

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX021318\
 Data File : VX000075.D
 Acq On : 13 Feb 2018 14:29
 Operator : JC/MD
 Sample : MDL07 0.5PPB
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ClientSampleId :
 MDL07 0.5PPB

Manual Integrations
 APPROVED

MMDadoda
 2/16/2018 2:27:59 PM

Quant Time: Feb 14 03:15:53 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X020918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 09 23:01:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	112495	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	183637	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	173770	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	93568	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	61476	52.30	ug/l	-0.01
Spiked Amount						
			Recovery	=	104.60%	
35) Dibromofluoromethane	5.51	113	50364	46.97	ug/l	0.00
Spiked Amount						
			Recovery	=	93.94%	
50) Toluene-d8	8.73	98	191194	47.91	ug/l	0.00
Spiked Amount						
			Recovery	=	95.82%	
62) 4-Bromofluorobenzene	11.15	95	76317	47.03	ug/l	0.00
Spiked Amount						
			Recovery	=	94.06%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	518	0.51	ug/l	96
3) Chloromethane	1.32	50	645	0.62	ug/l	95
4) Vinyl Chloride	1.41	62	735	0.63	ug/l	89
5) Bromomethane	1.65	94	732	1.17	ug/l	90
6) Chloroethane	1.73	64	777	1.10	ug/l	89
7) Trichlorofluoromethane	1.94	101	1115	0.55	ug/l	87
8) Diethyl Ether	2.19	74	396	0.54	ug/l #	38
9) 1,1,2-Trichlorotrifluoroet	2.39	101	632	0.55	ug/l	95
10) Methyl Iodide	2.52	142	786	2.24	ug/l	95
11) Tert butyl alcohol	3.06	59	1706	3.63	ug/l	96
12) 1,1-Dichloroethene	2.39	96	656	0.60	ug/l #	77
13) Acrolein	2.30	56	825	3.42	ug/l #	51
14) Allyl chloride	2.74	41	1555	0.82	ug/l #	84
15) Acrylonitrile	3.15	53	2533	3.09	ug/l	95
16) Acetone	2.45	43	2611	3.75	ug/l #	88
17) Carbon Disulfide	2.58	76	2207	0.69	ug/l	97
18) Methyl Acetate	2.78	43	1717	0.98	ug/l #	79
19) Methyl tert-butyl Ether	3.21	73	2176	0.58	ug/l	96
20) Methylene Chloride	2.86	84	728	0.62	ug/l #	92
21) trans-1,2-Dichloroethene	3.17	96	753	0.64	ug/l #	88
22) Diisopropyl ether	3.88	45	2274	0.72	ug/l #	77
23) Vinyl Acetate	3.83	43	9387	3.31	ug/l	99
24) 1,1-Dichloroethane	3.70	63	1192	0.61	ug/l #	83
25) 2-Butanone	4.71	43	3654	3.48	ug/l #	84
26) 2,2-Dichloropropane	4.60	77	987	0.59	ug/l #	68
27) cis-1,2-Dichloroethene	4.60	96	687	0.60	ug/l	95
28) Bromochloromethane	5.04	49	426	0.66	ug/l #	89
29) Tetrahydrofuran	5.17	42	2602	3.62	ug/l	96
30) Chloroform	5.22	83	1134	0.58	ug/l	87
31) Cyclohexane	5.58	56	918m	0.57	ug/l	
32) 1,1,1-Trichloroethane	5.51	97	1116	0.60	ug/l #	46
36) 1,1-Dichloropropene	5.81	75	923	0.58	ug/l	87
37) Ethyl Acetate	4.87	43	1584	0.77	ug/l #	80
38) Carbon Tetrachloride	5.79	117	1025	0.57	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	1036	0.53	ug/l	88
40) Benzene	6.16	78	2565	0.57	ug/l	96
41) Methacrylonitrile	5.07	41	850	0.80	ug/l #	84
42) 1,2-Dichloroethane	6.20	62	979	0.61	ug/l	83
43) Isopropyl Acetate	6.47	43	1906	0.61	ug/l #	93
44) Trichloroethene	7.21	130	753	0.54	ug/l	83
45) 1,2-Dichloropropane	7.53	63	675	0.61	ug/l	95
46) Dibromomethane	7.67	93	554	0.65	ug/l #	75
47) Bromodichloromethane	7.91	83	899	0.55	ug/l #	93
48) Methyl methacrylate	7.79	41	879	0.58	ug/l	95
49) 1,4-Dioxane	7.77	88	319	7.84	ug/l #	61
51) 4-Methyl-2-Pentanone	8.66	43	6116	2.82	ug/l	90
52) Toluene	8.79	92	1740	0.57	ug/l	98
53) t-1,3-Dichloropropene	8.45	75	1079	0.56	ug/l #	80
54) cis-1,3-Dichloropropene	9.05	75	1069	0.57	ug/l	93
55) 1,1,2-Trichloroethane	9.22	97	676	0.53	ug/l #	85
56) Ethyl methacrylate	9.19	69	928	0.48	ug/l #	63
57) 1,3-Dichloropropane	9.38	76	1056	0.53	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.32	63	2389	2.48	ug/l	99
59) 2-Hexanone	9.51	43	5004	2.84	ug/l	100
60) Dibromochloromethane	9.59	129	628	0.43	ug/l	88
61) 1,2-Dibromoethane	9.68	107	714	0.51	ug/l	91
64) Tetrachloroethene	9.35	164	713	0.55	ug/l #	68
65) Chlorobenzene	10.15	112	2072	0.57	ug/l	91
66) 1,1,1,2-Tetrachloroethane	10.23	131	751	0.58	ug/l #	55
67) Ethyl Benzene	10.26	91	3124	0.52	ug/l	90
68) m/p-Xylenes	10.37	106	2470	1.04	ug/l	89
69) o-Xylene	10.71	106	1349	0.59	ug/l	89
70) Styrene	10.72	104	1762	0.45	ug/l	89
71) Bromoform	10.87	173	556	0.45	ug/l #	69
73) Isopropylbenzene	11.02	105	3265	0.55	ug/l	97
74) N-amyl acetate	6.47	43	1906	0.64	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	11.28	83	1097	0.54	ug/l	95
76) 1,2,3-Trichloropropane	11.31	75	983m	0.56	ug/l	
77) Bromobenzene	11.26	156	910	0.56	ug/l	93
78) n-propylbenzene	11.37	91	4114	0.60	ug/l	99
79) 2-Chlorotoluene	11.43	91	2256	0.57	ug/l	92
80) 1,3,5-Trimethylbenzene	11.52	105	2678	0.54	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.09	75	330m	0.46	ug/l	
82) 4-Chlorotoluene	11.52	91	2849	0.60	ug/l	100
83) tert-Butylbenzene	11.78	119	2859	0.57	ug/l	98
84) 1,2,4-Trimethylbenzene	11.82	105	2934	0.58	ug/l	89
85) sec-Butylbenzene	11.96	105	3174	0.51	ug/l	97
86) p-Isopropyltoluene	12.07	119	2930	0.53	ug/l	87
87) 1,3-Dichlorobenzene	12.03	146	1872	0.62	ug/l	94
88) 1,4-Dichlorobenzene	12.11	146	1894m	0.61	ug/l	
89) n-Butylbenzene	12.40	91	3025	0.58	ug/l	97
90) Hexachloroethane	12.61	117	450	0.46	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	1652	0.56	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.01	75	278	0.48	ug/l	90

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Quant Title : SW846 8260
QLast Update : Fri Feb 09 23:01:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	1337	0.59	ug/l	96
94) Hexachlorobutadiene	13.79	225	525	0.49	ug/l	91
95) Naphthalene	13.85	128	4244	0.57	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	1340	0.61	ug/l	89

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

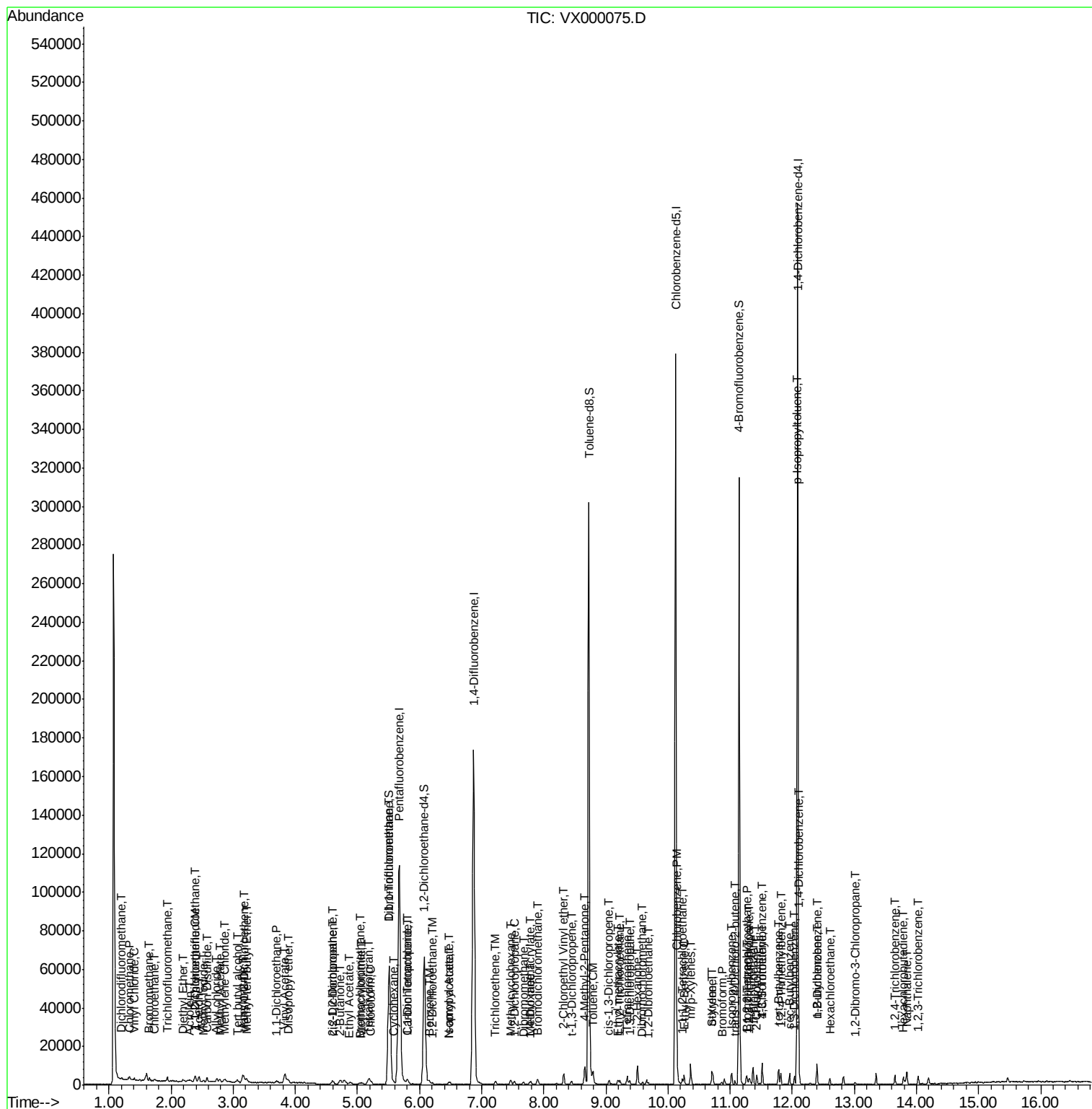
Data Path : W:\HPCHEM1\MSVOA X\DATA\VX021318\
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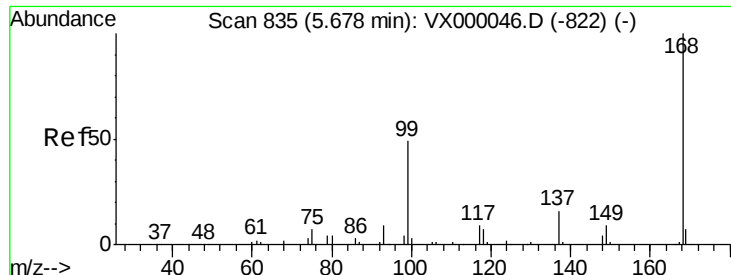
Instrument :
ClientSampleId :
MDL07 0.5PPB

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Quant Title : SW846 8260
QLast Update : Fri Feb 09 23:01:05 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000075.D

Acq: 13 Feb 2018 14:29

Instrument :

ClientSampleId :

MDL07 0.5PPB

Tot Ion:168 Resp: 112495

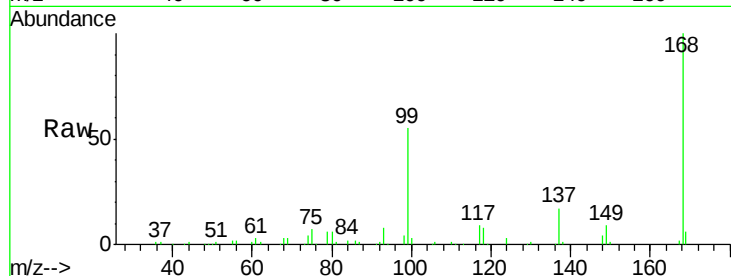
Ion Ratio Lower Upper

168 100

99 54.8 39.4 59.2

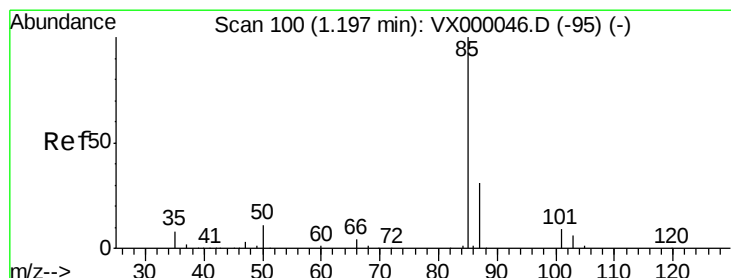
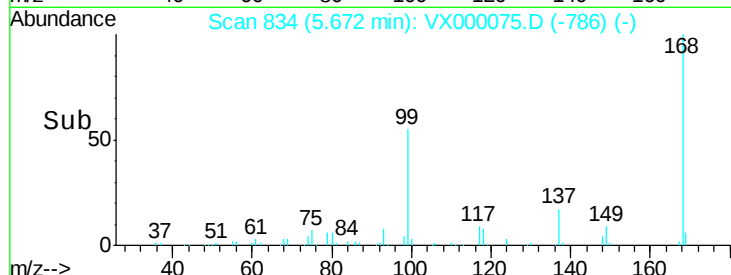
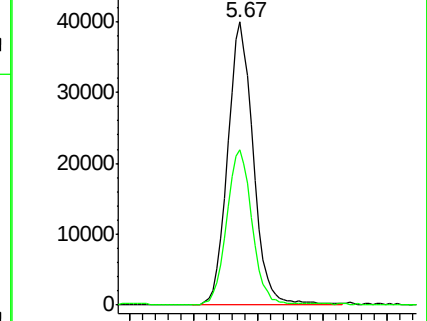
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 0.51 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000075.D

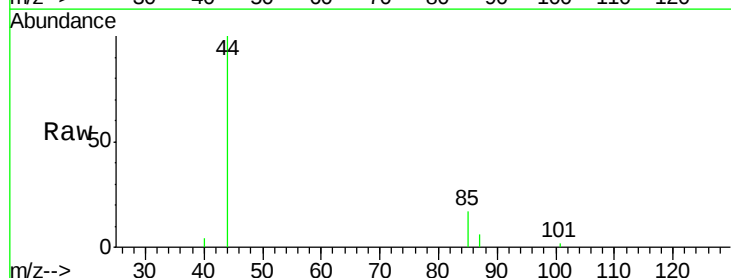
Acq: 13 Feb 2018 14:29

Tgt Ion: 85 Resp: 518

Ion Ratio Lower Upper

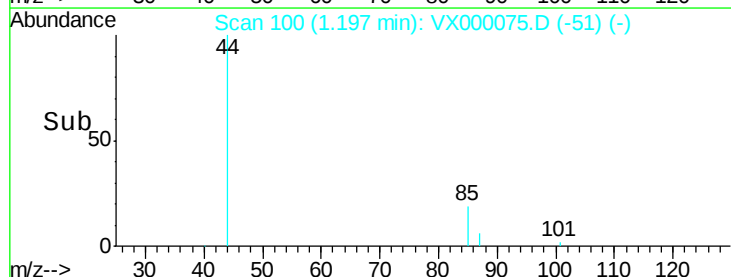
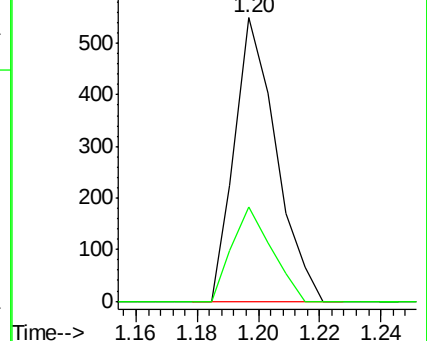
85 100

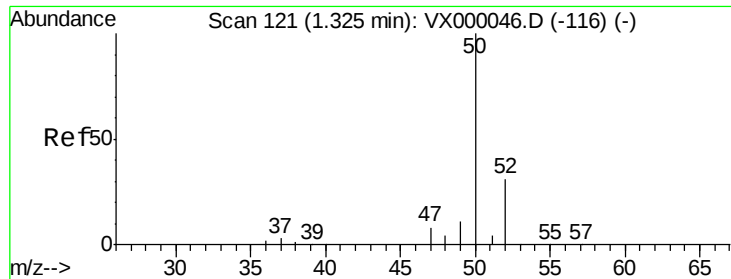
87 33.3 15.7 47.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 0.62 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000075.D

Acq: 13 Feb 2018 14:29

Instrument :

ClientSampled :

MDL07 0.5PPB

Tot Ion: 50 Resp: 645

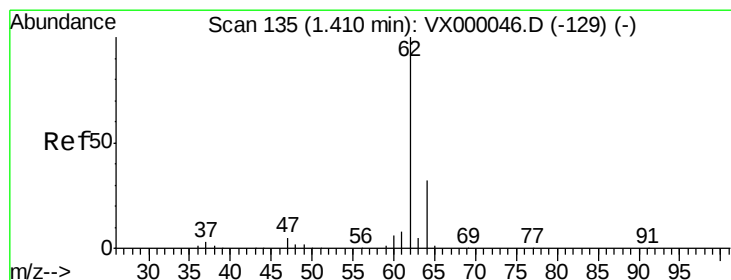
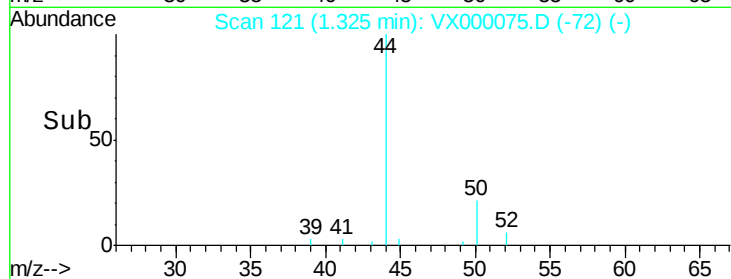
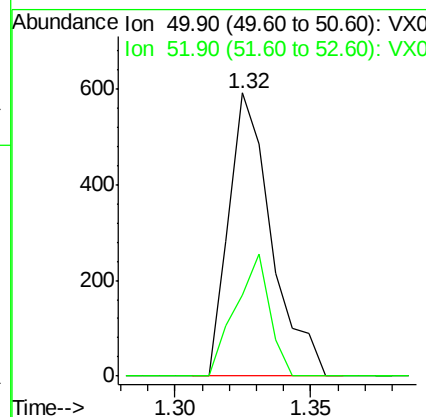
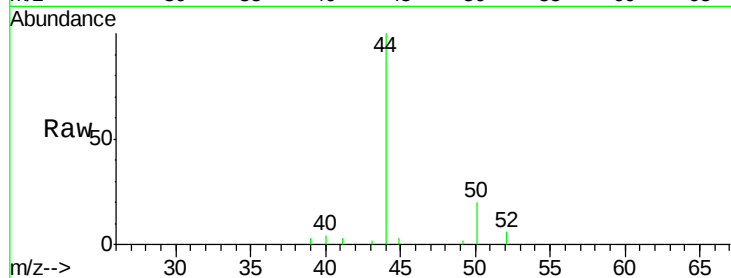
Ion Ratio Lower Upper

50 100

52 28.7 25.0 37.6

Manual Integrations
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#4

Vinyl Chloride

Concen: 0.63 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX000075.D

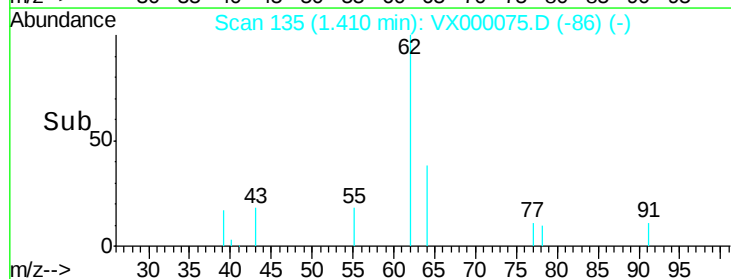
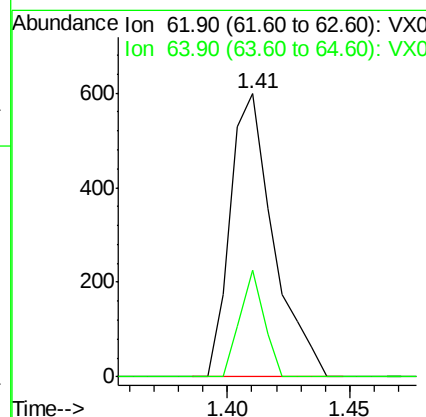
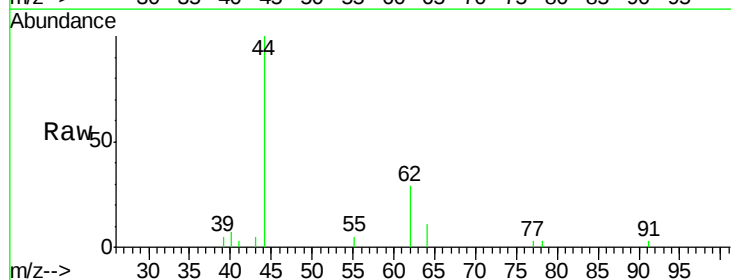
Acq: 13 Feb 2018 14:29

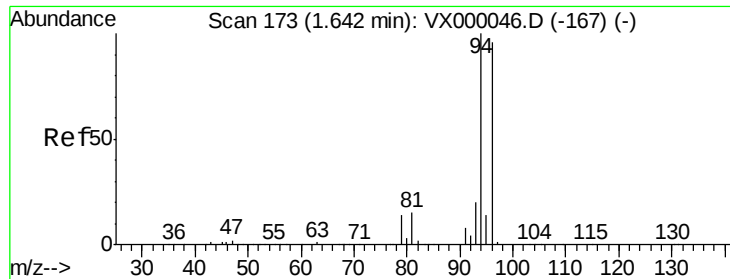
Tgt Ion: 62 Resp: 735

Ion Ratio Lower Upper

62 100

64 37.6 25.4 38.0





#5

Bromomethane

Concen: 1.17 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX000075.D

Acq: 13 Feb 2018 14:29

Instrument :

ClientSampled :

MDL07 0.5PPB

Tot Ion: 94 Resp: 732

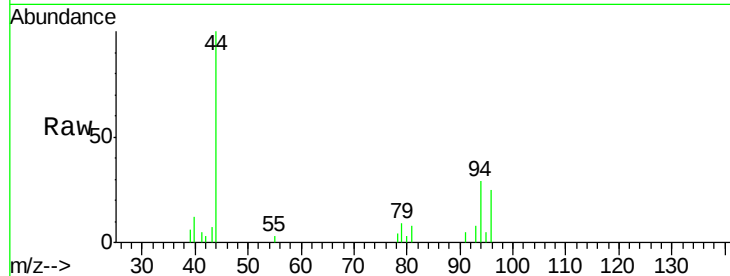
Ion Ratio Lower Upper

94 100

96 85.7 76.7 115.1

Manual Integrations
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

500

400

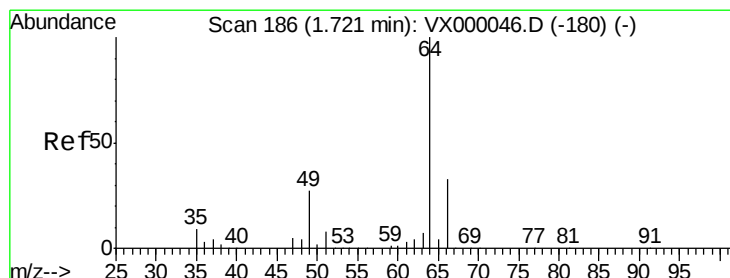
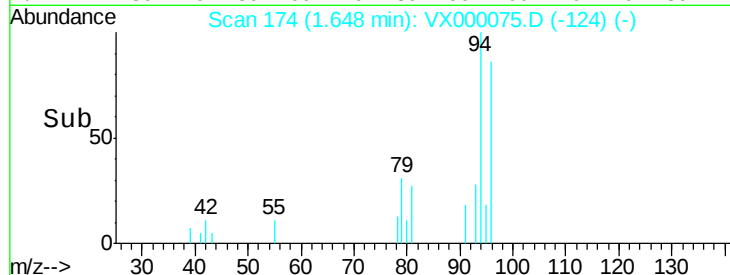
300

200

100

0

Time-->



#6

Chloroethane

Concen: 1.10 ug/l

RT: 1.73 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX000075.D

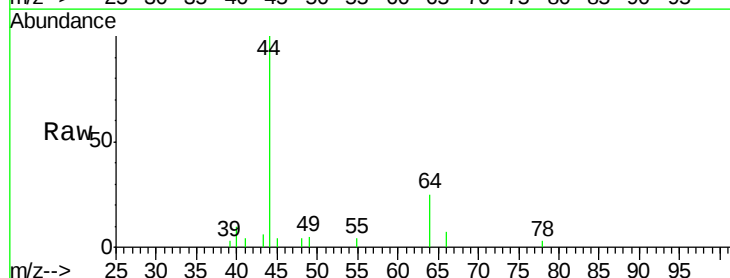
Acq: 13 Feb 2018 14:29

Tgt Ion: 64 Resp: 777

Ion Ratio Lower Upper

64 100

66 26.7 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.73

500

400

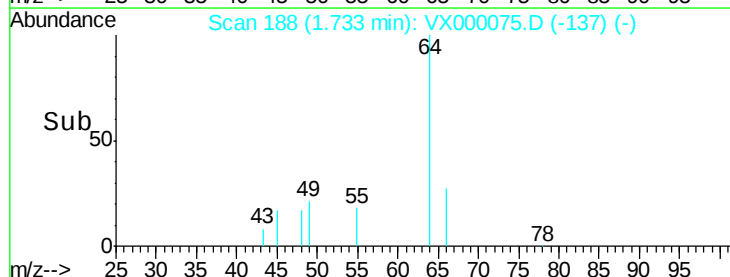
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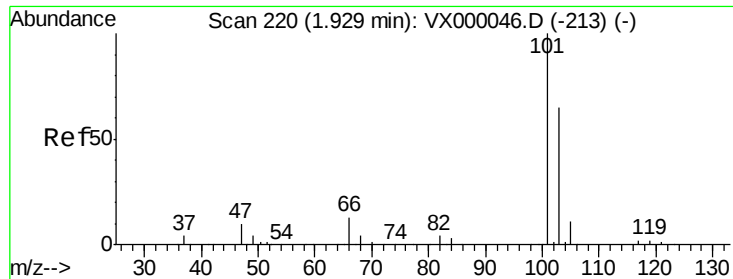
200

100

0

Time-->





#7

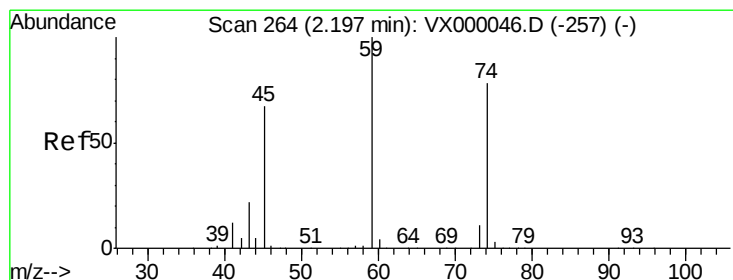
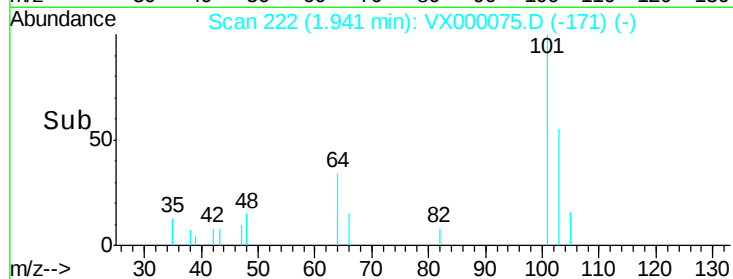
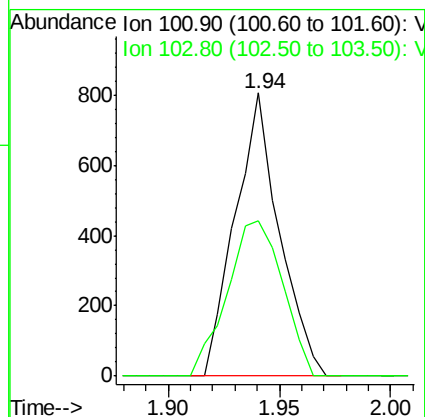
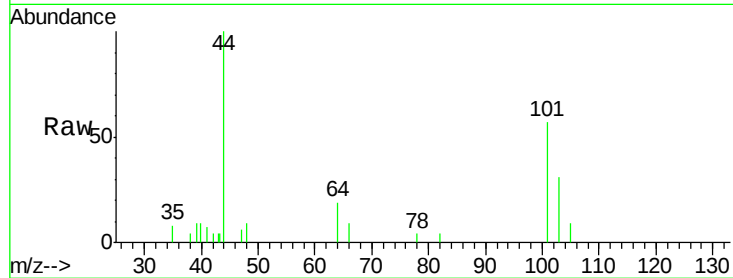
Trichlorofluoromethane
Concen: 0.55 ug/l
RT: 1.94 min Scan# 222
Delta R.T. 0.01 min
Lab File: VX000075.D
Acq: 13 Feb 2018 14:29

Instrument :
ClientSampled :
MDL07 0.5PPB

Tot Ion	Ratio	Lower	Upper
101	100		
103	54.8	52.3	78.5

Manual Integrations
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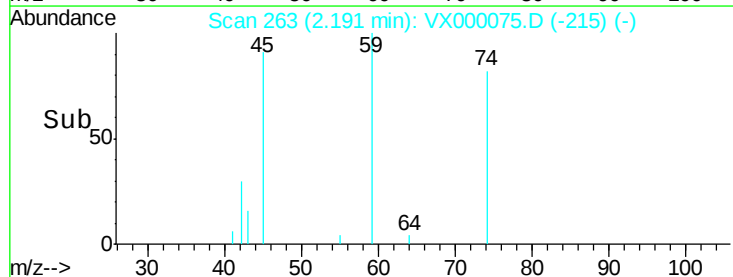
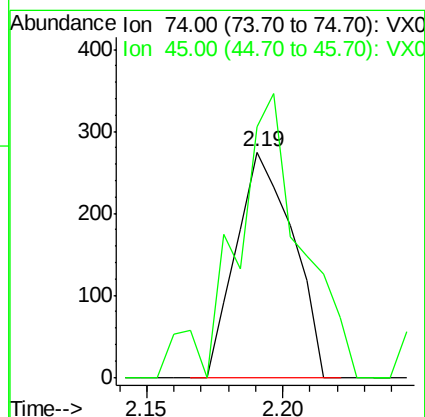
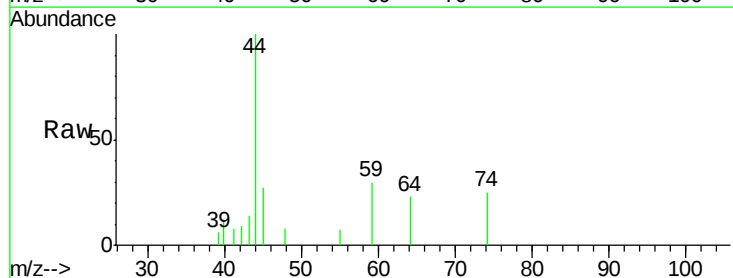
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2/16/2018 2:27:59 PM

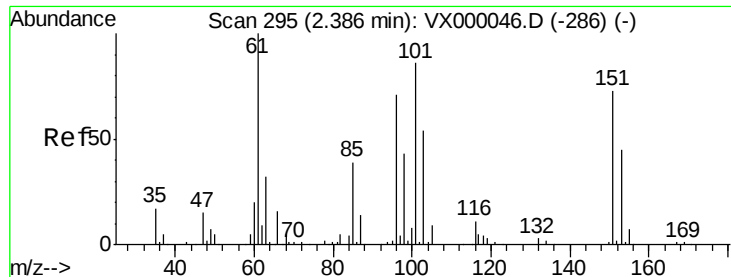


#8

Diethyl Ether
Concen: 0.54 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.01 min
Lab File: VX000075.D
Acq: 13 Feb 2018 14:29

Tgt Ion	Ratio	Lower	Upper
74	100		
45	146.5	44.3	132.8#





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.55 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX000075.D

Acq: 13 Feb 2018 14:29

Instrument :

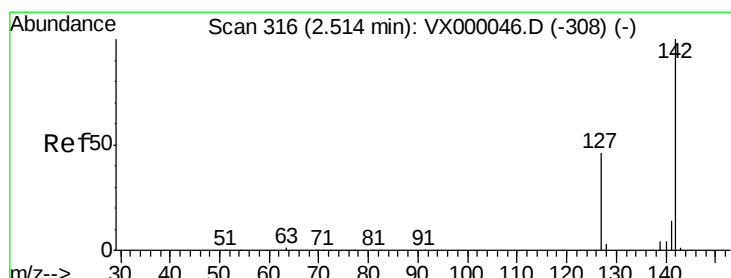
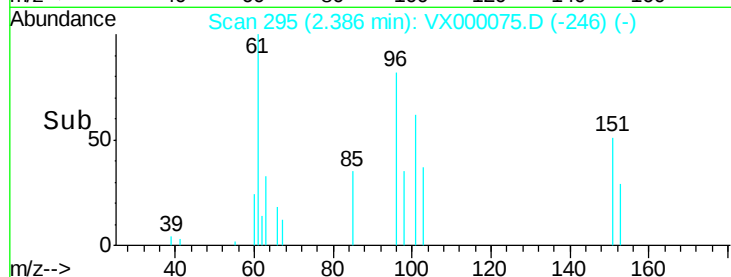
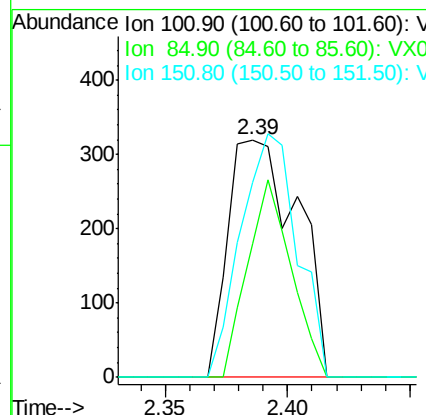
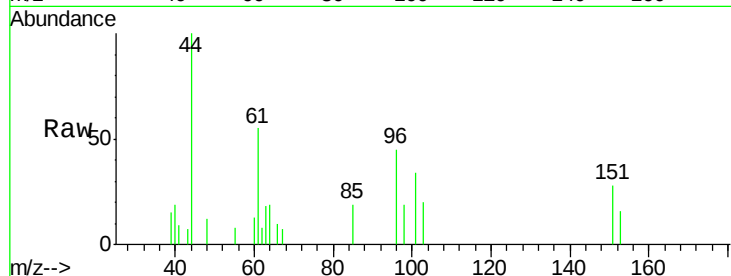
ClientSampled :

MDL07 0.5PPB

Tot Ion:	101	Resp:	632
Ion Ratio	Lower	Upper	
101	100		
85	52.2	36.6	54.8
151	83.5	68.8	103.2

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#10

Methyl Iodide

Concen: 2.24 ug/l

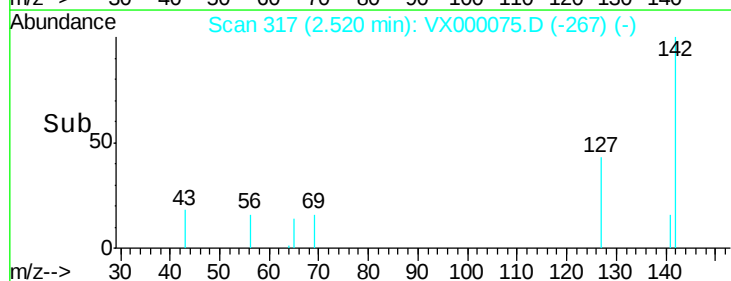
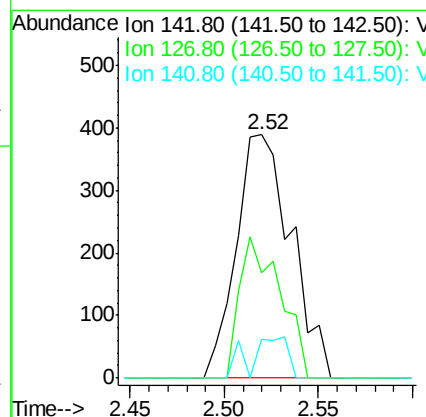
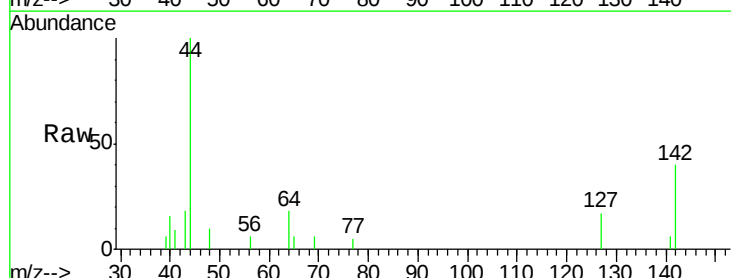
RT: 2.52 min Scan# 317

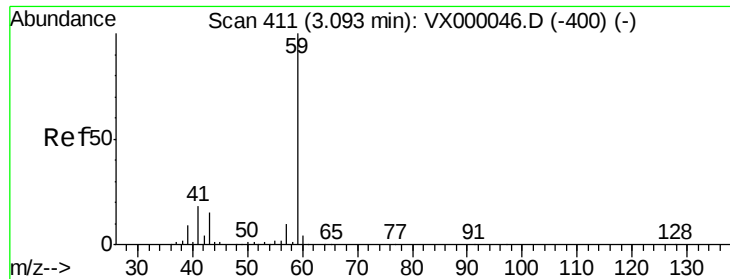
Delta R.T. 0.01 min

Lab File: VX000075.D

Acq: 13 Feb 2018 14:29

Tgt Ion:	142	Resp:	786
Ion Ratio	Lower	Upper	
142	100		
127	43.1	36.8	55.2
141	11.5	11.4	17.0





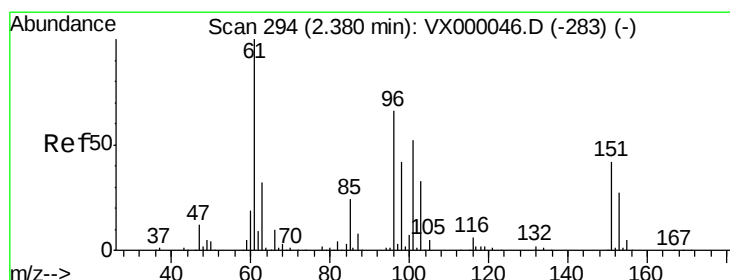
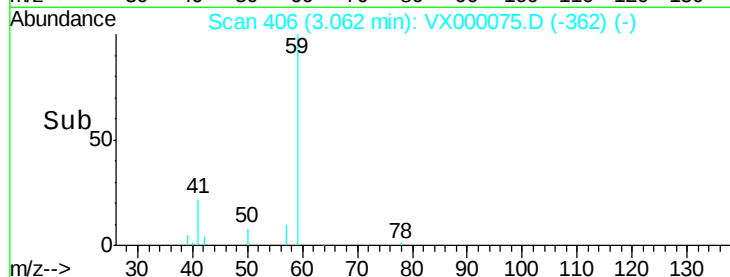
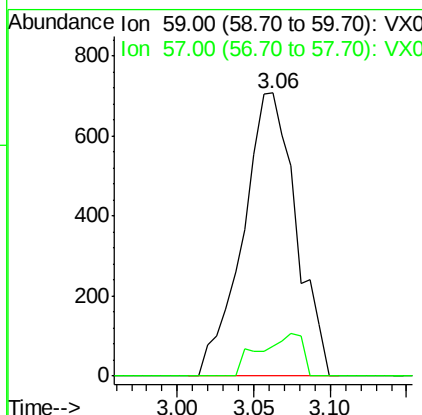
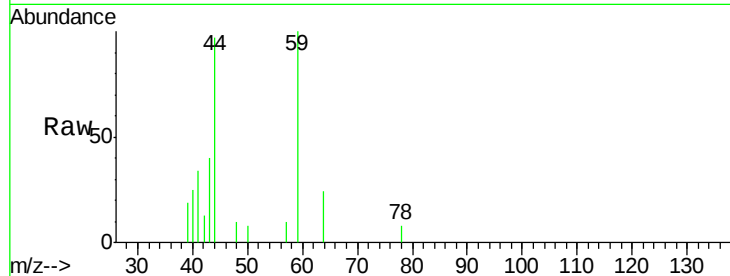
#11
Tert butyl alcohol
Concen: 3.63 ug/l
RT: 3.06 min Scan# 406
Delta R.T. -0.03 min
Lab File: VX000075.D
Acq: 13 Feb 2018 14:29

Instrument :
Client Sampled :
MDL07 0.5PPB

Tot Ion: 59 Resp: 1706
Ion Ratio Lower Upper
59 100
57 12.1 8.4 12.6

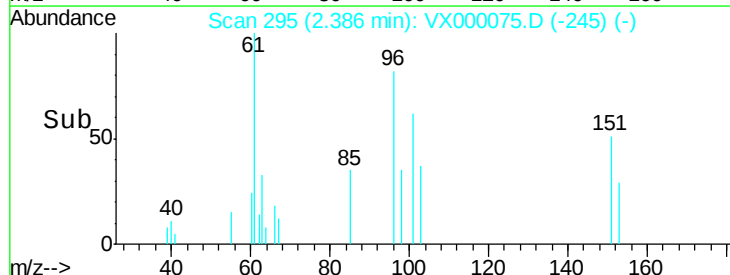
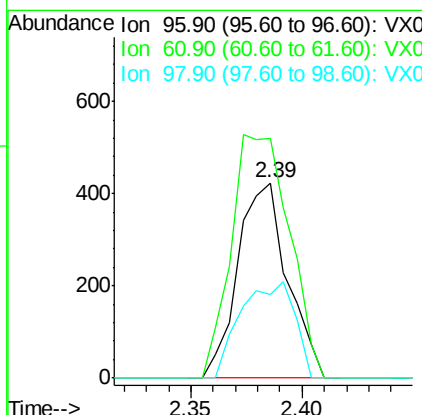
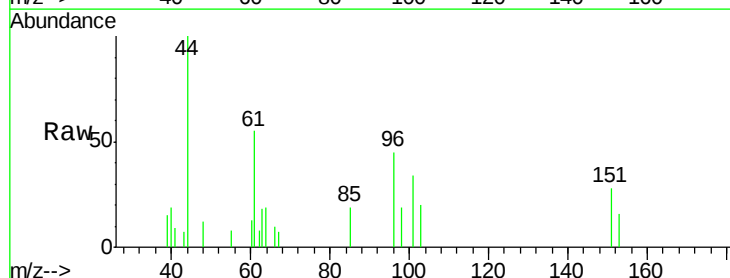
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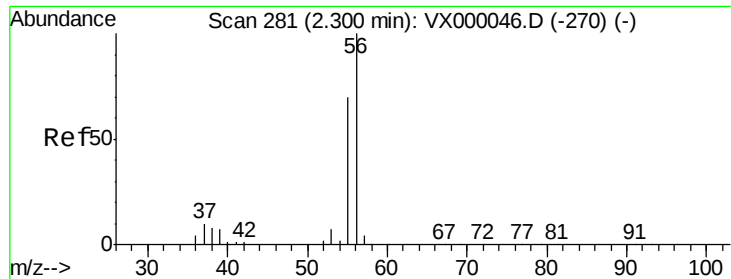
MMDadoda
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#12
1,1-Dichloroethene
Concen: 0.60 ug/l
RT: 2.39 min Scan# 295
Delta R.T. 0.01 min
Lab File: VX000075.D
Acq: 13 Feb 2018 14:29

Tgt Ion: 96 Resp: 656
Ion Ratio Lower Upper
96 100
61 122.7 120.3 180.5
98 42.6 51.0 76.4#





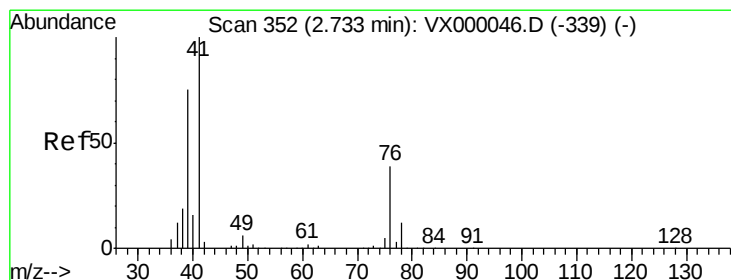
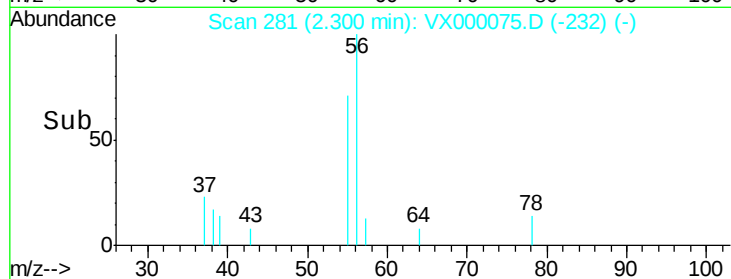
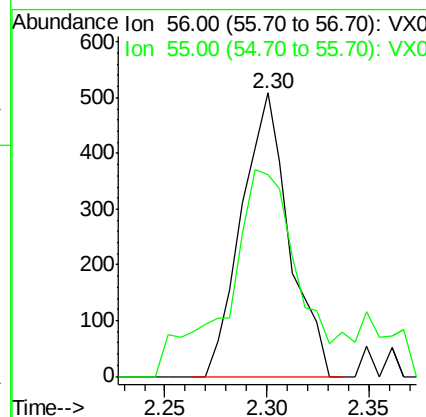
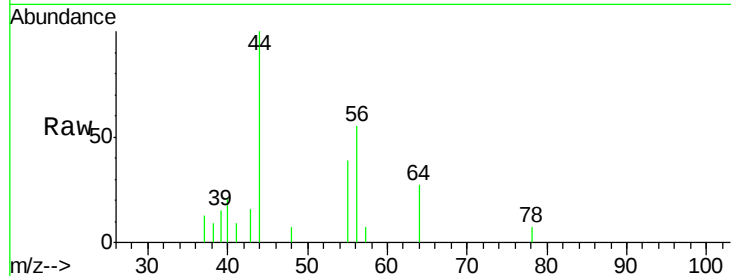
#13
Acrolein
Concen: 3.42 ug/l
RT: 2.30 min Scan# 281
Delta R.T. -0.00 min
Lab File: VX000075.D
Acq: 13 Feb 2018 14:29

Instrument :
ClientSampled :
MDL07 0.5PPB

Tot Ion	Ratio	Lower	Upper
56	100		
55	111.0	56.4	84.6#

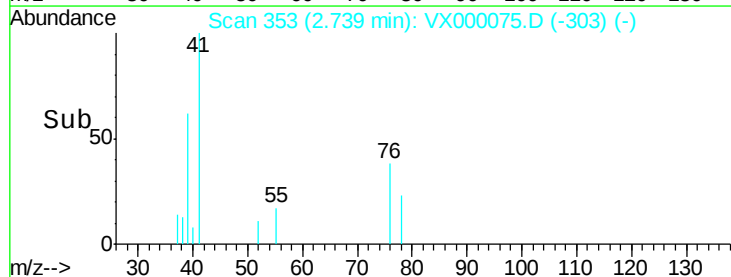
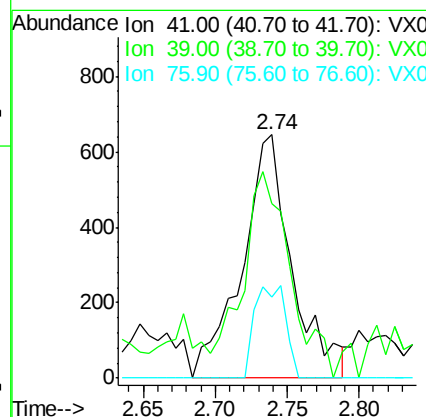
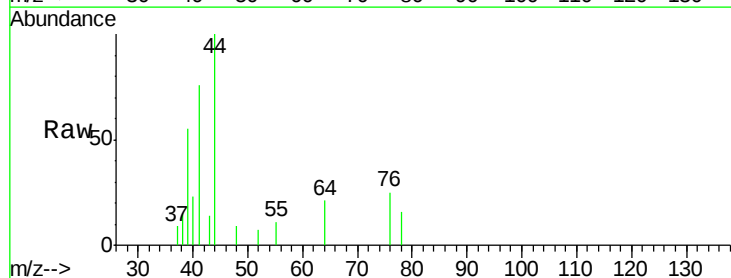
Manual Integrations
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#14
Allyl chloride
Concen: 0.82 ug/l
RT: 2.74 min Scan# 353
Delta R.T. 0.01 min
Lab File: VX000075.D
Acq: 13 Feb 2018 14:29

Tgt Ion	Ratio	Lower	Upper
41	100		
39	80.7	55.8	83.6
76	23.2	28.7	43.1#





#15

Acrylonitrile

Concen: 3.09 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX000075.D

Acq: 13 Feb 2018 14:29

Instrument :

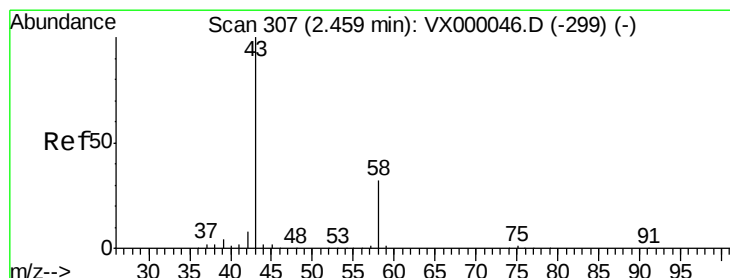
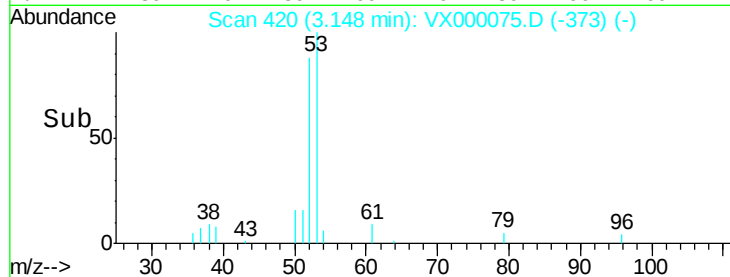
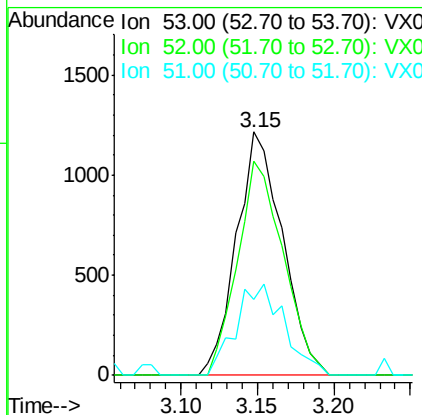
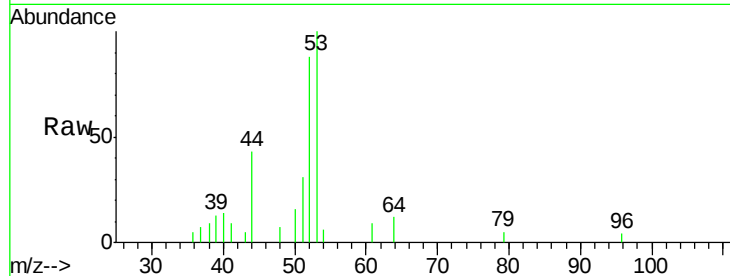
ClientSampled :

MDL07 0.5PPB

Tot Ion:	53	Resp:	2533
Ion	Ratio	Lower	Upper
53	100		
52	87.9	66.5	99.7
51	39.8	29.1	43.7

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#16

Acetone

Concen: 3.75 ug/l

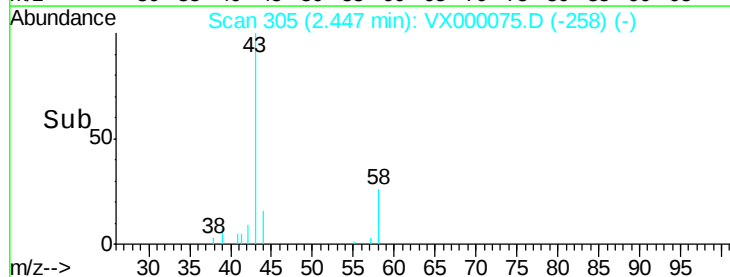
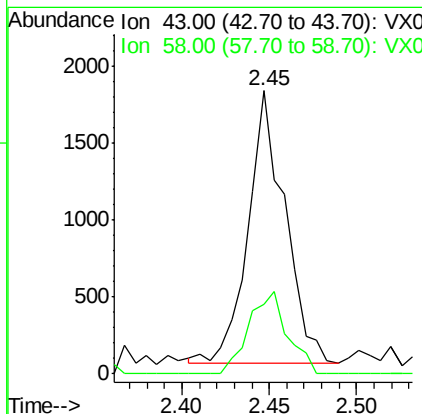
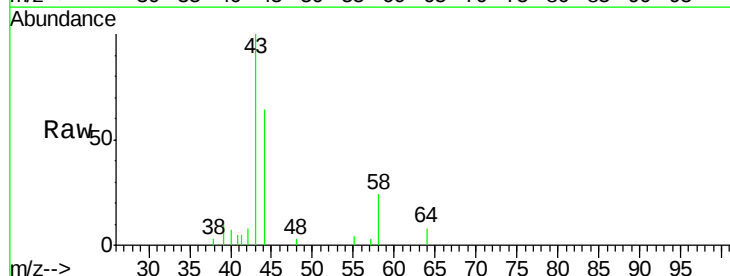
RT: 2.45 min Scan# 305

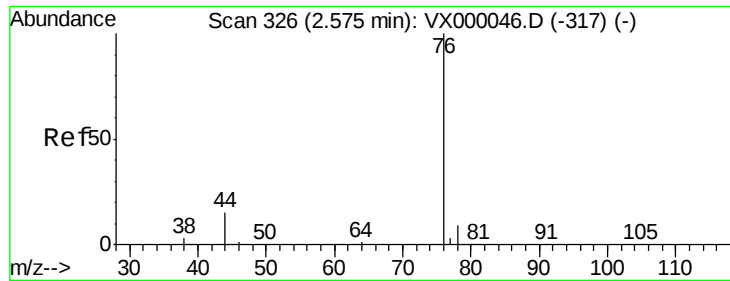
Delta R.T. -0.01 min

Lab File: VX000075.D

Acq: 13 Feb 2018 14:29

Tgt Ion:	43	Resp:	2611
Ion	Ratio	Lower	Upper
43	100		
58	25.4	25.9	38.9#





#17

Carbon Disulfide

Concen: 0.69 ug/l

RT: 2.58 min Scan# 327

Delta R.T. 0.01 min

Lab File: VX000075.D

Acq: 13 Feb 2018 14:29

Instrument :

ClientSampleId :

MDL07 0.5PPB

Tot Ion: 76 Resp: 2207

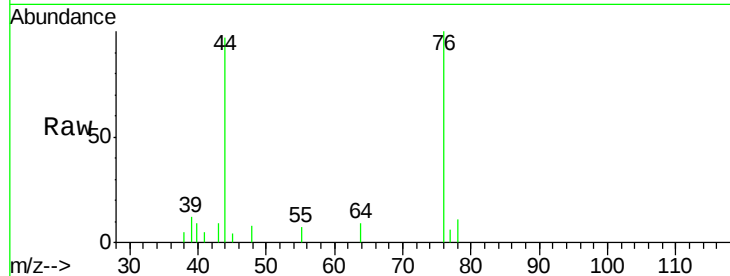
Ion Ratio Lower Upper

76 100

78 10.7 7.5 11.3

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

1500

1000

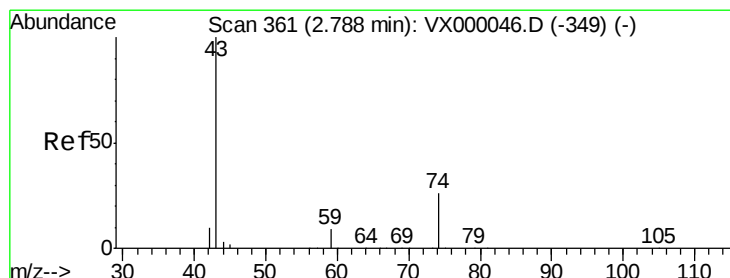
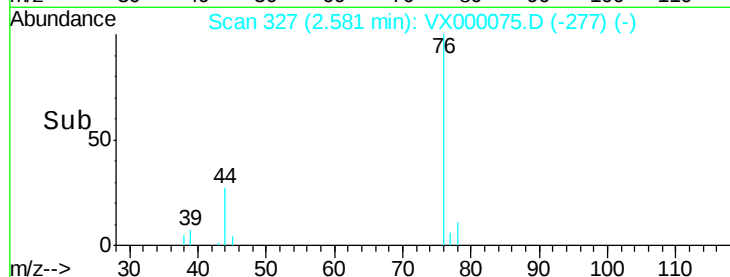
500

0

2.55

2.60

Time-->



#18

Methyl Acetate

Concen: 0.98 ug/l

RT: 2.78 min Scan# 359

Delta R.T. -0.01 min

Lab File: VX000075.D

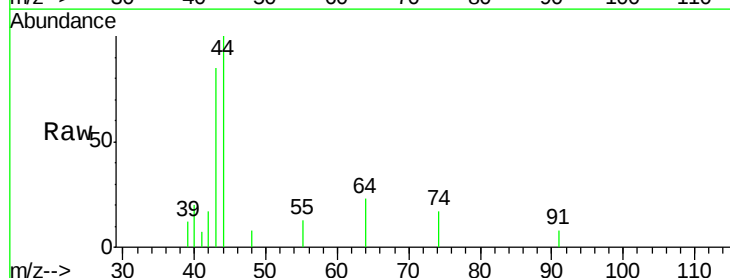
Acq: 13 Feb 2018 14:29

Tgt Ion: 43 Resp: 1717

Ion Ratio Lower Upper

43 100

74 14.8 20.2 30.4#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

800

600

400

200

0

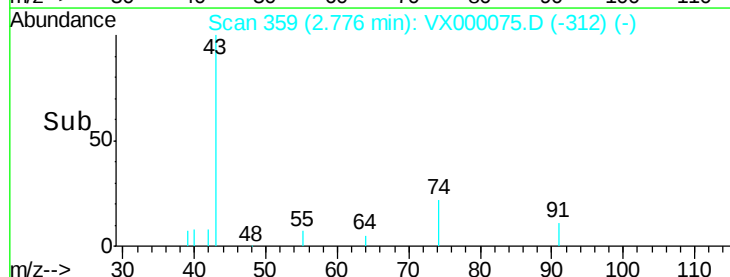
2.70

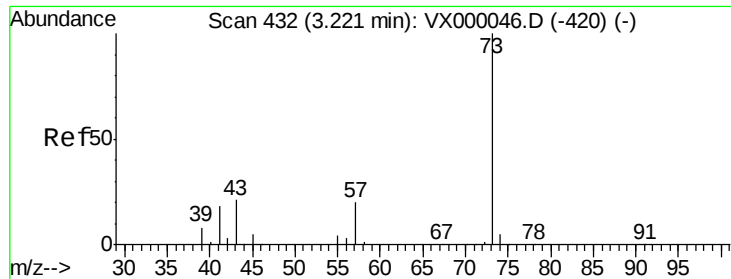
2.75

2.80

2.85

Time-->





#19

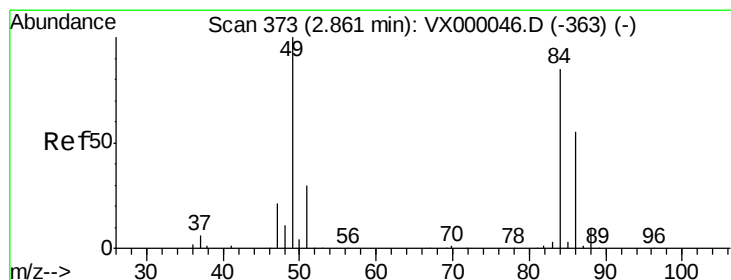
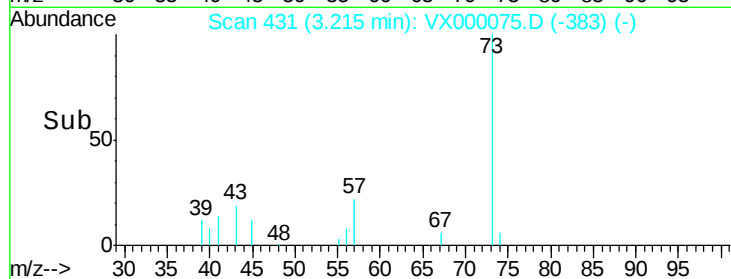
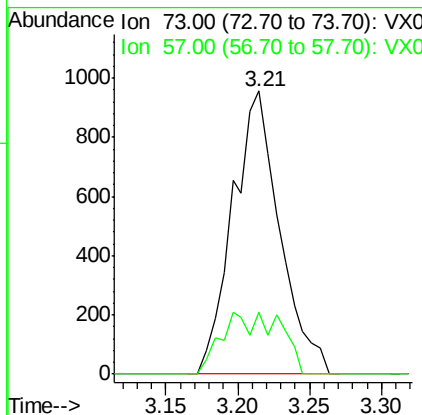
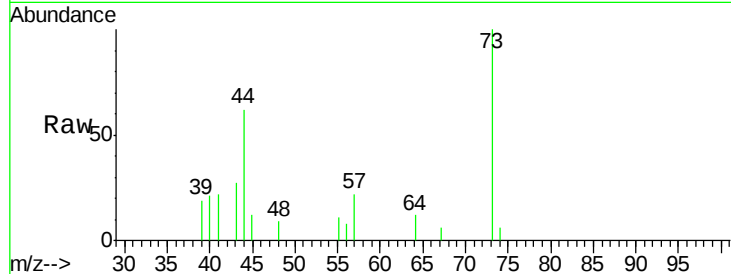
Methyl tert-butyl Ether
 Concen: 0.58 ug/l
 RT: 3.21 min Scan# 431
 Delta R.T. -0.01 min
 Lab File: VX000075.D
 Acq: 13 Feb 2018 14:29

Instrument :
 Client Sampled :
 MDL07 0.5PPB

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.1	16.2	24.4

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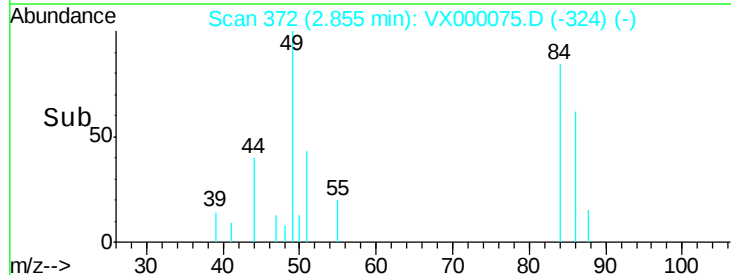
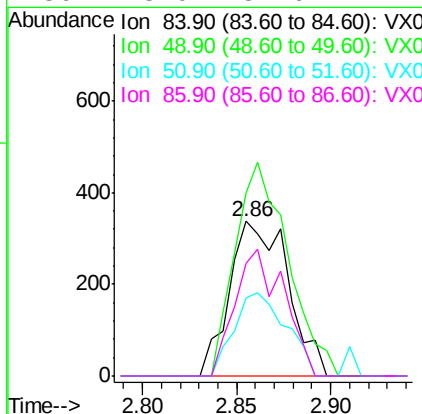
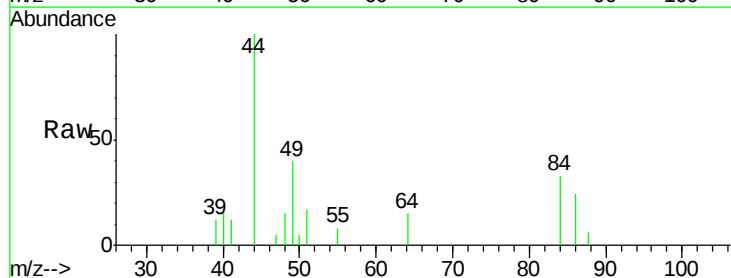
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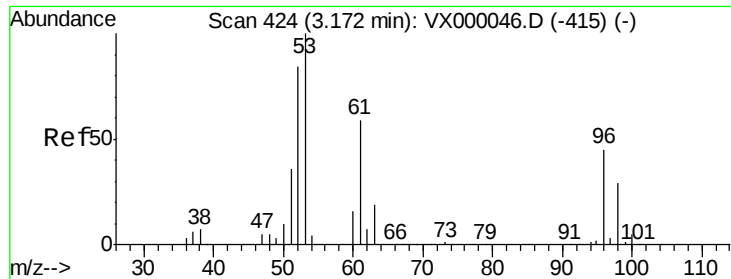


#20

Methylene Chloride
 Concen: 0.62 ug/l
 RT: 2.86 min Scan# 372
 Delta R.T. -0.01 min
 Lab File: VX000075.D
 Acq: 13 Feb 2018 14:29

Tgt Ion	Ratio	Lower	Upper
84	100		
49	118.4	94.4	141.6
51	50.7	28.3	42.5
86	73.0	51.6	77.4





#21

trans-1,2-Dichloroethene

Concen: 0.64 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000075.D

Acq: 13 Feb 2018 14:29

Instrument :

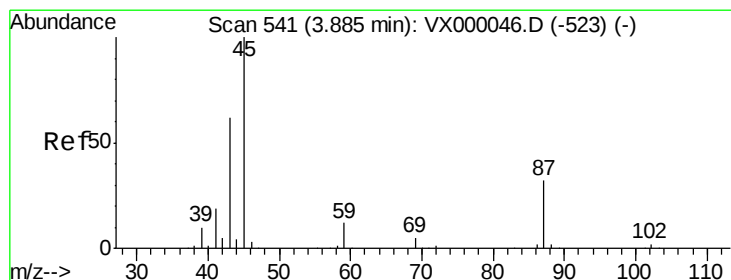
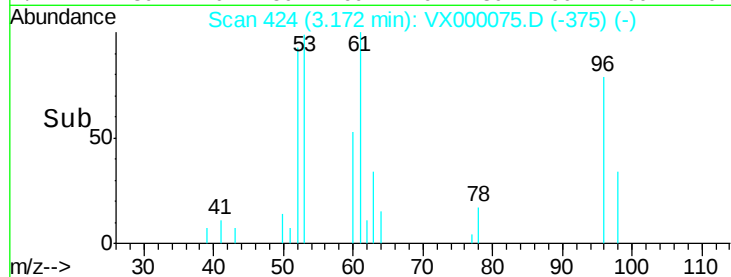
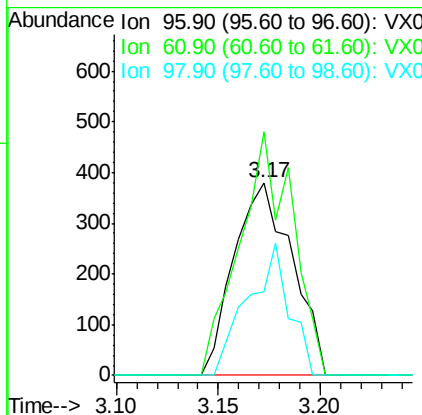
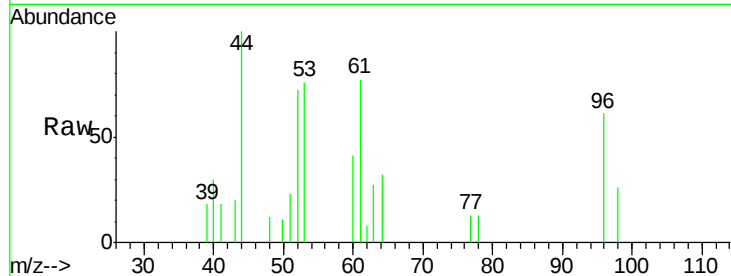
ClientSampled :

MDL07 0.5PPB

Tot Ion:	96	Resp:	753
Ion	Ratio	Lower	Upper
96	100		
61	126.3	104.9	157.3
98	43.2	52.4	78.6#

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#22

Diisopropyl ether

Concen: 0.72 ug/l

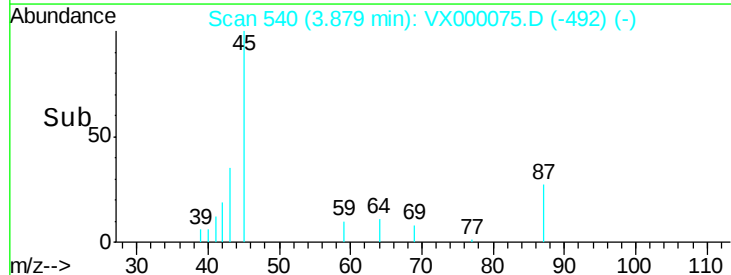
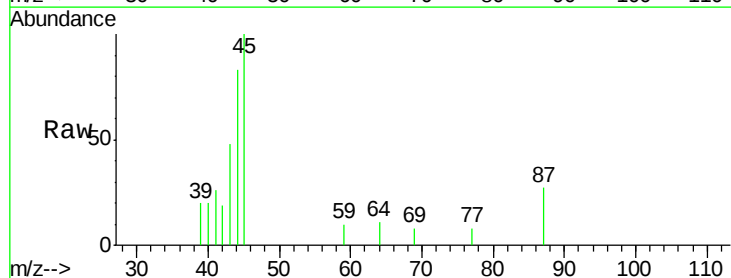
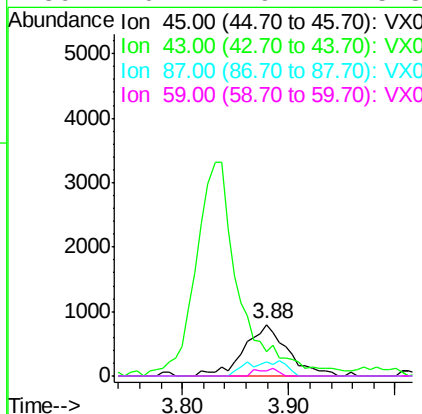
RT: 3.88 min Scan# 540

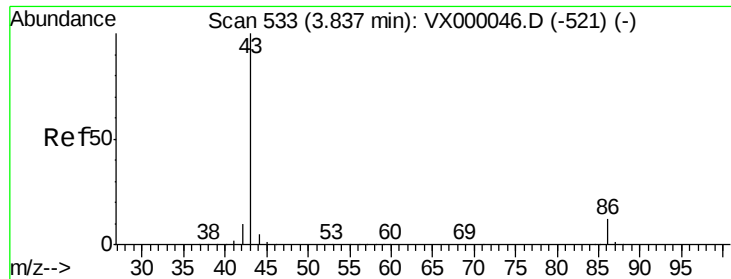
Delta R.T. -0.01 min

Lab File: VX000075.D

Acq: 13 Feb 2018 14:29

Tgt Ion:	45	Resp:	2274
Ion	Ratio	Lower	Upper
45	100		
43	35.5	49.6	74.4#
87	27.2	25.9	38.9
59	10.1	9.2	13.8





#23

Vinyl Acetate

Concen: 3.31 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.01 min

Lab File: VX000075.D

Acq: 13 Feb 2018 14:29

Instrument :

ClientSampled :

MDL07 0.5PPB

Tot Ion: 43 Resp: 9387

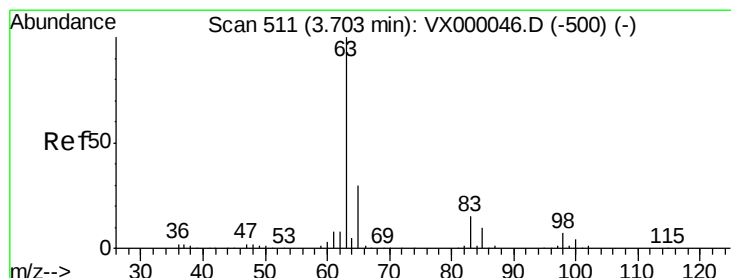
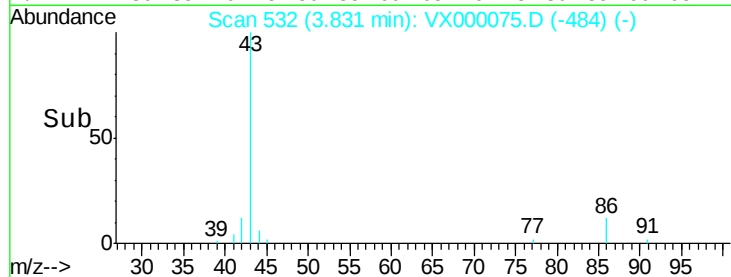
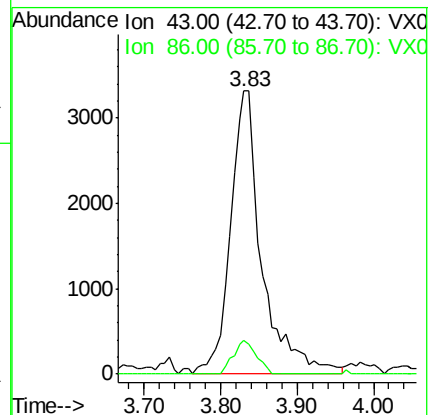
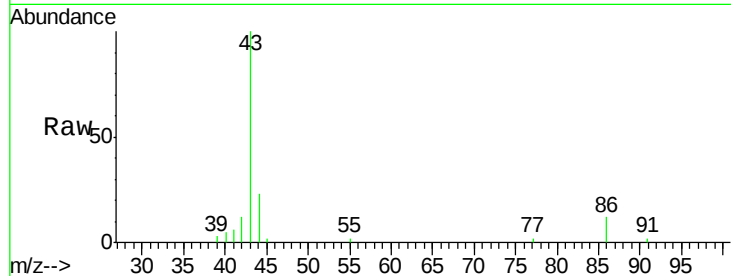
Ion Ratio Lower Upper

43 100

86 11.9 9.3 13.9

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#24

1,1-Dichloroethane

Concen: 0.61 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.01 min

Lab File: VX000075.D

Acq: 13 Feb 2018 14:29

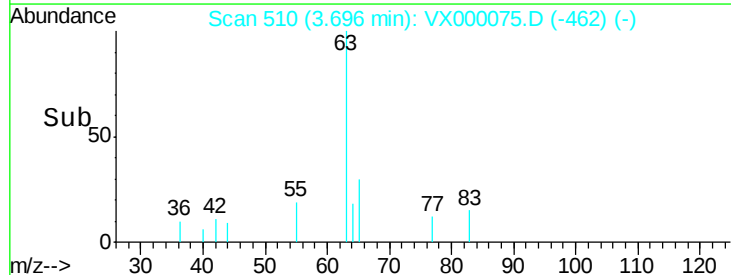
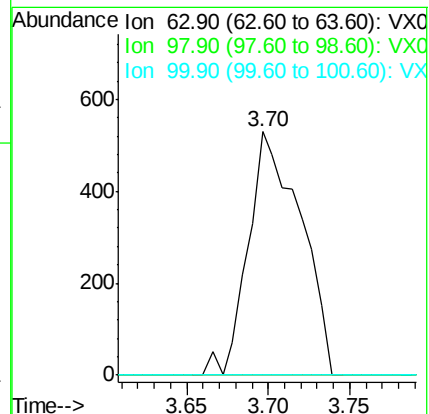
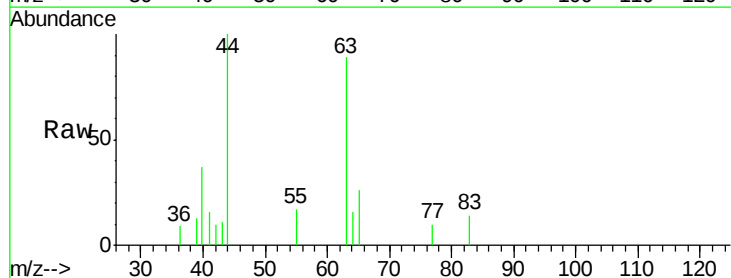
Tgt Ion: 63 Resp: 1192

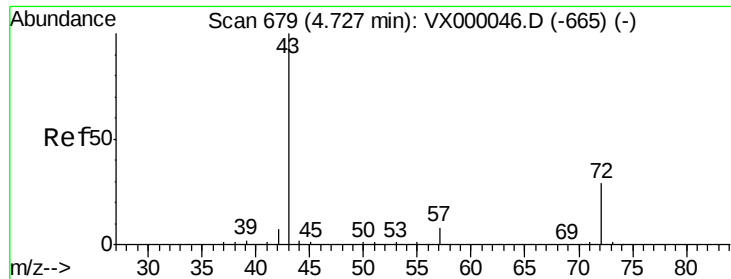
Ion Ratio Lower Upper

63 100

98 0.0 3.3 9.9#

100 0.0 2.1 6.2#





#25

2-Butanone

Concen: 3.48 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.01 min

Lab File: VX000075.D

Acq: 13 Feb 2018 14:29

Instrument :

ClientSampled :

MDL07 0.5PPB

Tot Ion: 43 Resp: 3654

Ion Ratio Lower Upper

43 100

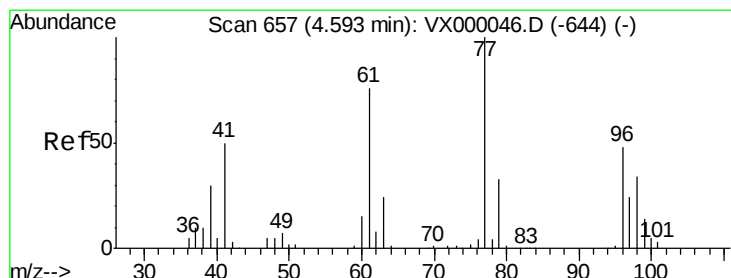
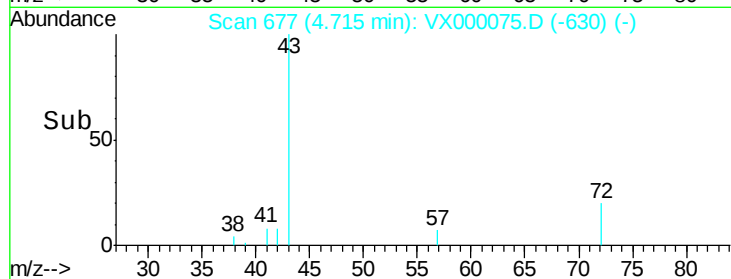
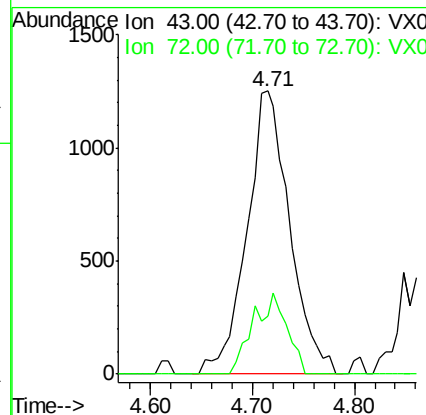
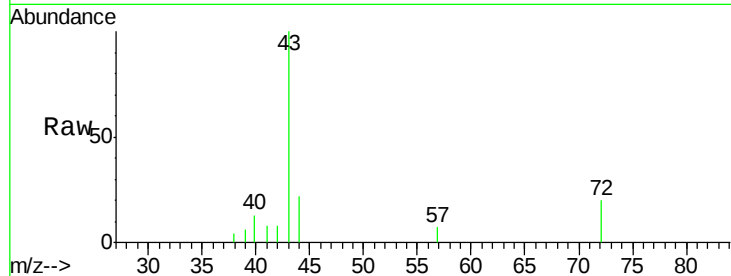
72 20.4 23.0 34.6#

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 0.59 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.01 min

Lab File: VX000075.D

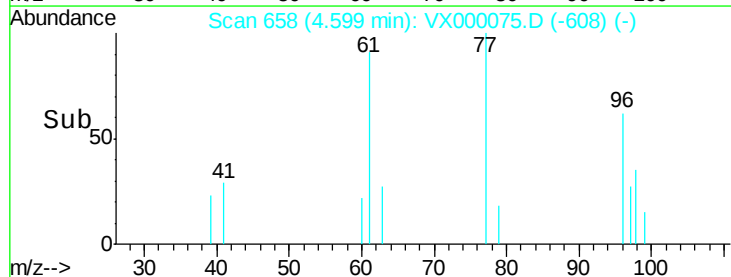
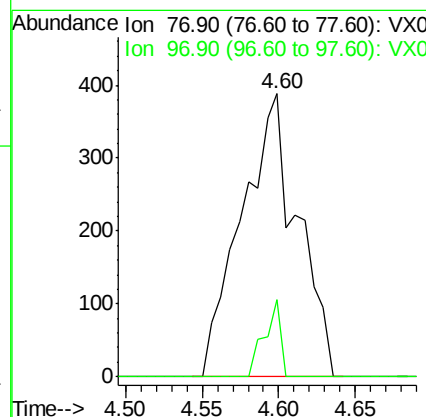
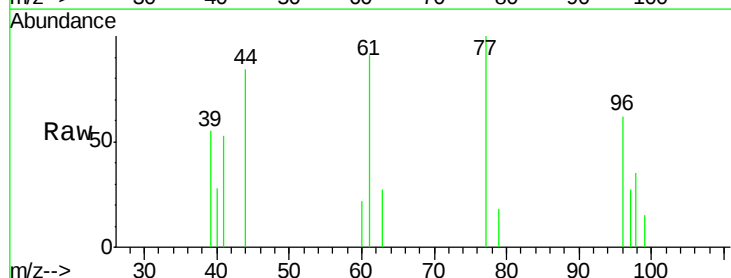
Acq: 13 Feb 2018 14:29

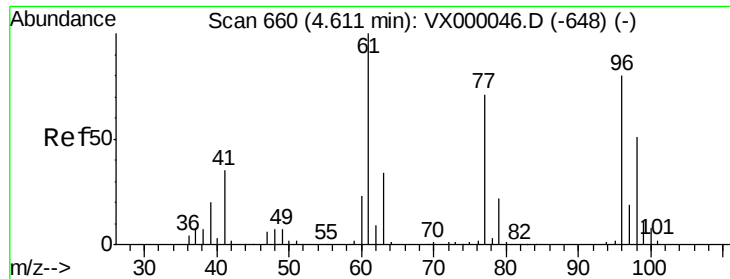
Tgt Ion: 77 Resp: 987

Ion Ratio Lower Upper

77 100

97 7.8 11.8 35.4#





#27

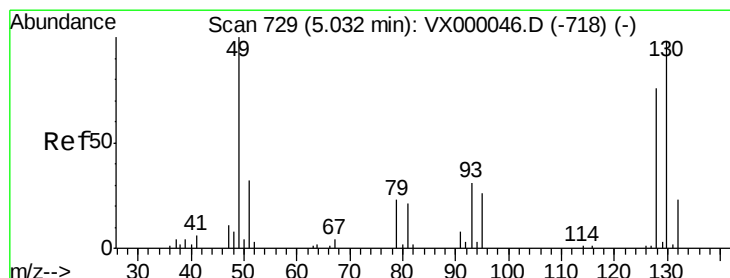
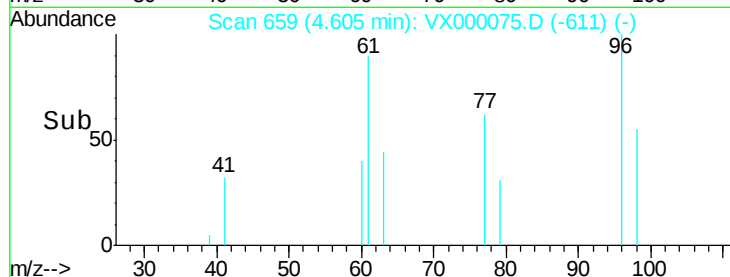
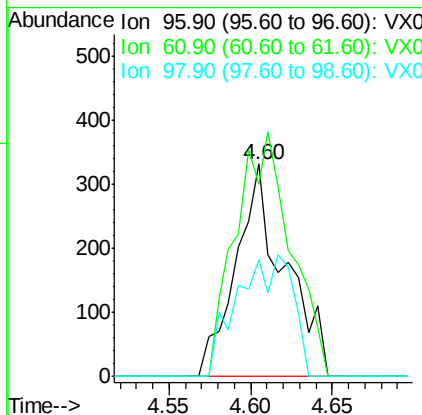
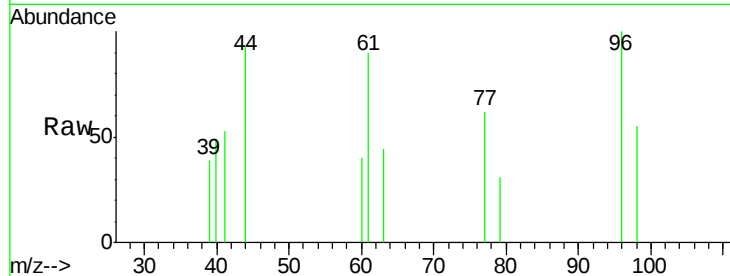
cis-1,2-Dichloroethene
Concen: 0.60 ug/l
RT: 4.60 min Scan# 659
Delta R.T. -0.01 min
Lab File: VX000075.D
Acq: 13 Feb 2018 14:29

Instrument :
ClientSampled :
MDL07 0.5PPB

Tot Ion	Ratio	Lower	Upper
96	100		
61	130.3	0.0	274.4
98	64.6	0.0	132.4

Manual Integrations
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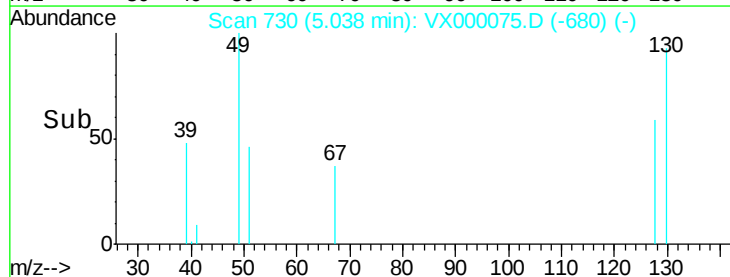
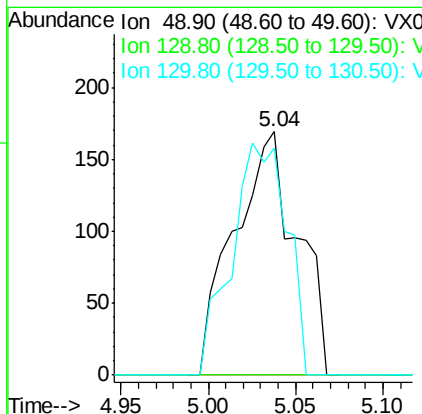
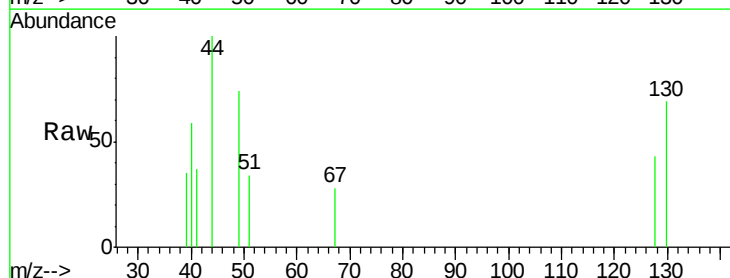
MMDadoda
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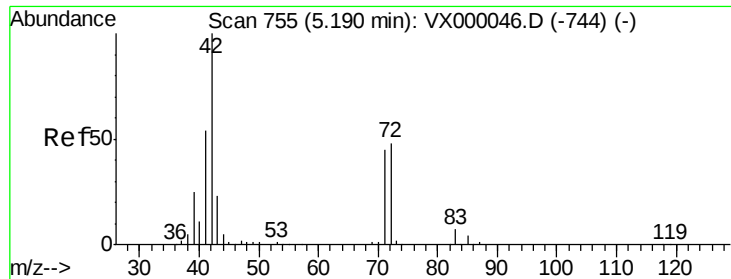


#28

Bromochloromethane
Concen: 0.66 ug/l
RT: 5.04 min Scan# 730
Delta R.T. 0.01 min
Lab File: VX000075.D
Acq: 13 Feb 2018 14:29

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	5.0
130	83.8	75.6	113.4





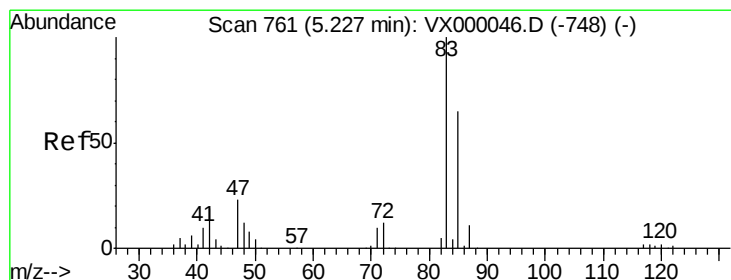
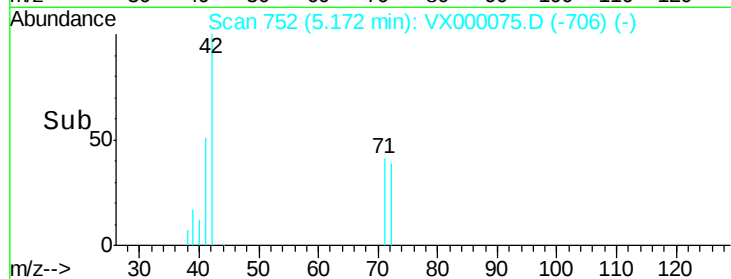
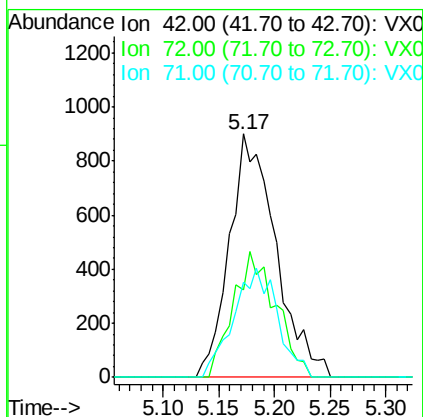
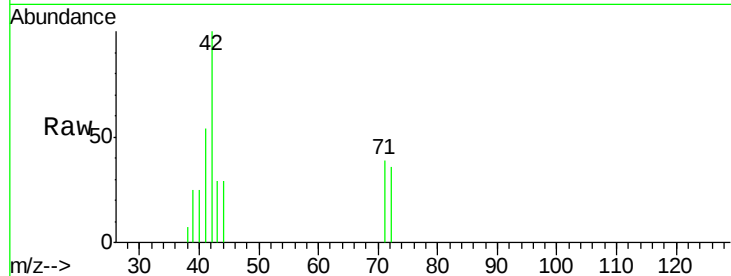
#29
Tetrahydrofuran
Concen: 3.62 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.02 min
Lab File: VX000075.D
Acq: 13 Feb 2018 14:29

Instrument :
Client Sampled :
MDL07 0.5PPB

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.2	39.0	58.6
71	42.6	36.7	55.1

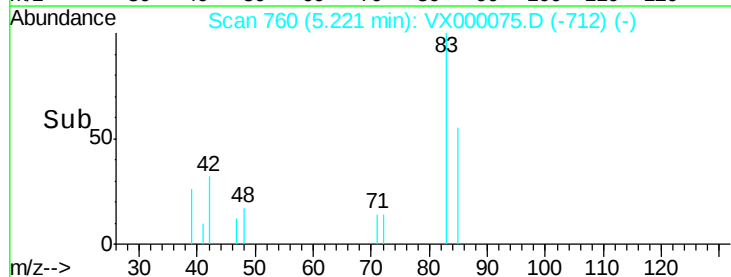
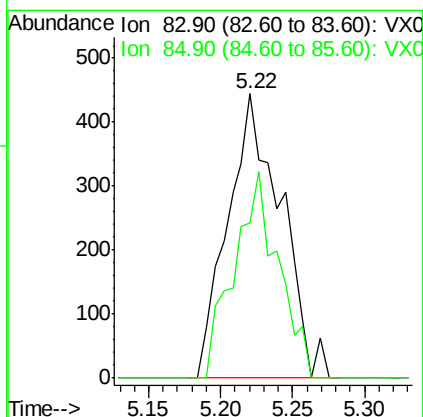
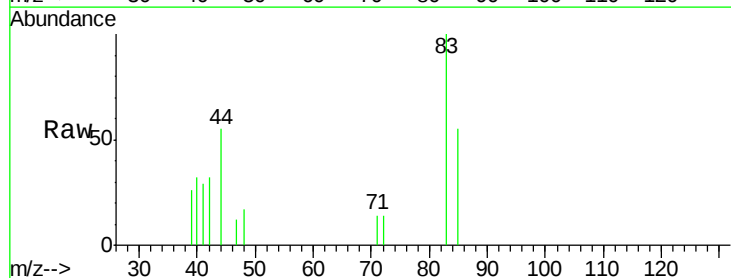
Manual Integrations
APPROVED

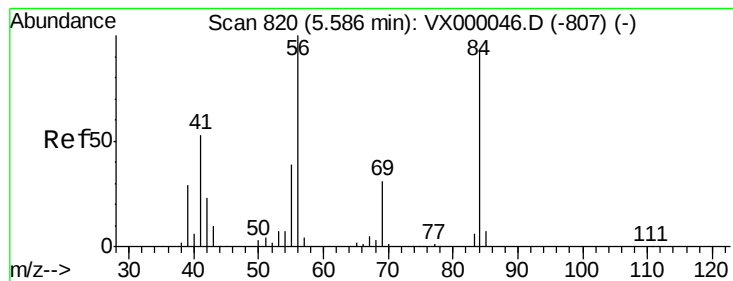
MMDadoda
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#30
Chloroform
Concen: 0.58 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.01 min
Lab File: VX000075.D
Acq: 13 Feb 2018 14:29

Tgt Ion	Ratio	Lower	Upper
83	100		
85	54.5	51.9	77.9





#31

Cyclohexane

Concen: 0.57 ug/l m

RT: 5.58 min Scan# 819

Delta R.T. -0.01 min

Lab File: VX000075.D

Acq: 13 Feb 2018 14:29

Instrument :

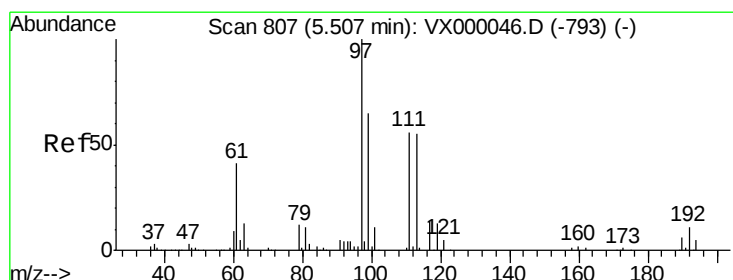
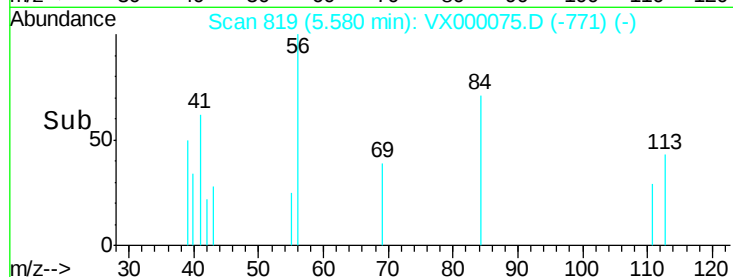
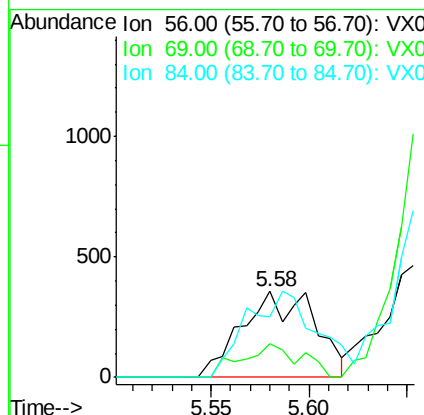
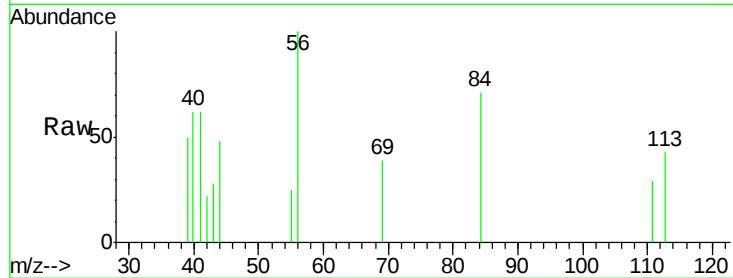
ClientSampled :

MDL07 0.5PPB

Tot Ion:	56	Resp:	918
Ion	Ratio	Lower	Upper
56	100		
69	39.5	24.5	36.7#
84	70.9	74.8	112.2#

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 0.60 ug/l

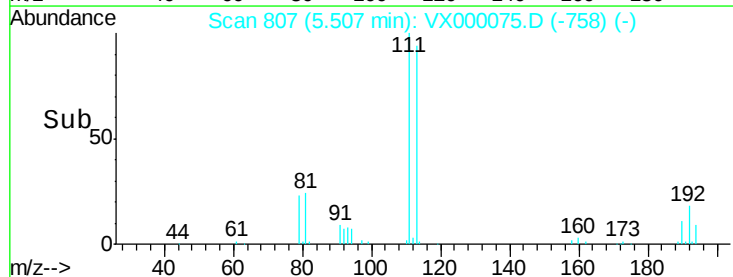
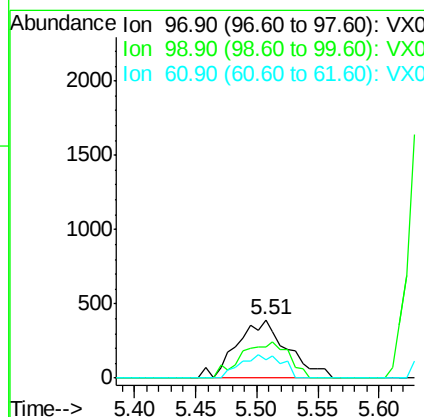
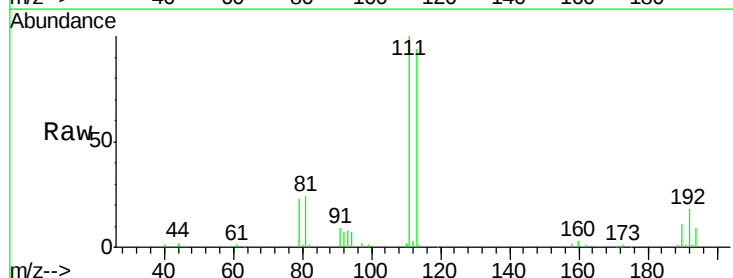
RT: 5.51 min Scan# 807

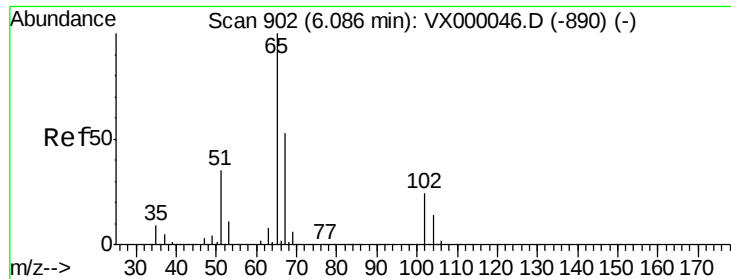
Delta R.T. -0.00 min

Lab File: VX000075.D

Acq: 13 Feb 2018 14:29

Tgt Ion:	97	Resp:	1116
Ion	Ratio	Lower	Upper
97	100		
99	0.0	50.8	76.2#
61	33.2	32.1	48.1





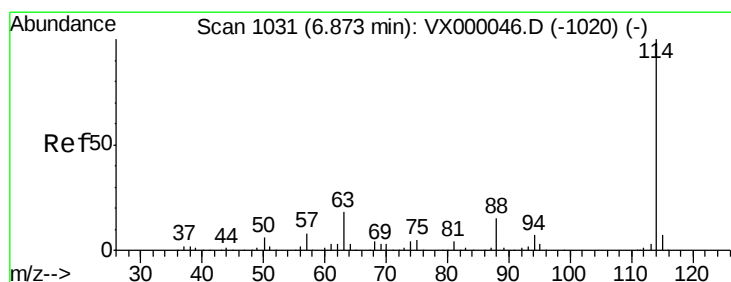
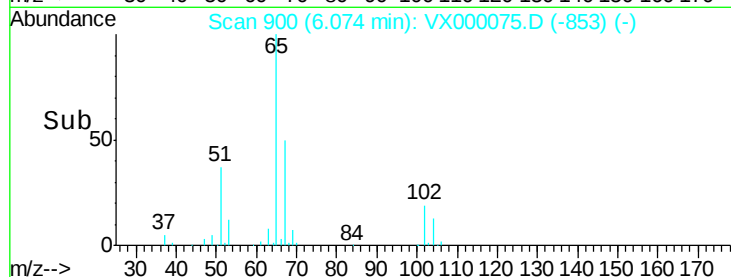
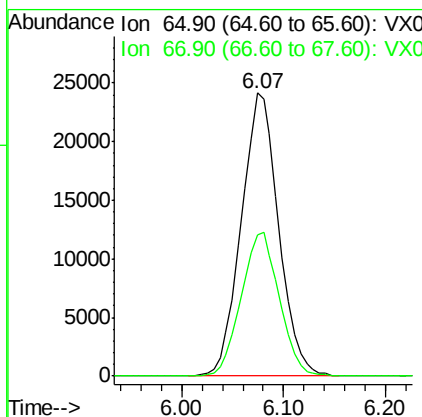
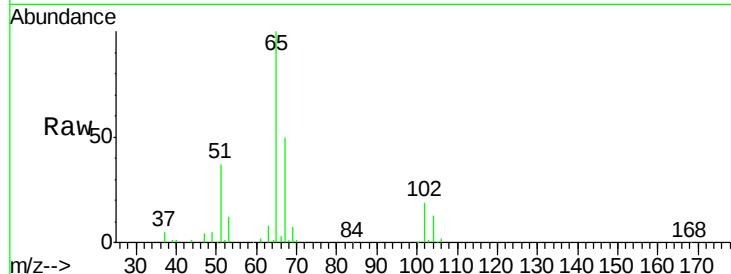
#33
 1,2-Dichloroethane-d4
 Concen: 52.30 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: VX000075.D
 Acq: 13 Feb 2018 14:29

Instrument :
 ClientSampled :
 MDL07 0.5PPB

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	106.0

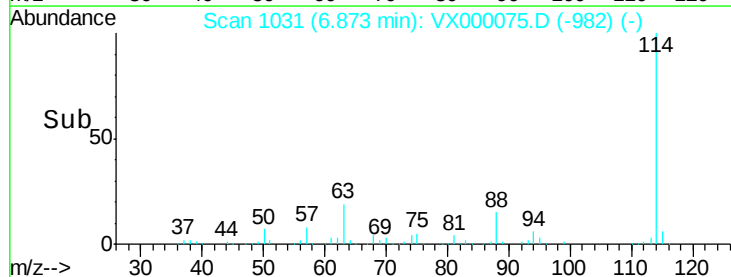
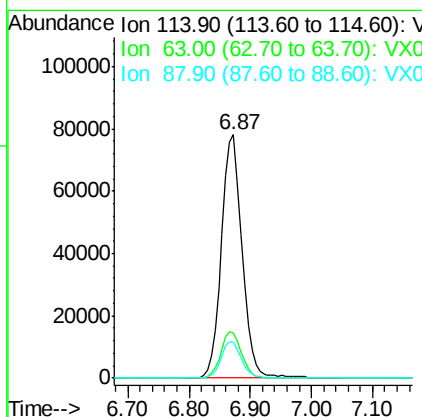
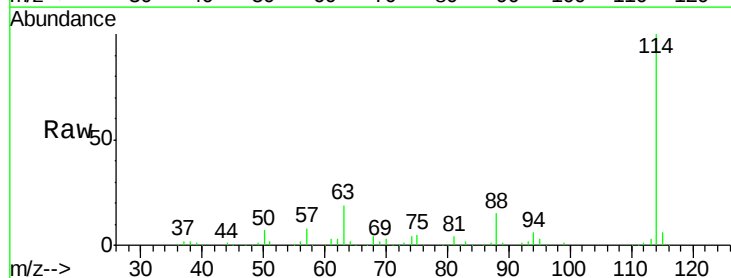
Manual Integrations
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 2/16/2018 2:27:59 PM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000075.D
 Acq: 13 Feb 2018 14:29

Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.7	0.0	36.0
88	15.0	0.0	30.4





#35

Dibromofluoromethane

Concen: 46.97 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.01 min

Lab File: VX000075.D

Acq: 13 Feb 2018 14:29

Instrument :

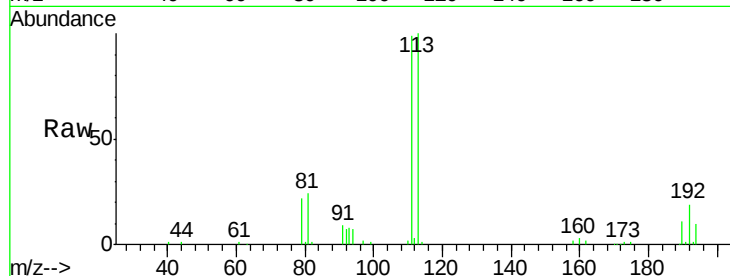
ClientSampleId :

MDL07 0.5PPB

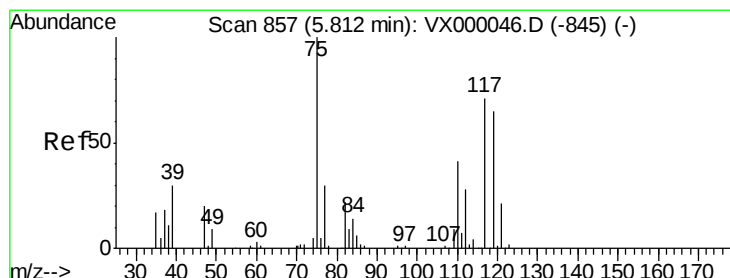
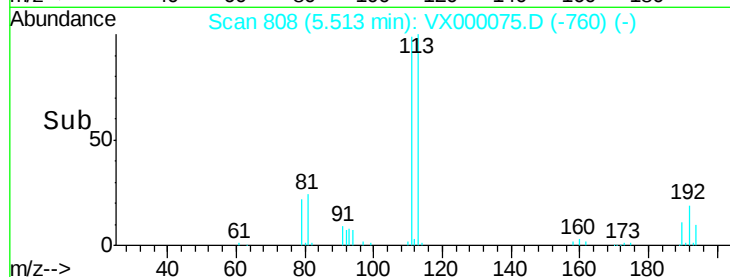
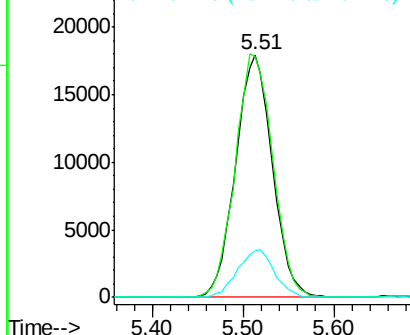
Tot Ion:	113	Resp:	50364
Ion Ratio	Lower	Upper	
113	100		
111	102.9	80.5	120.7
192	19.8	16.9	25.3

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Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 0.58 ug/l

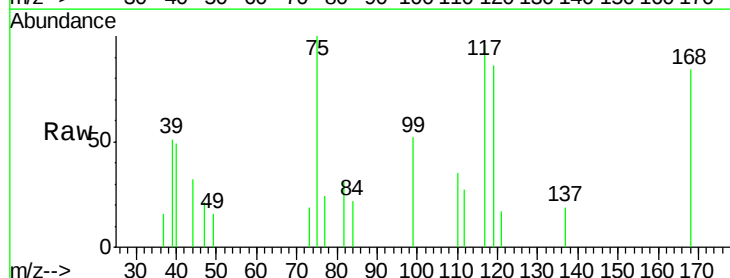
RT: 5.81 min Scan# 856

Delta R.T. -0.01 min

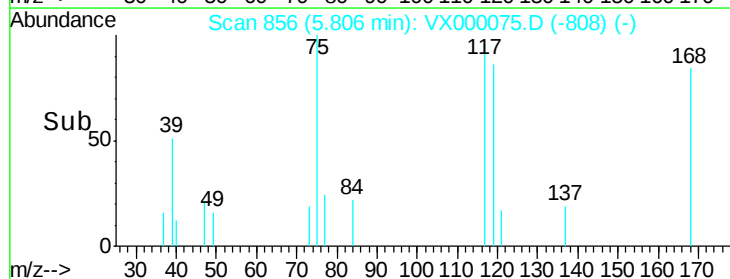
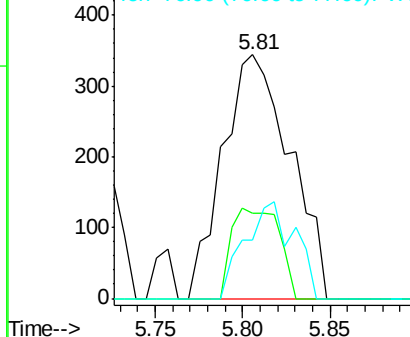
Lab File: VX000075.D

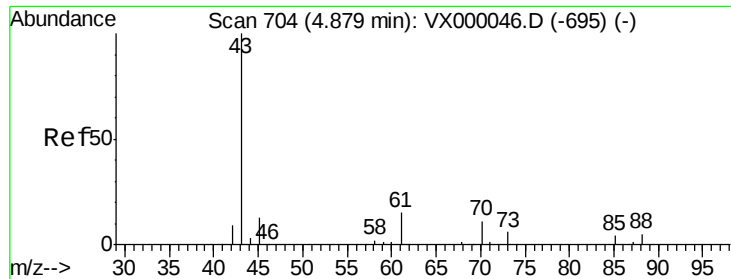
Acq: 13 Feb 2018 14:29

Tgt Ion:	75	Resp:	923
Ion Ratio	Lower	Upper	
75	100		
110	26.0	19.4	58.4
77	28.9	24.2	36.4



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VX0





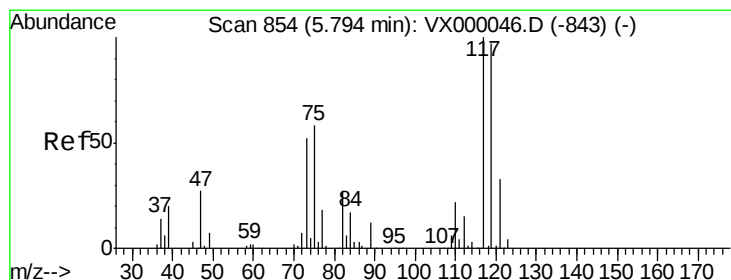
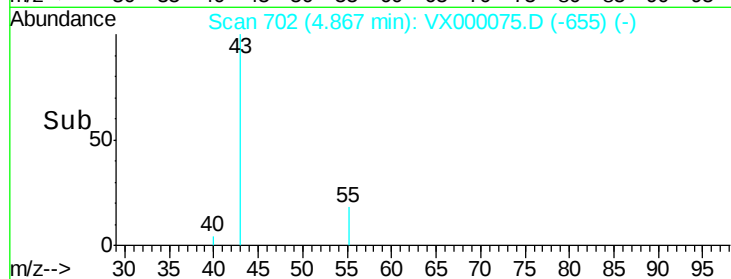
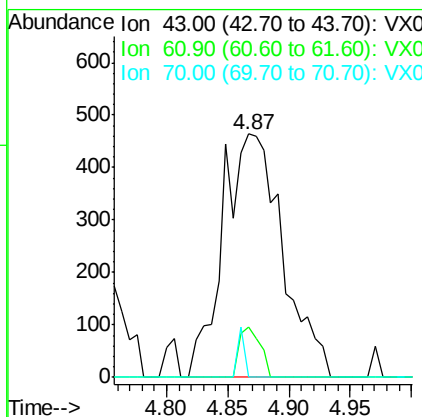
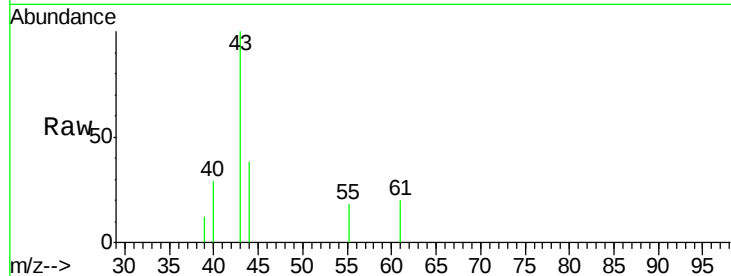
#37
Ethyl Acetate
Concen: 0.77 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX000075.D
Acq: 13 Feb 2018 14:29

Instrument :
Client Sampled :
MDL07 0.5PPB

Tot Ion	Ratio	Lower	Upper
43	100		
61	7.1	11.4	17.2#
70	2.2	9.0	13.6#

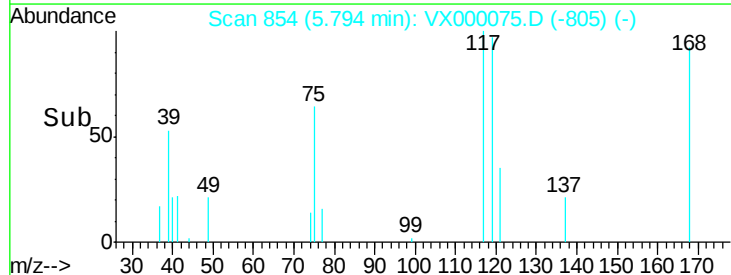
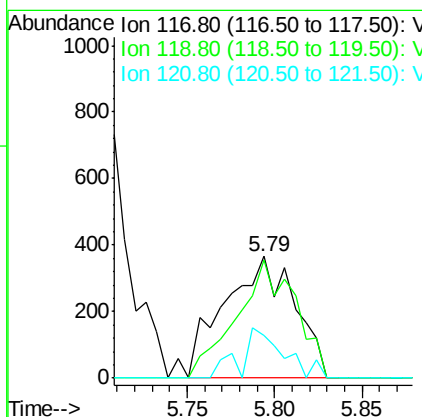
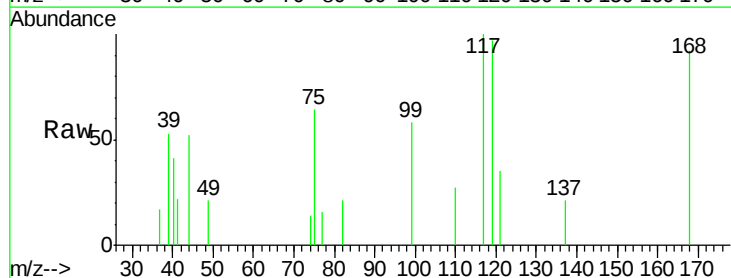
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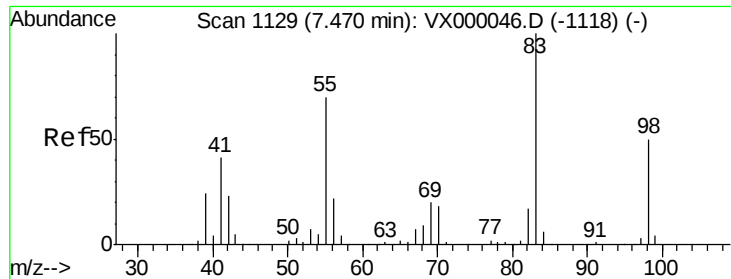
MMDadoda
2/16/2018 2:27:59 PM



#38
Carbon Tetrachloride
Concen: 0.57 ug/l
RT: 5.79 min Scan# 854
Delta R.T. -0.00 min
Lab File: VX000075.D
Acq: 13 Feb 2018 14:29

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.0	76.9	115.3
121	34.8	25.8	38.8





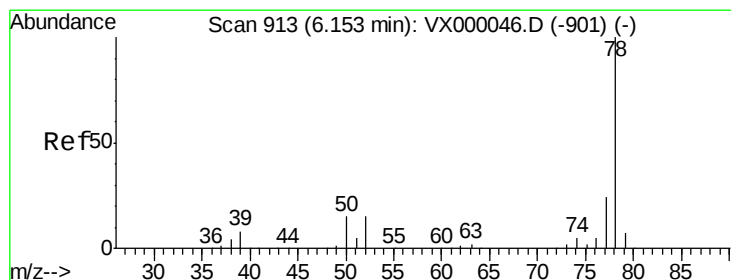
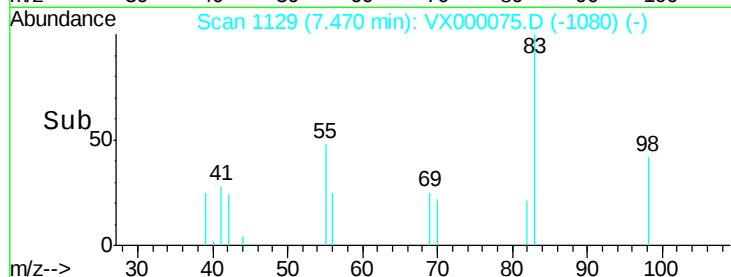
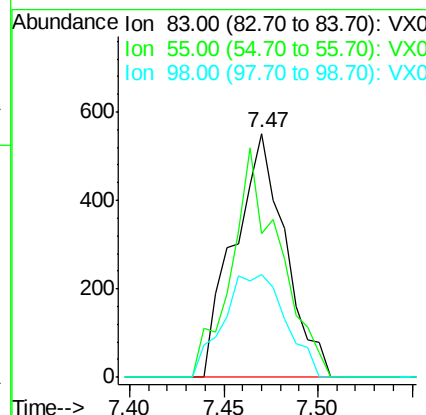
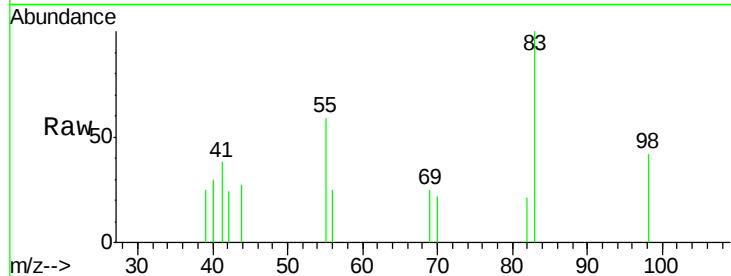
#39
Methvlcvclohexane
Concen: 0.53 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000075.D
Acq: 13 Feb 2018 14:29

Instrument :
ClientSampled :
MDL07 0.5PPB

Tot Ion	Ratio	Lower	Upper
83	100		
55	59.2	55.7	83.5
98	42.1	39.7	59.5

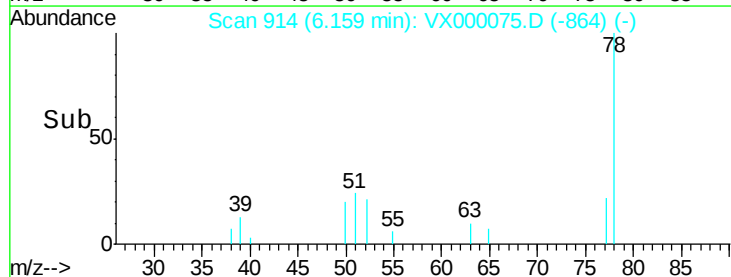
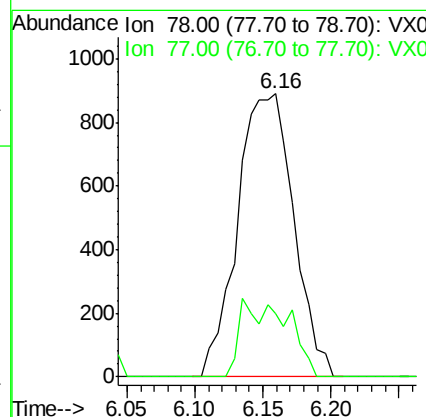
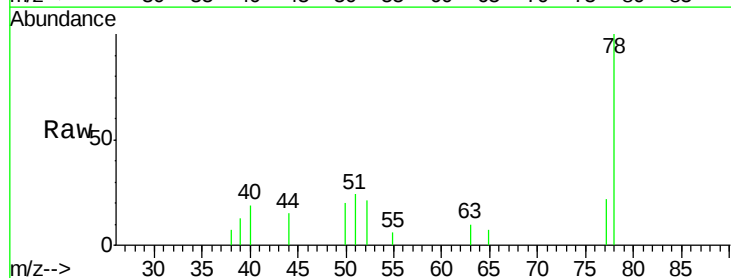
Manual Integrations
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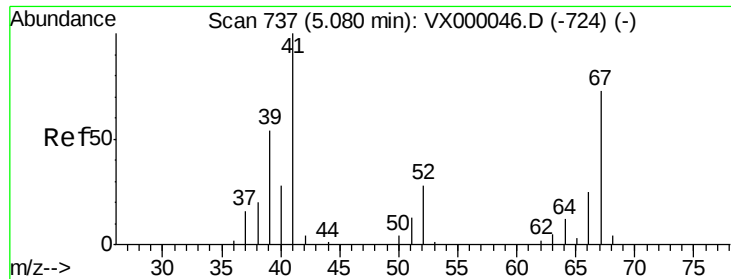
MMDadoda
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#40
Benzene
Concen: 0.57 ug/l
RT: 6.16 min Scan# 914
Delta R.T. 0.01 min
Lab File: VX000075.D
Acq: 13 Feb 2018 14:29

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.4	19.4	29.2





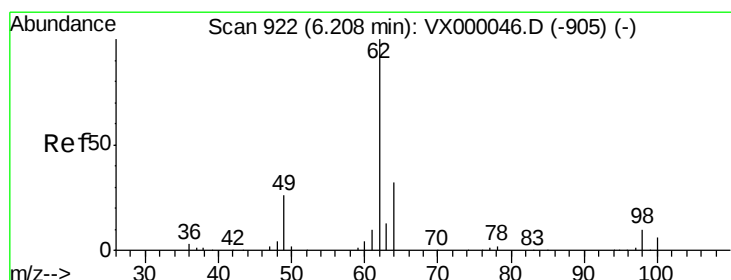
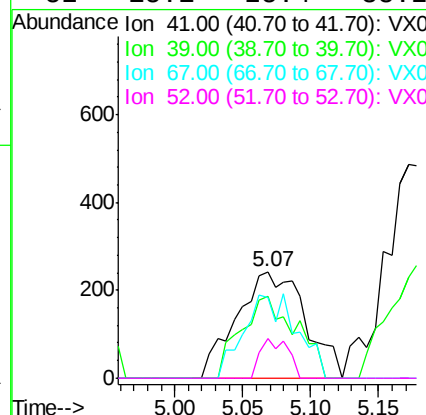
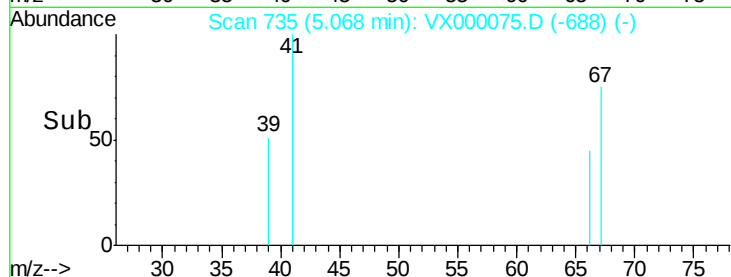
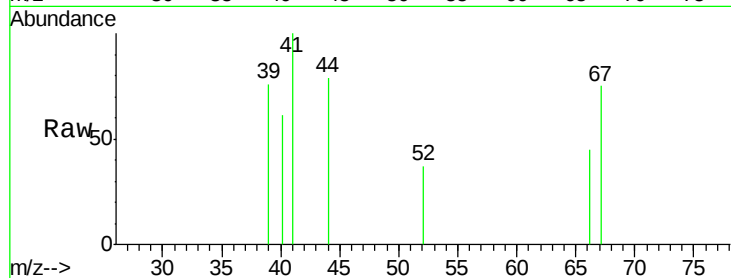
#41
Methacrylonitrile
Concen: 0.80 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX000075.D
Acq: 13 Feb 2018 14:29

Instrument :
ClientSampled :
MDL07 0.5PPB

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	61.6	45.8	68.8	
67	60.4	60.6	91.0	#
52	15.1	25.4	38.2	#

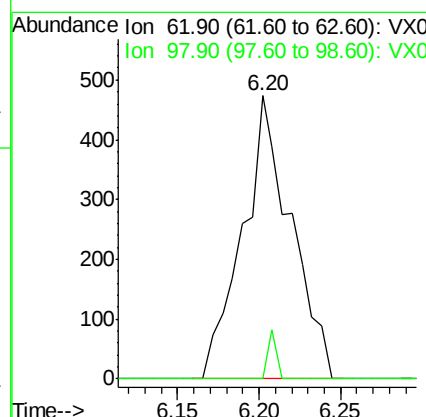
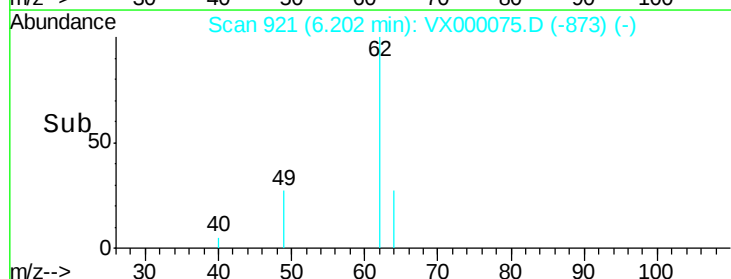
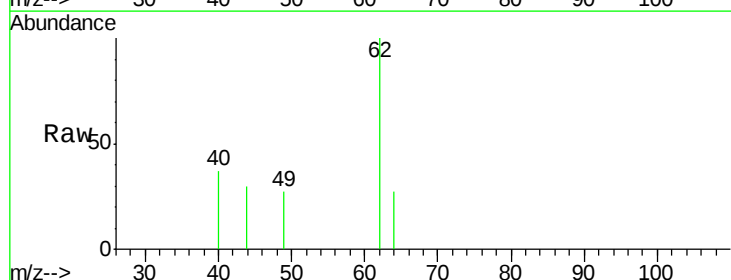
Manual Integrations
APPROVED

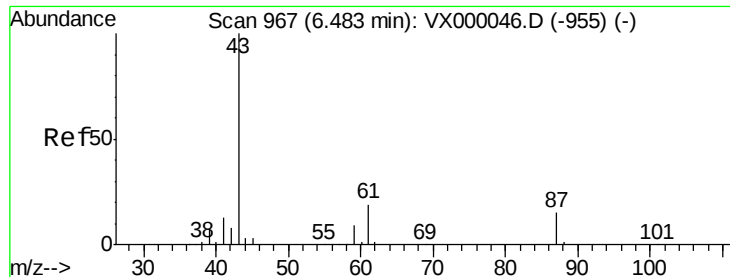
MMDadoda
2/16/2018 2:27:59 PM



#42
1,2-Dichloroethane
Concen: 0.61 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: VX000075.D
Acq: 13 Feb 2018 14:29

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	3.1	0.0	18.6	





#43

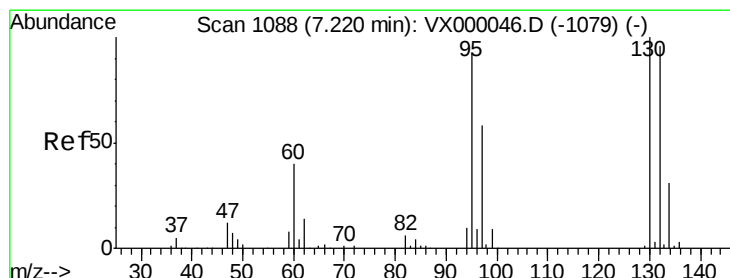
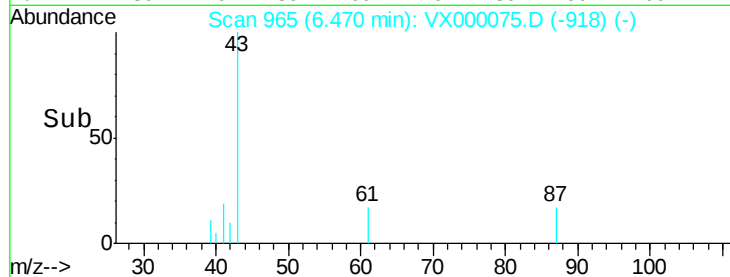
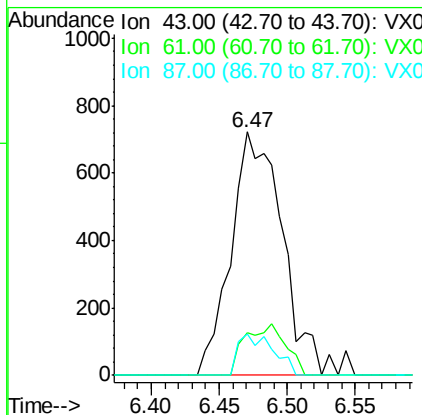
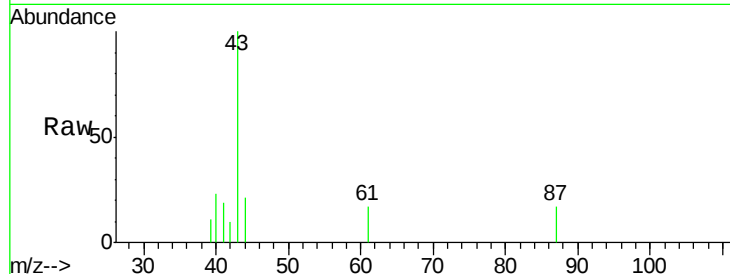
Isopropyl Acetate
 Concen: 0.61 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: VX000075.D
 Acq: 13 Feb 2018 14:29

Instrument :
 ClientSampled :
 MDL07 0.5PPB

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.6	15.9	23.9
87	11.6	11.8	17.6

Manual Integrations
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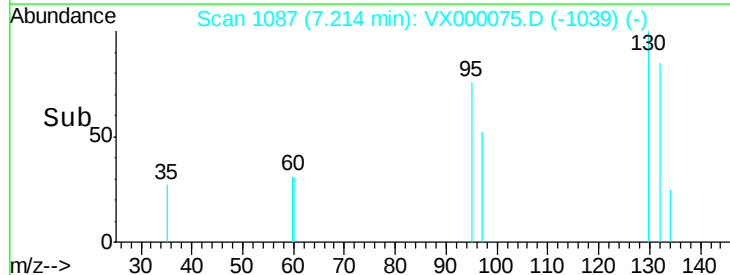
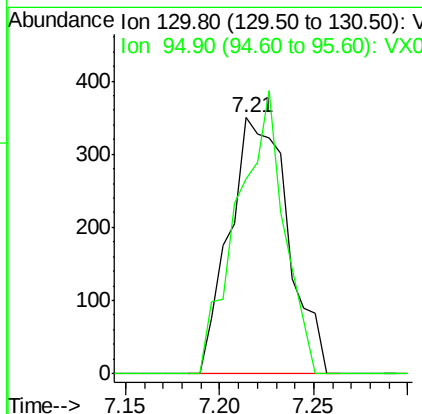
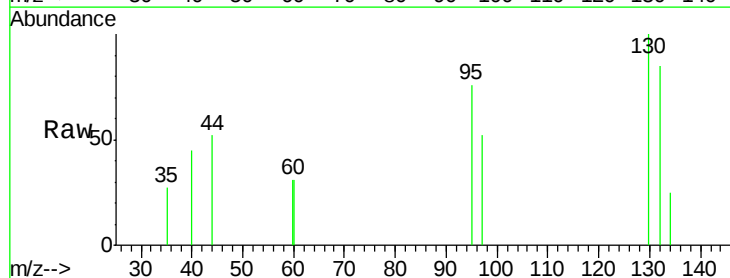
MMDadoda
 2/16/2018 2:27:59 PM

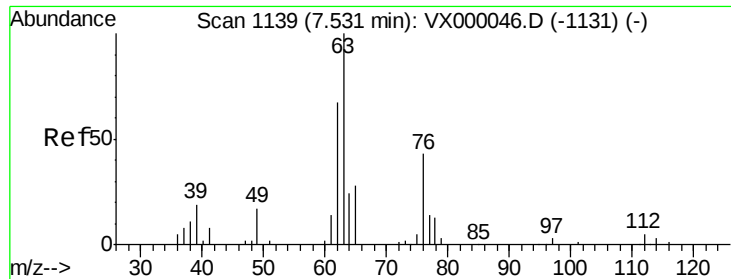


#44

Trichloroethene
 Concen: 0.54 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: VX000075.D
 Acq: 13 Feb 2018 14:29

Tgt Ion	Ratio	Lower	Upper
130	100		
95	76.3	0.0	185.2





#45

1,2-Dichloropropane

Concen: 0.61 ug/l

RT: 7.53 min Scan# 1139

Delta R.T. -0.00 min

Lab File: VX000075.D

Acq: 13 Feb 2018 14:29

Instrument :

ClientSampleId :

MDL07 0.5PPB

Tot Ion: 63 Resp: 675

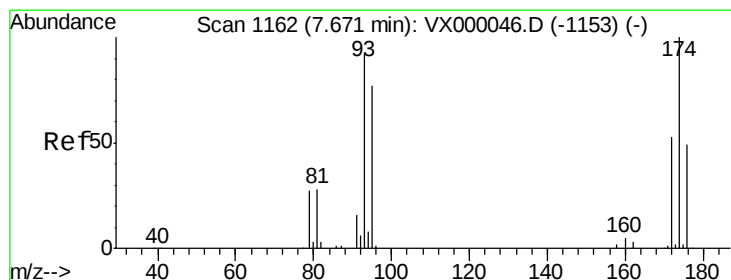
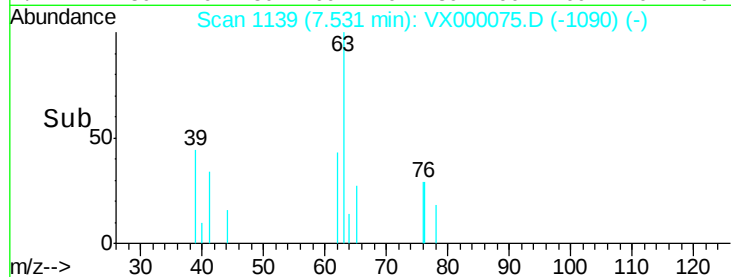
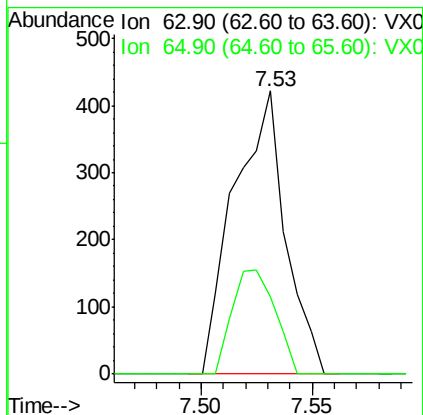
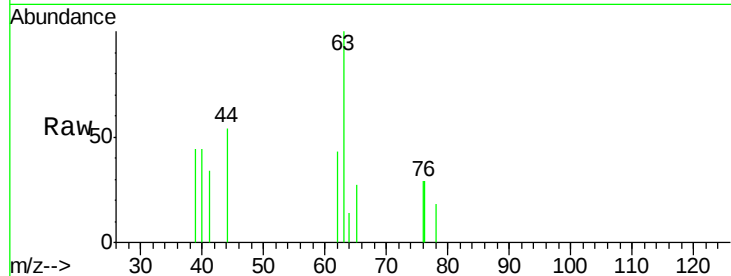
Ion Ratio Lower Upper

63 100

65 27.0 23.7 35.5

Manual Integrations
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2/16/2018 2:27:59 PM



#46

Dibromomethane

Concen: 0.65 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. -0.00 min

Lab File: VX000075.D

Acq: 13 Feb 2018 14:29

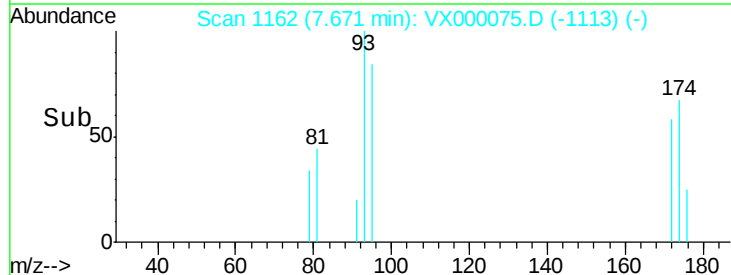
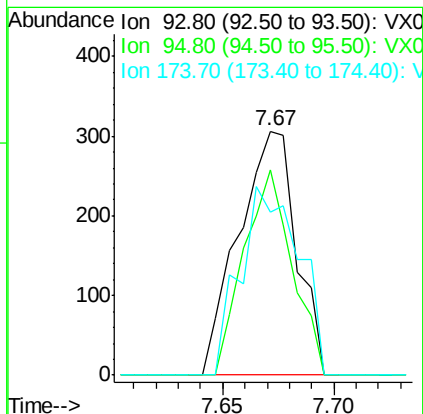
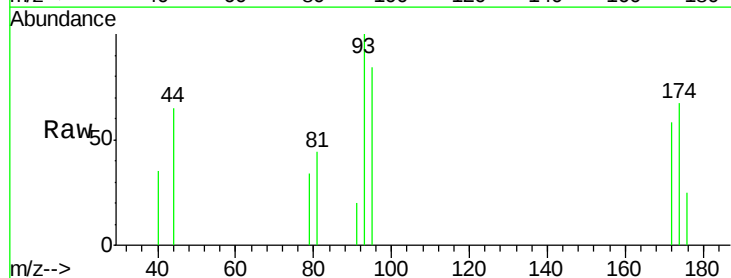
Tgt Ion: 93 Resp: 554

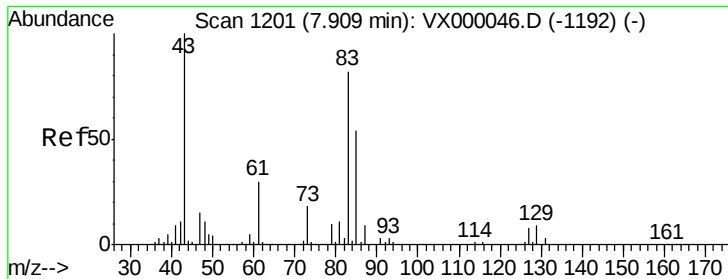
Ion Ratio Lower Upper

93 100

95 69.9 66.3 99.5

174 78.3 90.4 135.6#





#47

Bromodichloromethane

Concen: 0.55 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000075.D

Acq: 13 Feb 2018 14:29

Instrument :

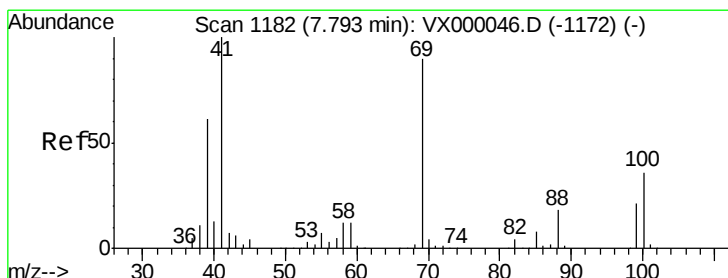
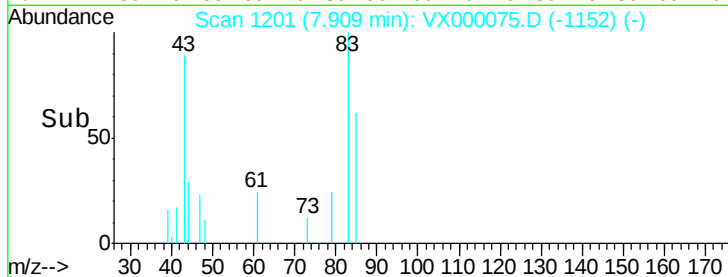
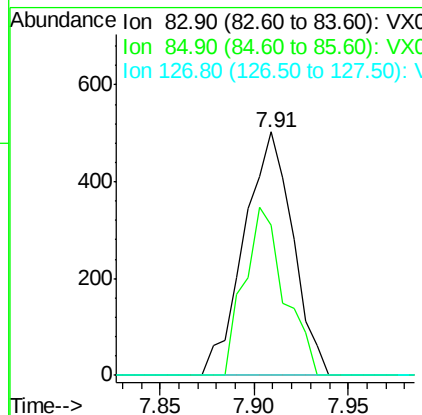
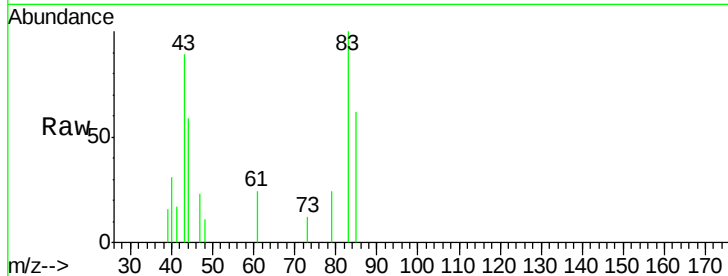
ClientSampled :

MDL07 0.5PPB

Tot Ion	Ratio	Lower	Upper
83	100		
85	61.6	52.3	78.5
127	0.0	7.4	11.0#

Manual Integrations
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2/16/2018 2:27:59 PM



#48

Methyl methacrylate

Concen: 0.58 ug/l

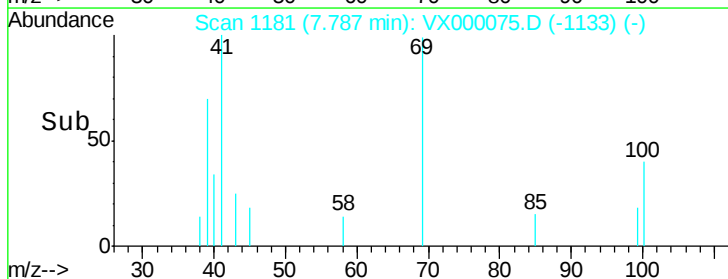
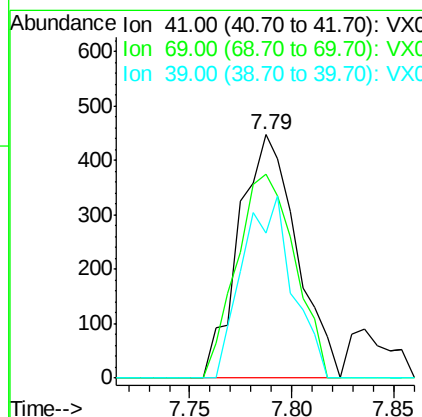
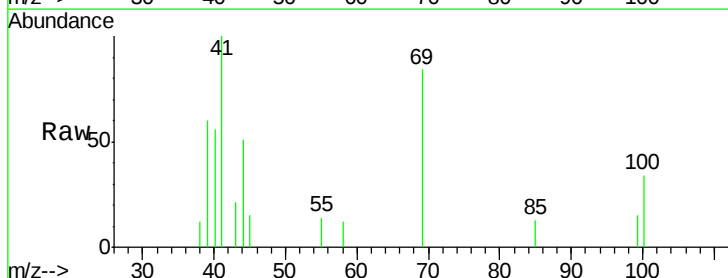
RT: 7.79 min Scan# 1181

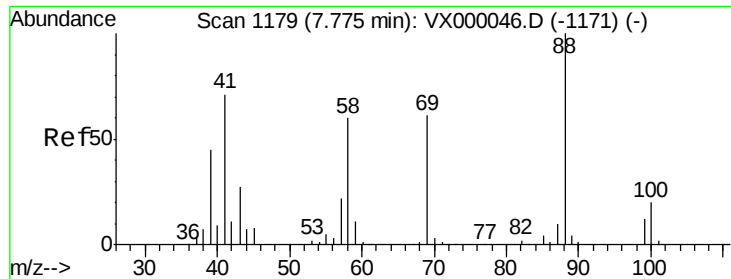
Delta R.T. -0.01 min

Lab File: VX000075.D

Acq: 13 Feb 2018 14:29

Tgt Ion	Ratio	Lower	Upper
41	100		
69	84.6	72.1	108.1
39	64.8	49.6	74.4





#49

1,4-Dioxane

Concen: 7.84 ug/l

RT: 7.77 min Scan# 1178

Delta R.T. -0.01 min

Lab File: VX000075.D

Acq: 13 Feb 2018 14:29

Instrument :

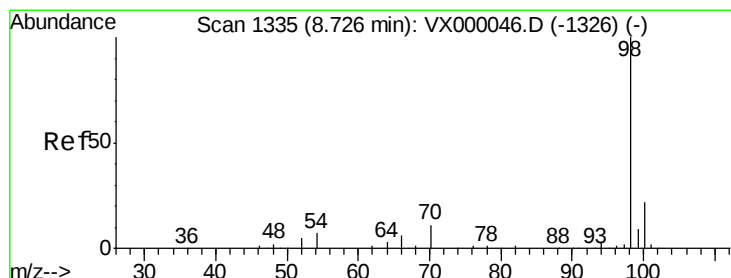
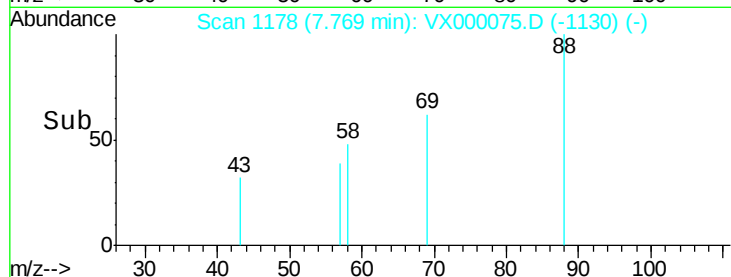
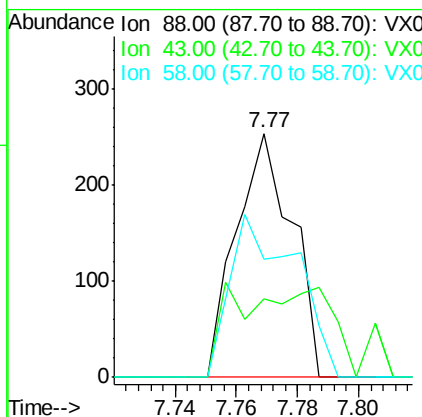
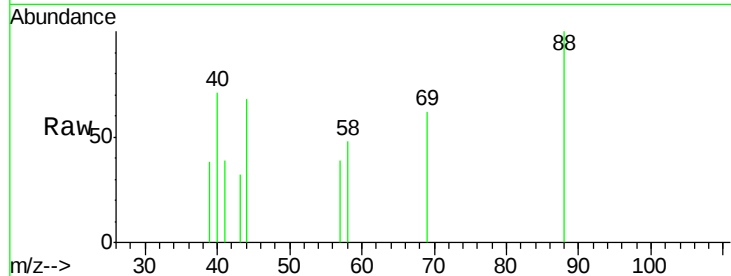
ClientSampled :

MDL07 0.5PPB

Tot Ion:	88	Resp:	319
Ion	Ratio	Lower	Upper
88	100		
43	69.9	22.6	33.8#
58	77.7	49.4	74.2#

Manual Integrations
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2/16/2018 2:27:59 PM



#50

Toluene-d8

Concen: 47.91 ug/l

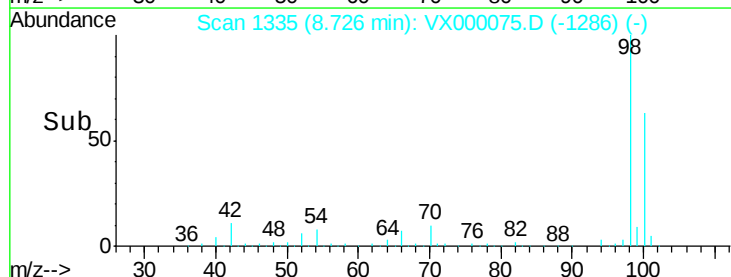
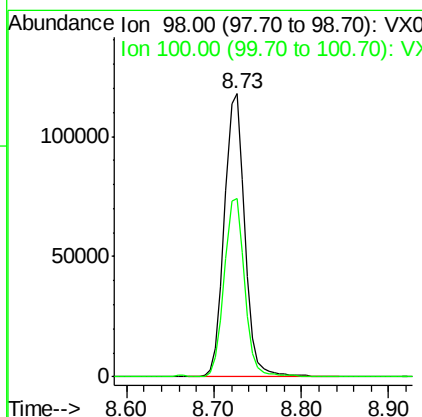
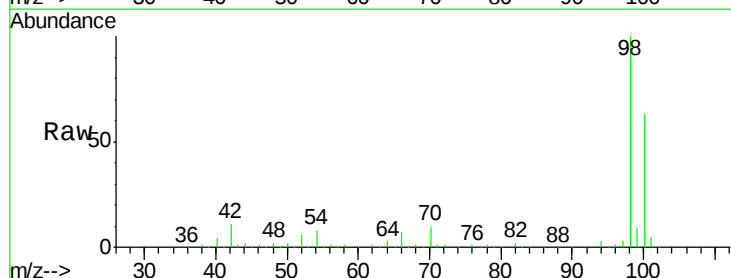
RT: 8.73 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VX000075.D

Acq: 13 Feb 2018 14:29

Tgt Ion:	98	Resp:	191194
Ion	Ratio	Lower	Upper
98	100		
100	62.6	51.8	77.6





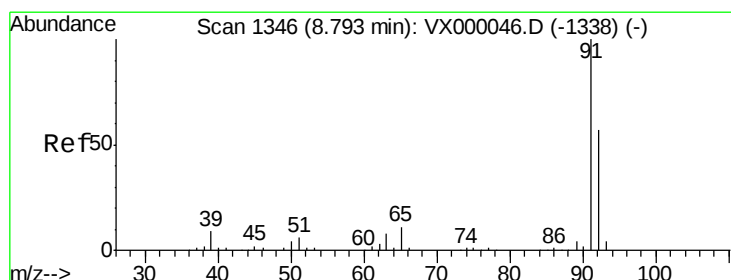
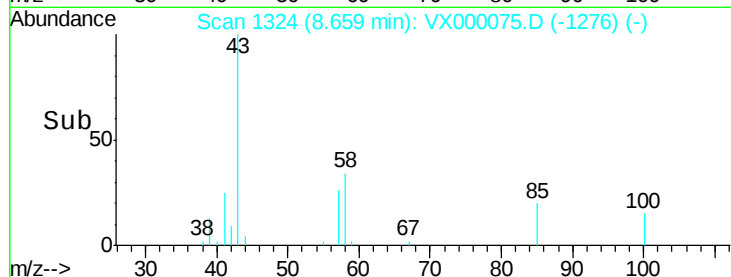
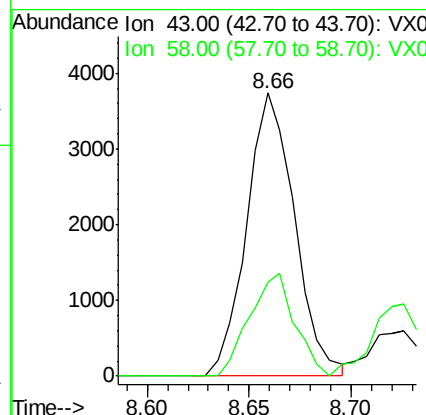
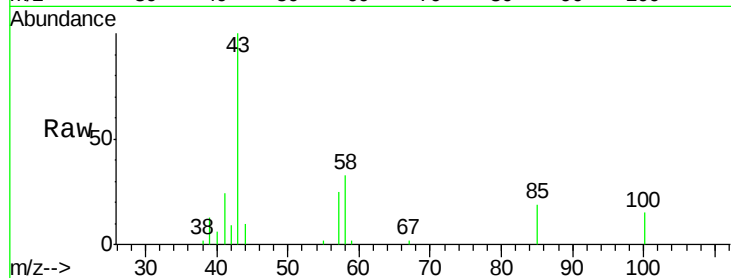
#51
4-Methyl-2-Pentanone
Concen: 2.82 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. -0.01 min
Lab File: VX000075.D
Acq: 13 Feb 2018 14:29

Instrument :
Client Sampled :
MDL07 0.5PPB

Tot Ion: 43 Resp: 6116
Ion Ratio Lower Upper
43 100
58 34.1 32.1 48.1

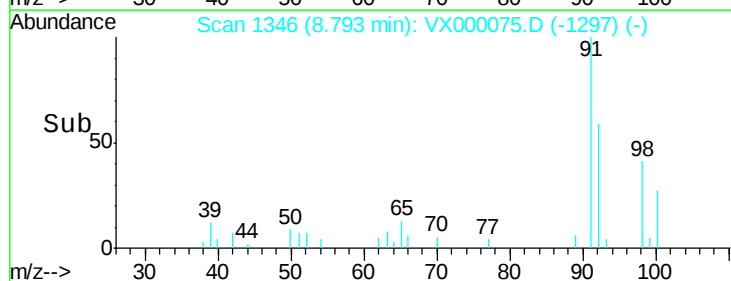
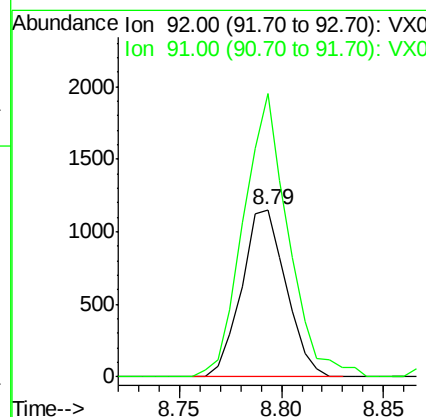
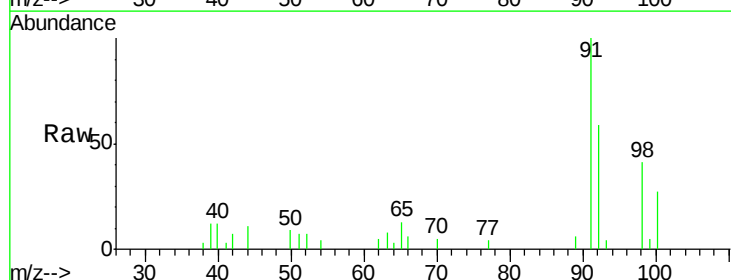
Manual Integrations
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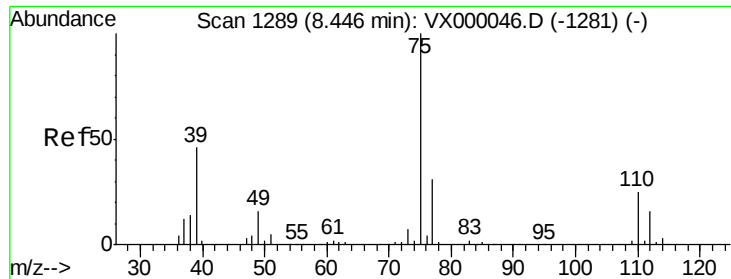
MMDadoda
2/16/2018 2:27:59 PM



#52
Toluene
Concen: 0.57 ug/l
RT: 8.79 min Scan# 1346
Delta R.T. -0.00 min
Lab File: VX000075.D
Acq: 13 Feb 2018 14:29

Tgt Ion: 92 Resp: 1740
Ion Ratio Lower Upper
92 100
91 171.4 139.8 209.6





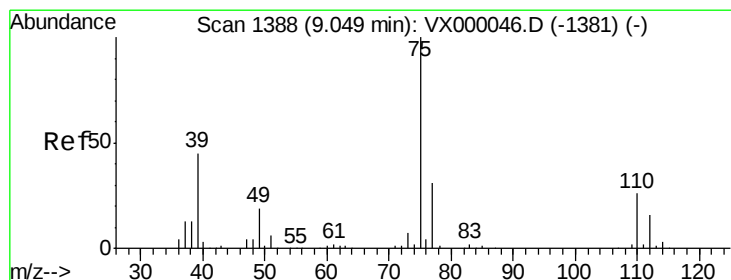
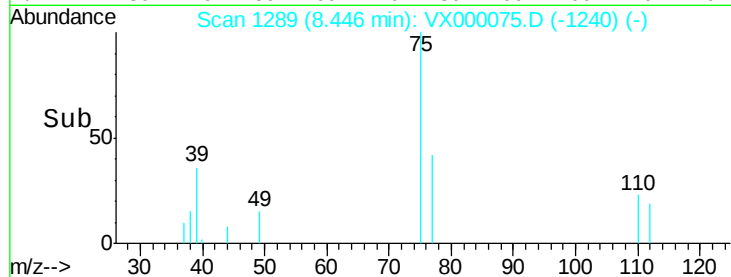
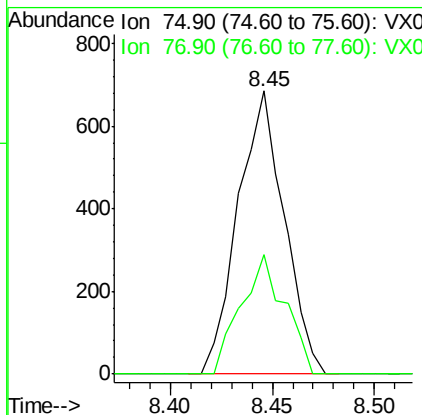
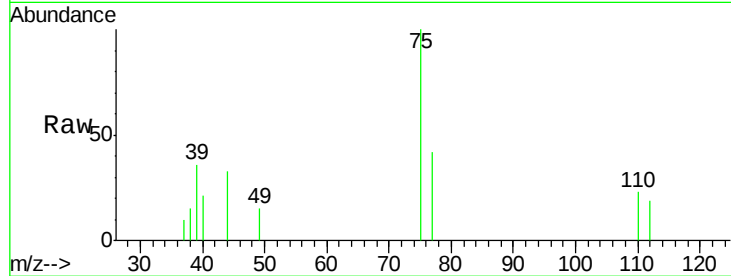
#53
 t-1,3-Dichloropropene
 Concen: 0.56 ug/l
 RT: 8.45 min Scan# 1289
 Delta R.T. -0.00 min
 Lab File: VX000075.D
 Acq: 13 Feb 2018 14:29

Instrument :
 ClientSampled :
 MDL07 0.5PPB

Tot Ion: 75 Resp: 1079
 Ion Ratio Lower Upper
 75 100
 77 42.2 25.0 37.4#

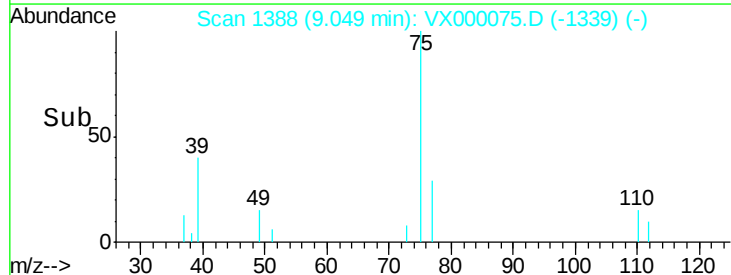
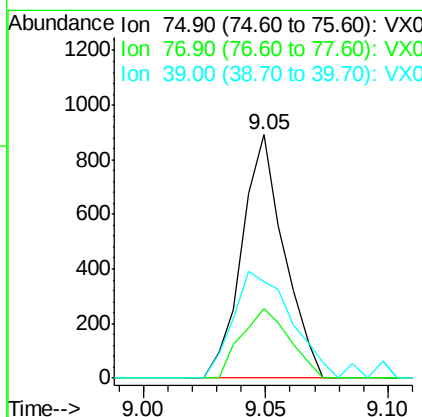
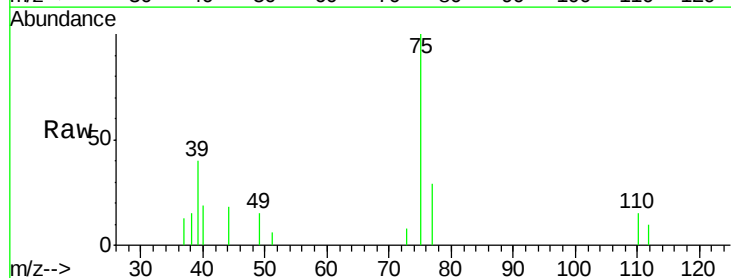
Manual Integrations
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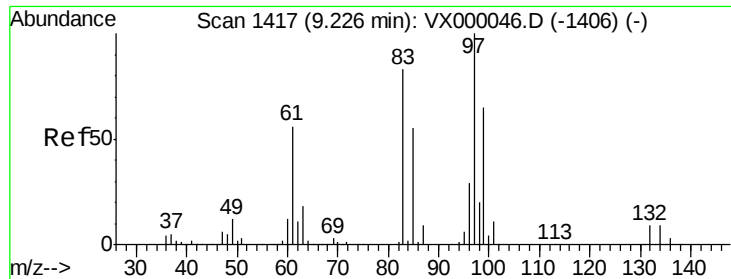
MMDadoda
 2/16/2018 2:27:59 PM



#54
 cis-1,3-Dichloropropene
 Concen: 0.57 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VX000075.D
 Acq: 13 Feb 2018 14:29

Tgt Ion: 75 Resp: 1069
 Ion Ratio Lower Upper
 75 100
 77 28.7 25.1 37.7
 39 39.7 36.1 54.1





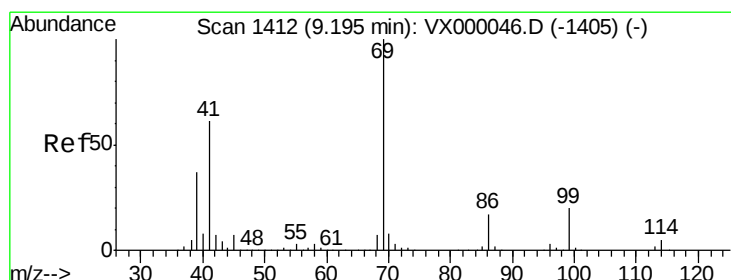
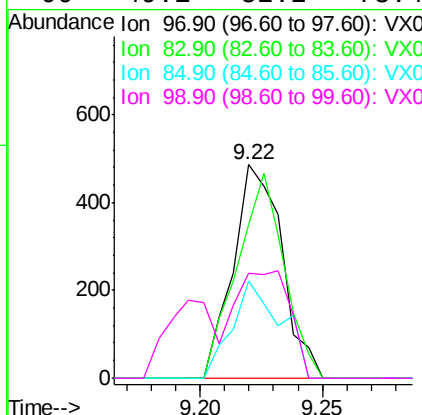
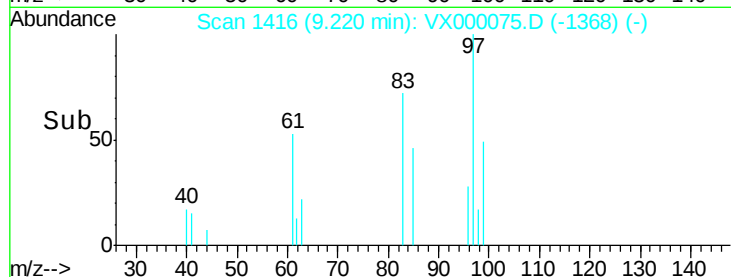
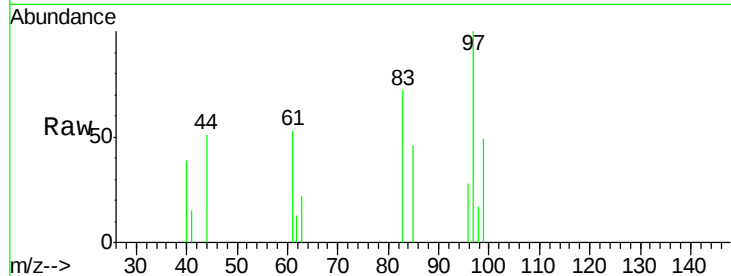
#55
 1,1,2-Trichloroethane
 Concen: 0.53 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.01 min
 Lab File: VX000075.D
 Acq: 13 Feb 2018 14:29

Instrument :
 ClientSampled :
 MDL07 0.5PPB

Tot Ion:	97	Resp:	676
Ion	Ratio	Lower	Upper
97	100		
83	71.9	66.5	99.7
85	45.6	43.8	65.6
99	49.1	52.2	78.4#

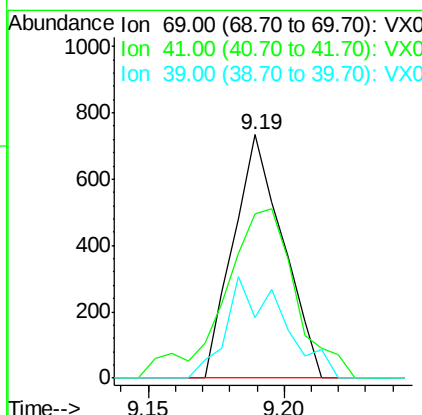
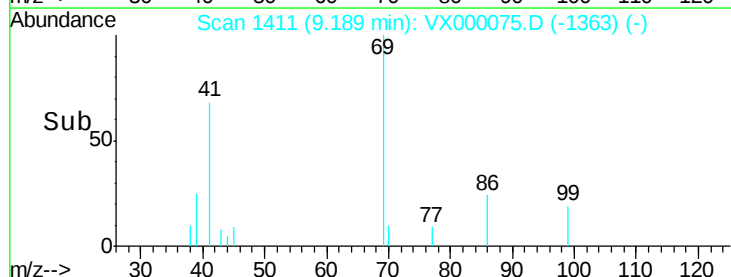
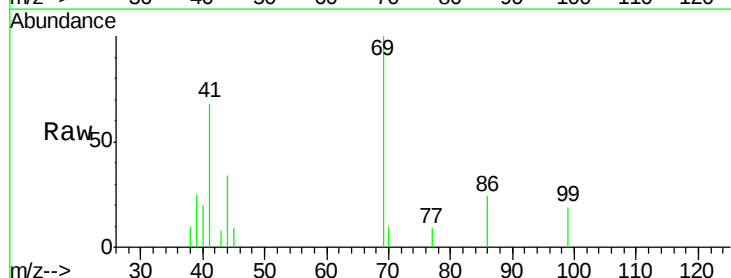
Manual Integrations
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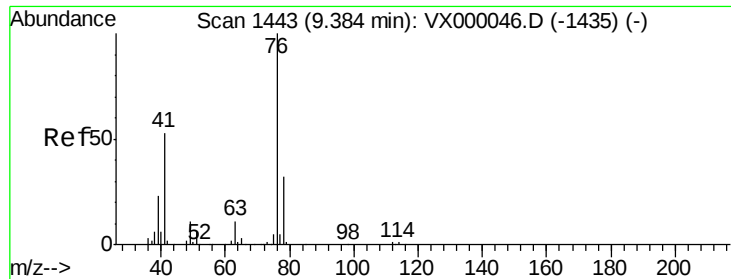
MMDadoda
 2/16/2018 2:27:59 PM



#56
 Ethyl methacrylate
 Concen: 0.48 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.01 min
 Lab File: VX000075.D
 Acq: 13 Feb 2018 14:29

Tgt Ion:	69	Resp:	928
Ion	Ratio	Lower	Upper
69	100		
41	100.2	49.5	74.3#
39	47.3	29.9	44.9#





#57

1,3-Dichloropropane

Concen: 0.53 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.01 min

Lab File: VX000075.D

Acq: 13 Feb 2018 14:29

Instrument :

ClientSampled :

MDL07 0.5PPB

Tot Ion: 76 Resp: 1056

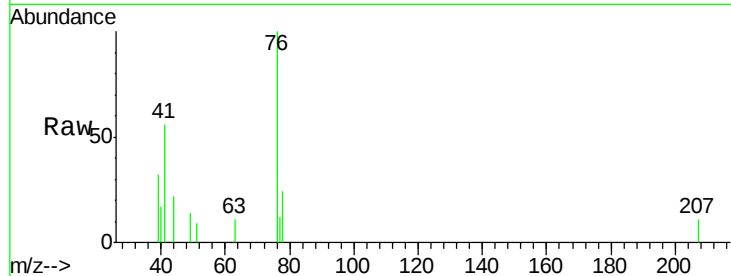
Ion Ratio Lower Upper

76 100

78 30.3 25.9 38.9

Manual Integrations
APPROVED

MMDadoda
2/16/2018 2:27:59 PM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.38

800

600

400

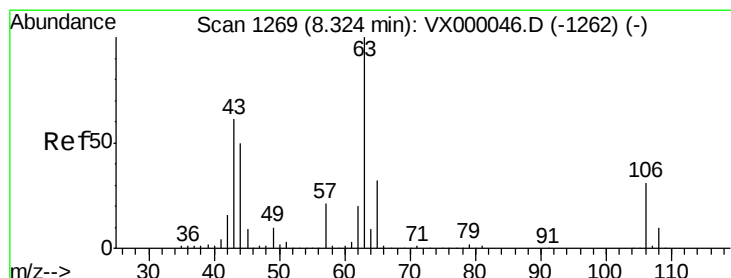
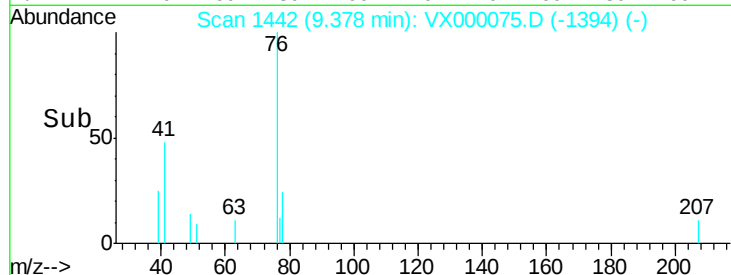
200

0

9.35

9.40

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 2.48 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX000075.D

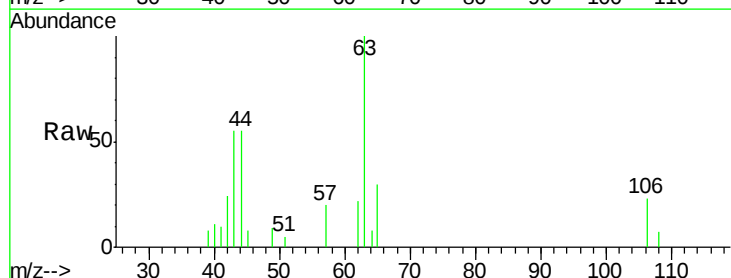
Acq: 13 Feb 2018 14:29

Tgt Ion: 63 Resp: 2389

Ion Ratio Lower Upper

63 100

106 30.6 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.32

1500

1000

500

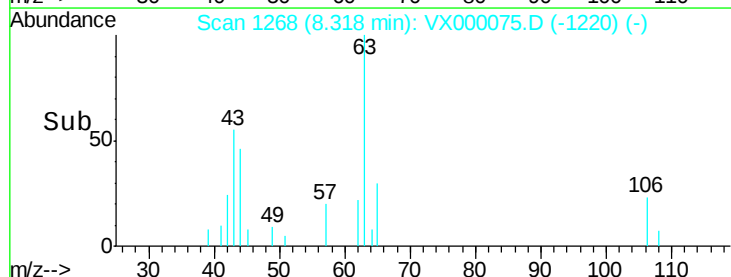
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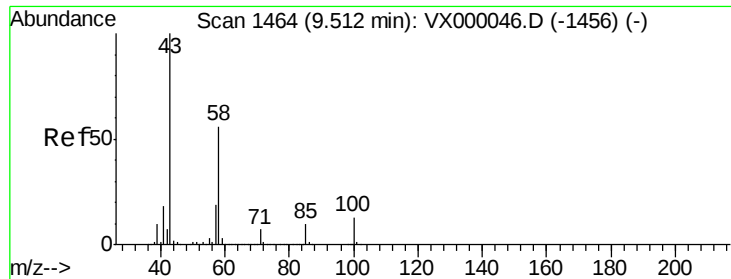
8.25

8.30

8.35

Time-->





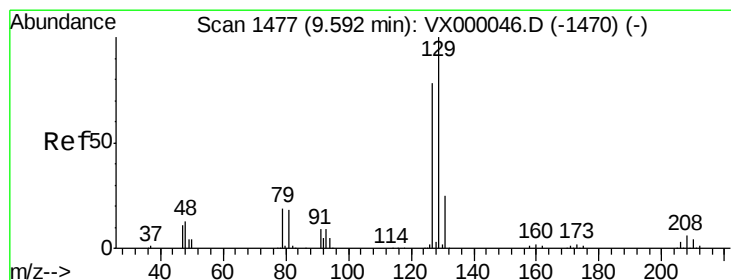
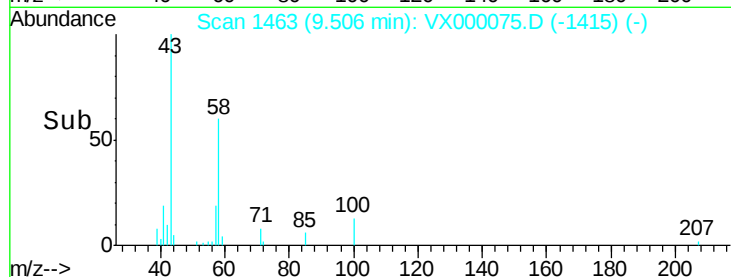
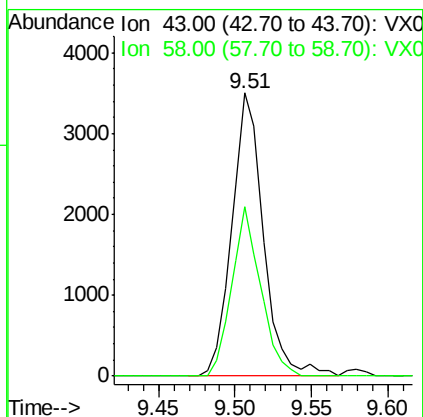
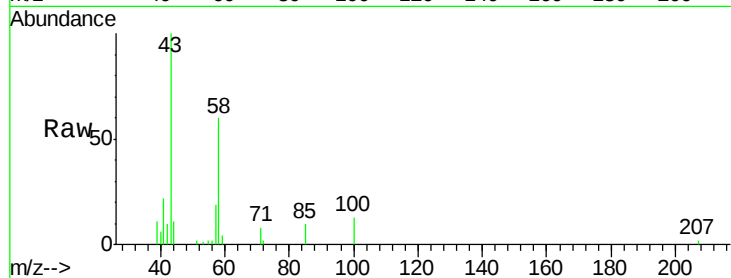
#59
2-Hexanone
Concen: 2.84 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.01 min
Lab File: VX000075.D
Acq: 13 Feb 2018 14:29

Instrument :
ClientSampled :
MDL07 0.5PPB

Tot Ion: 43 Resp: 5004
Ion Ratio Lower Upper
43 100
58 54.8 27.6 82.7

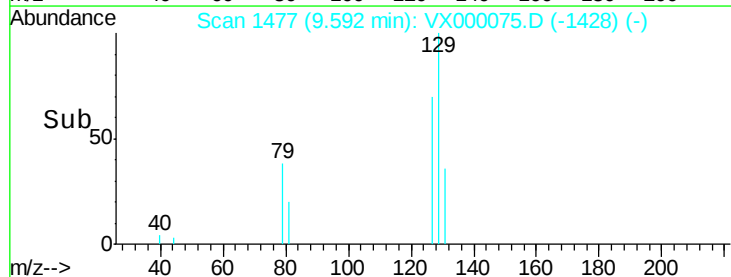
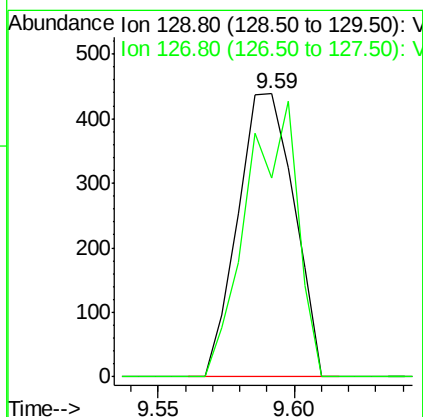
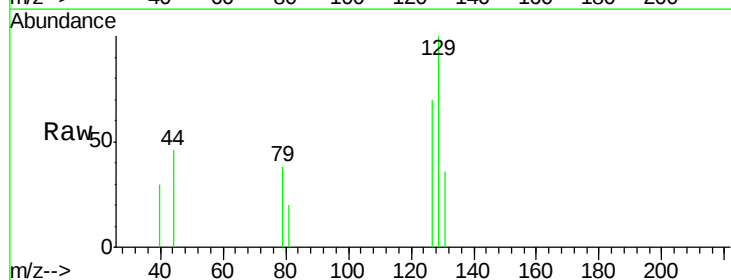
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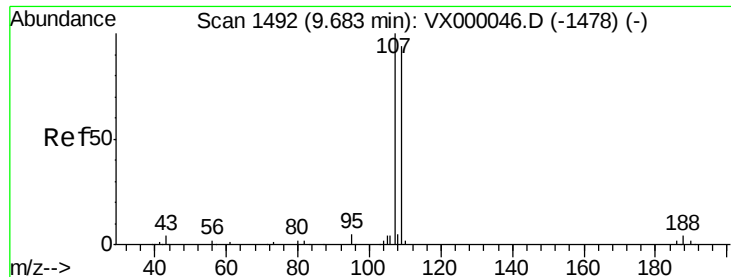
MMDadoda
2/16/2018 2:27:59 PM



#60
Dibromochloromethane
Concen: 0.43 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX000075.D
Acq: 13 Feb 2018 14:29

Tgt Ion:129 Resp: 628
Ion Ratio Lower Upper
129 100
127 87.9 38.6 115.8





#61

1,2-Dibromoethane

Concen: 0.51 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX000075.D

Acq: 13 Feb 2018 14:29

Instrument :

ClientSampled :

MDL07 0.5PPB

Tot Ion:107 Resp: 714

Ion Ratio Lower Upper

107 100

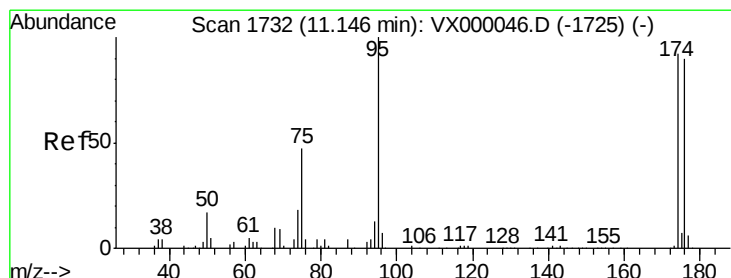
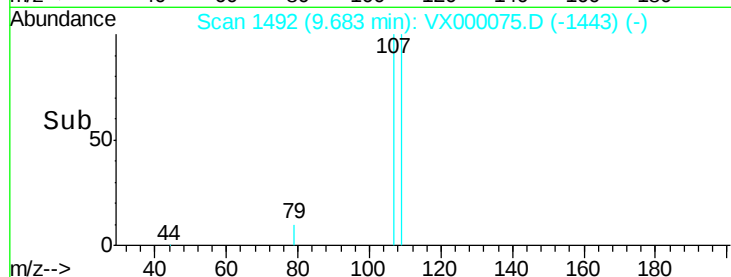
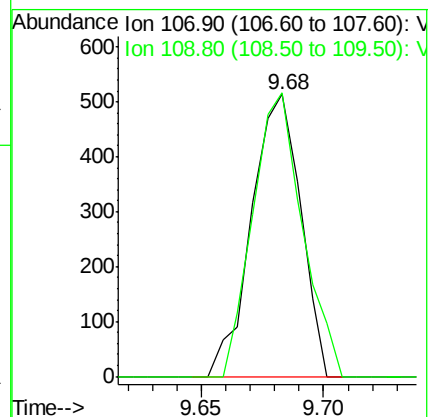
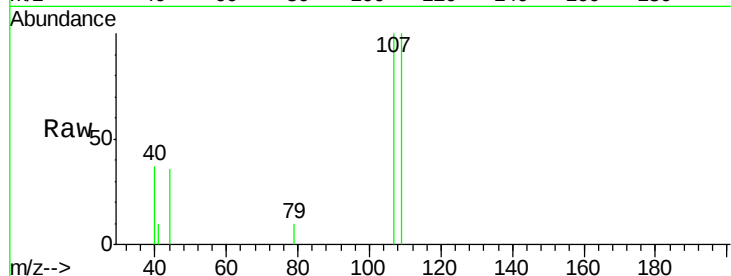
109 102.0 74.6 111.8

Manual Integrations

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MMDadoda

2/16/2018 2:27:59 PM



#62

4-Bromofluorobenzene

Concen: 47.03 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000075.D

Acq: 13 Feb 2018 14:29

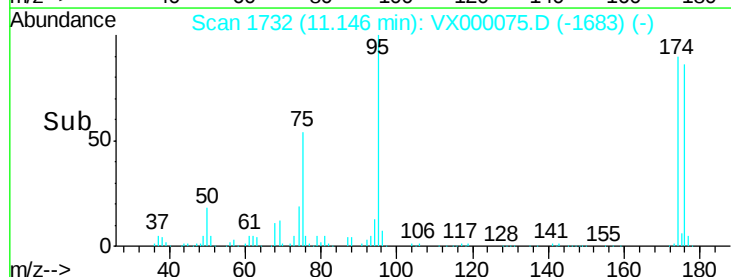
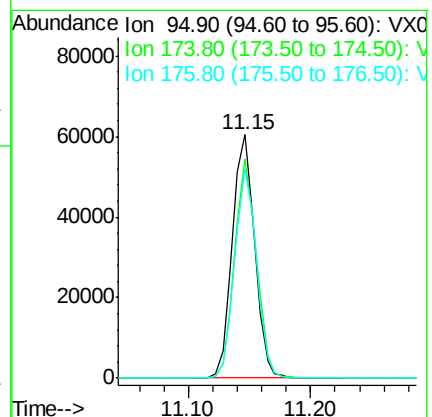
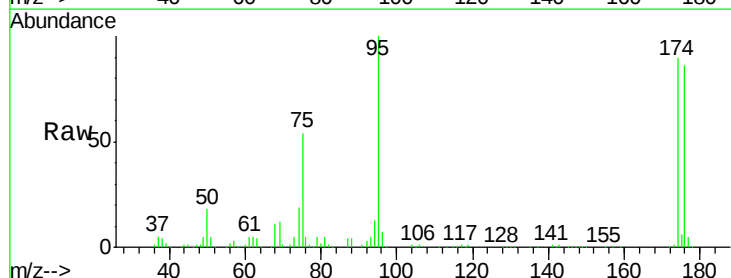
Tgt Ion: 95 Resp: 76317

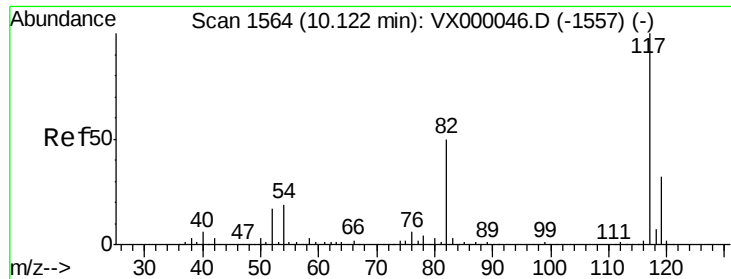
Ion Ratio Lower Upper

95 100

174 87.4 0.0 185.6

176 83.9 0.0 181.8





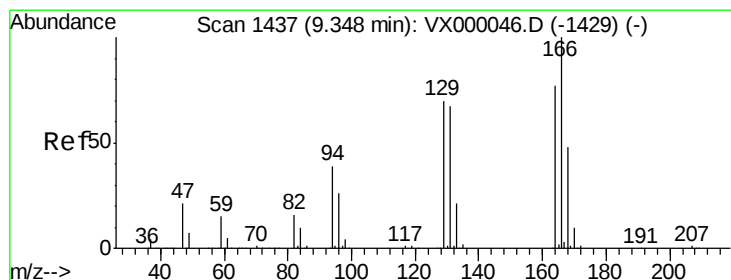
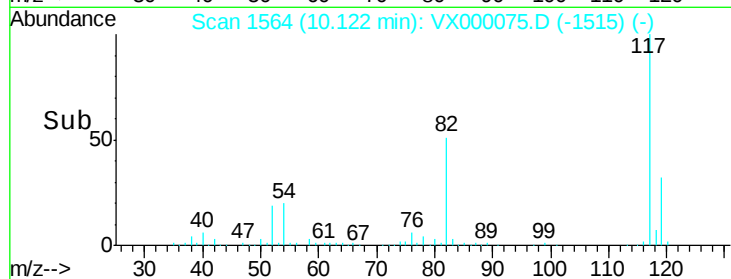
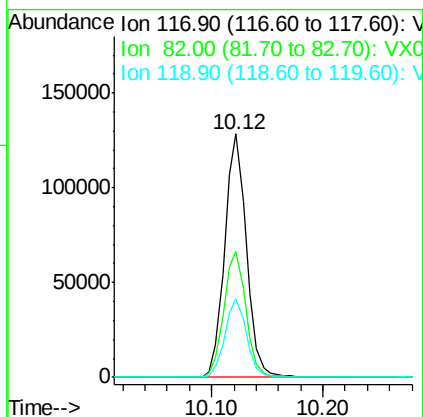
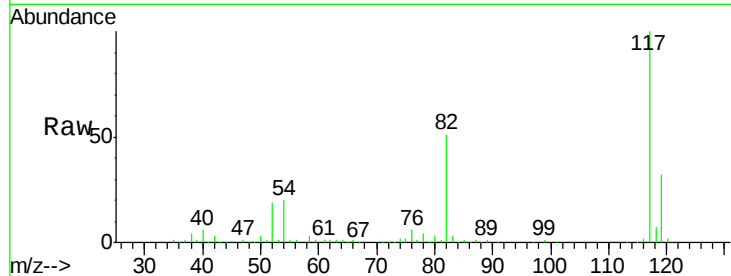
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000075.D
Acq: 13 Feb 2018 14:29

Instrument :
ClientSampled :
MDL07 0.5PPB

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.4	40.3	60.5
119	32.4	25.3	37.9

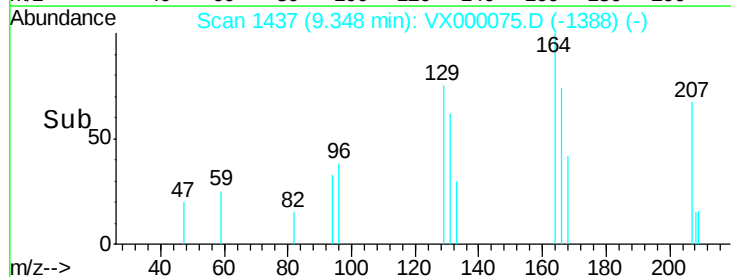
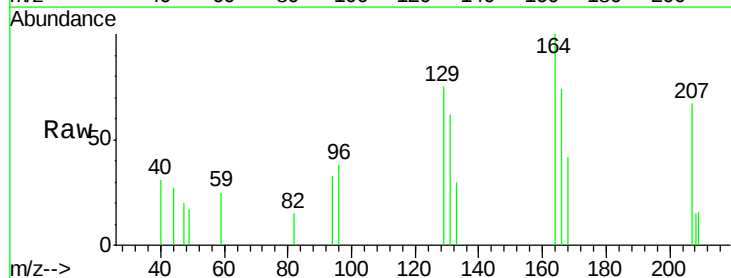
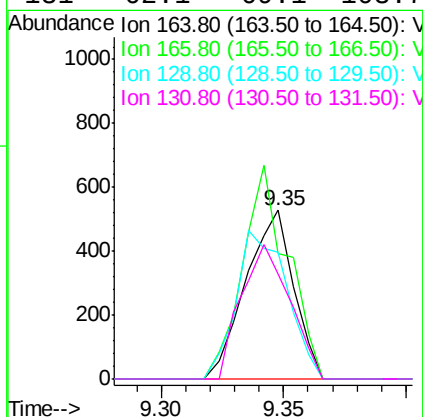
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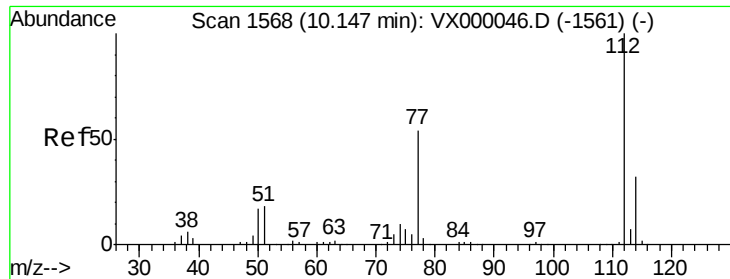
MMDadoda
2/16/2018 2:27:59 PM



#64
Tetrachloroethene
Concen: 0.55 ug/l
RT: 9.35 min Scan# 1437
Delta R.T. -0.00 min
Lab File: VX000075.D
Acq: 13 Feb 2018 14:29

Tgt Ion	Ratio	Lower	Upper
164	100		
166	74.4	103.7	155.5#
129	75.2	72.2	108.4
131	62.1	69.1	103.7#





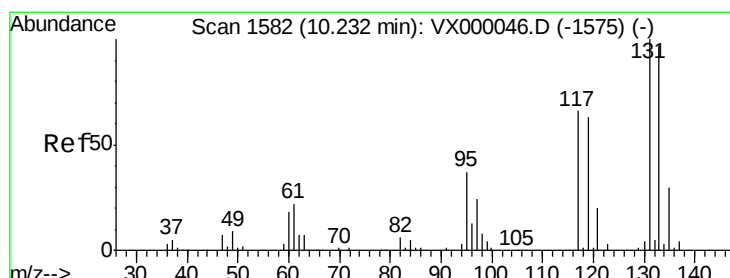
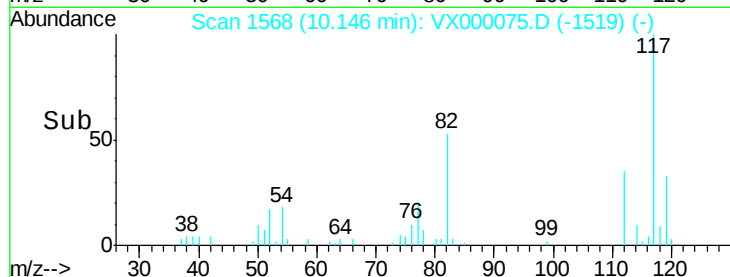
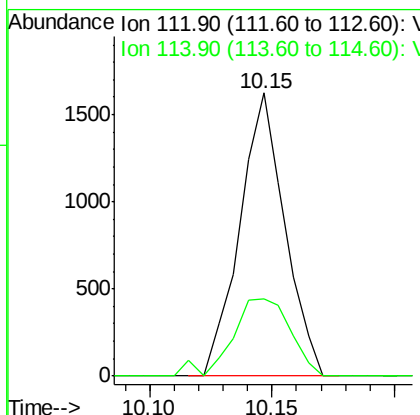
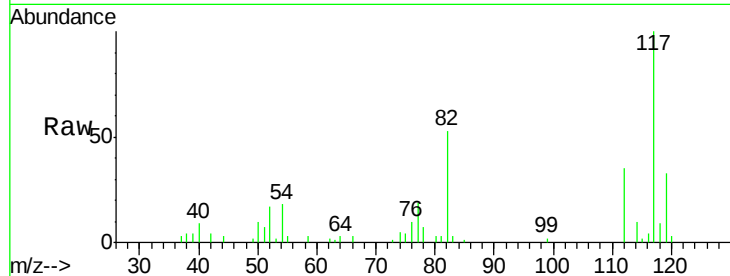
#65
Chlorobenzene
Concen: 0.57 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000075.D
Acq: 13 Feb 2018 14:29

Instrument :
ClientSampled :
MDL07 0.5PPB

Tot Ion:112 Resp: 2072
Ion Ratio Lower Upper
112 100
114 27.1 25.6 38.4

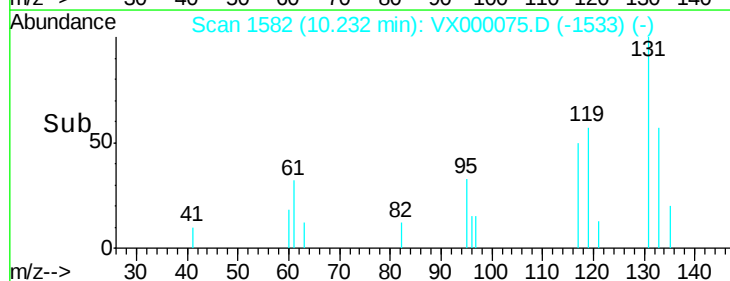
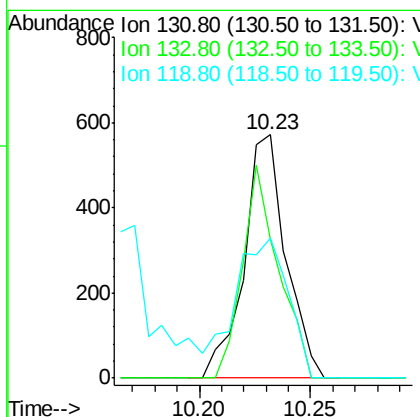
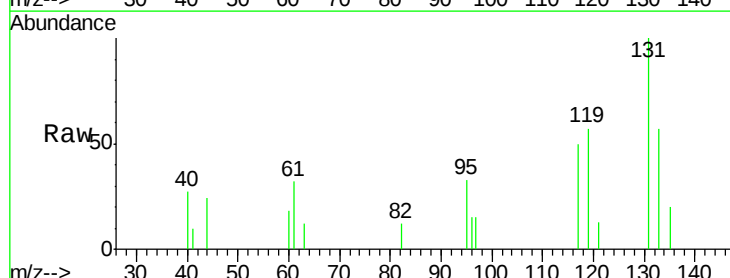
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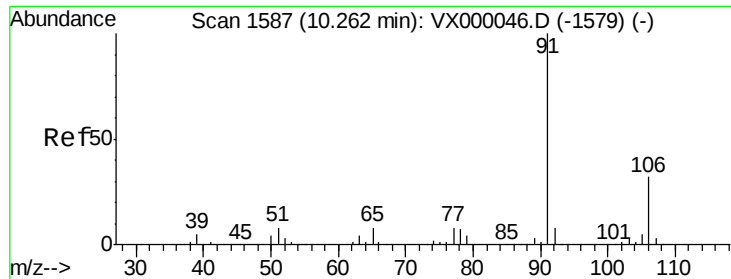
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 0.58 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VX000075.D
Acq: 13 Feb 2018 14:29

Tgt Ion:131 Resp: 751
Ion Ratio Lower Upper
131 100
133 75.1 47.6 142.9
119 0.0 31.7 95.1#





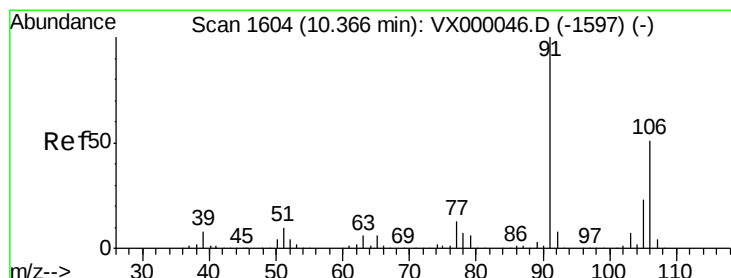
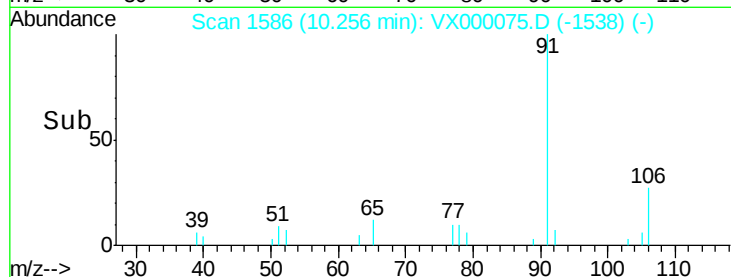
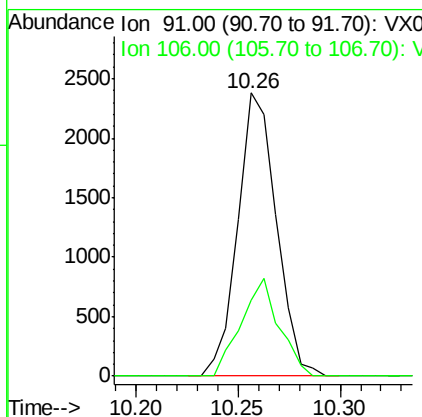
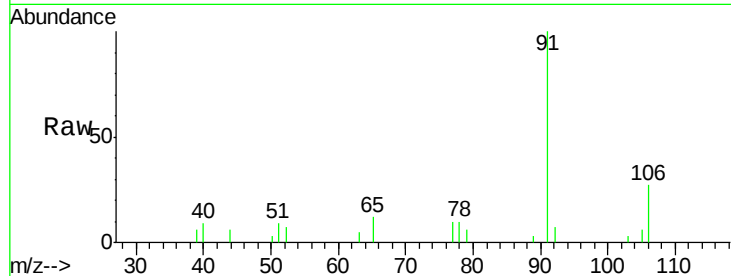
#67
Ethyl Benzene
Concen: 0.52 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.01 min
Lab File: VX000075.D
Acq: 13 Feb 2018 14:29

Instrument :
Client Sampled :
MDL07 0.5PPB

Tot Ion: 91 Resp: 3124
Ion Ratio Lower Upper
91 100
106 26.9 25.9 38.9

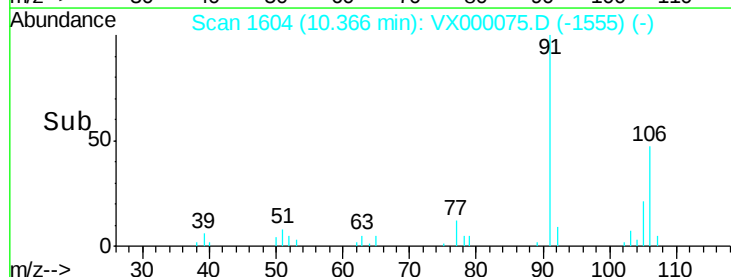
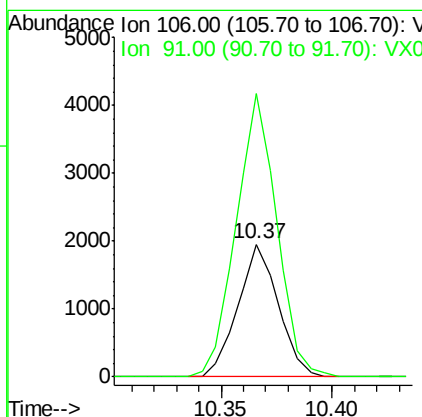
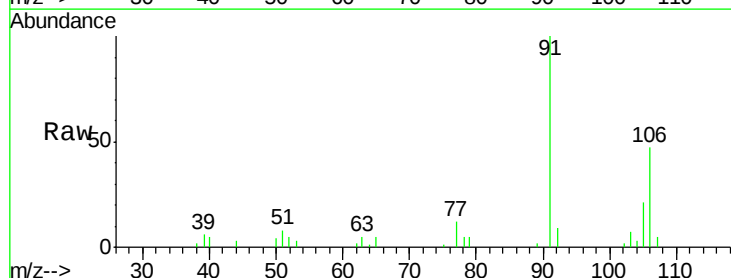
Manual Integrations
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2/16/2018 2:27:59 PM



#68
m/p-Xylenes
Concen: 1.04 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000075.D
Acq: 13 Feb 2018 14:29

Tgt Ion: 106 Resp: 2470
Ion Ratio Lower Upper
106 100
91 214.4 158.3 237.5





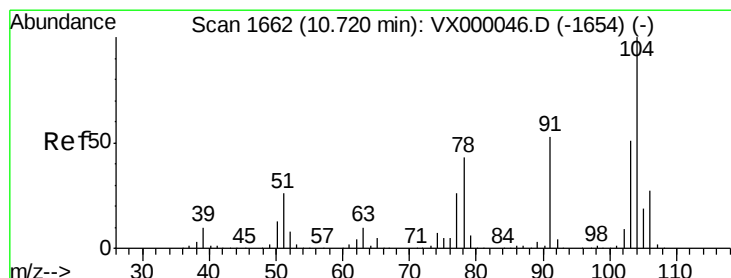
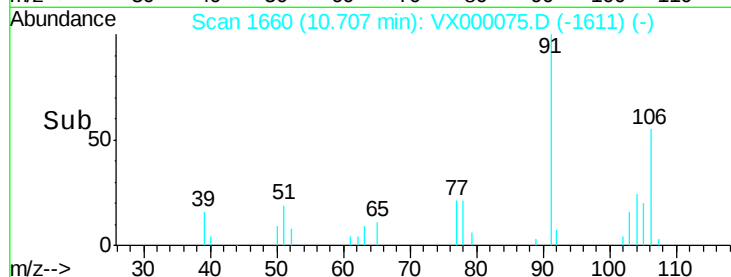
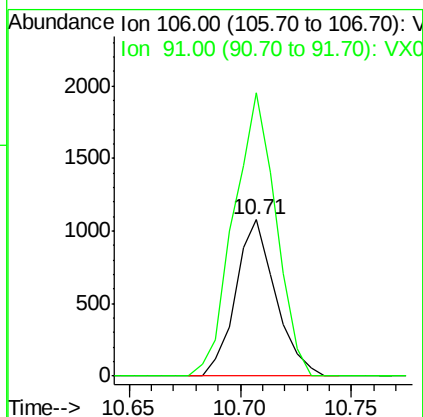
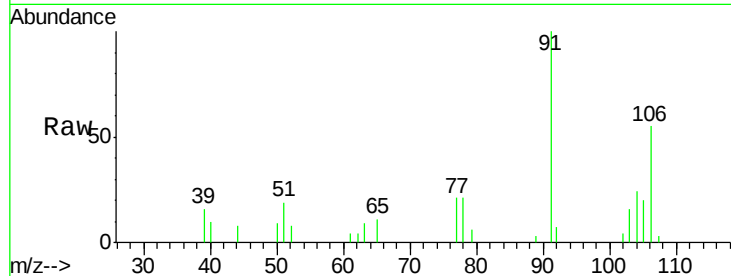
#69
o-Xylene
Concen: 0.59 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000075.D
Acq: 13 Feb 2018 14:29

Instrument :
Client Sampled :
MDL07 0.5PPB

Tot Ion:106 Resp: 1349
Ion Ratio Lower Upper
106 100
91 191.1 104.0 312.0

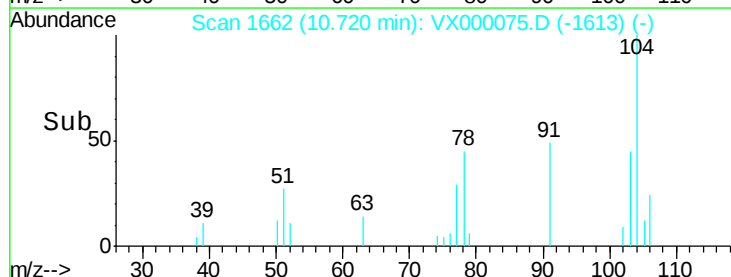
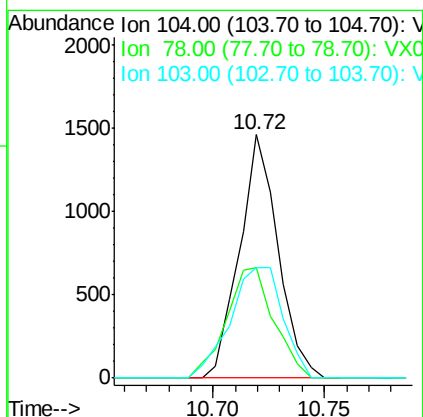
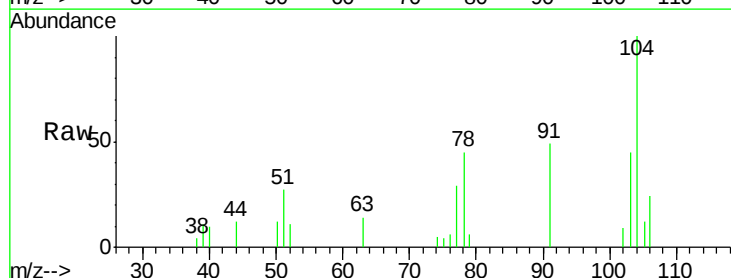
Manual Integrations
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#70
Styrene
Concen: 0.45 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000075.D
Acq: 13 Feb 2018 14:29

Tgt Ion:104 Resp: 1762
Ion Ratio Lower Upper
104 100
78 55.7 37.7 56.5
103 62.2 44.0 66.0





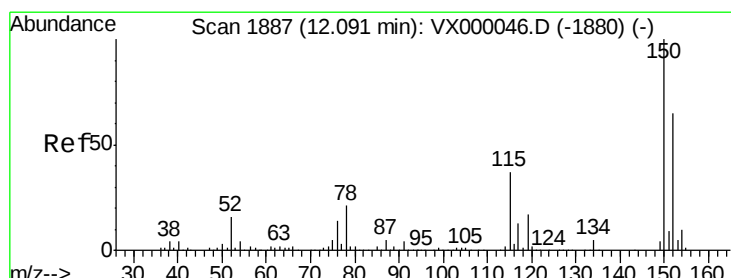
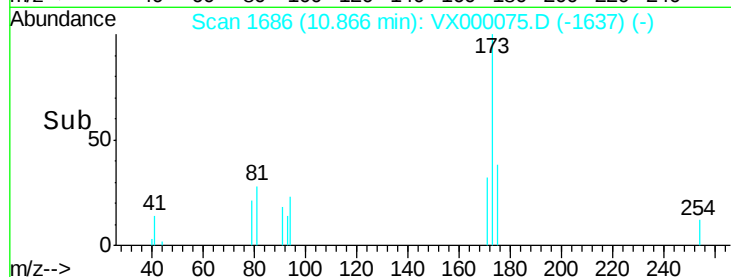
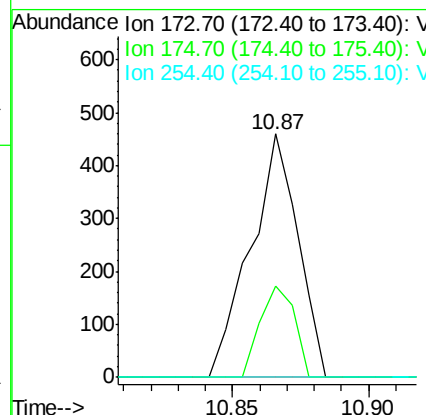
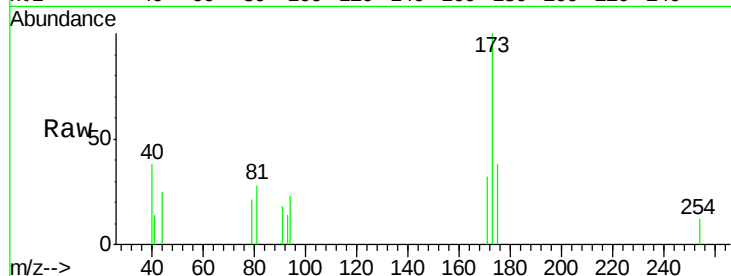
#71
Bromoform
Concen: 0.45 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VX000075.D
Acq: 13 Feb 2018 14:29

Instrument :
ClientSampled :
MDL07 0.5PPB

Tot Ion	Ratio	Lower	Upper
173	100		
175	27.0	23.9	71.8
254	0.0	0.1	0.1

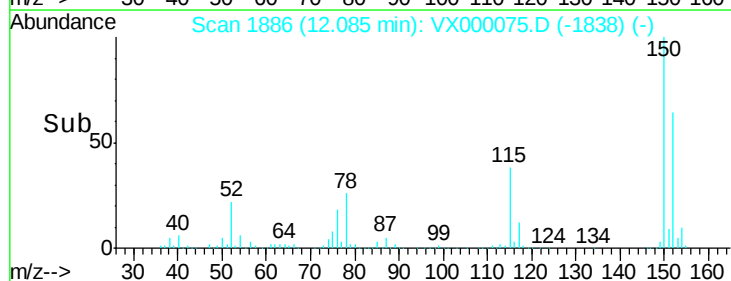
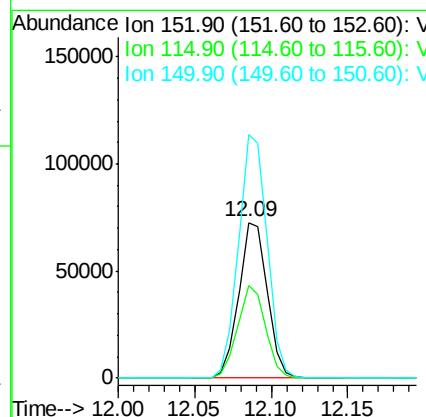
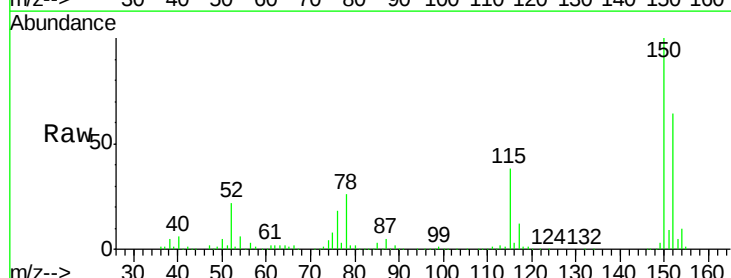
Manual Integrations
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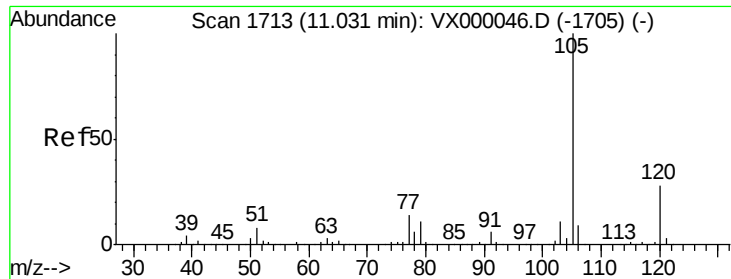
MMDadoda
2/16/2018 2:27:59 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.01 min
Lab File: VX000075.D
Acq: 13 Feb 2018 14:29

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.2	39.3	117.8
150	157.4	0.0	349.2





#73

Isopropylbenzene

Concen: 0.55 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.01 min

Lab File: VX000075.D

Acq: 13 Feb 2018 14:29

Instrument :

ClientSampled :

MDL07 0.5PPB

Tot Ion:105 Resp: 3265

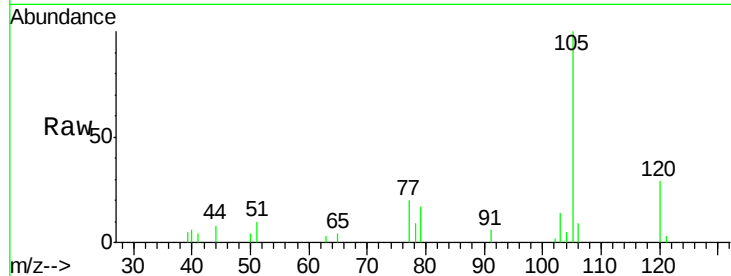
Ion Ratio Lower Upper

105 100

120 29.1 13.8 41.3

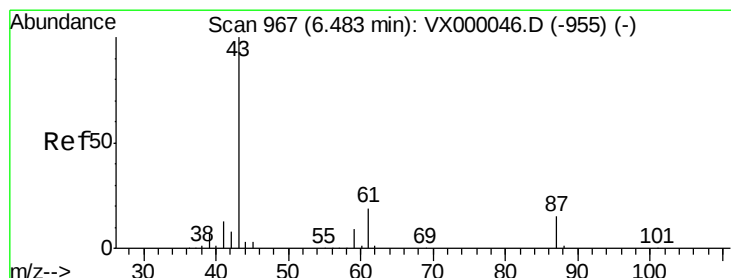
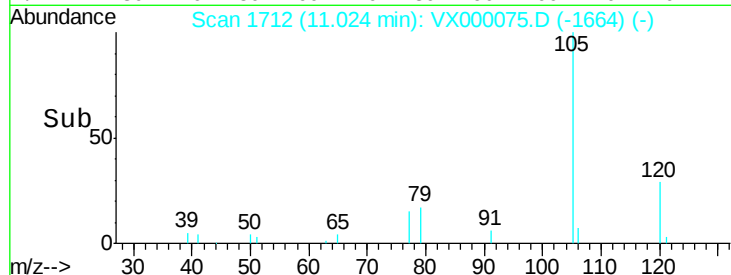
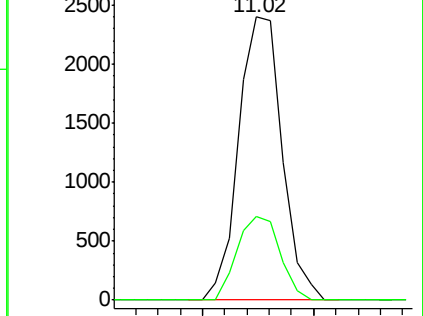
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 0.64 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX000075.D

Acq: 13 Feb 2018 14:29

Tgt Ion: 43 Resp: 1906

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.1 0.1#

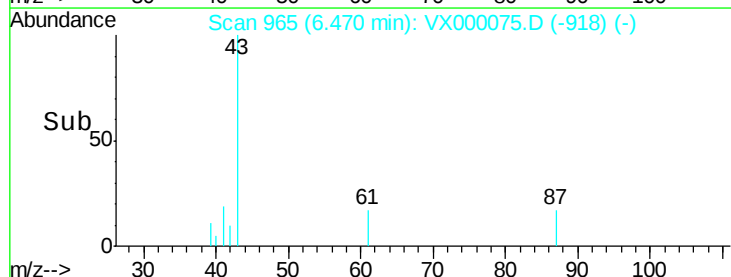
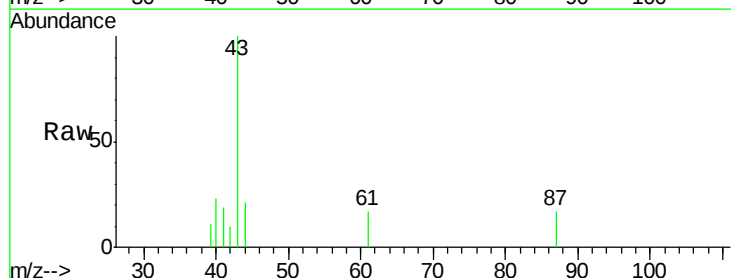
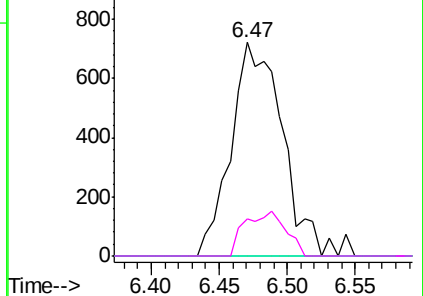
61 16.6 15.9 23.9

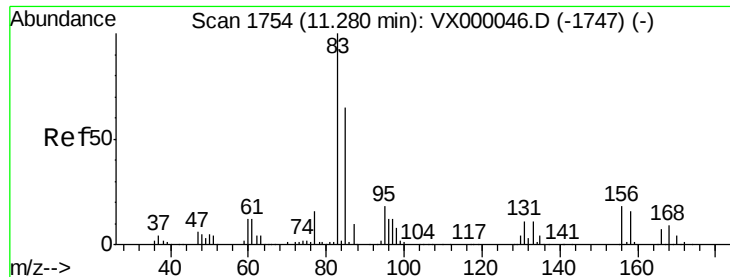
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 0.54 ug/l

RT: 11.28 min Scan# 1754

Delta R.T. -0.00 min

Lab File: VX000075.D

Acq: 13 Feb 2018 14:29

Instrument :

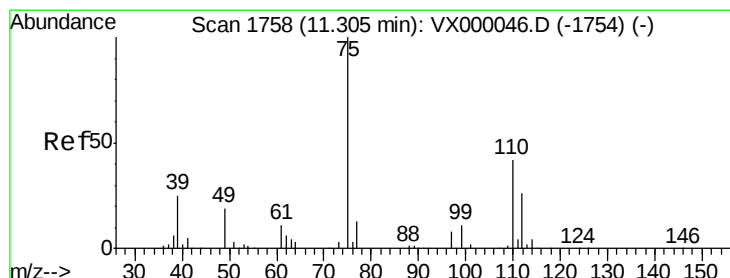
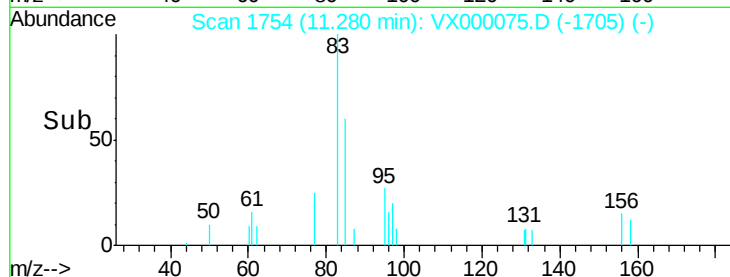
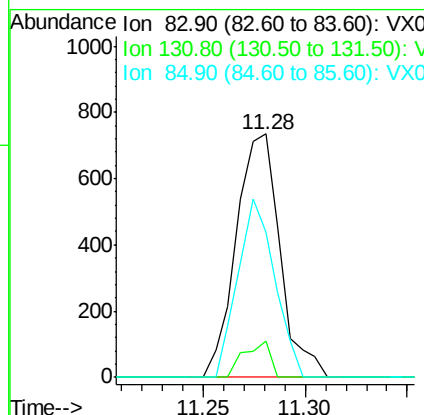
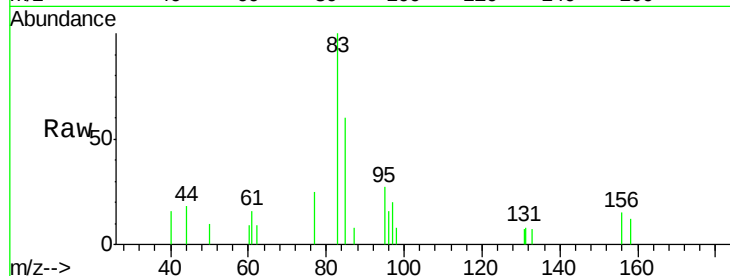
ClientSampled :

MDL07 0.5PPB

Tot Ion:	83	Resp:	1097
Ion	Ratio	Lower	Upper
83	100		
131	8.8	5.5	16.7
85	61.4	32.6	97.7

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2/16/2018 2:27:59 PM



#76

1,2,3-Trichloropropane

Concen: 0.56 ug/l m

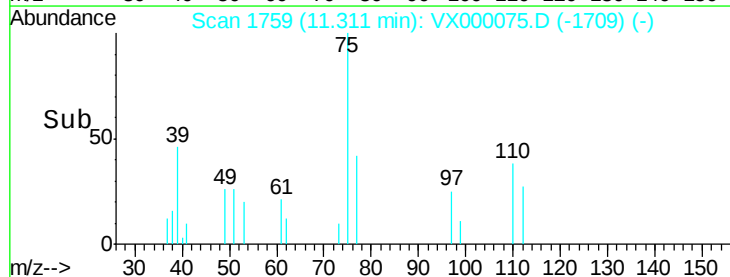
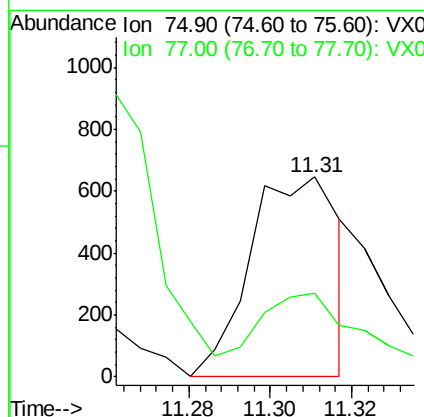
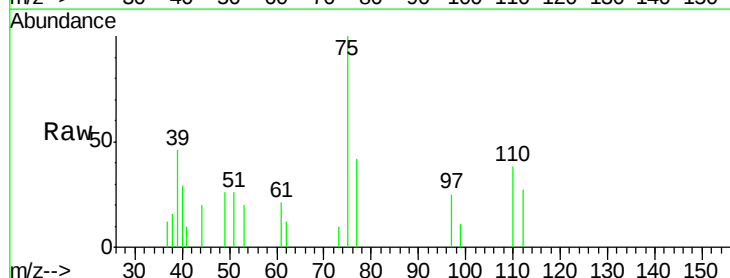
RT: 11.31 min Scan# 1759

Delta R.T. 0.01 min

Lab File: VX000075.D

Acq: 13 Feb 2018 14:29

Tgt Ion:	75	Resp:	983
Ion	Ratio	Lower	Upper
75	100		
77	49.2	23.7	71.1





#77

Bromobenzene

Concen: 0.56 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.01 min

Lab File: VX000075.D

Acq: 13 Feb 2018 14:29

Instrument :

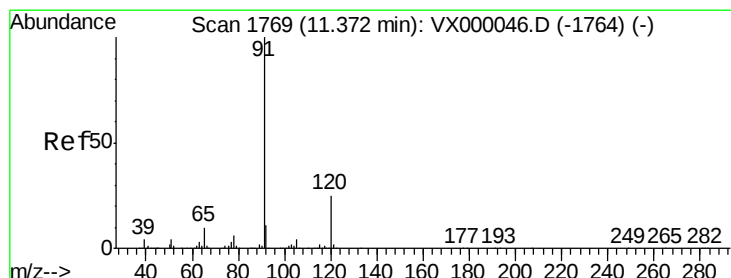
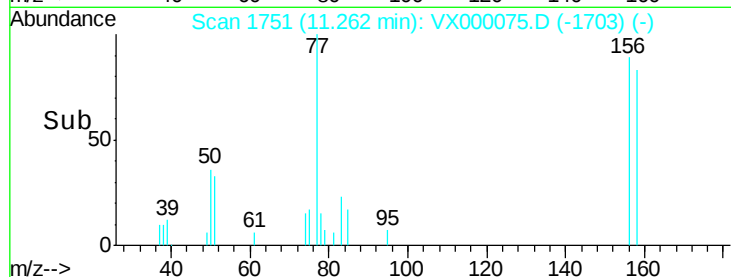
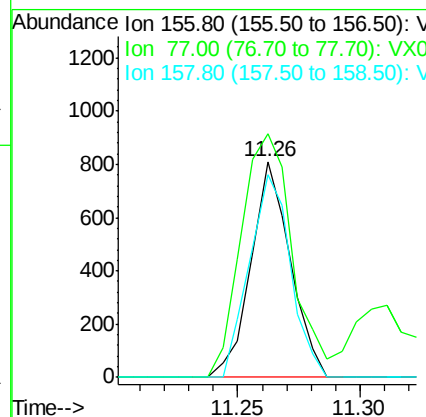
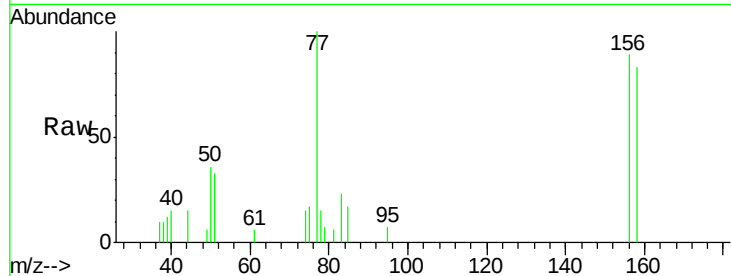
ClientSampled :

MDL07 0.5PPB

Tot Ion:	156	Resp:	910
Ion	Ratio	Lower	Upper
156	100		
77	145.7	66.2	198.6
158	98.1	48.6	145.9

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#78

n-propylbenzene

Concen: 0.60 ug/l

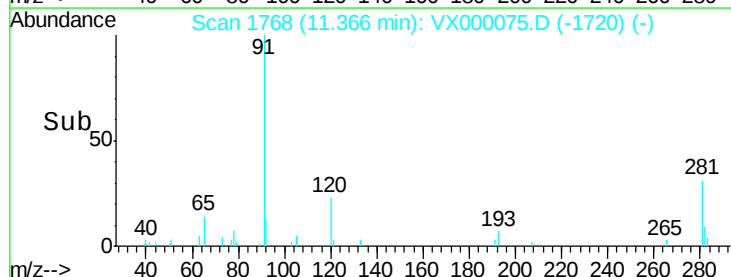
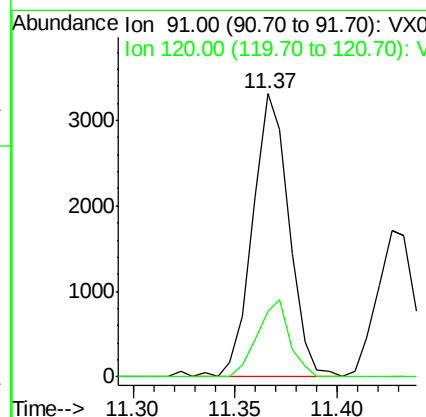
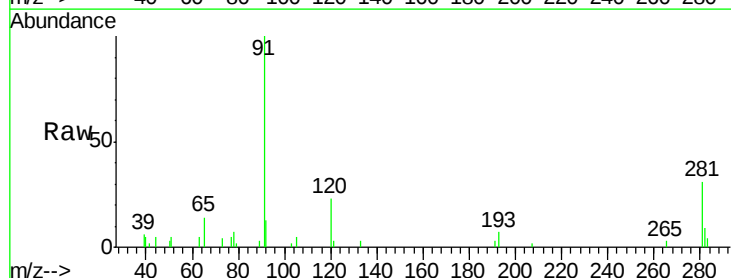
RT: 11.37 min Scan# 1768

Delta R.T. -0.01 min

Lab File: VX000075.D

Acq: 13 Feb 2018 14:29

Tgt Ion:	91	Resp:	4114
Ion	Ratio	Lower	Upper
91	100		
120	24.1	12.2	36.6





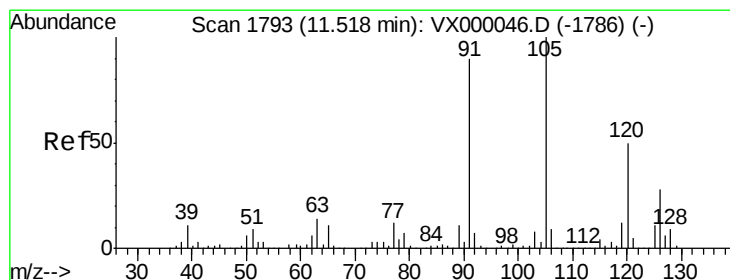
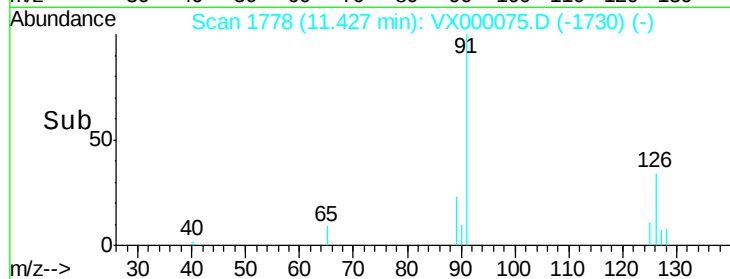
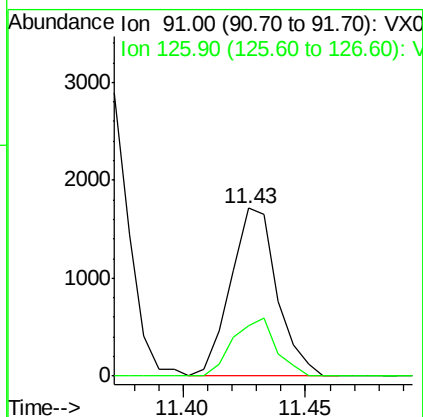
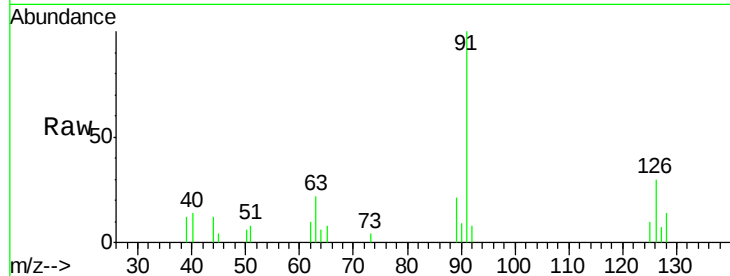
#79
 2-Chlorotoluene
 Concen: 0.57 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: VX000075.D
 Acq: 13 Feb 2018 14:29

Instrument :
 ClientSampled :
 MDL07 0.5PPB

Tot Ion: 91 Resp: 2256
 Ion Ratio Lower Upper
 91 100
 126 31.8 18.2 54.6

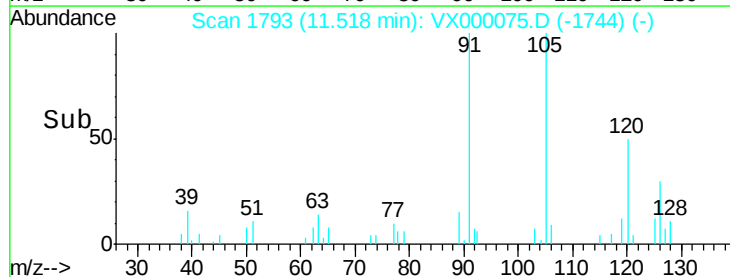
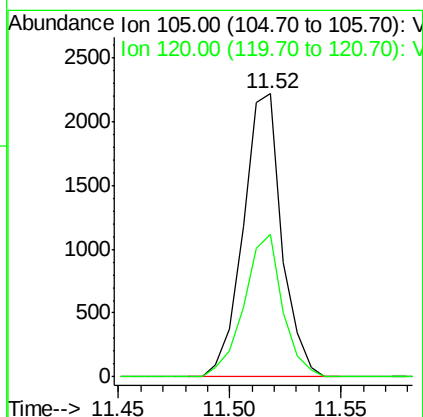
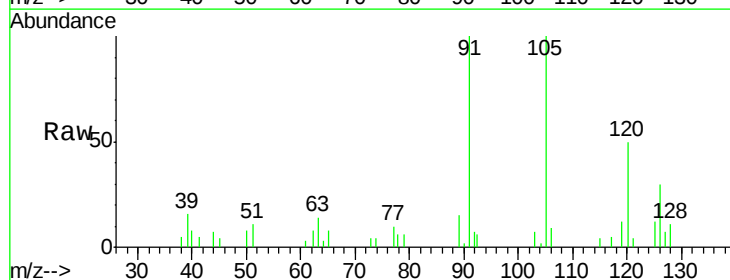
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#80
 1,3,5-Trimethylbenzene
 Concen: 0.54 ug/l
 RT: 11.52 min Scan# 1793
 Delta R.T. -0.00 min
 Lab File: VX000075.D
 Acq: 13 Feb 2018 14:29

Tgt Ion: 105 Resp: 2678
 Ion Ratio Lower Upper
 105 100
 120 50.0 24.8 74.3





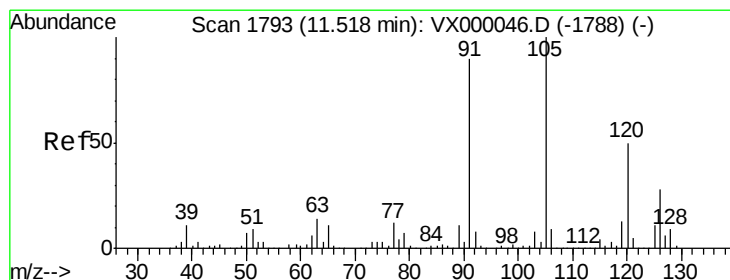
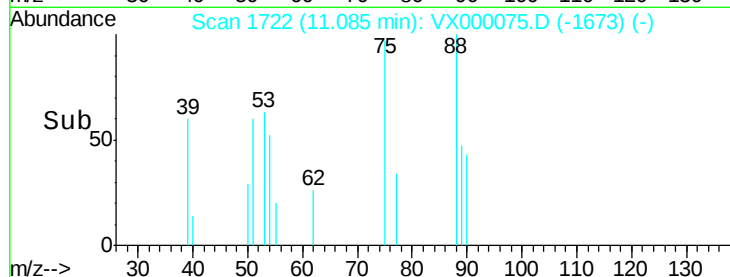
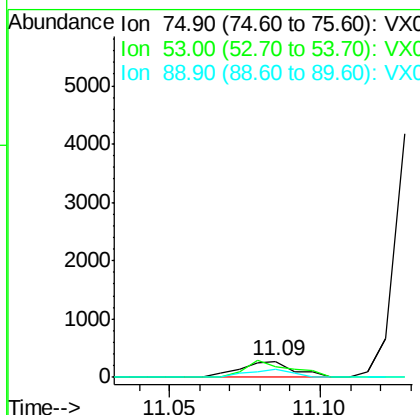
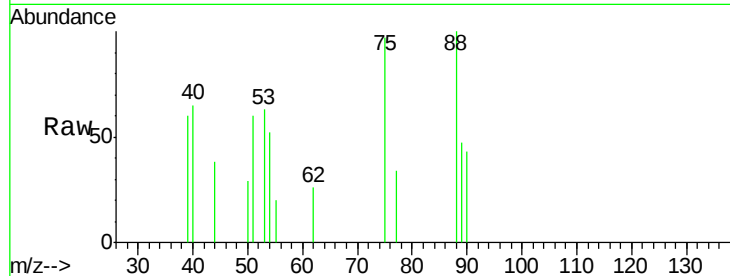
#81
trans-1,4-Dichloro-2-butene
Concen: 0.46 ug/l m
RT: 11.09 min Scan# 1722
Delta R.T. -0.00 min
Lab File: VX000075.D
Acq: 13 Feb 2018 14:29

Instrument :
Client Sampled :
MDL07 0.5PPB

Tot Ion: 75 Resp: 330
Ion Ratio Lower Upper
75 100
53 0.0 70.3 105.5#
89 0.0 48.6 72.8#

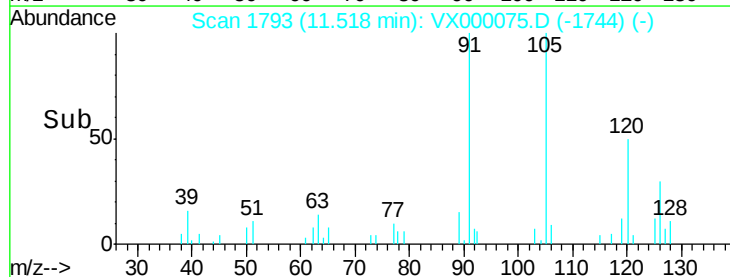
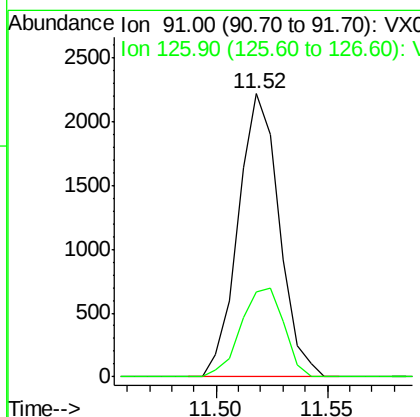
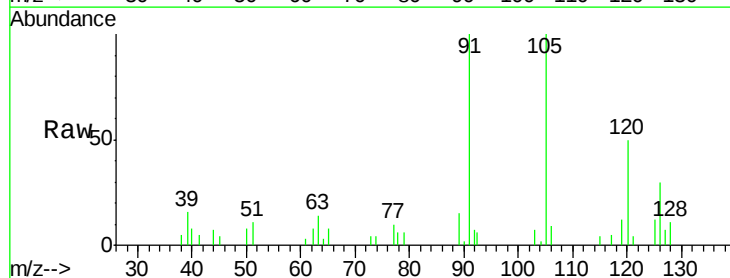
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2/16/2018 2:27:59 PM



#82
4-Chlorotoluene
Concen: 0.60 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX000075.D
Acq: 13 Feb 2018 14:29

Tgt Ion: 91 Resp: 2849
Ion Ratio Lower Upper
91 100
126 32.7 16.3 48.8





#83

tert-Butylbenzene

Concen: 0.57 ug/l

RT: 11.78 min Scan# 1836

Delta R.T. -0.00 min

Lab File: VX000075.D

Acq: 13 Feb 2018 14:29

Instrument :

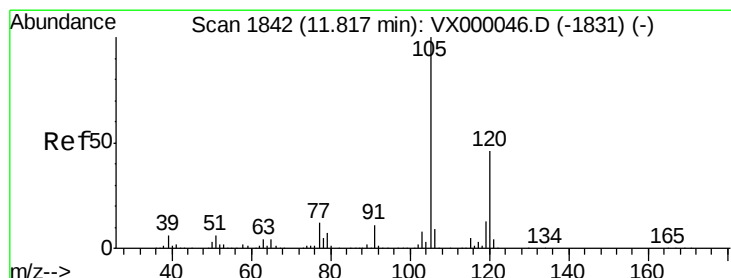
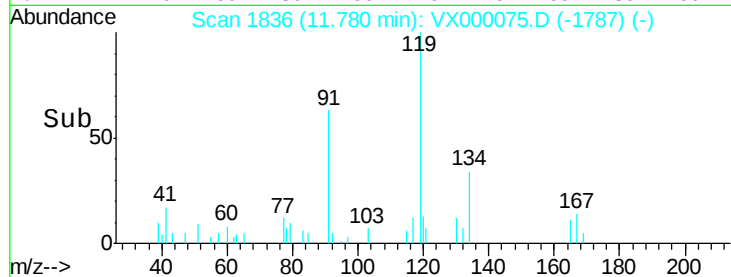
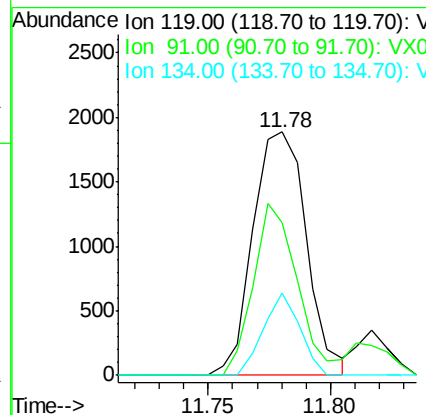
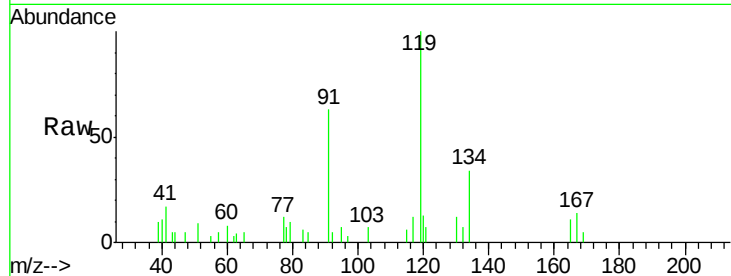
ClientSampled :

MDL07 0.5PPB

Tot Ion:	119	Resp:	2859
Ion Ratio	Lower	Upper	
119	100		
91	57.5	27.9	83.7
134	22.9	11.7	35.1

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2/16/2018 2:27:59 PM



#84

1,2,4-Trimethylbenzene

Concen: 0.58 ug/l

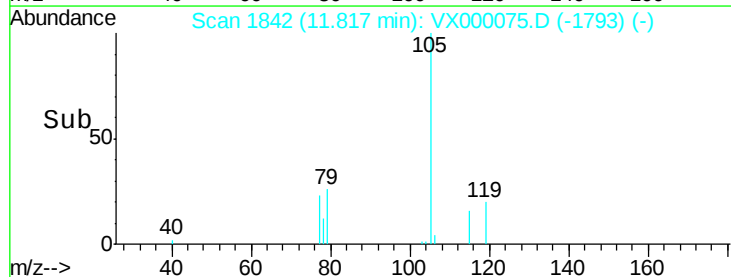
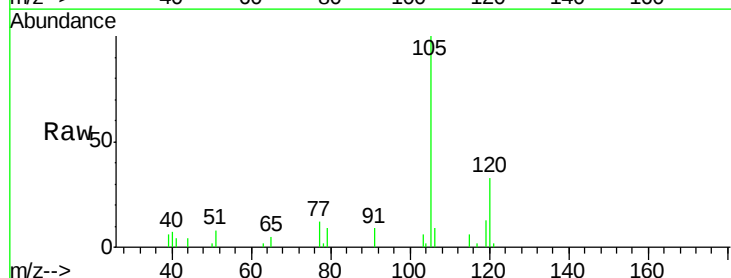
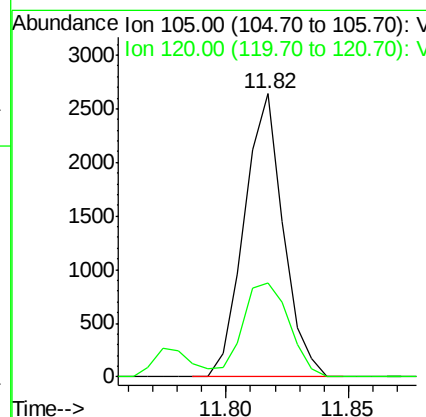
RT: 11.82 min Scan# 1842

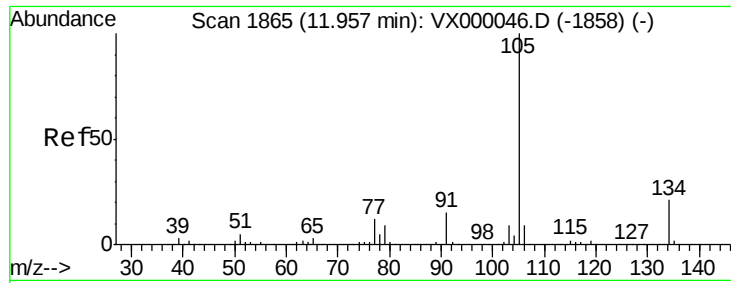
Delta R.T. -0.00 min

Lab File: VX000075.D

Acq: 13 Feb 2018 14:29

Tgt Ion:	105	Resp:	2934
Ion Ratio	Lower	Upper	
105	100		
120	39.7	23.4	70.2





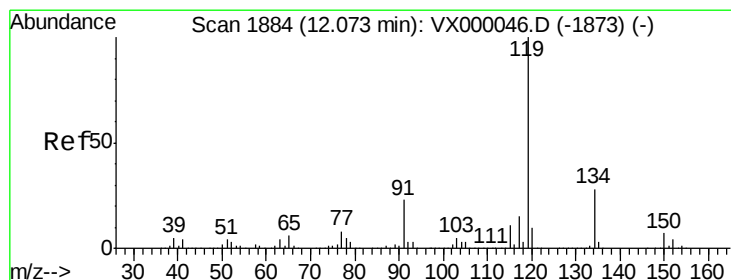
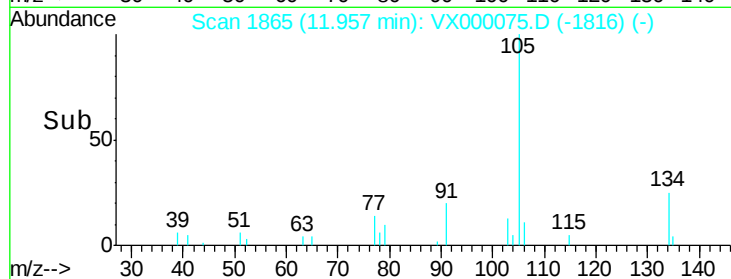
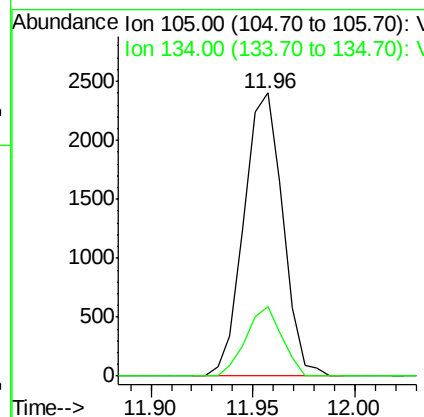
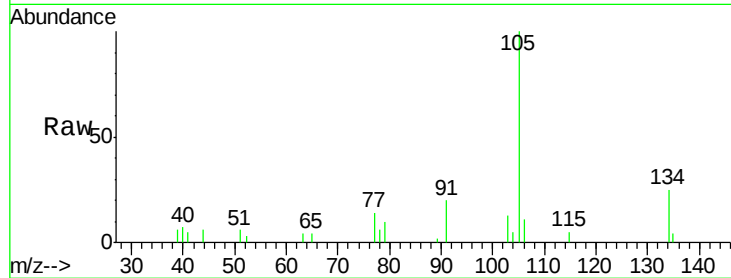
#85
 sec-Butylbenzene
 Concen: 0.51 ug/l
 RT: 11.96 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VX000075.D
 Acq: 13 Feb 2018 14:29

Instrument :
 Client Sampled :
 MDL07 0.5PPB

Tot Ion:105 Resp: 3174
 Ion Ratio Lower Upper
 105 100
 134 22.7 10.6 31.8

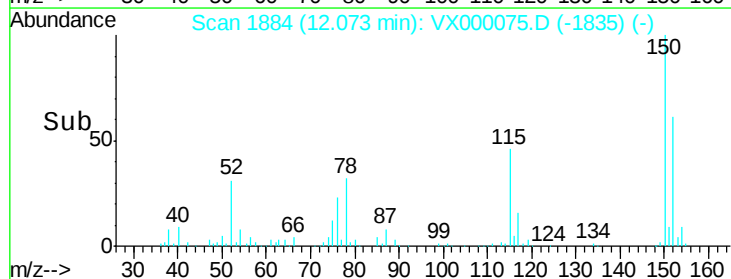
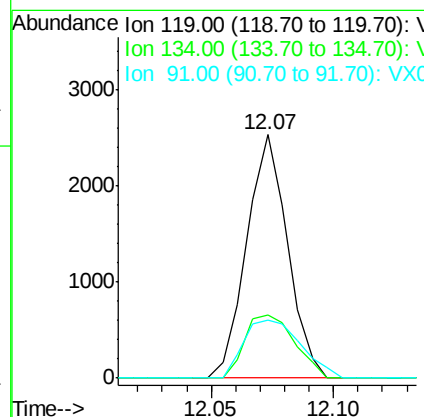
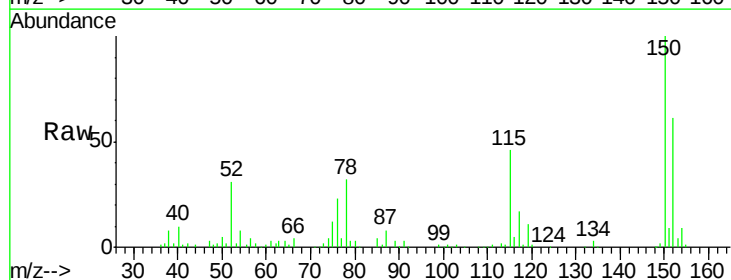
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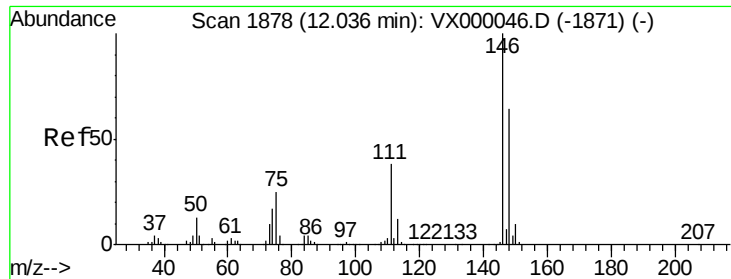
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 2/16/2018 2:27:59 PM



#86
 p-Isopropyltoluene
 Concen: 0.53 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VX000075.D
 Acq: 13 Feb 2018 14:29

Tgt Ion:119 Resp: 2930
 Ion Ratio Lower Upper
 119 100
 134 31.5 14.0 41.9
 91 33.3 11.6 34.7





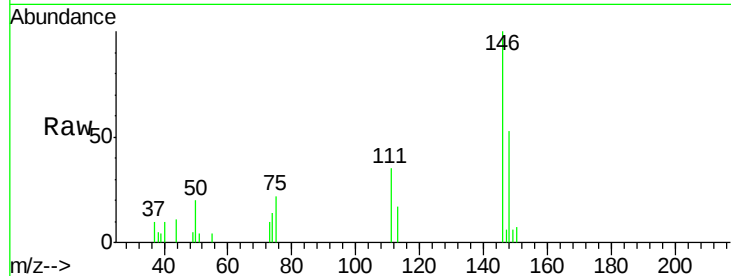
#87
 1,3-Dichlorobenzene
 Concen: 0.62 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.01 min
 Lab File: VX000075.D
 Acq: 13 Feb 2018 14:29

Instrument :
 ClientSampled :
 MDL07 0.5PPB

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	18.9	56.9
148	57.4	31.8	95.4

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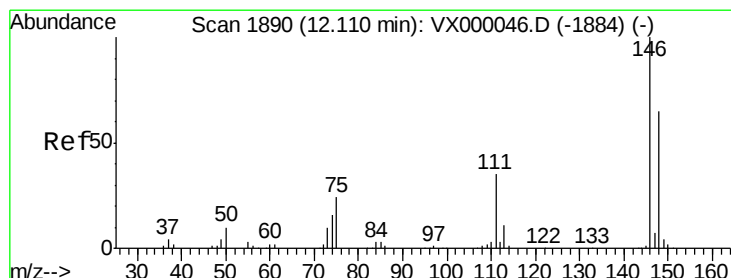
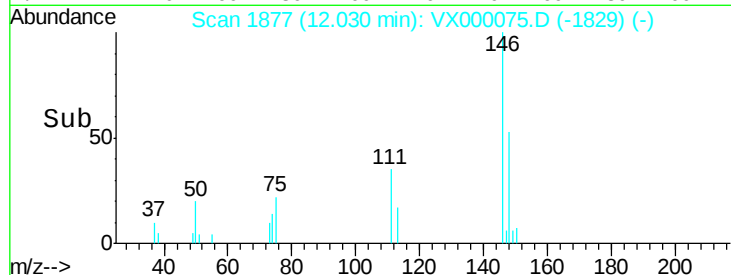
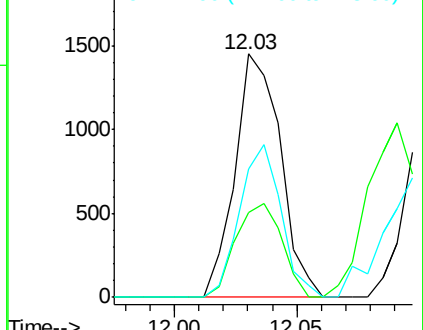


Abundance

Ion 145.90 (145.60 to 146.60): V

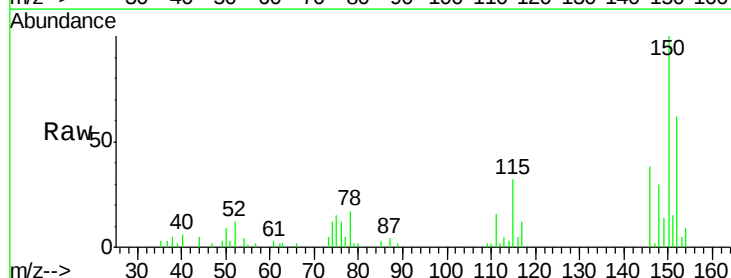
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88
 1,4-Dichlorobenzene
 Concen: 0.61 ug/l m
 RT: 12.11 min Scan# 1890
 Delta R.T. -0.00 min
 Lab File: VX000075.D
 Acq: 13 Feb 2018 14:29

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.9	18.7	56.1
148	56.8	32.1	96.5

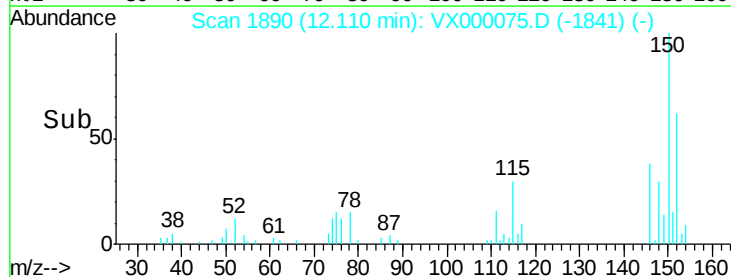
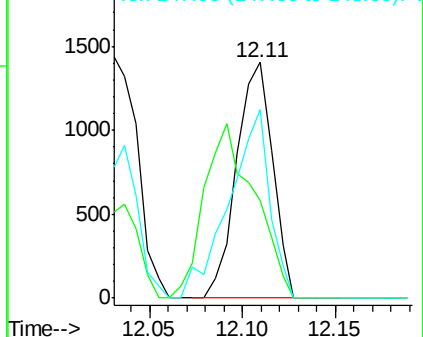


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





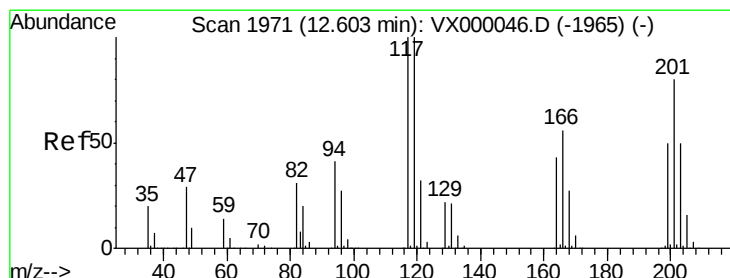
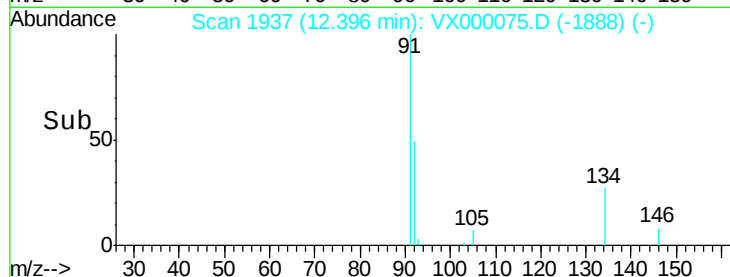
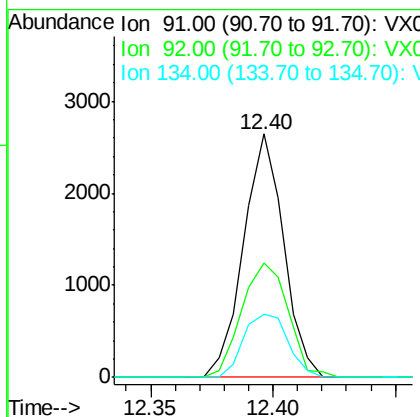
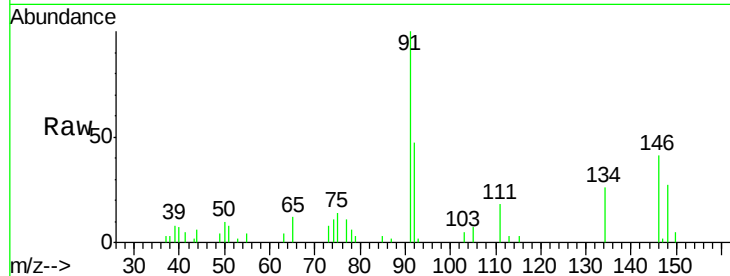
#89
n-Butylbenzene
Concen: 0.58 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000075.D
Acq: 13 Feb 2018 14:29

Instrument :
ClientSampled :
MDL07 0.5PPB

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.6	26.1	78.2
134	28.7	14.1	42.2

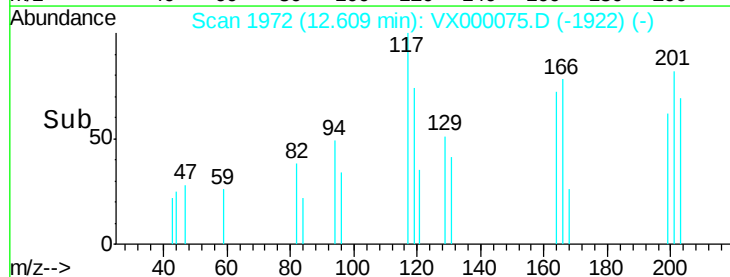
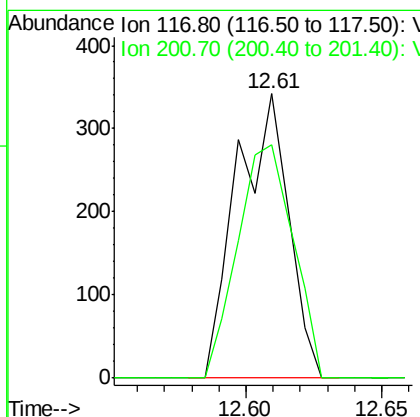
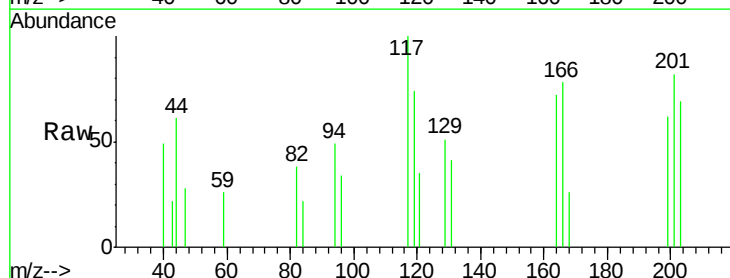
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#90
Hexachloroethane
Concen: 0.46 ug/l
RT: 12.61 min Scan# 1972
Delta R.T. 0.01 min
Lab File: VX000075.D
Acq: 13 Feb 2018 14:29

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.0	43.5	130.7





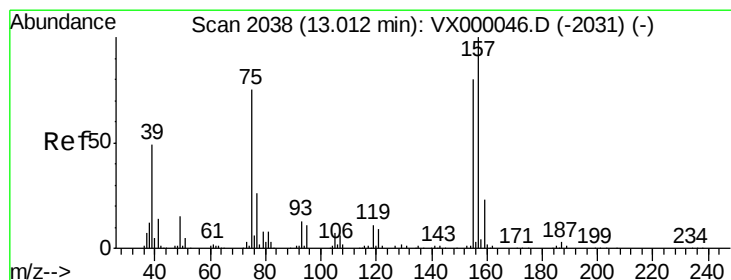
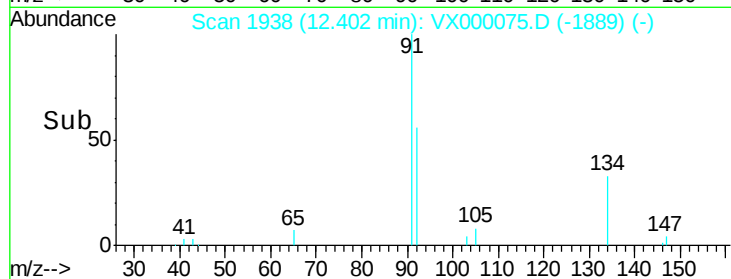
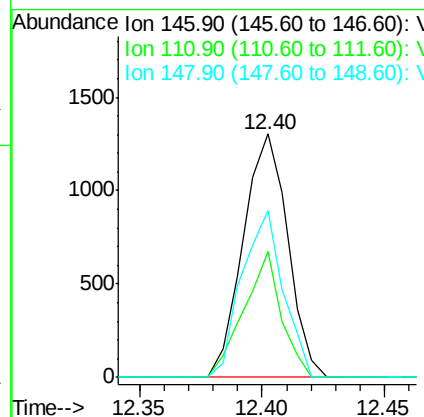
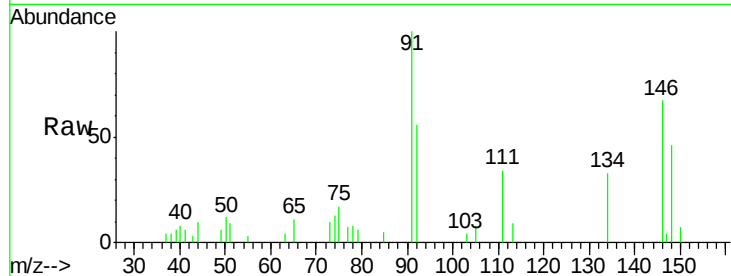
#91
 1,2-Dichlorobenzene
 Concen: 0.56 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VX000075.D
 Acq: 13 Feb 2018 14:29

Instrument :
 ClientSampled :
 MDL07 0.5PPB

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.5	19.4	58.2
148	63.6	32.0	96.2

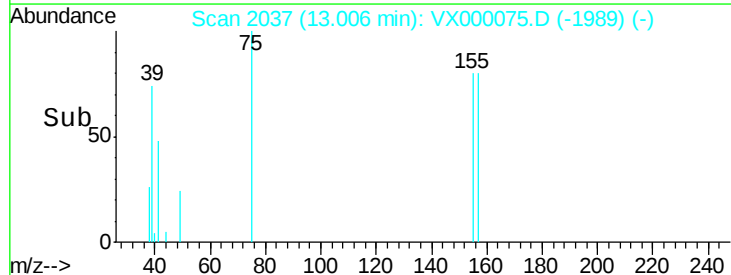
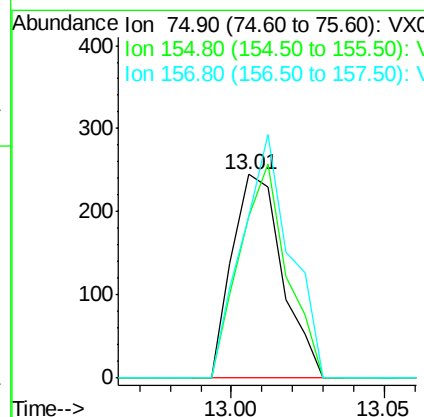
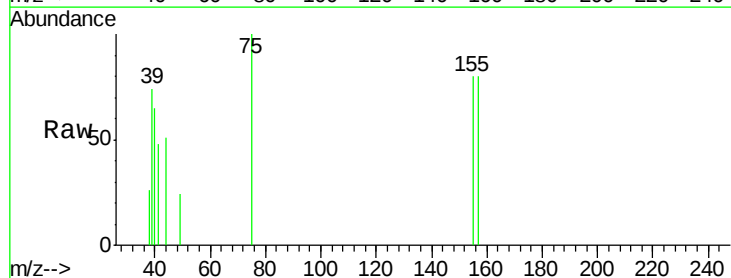
Manual Integrations
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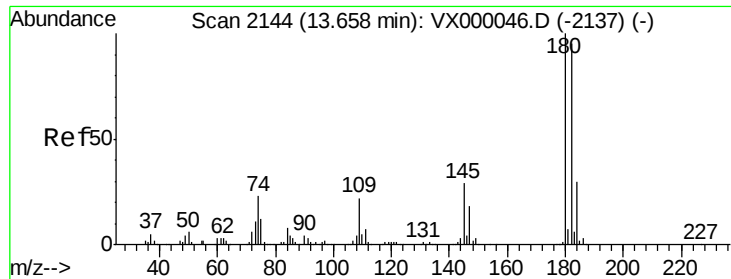
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.48 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.01 min
 Lab File: VX000075.D
 Acq: 13 Feb 2018 14:29

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.9	52.0	156.0
157	114.7	65.3	195.9





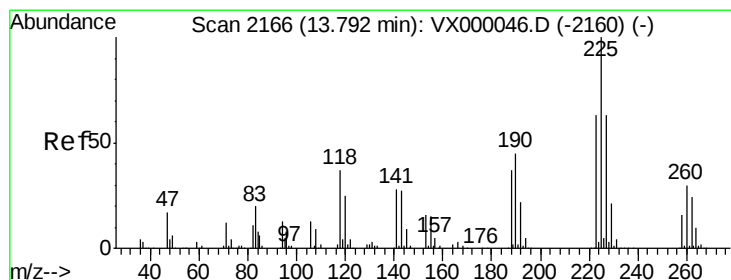
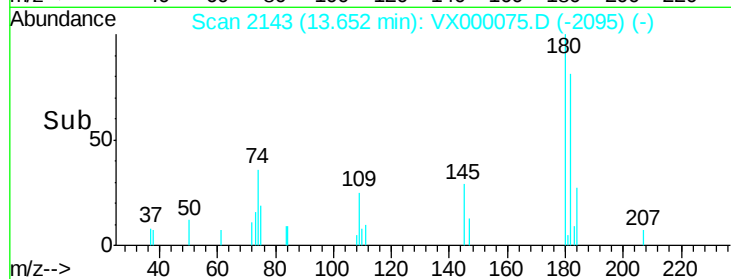
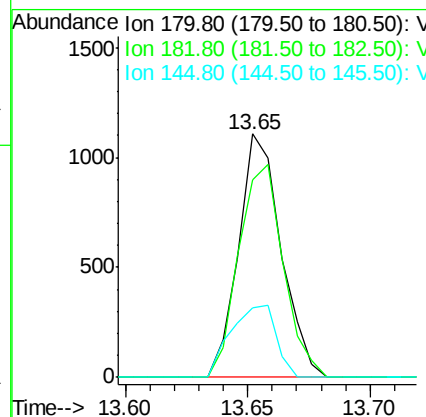
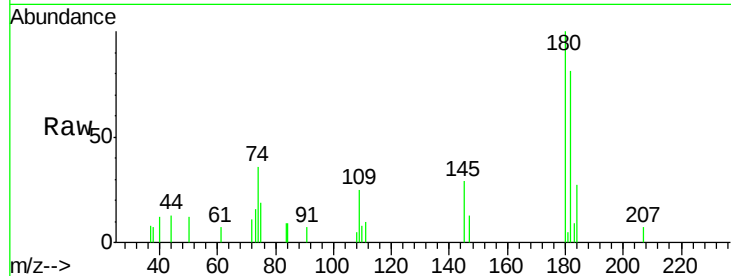
#93
 1,2,4-Trichlorobenzene
 Concen: 0.59 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.01 min
 Lab File: VX000075.D
 Acq: 13 Feb 2018 14:29

Instrument :
 ClientSampled :
 MDL07 0.5PPB

Tot Ion	Ratio	Lower	Upper
180	100		
182	91.9	48.0	144.0
145	31.4	14.7	44.1

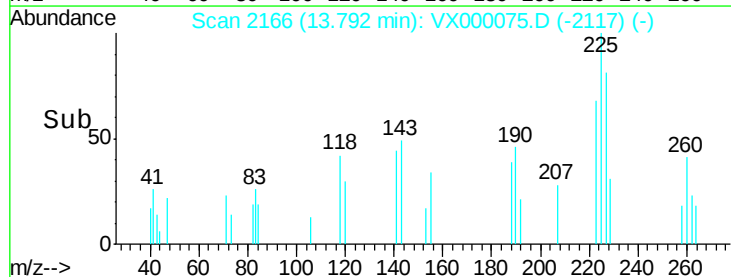
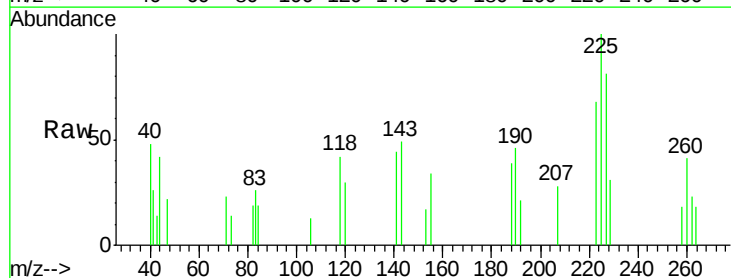
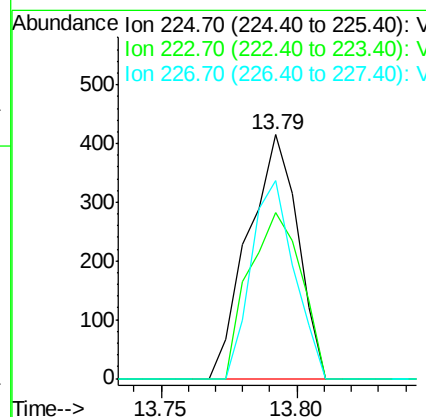
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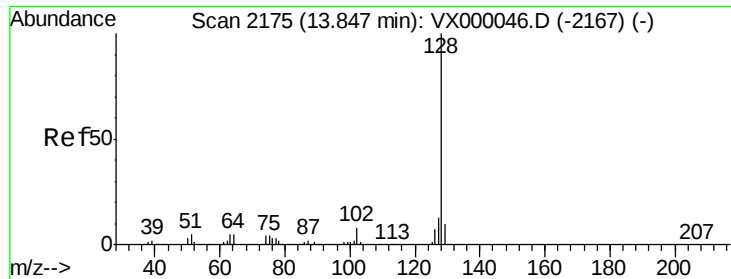
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#94
 Hexachlorobutadiene
 Concen: 0.49 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000075.D
 Acq: 13 Feb 2018 14:29

Tgt Ion	Ratio	Lower	Upper
225	100		
223	71.6	31.9	95.5
227	70.1	31.6	95.0





#95

Naphthalene

Concen: 0.57 ug/l

RT: 13.85 min Scan# 2175

Delta R.T. -0.00 min

Lab File: VX000075.D

Acq: 13 Feb 2018 14:29

Instrument :

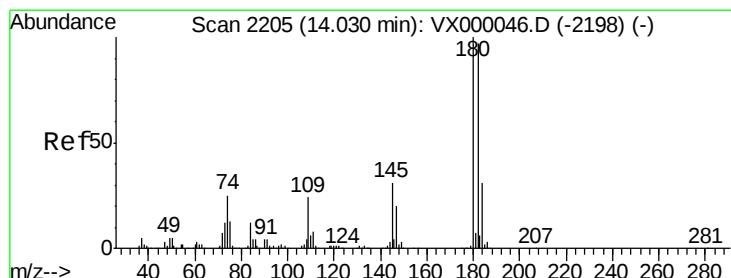
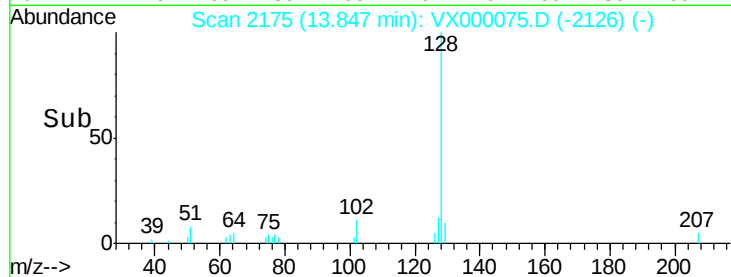
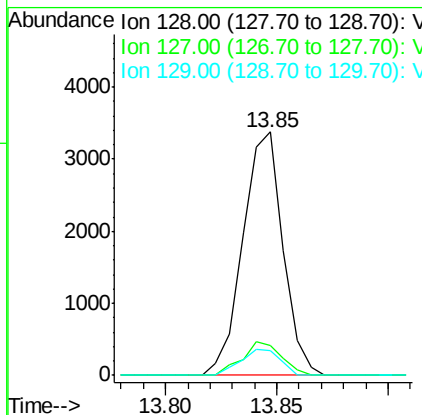
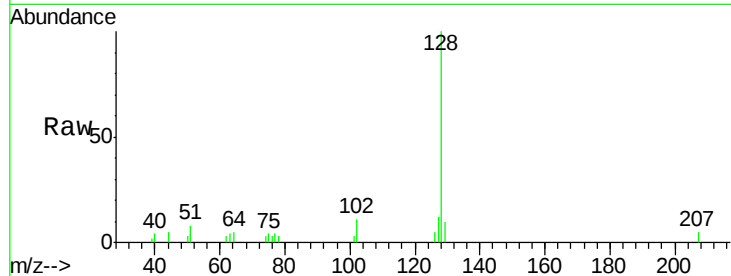
ClientSampled :

MDL07 0.5PPB

Tot Ion:	128	Resp:	4244
Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.3	15.5
129	10.7	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
2/16/2018 2:27:59 PM



#96

1,2,3-Trichlorobenzene

Concen: 0.61 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. -0.00 min

Lab File: VX000075.D

Acq: 13 Feb 2018 14:29

Tgt Ion:	180	Resp:	1340
Ion	Ratio	Lower	Upper
180	100		
182	84.6	47.9	143.7
145	26.6	15.7	47.0

