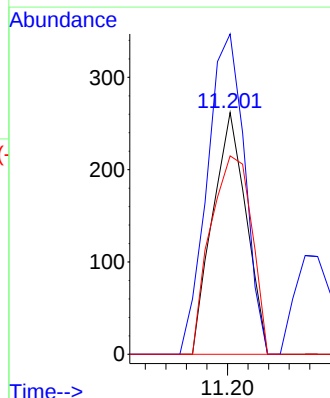
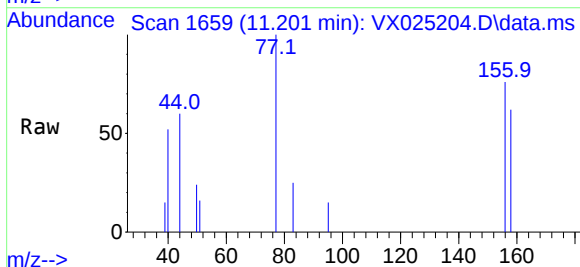
11/19/2021
Supervised By :Mahesh
Dadoda

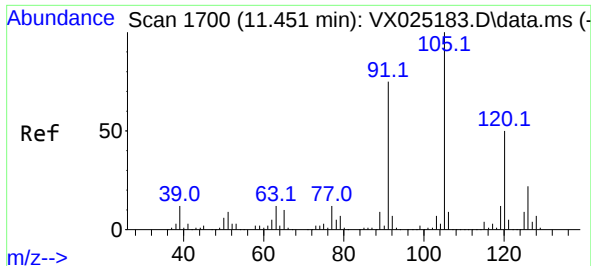
11/26/2021



#77
Bromobenzene
Concen: 0.214 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX025204.D
Acq: 18 Nov 2021 11:11

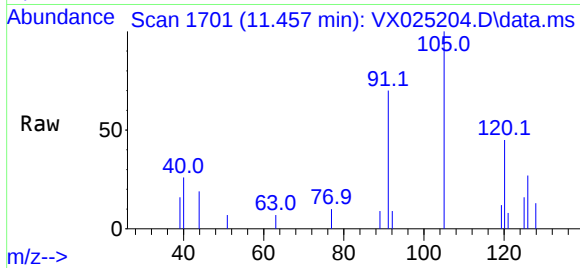
Tgt Ion:156 Resp: 296
Ion Ratio Lower Upper
156 100
77 148.3 78.3 234.8
158 101.0 48.9 146.6





#80
1,3,5-Trimethylbenzene
Concen: 0.210 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX025204.D
Acq: 18 Nov 2021 11:11

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2021



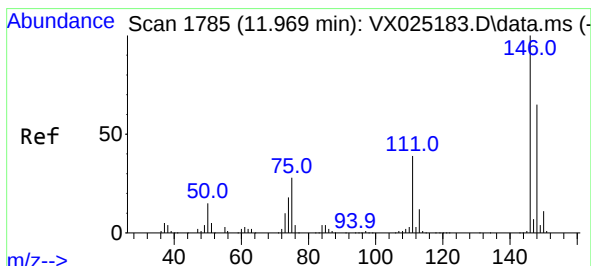
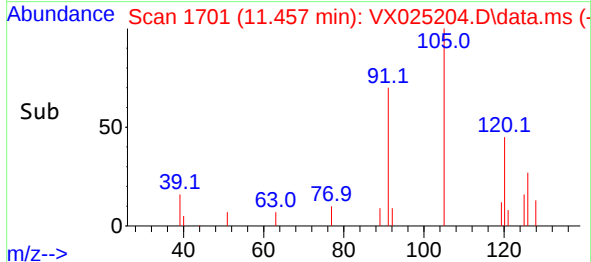
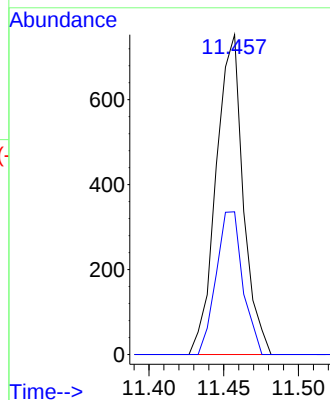
Tgt Ion:105 Resp: 949
Ion Ratio Lower Upper
105 100
120 43.8 23.8 71.5

Manual Integrations
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Reviewed By :John
Carlone

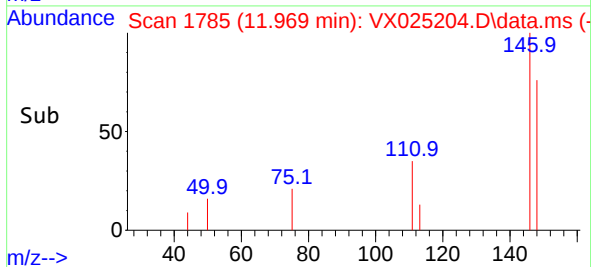
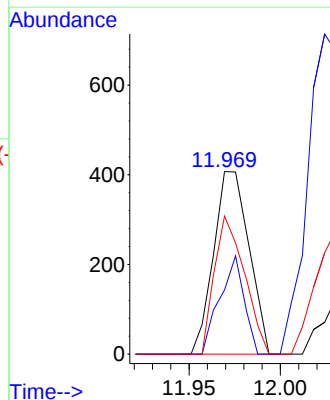
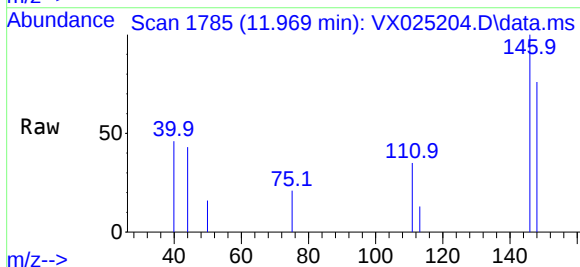
11/19/2021
Supervised By :Mahesh
Dadoda

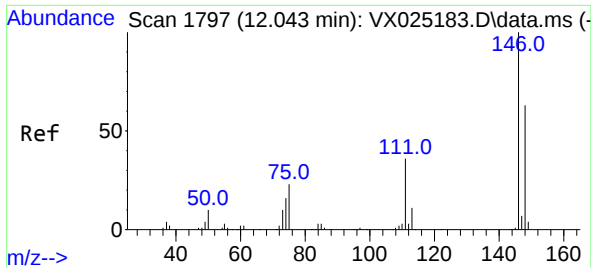
11/26/2021



#87
1,3-Dichlorobenzene
Concen: 0.213 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX025204.D
Acq: 18 Nov 2021 11:11

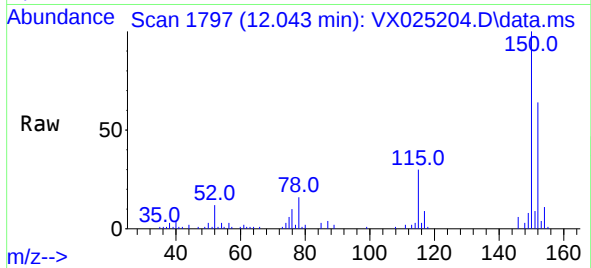
Tgt Ion:146 Resp: 549
Ion Ratio Lower Upper
146 100
111 37.0 20.6 61.9
148 63.9 32.0 96.2





#88
 1,4-Dichlorobenzene
 Concen: 0.270 ug/l m
 RT: 12.043 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX025204.D
 Acq: 18 Nov 2021 11:11

Instrument : MSVOA_X
 ClientSampleId : MDL-WATER-03-QT4-2021



Tgt Ion:	146	Resp:	700
Ion	Ratio	Lower	Upper
146	100		
111	28.8	20.4	61.3
148	49.7	32.4	97.0

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

11/19/2021
 Supervised By :Mahesh
 Dadoda

11/26/2021

