

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041318\
 Data File : VX000844.D
 Acq On : 13 Apr 2018 13:01
 Operator : JC/MD
 Sample : J2133-07 LOD-MDL 0.2PPB
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2018

Manual Integrations
 APPROVED

MMDadoda
 4/16/2018 12:59:56 PM

Quant Time: Apr 14 10:38:49 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:49:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	267514	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	352116	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	329668	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	221876	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	154113	45.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.38%	
35) Dibromofluoromethane	5.51	113	127088	46.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.70%	
50) Toluene-d8	8.72	98	472281	46.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.52%	
62) 4-Bromofluorobenzene	11.15	95	189045	45.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	639	0.21	ug/l	97
3) Chloromethane	1.32	50	722	0.28	ug/l	94
4) Vinyl Chloride	1.40	62	655	0.22	ug/l	97
5) Bromomethane	1.65	94	690	Below	Cal	87
7) Trichlorofluoromethane	1.94	101	879	0.20	ug/l	89
8) Diethyl Ether	2.20	74	398m	0.24	ug/l	
9) 1,1,2-Trichlorotrifluoroet	2.39	101	600	0.23	ug/l #	89
12) 1,1-Dichloroethene	2.37	96	639	0.26	ug/l	84
14) Allyl chloride	2.73	41	1327	0.29	ug/l	91
15) Acrylonitrile	3.14	53	2153	1.69	ug/l	88
16) Acetone	2.45	43	1705	1.47	ug/l	96
17) Carbon Disulfide	2.57	76	2506	0.34	ug/l	96
18) Methyl Acetate	2.78	43	1156	0.38	ug/l	92
19) Methyl tert-butyl Ether	3.21	73	1818	0.22	ug/l #	85
20) Methylene Chloride	2.86	84	1138	0.42	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	864	0.32	ug/l #	75
22) Diisopropyl ether	3.89	45	1850	0.22	ug/l #	49
23) Vinyl Acetate	3.83	43	7423	1.01	ug/l	99
24) 1,1-Dichloroethane	3.70	63	1300	0.28	ug/l #	64
25) 2-Butanone	4.71	43	2493	1.30	ug/l	93
26) 2,2-Dichloropropane	4.57	77	1144m	0.25	ug/l	
27) cis-1,2-Dichloroethene	4.60	96	831	0.27	ug/l	90
28) Bromochloromethane	5.02	49	430	0.23	ug/l #	86
29) Tetrahydrofuran	5.17	42	2101	1.72	ug/l #	86
30) Chloroform	5.22	83	1207	0.24	ug/l #	78
31) Cyclohexane	5.58	56	1279	0.29	ug/l	90
32) 1,1,1-Trichloroethane	5.51	97	992	0.21	ug/l #	50
36) 1,1-Dichloropropene	5.81	75	1202	0.31	ug/l	93
37) Ethyl Acetate	4.87	43	947	0.25	ug/l #	92
38) Carbon Tetrachloride	5.79	117	1217	0.28	ug/l #	64
39) Methylcyclohexane	7.46	83	999	0.21	ug/l #	90
40) Benzene	6.15	78	2578	0.24	ug/l	90
42) 1,2-Dichloroethane	6.21	62	1010	0.25	ug/l #	74
43) Isopropyl Acetate	6.47	43	1476	0.23	ug/l #	84

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Instrument :
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 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2018

Manual Integrations
 APPROVED

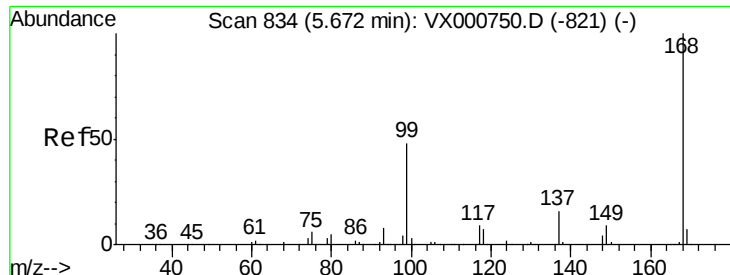
MMDadoda
 4/16/2018 12:59:56 PM

Quant Time: Apr 14 10:38:49 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

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

45) 1,2-Dichloropropane	7.52	63	610	0.22	ug/l #	39
46) Dibromomethane	7.67	93	482	0.25	ug/l	91
47) Bromodichloromethane	7.91	83	808	0.21	ug/l #	91
48) Methyl methacrylate	7.78	41	693	0.21	ug/l #	76
49) 1,4-Dioxane	7.77	88	227	3.36	ug/l #	88
51) 4-Methyl-2-Pentanone	8.66	43	3828	1.00	ug/l	100
52) Toluene	8.79	92	1470	0.21	ug/l	89
54) cis-1,3-Dichloropropene	9.05	75	906	0.20	ug/l	97
55) 1,1,2-Trichloroethane	9.23	97	626	0.22	ug/l #	83
56) Ethyl methacrylate	9.20	69	949	0.22	ug/l	95
57) 1,3-Dichloropropane	9.38	76	991	0.22	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	1929	0.94	ug/l	98
59) 2-Hexanone	9.51	43	3272	1.11	ug/l	91
61) 1,2-Dibromoethane	9.68	107	608	0.20	ug/l	99
64) Tetrachloroethene	9.34	164	743	0.23	ug/l	90
65) Chlorobenzene	10.15	112	1804	0.22	ug/l	91
67) Ethyl Benzene	10.26	91	3031	0.22	ug/l #	87
68) m/p-Xylenes	10.37	106	2395	0.44	ug/l	98
69) o-Xylene	10.70	106	1089	0.21	ug/l	97
70) Styrene	10.72	104	1910	0.22	ug/l	96
73) Isopropylbenzene	11.02	105	3017	0.21	ug/l	100
74) N-amyl acetate	6.47	43	1476	0.23	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	11.27	83	915	0.22	ug/l	89
76) 1,2,3-Trichloropropane	11.30	75	823m	0.22	ug/l	
77) Bromobenzene	11.26	156	890	0.22	ug/l	95
78) n-propylbenzene	11.37	91	3474	0.22	ug/l	100
79) 2-Chlorotoluene	11.43	91	2075	0.22	ug/l	99
82) 4-Chlorotoluene	11.52	91	2666	0.23	ug/l	98
83) tert-Butylbenzene	11.77	119	2494	0.20	ug/l	92
84) 1,2,4-Trimethylbenzene	11.82	105	2585	0.21	ug/l	95
85) sec-Butylbenzene	11.95	105	3113	0.21	ug/l	96
86) p-Isopropyltoluene	12.07	119	2968	0.22	ug/l #	73
87) 1,3-Dichlorobenzene	12.03	146	1881	0.25	ug/l	92
88) 1,4-Dichlorobenzene	12.10	146	2157m	0.28	ug/l	
89) n-Butylbenzene	12.40	91	2854	0.24	ug/l	95
91) 1,2-Dichlorobenzene	12.40	146	1596	0.22	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	13.01	75	205	0.20	ug/l	65
93) 1,2,4-Trichlorobenzene	13.65	180	1771	0.28	ug/l	99
94) Hexachlorobutadiene	13.79	225	723	0.23	ug/l	83
95) Naphthalene	13.84	128	3937	0.24	ug/l	98
96) 1,2,3-Trichlorobenzene	14.03	180	1540	0.25	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX000844.D

Acq: 13 Apr 2018 13:01

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2018

Tot Ion:168 Resp: 267514

Ion Ratio Lower Upper

168 100

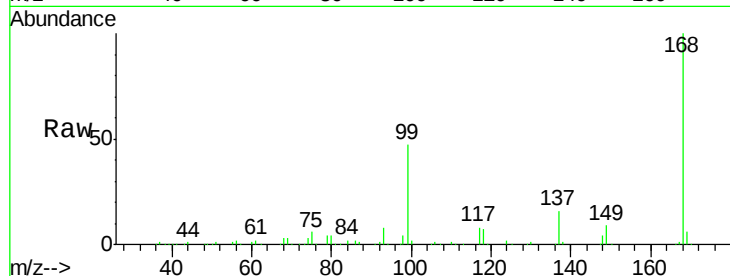
99 47.4 38.3 57.5

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

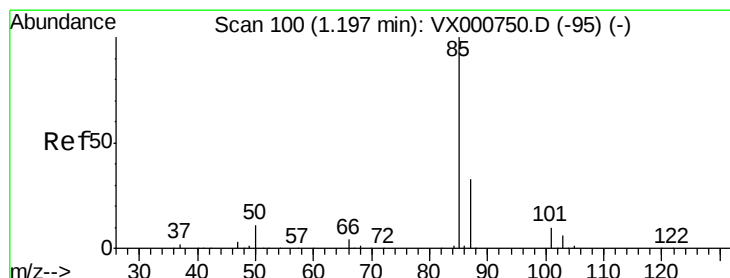
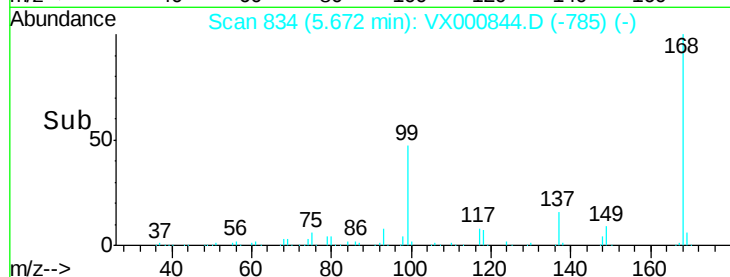
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 0.21 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000844.D

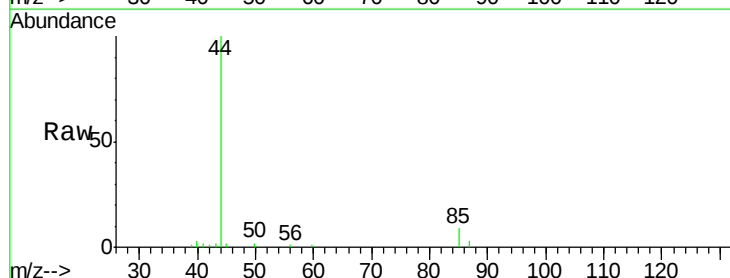
Acq: 13 Apr 2018 13:01

Tgt Ion: 85 Resp: 639

Ion Ratio Lower Upper

85 100

87 33.9 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

600

500

400

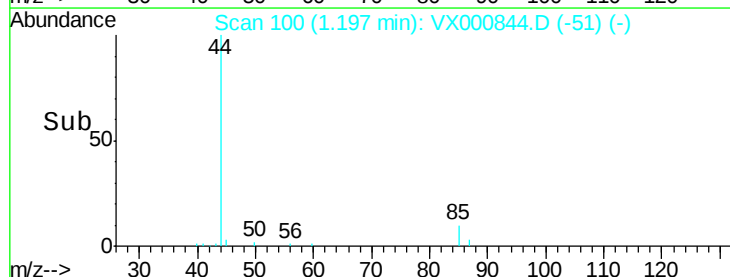
300

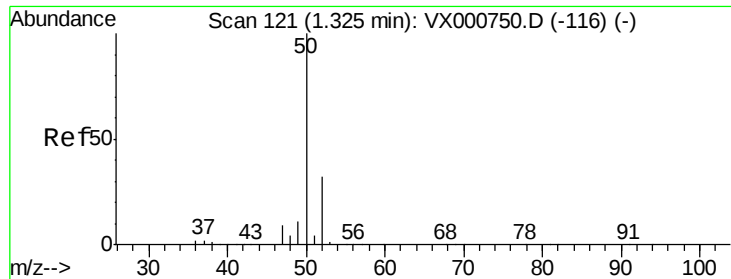
200

100

0

Time-->





#3

Chloromethane

Concen: 0.28 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000844.D

Acq: 13 Apr 2018 13:01

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2018

Tot Ion: 50 Resp: 722

Ion Ratio Lower Upper

50 100

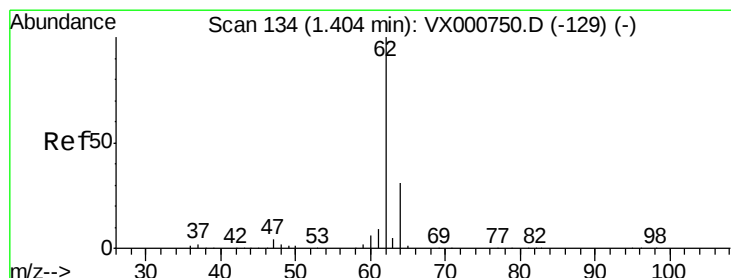
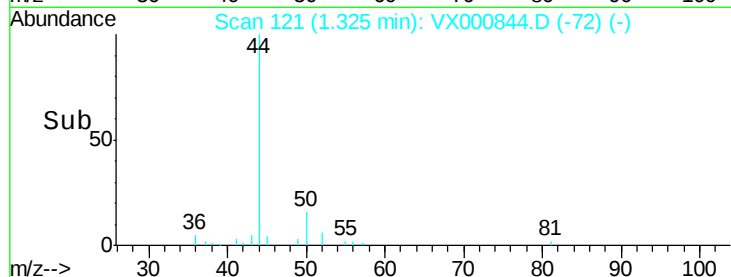
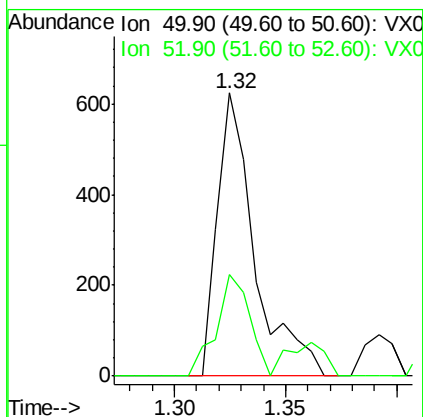
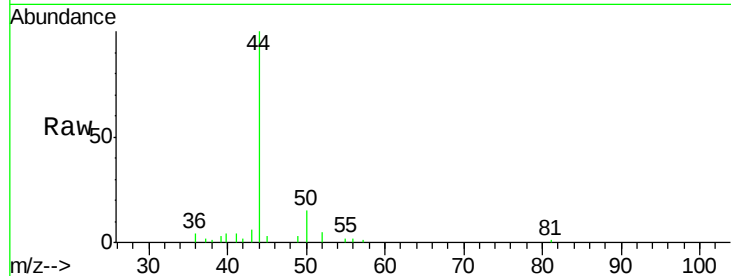
52 35.7 25.8 38.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 0.22 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX000844.D

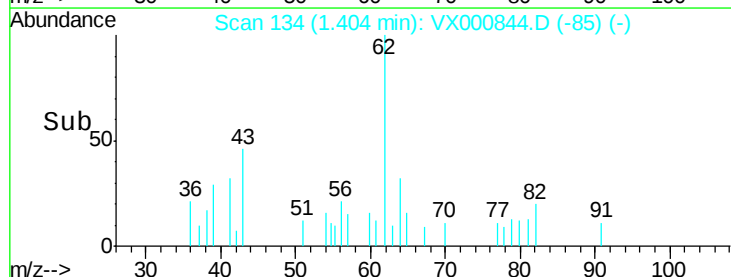
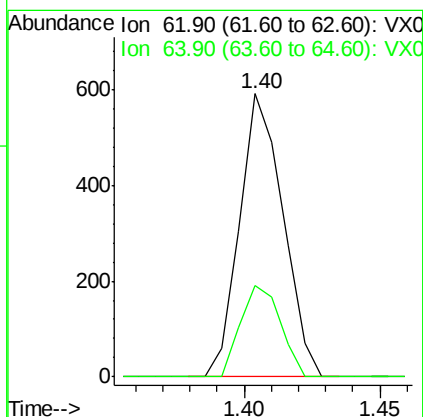
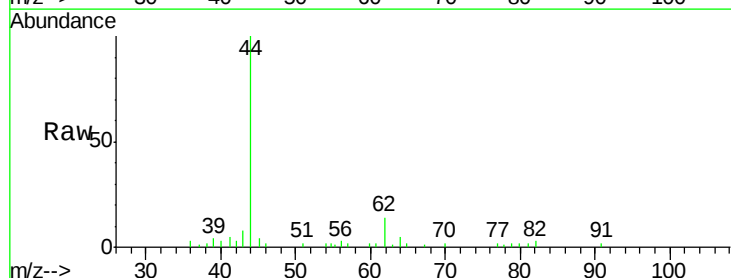
Acq: 13 Apr 2018 13:01

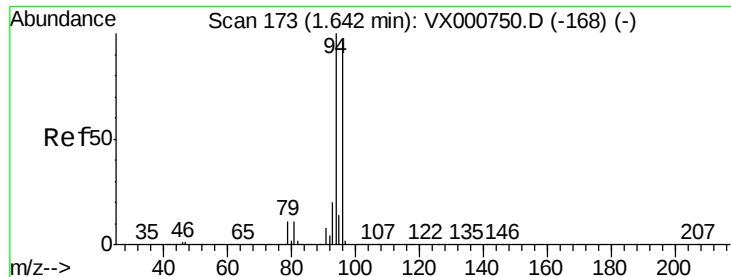
Tgt Ion: 62 Resp: 655

Ion Ratio Lower Upper

62 100

64 32.1 24.6 36.8





#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX000844.D

Acq: 13 Apr 2018 13:01

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2018

Tot Ion: 94 Resp: 690

Ion Ratio Lower Upper

94 100

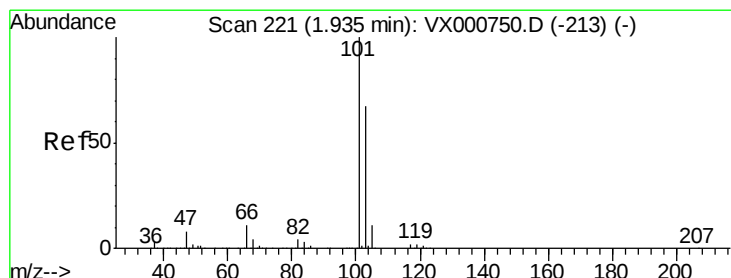
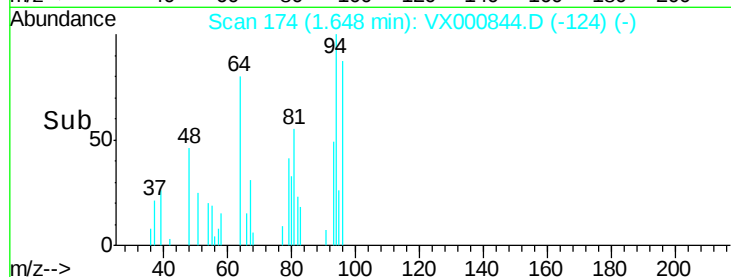
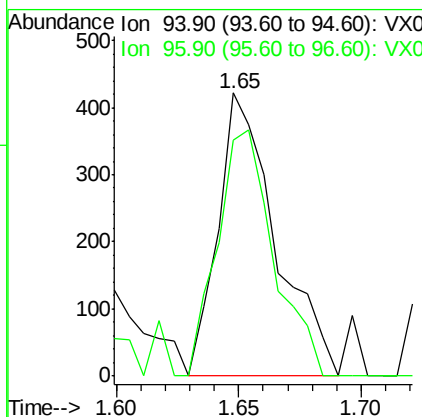
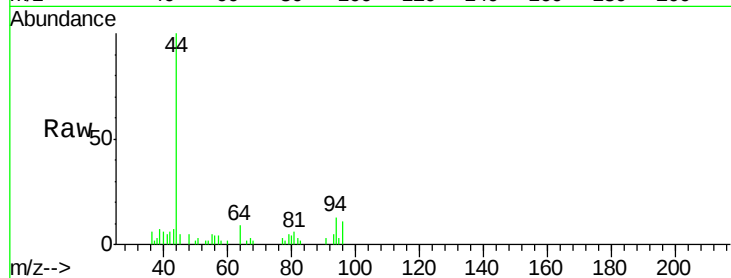
96 83.2 77.0 115.6

Manual Integrations

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#7

Trichlorofluoromethane

Concen: 0.20 ug/l

RT: 1.94 min Scan# 222

Delta R.T. 0.01 min

Lab File: VX000844.D

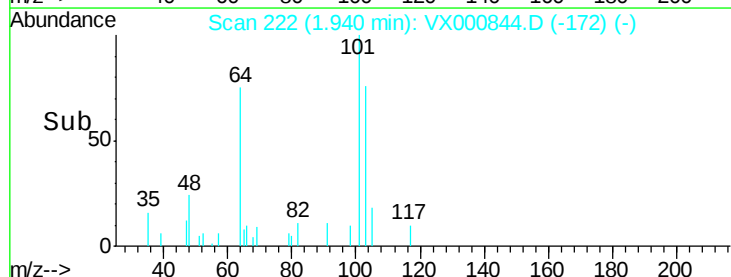
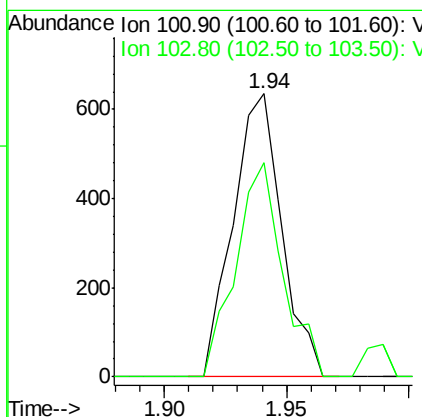
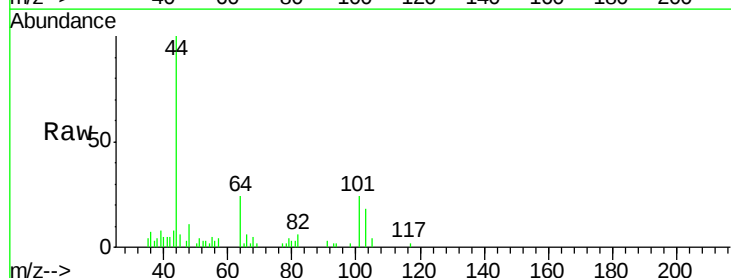
Acq: 13 Apr 2018 13:01

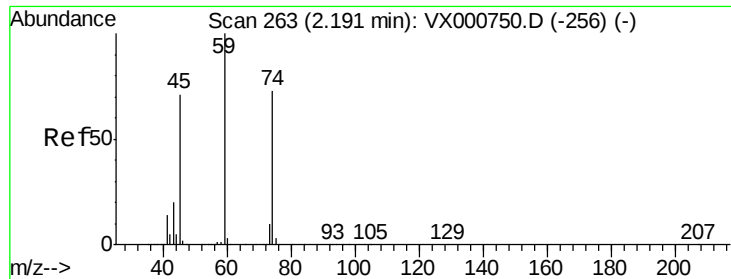
Tgt Ion:101 Resp: 879

Ion Ratio Lower Upper

101 100

103 75.6 53.2 79.8





#8

Diethyl Ether

Concen: 0.24 ug/l m

RT: 2.20 min Scan# 264

Delta R.T. 0.01 min

Lab File: VX000844.D

Acq: 13 Apr 2018 13:01

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2018

Tot Ion: 74 Resp: 398

Ion Ratio Lower Upper

74 100

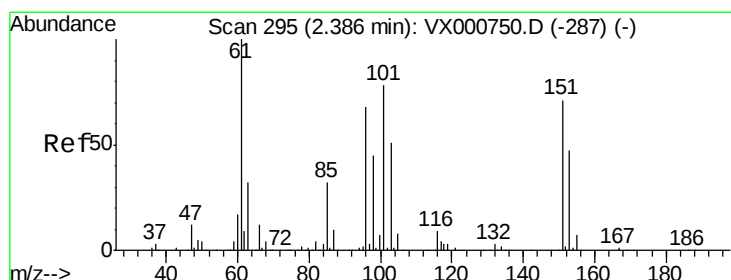
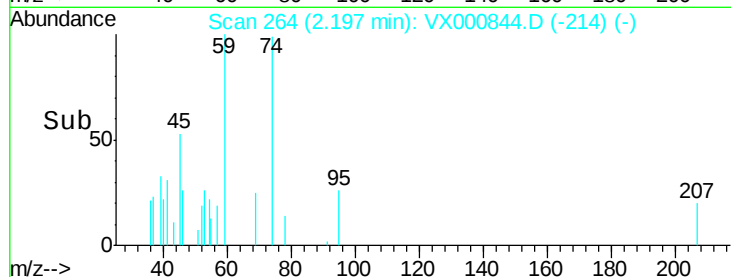
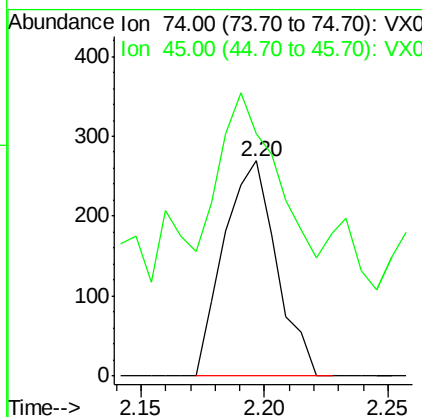
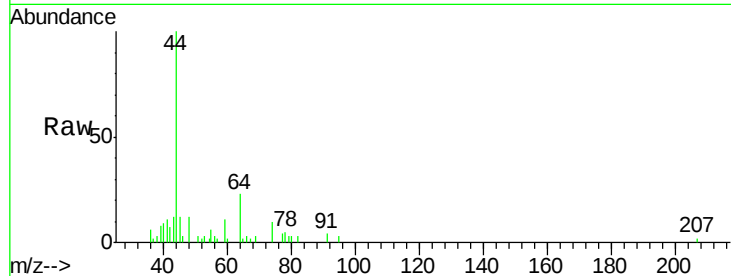
45 0.0 48.6 145.8#

Manual Integrations

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#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.23 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX000844.D

Acq: 13 Apr 2018 13:01

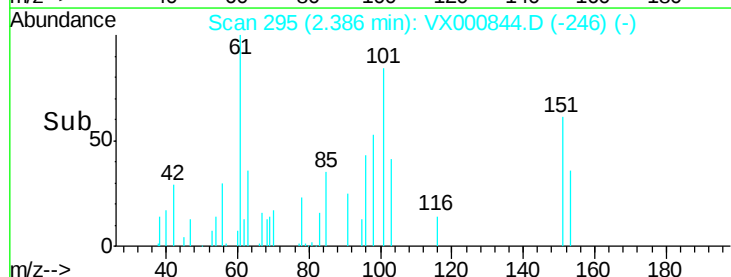
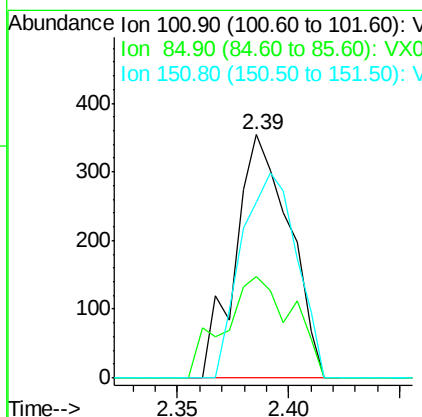
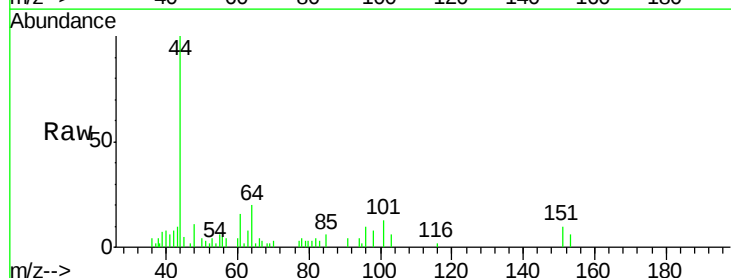
Tgt Ion: 101 Resp: 600

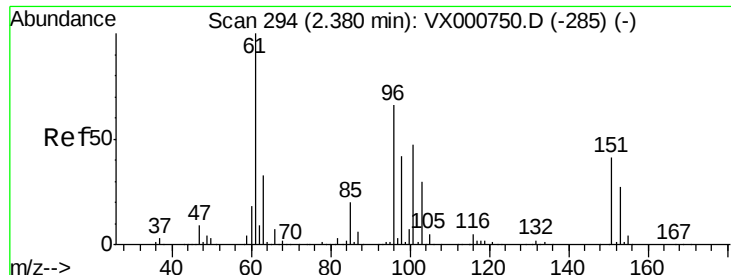
Ion Ratio Lower Upper

101 100

85 52.3 34.0 51.0#

151 86.2 75.8 113.8





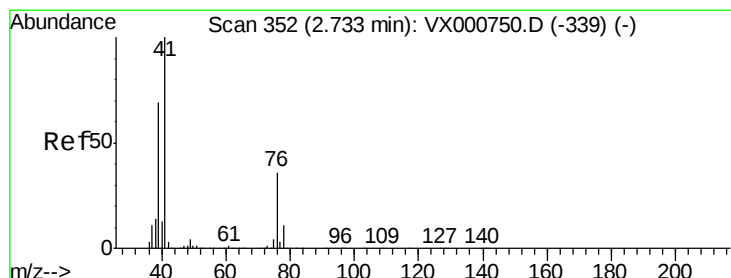
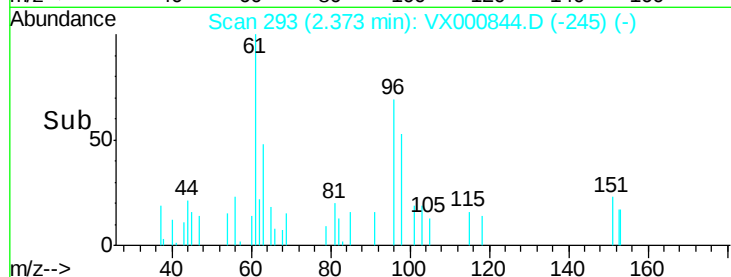
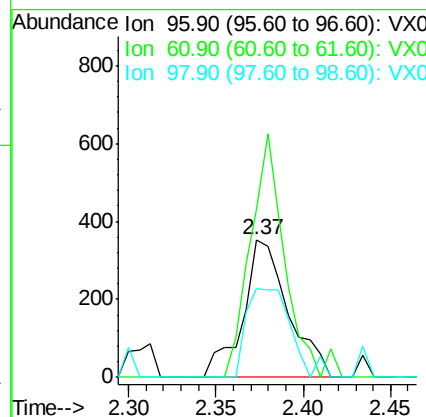
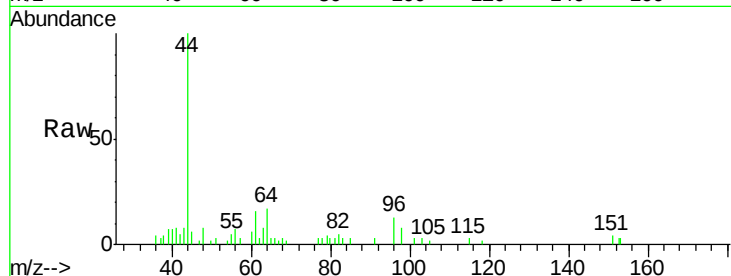
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 1,1-Dichloroethene
 Concen: 0.26 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. -0.01 min
 Lab File: VX000844.D
 Acq: 13 Apr 2018 13:01

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2018

Tot Ion	Ratio	Lower	Upper
96	100		
61	122.4	120.5	180.7
98	64.3	50.9	76.3

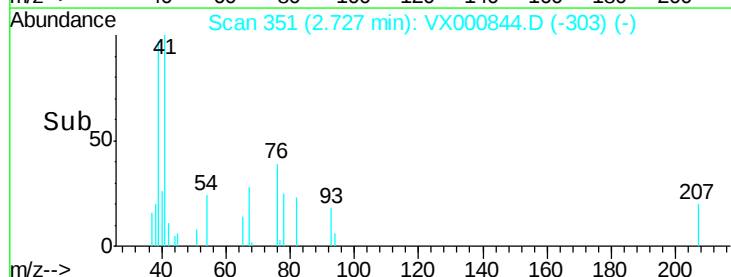
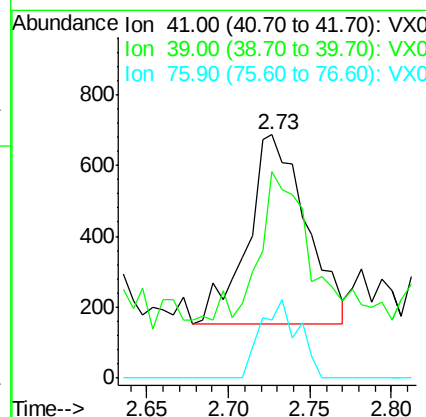
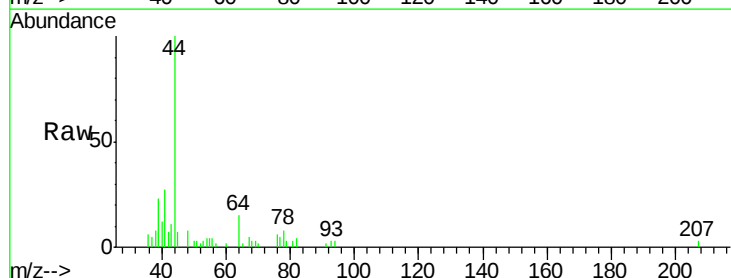
Manual Integrations
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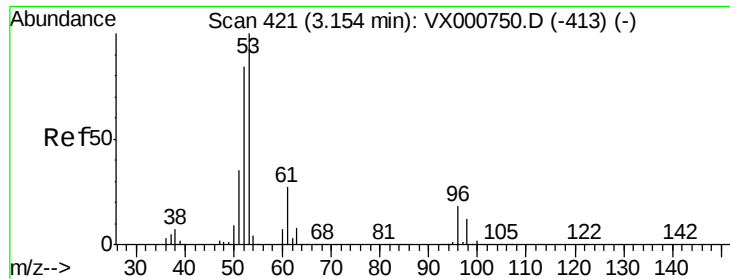
MMDadoda
 4/16/2018 12:59:56 PM



#14
 Allyl chloride
 Concen: 0.29 ug/l
 RT: 2.73 min Scan# 351
 Delta R.T. -0.01 min
 Lab File: VX000844.D
 Acq: 13 Apr 2018 13:01

Tgt Ion	Ratio	Lower	Upper
41	100		
39	70.1	51.5	77.3
76	26.8	26.5	39.7





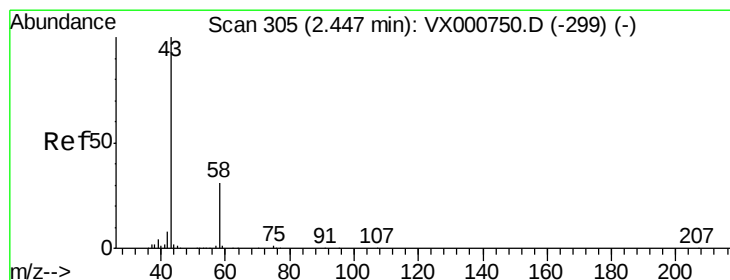
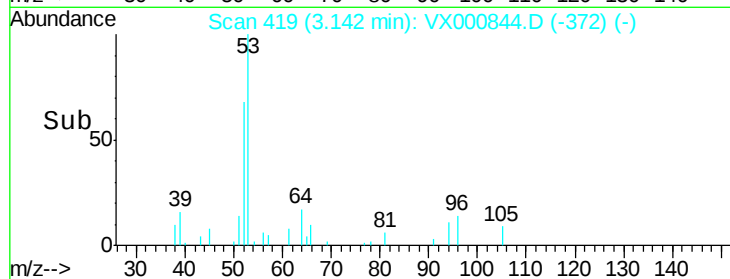
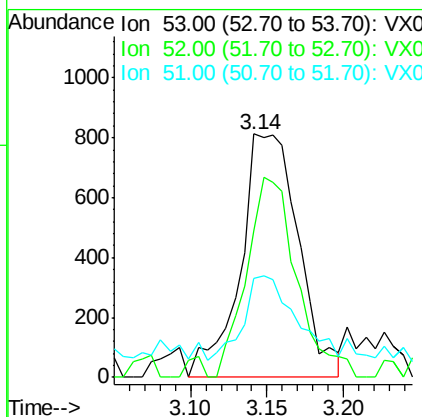
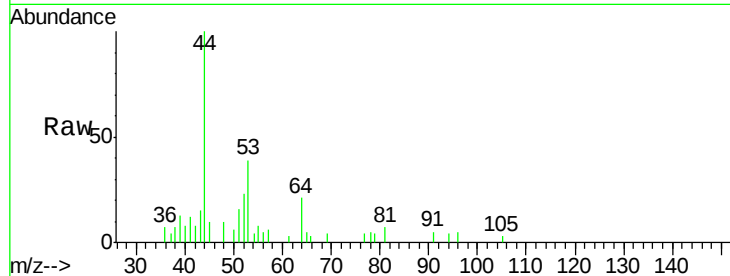
#15
 Acrylonitrile
 Concen: 1.69 ug/l
 RT: 3.14 min Scan# 419
 Delta R.T. -0.01 min
 Lab File: VX000844.D
 Acq: 13 Apr 2018 13:01

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2018

Tot Ion	Ratio	Lower	Upper
53	100		
52	71.1	66.5	99.7
51	31.0	28.8	43.2

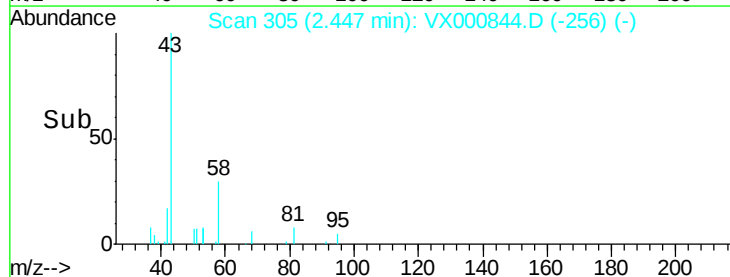
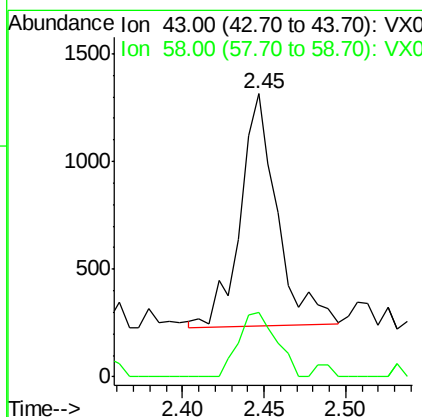
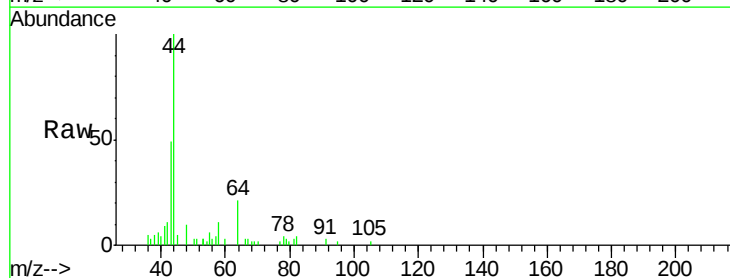
Manual Integrations
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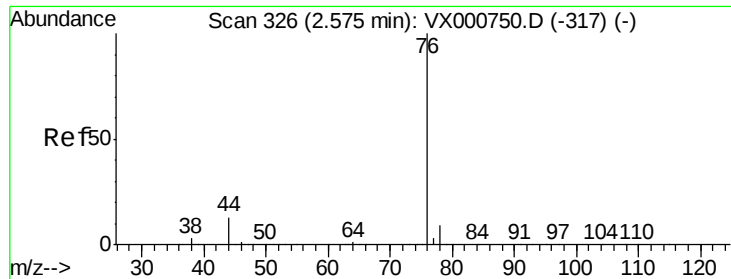
MMDadoda
 4/16/2018 12:59:56 PM



#16
 Acetone
 Concen: 1.47 ug/l
 RT: 2.45 min Scan# 305
 Delta R.T. -0.00 min
 Lab File: VX000844.D
 Acq: 13 Apr 2018 13:01

Tgt Ion	Ratio	Lower	Upper
43	100		
58	28.4	24.6	37.0





#17

Carbon Disulfide

Concen: 0.34 ug/l

RT: 2.57 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX000844.D

Acq: 13 Apr 2018 13:01

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2018

Tot Ion: 76 Resp: 2506

Ion Ratio Lower Upper

76 100

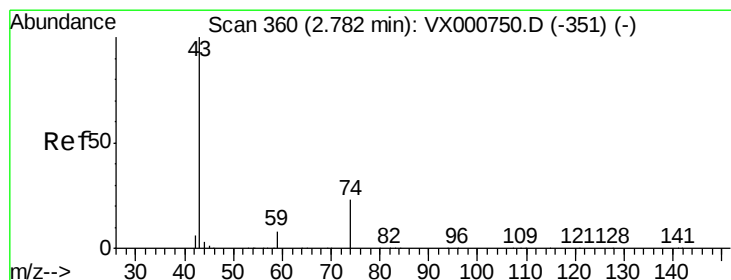
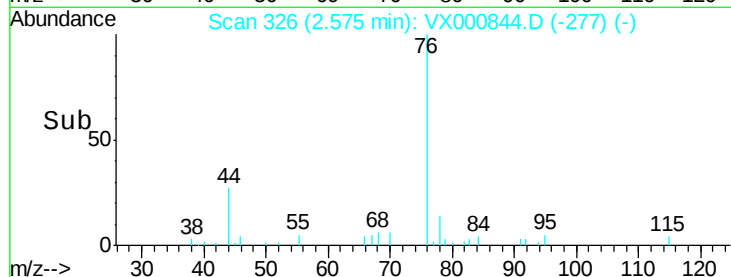
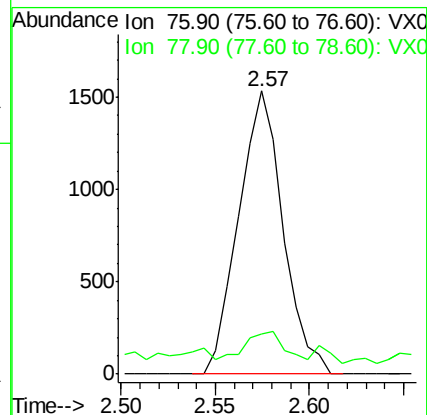
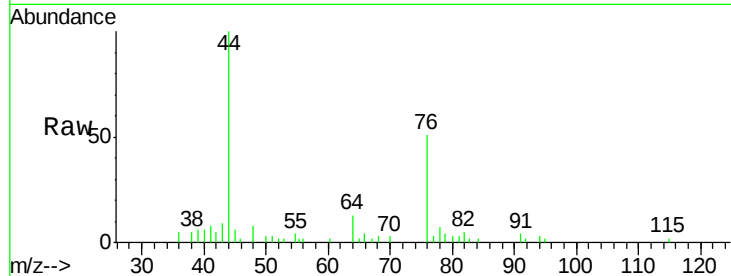
78 10.8 7.4 11.2

Manual Integrations

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#18

Methyl Acetate

Concen: 0.38 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX000844.D

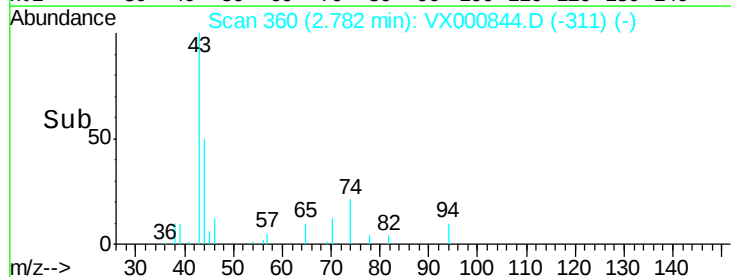
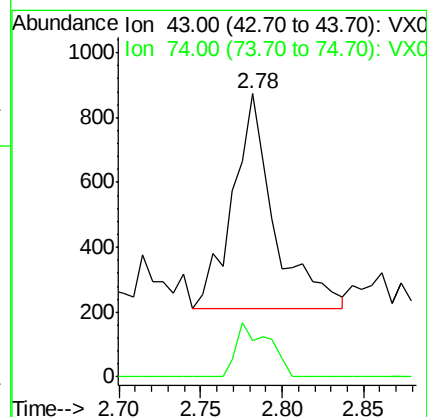
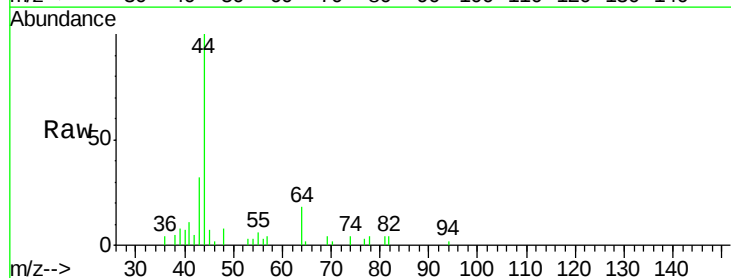
Acq: 13 Apr 2018 13:01

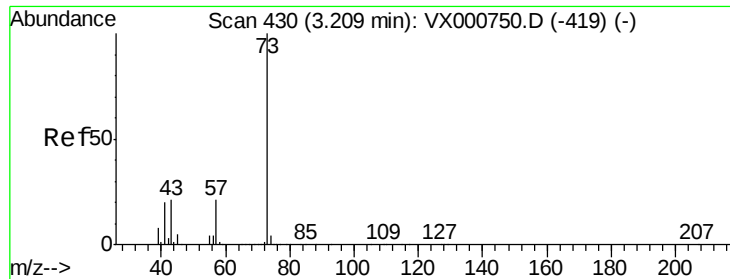
Tgt Ion: 43 Resp: 1156

Ion Ratio Lower Upper

43 100

74 20.1 19.1 28.7





#19

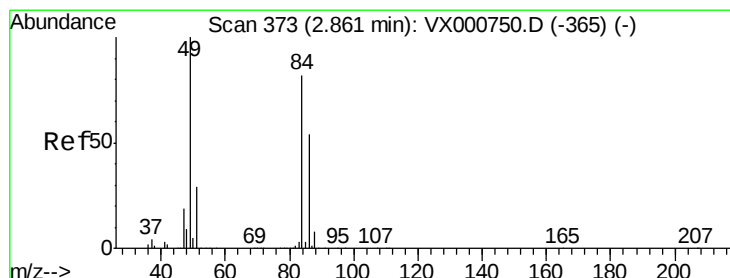
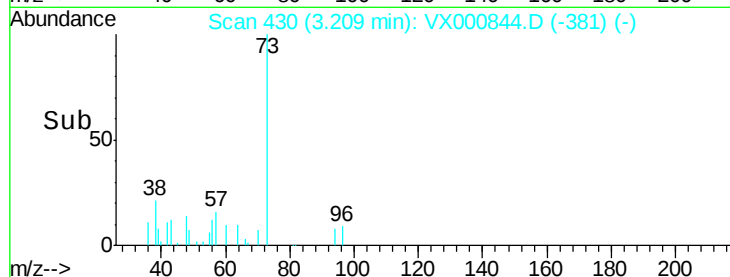
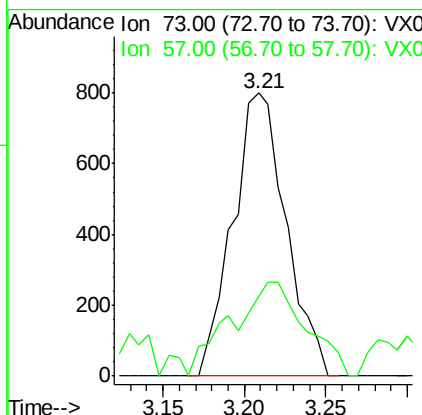
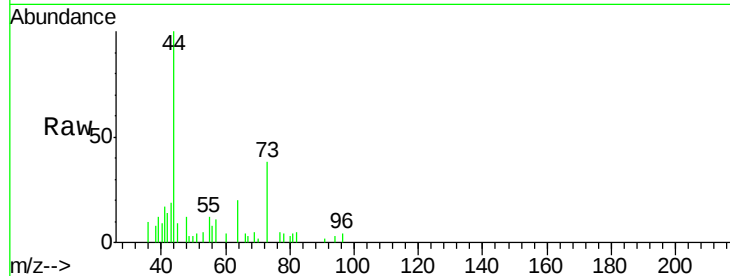
Methyl tert-butyl Ether
 Concen: 0.22 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. -0.00 min
 Lab File: VX000844.D
 Acq: 13 Apr 2018 13:01

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2018

Tot Ion	Ratio	Lower	Upper
73	100		
57	28.3	16.9	25.3#

Manual Integrations
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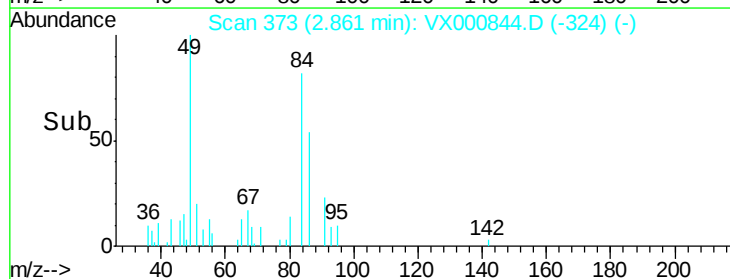
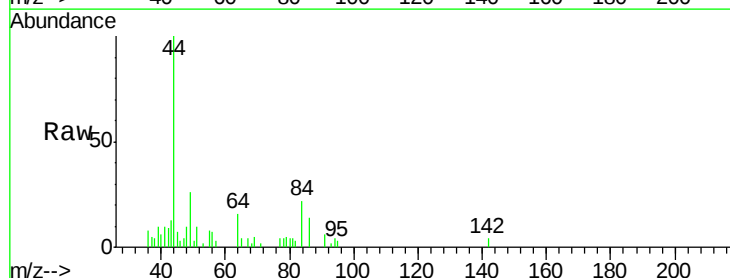
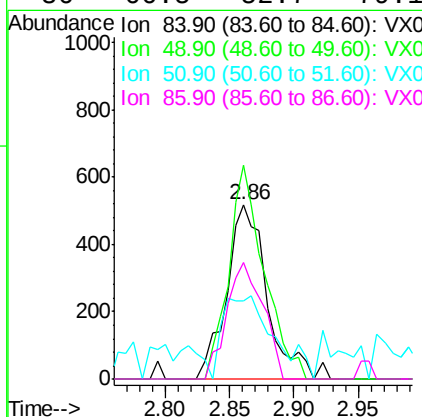
MMDadoda
 4/16/2018 12:59:56 PM

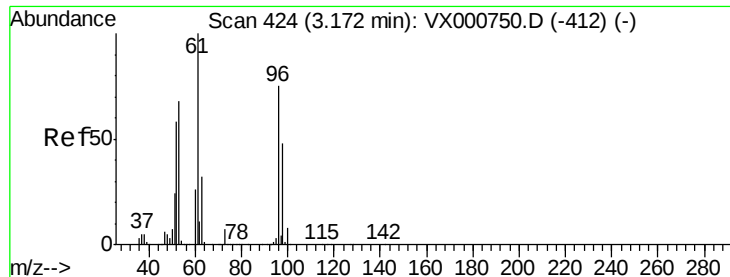


#20

Methylene Chloride
 Concen: 0.42 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. -0.00 min
 Lab File: VX000844.D
 Acq: 13 Apr 2018 13:01

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.4	98.1	147.1
51	29.1	28.9	43.3
86	66.5	52.7	79.1





#21

trans-1,2-Dichloroethene

Concen: 0.32 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX000844.D

Acq: 13 Apr 2018 13:01

Instrument :

MSVOA_X

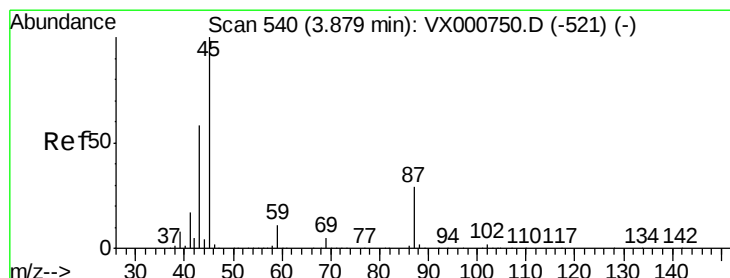
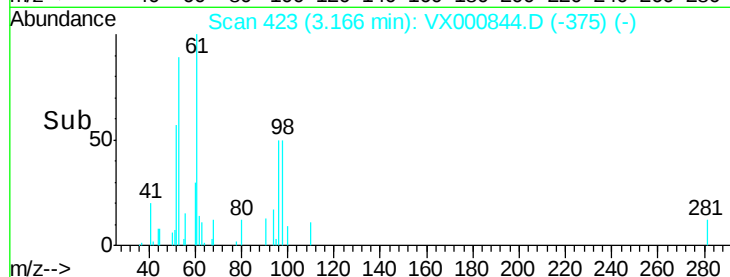
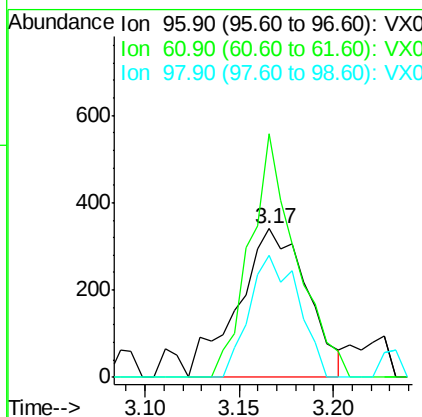
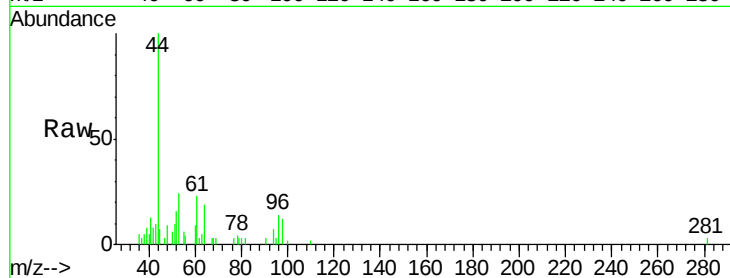
ClientSampleId :

LOD-MDL-WATER-01-QT2-2018

Tot Ion:	96	Resp:	864
Ion	Ratio	Lower	Upper
96	100		
61	164.1	106.2	159.2#
98	82.1	51.2	76.8#

Manual Integrations
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#22

Diisopropyl ether

Concen: 0.22 ug/l

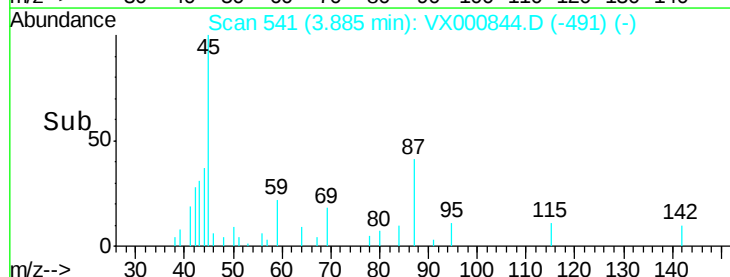
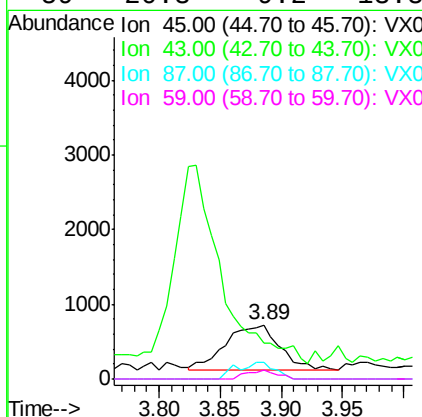
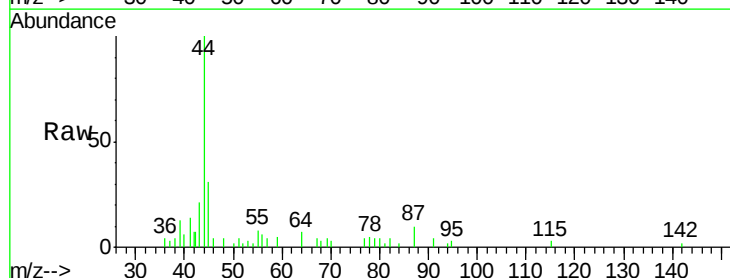
RT: 3.89 min Scan# 541

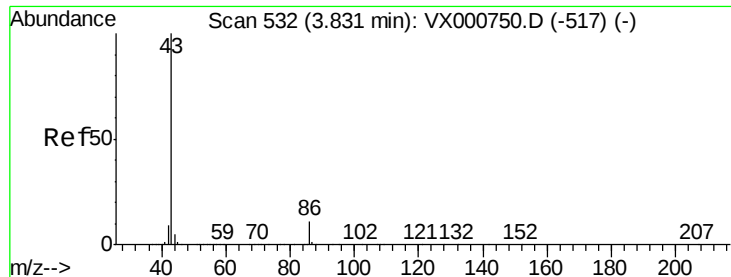
Delta R.T. 0.01 min

Lab File: VX000844.D

Acq: 13 Apr 2018 13:01

Tgt Ion:	45	Resp:	1850
Ion	Ratio	Lower	Upper
45	100		
43	3.8	46.6	69.8#
87	38.0	22.9	34.3#
59	20.3	9.2	13.8#





#23

Vinyl Acetate

Concen: 1.01 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX000844.D

Acq: 13 Apr 2018 13:01

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2018

Tot Ion: 43 Resp: 7423

Ion Ratio Lower Upper

43 100

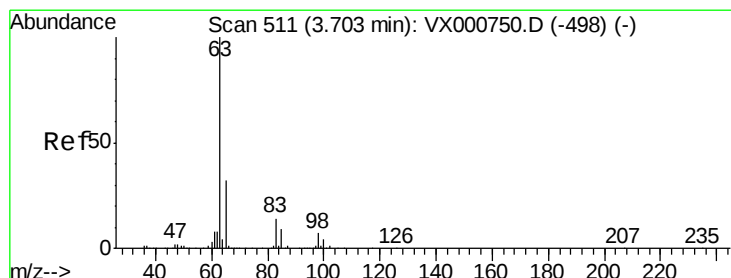
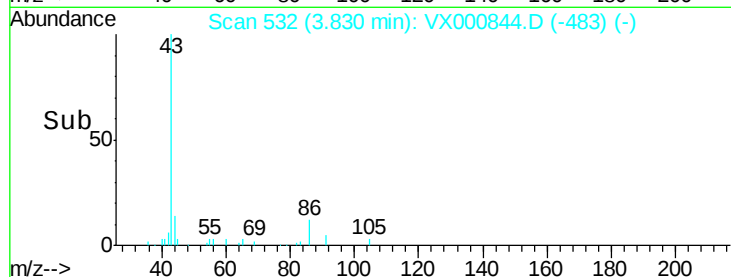
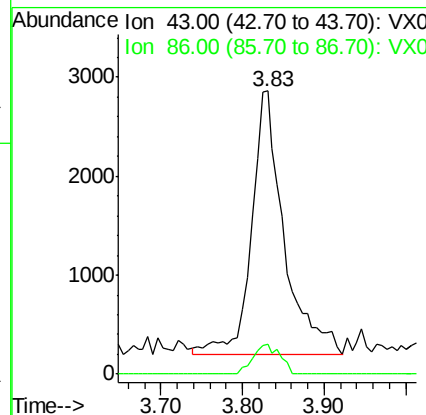
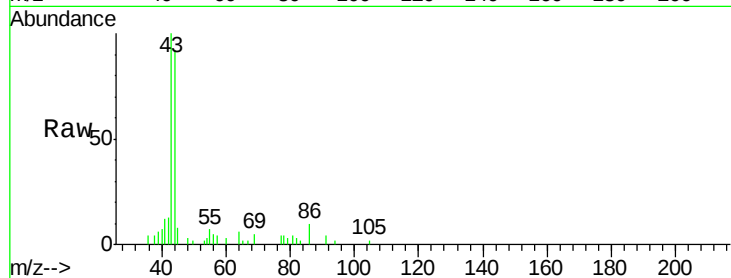
86 11.1 8.6 12.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 0.28 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.01 min

Lab File: VX000844.D

Acq: 13 Apr 2018 13:01

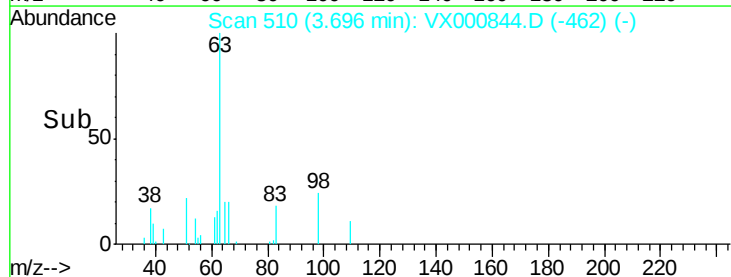
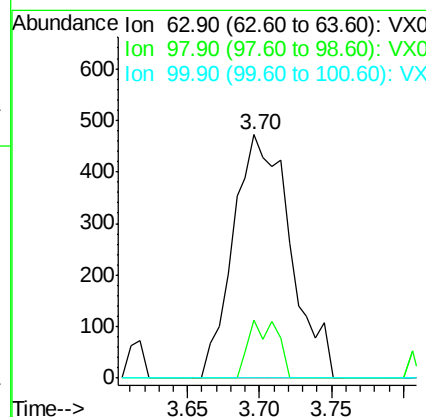
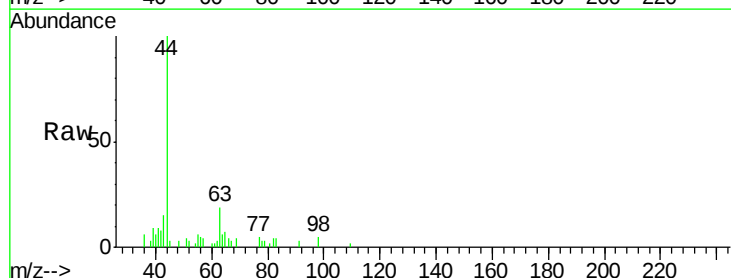
Tgt Ion: 63 Resp: 1300

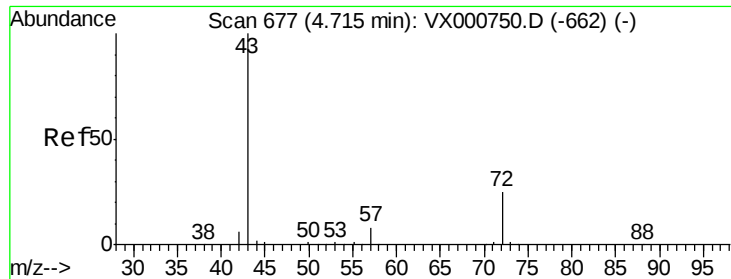
Ion Ratio Lower Upper

63 100

98 23.7 3.3 9.9#

100 0.0 2.1 6.3#





#25

2-Butanone

Concen: 1.30 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX000844.D

Acq: 13 Apr 2018 13:01

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2018

Tot Ion: 43 Resp: 2493

Ion Ratio Lower Upper

43 100

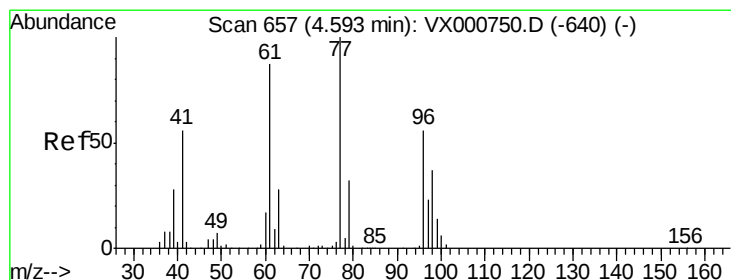
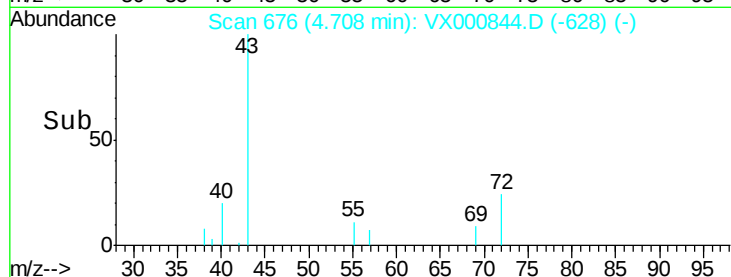
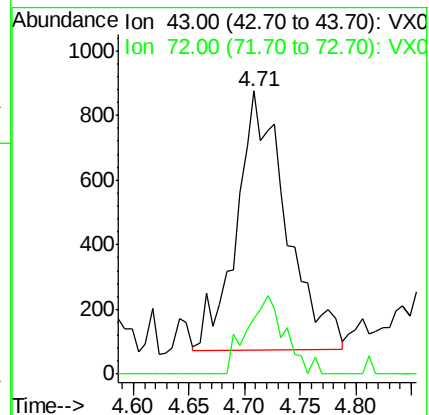
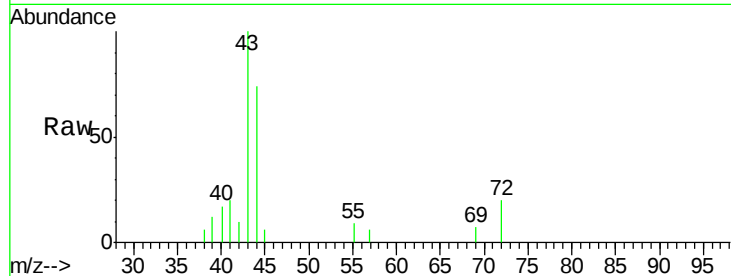
72 21.6 20.3 30.5

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 0.25 ug/l m

RT: 4.57 min Scan# 653

Delta R.T. -0.02 min

Lab File: VX000844.D

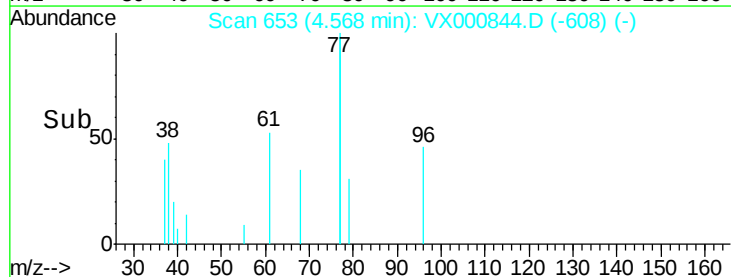
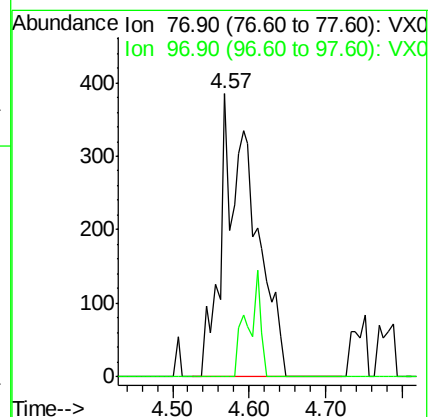
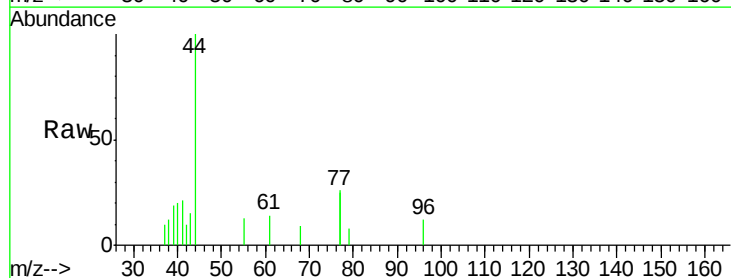
Acq: 13 Apr 2018 13:01

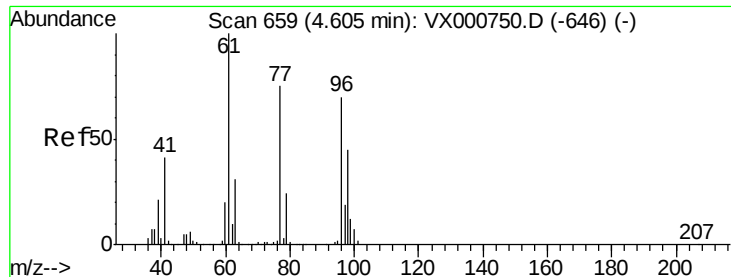
Tgt Ion: 77 Resp: 1144

Ion Ratio Lower Upper

77 100

97 0.0 11.5 34.4#





#27

cis-1,2-Dichloroethene

Concen: 0.27 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX000844.D

Acq: 13 Apr 2018 13:01

Instrument :

MSVOA_X

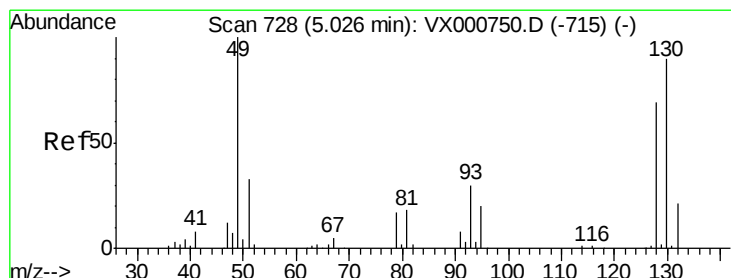
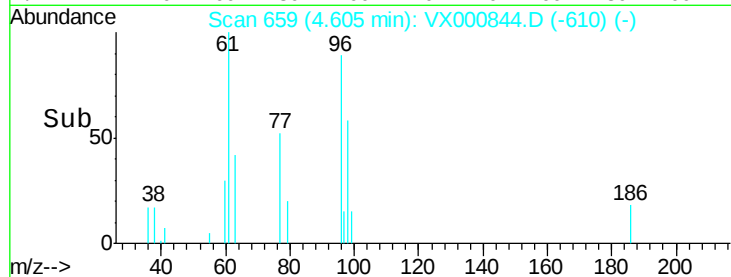
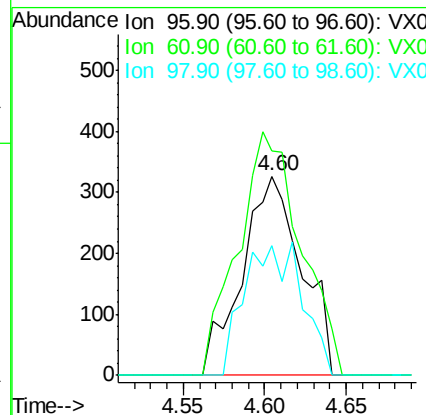
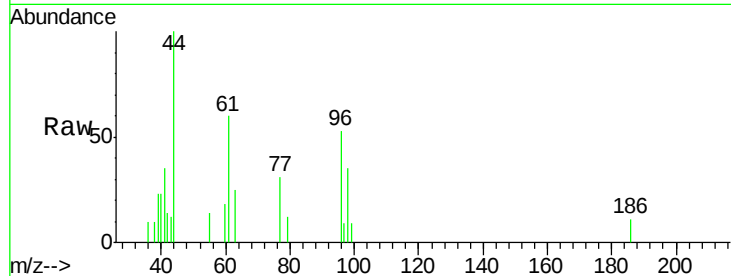
ClientSampleId :

LOD-MDL-WATER-01-QT2-2018

Tot Ion:	96	Resp:	831
Ion	Ratio	Lower	Upper
96	100		
61	129.2	0.0	292.4
98	63.8	0.0	130.2

Manual Integrations
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#28

Bromochloromethane

Concen: 0.23 ug/l

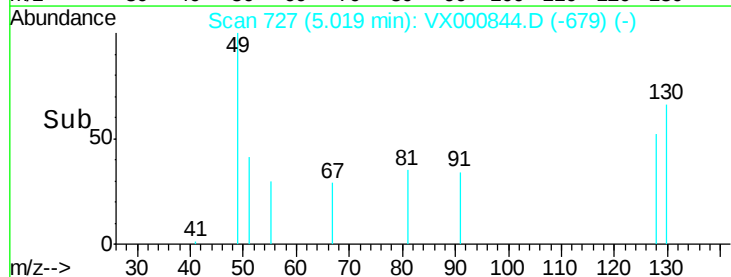
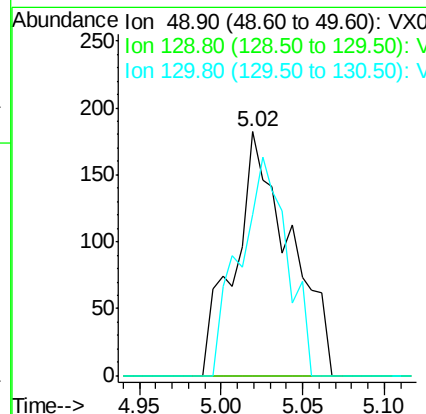
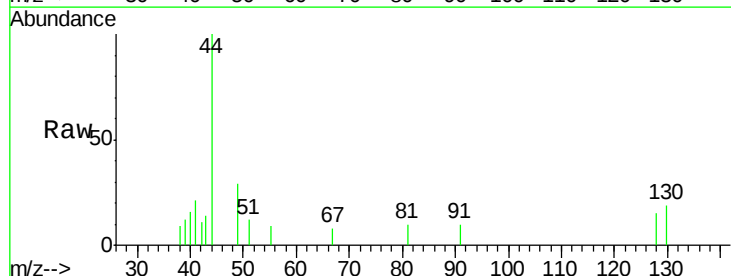
RT: 5.02 min Scan# 727

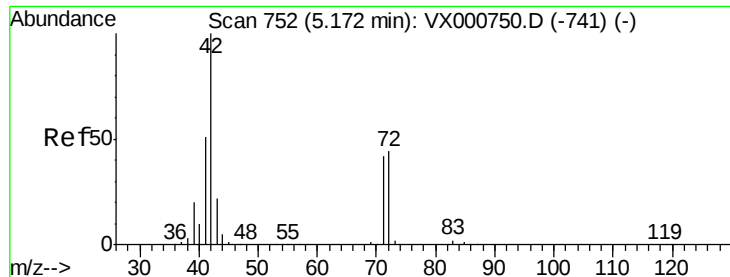
Delta R.T. -0.01 min

Lab File: VX000844.D

Acq: 13 Apr 2018 13:01

Tgt Ion:	49	Resp:	430
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	5.2
130	77.2	72.6	109.0





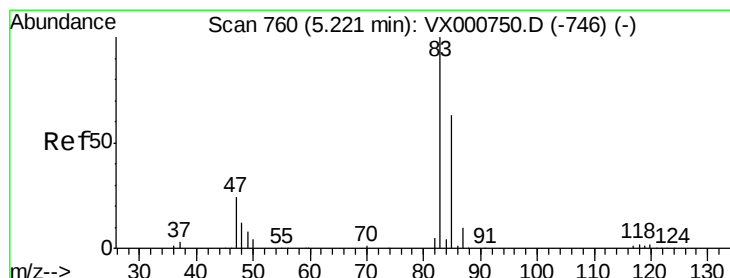
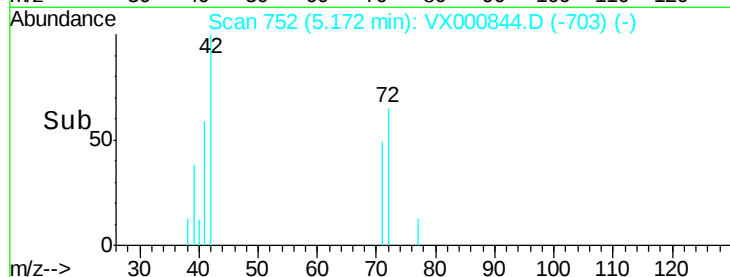
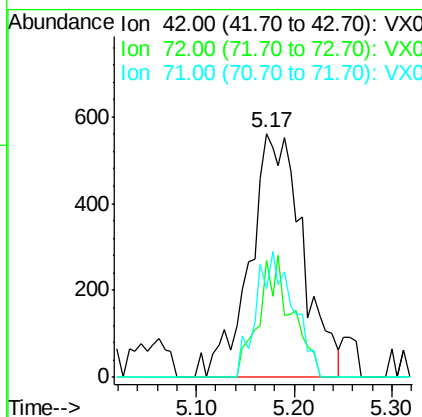
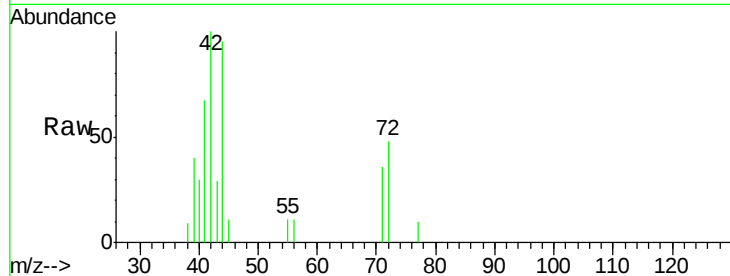
#29
Tetrahydrofuran
Concen: 1.72 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.00 min
Lab File: VX000844.D
Acq: 13 Apr 2018 13:01

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2018

Tot Ion	Ratio	Lower	Upper
42	100		
72	31.1	35.1	52.7#
71	36.1	32.8	49.2

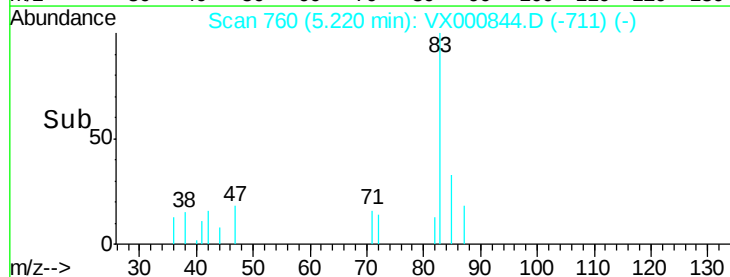
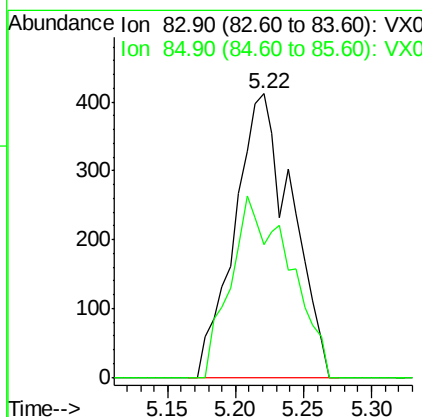
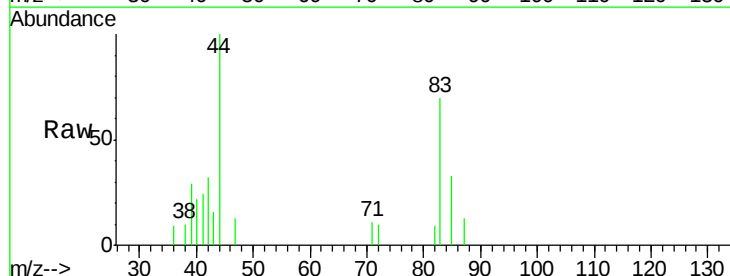
Manual Integrations
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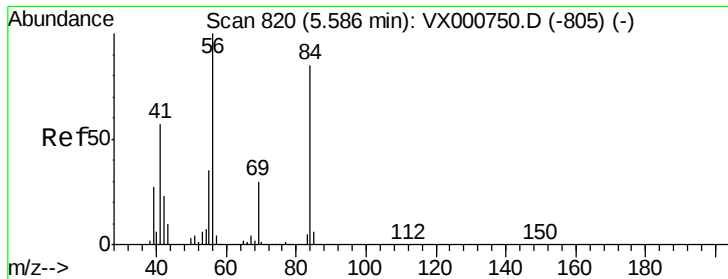
MMDadoda
4/16/2018 12:59:56 PM



#30
Chloroform
Concen: 0.24 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX000844.D
Acq: 13 Apr 2018 13:01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	46.6	50.7	76.1#





#31

Cyclohexane

Concen: 0.29 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.01 min

Lab File: VX000844.D

Acq: 13 Apr 2018 13:01

Instrument :

MSVOA_X

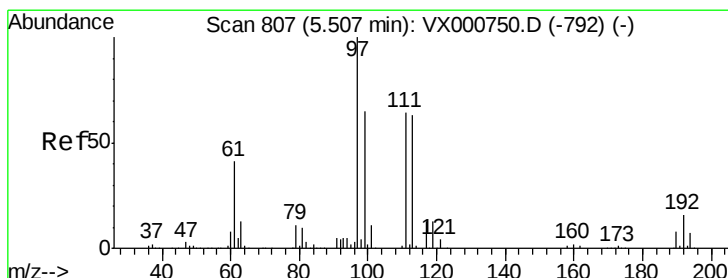
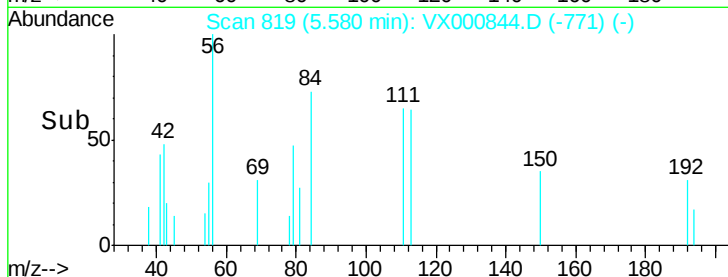
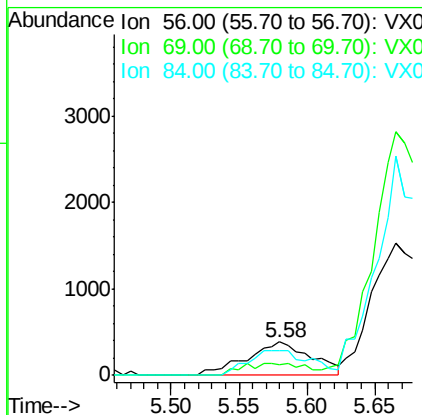
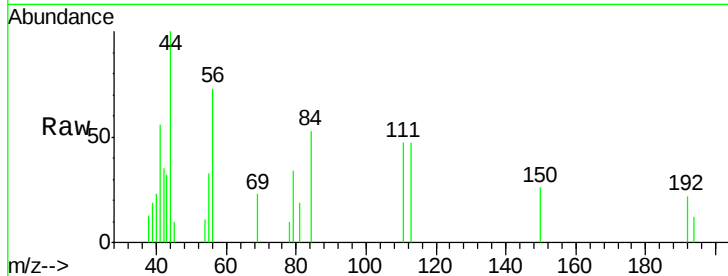
ClientSampleId :

LOD-MDL-WATER-01-QT2-2018

Tot Ion:	56	Resp:	1279
Ion	Ratio	Lower	Upper
56	100		
69	31.4	24.2	36.4
84	72.9	67.6	101.4

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 0.21 ug/l

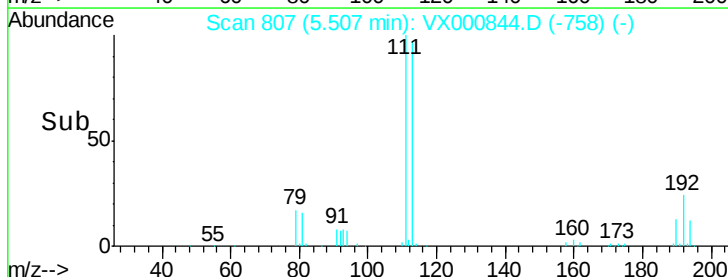
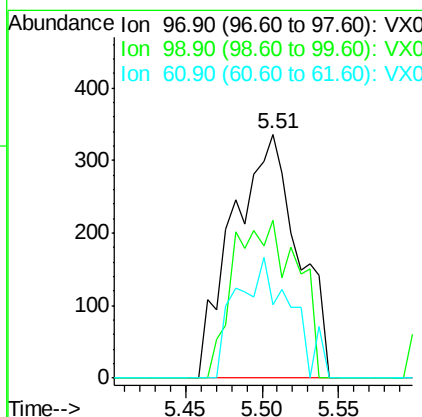
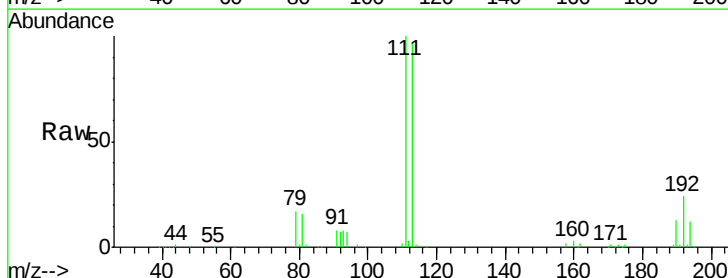
RT: 5.51 min Scan# 807

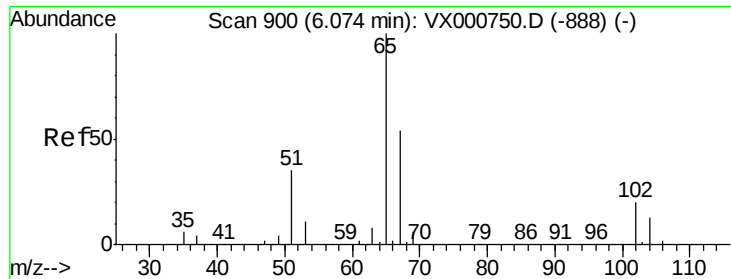
Delta R.T. -0.00 min

Lab File: VX000844.D

Acq: 13 Apr 2018 13:01

Tgt Ion:	97	Resp:	992
Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.4	77.0#
61	41.0	33.7	50.5





#33

1,2-Dichloroethane-d4

Concen: 45.69 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX000844.D

Acq: 13 Apr 2018 13:01

Tot Ion: 65 Resp: 154113

Ion Ratio Lower Upper

65 100

67 52.0 0.0 103.8

Instrument :

MSVOA_X

ClientSampleId :

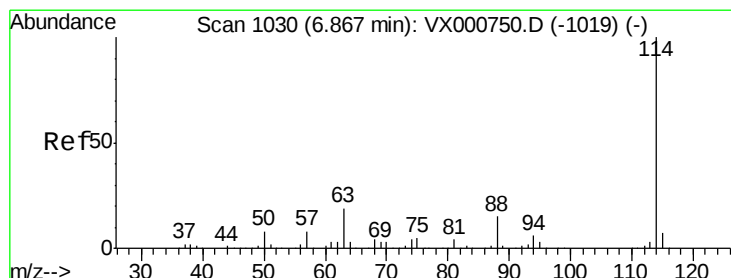
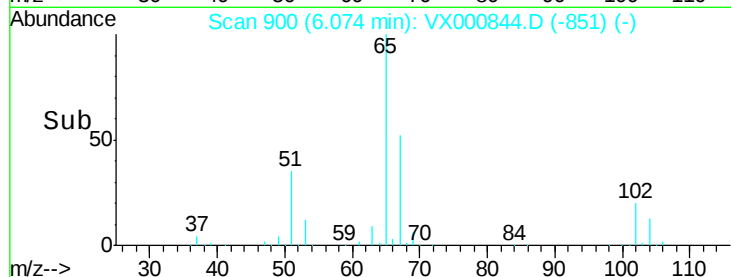
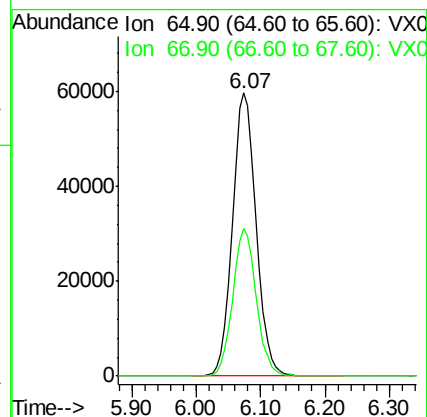
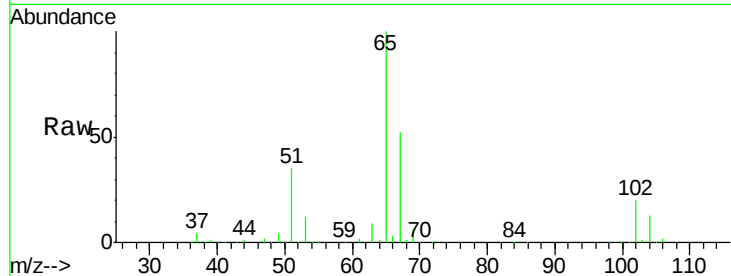
LOD-MDL-WATER-01-QT2-2018

Manual Integrations

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4/16/2018 12:59:56 PM



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX000844.D

Acq: 13 Apr 2018 13:01

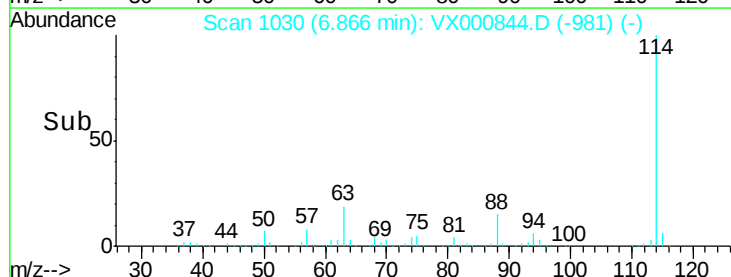
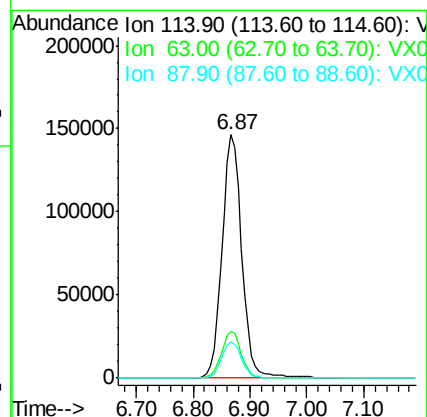
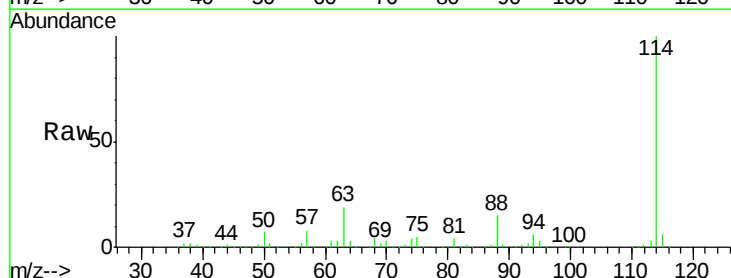
Tgt Ion: 114 Resp: 352116

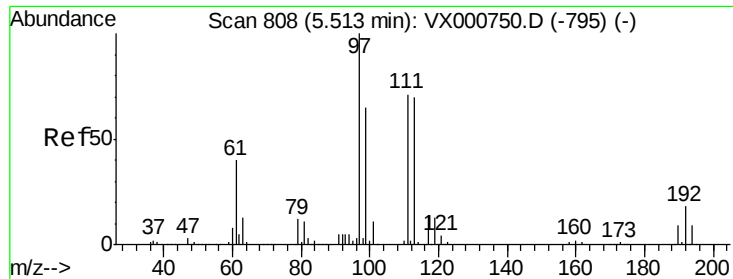
Ion Ratio Lower Upper

114 100

63 19.2 0.0 38.4

88 14.7 0.0 31.0





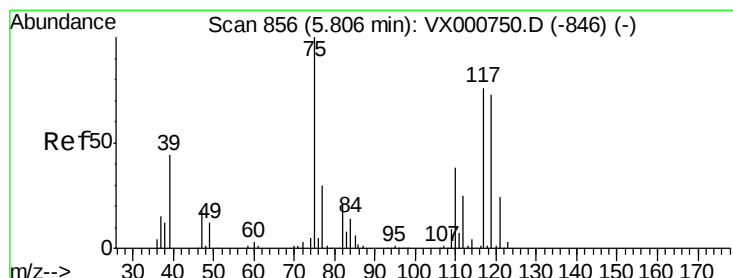
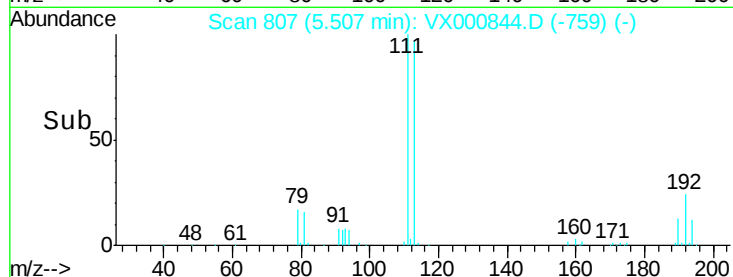
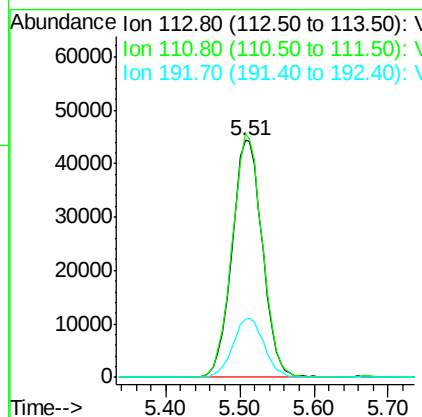
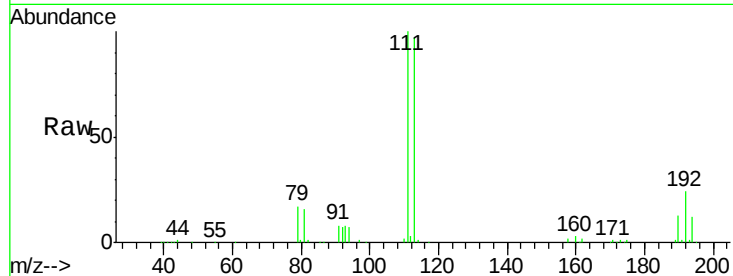
#35
 Dibromofluoromethane
 Concen: 46.85 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: VX000844.D
 Acq: 13 Apr 2018 13:01

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2018

Tot Ion	Ratio	Resp	Lower	Upper
113	100	127088		
111	101.8	81.5	122.3	
192	25.4	20.4	30.6	

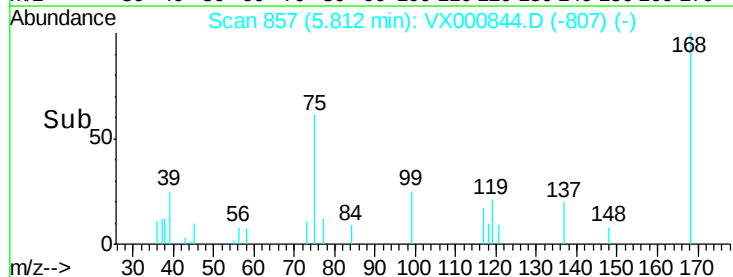
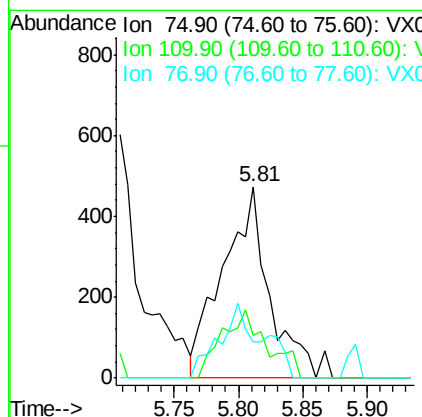
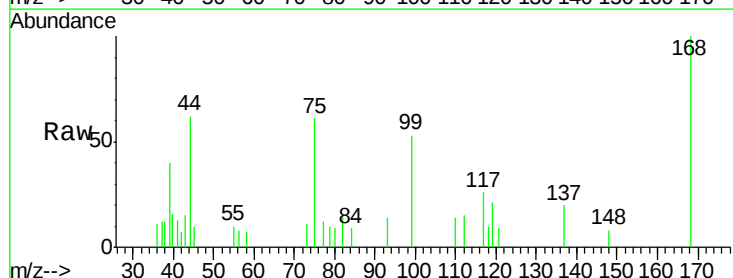
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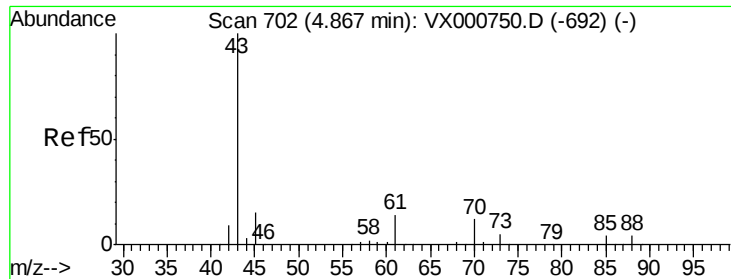
MMDadoda
 4/16/2018 12:59:56 PM



#36
 1,1-Dichloropropene
 Concen: 0.31 ug/l
 RT: 5.81 min Scan# 857
 Delta R.T. 0.01 min
 Lab File: VX000844.D
 Acq: 13 Apr 2018 13:01

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	1202		
110	34.3	19.2	57.6	
77	27.5	25.4	38.2	





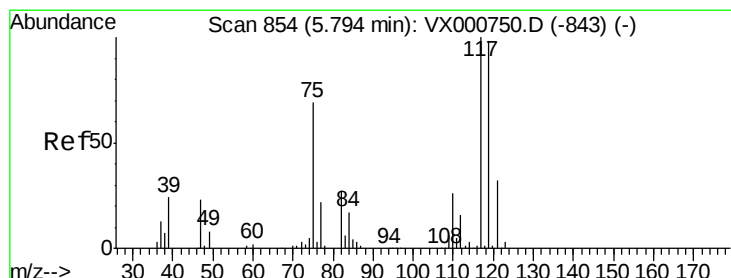
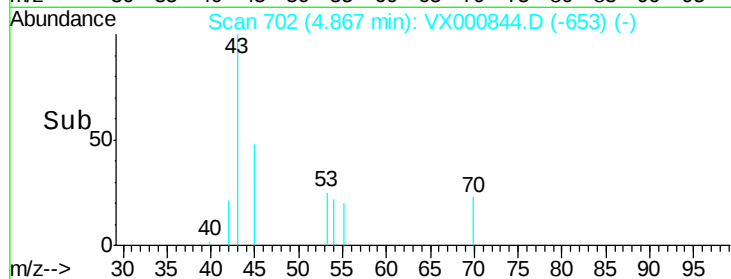
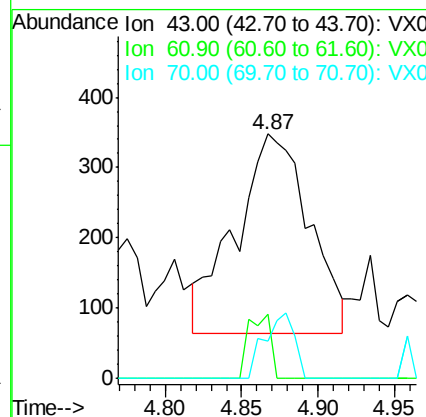
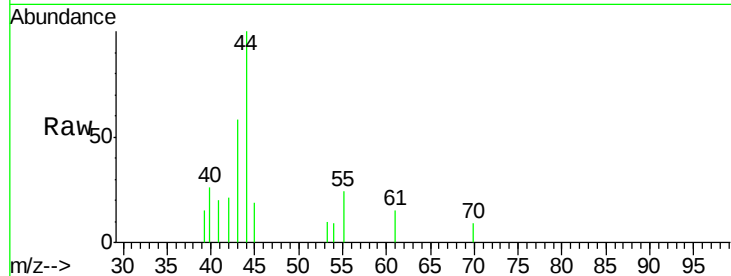
#37
Ethyl Acetate
Concen: 0.25 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.00 min
Lab File: VX000844.D
Acq: 13 Apr 2018 13:01

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2018

Tot Ion	Ratio	Lower	Upper
43	100		
61	9.5	11.0	16.4#
70	13.2	8.7	13.1#

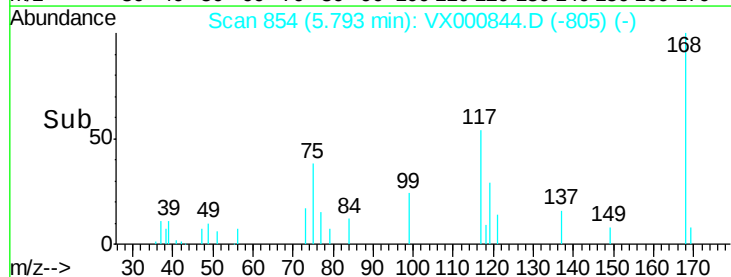
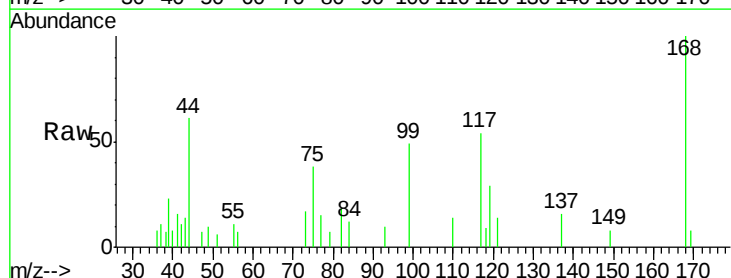
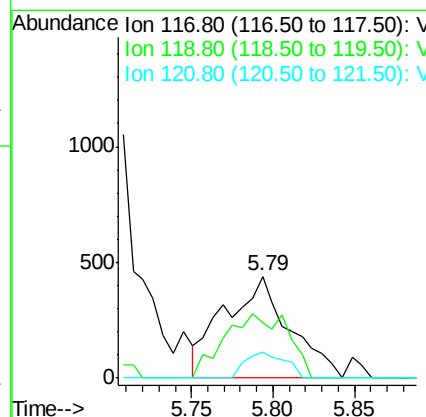
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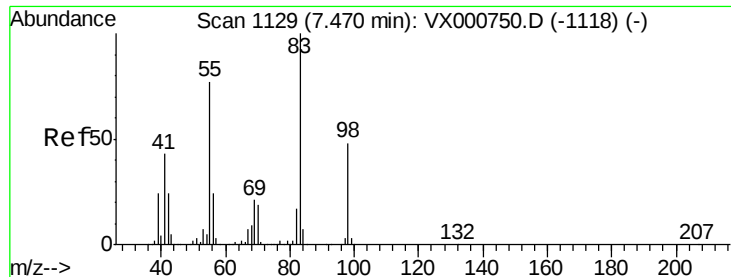
MMDadoda
4/16/2018 12:59:56 PM



#38
Carbon Tetrachloride
Concen: 0.28 ug/l
RT: 5.79 min Scan# 854
Delta R.T. -0.00 min
Lab File: VX000844.D
Acq: 13 Apr 2018 13:01

Tgt Ion	Ratio	Lower	Upper
117	100		
119	54.4	78.4	117.6#
121	25.2	25.4	38.0#





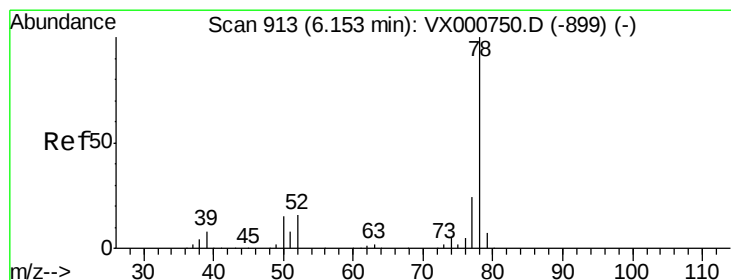
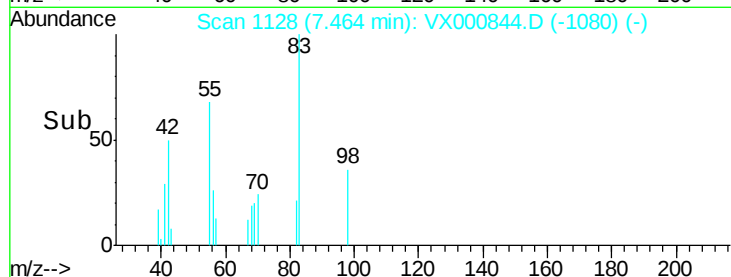
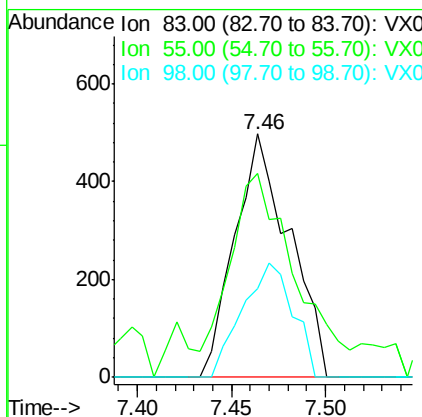
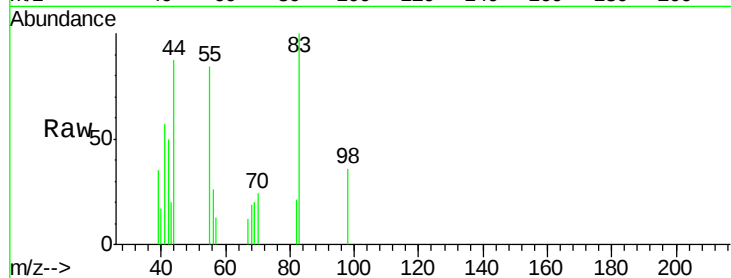
#39
Methvlcvclohexane
Concen: 0.21 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.01 min
Lab File: VX000844.D
Acq: 13 Apr 2018 13:01

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2018

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.3	61.5	92.3
98	36.3	38.1	57.1#

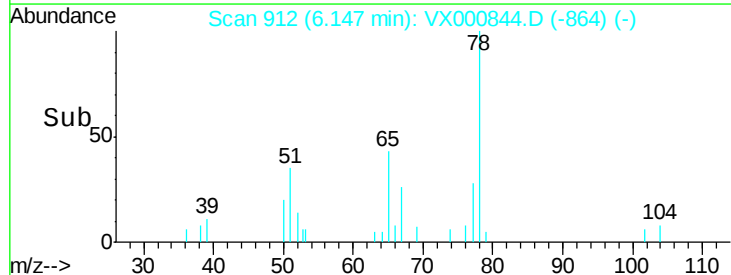
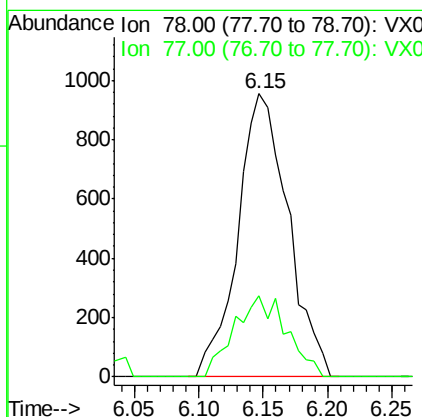
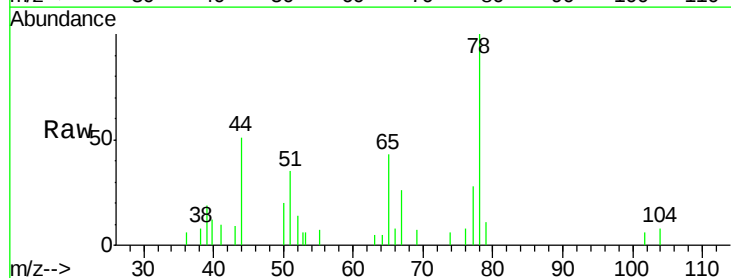
Manual Integrations
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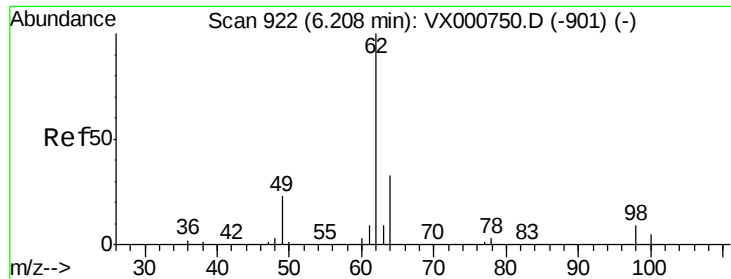
MMDadoda
4/16/2018 12:59:56 PM



#40
Benzene
Concen: 0.24 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.01 min
Lab File: VX000844.D
Acq: 13 Apr 2018 13:01

Tgt Ion	Ratio	Lower	Upper
78	100		
77	28.5	19.0	28.6





#42

1,2-Dichloroethane

Concen: 0.25 ug/l

RT: 6.21 min Scan# 922

Delta R.T. -0.00 min

Lab File: VX000844.D

Acq: 13 Apr 2018 13:01

Instrument :

MSVOA_X

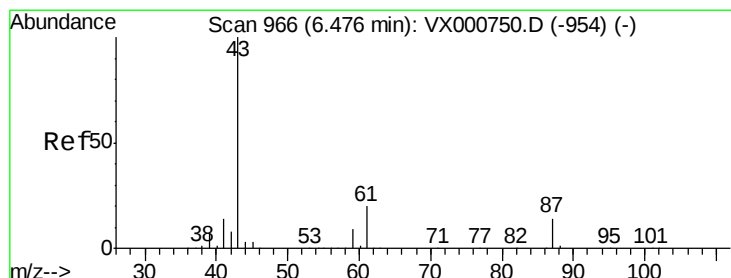
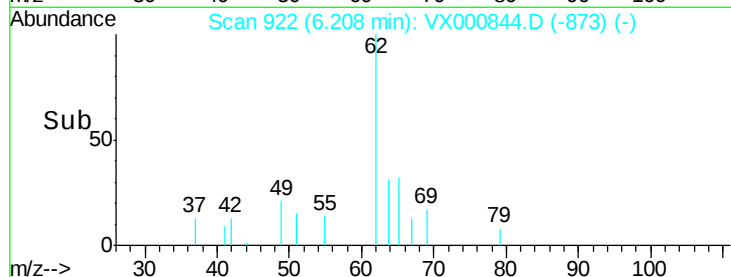
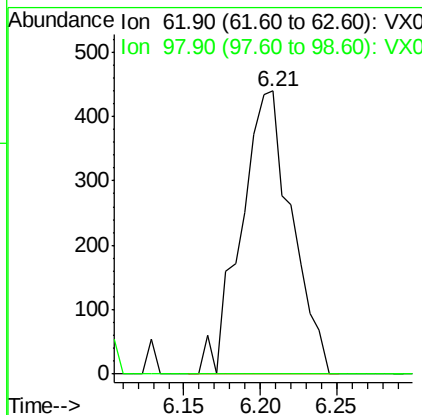
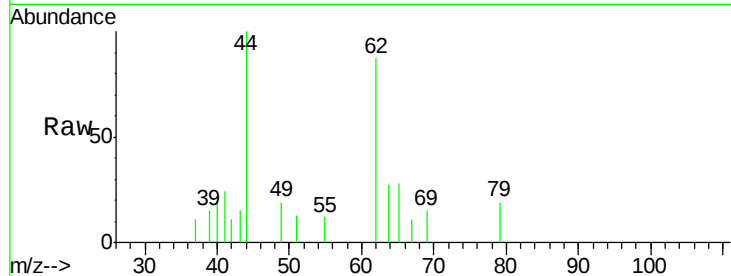
ClientSampleId :

LOD-MDL-WATER-01-QT2-2018

Tot Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	18.6

Manual Integrations
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#43

Isopropyl Acetate

Concen: 0.23 ug/l

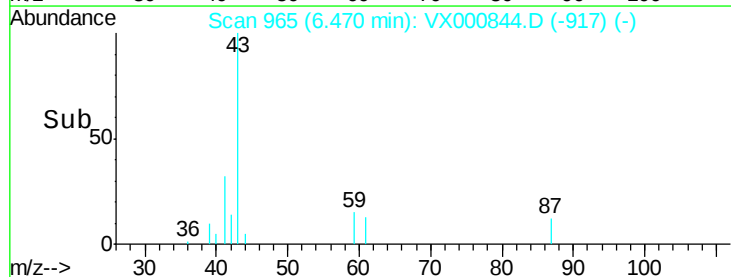
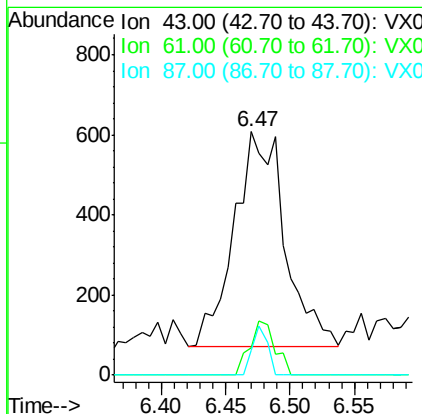
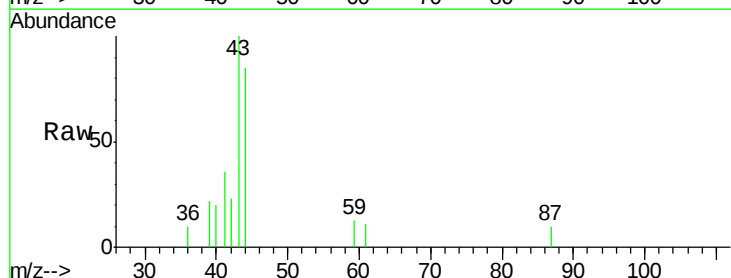
RT: 6.47 min Scan# 965

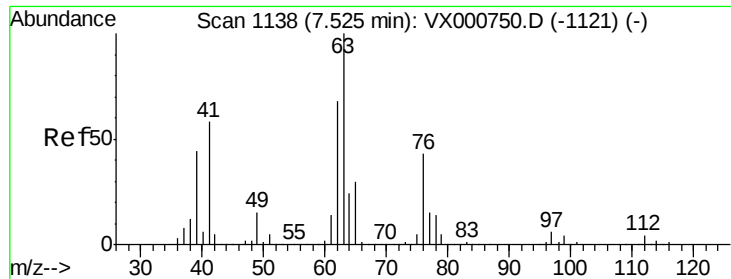
Delta R.T. -0.01 min

Lab File: VX000844.D

Acq: 13 Apr 2018 13:01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	12.2	15.6	23.4#
87	6.6	10.7	16.1#





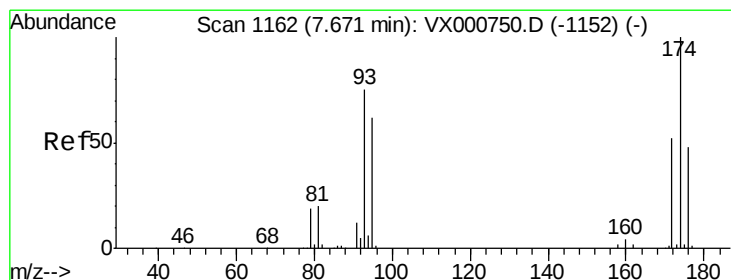
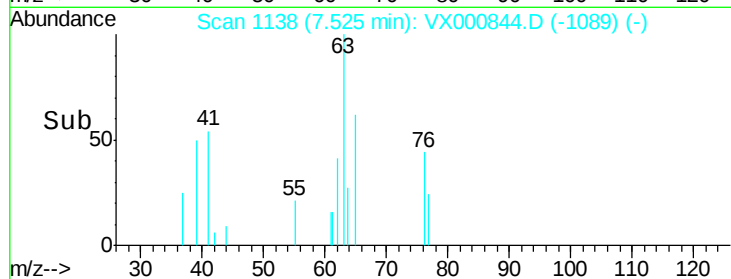
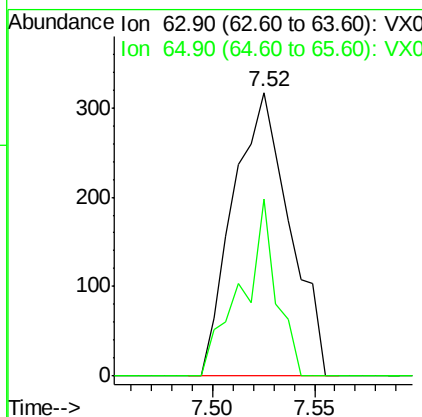
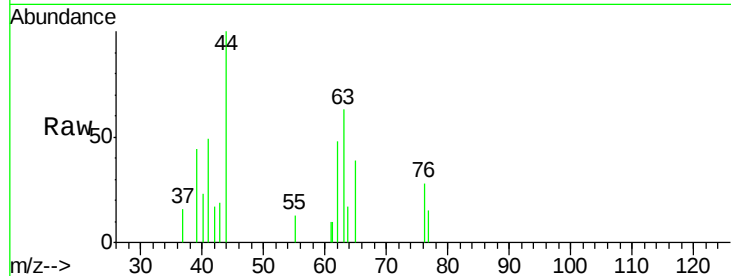
#45
 1,2-Dichloropropane
 Concen: 0.22 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX000844.D
 Acq: 13 Apr 2018 13:01

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2018

Tot Ion: 63 Resp: 610
 Ion Ratio Lower Upper
 63 100
 65 62.5 23.7 35.5#

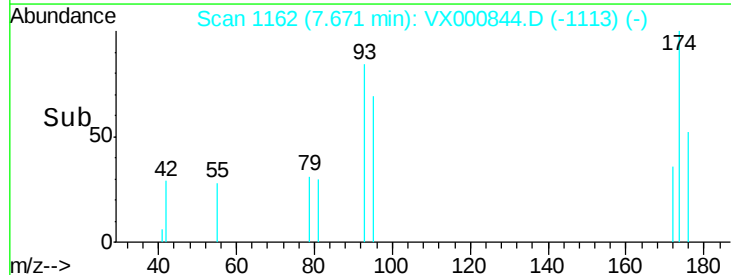
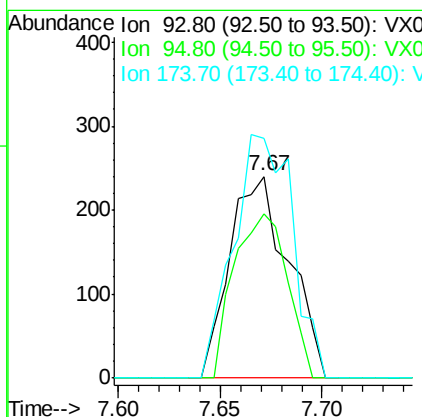
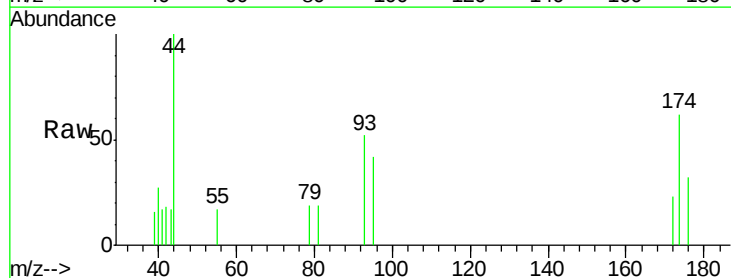
Manual Integrations
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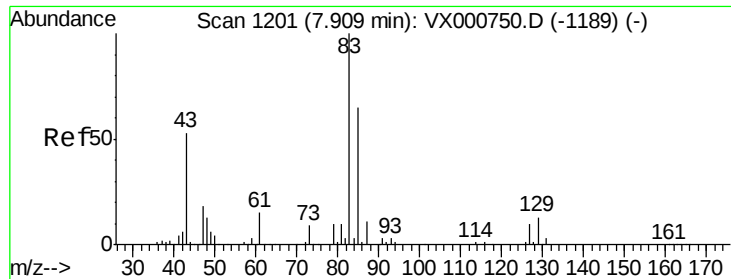
MMDadoda
 4/16/2018 12:59:56 PM



#46
 Dibromomethane
 Concen: 0.25 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX000844.D
 Acq: 13 Apr 2018 13:01

Tgt Ion: 93 Resp: 482
 Ion Ratio Lower Upper
 93 100
 95 73.4 66.6 100.0
 174 121.2 104.5 156.7





#47

Bromodichloromethane

Concen: 0.21 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000844.D

Acq: 13 Apr 2018 13:01

Instrument :

MSVOA_X

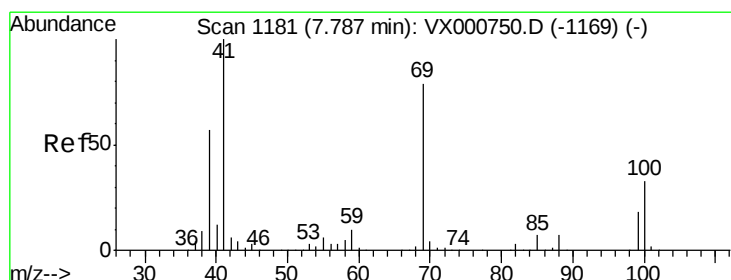
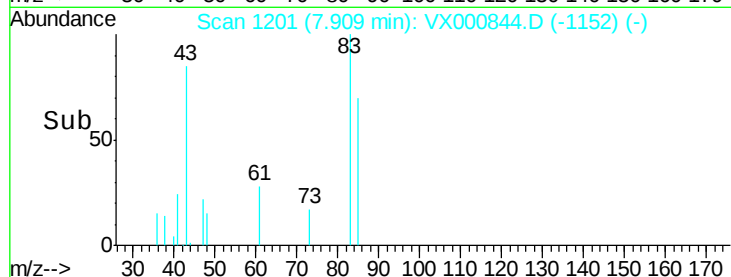
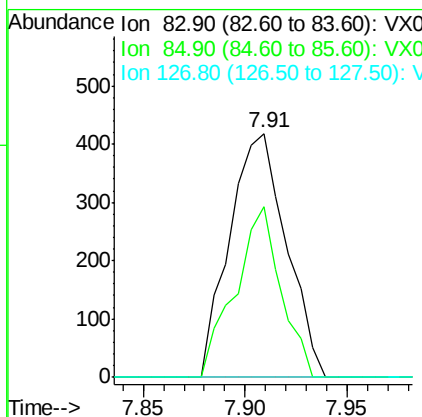
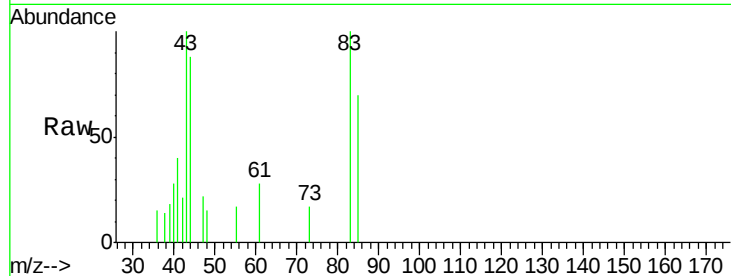
ClientSampleId :

LOD-MDL-WATER-01-QT2-2018

Tot Ion:	83	Resp:	808
Ion	Ratio	Lower	Upper
83	100		
85	70.1	52.2	78.4
127	0.0	7.8	11.8#

Manual Integrations
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4/16/2018 12:59:56 PM



#48

Methyl methacrylate

Concen: 0.21 ug/l

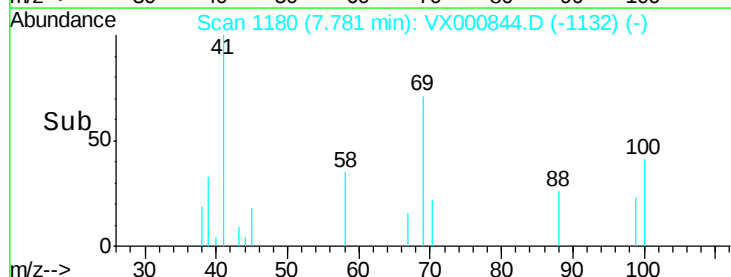
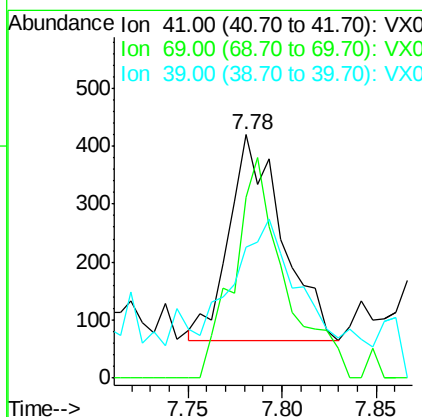
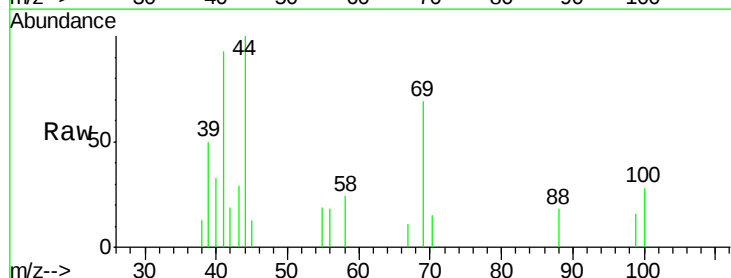
RT: 7.78 min Scan# 1180

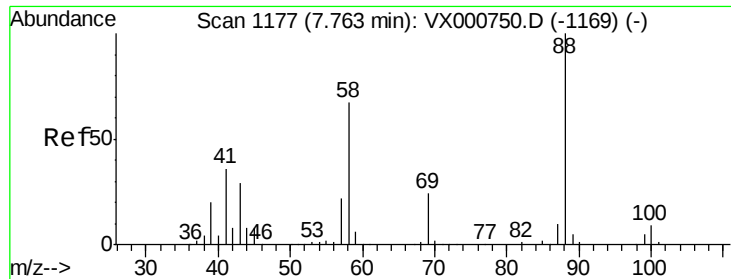
Delta R.T. -0.01 min

Lab File: VX000844.D

Acq: 13 Apr 2018 13:01

Tgt Ion:	41	Resp:	693
Ion	Ratio	Lower	Upper
41	100		
69	102.6	63.9	95.9#
39	72.7	45.9	68.9#





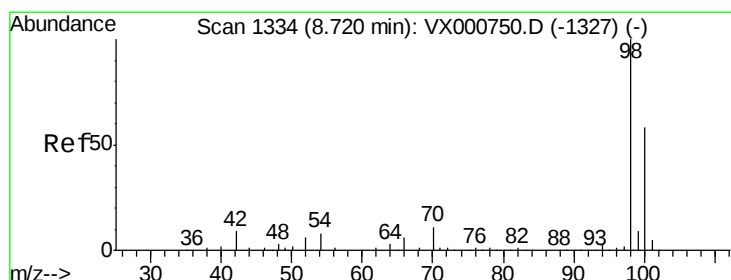
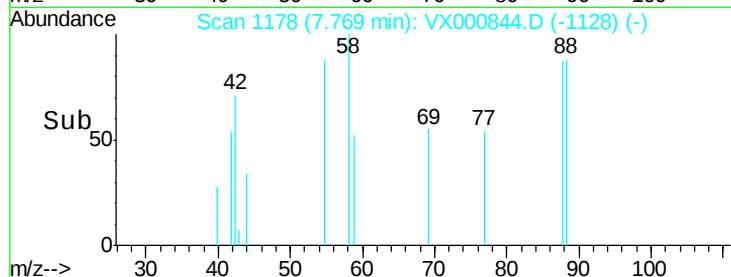
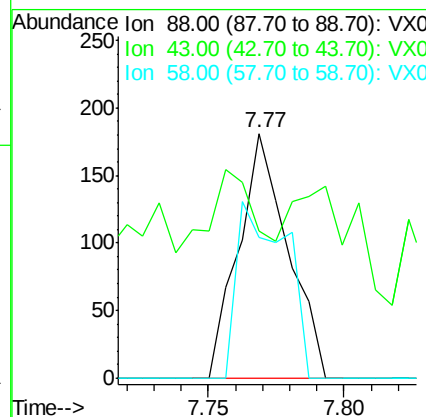
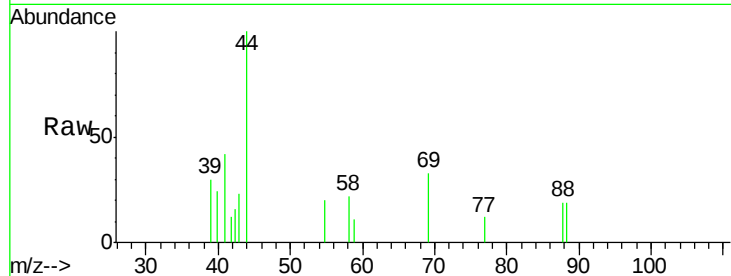
#49
1,4-Dioxane
Concen: 3.36 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. 0.01 min
Lab File: VX000844.D
Acq: 13 Apr 2018 13:01

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2018

Tot Ion	Ratio	Lower	Upper
88	100		
43	16.7	25.8	38.8#
58	71.4	54.4	81.6

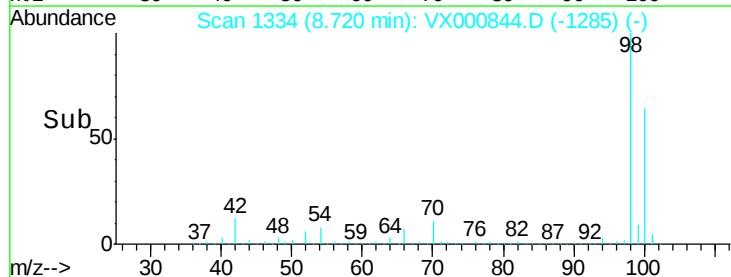
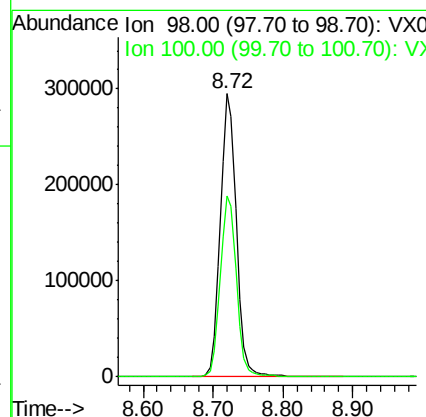
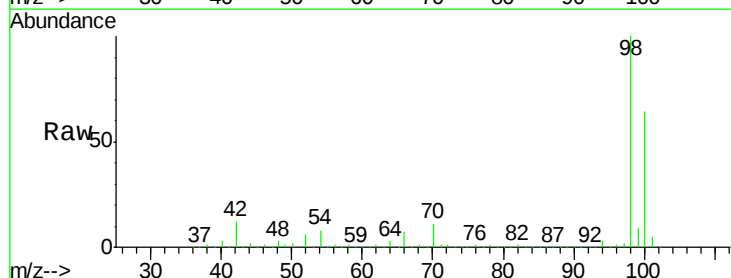
Manual Integrations
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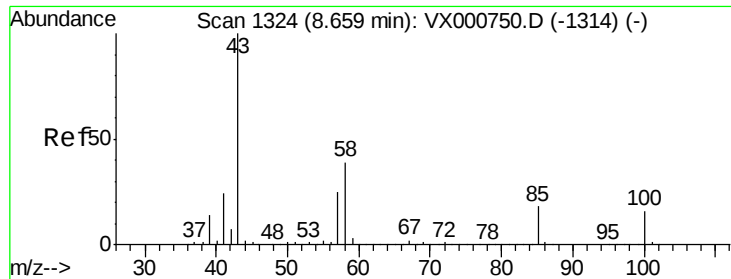
MMDadoda
4/16/2018 12:59:56 PM



#50
Toluene-d8
Concen: 46.76 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX000844.D
Acq: 13 Apr 2018 13:01

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	52.6	79.0





#51

4-Methyl-2-Pentanone

Concen: 1.00 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX000844.D

Acq: 13 Apr 2018 13:01

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2018

Tot Ion: 43 Resp: 3828

Ion Ratio Lower Upper

43 100

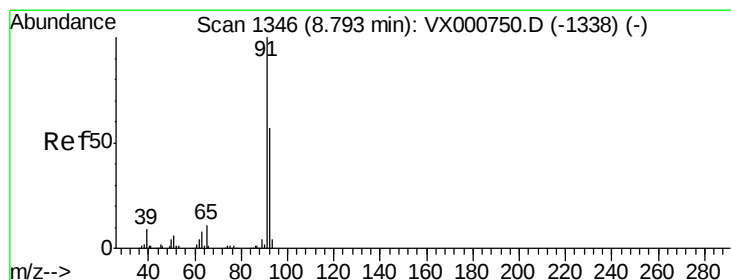
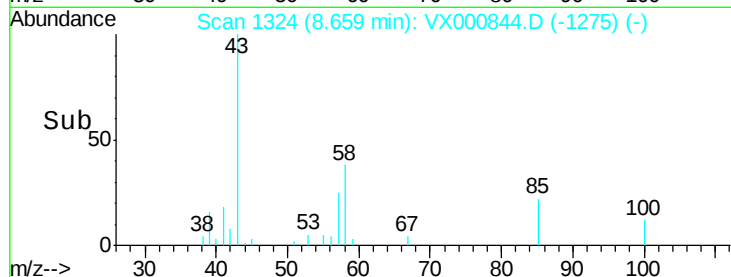
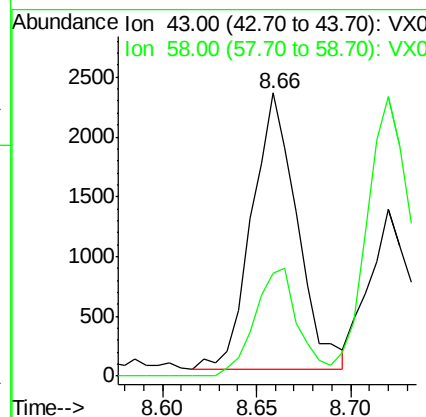
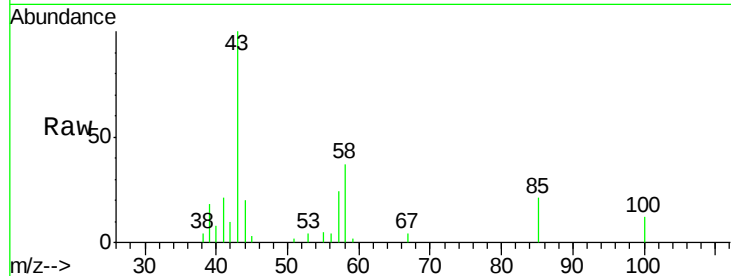
58 38.0 30.3 45.5

Manual Integrations

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#52

Toluene

Concen: 0.21 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000844.D

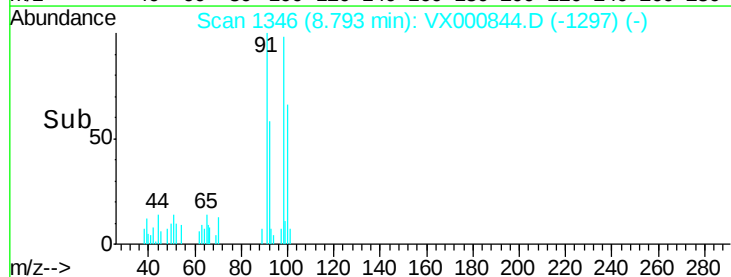
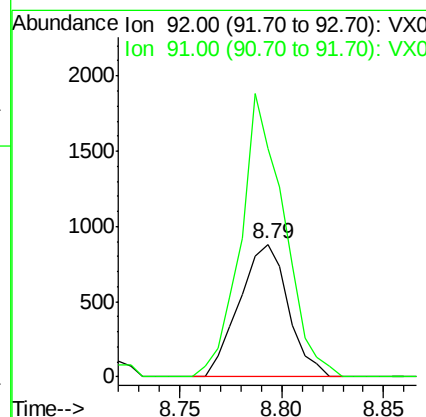
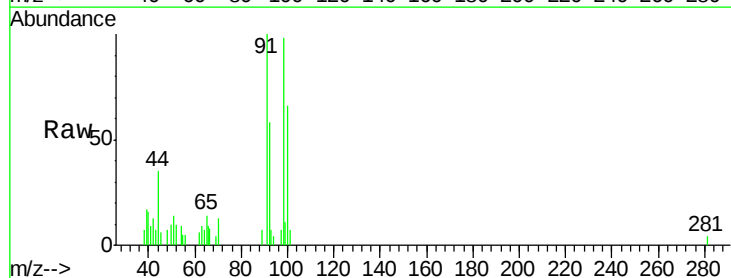
Acq: 13 Apr 2018 13:01

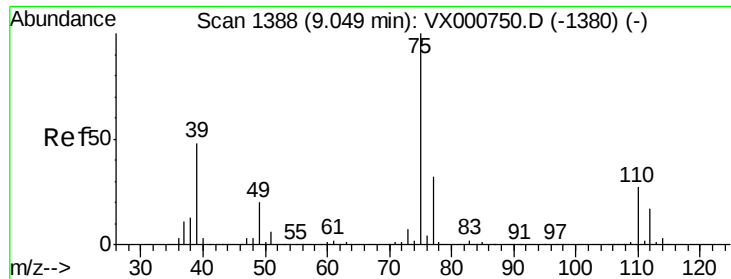
Tgt Ion: 92 Resp: 1470

Ion Ratio Lower Upper

92 100

91 189.0 139.0 208.4





#54

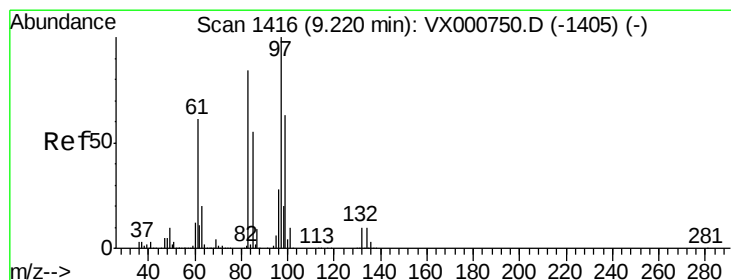
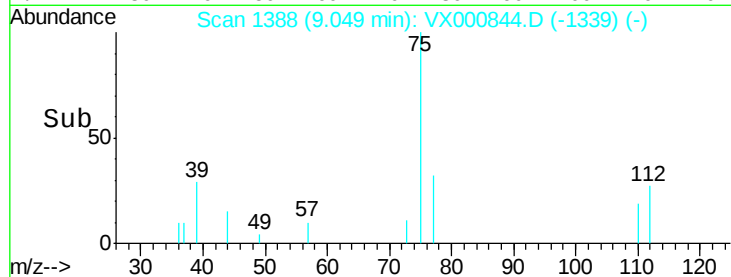
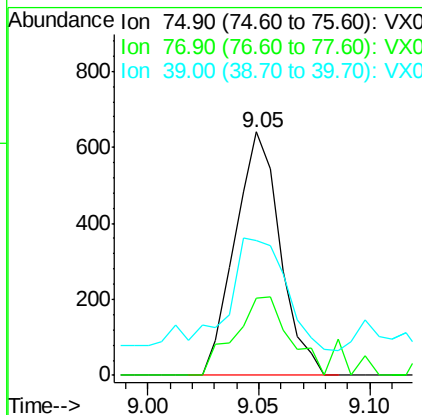
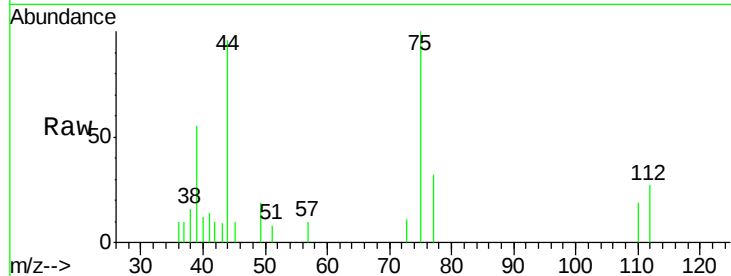
cis-1,3-Dichloropropene
Concen: 0.20 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX000844.D
Acq: 13 Apr 2018 13:01

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2018

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.4	38.2
39	44.9	38.6	58.0

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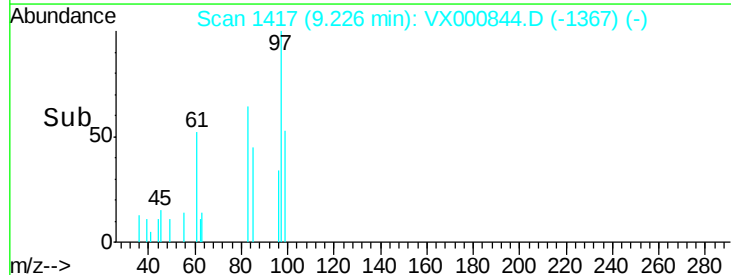
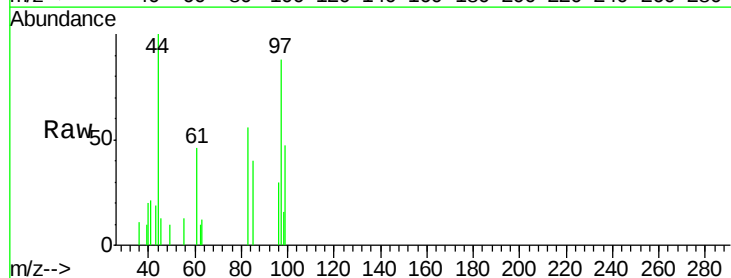
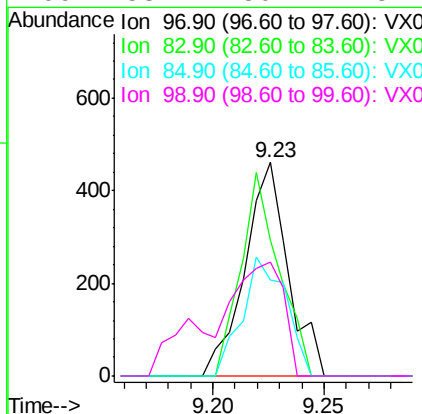
MMDadoda
4/16/2018 12:59:56 PM

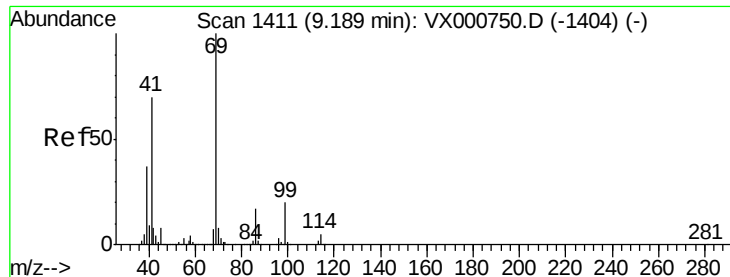


#55

1,1,2-Trichloroethane
Concen: 0.22 ug/l
RT: 9.23 min Scan# 1417
Delta R.T. 0.01 min
Lab File: VX000844.D
Acq: 13 Apr 2018 13:01

Tgt Ion	Ratio	Lower	Upper
97	100		
83	63.6	67.6	101.4#
85	45.1	43.8	65.6
99	53.4	50.2	75.4





#56

Ethyl methacrylate

Concen: 0.22 ug/l

RT: 9.20 min Scan# 1412

Delta R.T. 0.01 min

Lab File: VX000844.D

Acq: 13 Apr 2018 13:01

Instrument :

MSVOA_X

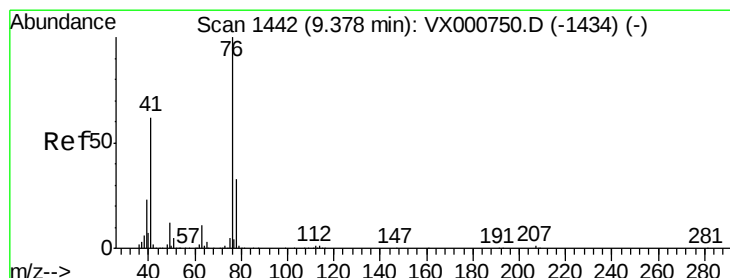
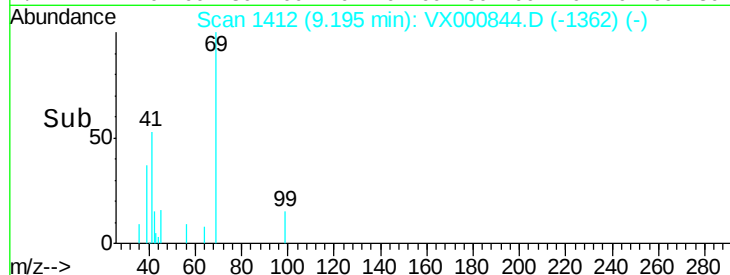
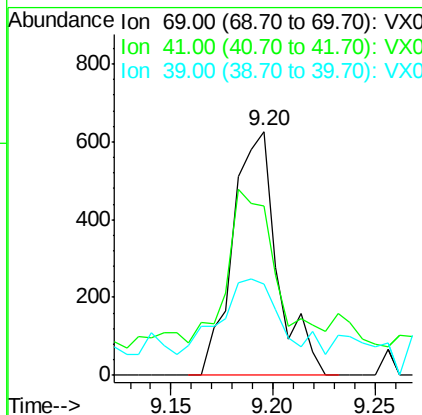
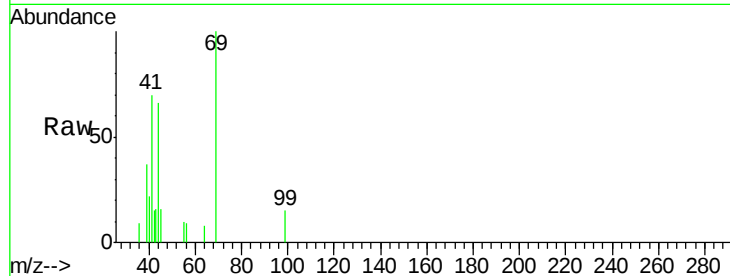
ClientSampleId :

LOD-MDL-WATER-01-QT2-2018

Tot Ion:	69	Resp:	949
Ion	Ratio	Lower	Upper
69	100		
41	76.0	55.6	83.4
39	38.0	30.3	45.5

Manual Integrations
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#57

1,3-Dichloropropane

Concen: 0.22 ug/l

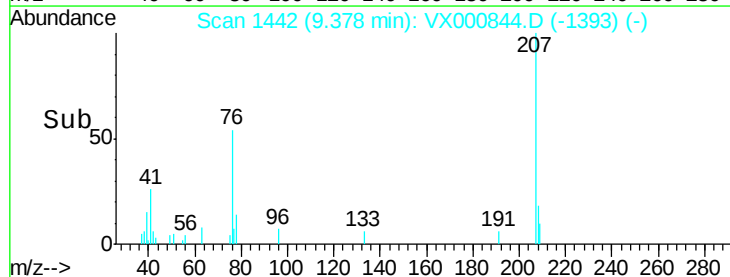
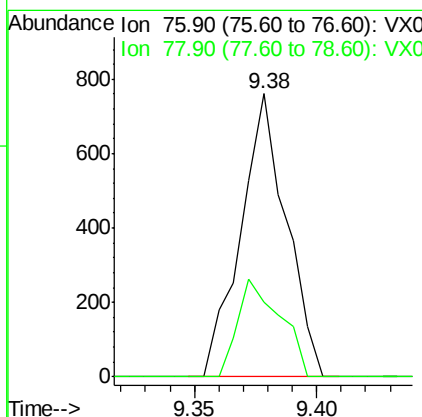
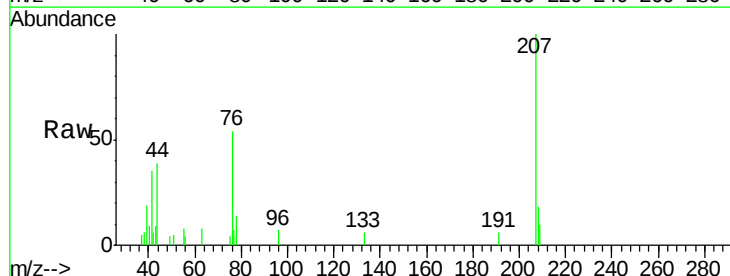
RT: 9.38 min Scan# 1442

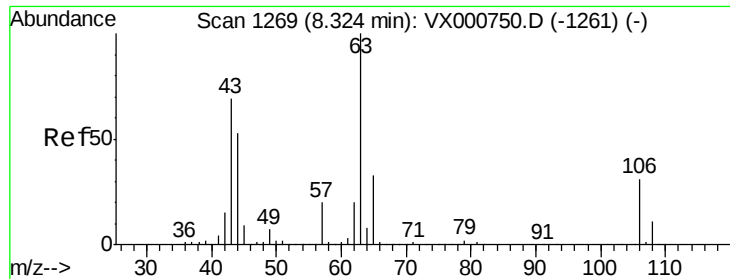
Delta R.T. -0.00 min

Lab File: VX000844.D

Acq: 13 Apr 2018 13:01

Tgt Ion:	76	Resp:	991
Ion	Ratio	Lower	Upper
76	100		
78	32.1	25.8	38.6





#58

2-Chloroethyl Vinyl ether

Concen: 0.94 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX000844.D

Acq: 13 Apr 2018 13:01

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2018

Tot Ion: 63 Resp: 1929

Ion Ratio Lower Upper

63 100

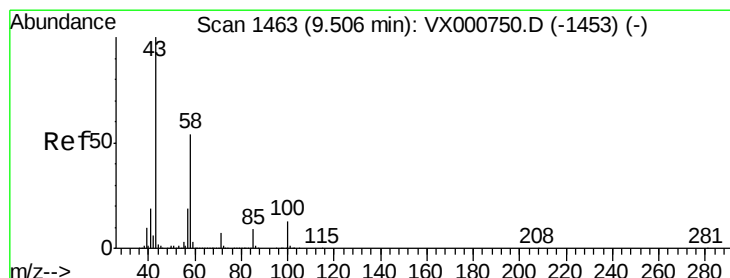
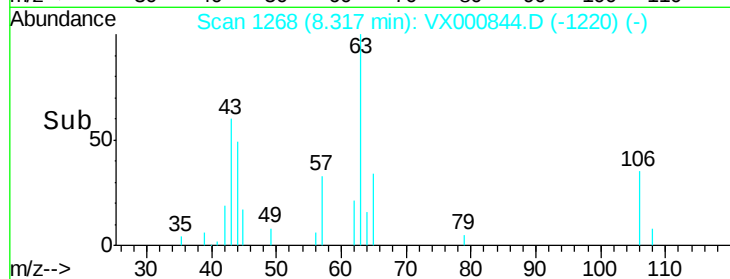
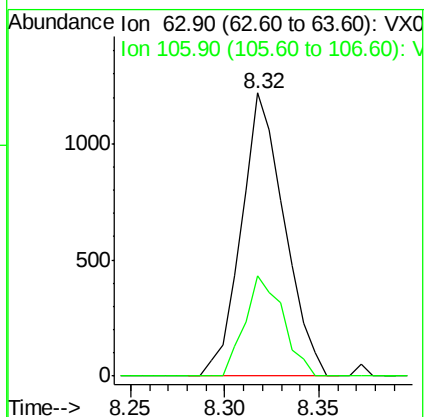
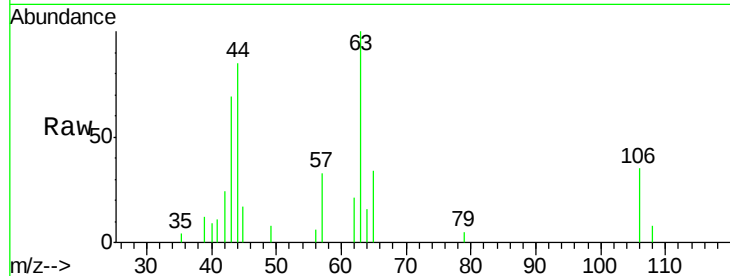
106 31.3 24.3 36.5

Manual Integrations

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4/16/2018 12:59:56 PM



#59

2-Hexanone

Concen: 1.11 ug/l

RT: 9.51 min Scan# 1463

Delta R.T. -0.00 min

Lab File: VX000844.D

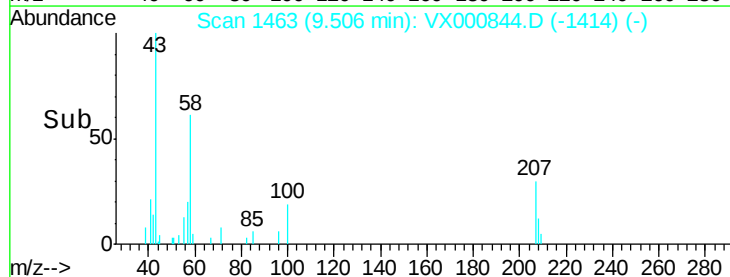
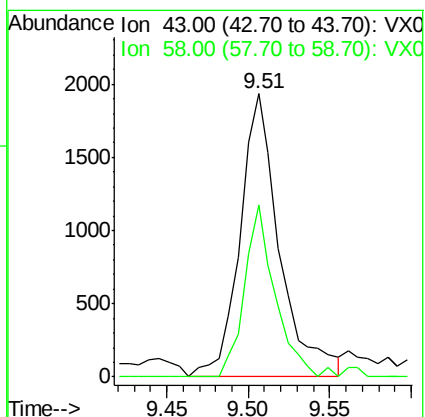
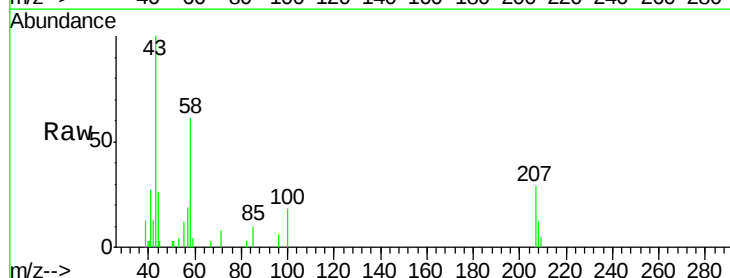
Acq: 13 Apr 2018 13:01

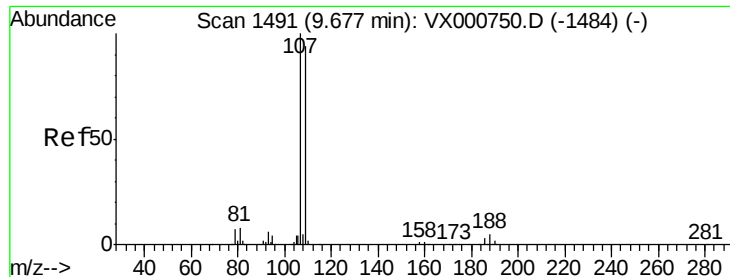
Tgt Ion: 43 Resp: 3272

Ion Ratio Lower Upper

43 100

58 46.5 26.5 79.5





#61

1,2-Dibromoethane

Concen: 0.20 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX000844.D

Acq: 13 Apr 2018 13:01

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2018

Tot Ion: 107 Resp: 608

Ion Ratio Lower Upper

107 100

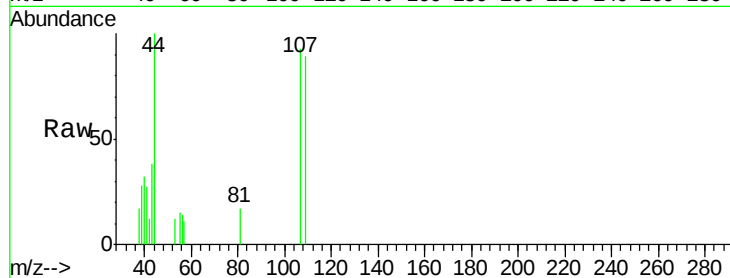
109 94.2 76.2 114.4

Manual Integrations

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

400

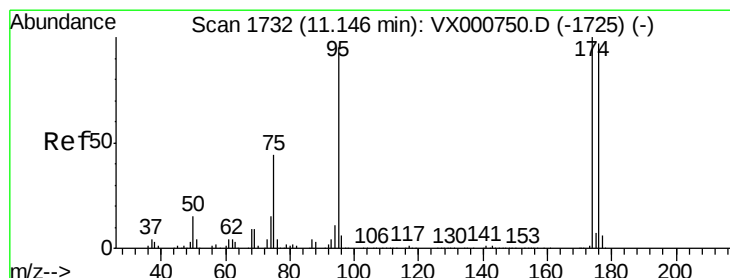
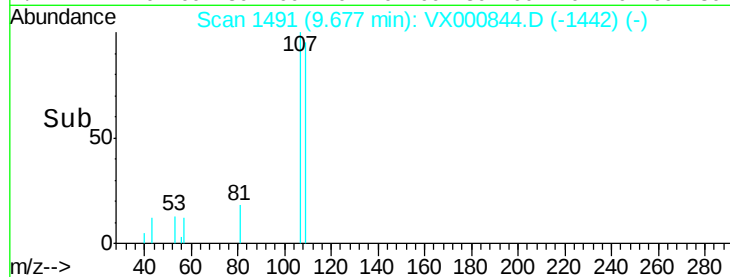
300

200

100

0

Time-->



#62

4-Bromofluorobenzene

Concen: 45.24 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000844.D

Acq: 13 Apr 2018 13:01

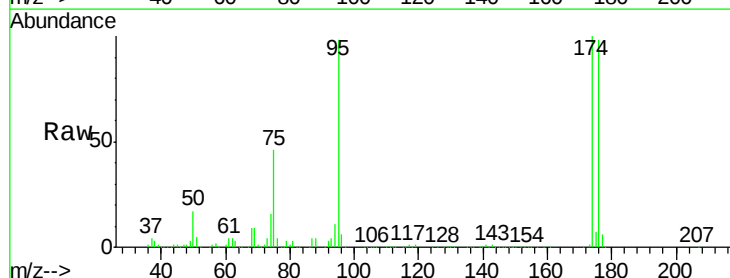
Tgt Ion: 95 Resp: 189045

Ion Ratio Lower Upper

95 100

174 98.8 0.0 198.4

176 96.0 0.0 194.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

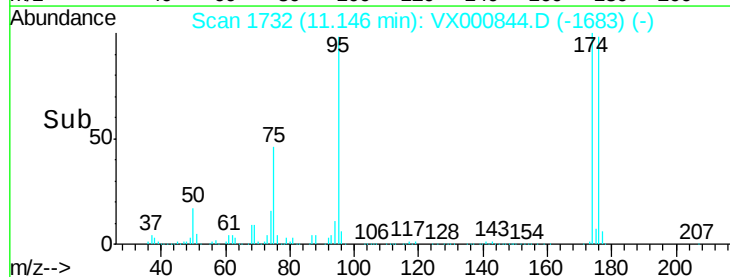
150000

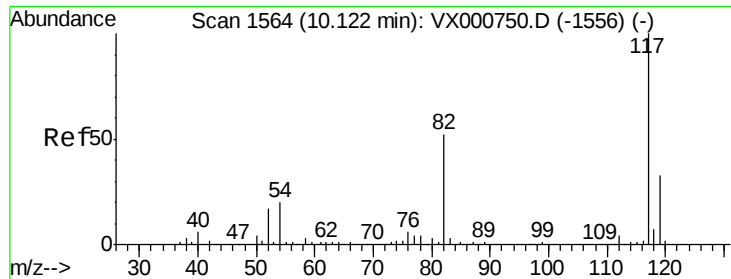
100000

50000

0

Time-->





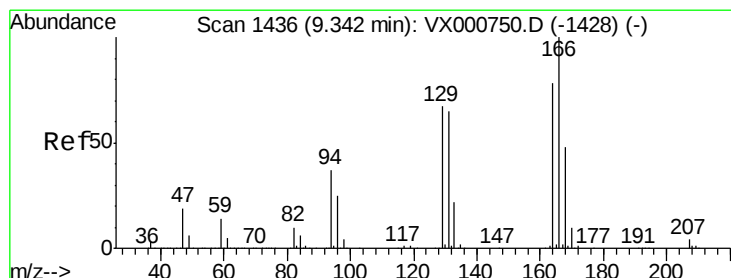
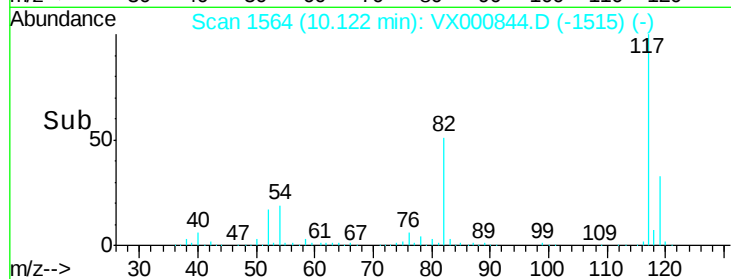
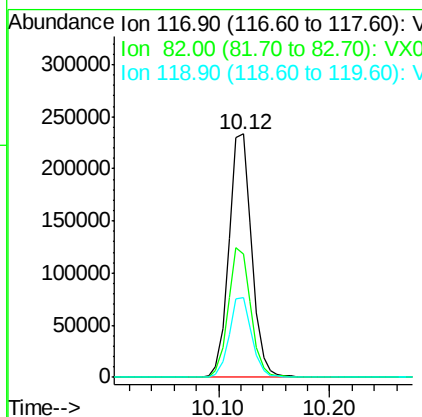
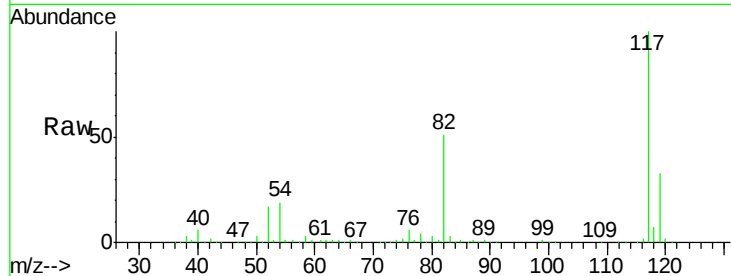
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000844.D
Acq: 13 Apr 2018 13:01

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2018

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.5	41.9	62.9
119	32.9	26.0	39.0

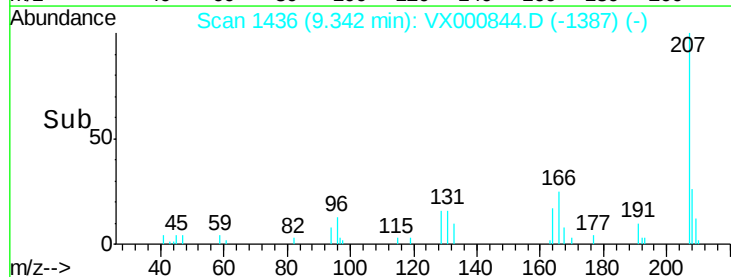
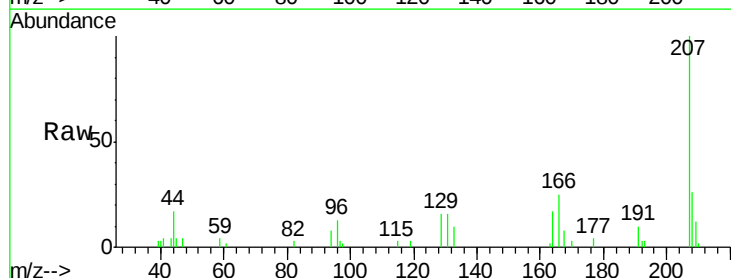
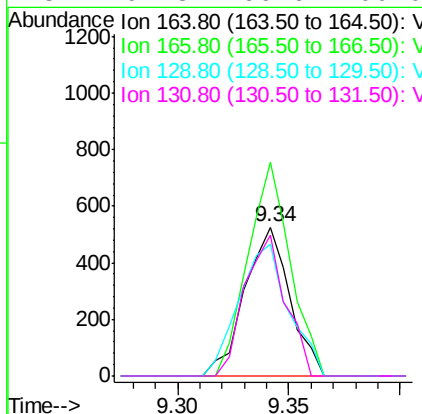
Manual Integrations
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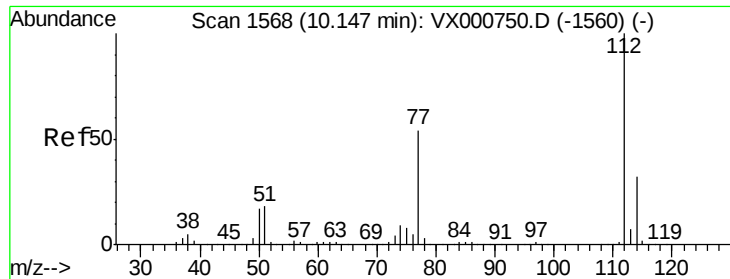
MMDadoda
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#64
Tetrachloroethene
Concen: 0.23 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000844.D
Acq: 13 Apr 2018 13:01

Tgt Ion	Ratio	Lower	Upper
164	100		
166	143.5	102.8	154.2
129	88.8	68.5	102.7
131	94.3	66.6	100.0





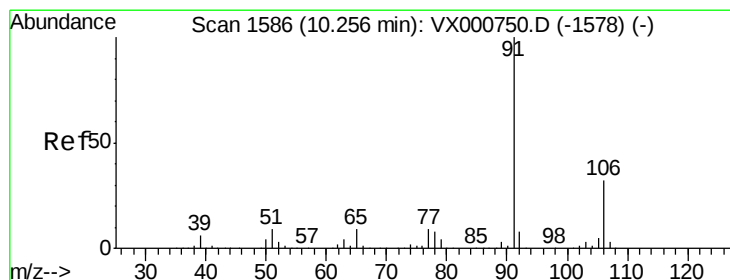
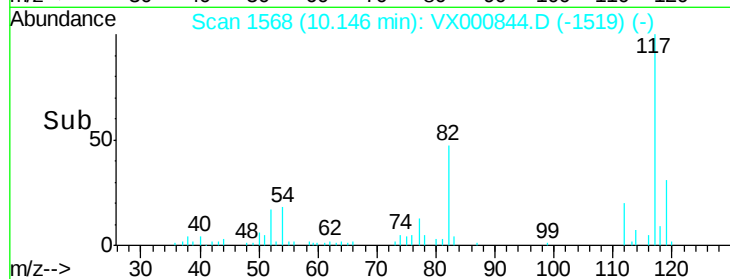
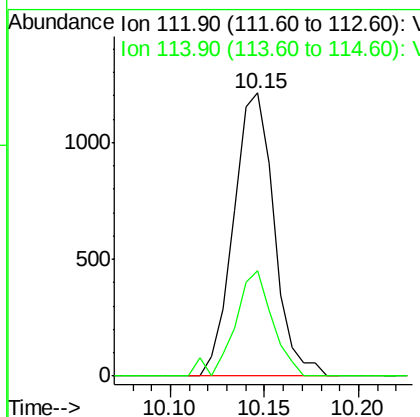
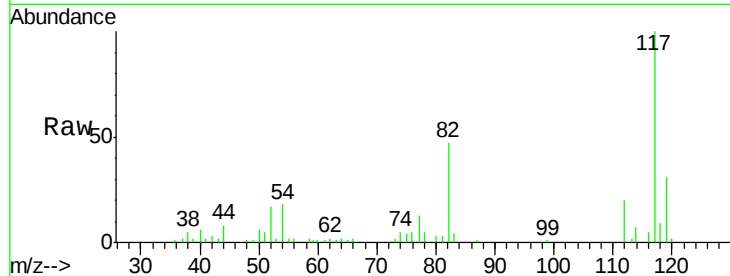
#65
Chlorobenzene
Concen: 0.22 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000844.D
Acq: 13 Apr 2018 13:01

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2018

Tot Ion: 112 Resp: 1804
Ion Ratio Lower Upper
112 100
114 37.2 25.8 38.8

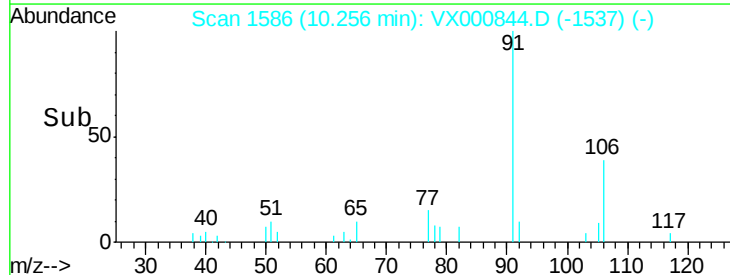
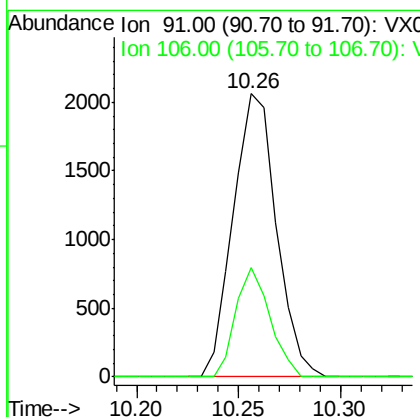
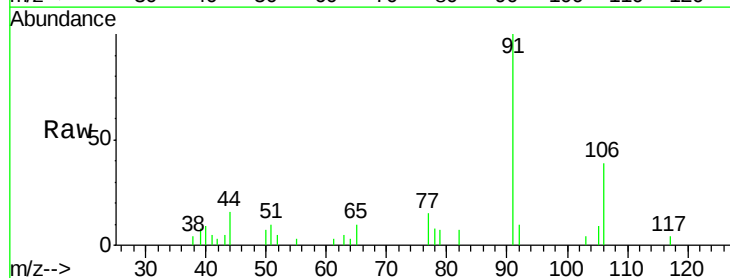
Manual Integrations
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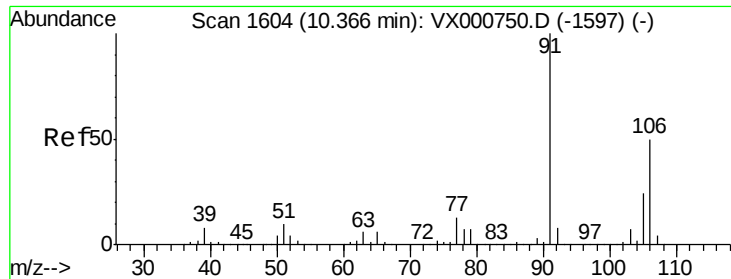
MMDadoda
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#67
Ethyl Benzene
Concen: 0.22 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX000844.D
Acq: 13 Apr 2018 13:01

Tgt Ion: 91 Resp: 3031
Ion Ratio Lower Upper
91 100
106 38.7 25.4 38.0#





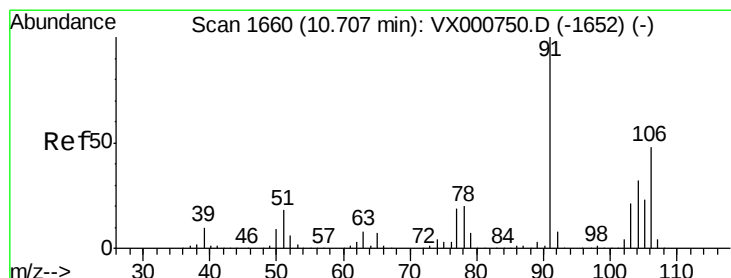
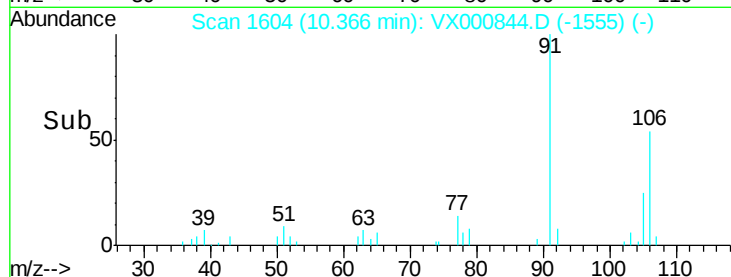
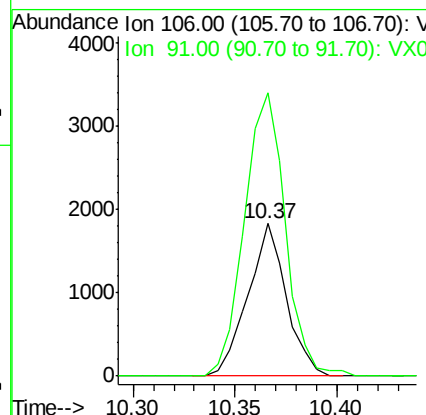
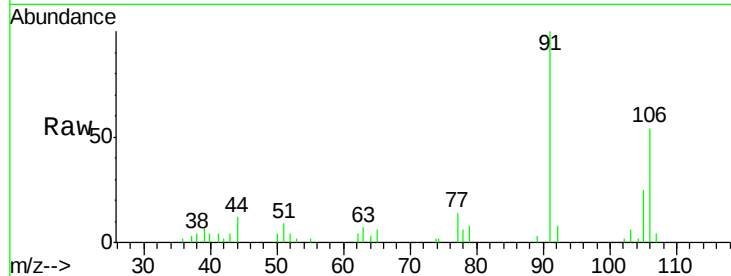
#68
m/p-Xylenes
Concen: 0.44 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000844.D
Acq: 13 Apr 2018 13:01

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2018

Tot Ion:106 Resp: 2395
Ion Ratio Lower Upper
106 100
91 196.6 159.3 238.9

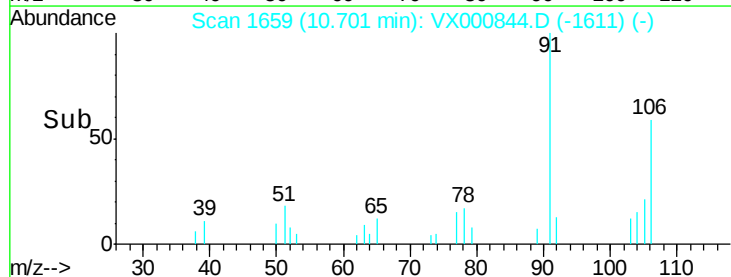
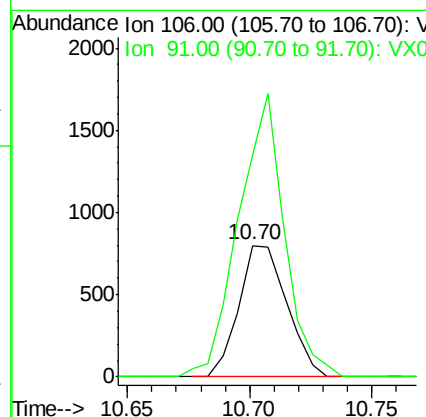
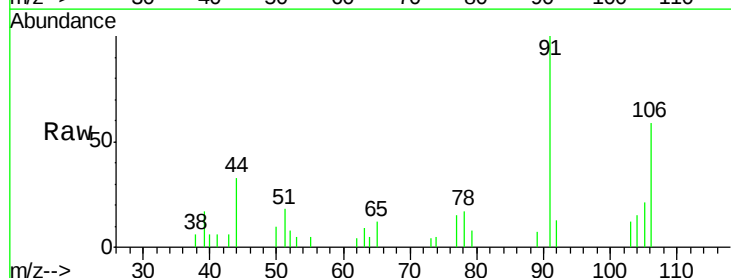
Manual Integrations
APPROVED

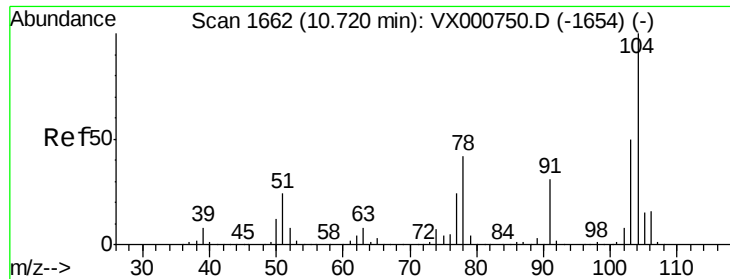
MMDadoda
4/16/2018 12:59:56 PM



#69
o-Xylene
Concen: 0.21 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX000844.D
Acq: 13 Apr 2018 13:01

Tgt Ion:106 Resp: 1089
Ion Ratio Lower Upper
106 100
91 205.9 105.0 315.0





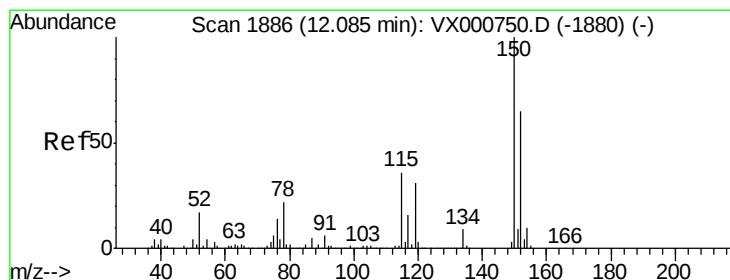
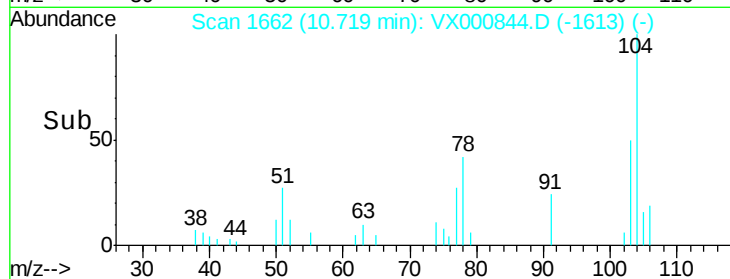
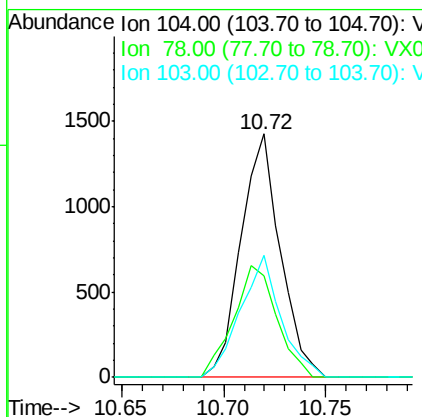
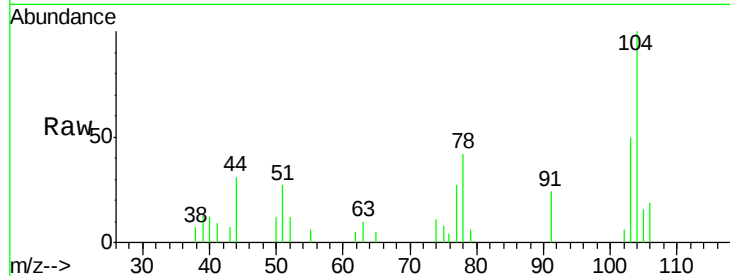
#70
Stvrene
Concen: 0.22 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000844.D
Acq: 13 Apr 2018 13:01

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2018

Tot Ion	Ratio	Resp	Lower	Upper
104	100	1910		
78	50.5	39.0	58.6	
103	51.7	44.1	66.1	

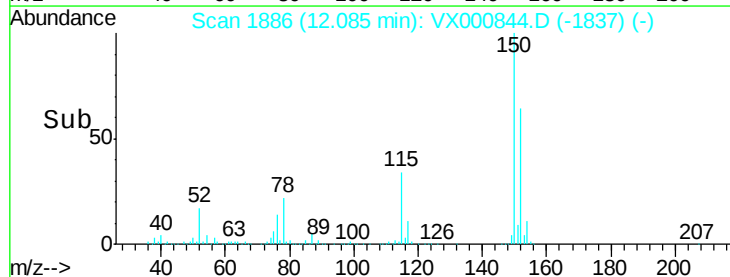
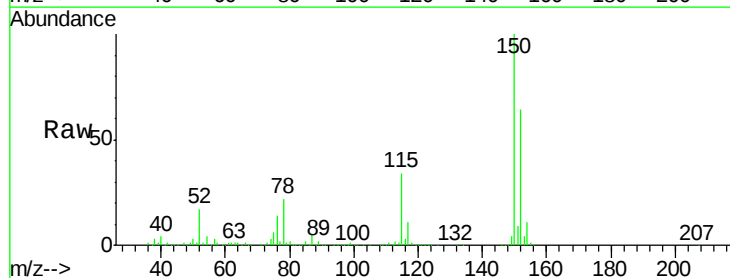
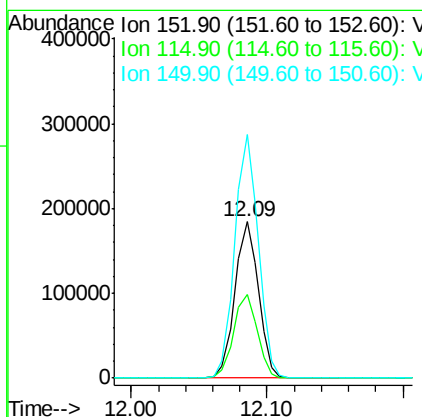
Manual Integrations
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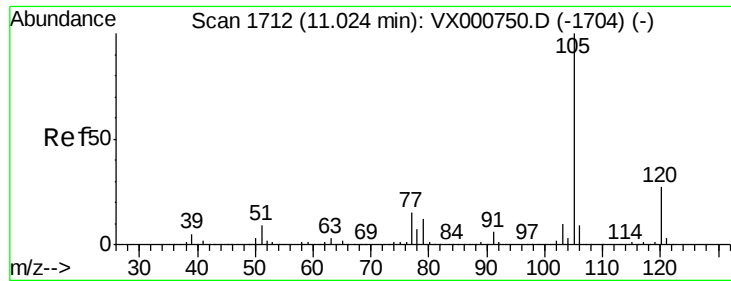
MMDadoda
4/16/2018 12:59:56 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000844.D
Acq: 13 Apr 2018 13:01

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	221876		
115	54.0	37.9	113.7	
150	155.7	0.0	348.0	





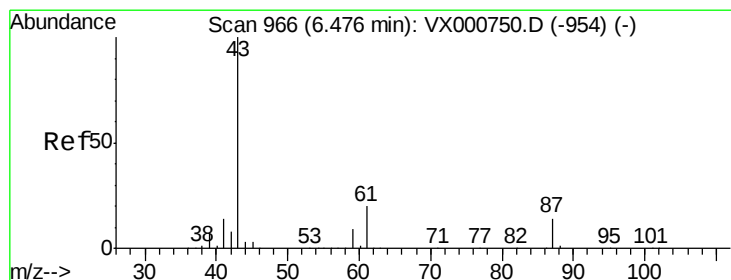
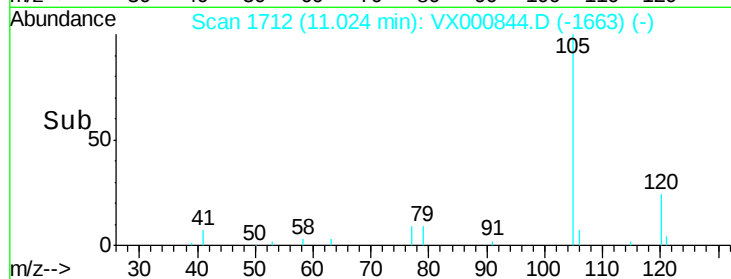
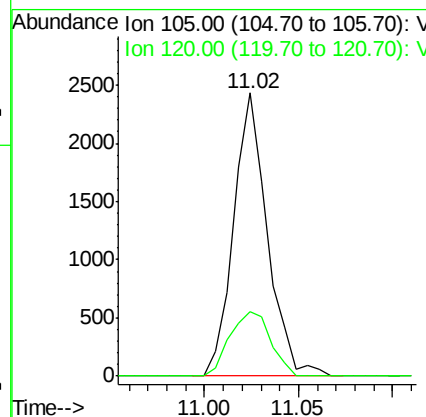
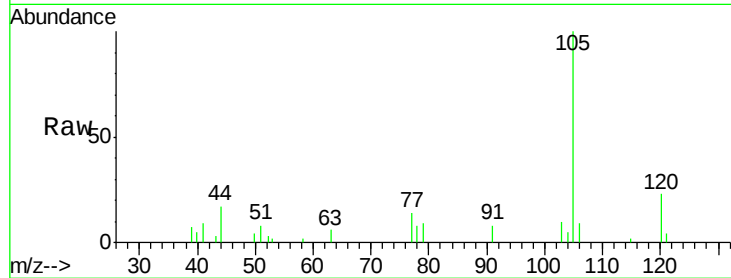
#73
Isopropylbenzene
Concen: 0.21 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VX000844.D
Acq: 13 Apr 2018 13:01

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2018

Tot Ion: 105 Resp: 3017
Ion Ratio Lower Upper
105 100
120 27.5 13.7 41.0

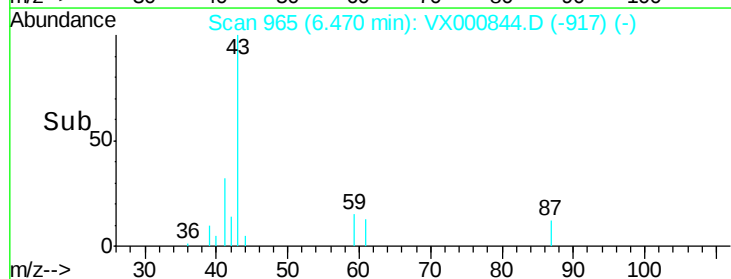
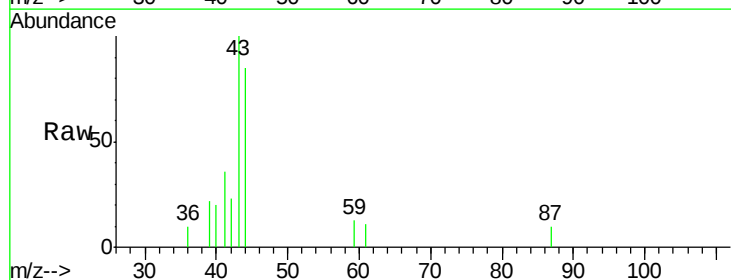
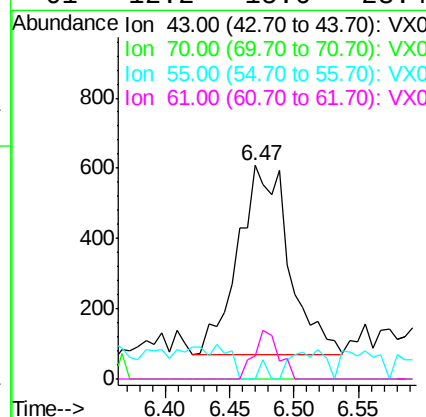
Manual Integrations
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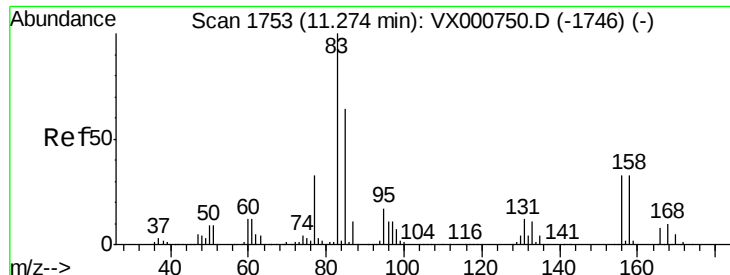
MMDadoda
4/16/2018 12:59:56 PM



#74
N-ethyl acetate
Concen: 0.23 ug/l
RT: 6.47 min Scan# 966
Delta R.T. -0.01 min
Lab File: VX000844.D
Acq: 13 Apr 2018 13:01

Tgt Ion: 43 Resp: 1476
Ion Ratio Lower Upper
43 100
70 0.0 0.0 0.0
55 1.4 0.0 0.0#
61 12.2 15.6 23.4#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.22 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000844.D

Acq: 13 Apr 2018 13:01

Instrument :

MSVOA_X

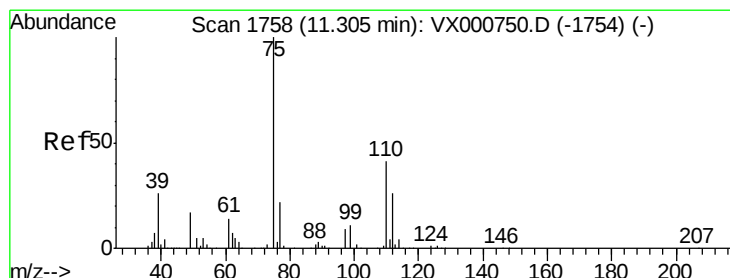
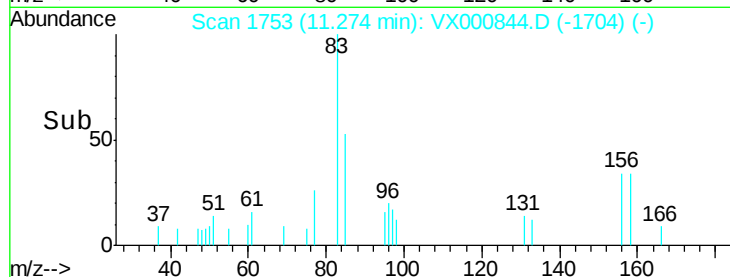
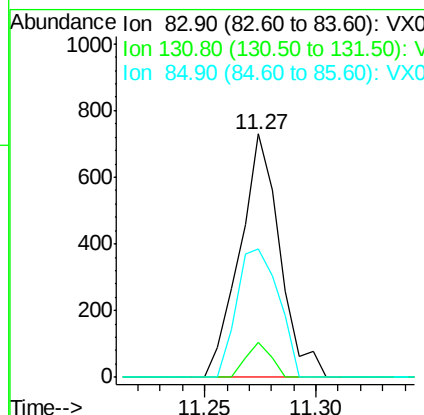
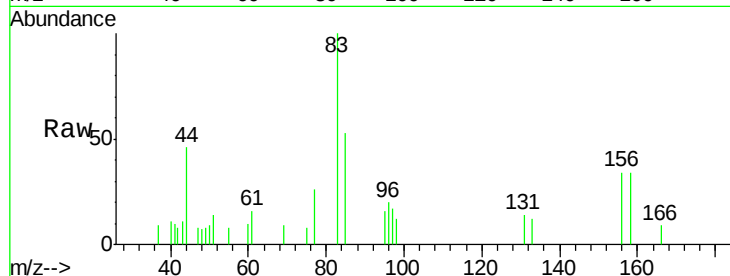
ClientSampleId :

LOD-MDL-WATER-01-QT2-2018

Tot Ion:	83	Resp:	915
Ion	Ratio	Lower	Upper
83	100		
131	8.9	6.0	18.0
85	55.6	32.3	96.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 0.22 ug/l m

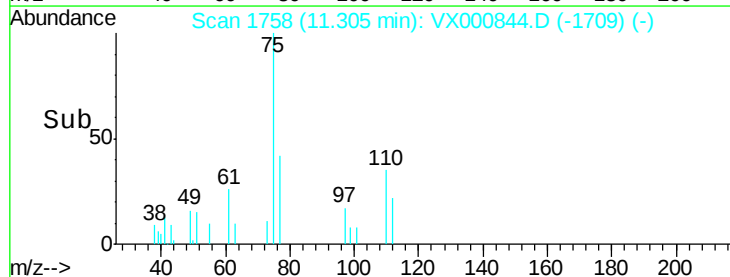
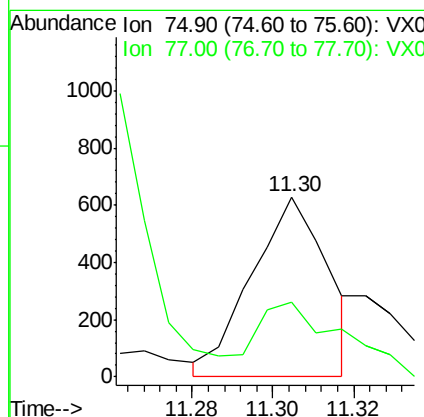
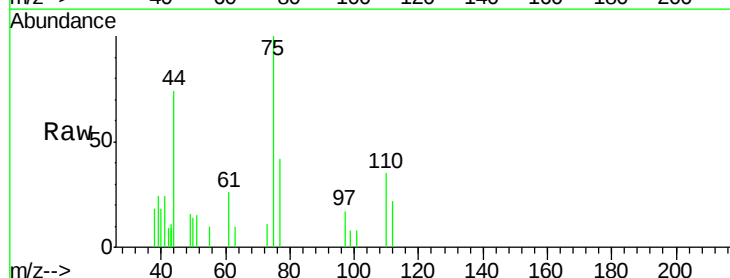
RT: 11.30 min Scan# 1758

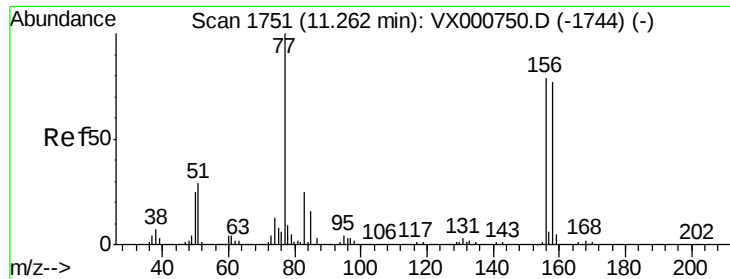
Delta R.T. -0.00 min

Lab File: VX000844.D

Acq: 13 Apr 2018 13:01

Tgt Ion:	75	Resp:	823
Ion	Ratio	Lower	Upper
75	100		
77	135.0	20.5	61.5#





#77

Bromobenzene

Concen: 0.22 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000844.D

Acq: 13 Apr 2018 13:01

Instrument :

MSVOA_X

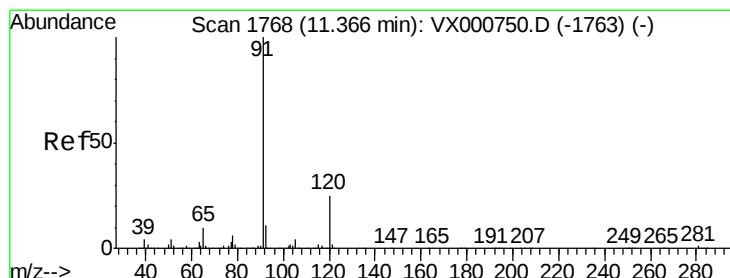
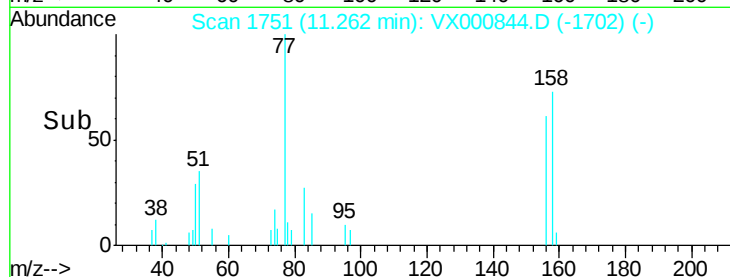
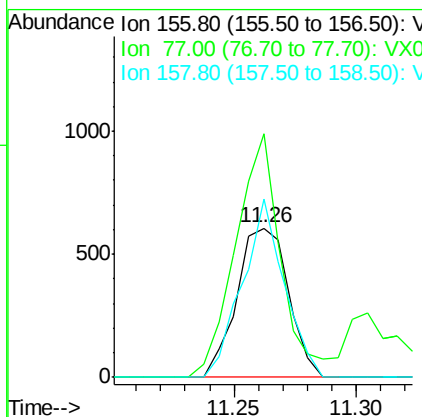
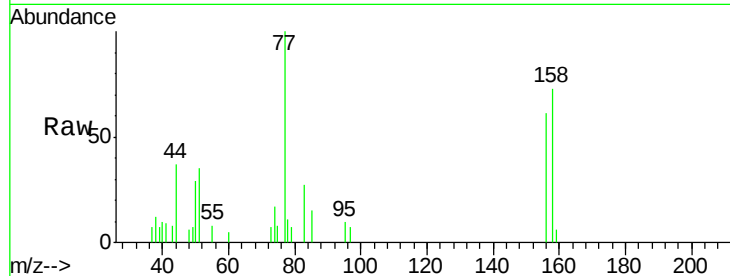
ClientSampleId :

LOD-MDL-WATER-01-QT2-2018

Tot Ion:	156	Resp:	890
Ion Ratio	Lower	Upper	
156	100		
77	142.6	66.0	198.2
158	96.9	48.8	146.4

Manual Integrations
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#78

n-propylbenzene

Concen: 0.22 ug/l

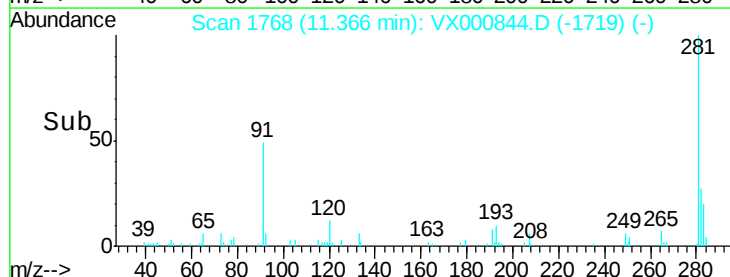
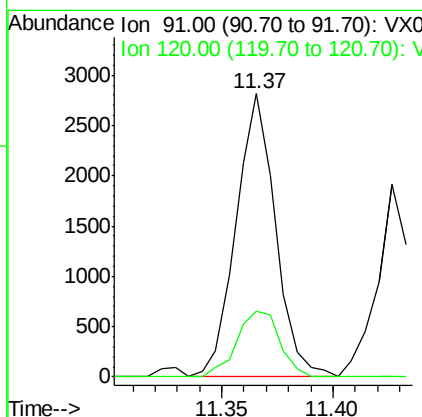
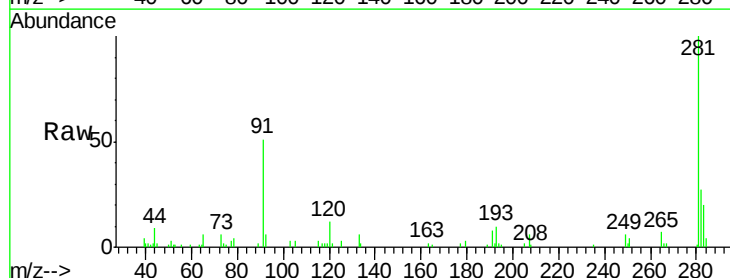
RT: 11.37 min Scan# 1768

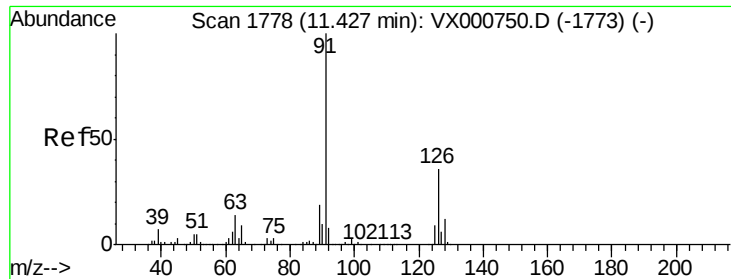
Delta R.T. -0.00 min

Lab File: VX000844.D

Acq: 13 Apr 2018 13:01

Tgt Ion:	91	Resp:	3474
Ion Ratio	Lower	Upper	
91	100		
120	25.1	12.6	37.6





#79

2-Chlorotoluene

Concen: 0.22 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX000844.D

Acq: 13 Apr 2018 13:01

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2018

Tot Ion: 91 Resp: 2075

Ion Ratio Lower Upper

91 100

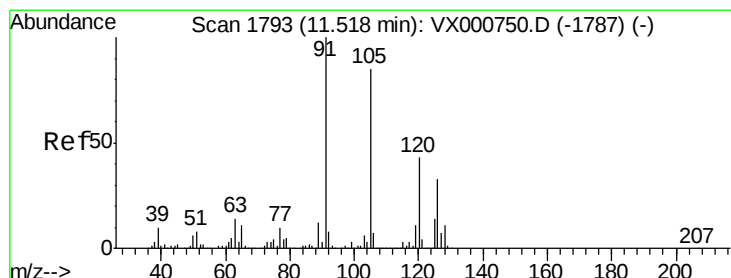
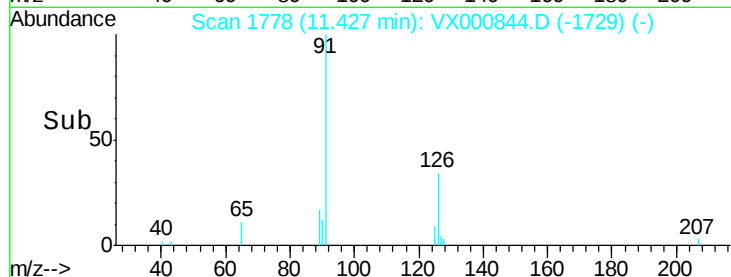
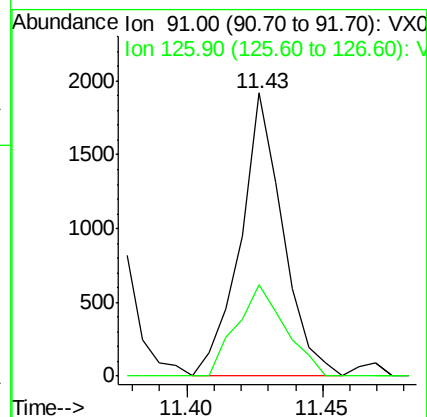
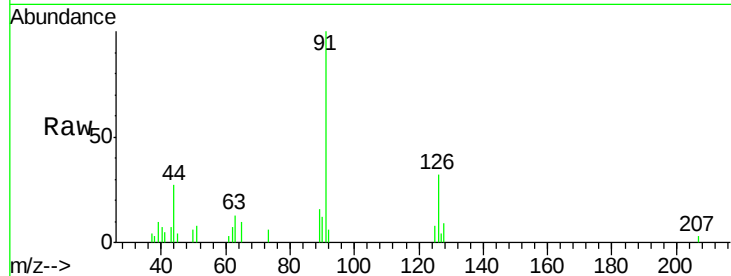
126 37.0 18.3 54.9

Manual Integrations

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#82

4-Chlorotoluene

Concen: 0.23 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX000844.D

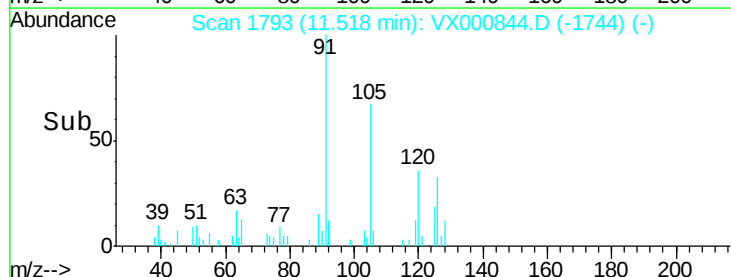
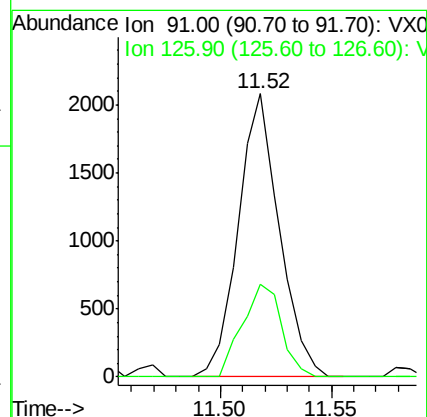
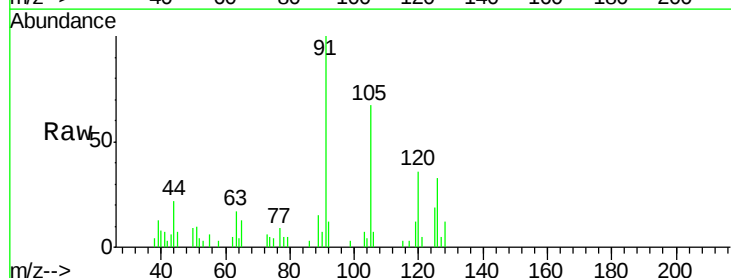
Acq: 13 Apr 2018 13:01

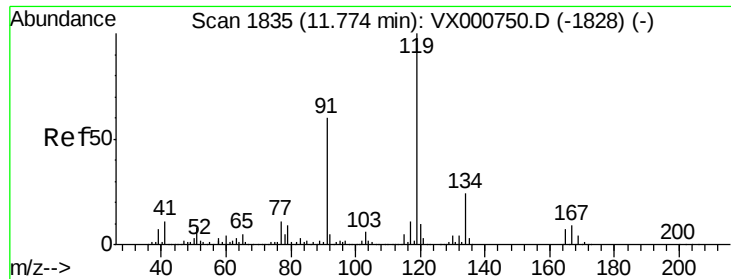
Tgt Ion: 91 Resp: 2666

Ion Ratio Lower Upper

91 100

126 31.3 16.2 48.6





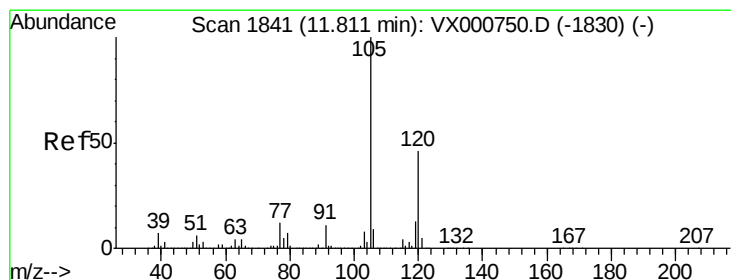
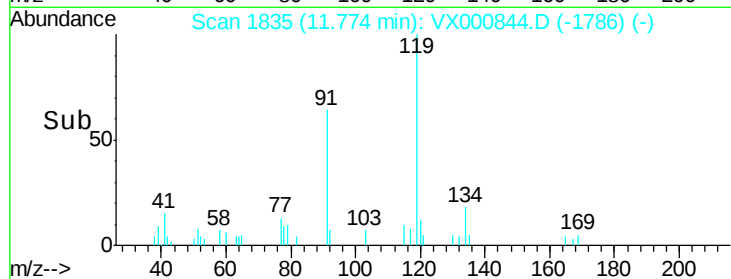
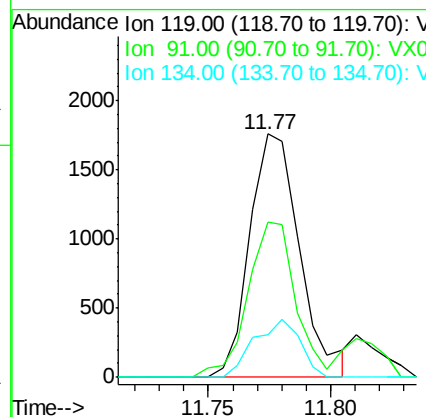
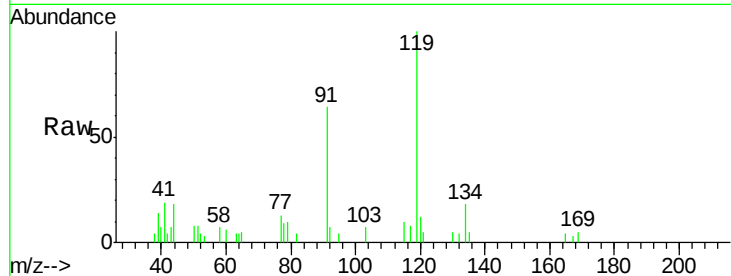
#83
 tert-Butylbenzene
 Concen: 0.20 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX000844.D
 Acq: 13 Apr 2018 13:01

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2018

Tot Ion	Ratio	Lower	Upper
119	100		
91	60.7	26.8	80.3
134	21.7	11.5	34.4

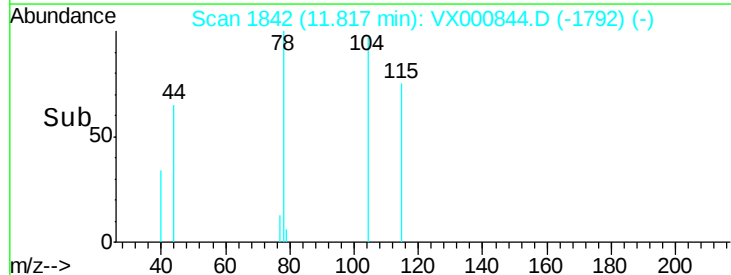
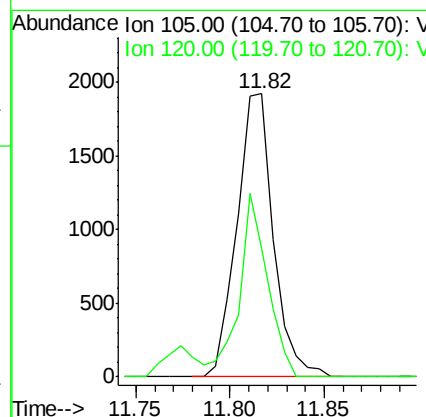
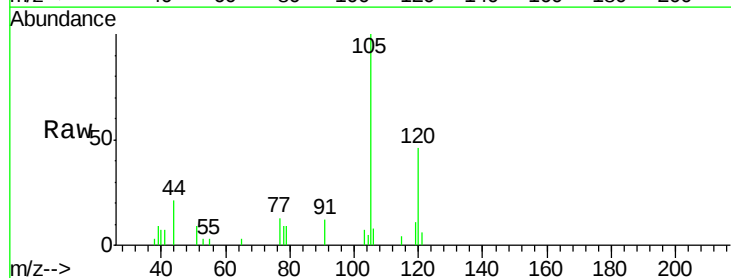
Manual Integrations
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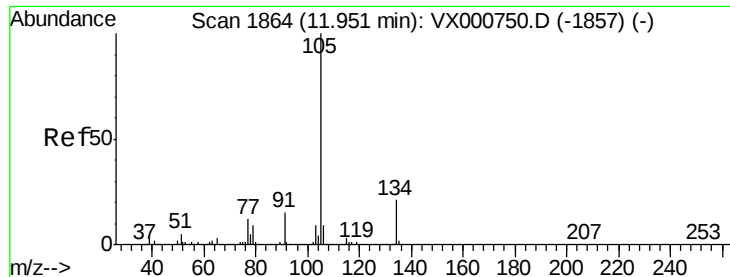
MMDadoda
 4/16/2018 12:59:56 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 0.21 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. 0.01 min
 Lab File: VX000844.D
 Acq: 13 Apr 2018 13:01

Tgt Ion	Ratio	Lower	Upper
105	100		
120	49.8	23.1	69.3





#85

sec-Butylbenzene

Concen: 0.21 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX000844.D

Acq: 13 Apr 2018 13:01

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2018

Tot Ion:105 Resp: 3113

Ion Ratio Lower Upper

105 100

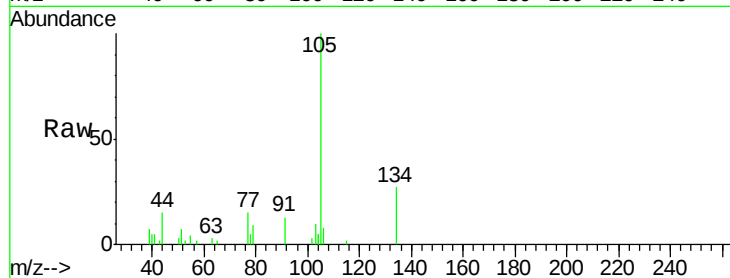
134 23.3 10.8 32.4

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.95

3000

2500

2000

1500

1000

500

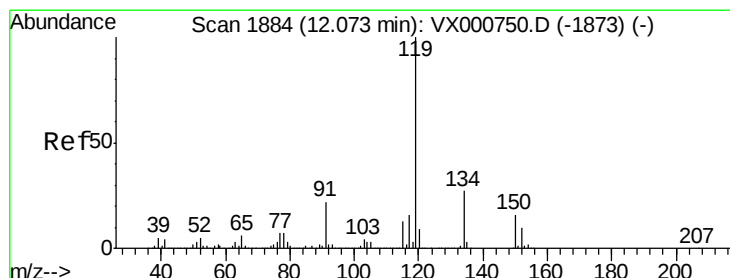
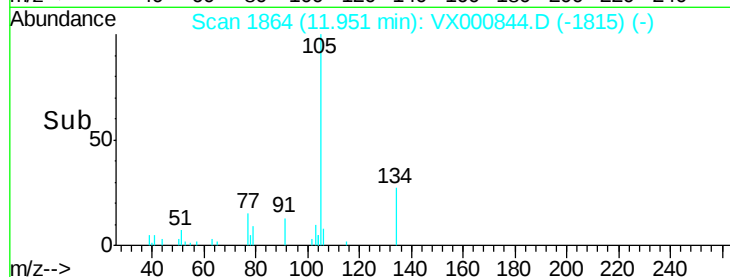
0

Time-->

11.90

11.95

12.00



#86

p-Isopropyltoluene

Concen: 0.22 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.01 min

Lab File: VX000844.D

Acq: 13 Apr 2018 13:01

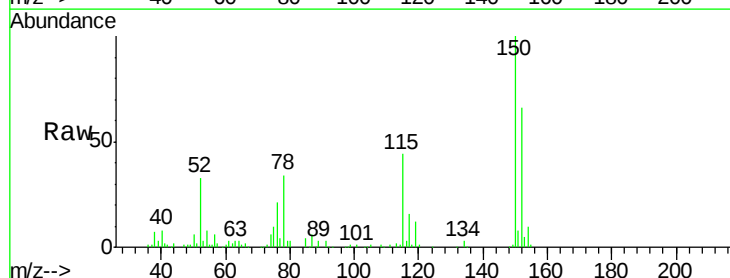
Tgt Ion:119 Resp: 2968

Ion Ratio Lower Upper

119 100

134 32.7 13.6 40.7

91 44.8 11.2 33.5#



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): VX0

12.07

3000

2500

2000

1500

1000

500

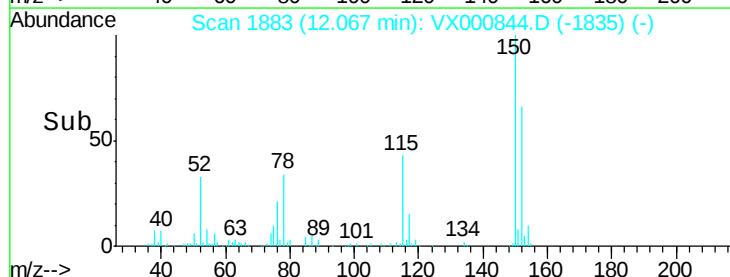
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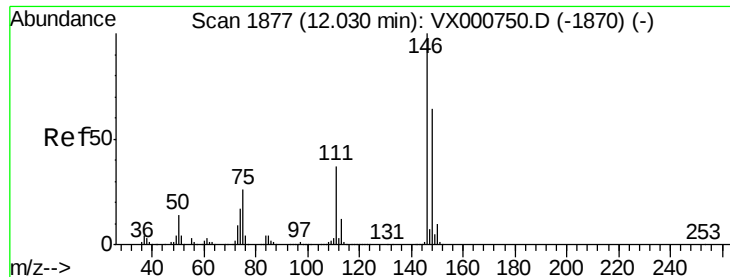
Time-->

12.00

12.05

12.10





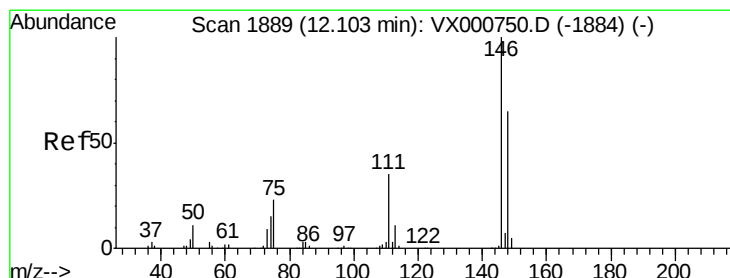
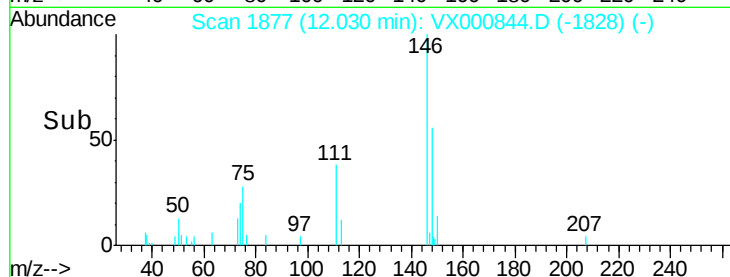
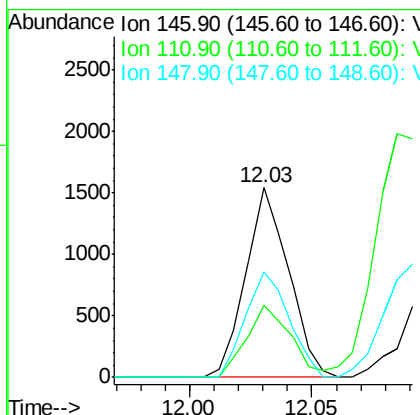
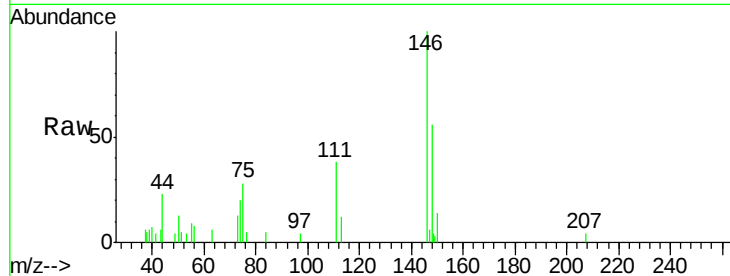
#87
 1,3-Dichlorobenzene
 Concen: 0.25 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX000844.D
 Acq: 13 Apr 2018 13:01

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2018

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	18.3	54.8
148	56.5	32.2	96.6

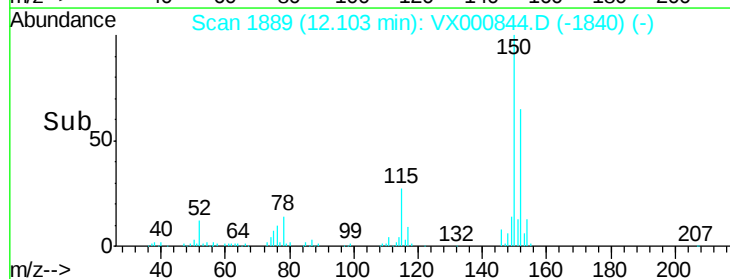
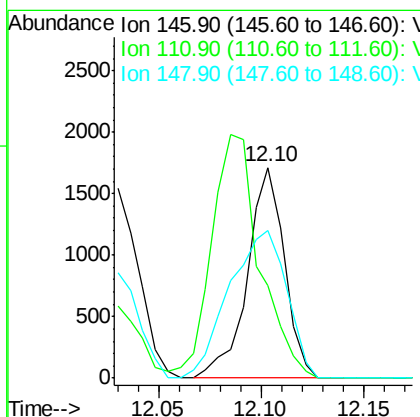
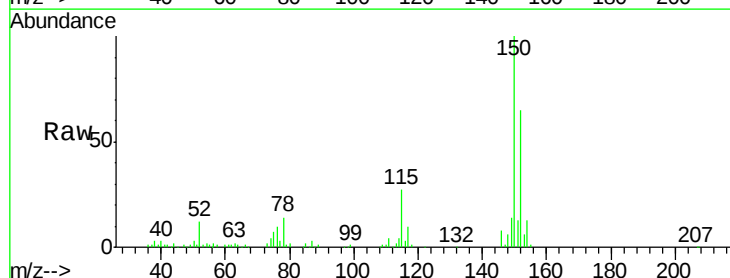
Manual Integrations
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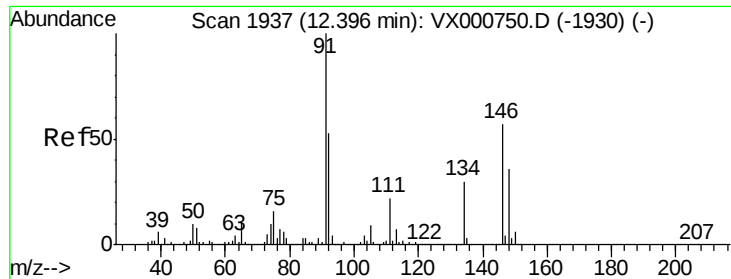
MMDadoda
 4/16/2018 12:59:56 PM



#88
 1,4-Dichlorobenzene
 Concen: 0.28 ug/l m
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX000844.D
 Acq: 13 Apr 2018 13:01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	34.2	17.9	53.8
148	49.3	32.6	97.7





#89

n-Butylbenzene

Concen: 0.24 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX000844.D

Acq: 13 Apr 2018 13:01

Instrument :

MSVOA_X

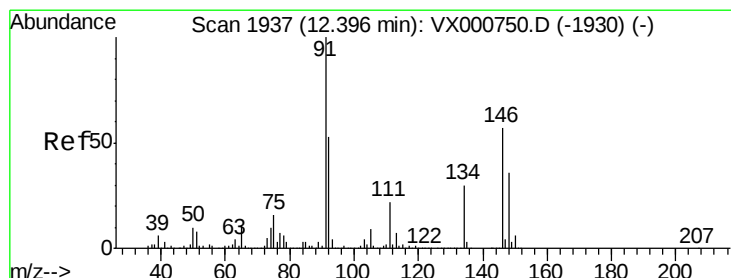
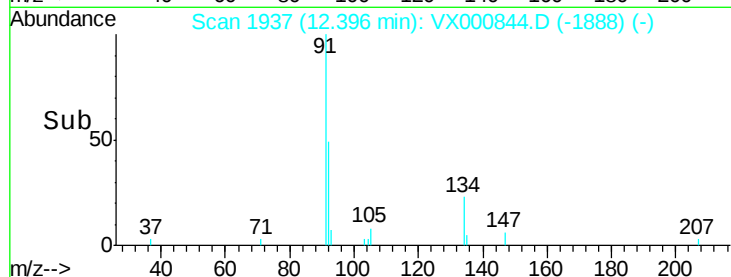
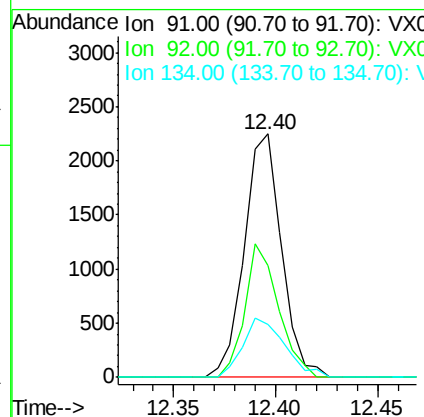
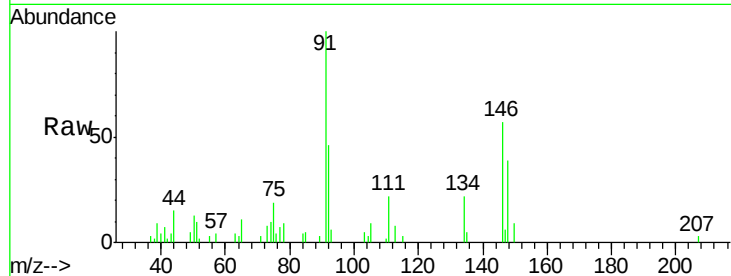
ClientSampleId :

LOD-MDL-WATER-01-QT2-2018

Tot Ion:	91	Resp:	2854
Ion	Ratio	Lower	Upper
91	100		
92	49.2	26.5	79.5
134	27.2	14.5	43.5

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4/16/2018 12:59:56 PM



#91

1,2-Dichlorobenzene

Concen: 0.22 ug/l

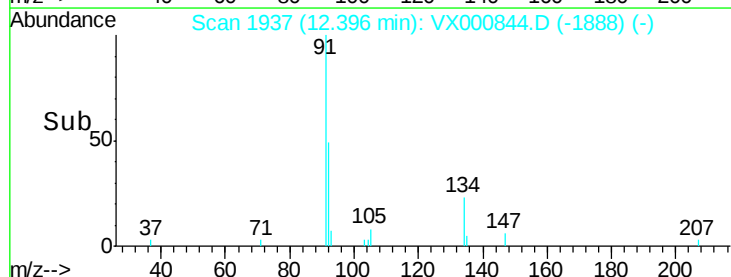
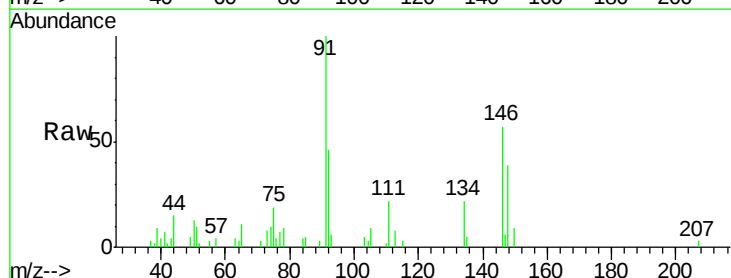
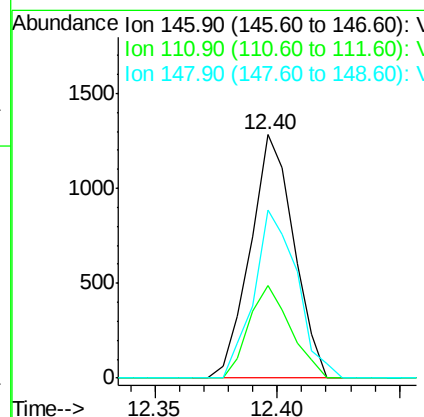
RT: 12.40 min Scan# 1937

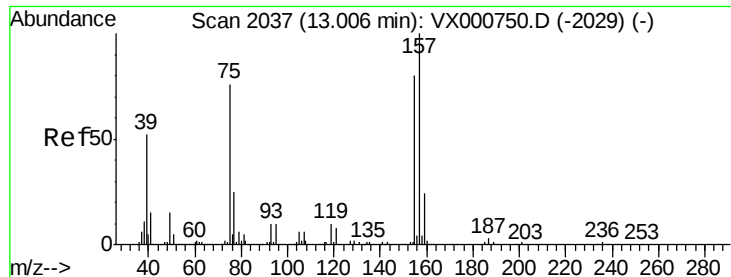
Delta R.T. -0.00 min

Lab File: VX000844.D

Acq: 13 Apr 2018 13:01

Tgt Ion:	146	Resp:	1596
Ion	Ratio	Lower	Upper
146	100		
111	36.3	18.9	56.7
148	68.4	32.0	96.2





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.20 ug/l

RT: 13.01 min Scan# 2038

Delta R.T. 0.01 min

Lab File: VX000844.D

Acq: 13 Apr 2018 13:01

Instrument :

MSVOA_X

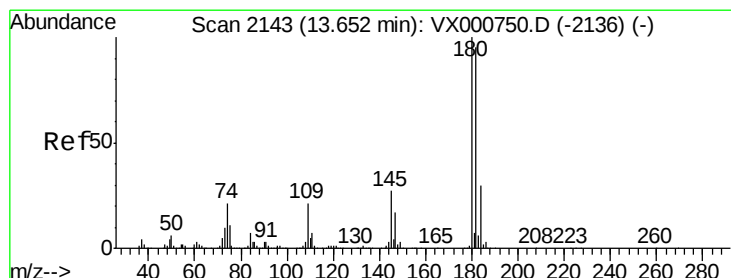
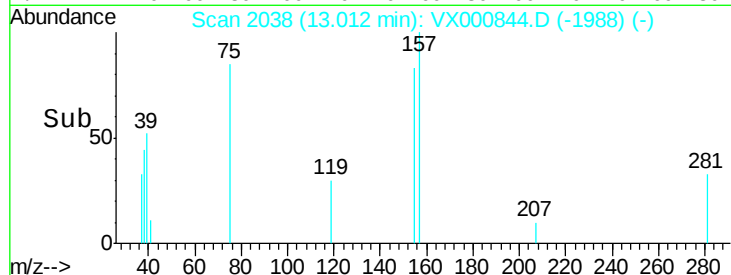
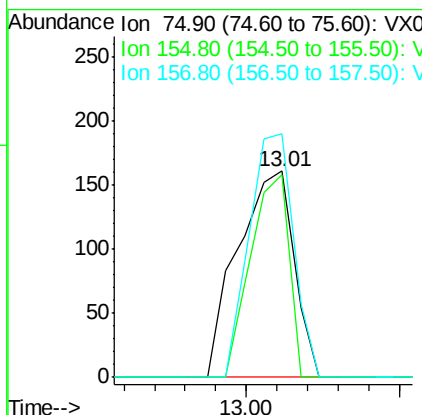
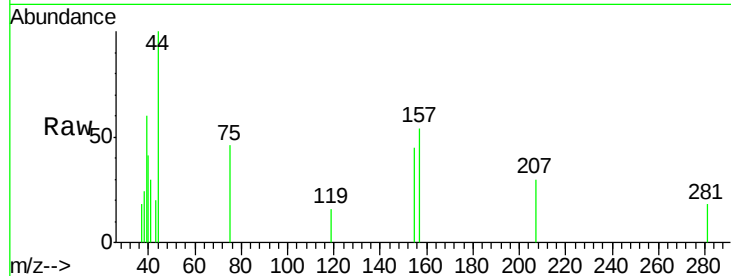
ClientSampleId :

LOD-MDL-WATER-01-QT2-2018

Tot Ion:	75	Resp:	205
Ion Ratio	Lower	Upper	
75	100		
155	66.8	51.9	155.8
157	93.2	66.6	199.8

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4/16/2018 12:59:56 PM



#93

1,2,4-Trichlorobenzene

Concen: 0.28 ug/l

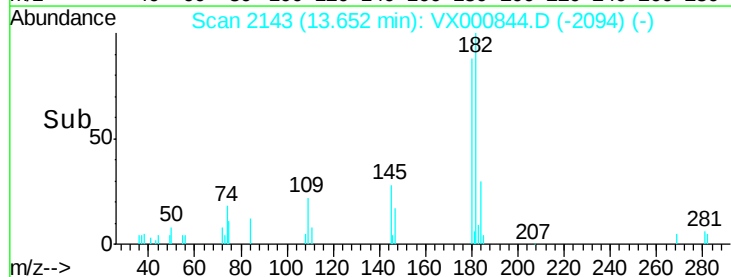
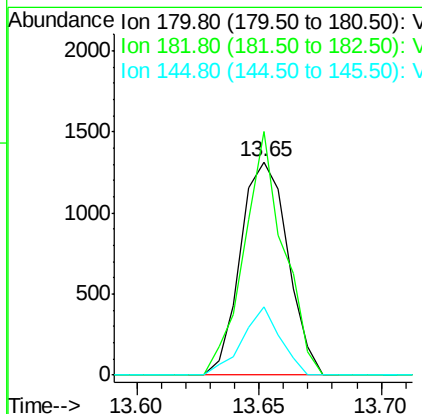
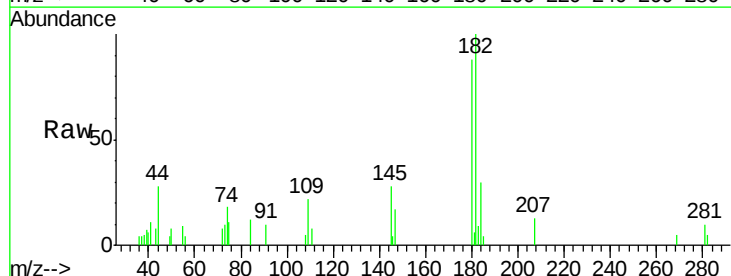
RT: 13.65 min Scan# 2143

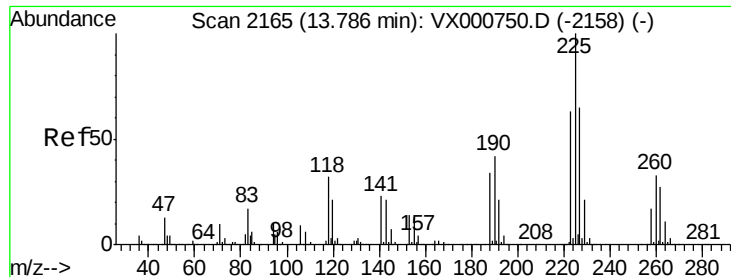
Delta R.T. -0.00 min

Lab File: VX000844.D

Acq: 13 Apr 2018 13:01

Tgt Ion:	180	Resp:	1771
Ion Ratio	Lower	Upper	
180	100		
182	95.9	47.5	142.5
145	25.9	13.8	41.4





#94

Hexachlorobutadiene

Concen: 0.23 ug/l

RT: 13.79 min Scan# 2166

Delta R.T. 0.01 min

Lab File: VX000844.D

Acq: 13 Apr 2018 13:01

Instrument :

MSVOA_X

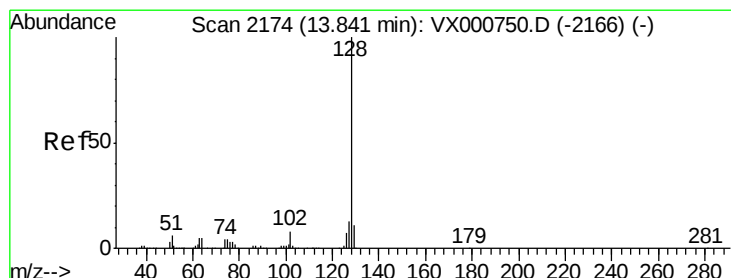
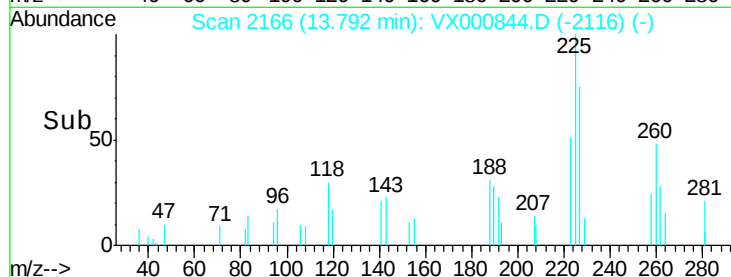
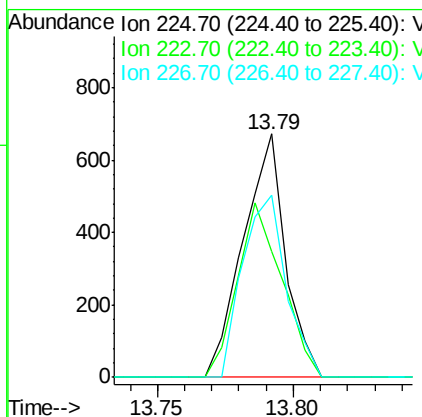
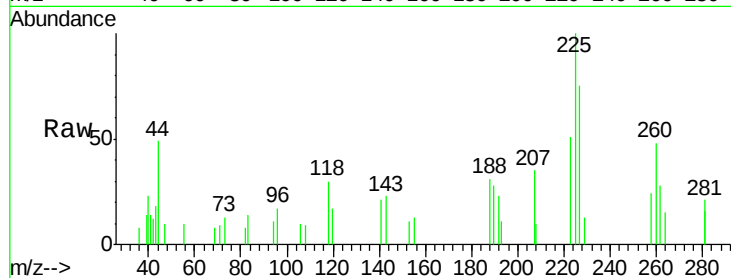
ClientSampleId :

LOD-MDL-WATER-01-QT2-2018

Tot Ion:	225	Resp:	723
Ion Ratio	Lower	Upper	
225	100		
223	75.5	31.2	93.6
227	77.3	32.3	96.9

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4/16/2018 12:59:56 PM



#95

Naphthalene

Concen: 0.24 ug/l

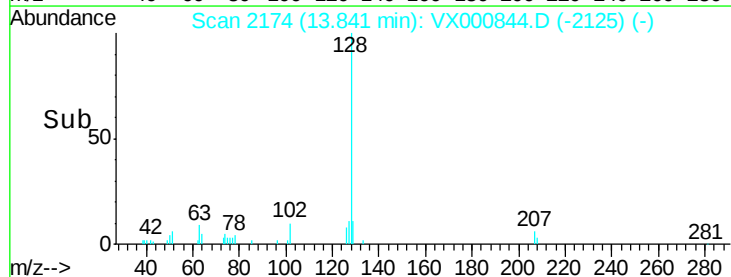
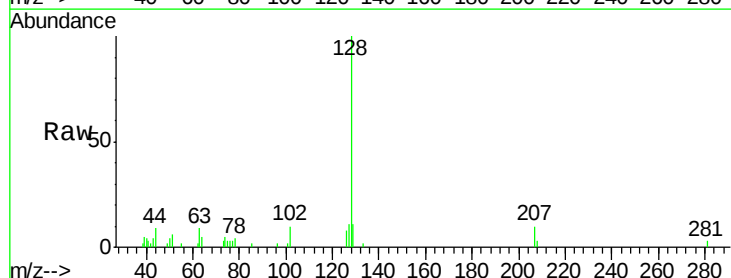
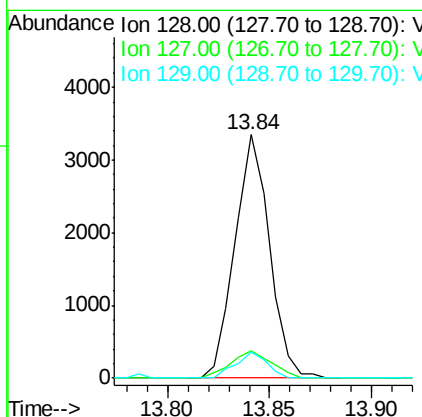
RT: 13.84 min Scan# 2174

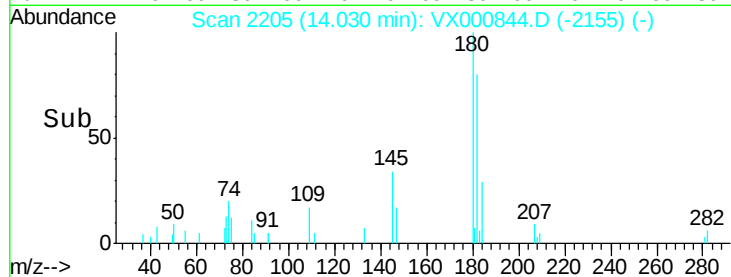
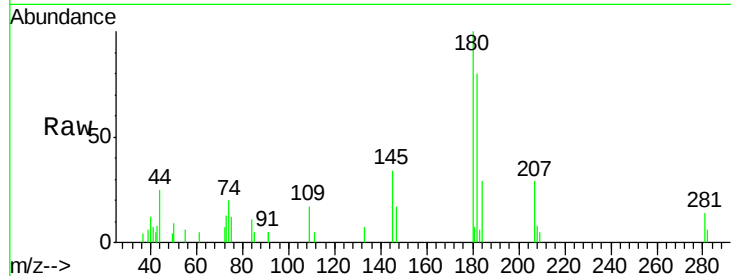
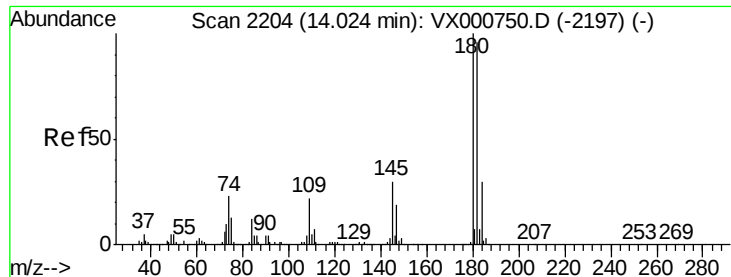
Delta R.T. -0.00 min

Lab File: VX000844.D

Acq: 13 Apr 2018 13:01

Tgt Ion:	128	Resp:	3937
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.4	15.6
129	9.8	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 0.25 ug/l
 RT: 14.03 min Scan# 2205
 Delta R.T. 0.01 min
 Lab File: VX000844.D
 Acq: 13 Apr 2018 13:01

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2018

Tot Ion	Ratio	Resp	Lower	Upper
180	100	1540		
182	95.1		48.4	145.2
145	30.8		14.6	43.8

Manual Integrations
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