

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX050719\
 Data File : VX009380.D
 Acq On : 07 May 2019 16:31
 Operator : JC/SP
 Sample : K2241-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2019

Manual Integrations
 APPROVED

MMDadoda
 5/8/2019 10:26:15 AM

Quant Time: May 08 10:34:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 03:27:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	166829	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	271621	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	239534	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	106264	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	108362	47.58	ug/l	0.00
Spiked Amount			Recovery	=	95.16%	
35) Dibromofluoromethane	5.50	113	78586	46.02	ug/l	0.00
Spiked Amount			Recovery	=	92.04%	
50) Toluene-d8	8.71	98	315374	45.75	ug/l	0.00
Spiked Amount			Recovery	=	91.50%	
62) 4-Bromofluorobenzene	11.13	95	107902	43.08	ug/l	0.00
Spiked Amount			Recovery	=	86.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	871	0.567	ug/l	72
3) Chloromethane	1.33	50	1629	0.776	ug/l #	78
4) Vinyl Chloride	1.40	62	1490	0.728	ug/l	98
6) Chloroethane	1.72	64	1171	0.891	ug/l #	88
7) Trichlorofluoromethane	1.93	101	1792	0.720	ug/l	98
8) Diethyl Ether	2.19	74	863	0.732	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	1120	0.717	ug/l	96
12) 1,1-Dichloroethene	2.37	96	1078	0.689	ug/l	86
14) Allyl chloride	2.73	41	2696	0.707	ug/l	94
15) Acrylonitrile	3.15	53	4630	3.592	ug/l #	89
16) Acetone	2.45	43	5588	4.570	ug/l	97
17) Carbon Disulfide	2.57	76	2633	0.599	ug/l	97
18) Methyl Acetate	2.78	43	2623	0.902	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	4297	0.707	ug/l	98
20) Methylene Chloride	2.86	84	1553	0.784	ug/l #	87
21) trans-1,2-Dichloroethene	3.17	96	1166	0.687	ug/l	99
22) Diisopropyl ether	3.85	45	5591	0.762	ug/l #	83
23) Vinyl Acetate	3.82	43	19481	3.101	ug/l #	95
24) 1,1-Dichloroethane	3.70	63	2665	0.736	ug/l #	91
25) 2-Butanone	4.69	43	7310	3.847	ug/l	98
26) 2,2-Dichloropropane	4.59	77	1753	0.651	ug/l	91
27) cis-1,2-Dichloroethene	4.60	96	1377	0.680	ug/l	89
28) Bromochloromethane	5.02	49	1505	0.926	ug/l #	87
29) Tetrahydrofuran	5.15	42	4628	3.785	ug/l	97
30) Chloroform	5.22	83	2264	0.692	ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	1794	0.658	ug/l #	47
36) 1,1-Dichloropropene	5.81	75	1909	0.756	ug/l	97
37) Ethyl Acetate	4.86	43	2016	0.573	ug/l #	79
38) Carbon Tetrachloride	5.79	117	1633	0.712	ug/l #	77
39) Methylcyclohexane	7.47	83	1842	0.594	ug/l	88
40) Benzene	6.15	78	5321	0.681	ug/l #	83
41) Methacrylonitrile	5.06	41	1408	0.673	ug/l #	67
42) 1,2-Dichloroethane	6.19	62	2219	0.792	ug/l	96
43) Isopropyl Acetate	6.45	43	3752	0.667	ug/l #	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	7.21	130	1262	0.668	ug/l	95
45) 1,2-Dichloropropane	7.52	63	1657	0.749	ug/l	97
46) Dibromomethane	7.66	93	940	0.732	ug/l	91
47) Bromodichloromethane	7.90	83	1688	0.659	ug/l #	89
48) Methyl methacrylate	7.77	41	1989	0.713	ug/l	99
49) 1,4-Dioxane	7.76	88	879	15.530	ug/l #	83
51) 4-Methyl-2-Pentanone	8.64	43	12303	3.346	ug/l	99
52) Toluene	8.78	92	3258	0.686	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	1740	0.601	ug/l	93
54) cis-1,3-Dichloropropene	8.44	75	1797	0.561	ug/l #	89
55) 1,1,2-Trichloroethane	9.21	97	1377	0.711	ug/l	90
56) Ethyl methacrylate	9.18	69	2092	0.605	ug/l #	81
57) 1,3-Dichloropropane	9.37	76	2317	0.680	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.31	63	5406	2.947	ug/l	98
59) 2-Hexanone	9.49	43	9489	3.286	ug/l	97
60) Dibromochloromethane	9.59	129	1142	0.604	ug/l	94
61) 1,2-Dibromoethane	9.67	107	1182	0.604	ug/l	89
64) Tetrachloroethene	9.34	164	1160	0.706	ug/l	95
65) Chlorobenzene	10.14	112	3637	0.759	ug/l	89
66) 1,1,1,2-Tetrachloroethane	10.22	131	1155	0.665	ug/l #	65
67) Ethyl Benzene	10.26	91	5566	0.631	ug/l	93
68) m/p-Xylenes	10.36	106	4064	1.261	ug/l	99
69) o-Xylene	10.70	106	2010	0.632	ug/l	100
70) Styrene	10.71	104	3325	0.602	ug/l	99
71) Bromoform	10.86	173	848	0.601	ug/l #	97
73) Isopropylbenzene	11.02	105	5442	0.704	ug/l	97
74) N-amyl acetate	10.90	43	3015	0.669	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	2053	0.713	ug/l	94
76) 1,2,3-Trichloropropane	11.30	75	2087m	0.847	ug/l	
77) Bromobenzene	11.26	156	1397	0.728	ug/l	98
78) n-propylbenzene	11.36	91	5906	0.669	ug/l	96
79) 2-Chlorotoluene	11.42	91	3899	0.716	ug/l	95
80) 1,3,5-Trimethylbenzene	11.51	105	4304	0.661	ug/l	100
82) 4-Chlorotoluene	11.51	91	4378	0.712	ug/l	99
83) tert-Butylbenzene	11.77	119	4403	0.696	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	4153	0.636	ug/l	94
85) sec-Butylbenzene	11.94	105	4736	0.631	ug/l	94
86) p-Isopropyltoluene	12.06	119	4027	0.597	ug/l	85
87) 1,3-Dichlorobenzene	12.02	146	2368	0.693	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	2907m	0.843	ug/l	
89) n-Butylbenzene	12.39	91	3390	0.556	ug/l	97
90) Hexachloroethane	12.60	117	769	0.669	ug/l	91
91) 1,2-Dichlorobenzene	12.39	146	3920	1.126	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	516	0.798	ug/l	78
93) 1,2,4-Trichlorobenzene	13.65	180	1637	0.687	ug/l	94
94) Hexachlorobutadiene	13.78	225	772	0.635	ug/l	92
95) Naphthalene	13.83	128	4803	0.620	ug/l	97
96) 1,2,3-Trichlorobenzene	14.02	180	1608	0.666	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

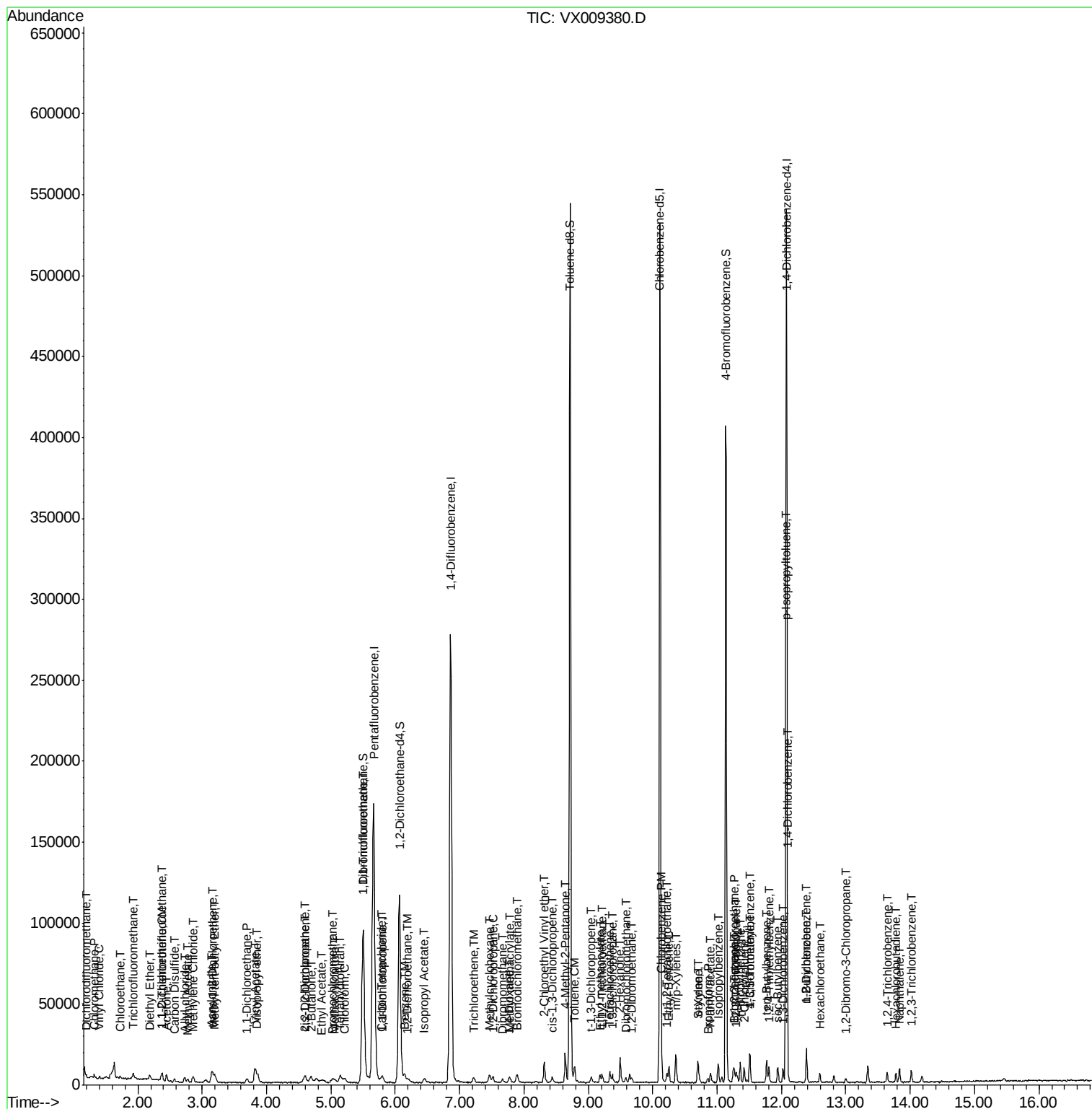
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Data File : VX009380.D
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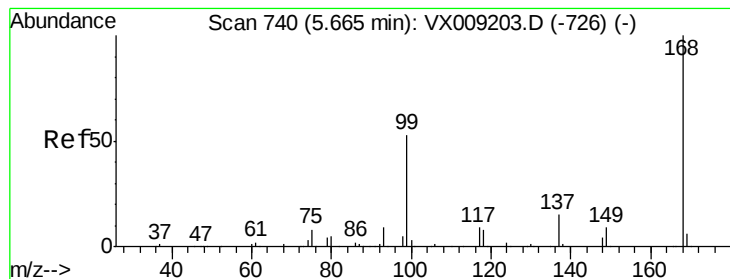
Instrument :
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LOD-MDL-WATER-01-QT2-2019

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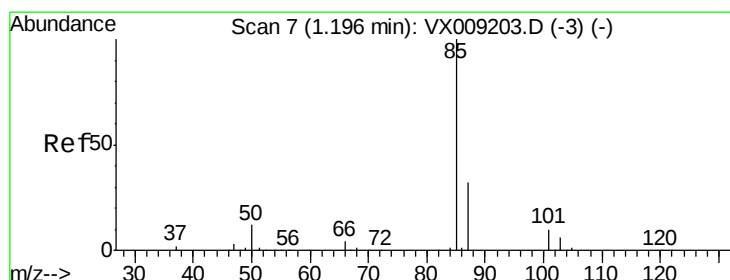
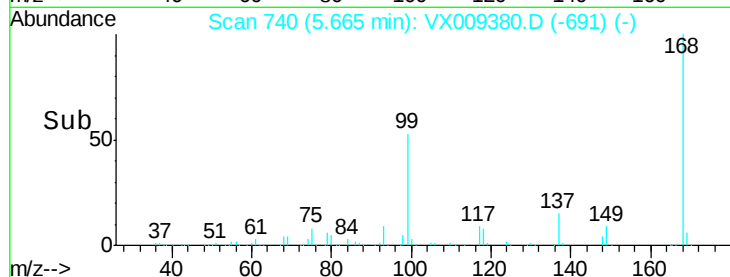
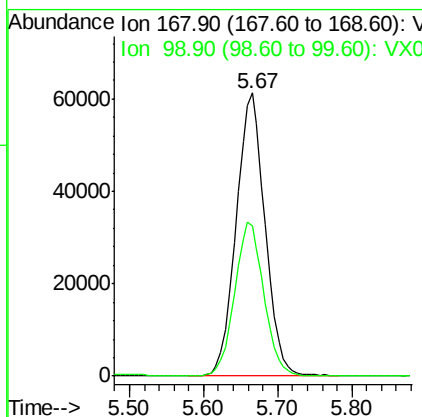
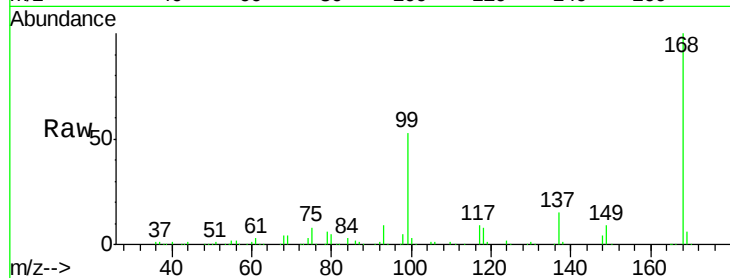
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.00 min
Lab File: VX009380.D
Acq: 07 May 2019 16:31

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Tot Ion	Ratio	Resp	Lower	Upper
168	100	166829		
99	53.1	42.3	63.5	

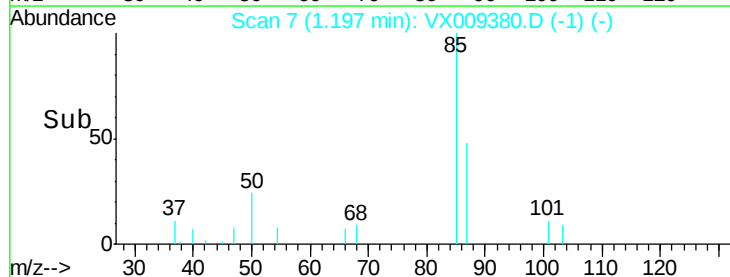
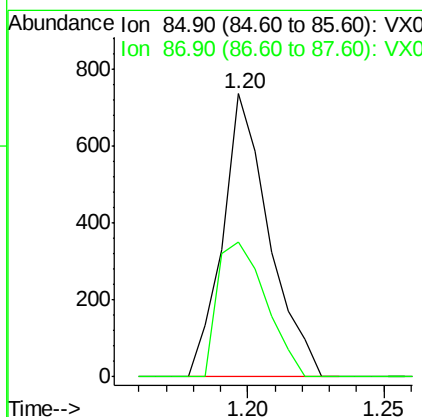
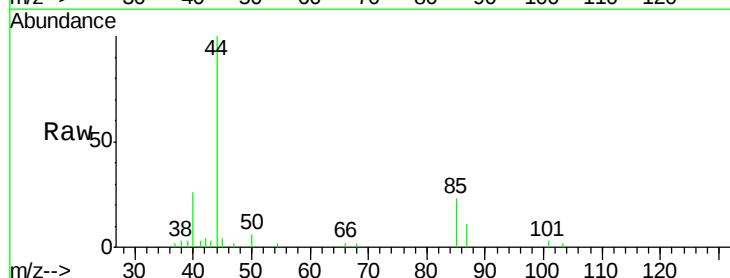
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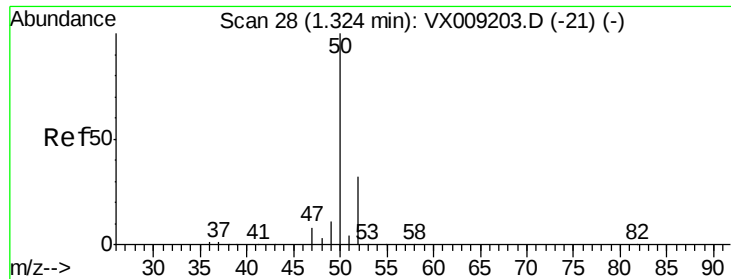
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#2
Dichlorodifluoromethane
Concen: 0.567 ug/l
RT: 1.20 min Scan# 7
Delta R.T. 0.00 min
Lab File: VX009380.D
Acq: 07 May 2019 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
85	100	871		
87	47.7	16.1	48.3	





#3

Chloromethane

Concen: 0.776 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX009380.D

Acq: 07 May 2019 16:31

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

Tot Ion: 50 Resp: 1629

Ion Ratio Lower Upper

50 100

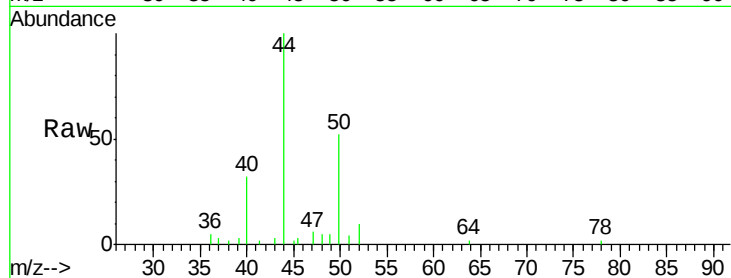
52 20.1 25.9 38.9#

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.33

1500

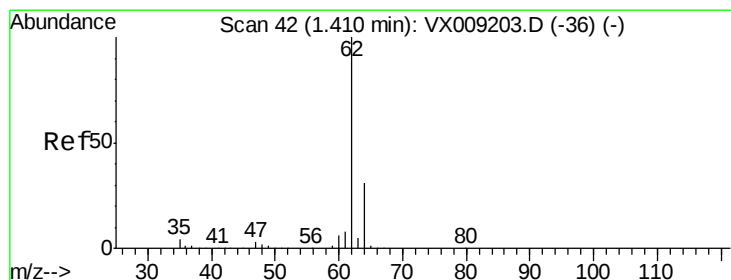
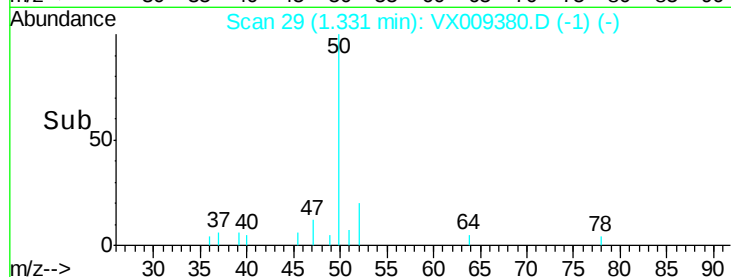
1000

500

0

1.30 1.35

Time-->



#4

Vinyl Chloride

Concen: 0.728 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX009380.D

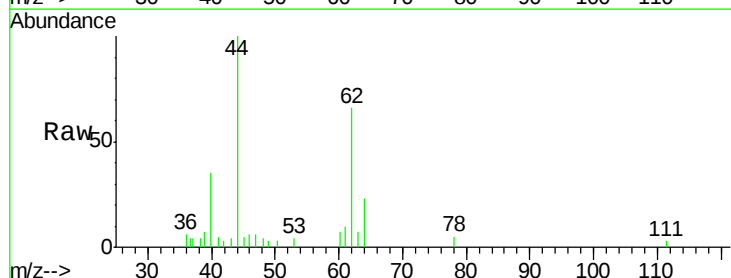
Acq: 07 May 2019 16:31

Tgt Ion: 62 Resp: 1490

Ion Ratio Lower Upper

62 100

64 29.4 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

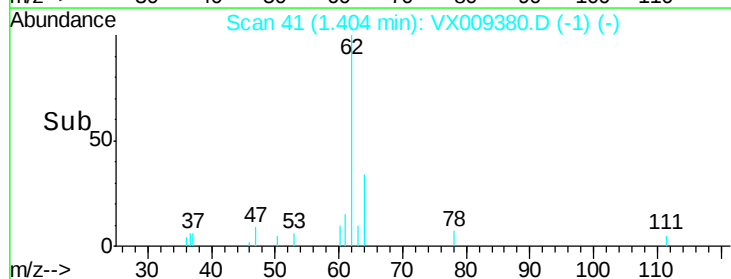
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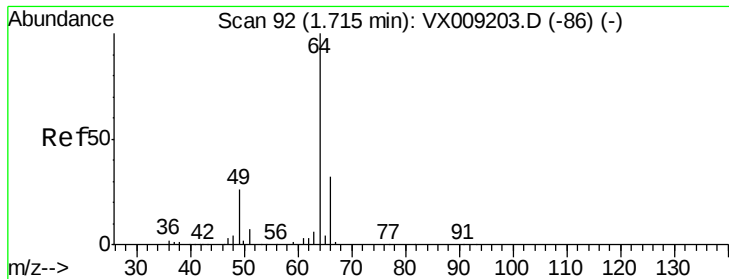
500

0

1.35 1.40 1.45 1.50

Time-->





#6

Chloroethane

Concen: 0.891 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX009380.D

Acq: 07 May 2019 16:31

Instrument :

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ClientSampleId :

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Tot Ion: 64 Resp: 1171

Ion Ratio Lower Upper

64 100

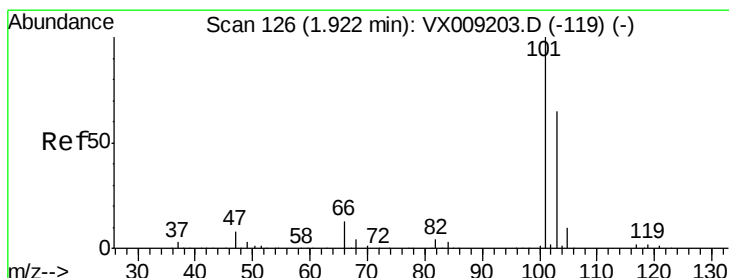
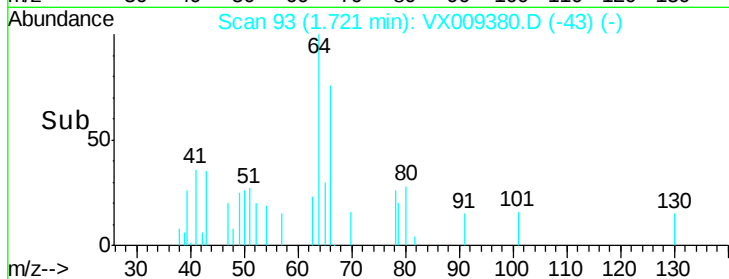
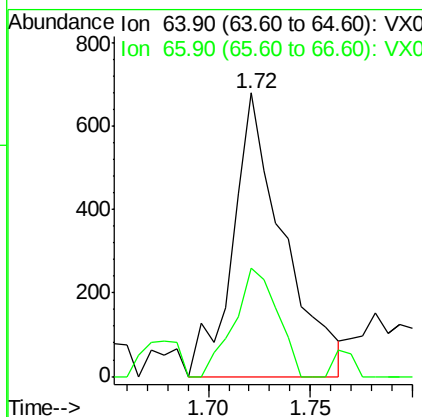
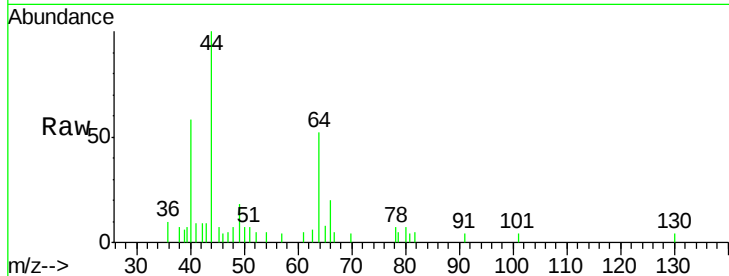
66 38.2 25.3 37.9#

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5/8/2019 10:26:15 AM



#7

Trichlorofluoromethane

Concen: 0.720 ug/l

RT: 1.93 min Scan# 127

Delta R.T. 0.01 min

Lab File: VX009380.D

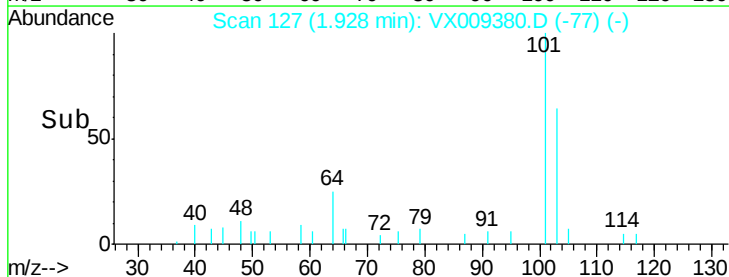
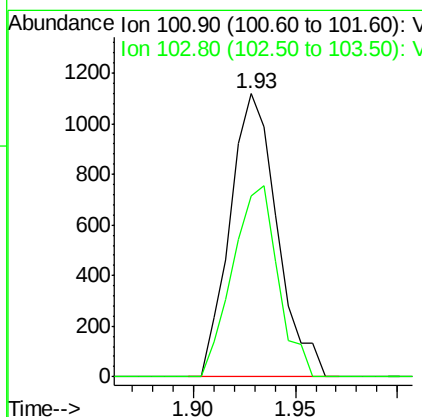
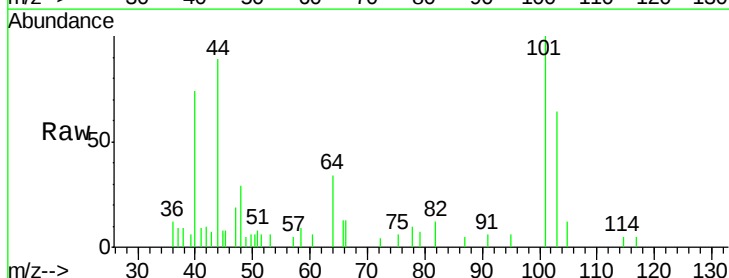
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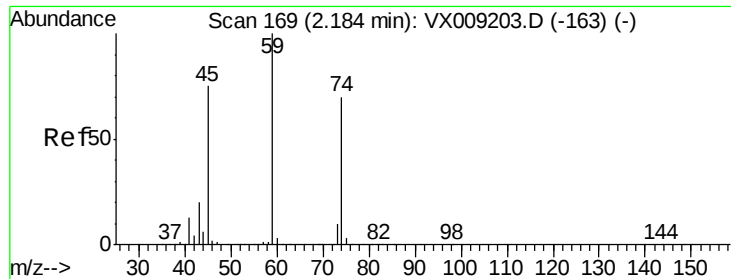
Tgt Ion: 101 Resp: 1792

Ion Ratio Lower Upper

101 100

103 64.0 52.4 78.6





#8

Diethyl Ether

Concen: 0.732 ug/l

RT: 2.19 min Scan# 170

Delta R.T. 0.01 min

Lab File: VX009380.D

Acq: 07 May 2019 16:31

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Tot Ion: 74 Resp: 863

Ion Ratio Lower Upper

74 100

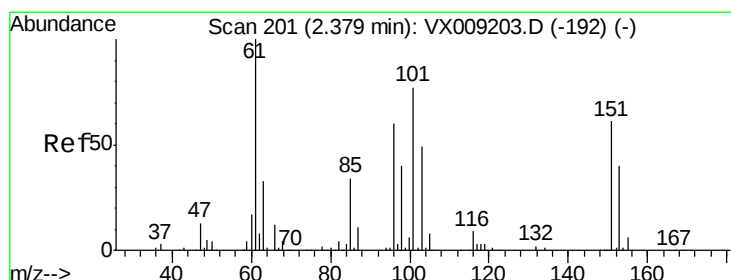
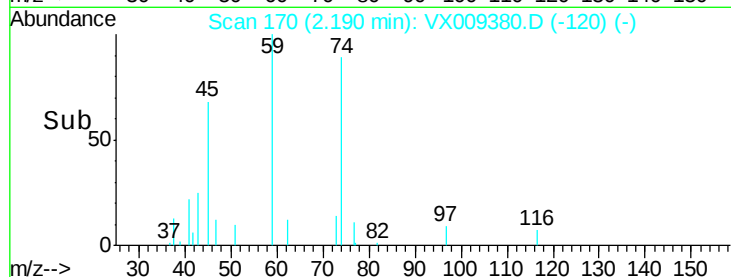
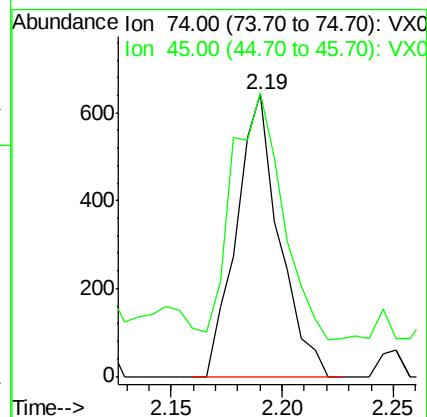
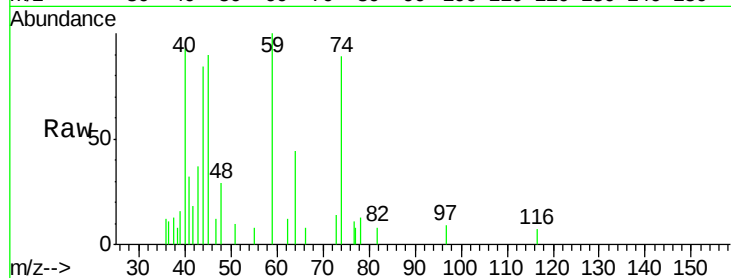
45 101.9 53.3 159.9

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5/8/2019 10:26:15 AM



#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.717 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX009380.D

Acq: 07 May 2019 16:31

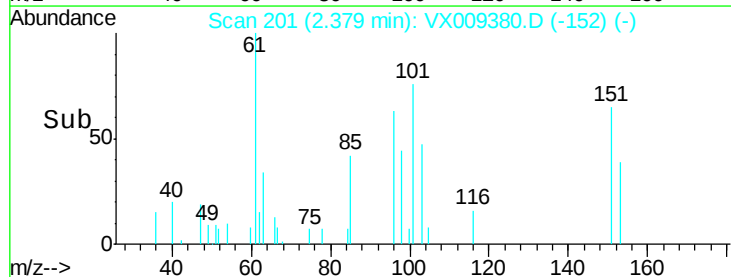
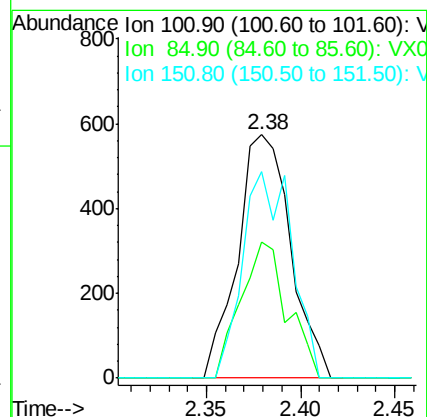
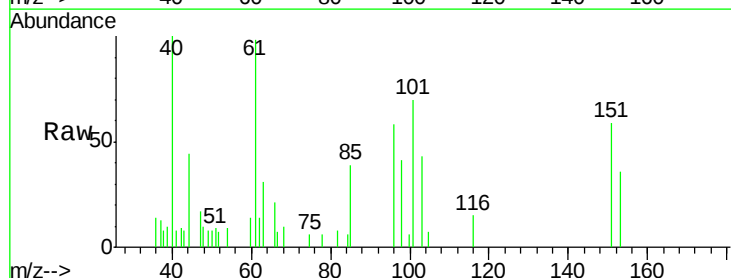
Tgt Ion: 101 Resp: 1120

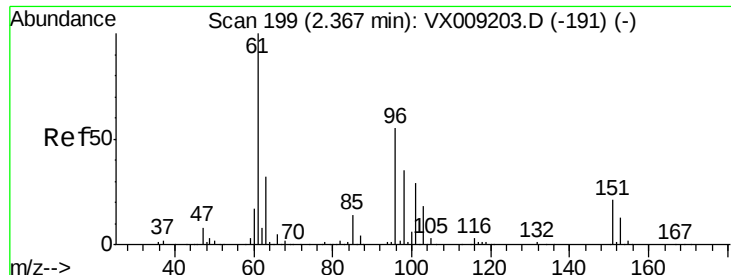
Ion Ratio Lower Upper

101 100

85 49.3 35.7 53.5

151 78.9 62.2 93.2





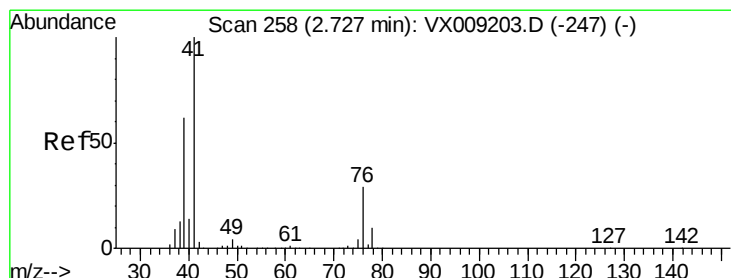
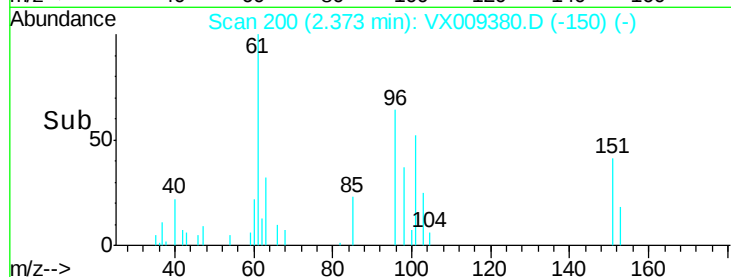
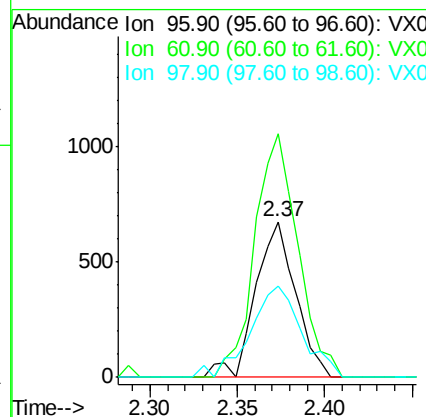
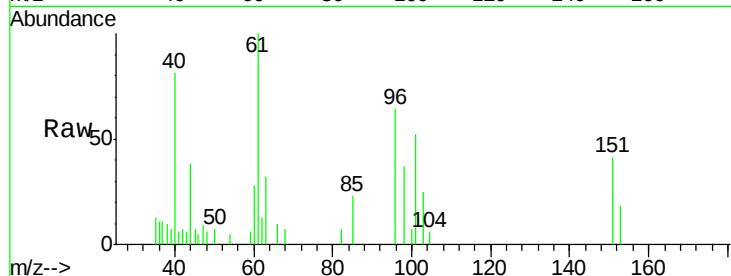
#12
1,1-Dichloroethene
Concen: 0.689 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX009380.D
Acq: 07 May 2019 16:31

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Tot Ion	Ratio	Lower	Upper
96	100		
61	156.6	144.3	216.5
98	58.4	50.3	75.5

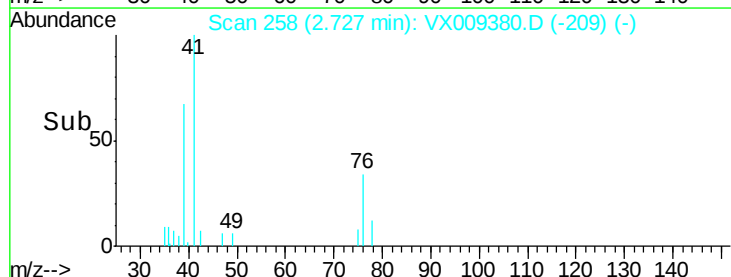
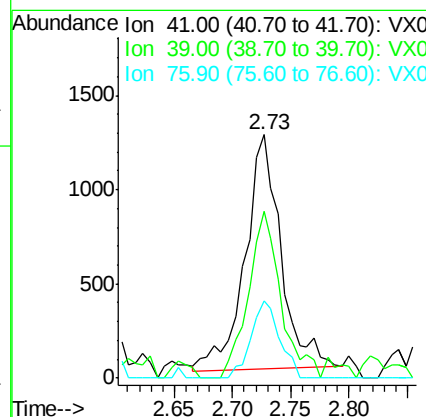
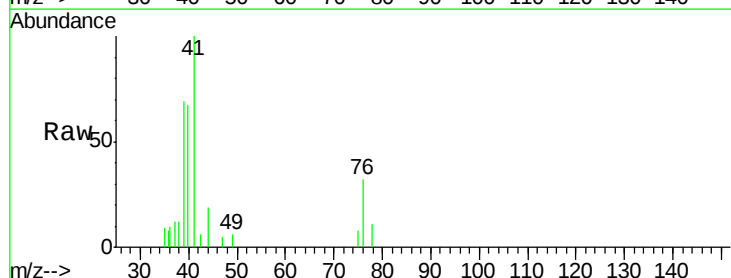
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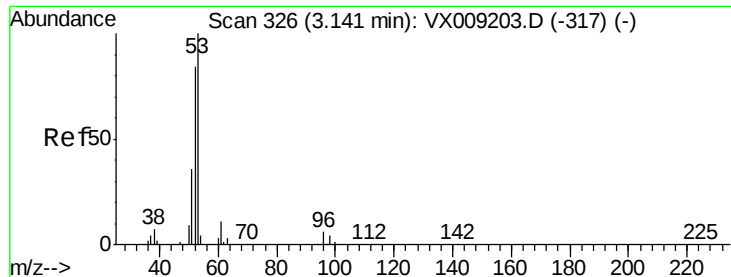
MMDadoda
5/8/2019 10:26:15 AM



#14
Allyl chloride
Concen: 0.707 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.00 min
Lab File: VX009380.D
Acq: 07 May 2019 16:31

Tgt Ion	Ratio	Lower	Upper
41	100		
39	63.7	46.7	70.1
76	25.8	21.8	32.8





#15

Acrylonitrile

Concen: 3.592 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.01 min

Lab File: VX009380.D

Acq: 07 May 2019 16:31

Instrument :

MSVOA_X

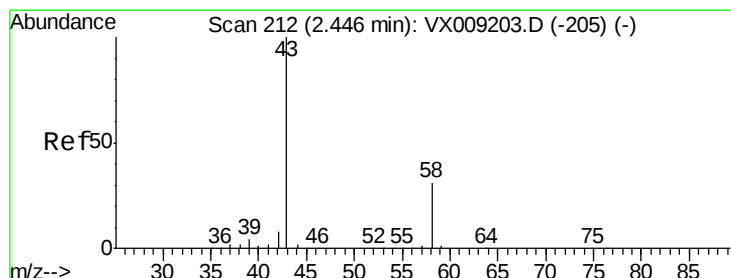
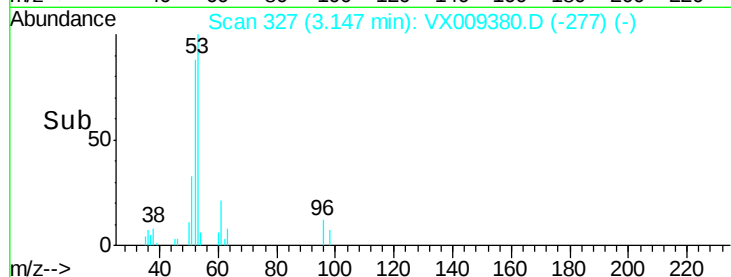
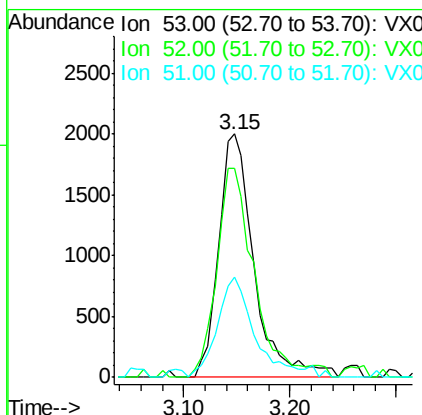
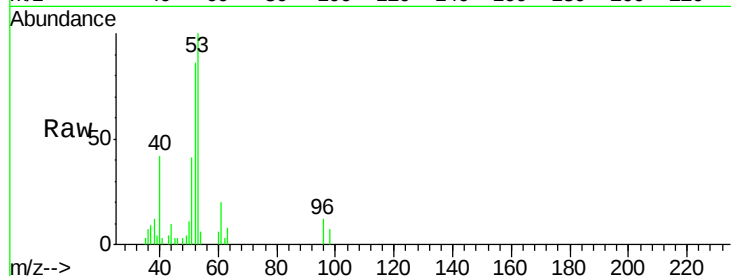
ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

Tot Ion:	53	Resp:	4630
Ion	Ratio	Lower	Upper
53	100		
52	92.1	66.9	100.3
51	44.2	28.2	42.2#

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MMDadoda
5/8/2019 10:26:15 AM



#16

Acetone

Concen: 4.570 ug/l

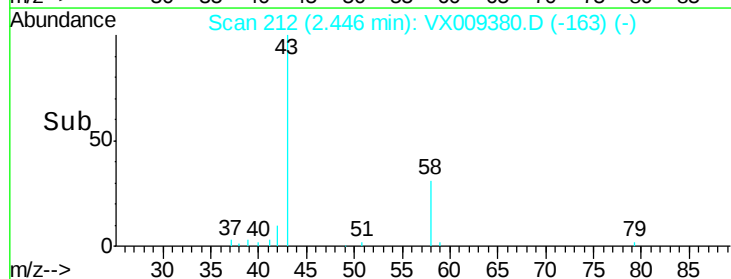
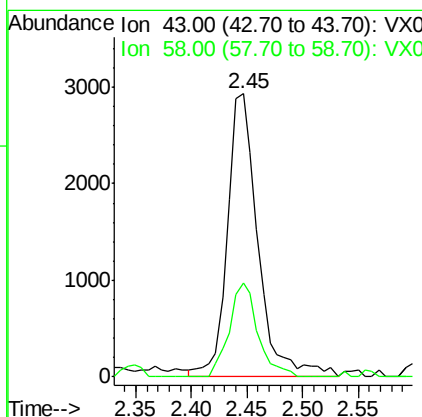
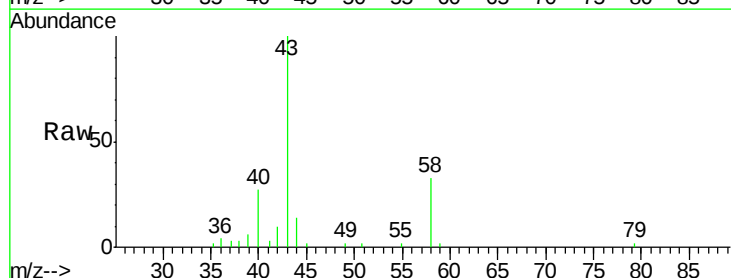
RT: 2.45 min Scan# 212

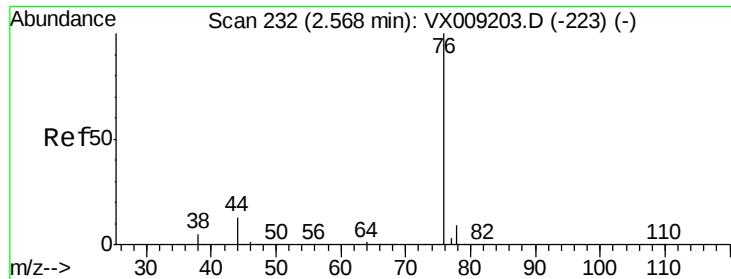
Delta R.T. 0.00 min

Lab File: VX009380.D

Acq: 07 May 2019 16:31

Tgt Ion:	43	Resp:	5588
Ion	Ratio	Lower	Upper
43	100		
58	33.0	24.9	37.3





#17

Carbon Disulfide

Concen: 0.599 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX009380.D

Acq: 07 May 2019 16:31

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

Tot Ion: 76 Resp: 2633

Ion Ratio Lower Upper

76 100

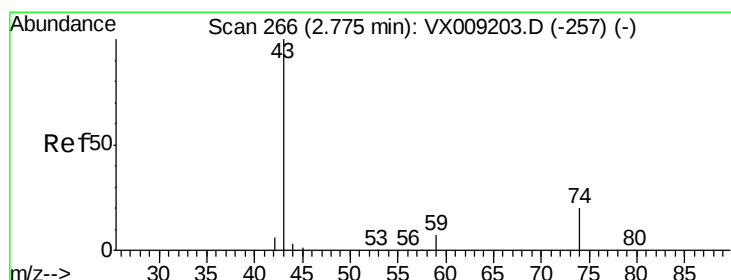
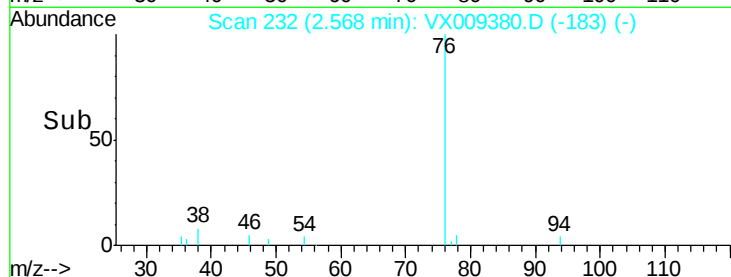
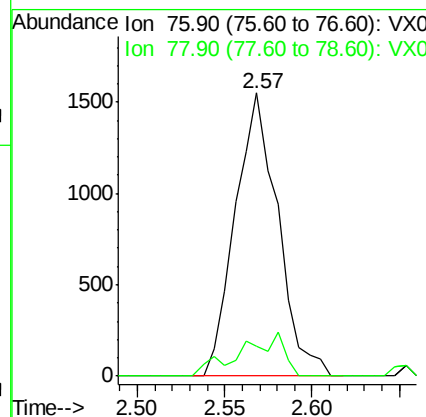
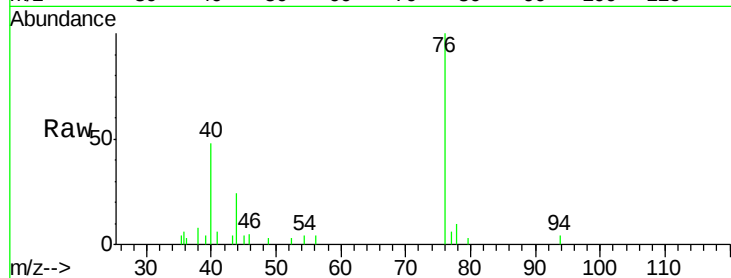
78 10.4 7.4 11.0

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#18

Methyl Acetate

Concen: 0.902 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX009380.D

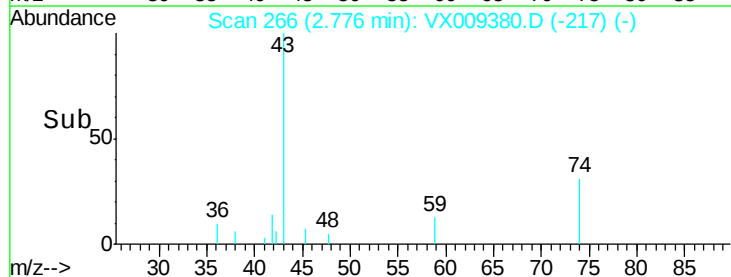
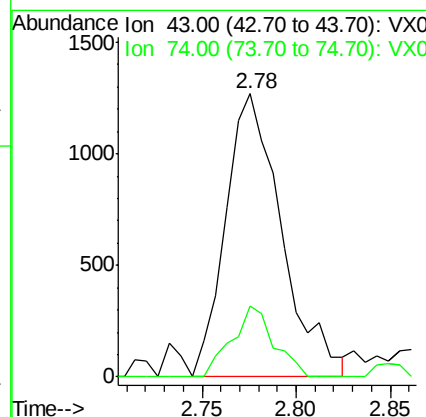
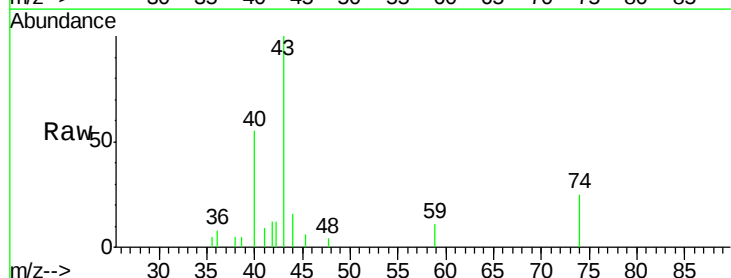
Acq: 07 May 2019 16:31

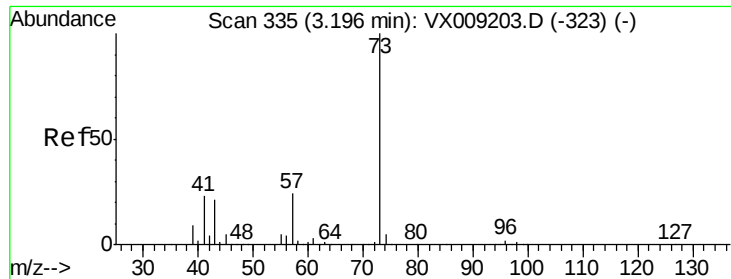
Tgt Ion: 43 Resp: 2623

Ion Ratio Lower Upper

43 100

74 18.7 16.2 24.4





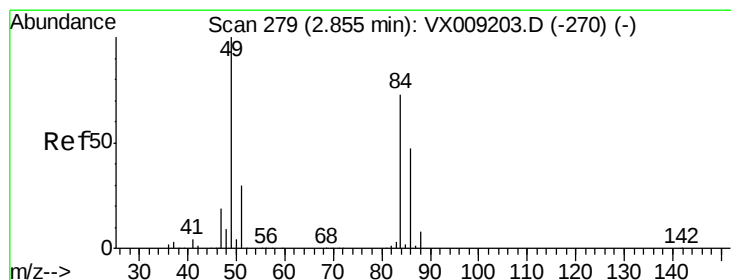
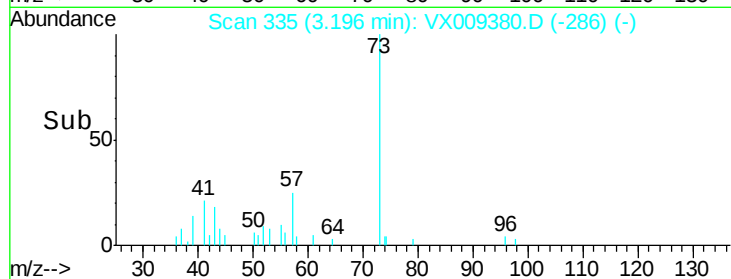
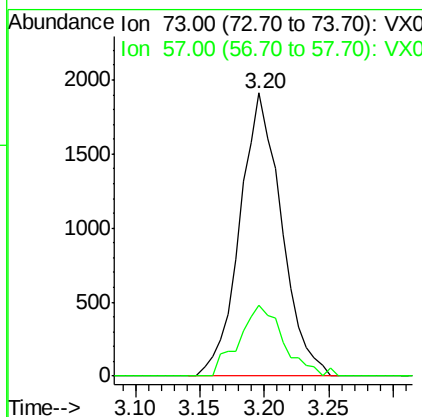
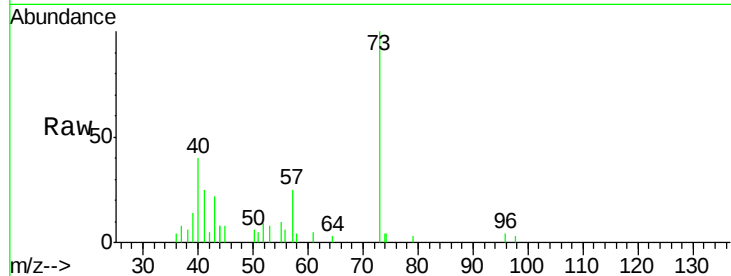
#19
Methvl tert-butvl Ether
Concen: 0.707 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX009380.D
Acq: 07 May 2019 16:31

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Tot Ion: 73 Resp: 4297
Ion Ratio Lower Upper
73 100
57 25.2 19.3 28.9

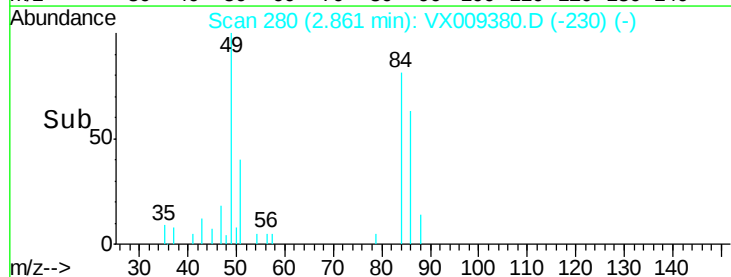
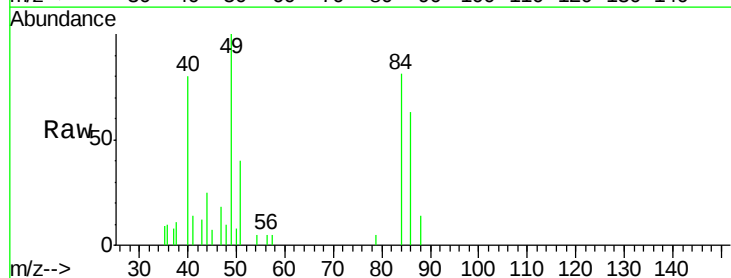
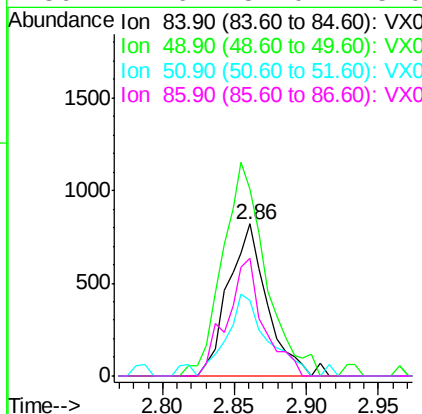
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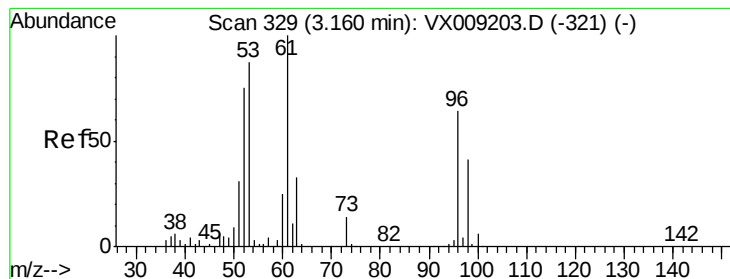
MMDadoda
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#20
Methylene Chloride
Concen: 0.784 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX009380.D
Acq: 07 May 2019 16:31

Tgt Ion: 84 Resp: 1553
Ion Ratio Lower Upper
84 100
49 123.2 109.9 164.9
51 49.8 32.7 49.1#
86 77.6 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 0.687 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX009380.D

Acq: 07 May 2019 16:31

Instrument :

MSVOA_X

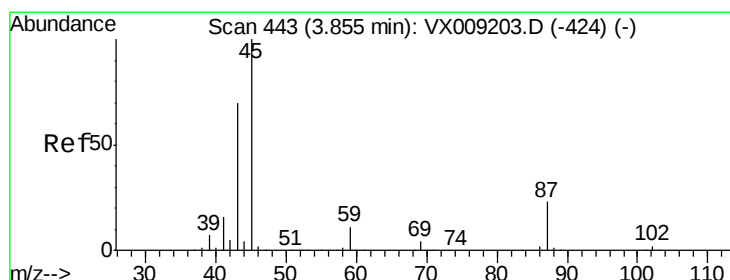
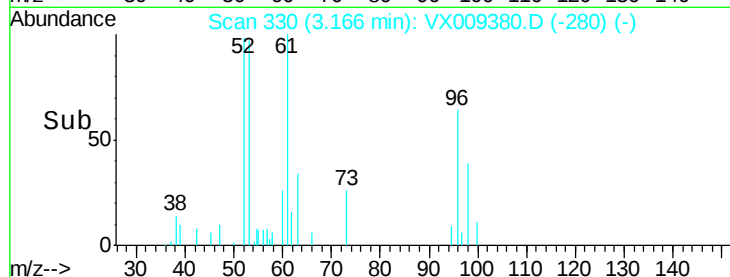
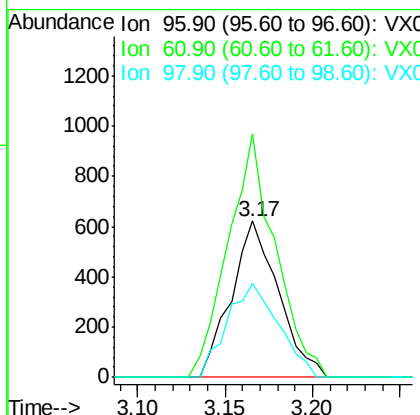
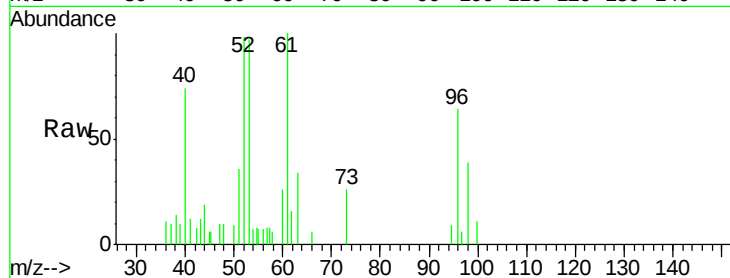
ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

Tot Ion:	96	Resp:	1166
Ion	Ratio	Lower	Upper
96	100		
61	155.5	124.5	186.7
98	60.0	50.4	75.6

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#22

Diisopropyl ether

Concen: 0.762 ug/l

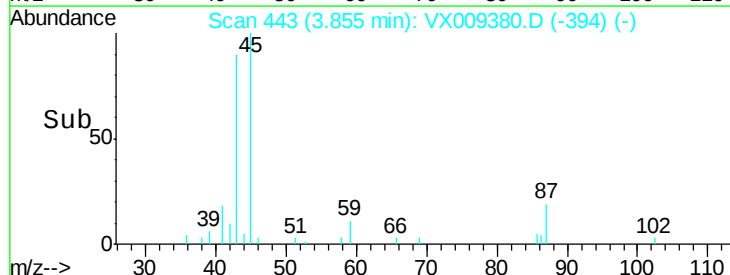
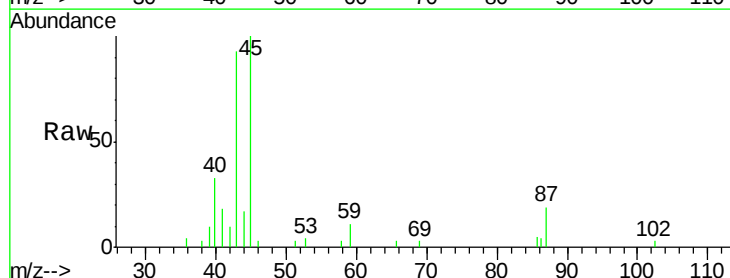
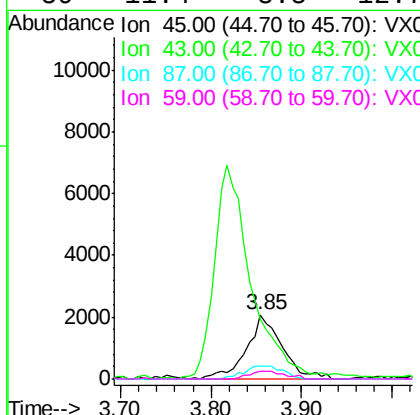
RT: 3.85 min Scan# 443

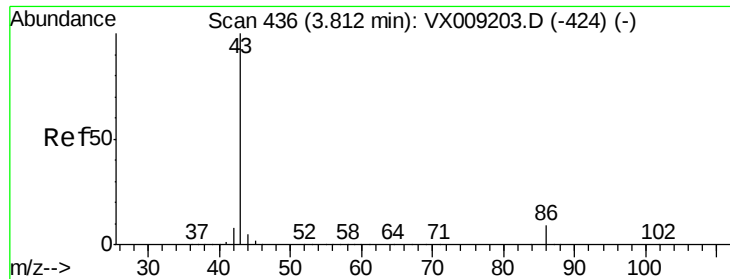
Delta R.T. 0.00 min

Lab File: VX009380.D

Acq: 07 May 2019 16:31

Tgt Ion:	45	Resp:	5591
Ion	Ratio	Lower	Upper
45	100		
43	88.1	56.1	84.1#
87	19.4	18.1	27.1
59	11.4	8.5	12.7





#23

Vinyl Acetate

Concen: 3.101 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.01 min

Lab File: VX009380.D

Acq: 07 May 2019 16:31

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

Tot Ion: 43 Resp: 19481

Ion Ratio Lower Upper

43 100

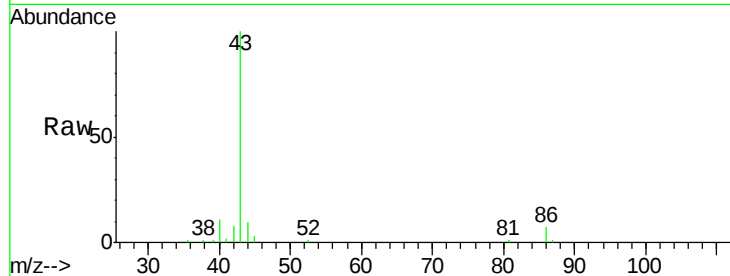
86 6.8 6.9 10.3#

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

8000

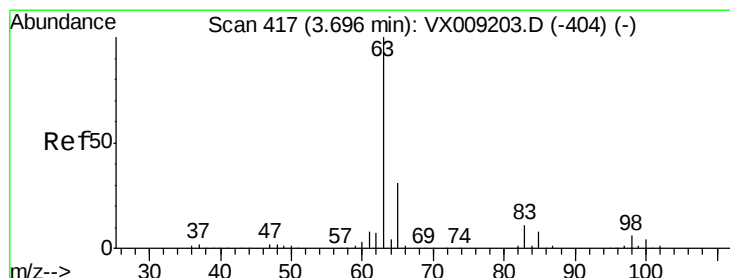
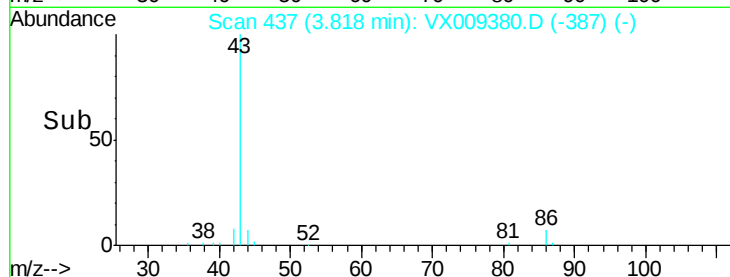
6000

4000

2000

0

Time-->



#24

1,1-Dichloroethane

Concen: 0.736 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX009380.D

Acq: 07 May 2019 16:31

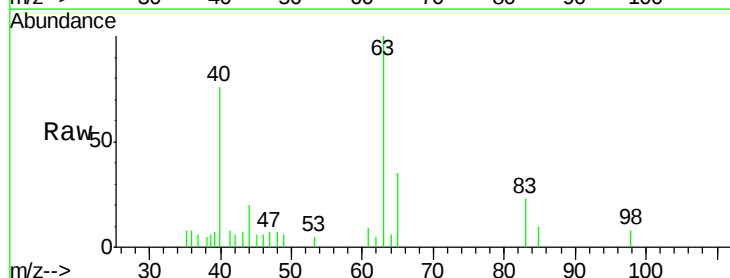
Tgt Ion: 63 Resp: 2665

Ion Ratio Lower Upper

63 100

98 8.4 3.0 9.2

100 0.0 2.0 6.0#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

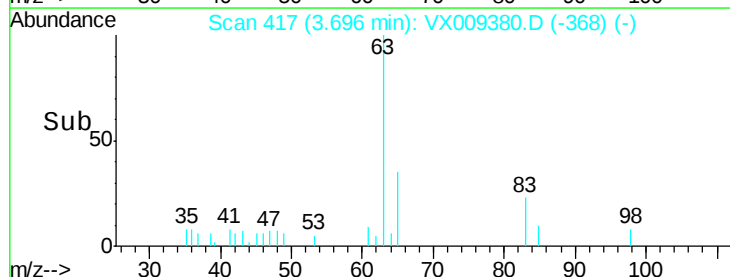
3.70

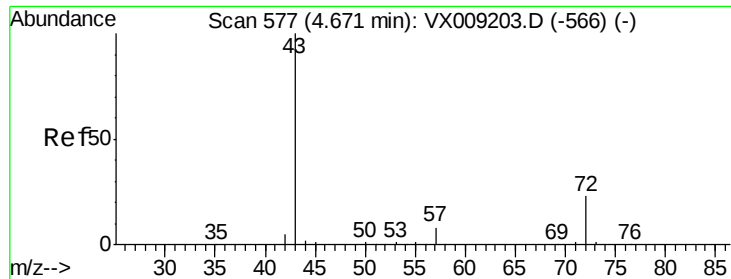
1000

500

0

Time-->





#25

2-Butanone

Concen: 3.847 ug/l

RT: 4.69 min Scan# 580

Delta R.T. 0.02 min

Lab File: VX009380.D

Acq: 07 May 2019 16:31

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

Tot Ion: 43 Resp: 7310

Ion Ratio Lower Upper

43 100

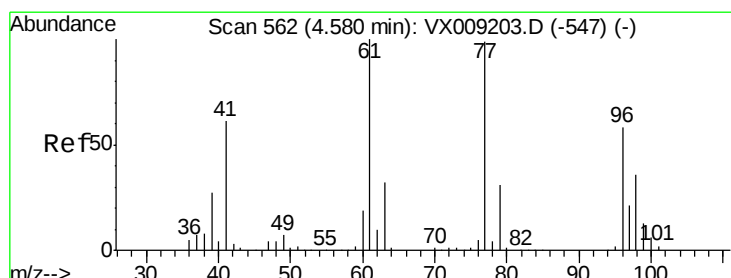
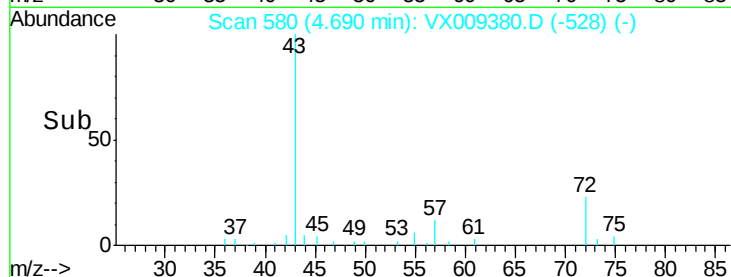
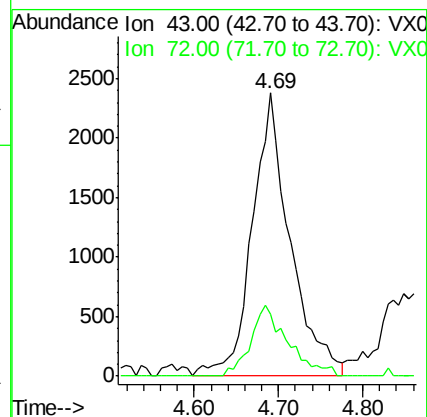
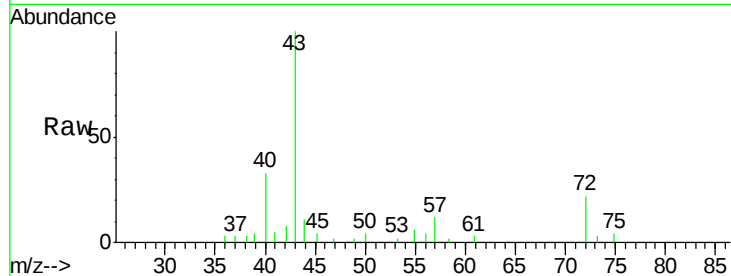
72 21.7 18.2 27.2

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#26

2,2-Dichloropropane

Concen: 0.651 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX009380.D

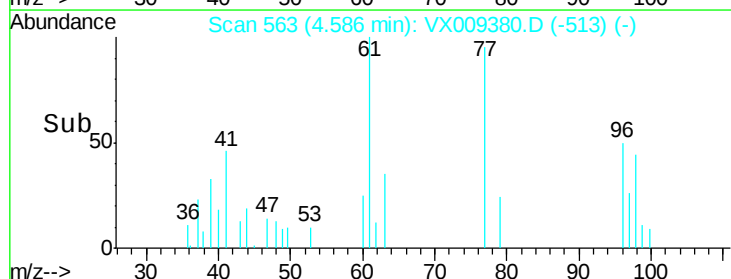
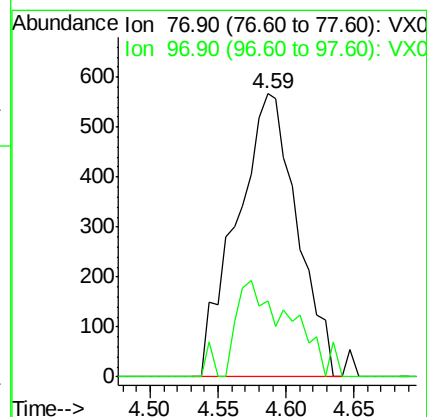
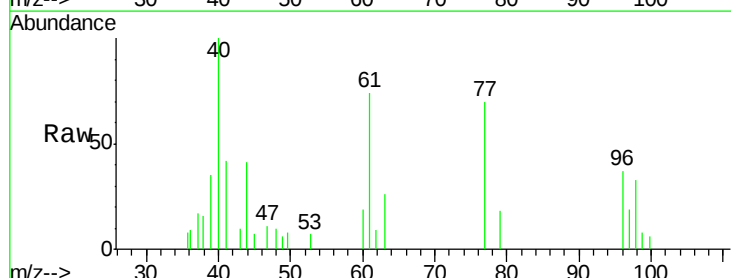
Acq: 07 May 2019 16:31

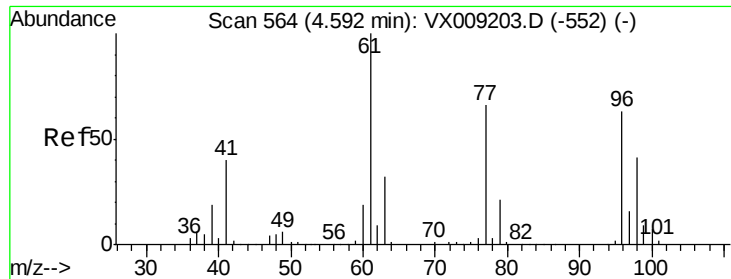
Tgt Ion: 77 Resp: 1753

Ion Ratio Lower Upper

77 100

97 18.4 11.5 34.4





#27

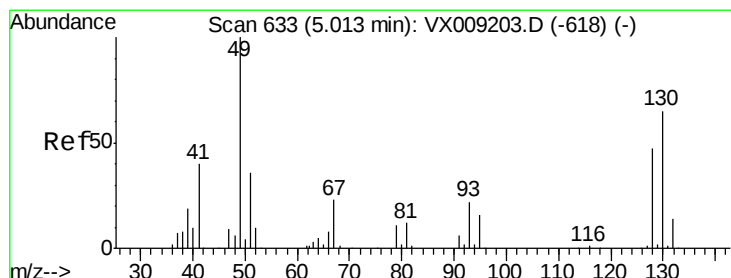
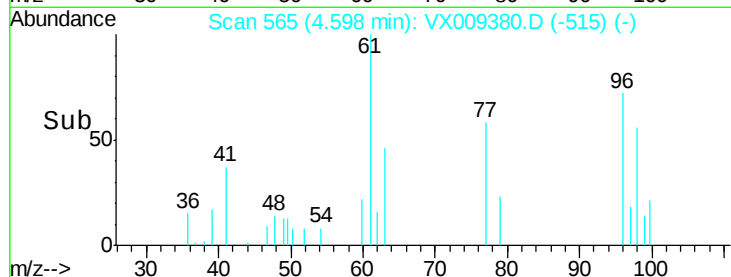
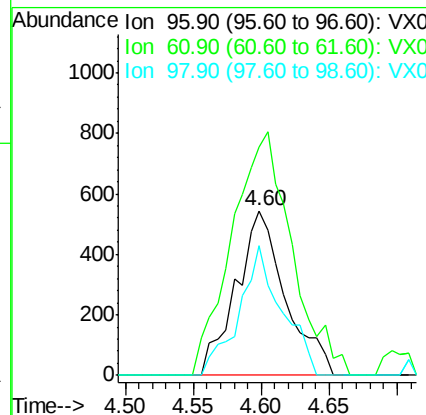
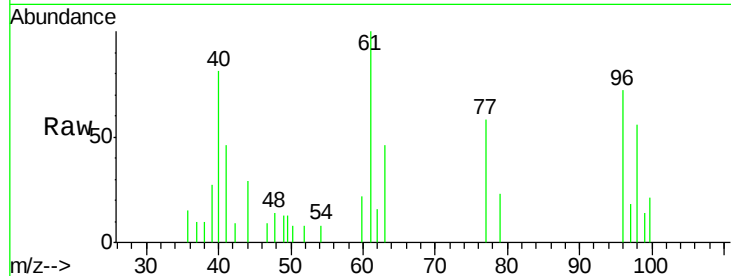
cis-1,2-Dichloroethene
Concen: 0.680 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX009380.D
Acq: 07 May 2019 16:31

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Tot Ion	Ratio	Lower	Upper
96	100		
61	180.5	0.0	324.0
98	68.0	0.0	130.4

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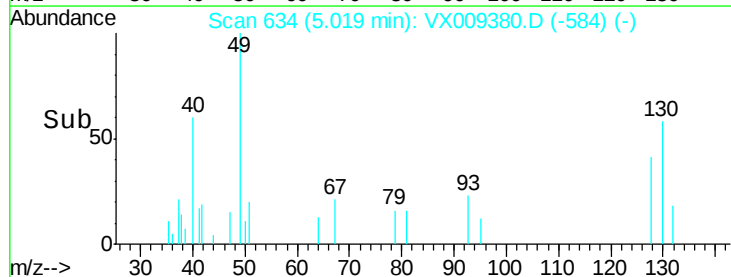
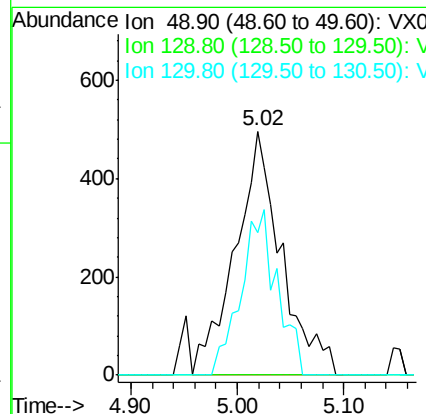
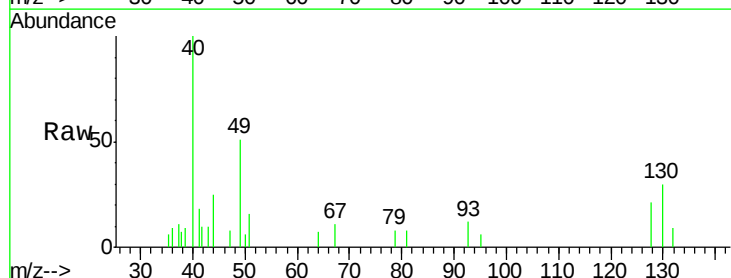
MMDadoda
5/8/2019 10:26:15 AM

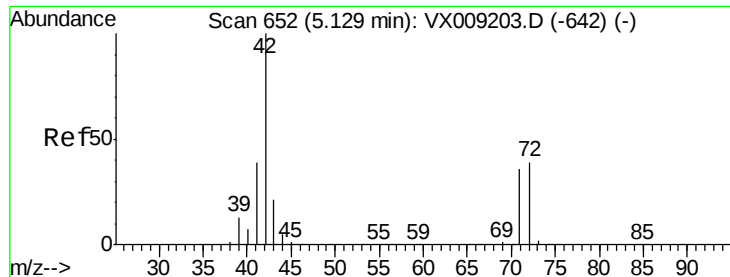


#28

Bromochloromethane
Concen: 0.926 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.01 min
Lab File: VX009380.D
Acq: 07 May 2019 16:31

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	53.4	51.2	76.8





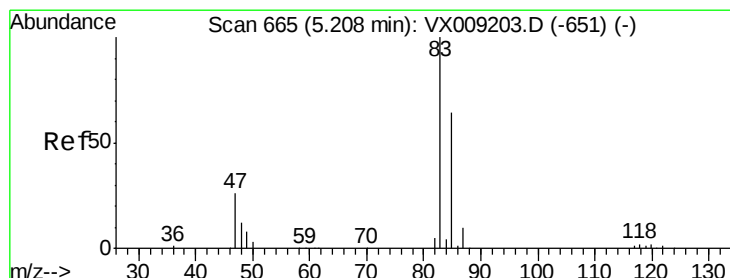
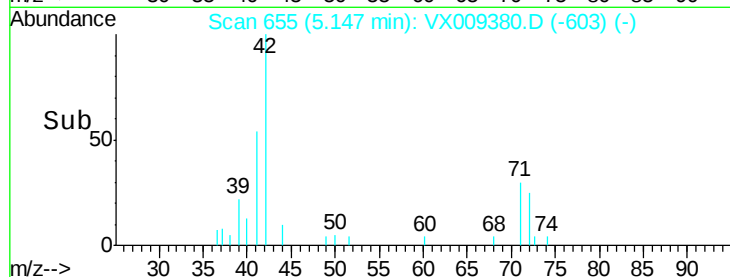
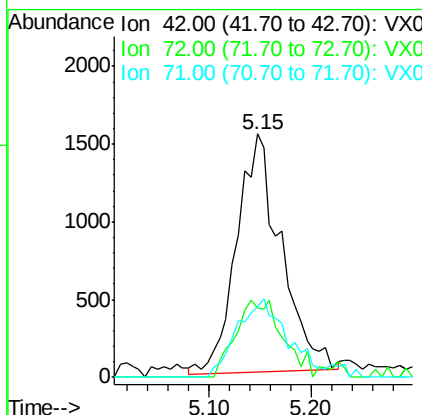
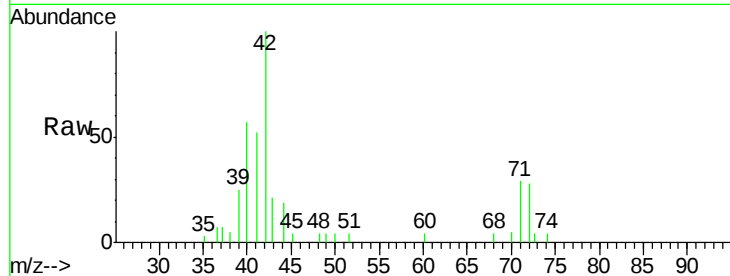
#29
Tetrahydrofuran
Concen: 3.785 ug/l
RT: 5.15 min Scan# 655
Delta R.T. 0.02 min
Lab File: VX009380.D
Acq: 07 May 2019 16:31

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Tot Ion:	42	Resp:	4628
Ion	Ratio	Lower	Upper
42	100		
72	35.4	30.4	45.6
71	37.3	28.6	43.0

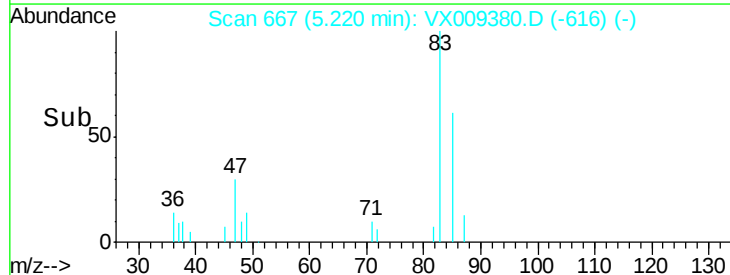
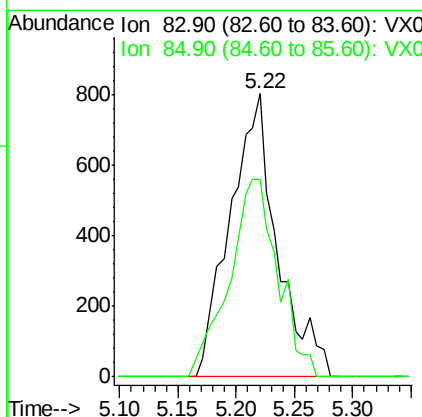
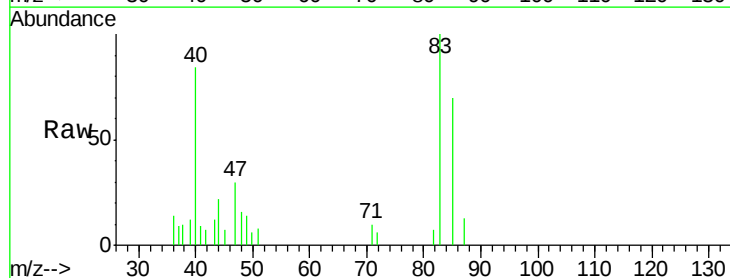
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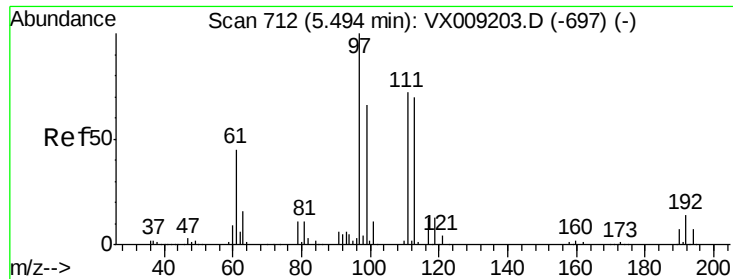
MMDadoda
5/8/2019 10:26:15 AM



#30
Chloroform
Concen: 0.692 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX009380.D
Acq: 07 May 2019 16:31

Tgt Ion:	83	Resp:	2264
Ion	Ratio	Lower	Upper
83	100		
85	69.7	51.5	77.3





#32

1,1,1-Trichloroethane

Concen: 0.658 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX009380.D

Acq: 07 May 2019 16:31

Instrument :

MSVOA_X

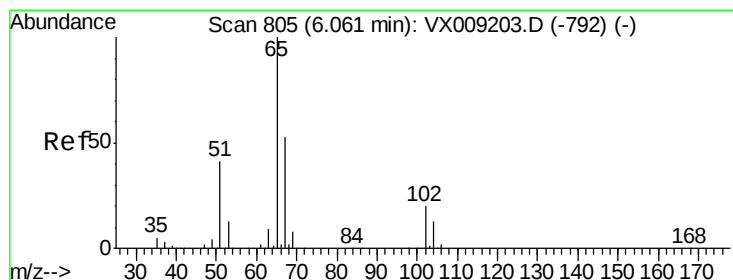
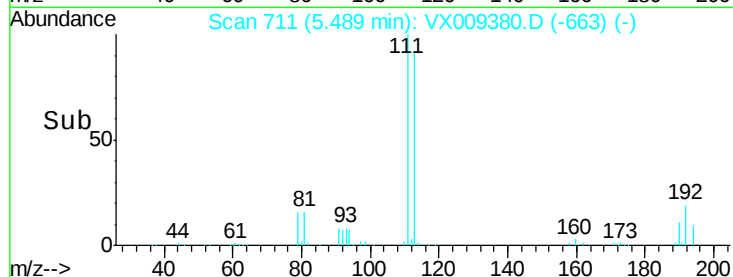
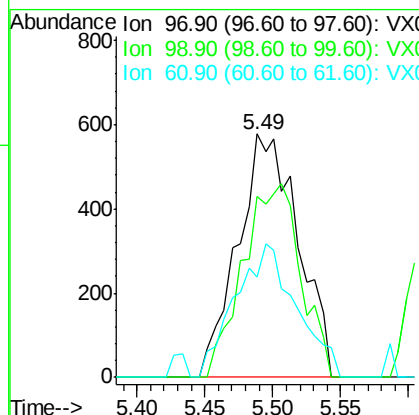
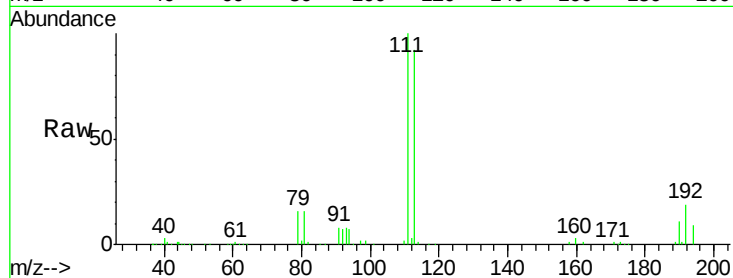
ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

Tot Ion:	97	Resp:	1794
Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.8	77.8#
61	55.5	37.8	56.8

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#33

1,2-Dichloroethane-d4

Concen: 47.581 ug/l

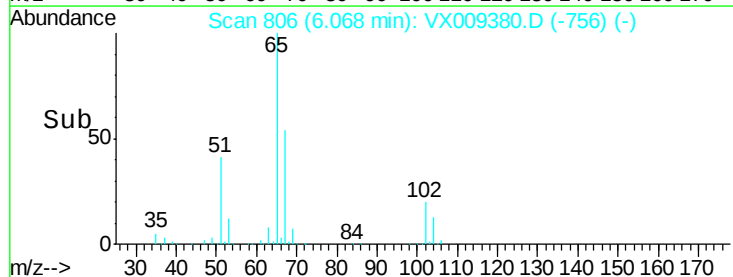
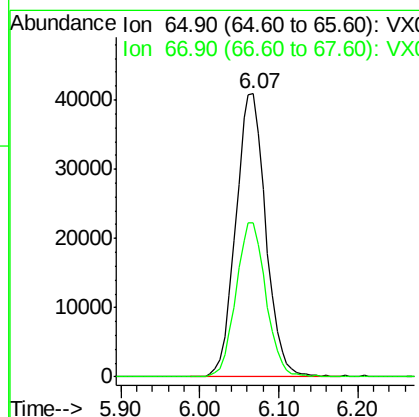
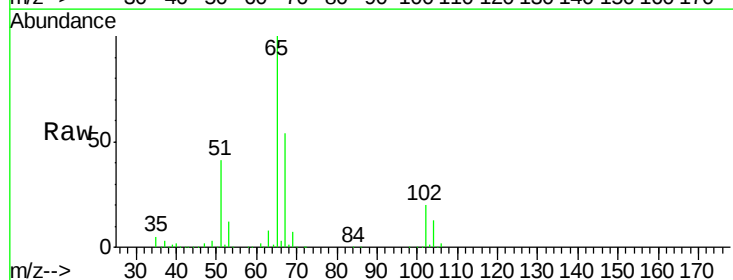
RT: 6.07 min Scan# 806

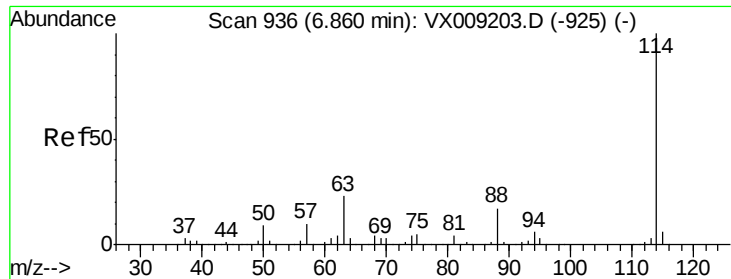
Delta R.T. 0.01 min

Lab File: VX009380.D

Acq: 07 May 2019 16:31

Tgt Ion:	65	Resp:	108362
Ion	Ratio	Lower	Upper
65	100		
67	54.3	0.0	106.6





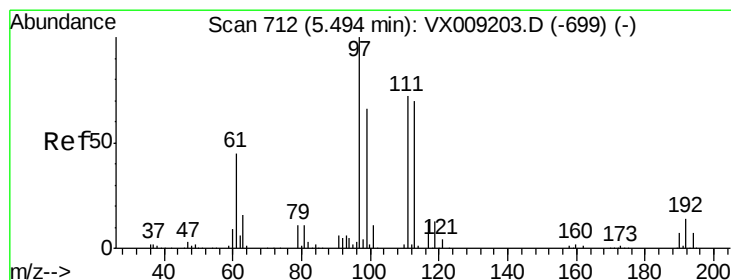
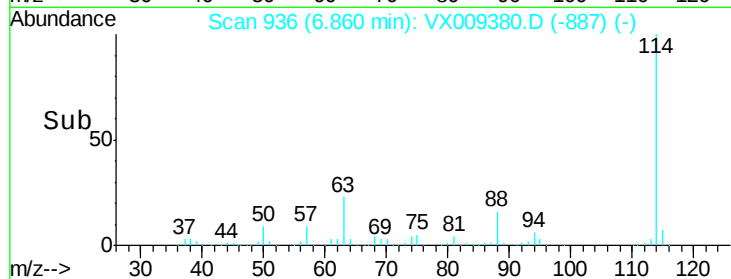
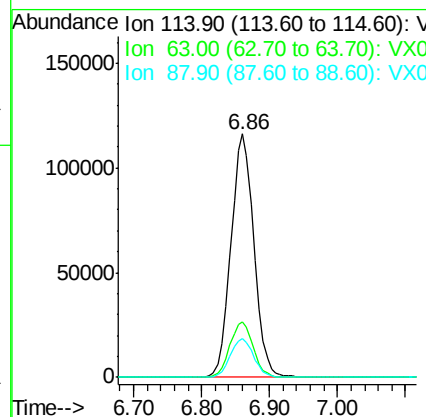
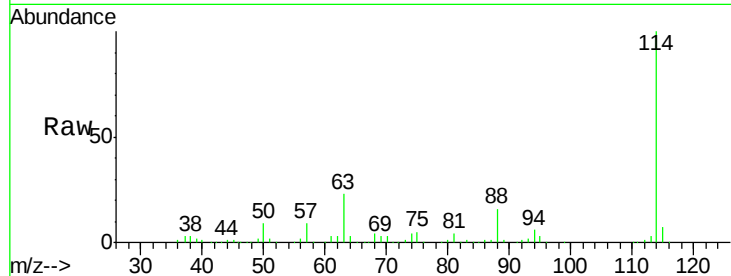
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009380.D
 Acq: 07 May 2019 16:31

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2019

Tot Ion	Ratio	Resp	Lower	Upper
114	100	271621		
63	22.8	0.0	45.6	
88	16.1	0.0	33.2	

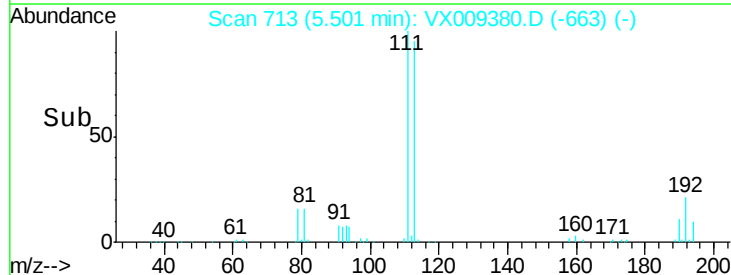
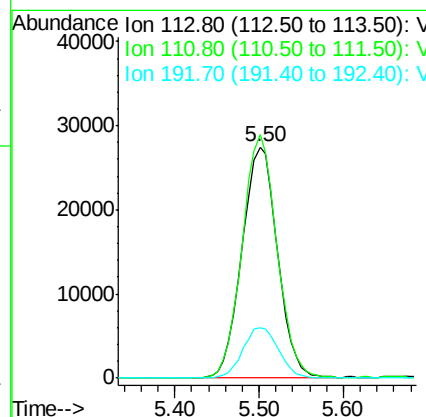
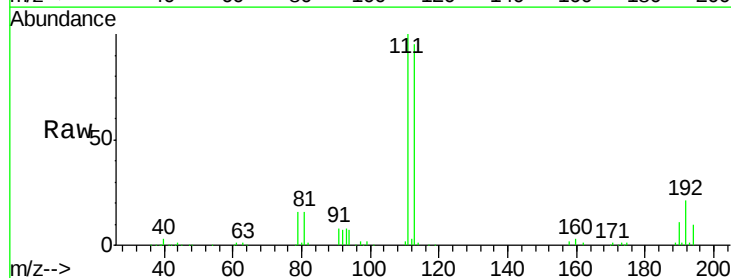
Manual Integrations
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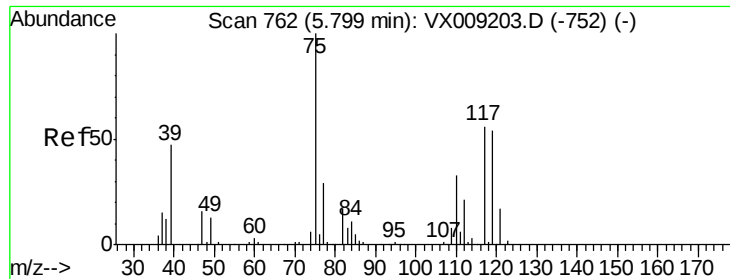
MMDadoda
 5/8/2019 10:26:15 AM



#35
 Dibromofluoromethane
 Concen: 46.024 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009380.D
 Acq: 07 May 2019 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	78586		
111	103.2	82.8	124.2	
192	21.8	17.0	25.6	





#36

1,1-Dichloropropene

Concen: 0.756 ug/l

RT: 5.81 min Scan# 763

Delta R.T. 0.01 min

Lab File: VX009380.D

Acq: 07 May 2019 16:31

Instrument :

MSVOA_X

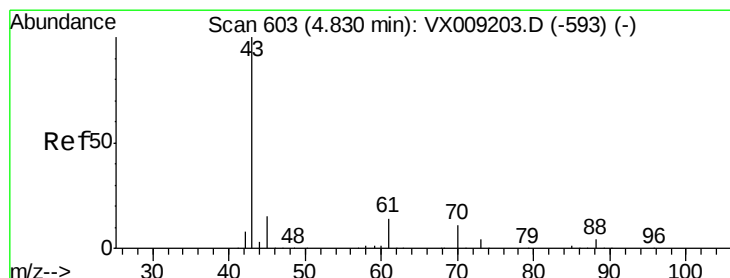
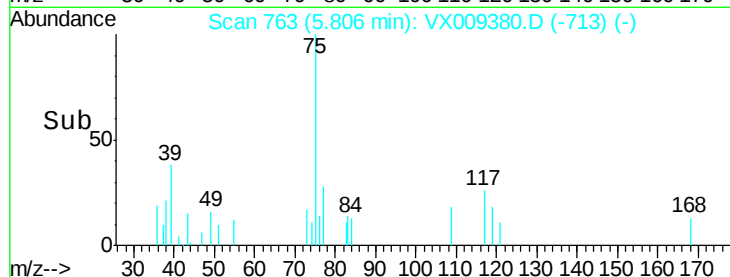
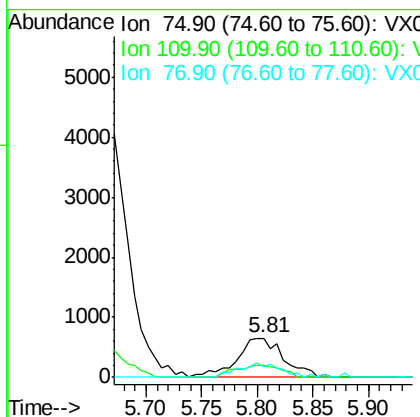
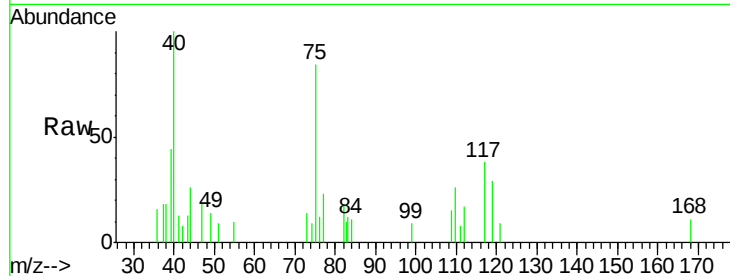
ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

Tot Ion:	75	Resp:	1909
Ion	Ratio	Lower	Upper
75	100		
110	31.0	16.9	50.6
77	32.1	24.8	37.2

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#37

Ethyl Acetate

Concen: 0.573 ug/l

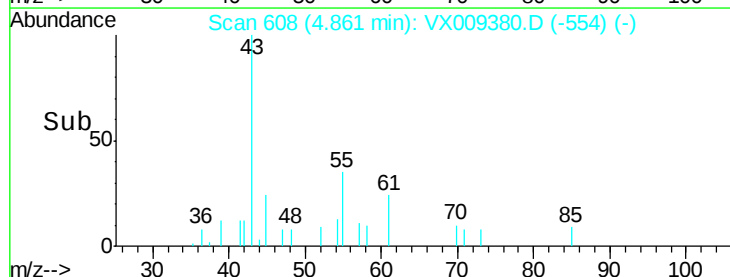
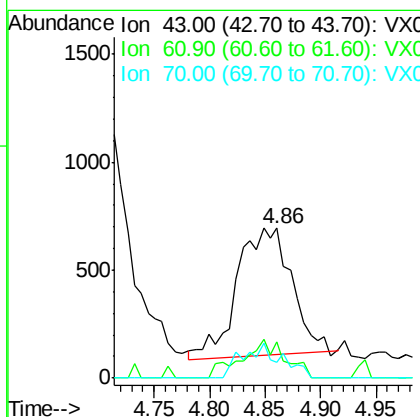
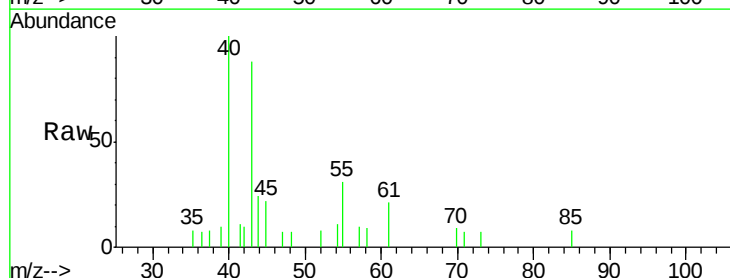
RT: 4.86 min Scan# 608

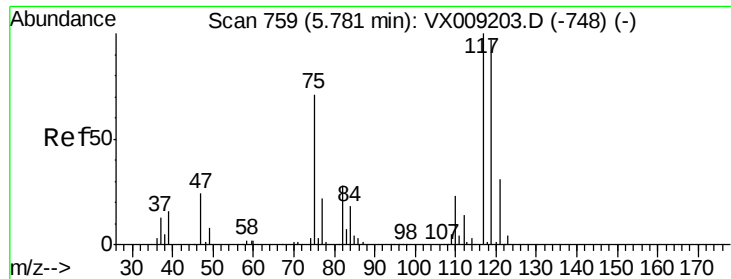
Delta R.T. 0.03 min

Lab File: VX009380.D

Acq: 07 May 2019 16:31

Tgt Ion:	43	Resp:	2016
Ion	Ratio	Lower	Upper
43	100		
61	23.9	10.5	15.7#
70	14.4	7.9	11.9#





#38

Carbon Tetrachloride

Concen: 0.712 ug/l

RT: 5.79 min Scan# 760

Delta R.T. 0.01 min

Lab File: VX009380.D

Acq: 07 May 2019 16:31

Instrument :

MSVOA_X

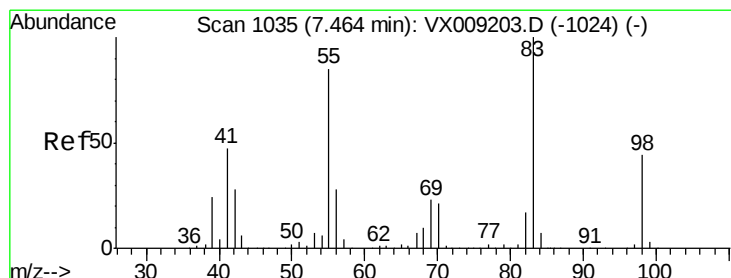
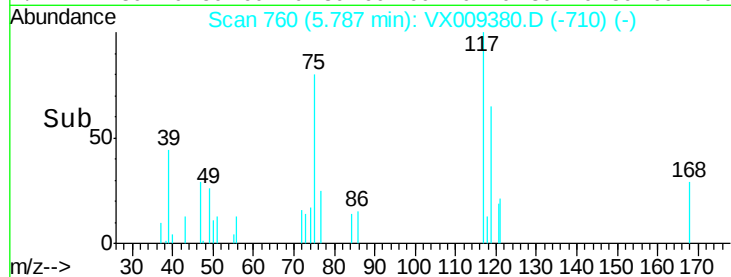
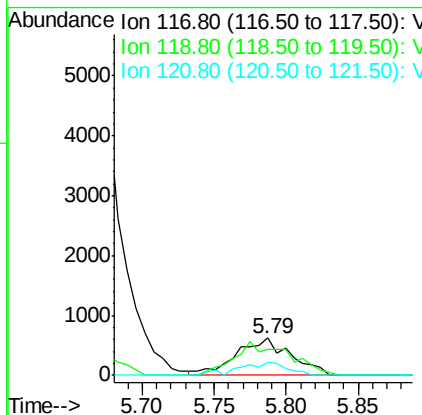
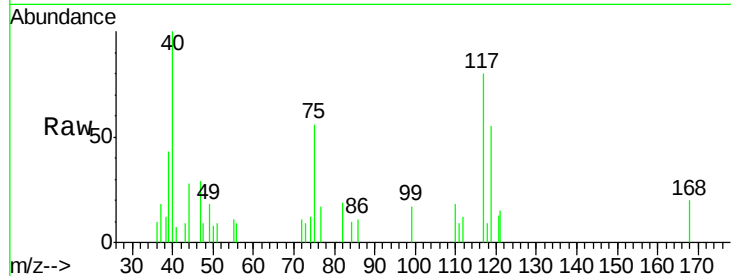
ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

Tot Ion	Ratio	Lower	Upper
117	100		
119	68.8	77.5	116.3#
121	34.8	24.7	37.1

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#39

Methylcyclohexane

Concen: 0.594 ug/l

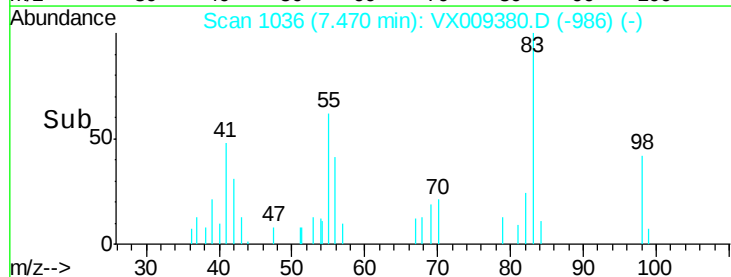
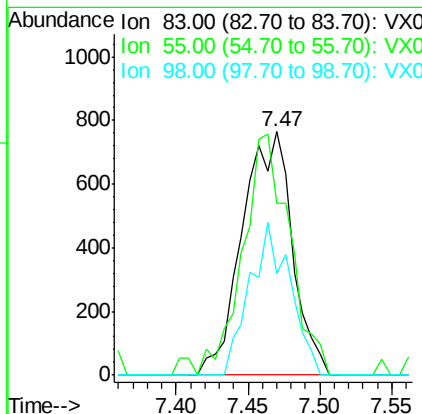
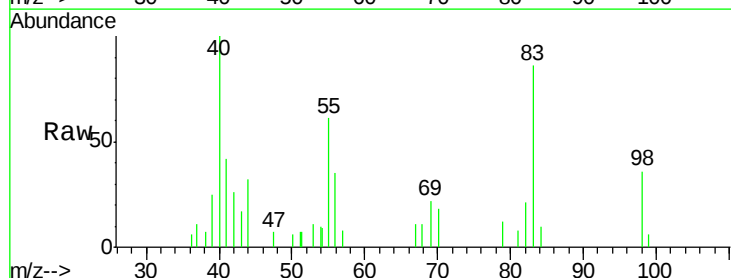
RT: 7.47 min Scan# 1036

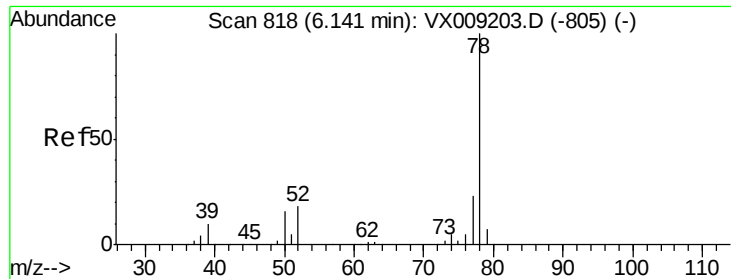
Delta R.T. 0.01 min

Lab File: VX009380.D

Acq: 07 May 2019 16:31

Tgt Ion	Ratio	Lower	Upper
83	100		
55	70.5	67.7	101.5
98	41.8	35.5	53.3





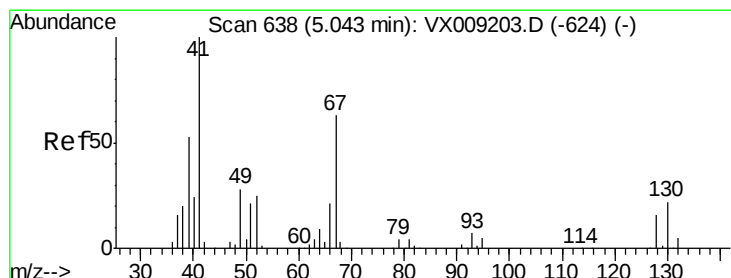
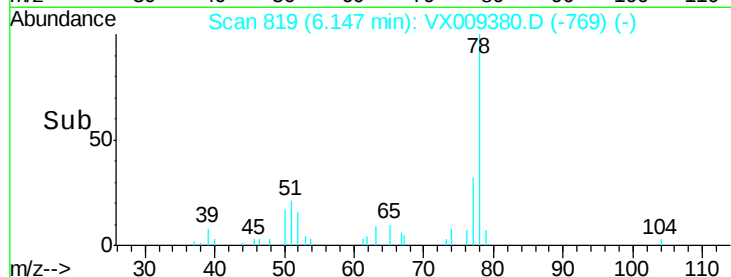
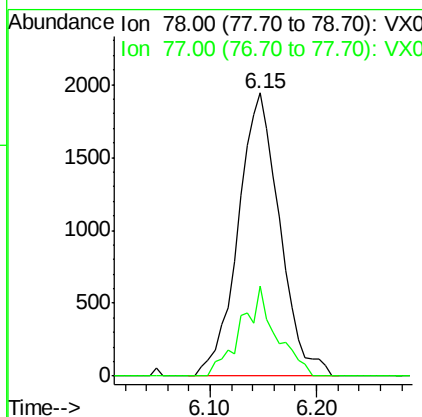
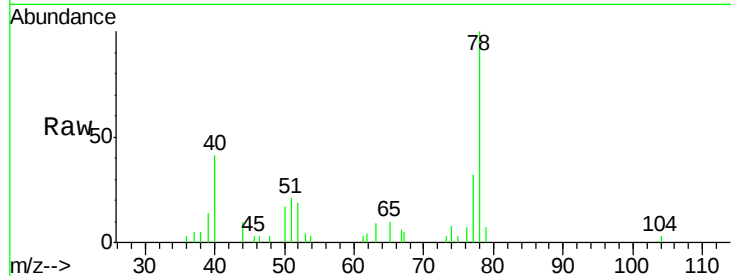
#40
Benzene
Concen: 0.681 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX009380.D
Acq: 07 May 2019 16:31

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Tot Ion: 78 Resp: 5321
Ion Ratio Lower Upper
78 100
77 31.9 18.8 28.2#

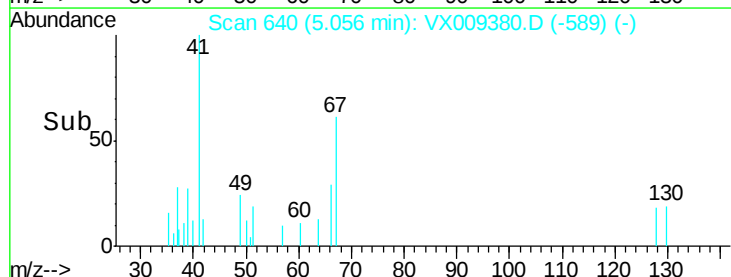
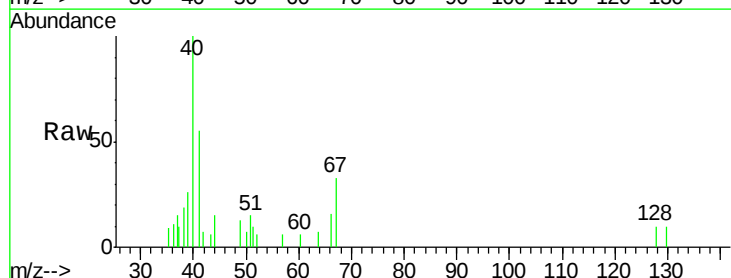
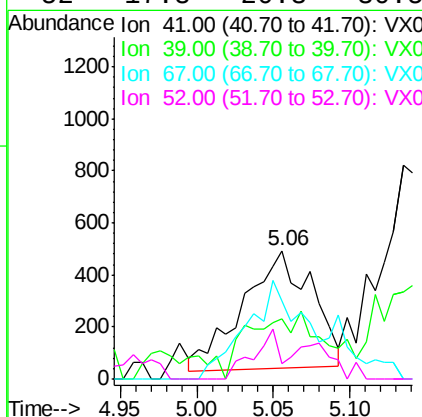
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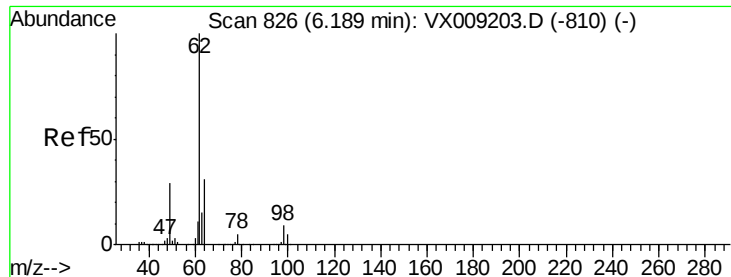
MMDadoda
5/8/2019 10:26:15 AM



#41
Methacrylonitrile
Concen: 0.673 ug/l
RT: 5.06 min Scan# 640
Delta R.T. 0.01 min
Lab File: VX009380.D
Acq: 07 May 2019 16:31

Tgt Ion: 41 Resp: 1408
Ion Ratio Lower Upper
41 100
39 0.0 42.0 63.0#
67 67.0 49.8 74.8
52 17.8 20.3 30.5#





#42

1,2-Dichloroethane

Concen: 0.792 ug/l

RT: 6.19 min Scan# 826

Delta R.T. 0.00 min

Lab File: VX009380.D

Acq: 07 May 2019 16:31

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

Tot Ion: 62 Resp: 2219

Ion Ratio Lower Upper

62 100

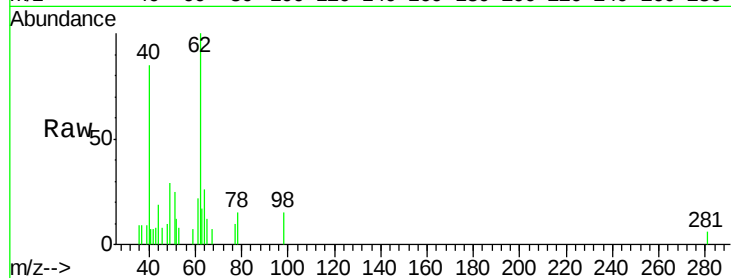
98 10.4 0.0 18.2

Manual Integrations

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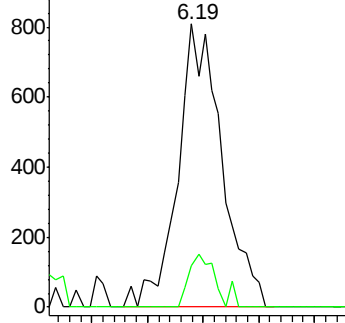
MMDadoda

5/8/2019 10:26:15 AM

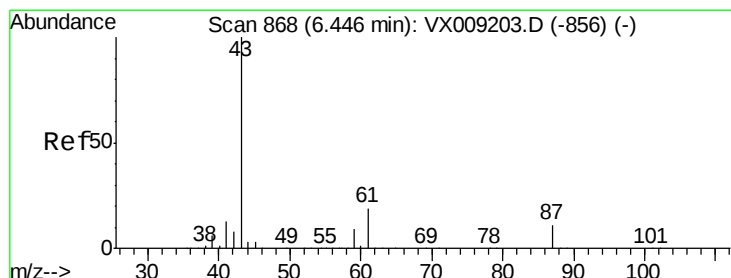
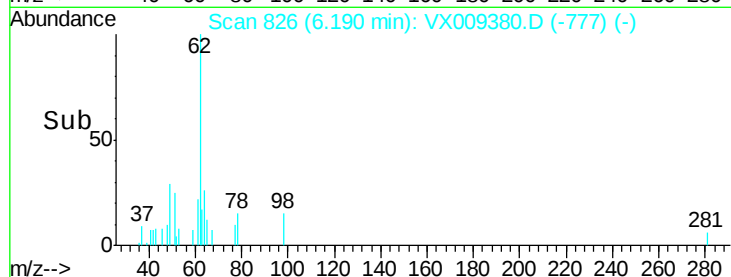


Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



Time-->



#43

Isopropyl Acetate

Concen: 0.667 ug/l

RT: 6.45 min Scan# 869

Delta R.T. 0.01 min

Lab File: VX009380.D

Acq: 07 May 2019 16:31

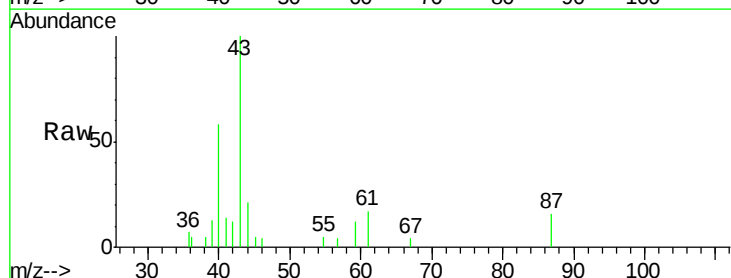
Tgt Ion: 43 Resp: 3752

Ion Ratio Lower Upper

43 100

61 21.1 15.1 22.7

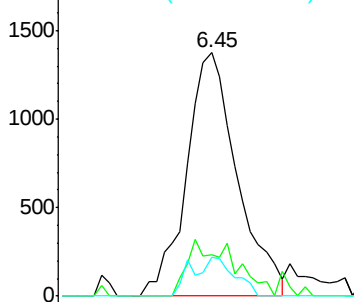
87 13.6 9.0 13.6#



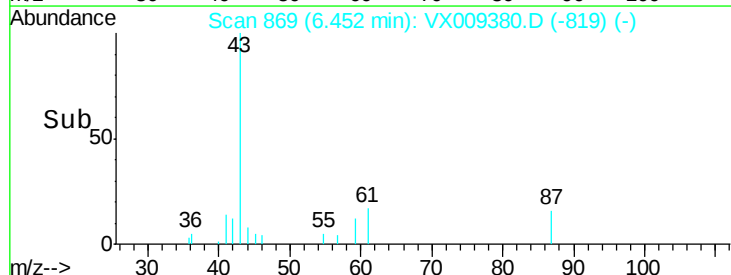
Abundance Ion 43.00 (42.70 to 43.70): VX0

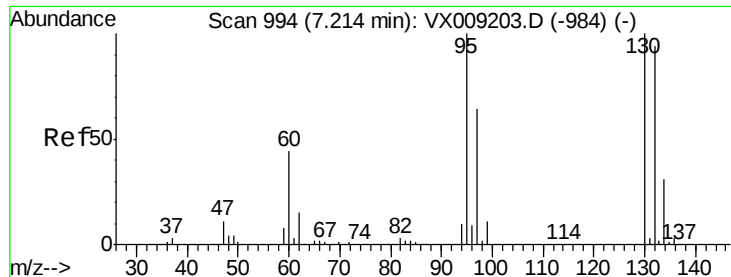
Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



Time-->





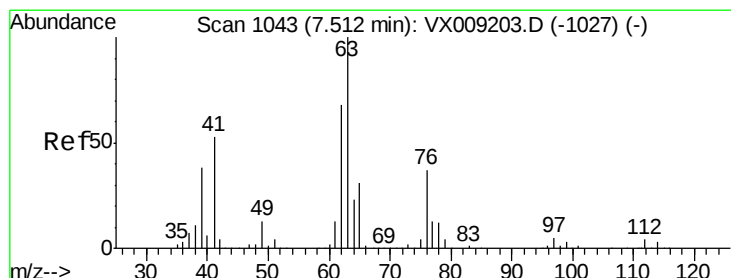
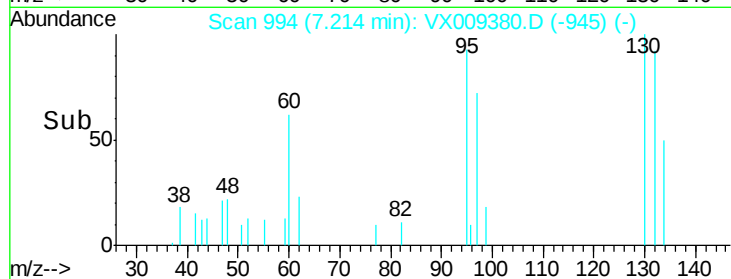
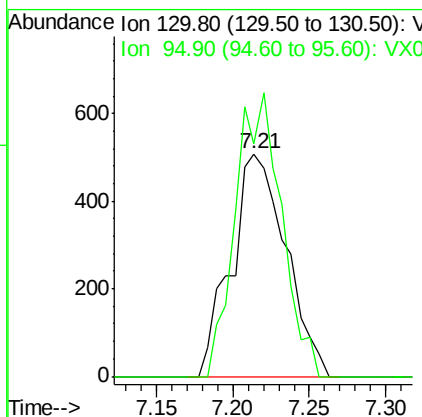
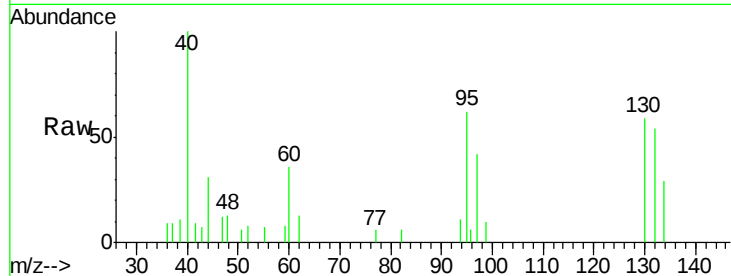
#44
 Trichloroethene
 Concen: 0.668 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX009380.D
 Acq: 07 May 2019 16:31

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2019

Tot Ion:130 Resp: 1262
 Ion Ratio Lower Upper
 130 100
 95 104.7 0.0 199.2

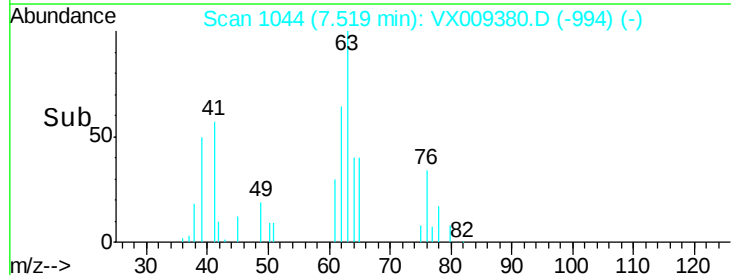
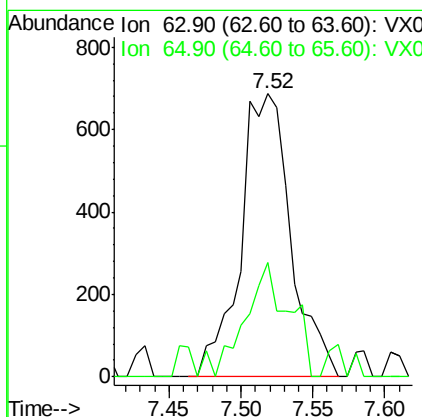
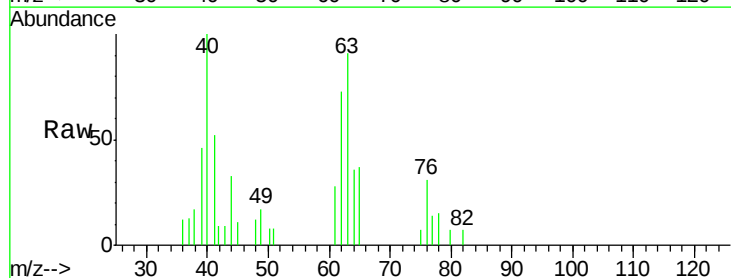
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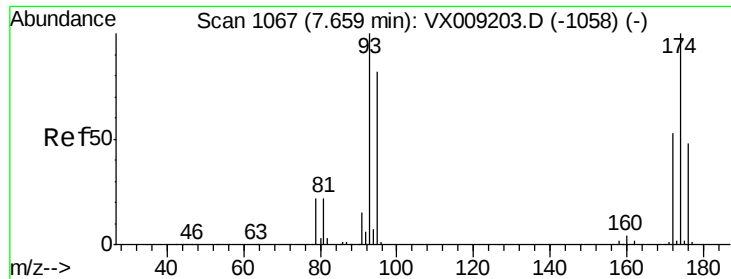
MMDadoda
 5/8/2019 10:26:15 AM



#45
 1,2-Dichloropropane
 Concen: 0.749 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.01 min
 Lab File: VX009380.D
 Acq: 07 May 2019 16:31

Tgt Ion: 63 Resp: 1657
 Ion Ratio Lower Upper
 63 100
 65 29.8 25.0 37.6





#46

Dibromomethane

Concen: 0.732 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX009380.D

Acq: 07 May 2019 16:31

Instrument :

MSVOA_X

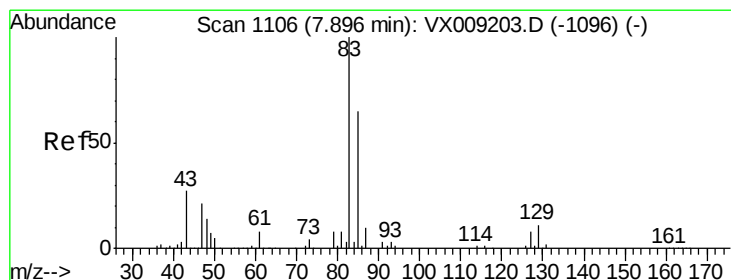
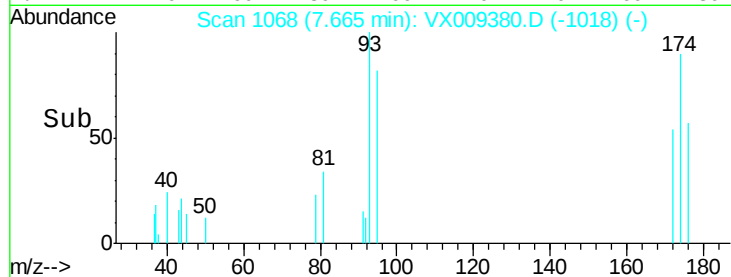
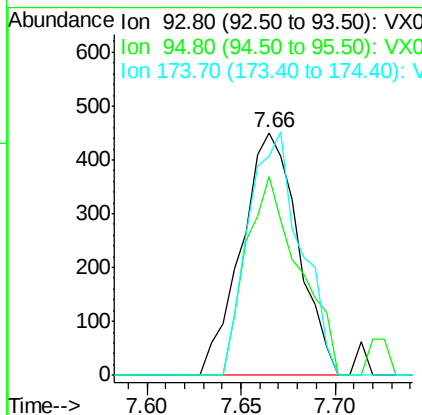
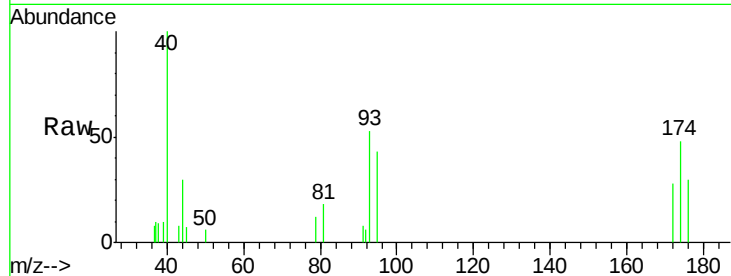
ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

Tot Ion:	93	Resp:	940
Ion	Ratio	Lower	Upper
93	100		
95	76.8	66.5	99.7
174	92.1	82.1	123.1

Manual Integrations
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MMDadoda
5/8/2019 10:26:15 AM



#47

Bromodichloromethane

Concen: 0.659 ug/l

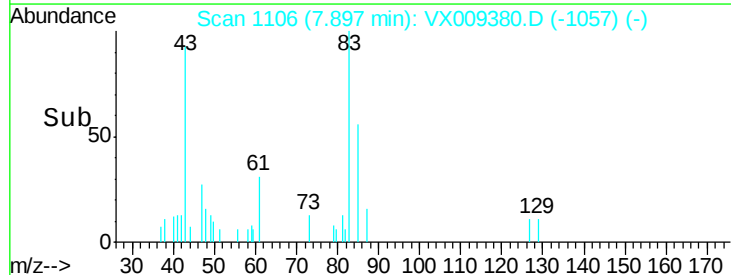
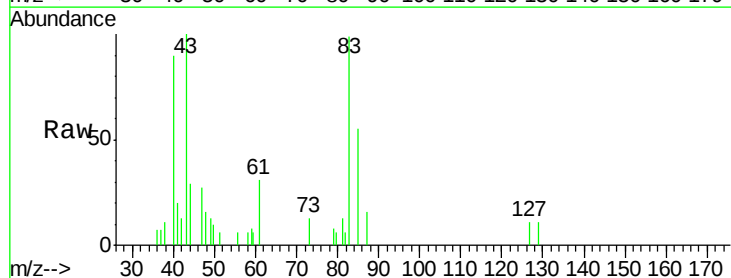
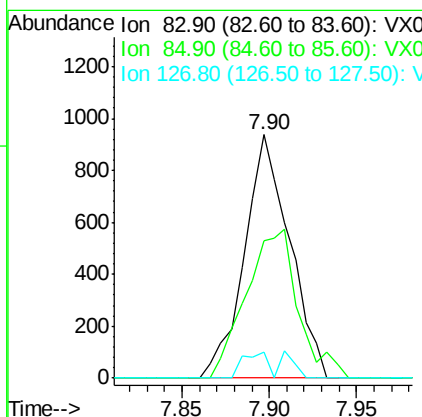
RT: 7.90 min Scan# 1106

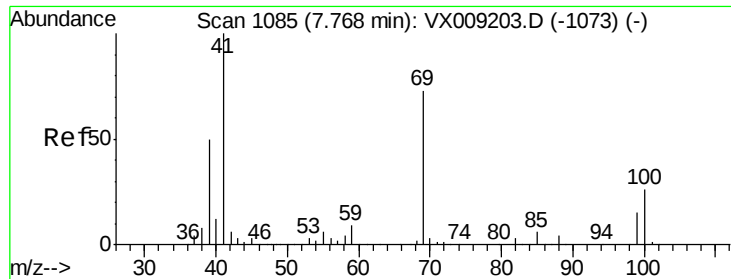
Delta R.T. 0.00 min

Lab File: VX009380.D

Acq: 07 May 2019 16:31

Tgt Ion:	83	Resp:	1688
Ion	Ratio	Lower	Upper
83	100		
85	56.2	52.4	78.6
127	10.9	6.6	10.0#





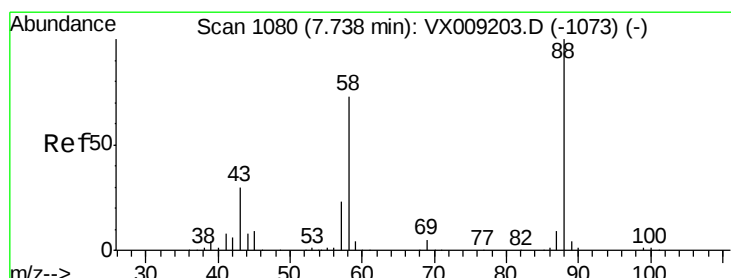
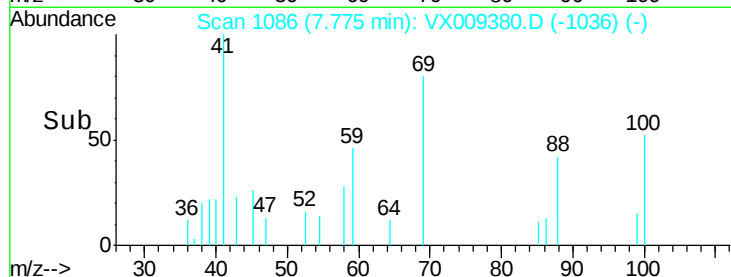
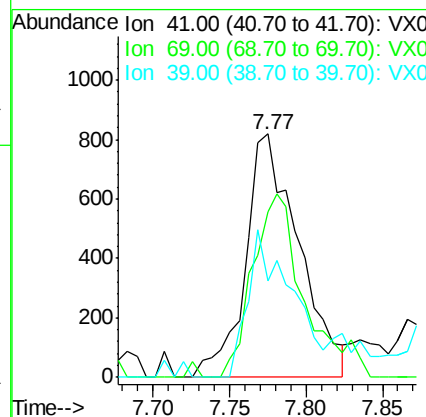
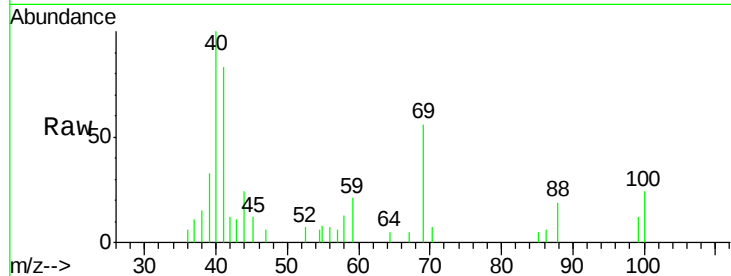
#48
Methvl methacrylate
Concen: 0.713 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. 0.01 min
Lab File: VX009380.D
Acq: 07 May 2019 16:31

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Tot Ion	Ratio	Lower	Upper
41	100		
69	72.9	59.1	88.7
39	49.7	40.4	60.6

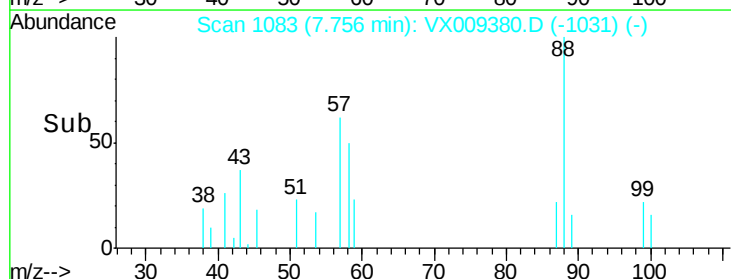
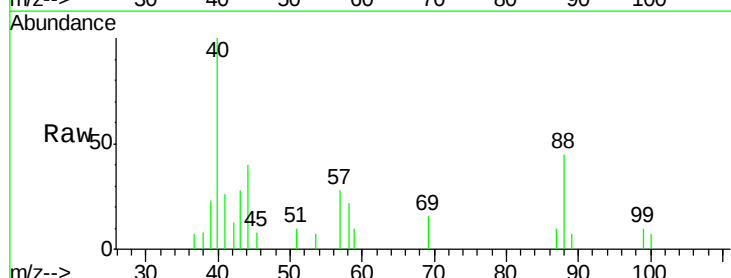
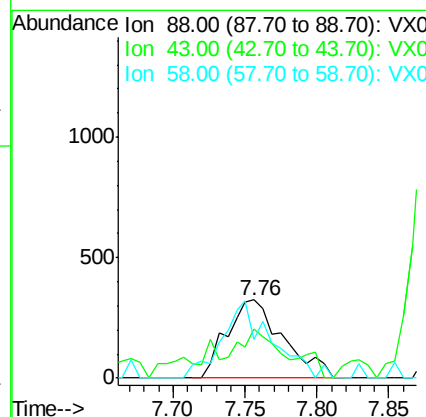
Manual Integrations
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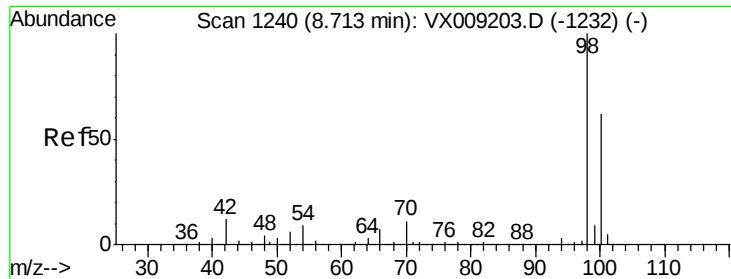
MMDadoda
5/8/2019 10:26:15 AM



#49
1,4-Dioxane
Concen: 15.530 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.02 min
Lab File: VX009380.D
Acq: 07 May 2019 16:31

Tgt Ion	Ratio	Lower	Upper
88	100		
43	20.0	28.6	42.8#
58	87.8	61.7	92.5





#50

Toluene-d8

Concen: 45.748 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009380.D

Acq: 07 May 2019 16:31

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

Tot Ion: 98 Resp: 315374

Ion Ratio Lower Upper

98 100

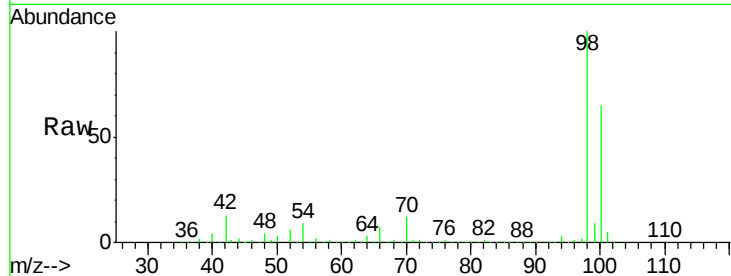
100 63.9 51.2 76.8

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Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

200000

150000

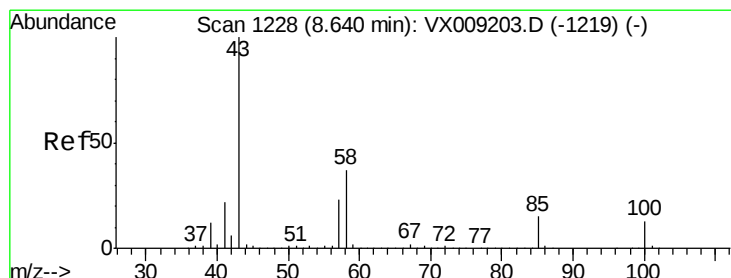
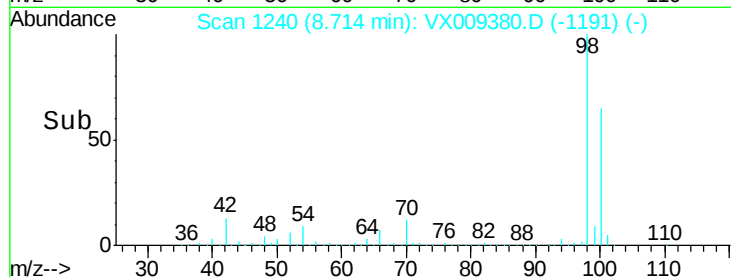
100000

50000

0

8.60 8.70 8.80

Time-->



#51

4-Methyl-2-Pentanone

Concen: 3.346 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX009380.D

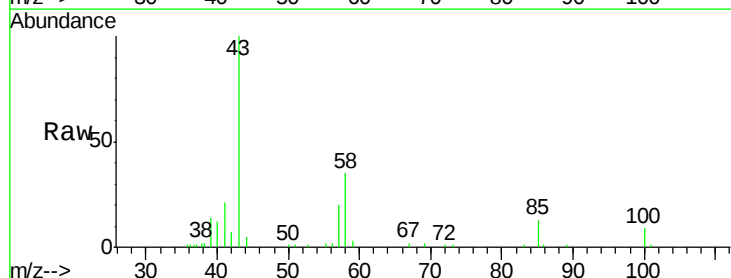
Acq: 07 May 2019 16:31

Tgt Ion: 43 Resp: 12303

Ion Ratio Lower Upper

43 100

58 36.2 29.5 44.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8000

6000

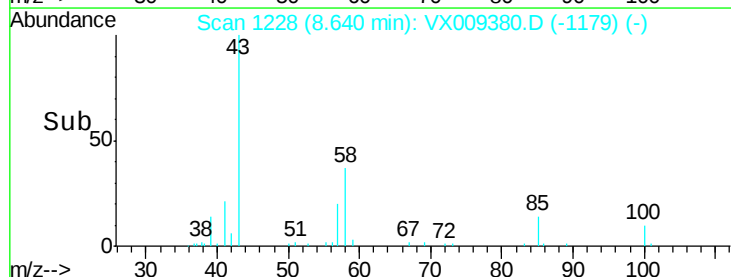
4000

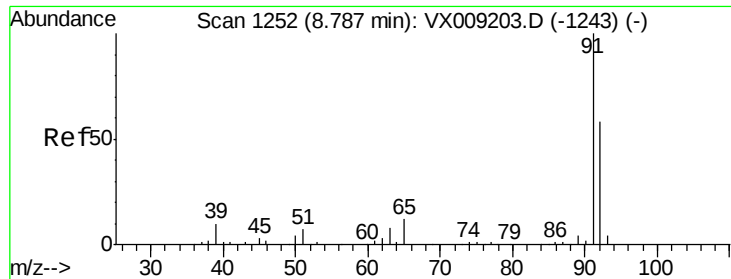
2000

0

8.55 8.60 8.65 8.70

Time-->





#52

Toluene

Concen: 0.686 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX009380.D

Acq: 07 May 2019 16:31

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

Tot Ion: 92 Resp: 3258

Ion Ratio Lower Upper

92 100

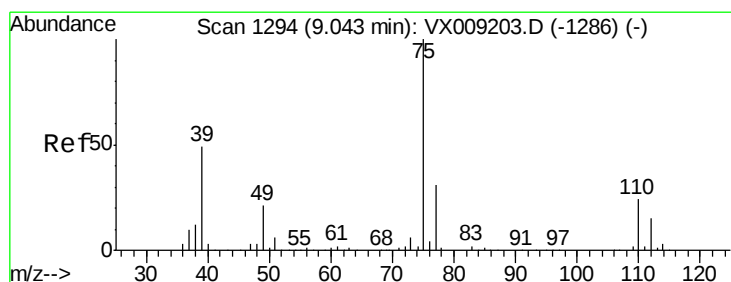
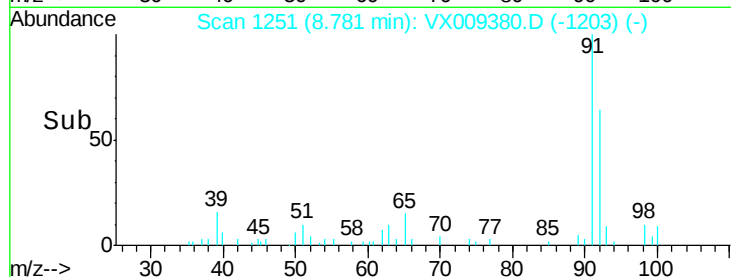
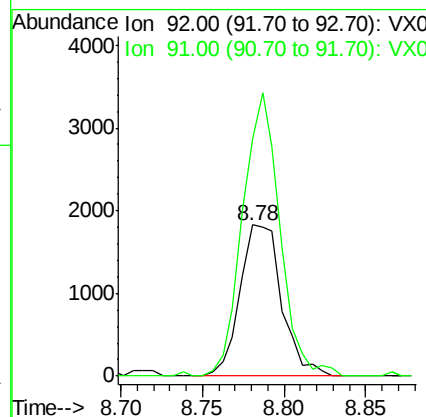
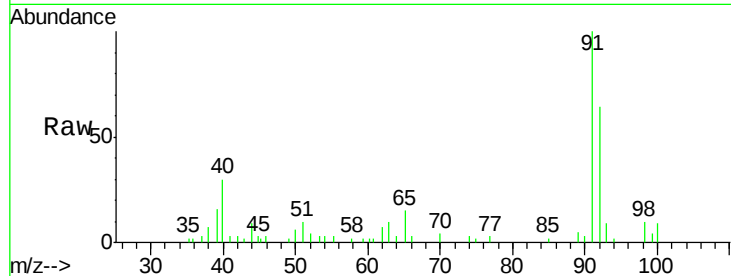
91 167.5 138.8 208.2

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#53

t-1,3-Dichloropropene

Concen: 0.601 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX009380.D

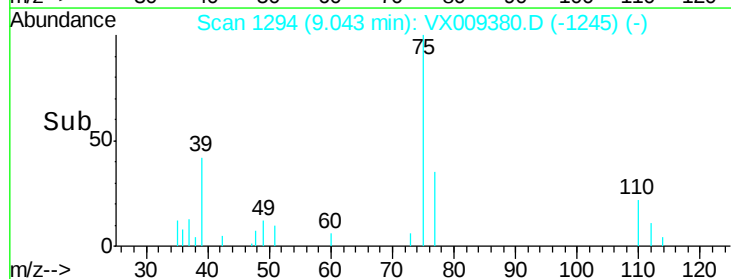
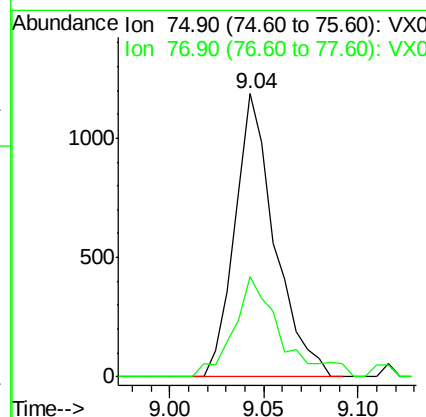
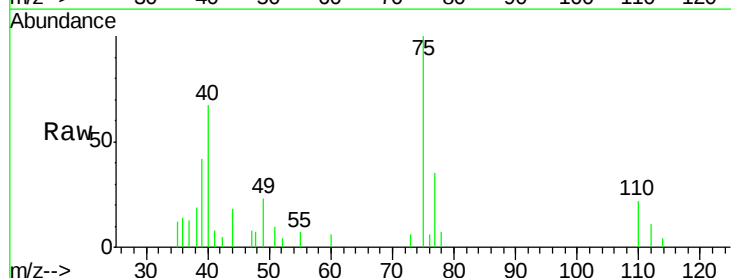
Acq: 07 May 2019 16:31

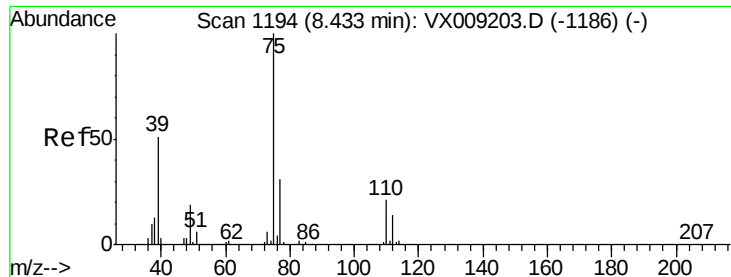
Tgt Ion: 75 Resp: 1740

Ion Ratio Lower Upper

75 100

77 35.2 25.0 37.6





#54

cis-1,3-Dichloropropene

Concen: 0.561 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. 0.01 min

Lab File: VX009380.D

Acq: 07 May 2019 16:31

Instrument :

MSVOA_X

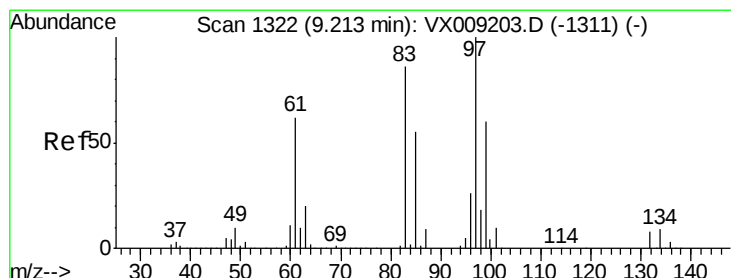
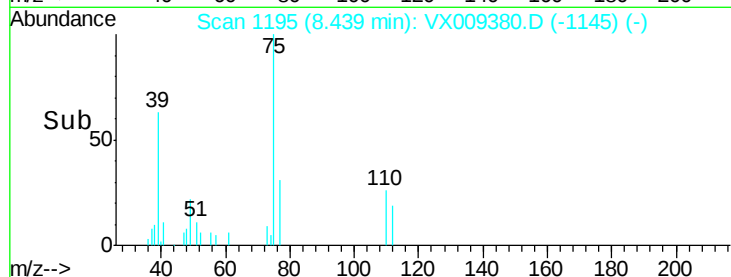
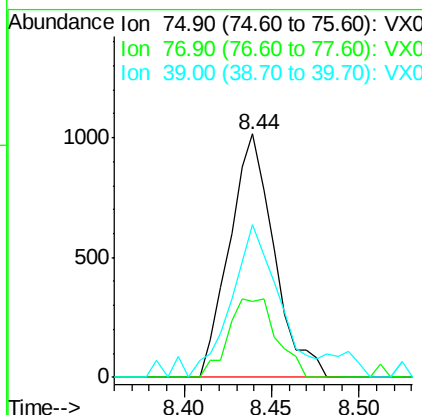
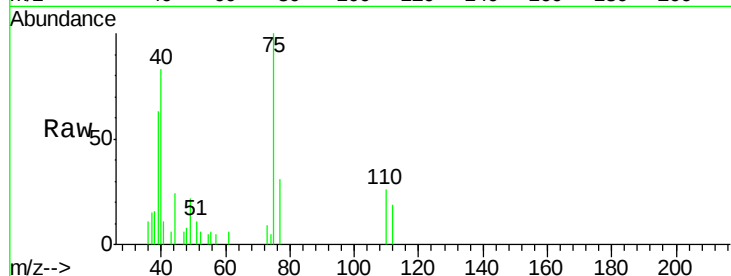
ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

Tot Ion:	75	Resp:	1797
Ion	Ratio	Lower	Upper
75	100		
77	31.3	24.6	36.8
39	62.9	40.6	60.8#

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#55

1,1,2-Trichloroethane

Concen: 0.711 ug/l

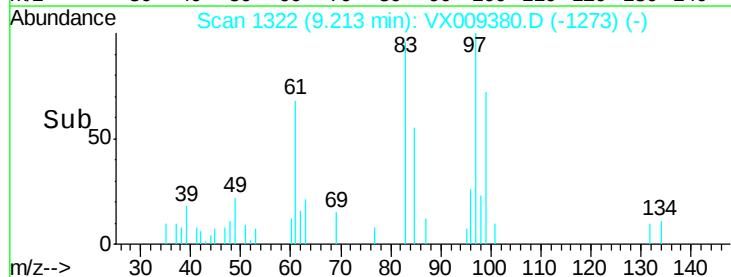
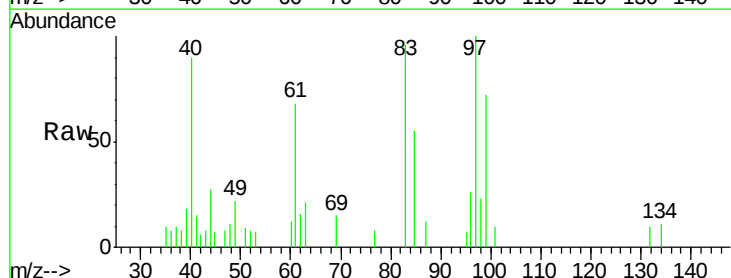
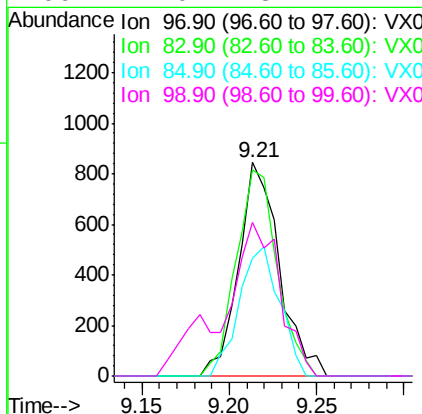
RT: 9.21 min Scan# 1322

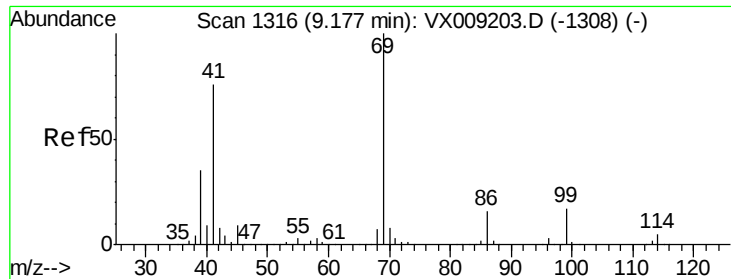
Delta R.T. 0.00 min

Lab File: VX009380.D

Acq: 07 May 2019 16:31

Tgt Ion:	97	Resp:	1377
Ion	Ratio	Lower	Upper
97	100		
83	96.4	68.9	103.3
85	55.4	43.8	65.6
99	72.0	48.2	72.2





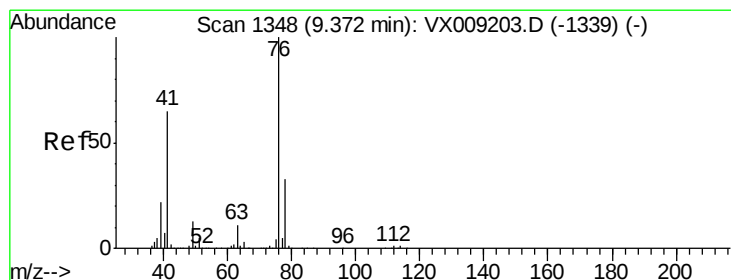
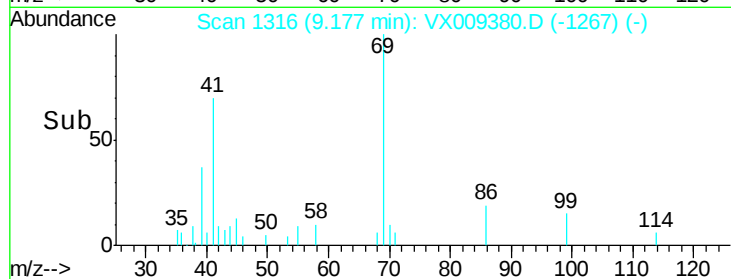
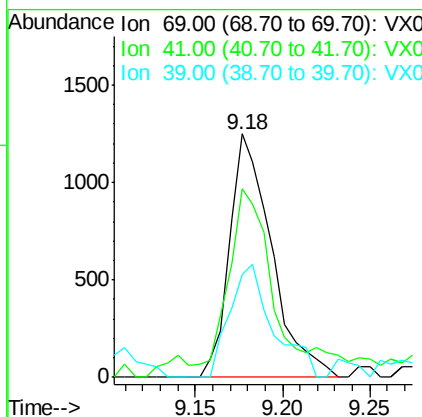
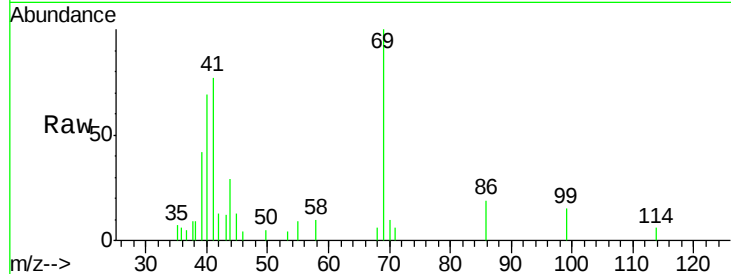
#56
Ethyl methacrylate
Concen: 0.605 ug/l
RT: 9.18 min Scan# 1316
Delta R.T. 0.00 min
Lab File: VX009380.D
Acq: 07 May 2019 16:31

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Tot Ion	Ratio	Lower	Upper
69	100		
41	90.8	60.6	90.8
39	47.6	28.2	42.4

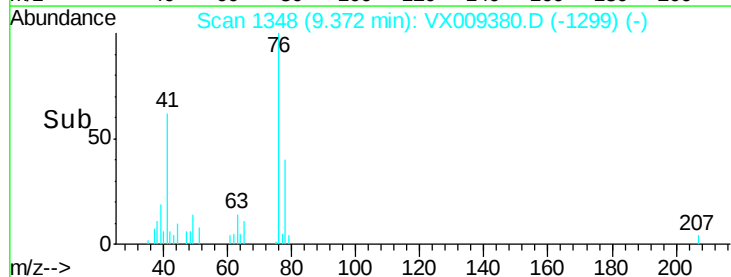
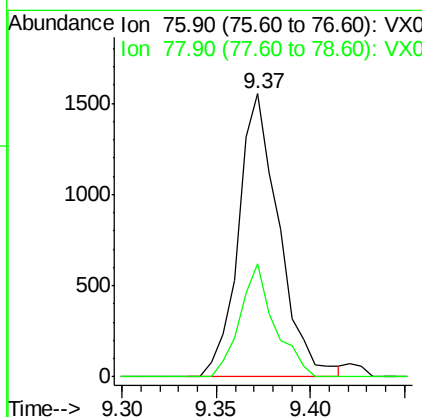
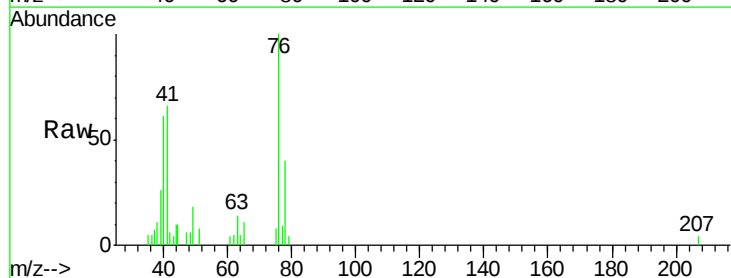
Manual Integrations
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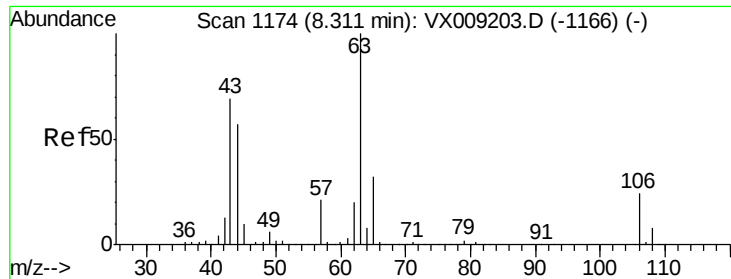
MMDadoda
5/8/2019 10:26:15 AM



#57
1,3-Dichloropropane
Concen: 0.680 ug/l
RT: 9.37 min Scan# 1348
Delta R.T. 0.00 min
Lab File: VX009380.D
Acq: 07 May 2019 16:31

Tgt Ion	Ratio	Lower	Upper
76	100		
78	33.9	25.5	38.3





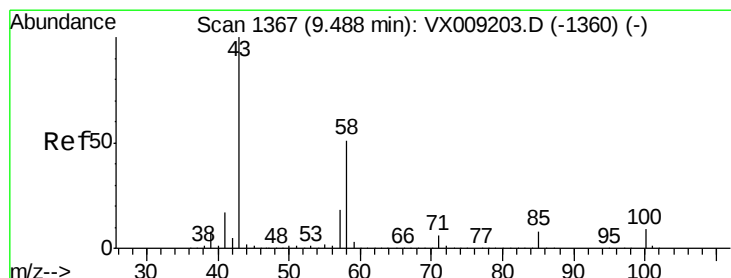
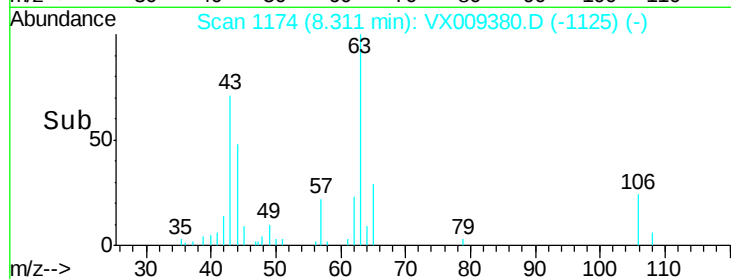
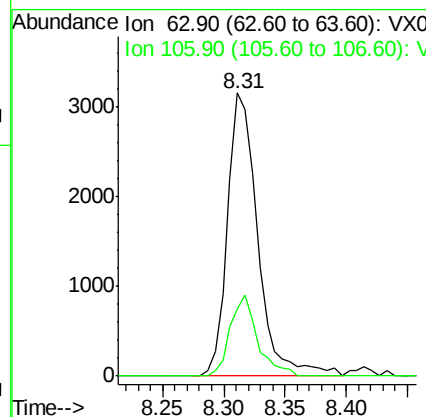
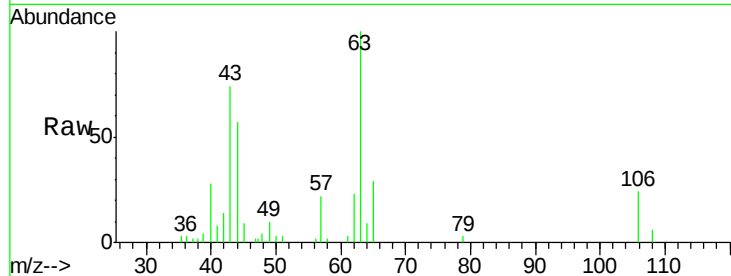
#58
 2-Chloroethyl Vinyl ether
 Concen: 2.947 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX009380.D
 Acq: 07 May 2019 16:31

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2019

Tot Ion: 63 Resp: 5406
 Ion Ratio Lower Upper
 63 100
 106 25.7 19.7 29.5

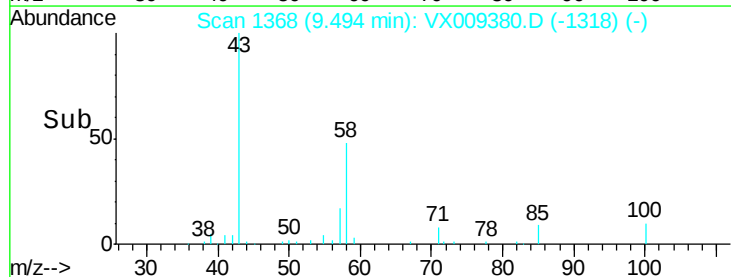
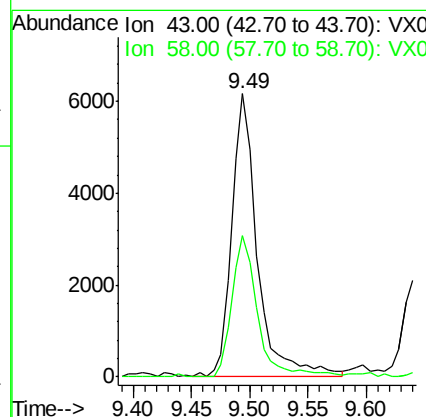
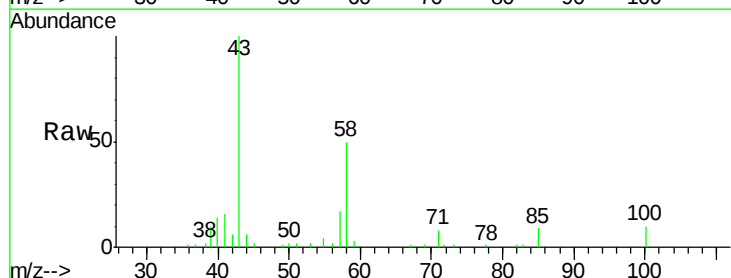
Manual Integrations
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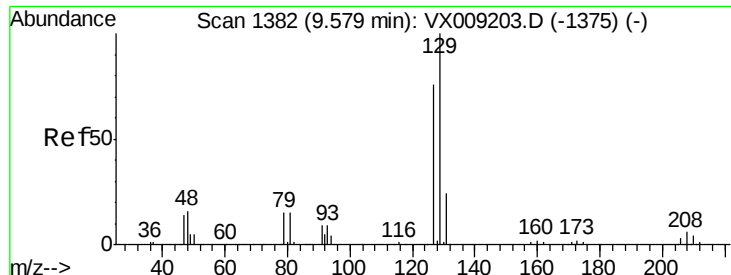
MMDadoda
 5/8/2019 10:26:15 AM



#59
 2-Hexanone
 Concen: 3.286 ug/l
 RT: 9.49 min Scan# 1368
 Delta R.T. 0.01 min
 Lab File: VX009380.D
 Acq: 07 May 2019 16:31

Tgt Ion: 43 Resp: 9489
 Ion Ratio Lower Upper
 43 100
 58 49.9 25.9 77.7





#60

Dibromochloromethane

Concen: 0.604 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. 0.01 min

Lab File: VX009380.D

Acq: 07 May 2019 16:31

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

Tot Ion:129 Resp: 1142

Ion Ratio Lower Upper

129 100

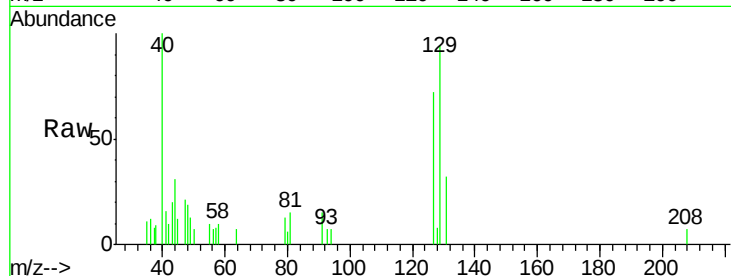
127 81.5 38.4 115.1

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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.59

800

600

400

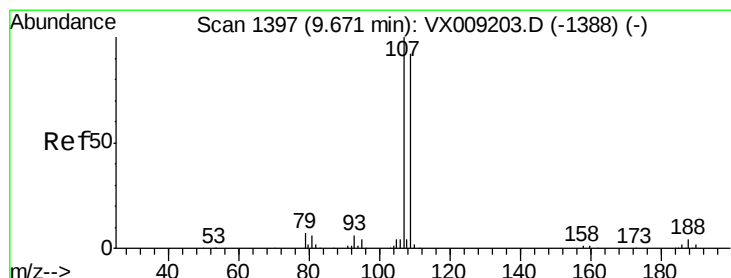
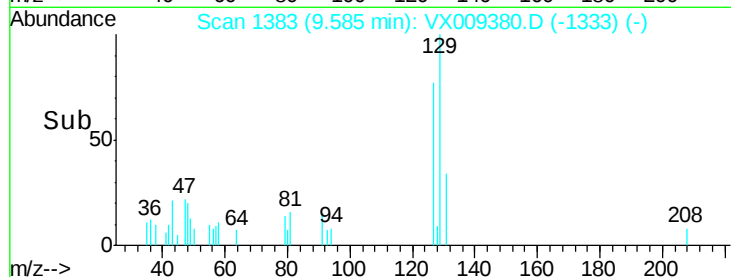
200

0

9.55

9.60

Time-->



#61

1,2-Dibromoethane

Concen: 0.604 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX009380.D

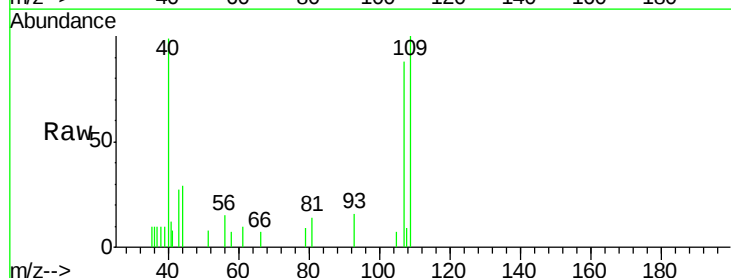
Acq: 07 May 2019 16:31

Tgt Ion:107 Resp: 1182

Ion Ratio Lower Upper

107 100

109 104.1 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

1000

800

600

400

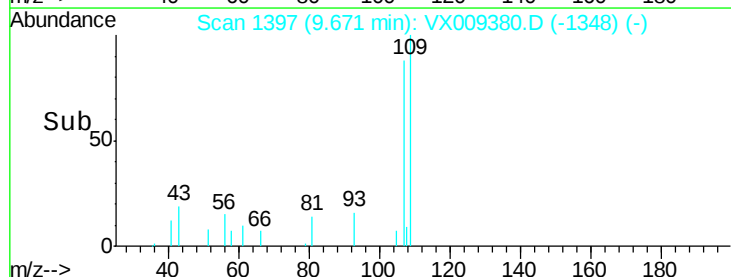
200

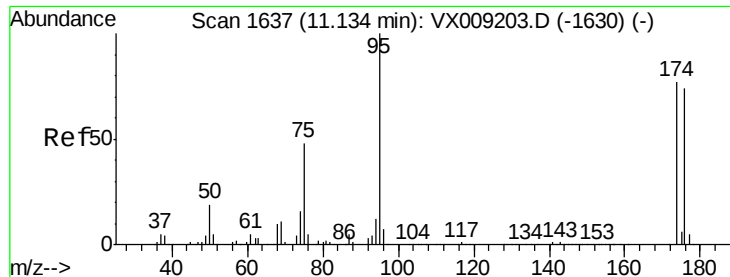
0

9.65

9.70

Time-->





#62

4-Bromofluorobenzene

Concen: 43.076 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009380.D

Acq: 07 May 2019 16:31

Instrument :

MSVOA_X

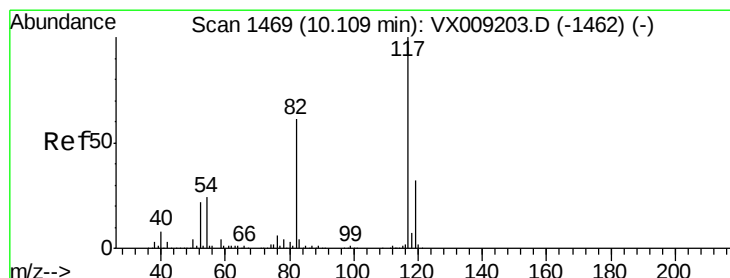
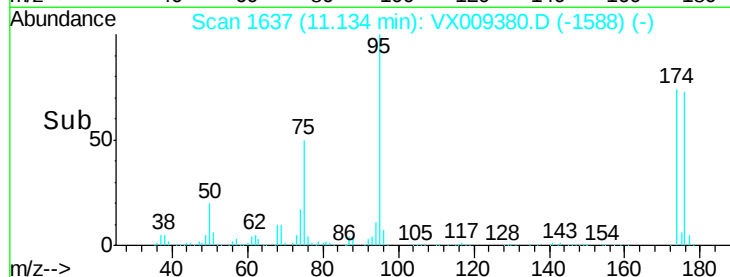
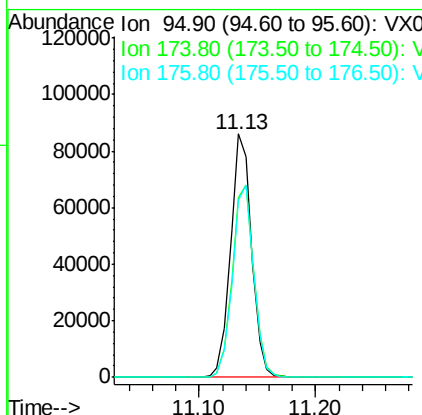
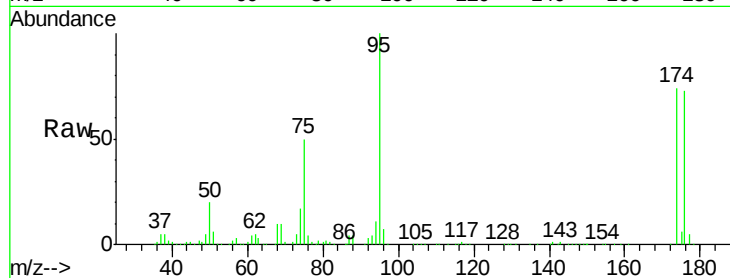
ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

Tot Ion:	95	Resp:	107902
Ion Ratio	Lower	Upper	
95	100		
174	81.7	0.0	161.6
176	80.2	0.0	159.2

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

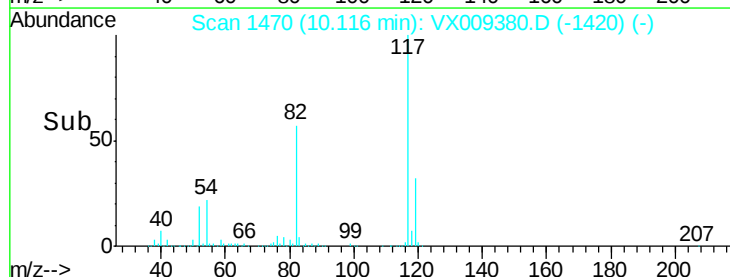
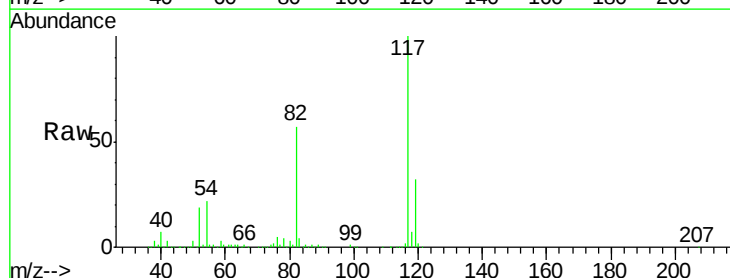
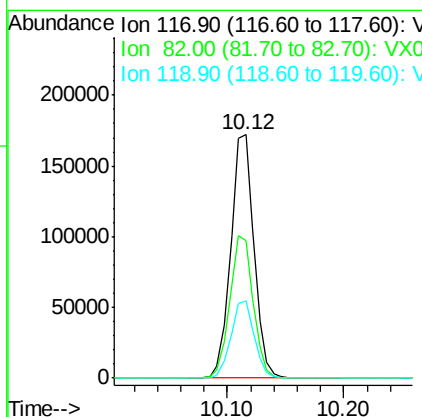
RT: 10.12 min Scan# 1470

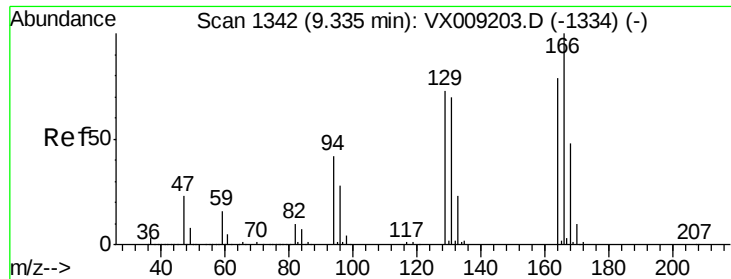
Delta R.T. 0.01 min

Lab File: VX009380.D

Acq: 07 May 2019 16:31

Tgt Ion:	117	Resp:	239534
Ion Ratio	Lower	Upper	
117	100		
82	56.6	48.8	73.2
119	31.9	25.8	38.6





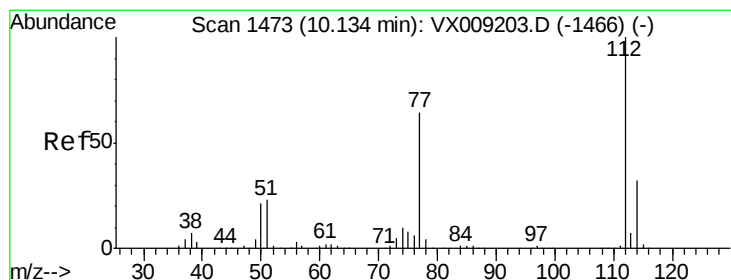
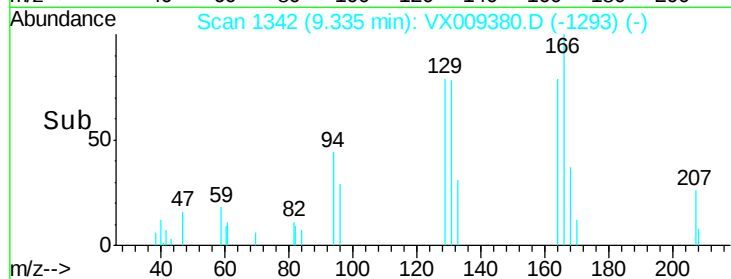
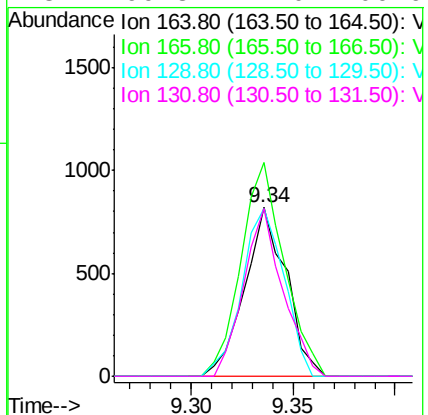
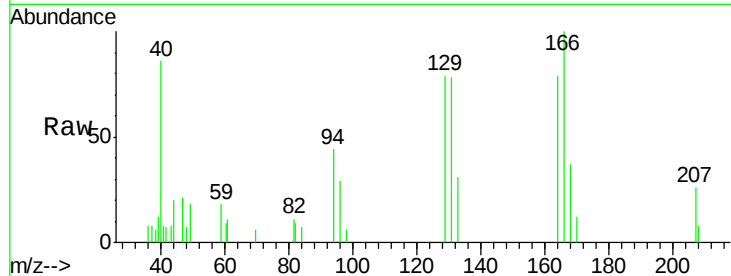
#64
Tetrachloroethene
Concen: 0.706 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX009380.D
Acq: 07 May 2019 16:31

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Tot Ion:	164	Resp:	1160
Ion	Ratio	Lower	Upper
164	100		
166	126.6	101.2	151.8
129	99.5	74.3	111.5
131	99.3	71.0	106.6

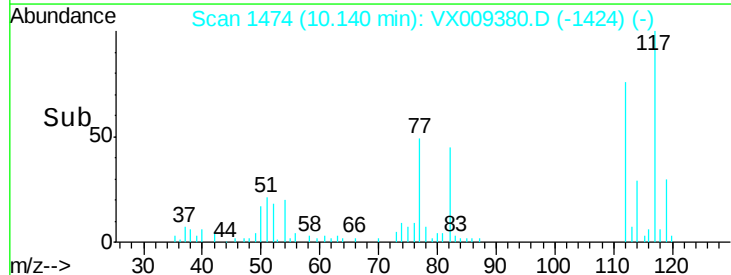
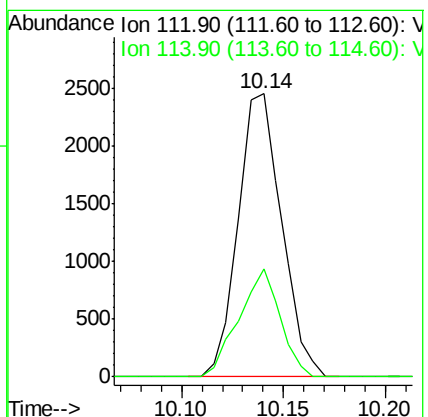
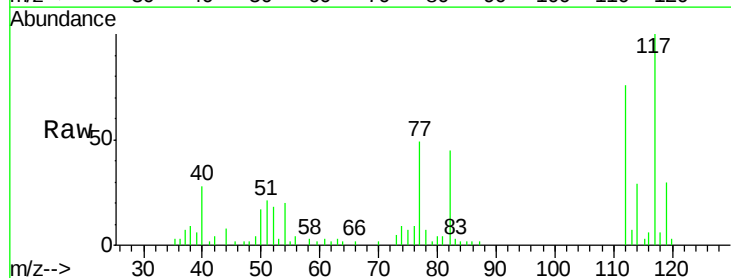
Manual Integrations
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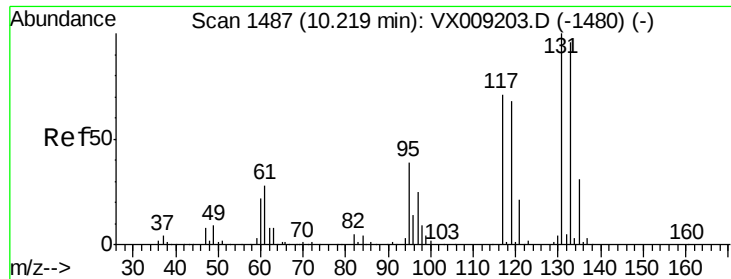
MMDadoda
5/8/2019 10:26:15 AM



#65
Chlorobenzene
Concen: 0.759 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX009380.D
Acq: 07 May 2019 16:31

Tgt Ion:	112	Resp:	3637
Ion	Ratio	Lower	Upper
112	100		
114	38.0	25.5	38.3





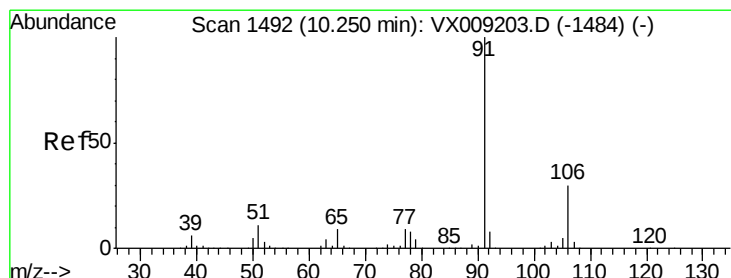
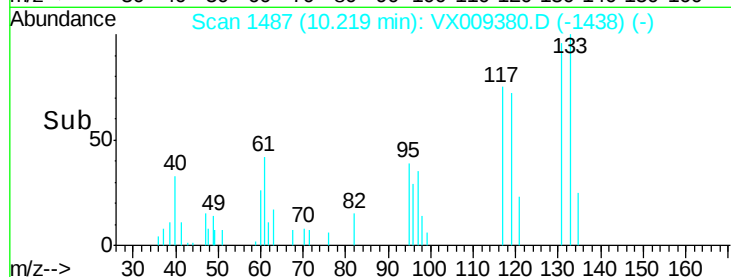
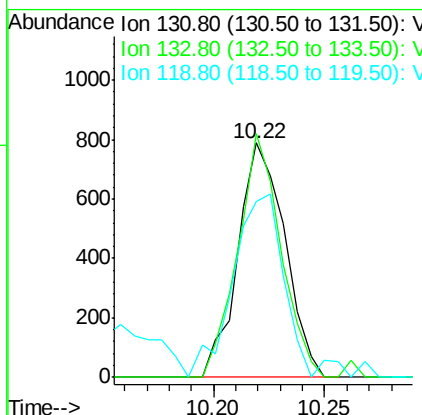
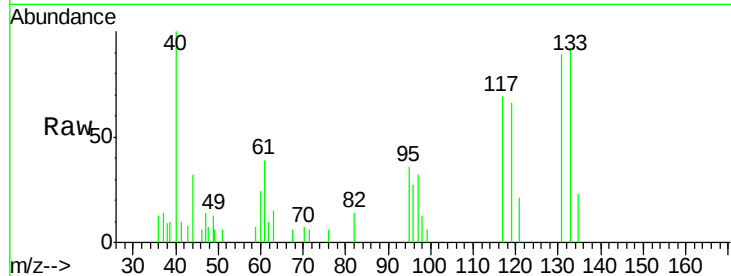
#66
 1,1,1,2-Tetrachloroethane
 Concen: 0.665 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VX009380.D
 Acq: 07 May 2019 16:31

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2019

Tot Ion:131 Resp: 1155
 Ion Ratio Lower Upper
 131 100
 133 95.6 47.7 143.1
 119 0.0 33.5 100.4#

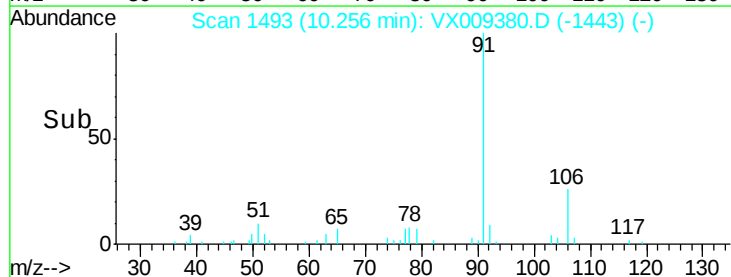
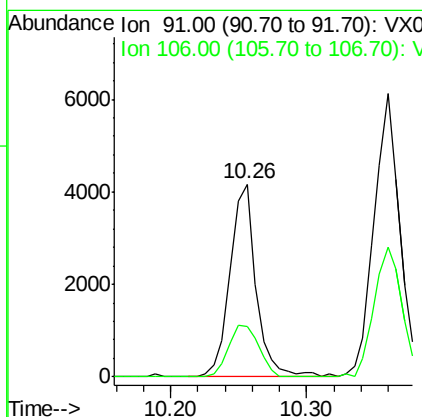
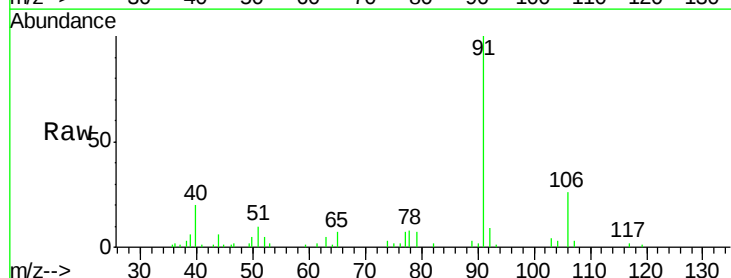
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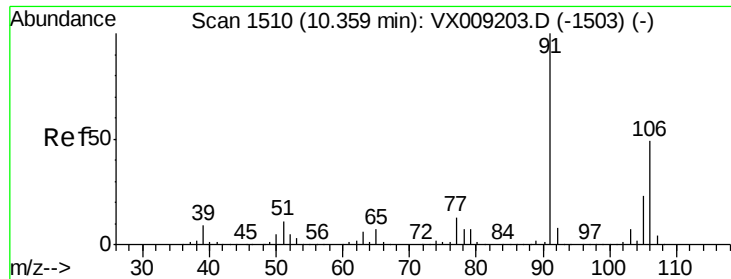
MMDadoda
 5/8/2019 10:26:15 AM



#67
 Ethyl Benzene
 Concen: 0.631 ug/l
 RT: 10.26 min Scan# 1493
 Delta R.T. 0.01 min
 Lab File: VX009380.D
 Acq: 07 May 2019 16:31

Tgt Ion: 91 Resp: 5566
 Ion Ratio Lower Upper
 91 100
 106 26.0 24.0 36.0





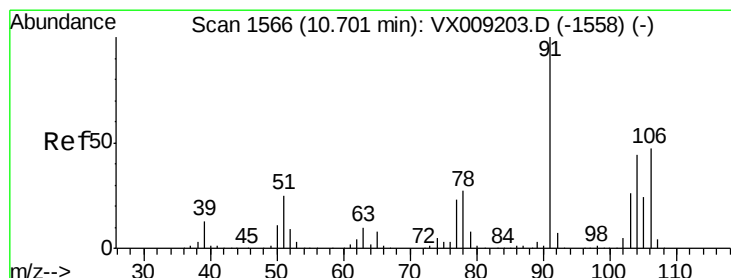
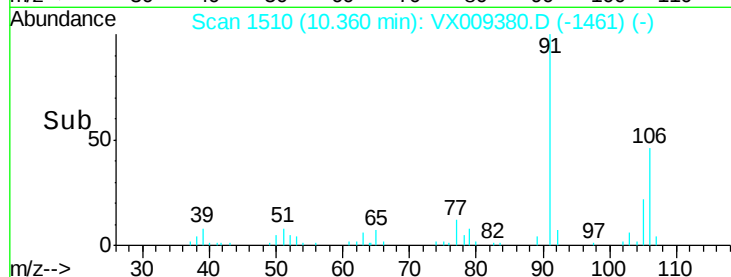
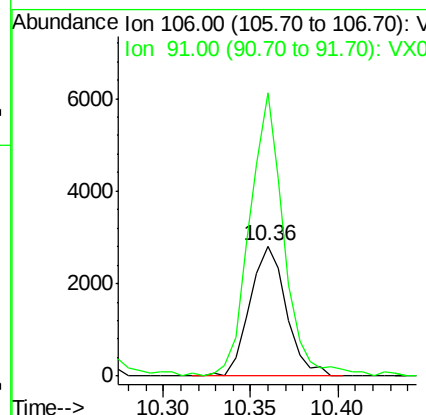
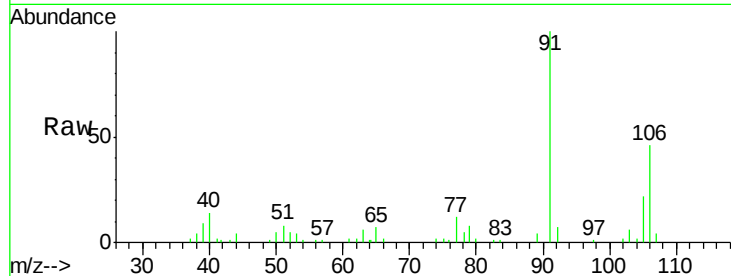
#68
m/p-Xvlenes
Concen: 1.261 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX009380.D
Acq: 07 May 2019 16:31

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Tot Ion:106 Resp: 4064
Ion Ratio Lower Upper
106 100
91 204.0 164.0 246.0

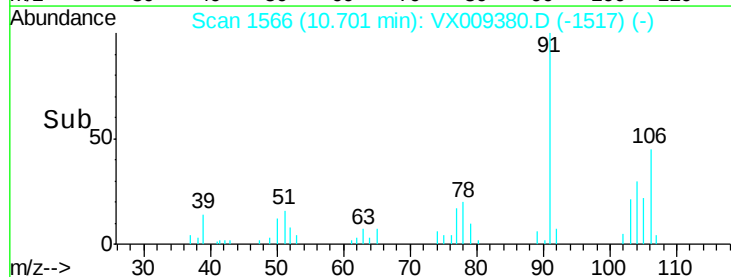
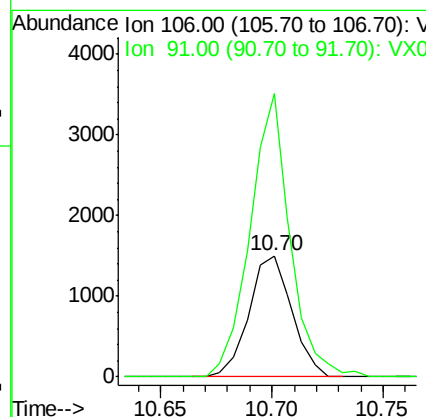
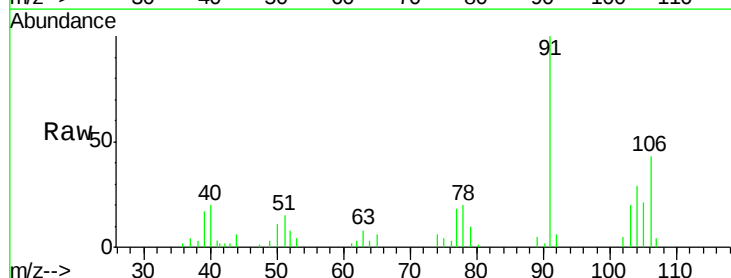
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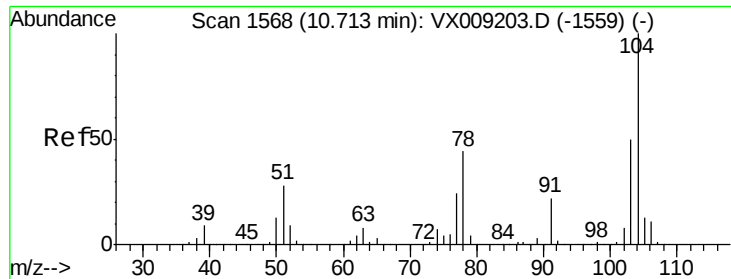
MMDadoda
5/8/2019 10:26:15 AM



#69
o-Xylene
Concen: 0.632 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX009380.D
Acq: 07 May 2019 16:31

Tgt Ion:106 Resp: 2010
Ion Ratio Lower Upper
106 100
91 218.5 109.5 328.4





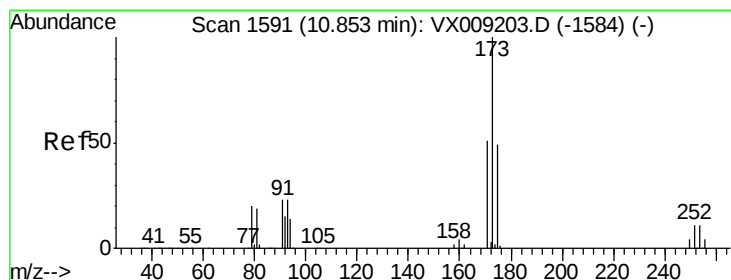
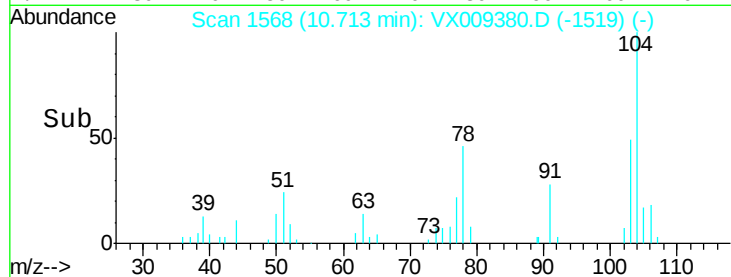
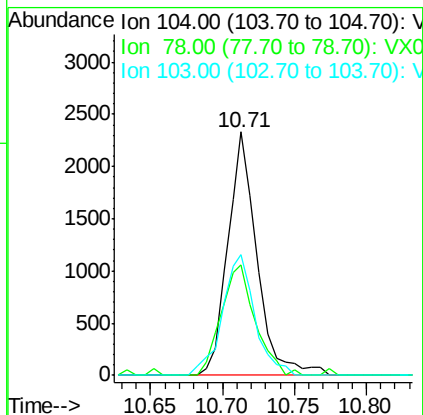
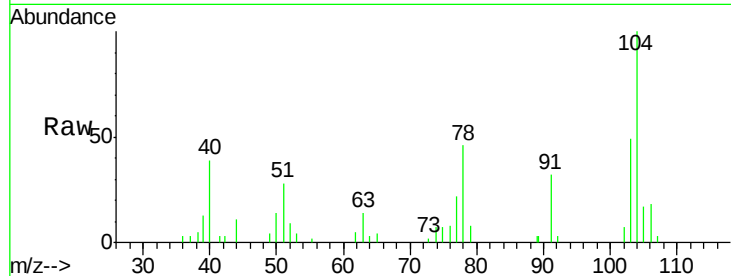
#70
Stvrene
Concen: 0.602 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX009380.D
Acq: 07 May 2019 16:31

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Tot Ion	Ratio	Resp	Lower	Upper
104	100	3325		
78	52.8		41.0	61.4
103	54.8		43.8	65.6

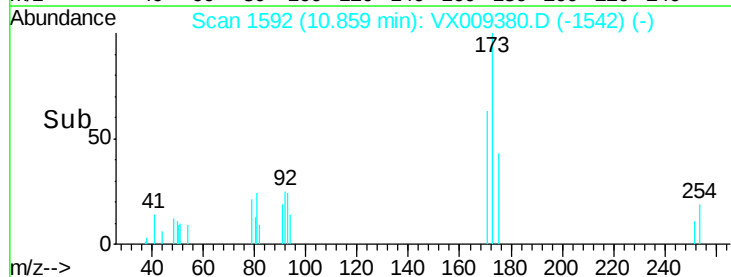
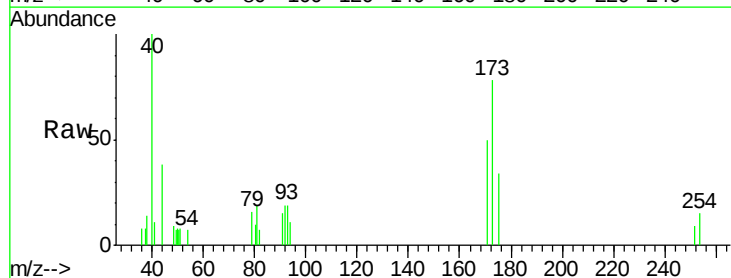
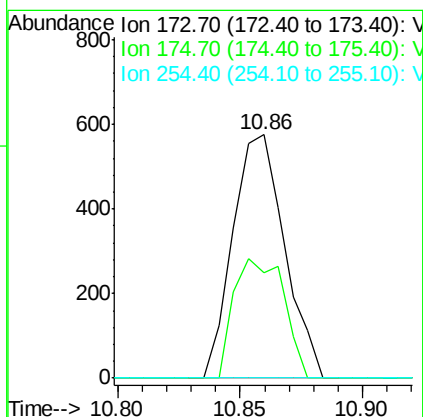
Manual Integrations
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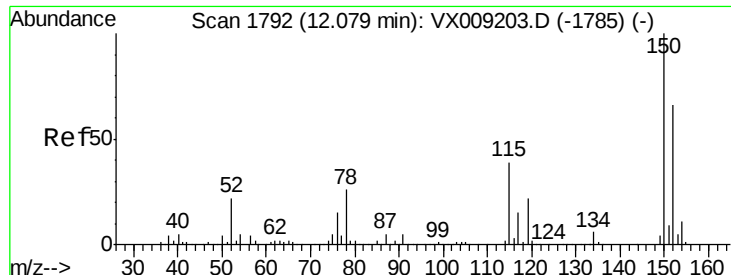
MMDadoda
5/8/2019 10:26:15 AM



#71
Bromoform
Concen: 0.601 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.01 min
Lab File: VX009380.D
Acq: 07 May 2019 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
173	100	848		
175	47.3		24.5	73.5
254	0.0		0.1	0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX009380.D

Acq: 07 May 2019 16:31

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

Tot Ion:152 Resp: 106264

Ion Ratio Lower Upper

152 100

115 58.8 41.2 123.6

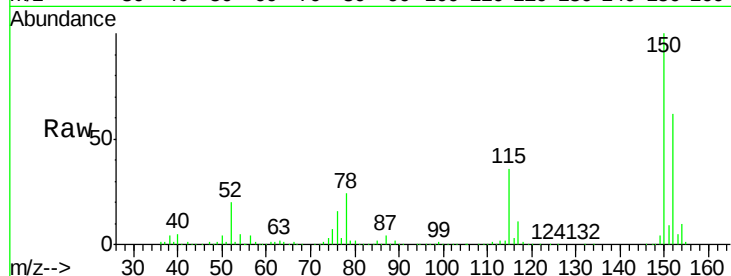
150 161.8 0.0 346.4

Manual Integrations

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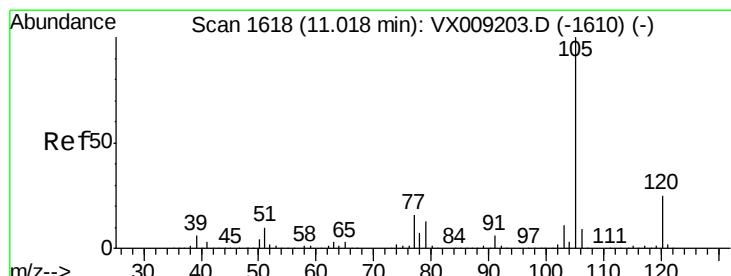
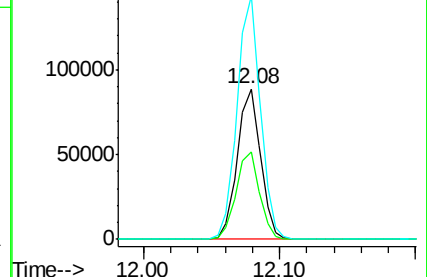
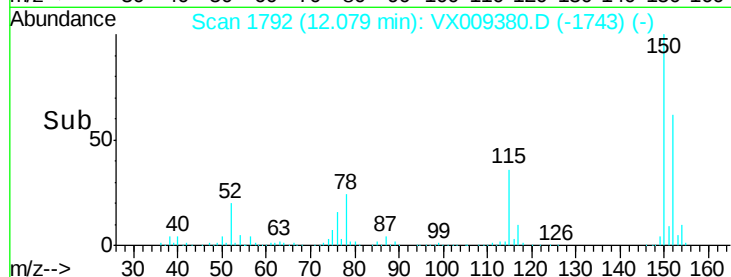
5/8/2019 10:26:15 AM



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 0.704 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX009380.D

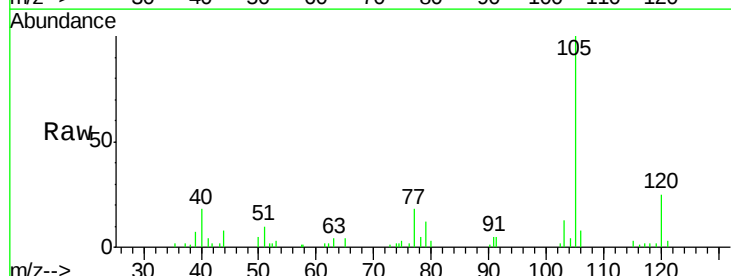
Acq: 07 May 2019 16:31

Tgt Ion:105 Resp: 5442

Ion Ratio Lower Upper

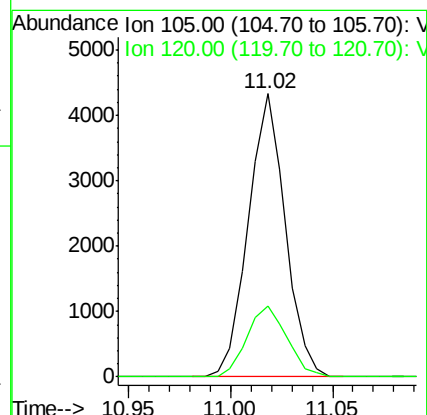
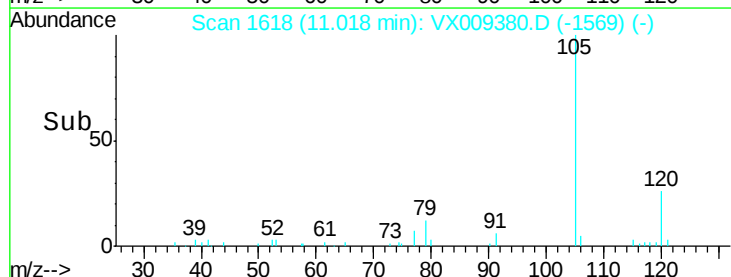
105 100

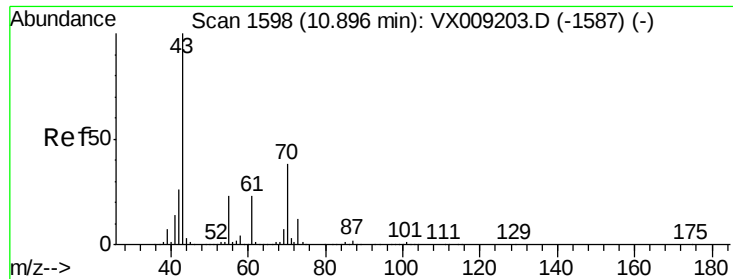
120 27.0 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 0.669 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX009380.D

Acq: 07 May 2019 16:31

Instrument :

MSVOA_X

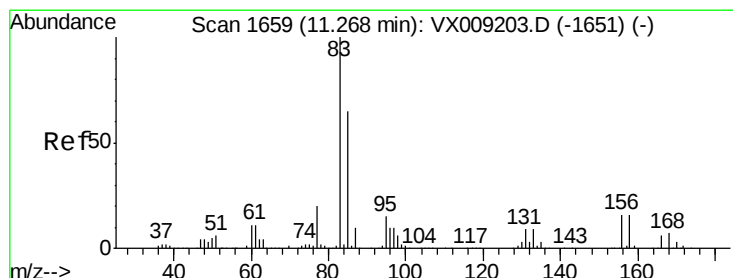
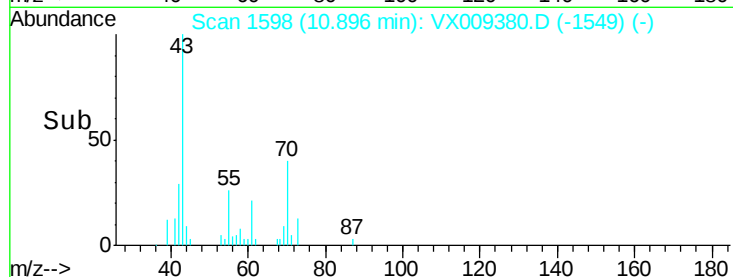
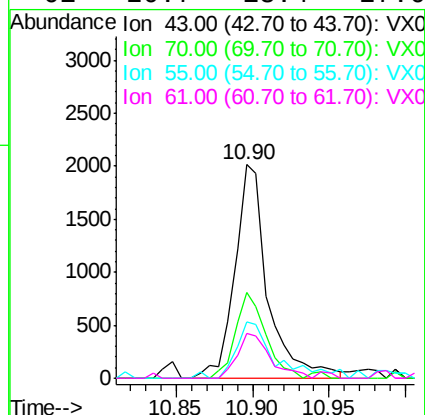
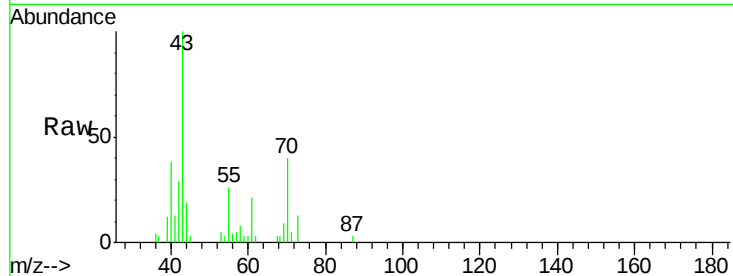
ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

Tot Ion	43	Resp:	3015
Ion	Ratio	Lower	Upper
43	100		
70	36.6	30.0	45.0
55	30.8	17.9	26.9
61	20.7	18.4	27.6

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#75

1,1,2,2-Tetrachloroethane

Concen: 0.713 ug/l

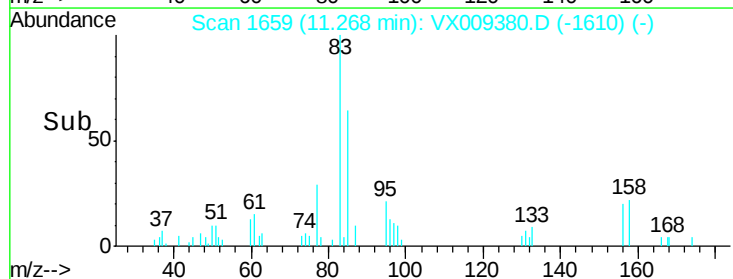
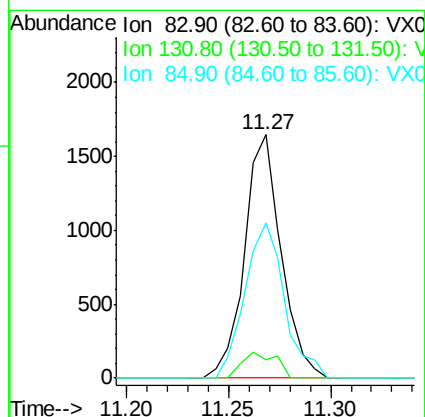
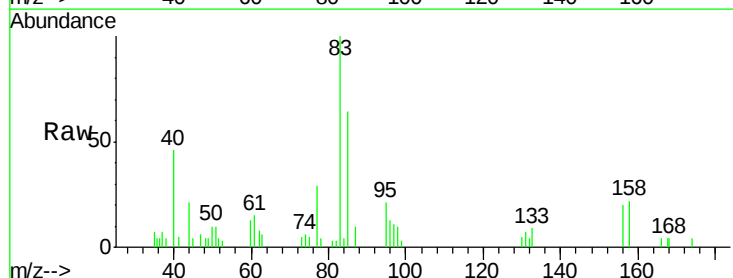
RT: 11.27 min Scan# 1659

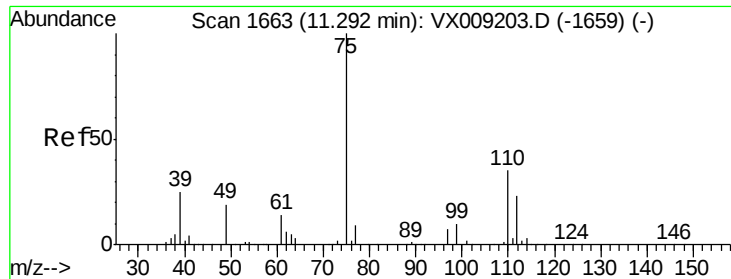
Delta R.T. 0.00 min

Lab File: VX009380.D

Acq: 07 May 2019 16:31

Tgt Ion	83	Resp:	2053
Ion	Ratio	Lower	Upper
83	100		
131	9.7	4.6	13.8
85	69.2	32.0	96.2





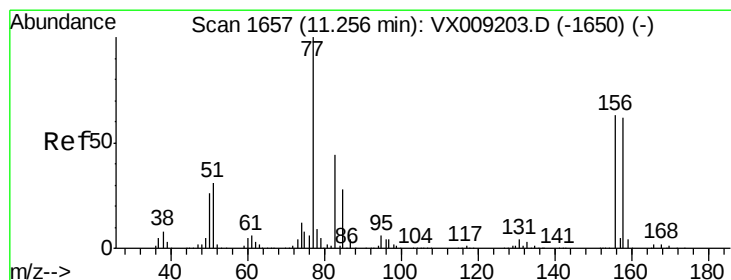
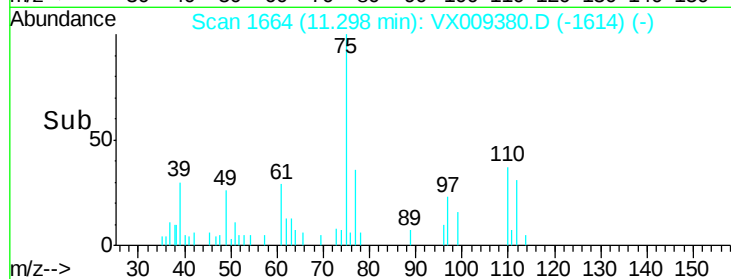
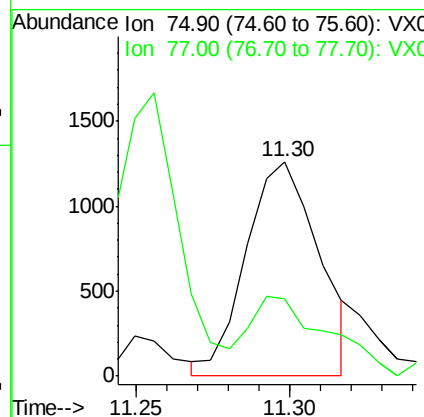
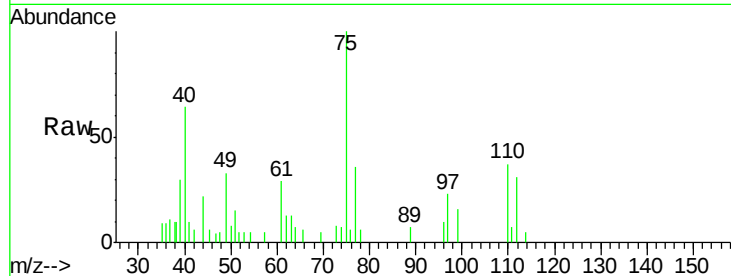
#76
 1,2,3-Trichloropropane
 Concen: 0.847 ug/l m
 RT: 11.30 min Scan# 1664
 Delta R.T. 0.01 min
 Lab File: VX009380.D
 Acq: 07 May 2019 16:31

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2019

Tot Ion: 75 Resp: 2087
 Ion Ratio Lower Upper
 75 100
 77 39.6 22.1 66.1

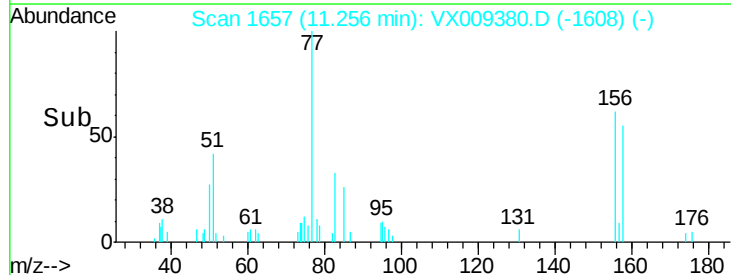
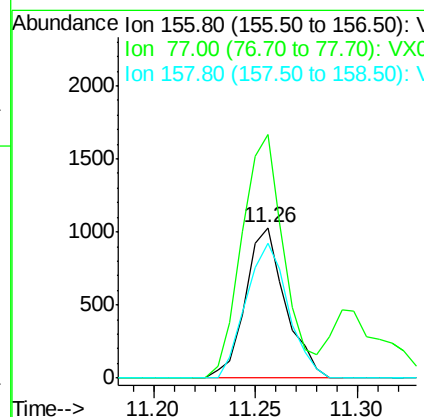
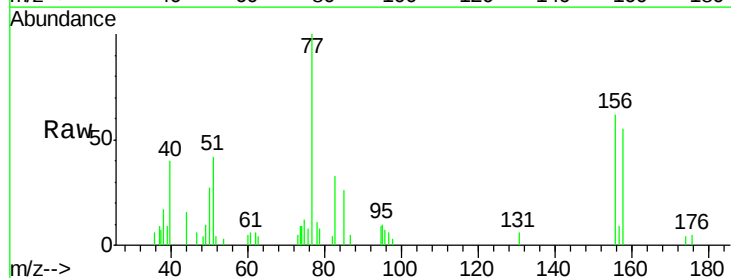
Manual Integrations
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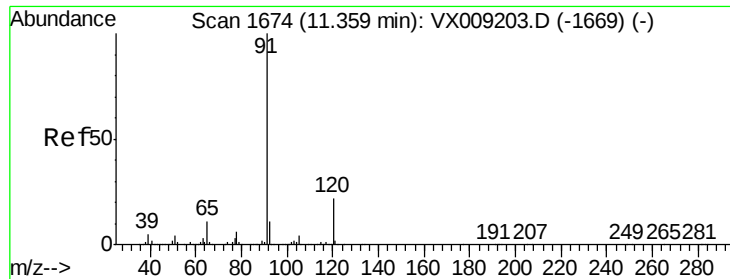
MMDadoda
 5/8/2019 10:26:15 AM



#77
 Bromobenzene
 Concen: 0.728 ug/l
 RT: 11.26 min Scan# 1657
 Delta R.T. 0.00 min
 Lab File: VX009380.D
 Acq: 07 May 2019 16:31

Tgt Ion: 156 Resp: 1397
 Ion Ratio Lower Upper
 156 100
 77 171.5 84.8 254.3
 158 94.5 49.1 147.3





#78

n-propylbenzene

Concen: 0.669 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX009380.D

Acq: 07 May 2019 16:31

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

Tot Ion: 91 Resp: 5906

Ion Ratio Lower Upper

91 100

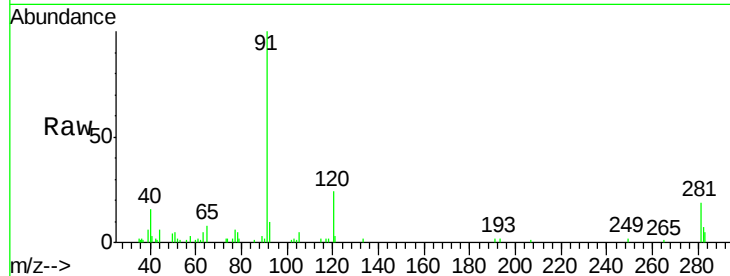
120 24.0 11.0 33.0

Manual Integrations

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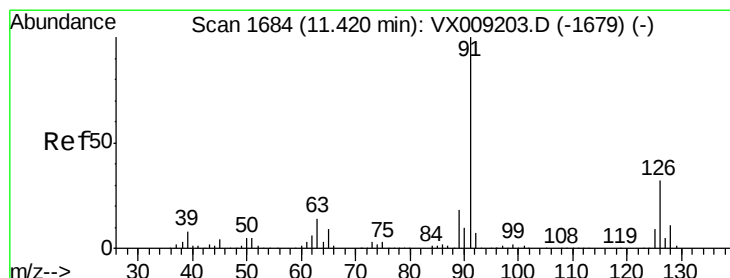
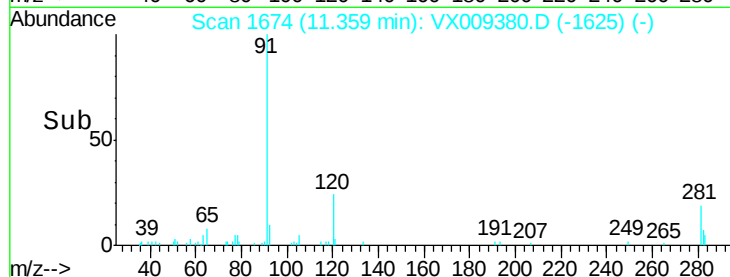
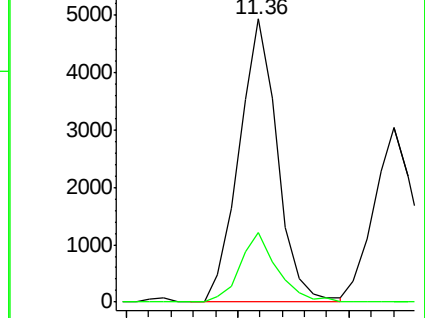
MMDadoda

5/8/2019 10:26:15 AM



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 0.716 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX009380.D

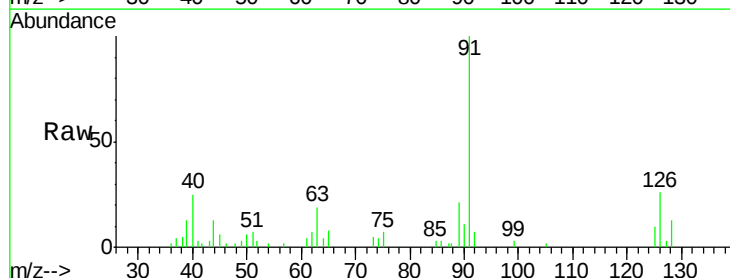
Acq: 07 May 2019 16:31

Tgt Ion: 91 Resp: 3899

Ion Ratio Lower Upper

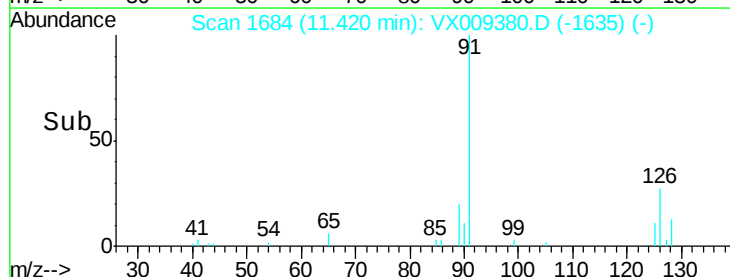
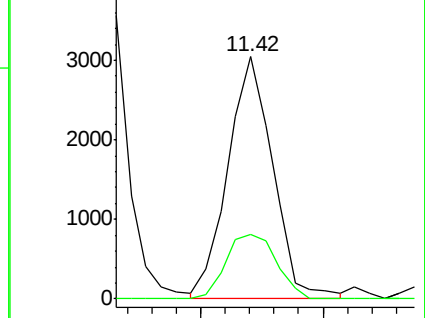
91 100

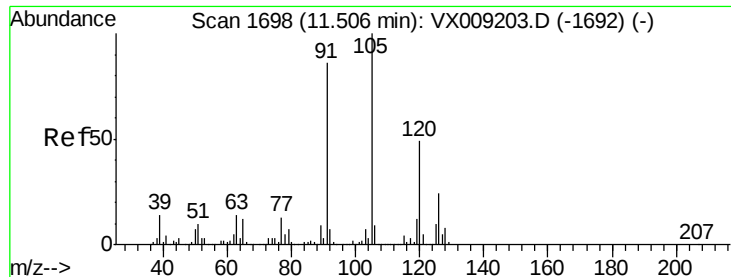
126 29.9 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#80

1,3,5-Trimethylbenzene

Concen: 0.661 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX009380.D

Acq: 07 May 2019 16:31

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

Tot Ion:105 Resp: 4304

Ion Ratio Lower Upper

105 100

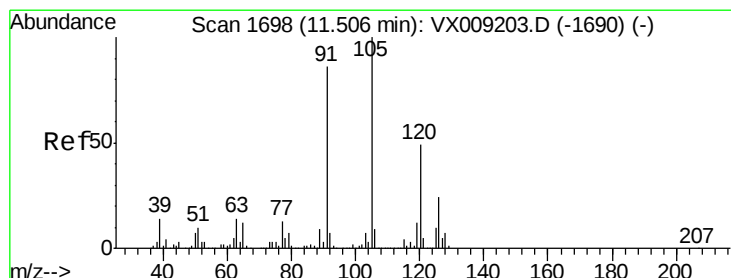
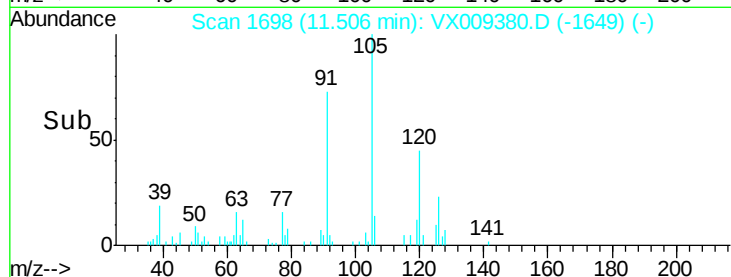
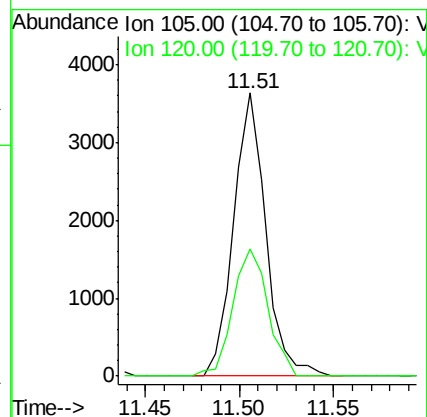
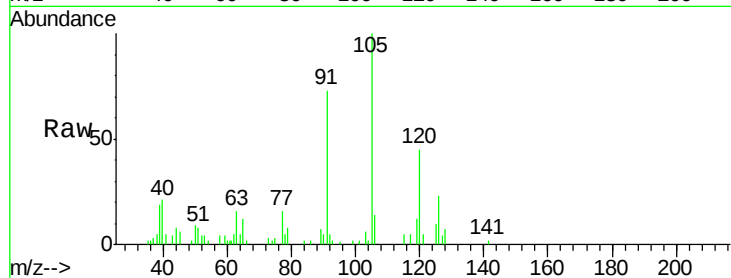
120 48.9 24.3 72.9

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#82

4-Chlorotoluene

Concen: 0.712 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.01 min

Lab File: VX009380.D

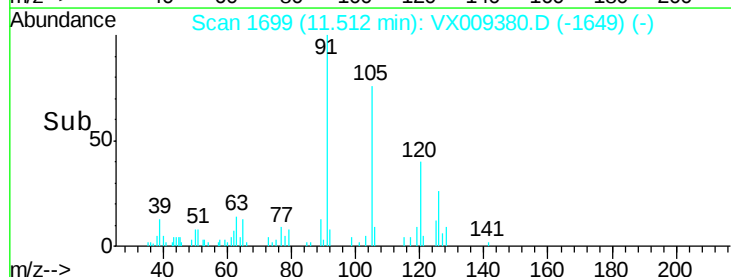
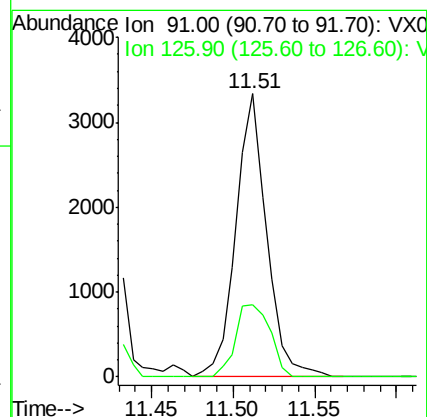
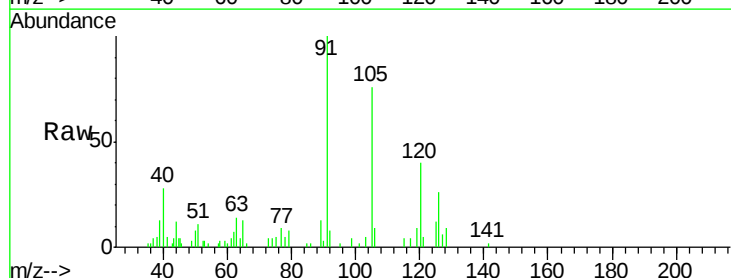
Acq: 07 May 2019 16:31

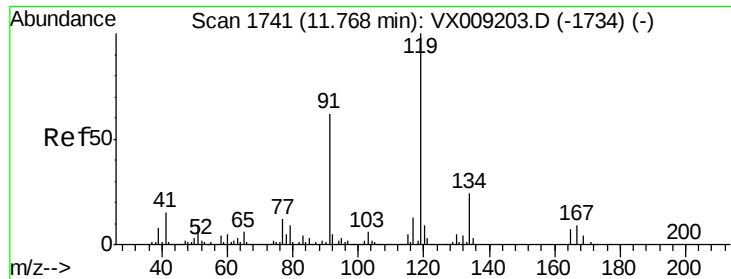
Tgt Ion: 91 Resp: 4378

Ion Ratio Lower Upper

91 100

126 28.6 14.5 43.6





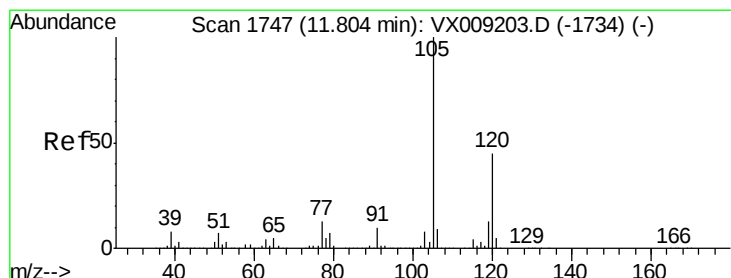
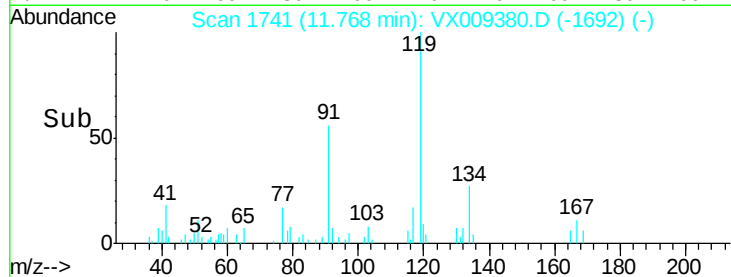
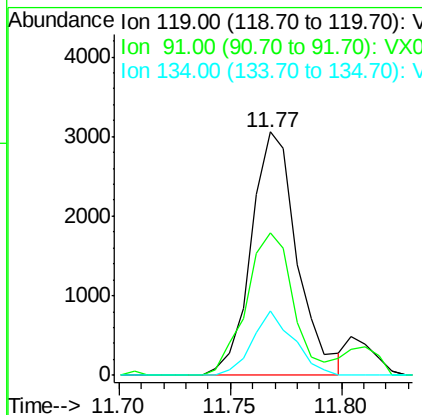
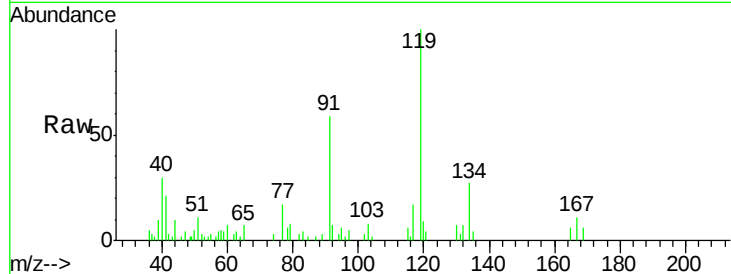
#83
 tert-Butylbenzene
 Concen: 0.696 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX009380.D
 Acq: 07 May 2019 16:31

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2019

Tot Ion	Ratio	Resp	Lower	Upper
119	100	4403		
91	59.7		29.5	88.5
134	23.4		11.4	34.1

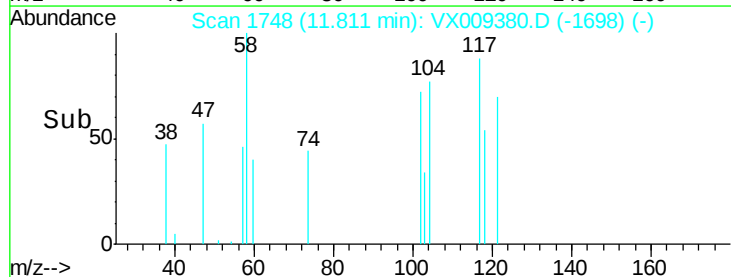
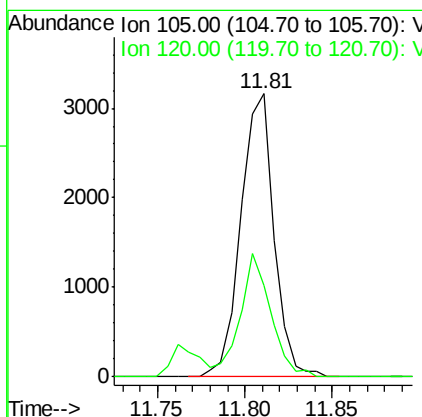
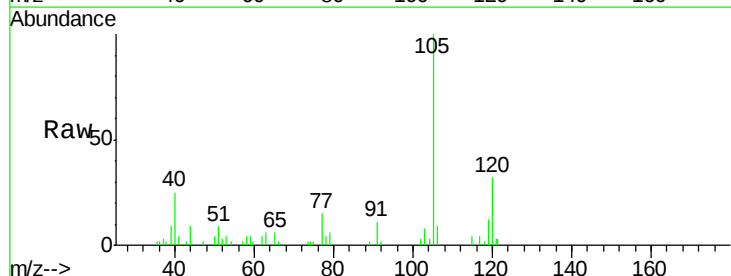
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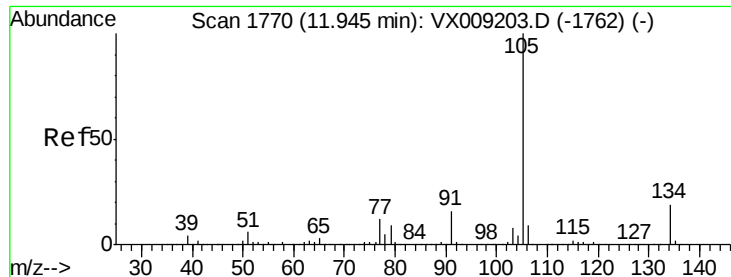
MMDadoda
 5/8/2019 10:26:15 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 0.636 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.01 min
 Lab File: VX009380.D
 Acq: 07 May 2019 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	4153		
120	40.3		22.0	66.0





#85

sec-Butylbenzene

Concen: 0.631 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX009380.D

Acq: 07 May 2019 16:31

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

Tot Ion:105 Resp: 4736

Ion Ratio Lower Upper

105 100

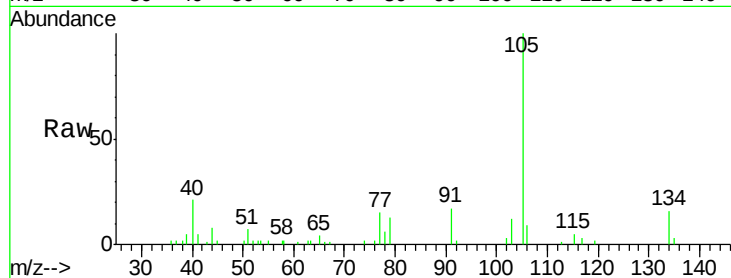
134 22.2 9.7 28.9

Manual Integrations

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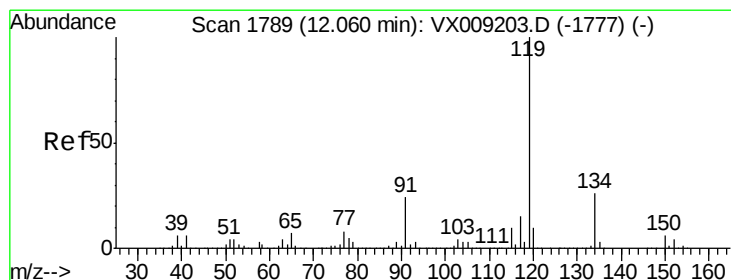
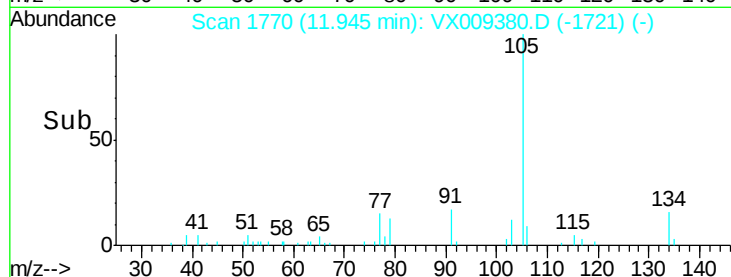
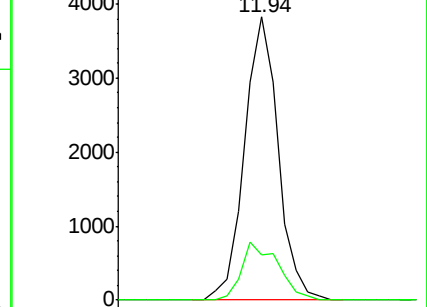
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.597 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX009380.D

Acq: 07 May 2019 16:31

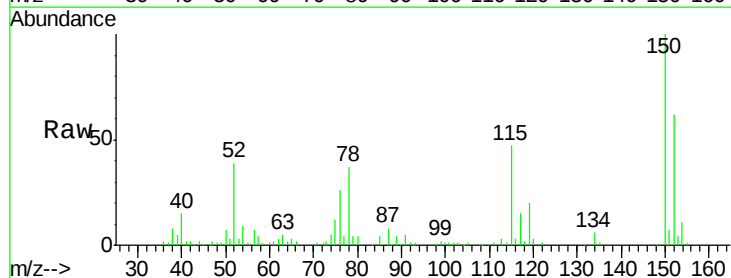
Tgt Ion:119 Resp: 4027

Ion Ratio Lower Upper

119 100

134 30.8 12.9 38.7

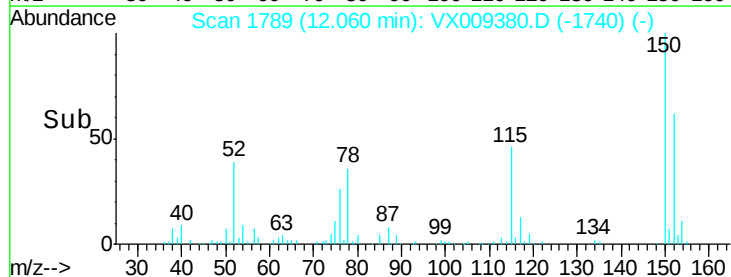
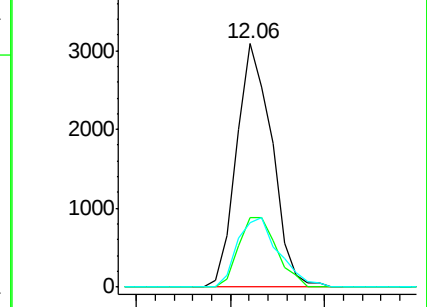
91 33.2 11.8 35.4

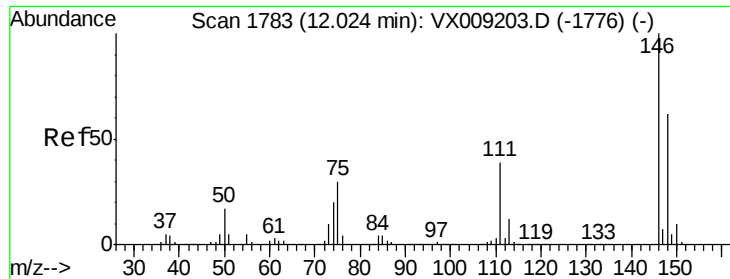


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





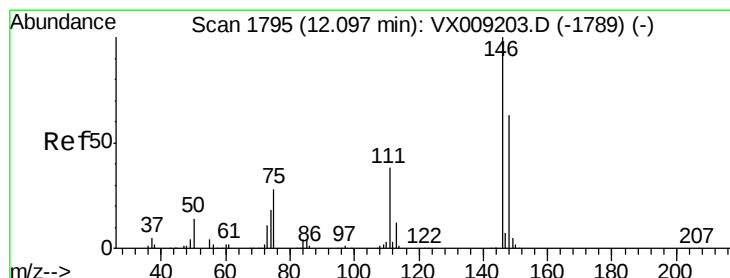
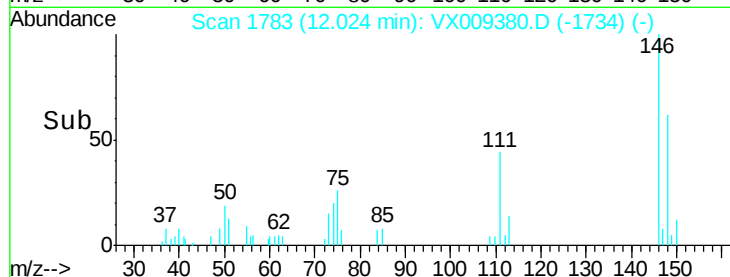
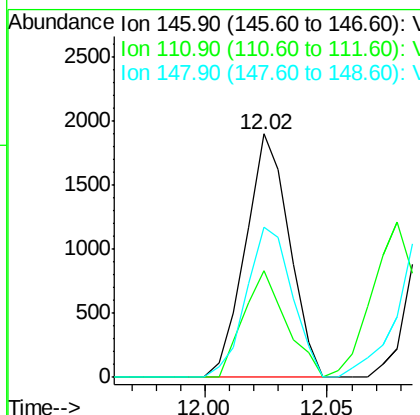
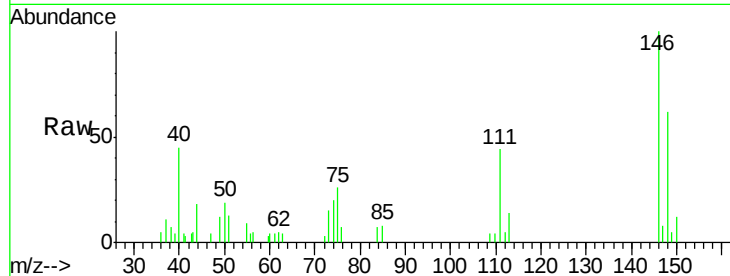
#87
 1,3-Dichlorobenzene
 Concen: 0.693 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX009380.D
 Acq: 07 May 2019 16:31

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2019

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.4	20.0	59.9
148	64.5	31.8	95.3

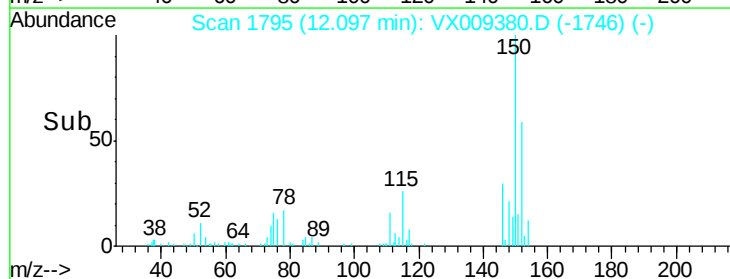
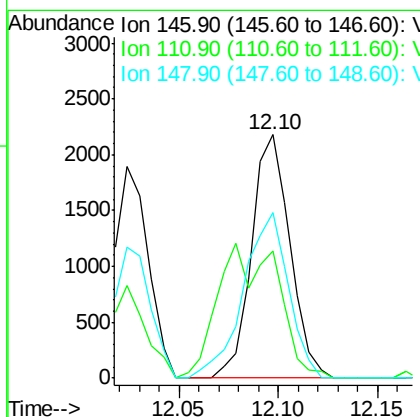
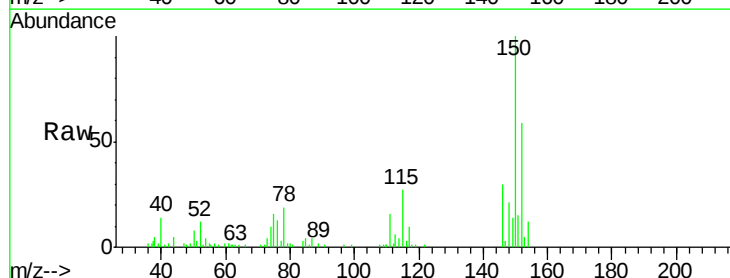
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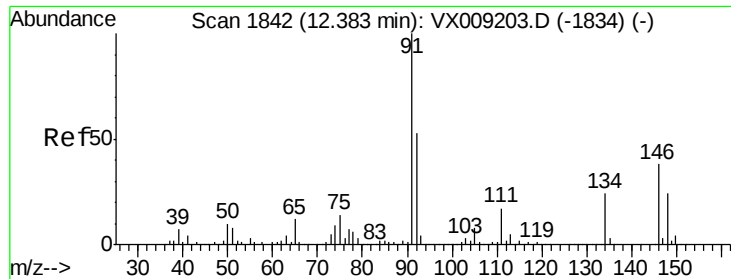
MMDadoda
 5/8/2019 10:26:15 AM



#88
 1,4-Dichlorobenzene
 Concen: 0.843 ug/l m
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX009380.D
 Acq: 07 May 2019 16:31

Tgt Ion	Ratio	Lower	Upper
146	100		
111	34.6	19.6	58.8
148	52.5	31.8	95.3





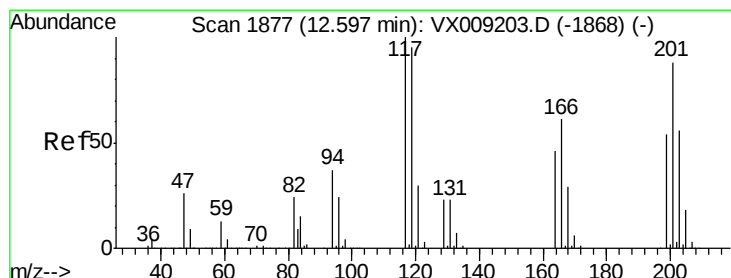
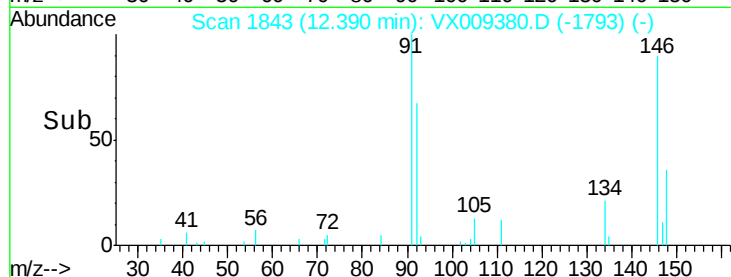
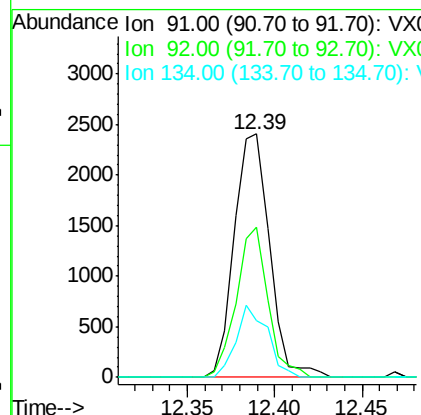
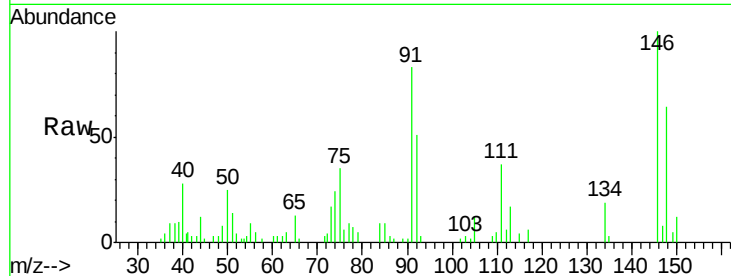
#89
n-Butylbenzene
Concen: 0.556 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VX009380.D
Acq: 07 May 2019 16:31

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.1	26.5	79.5
134	26.0	12.4	37.2

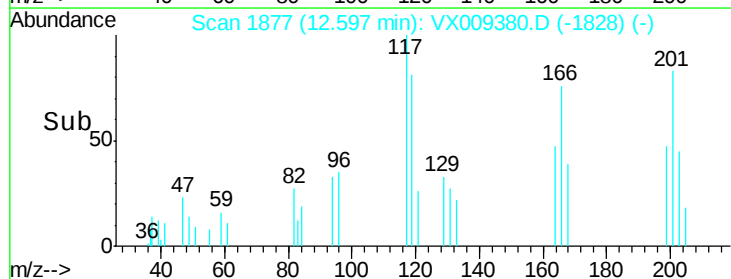
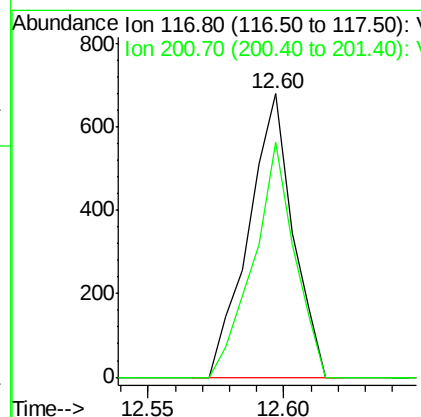
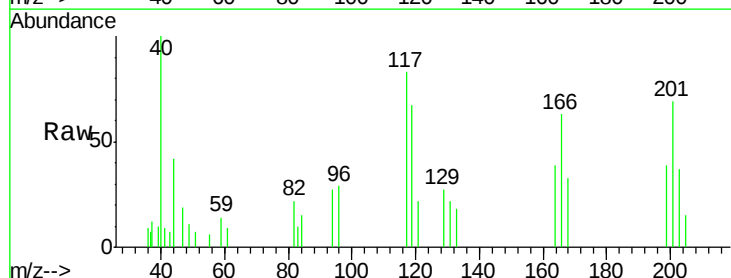
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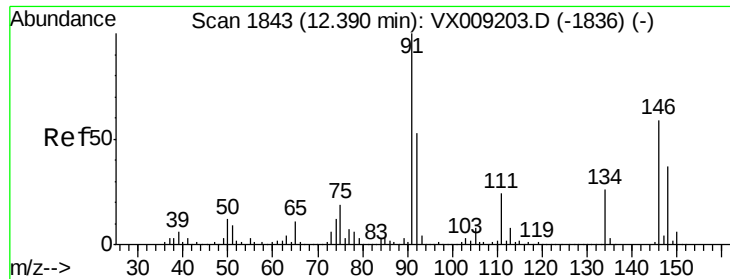
MMDadoda
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#90
Hexachloroethane
Concen: 0.669 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX009380.D
Acq: 07 May 2019 16:31

Tgt Ion	Ratio	Lower	Upper
117	100		
201	76.7	42.3	126.9





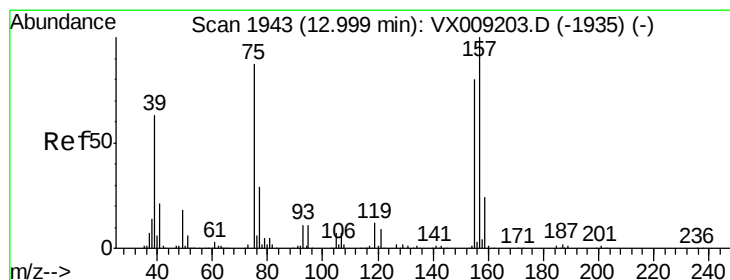
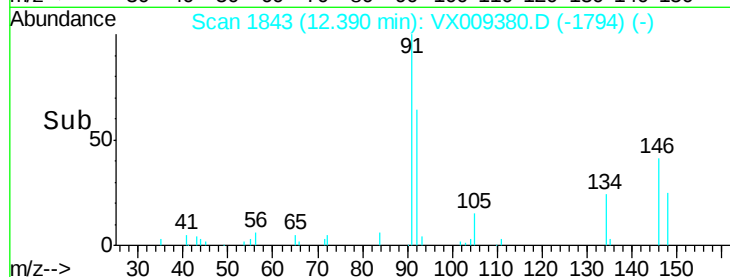
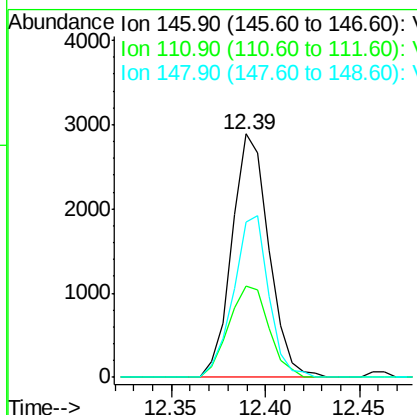
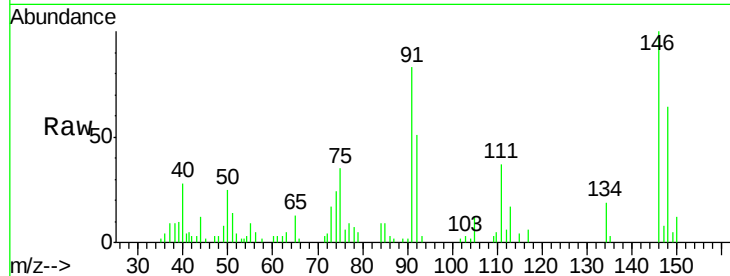
#91
 1,2-Dichlorobenzene
 Concen: 1.126 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX009380.D
 Acq: 07 May 2019 16:31

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2019

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.8	62.4
148	63.6	31.9	95.9

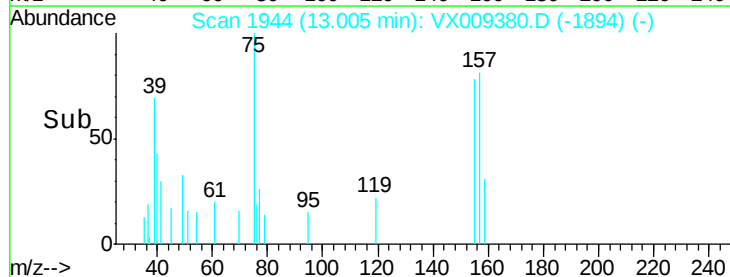
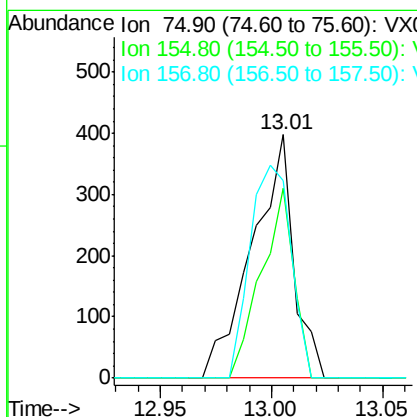
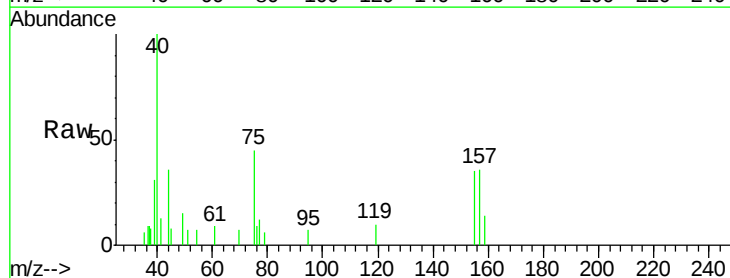
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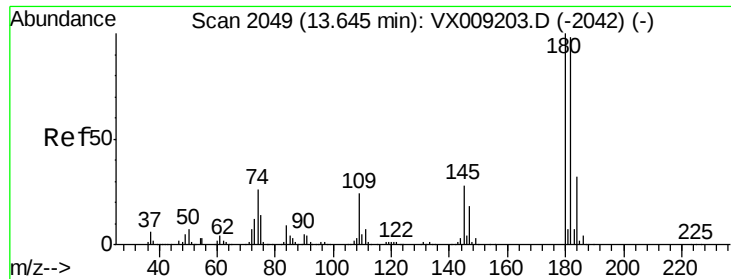
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.798 ug/l
 RT: 13.01 min Scan# 1944
 Delta R.T. 0.01 min
 Lab File: VX009380.D
 Acq: 07 May 2019 16:31

Tgt Ion	Ratio	Lower	Upper
75	100		
155	61.4	42.0	126.0
157	86.8	53.2	159.6





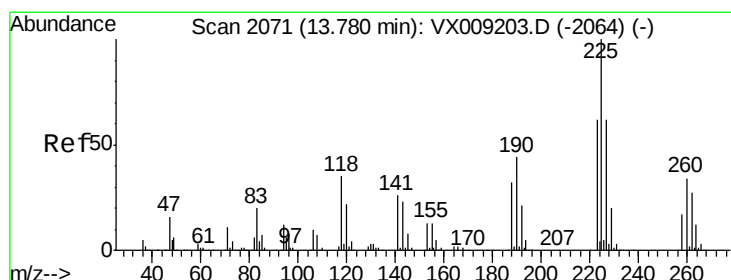
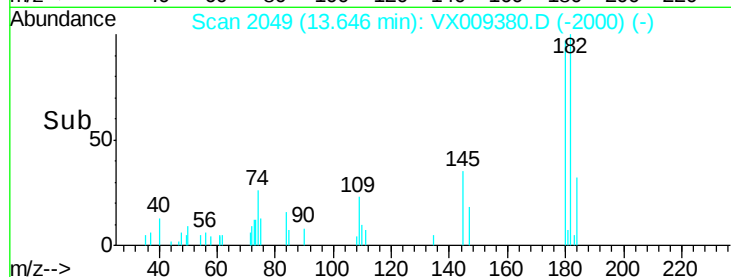
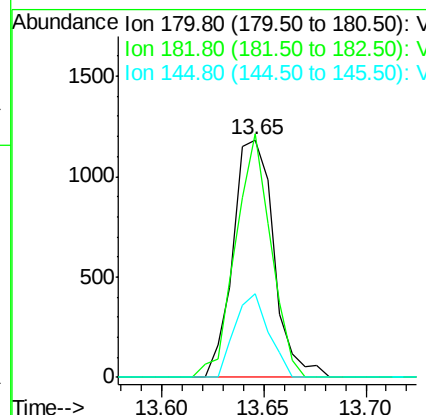
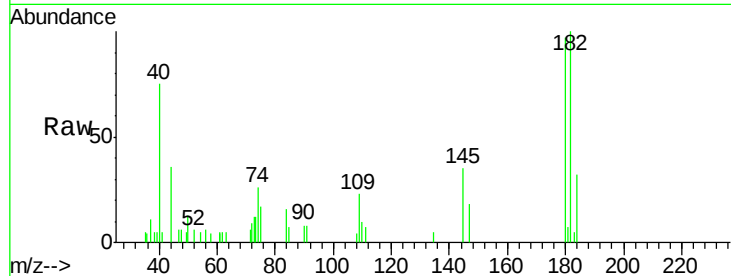
#93
 1,2,4-Trichlorobenzene
 Concen: 0.687 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX009380.D
 Acq: 07 May 2019 16:31

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2019

Tot Ion	Ratio	Lower	Upper
180	100		
182	88.8	48.4	145.2
145	29.3	14.6	43.8

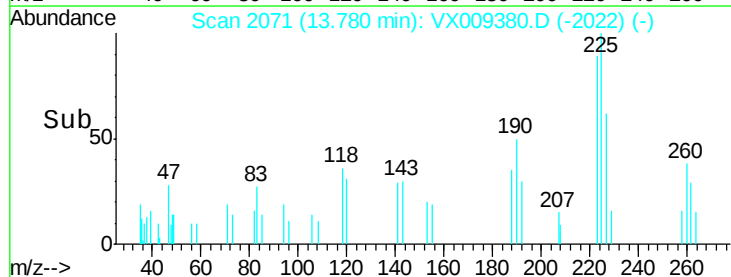
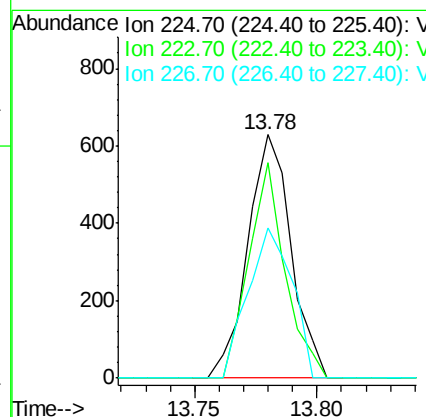
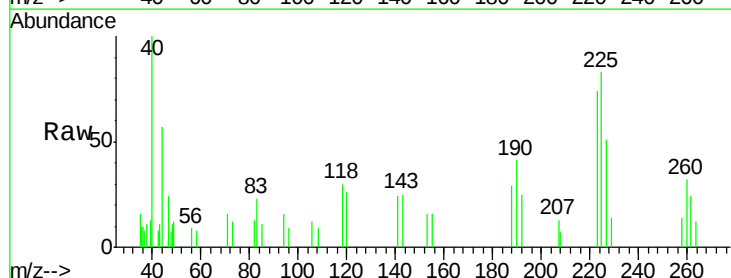
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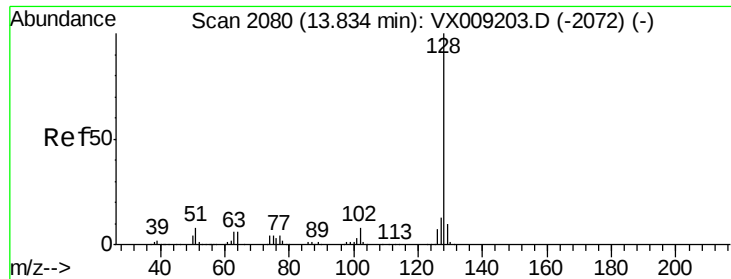
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#94
 Hexachlorobutadiene
 Concen: 0.635 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX009380.D
 Acq: 07 May 2019 16:31

Tgt Ion	Ratio	Lower	Upper
225	100		
223	74.5	31.3	93.8
227	62.7	31.8	95.3





#95

Naphthalene

Concen: 0.620 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX009380.D

Acq: 07 May 2019 16:31

Instrument :

MSVOA_X

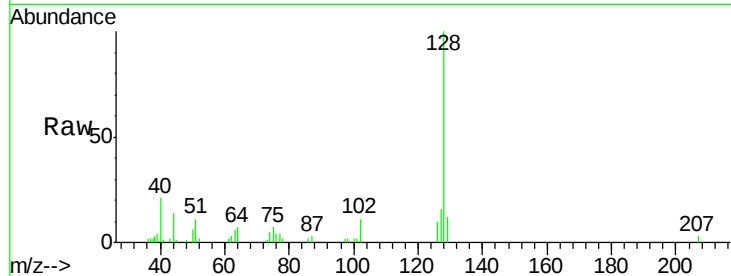
ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

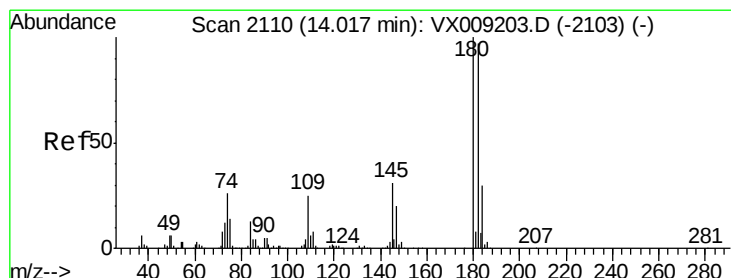
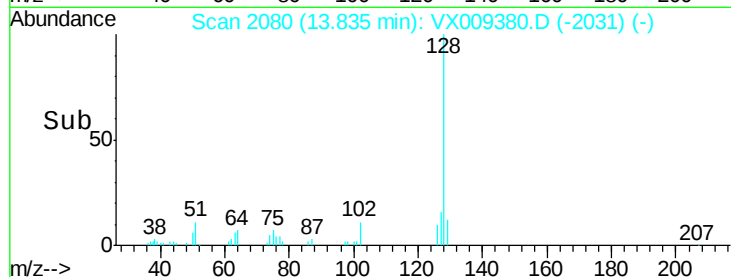
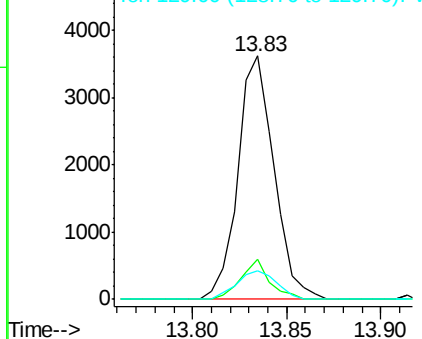
Tot Ion:	128	Resp:	4803
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	12.9	8.6	13.0

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Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 0.666 ug/l

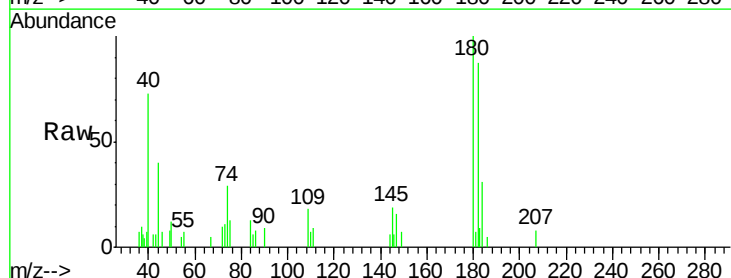
RT: 14.02 min Scan# 2111

Delta R.T. 0.01 min

Lab File: VX009380.D

Acq: 07 May 2019 16:31

Tgt Ion:	180	Resp:	1608
Ion	Ratio	Lower	Upper
180	100		
182	90.2	47.8	143.4
145	31.3	15.4	46.4



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

