

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX021218\
 Data File : VX000060.D
 Acq On : 12 Feb 2018 12:34
 Operator : JC/MD
 Sample : MDL 04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ClientSampled :
 MDL 04

Manual Integrations
 APPROVED

MMDadoda
 2/15/2018 6:05:08 PM

Quant Time: Feb 15 17:13:55 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	135014	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	214504	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	201855	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	111513	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.08	65	70926	50.28	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.56%	
35) Dibromofluoromethane	5.51	113	60933	48.65	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.30%	
50) Toluene-d8	8.73	98	225797	48.44	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.88%	
62) 4-Bromofluorobenzene	11.15	95	91226	48.13	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.26%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	638	0.52	ug/l	81
3) Chloromethane	1.32	50	778	0.62	ug/l	97
4) Vinyl Chloride	1.41	62	822	0.59	ug/l #	74
5) Bromomethane	1.65	94	953	1.27	ug/l	88
6) Chloroethane	1.73	64	1603m	1.90	ug/l	
7) Trichlorofluoromethane	1.93	101	1196	0.49	ug/l	100
8) Diethyl Ether	2.19	74	493	0.56	ug/l #	23
9) 1,1,2-Trichlorotrifluoroet	2.40	101	791	0.57	ug/l	92
10) Methyl Iodide	2.53	142	1013	2.28	ug/l #	95
11) Tert butyl alcohol	3.07	59	1914	3.39	ug/l #	73
12) 1,1-Dichloroethene	2.39	96	776	0.59	ug/l #	75
13) Acrolein	2.29	56	1065	3.68	ug/l #	74
14) Allyl chloride	2.73	41	1310	0.57	ug/l	96
15) Acrylonitrile	3.16	53	2909	2.96	ug/l	95
16) Acetone	2.45	43	2888	3.46	ug/l	100
17) Carbon Disulfide	2.58	76	2453	0.64	ug/l	97
18) Methyl Acetate	2.78	43	1826	0.87	ug/l	91
19) Methyl tert-butyl Ether	3.21	73	2325	0.52	ug/l #	84
20) Methylene Chloride	2.86	84	953	0.68	ug/l #	88
21) trans-1,2-Dichloroethene	3.17	96	861	0.61	ug/l	99
22) Diisopropyl ether	3.87	45	2422	0.64	ug/l #	89
23) Vinyl Acetate	3.83	43	9823	2.88	ug/l	99
24) 1,1-Dichloroethane	3.71	63	1307	0.56	ug/l #	93
25) 2-Butanone	4.71	43	4126	3.27	ug/l	96
26) 2,2-Dichloropropane	4.60	77	1212	0.60	ug/l #	55
27) cis-1,2-Dichloroethene	4.60	96	690	0.50	ug/l	87
28) Bromochloromethane	5.03	49	491	0.63	ug/l #	81
29) Tetrahydrofuran	5.18	42	2899	3.36	ug/l	96
30) Chloroform	5.23	83	1298	0.55	ug/l #	76
31) Cyclohexane	5.59	56	1218	0.63	ug/l	92
32) 1,1,1-Trichloroethane	5.51	97	1137	0.51	ug/l #	49
36) 1,1-Dichloropropene	5.81	75	1185	0.63	ug/l #	82
37) Ethyl Acetate	4.87	43	1806	0.75	ug/l #	75
38) Carbon Tetrachloride	5.79	117	1226	0.58	ug/l #	81

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 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)
39) Methylcyclohexane	7.46	83	1180	0.52	ug/l #	88
40) Benzene	6.15	78	2765	0.52	ug/l	94
41) Methacrylonitrile	5.07	41	965m	0.78	ug/l	
42) 1,2-Dichloroethane	6.20	62	1034	0.55	ug/l	87
43) Isopropyl Acetate	6.48	43	1942	0.53	ug/l #	89
44) Trichloroethene	7.23	130	780	0.48	ug/l	93
45) 1,2-Dichloropropane	7.52	63	712	0.55	ug/l	98
46) Dibromomethane	7.67	93	589	0.59	ug/l #	84
47) Bromodichloromethane	7.91	83	969	0.50	ug/l #	89
48) Methyl methacrylate	7.79	41	1079	0.60	ug/l	90
49) 1,4-Dioxane	7.77	88	467	9.82	ug/l #	65
51) 4-Methyl-2-Pentanone	8.66	43	6766	2.67	ug/l	93
52) Toluene	8.79	92	1734	0.49	ug/l	93
53) t-1,3-Dichloropropene	8.45	75	976	0.43	ug/l #	78
54) cis-1,3-Dichloropropene	9.05	75	1098	0.50	ug/l	93
55) 1,1,2-Trichloroethane	9.22	97	777	0.52	ug/l	93
56) Ethyl methacrylate	9.19	69	1242	0.54	ug/l	90
57) 1,3-Dichloropropane	9.38	76	1168	0.50	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	3190	2.83	ug/l	99
59) 2-Hexanone	9.51	43	5529	2.68	ug/l	94
60) Dibromochloromethane	9.59	129	838	0.49	ug/l	94
61) 1,2-Dibromoethane	9.68	107	760	0.46	ug/l	89
64) Tetrachloroethene	9.34	164	842	0.56	ug/l	86
65) Chlorobenzene	10.15	112	2083	0.50	ug/l	93
66) 1,1,1,2-Tetrachloroethane	10.23	131	699	0.46	ug/l #	66
67) Ethyl Benzene	10.26	91	3571	0.51	ug/l	99
68) m/p-Xylenes	10.37	106	2987	1.08	ug/l	94
69) o-Xylene	10.71	106	1332	0.50	ug/l	97
70) Styrene	10.72	104	2020	0.45	ug/l	96
71) Bromoform	10.87	173	629	0.44	ug/l #	93
73) Isopropylbenzene	11.03	105	3834	0.54	ug/l	97
74) N-amyl acetate	6.48	43	1942	0.55	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.27	83	1173	0.49	ug/l	95
76) 1,2,3-Trichloropropane	11.31	75	1304m	0.62	ug/l	
77) Bromobenzene	11.26	156	899	0.47	ug/l	86
78) n-propylbenzene	11.37	91	4399	0.54	ug/l	97
79) 2-Chlorotoluene	11.43	91	2737	0.58	ug/l	98
80) 1,3,5-Trimethylbenzene	11.52	105	2976	0.50	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.08	75	353m	0.42	ug/l	
82) 4-Chlorotoluene	11.52	91	3078	0.54	ug/l	100
83) tert-Butylbenzene	11.78	119	3066	0.51	ug/l	95
84) 1,2,4-Trimethylbenzene	11.82	105	3346	0.55	ug/l	93
85) sec-Butylbenzene	11.96	105	3913	0.53	ug/l	93
86) p-Isopropyltoluene	12.07	119	3477	0.52	ug/l	88
87) 1,3-Dichlorobenzene	12.04	146	1948	0.54	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	2186m	0.59	ug/l	
89) n-Butylbenzene	12.40	91	3367	0.54	ug/l	98
90) Hexachloroethane	12.60	117	600	0.52	ug/l	72
91) 1,2-Dichlorobenzene	12.40	146	1796	0.51	ug/l	93
92) 1,2-Dibromo-3-Chloropropan	13.01	75	360	0.52	ug/l	93

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	1545	0.57	ug/l	95
94) Hexachlorobutadiene	13.79	225	739	0.58	ug/l	87
95) Naphthalene	13.84	128	4788	0.54	ug/l #	97
96) 1,2,3-Trichlorobenzene	14.03	180	1527	0.58	ug/l	91

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

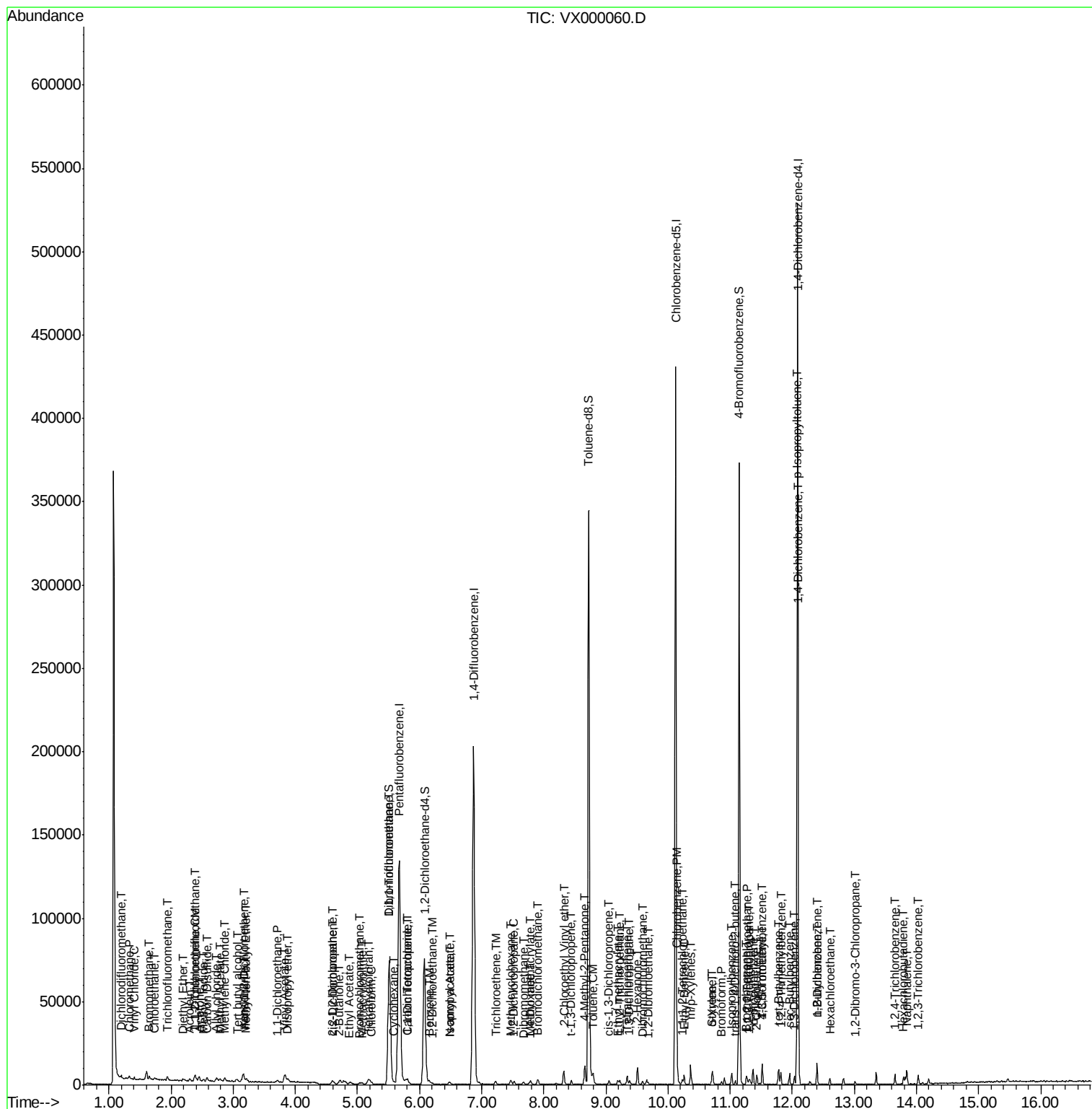
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Data Path : W:\HPCHEM1\MSVOA X\DATA\VX021218\  
Data File : VX000060.D  
Acq On    : 12 Feb 2018  12:34  
Operator  : JC/MD  
Sample    : MDL 04  
Misc      : 5.0mL/MSVOA X/WATER  
ALS Vial  : 4      Sample Multiplier: 1
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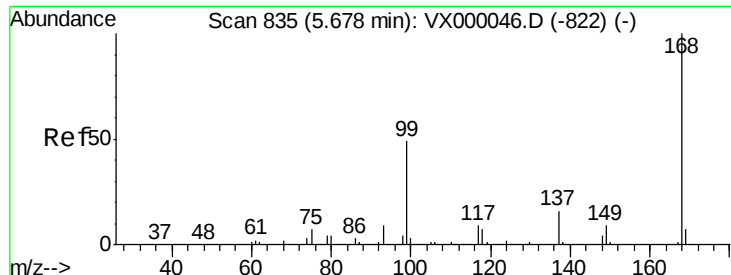
Instrument :
ClientSampleId :
MDL 04

Manual Integrations APPROVED

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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: VX000060.D

Acq: 12 Feb 2018 12:34

Instrument :

ClientSampled :

MDL 04

Tot Ion:168 Resp: 135014

Ion Ratio Lower Upper

168 100

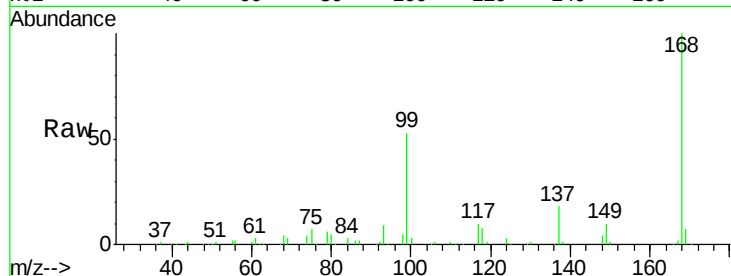
99 52.7 39.4 59.2

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

50000

40000

30000

20000

10000

0

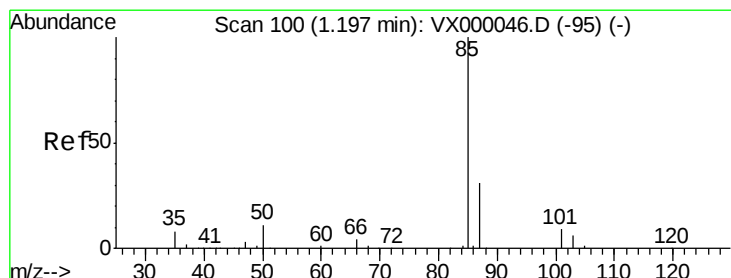
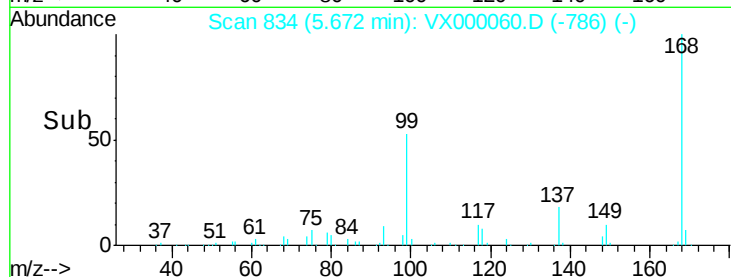
5.50

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 0.52 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000060.D

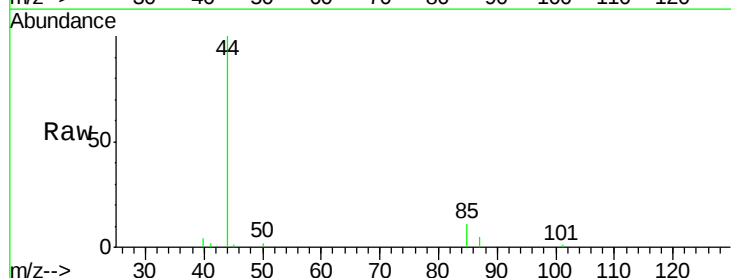
Acq: 12 Feb 2018 12:34

Tgt Ion: 85 Resp: 638

Ion Ratio Lower Upper

85 100

87 41.6 15.7 47.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

600

500

400

300

200

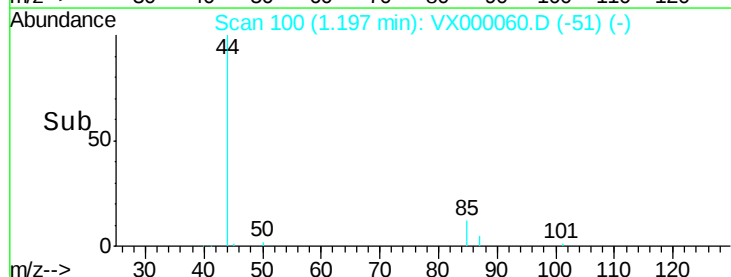
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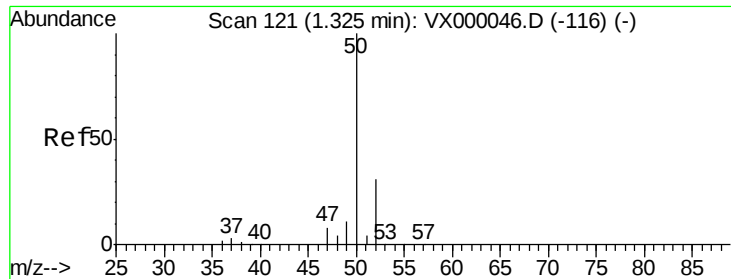
0

1.20

1.25

Time-->





#3

Chloromethane

Concen: 0.62 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000060.D

Acq: 12 Feb 2018 12:34

Instrument :

ClientSampled :

MDL 04

Tot Ion: 50 Resp: 778

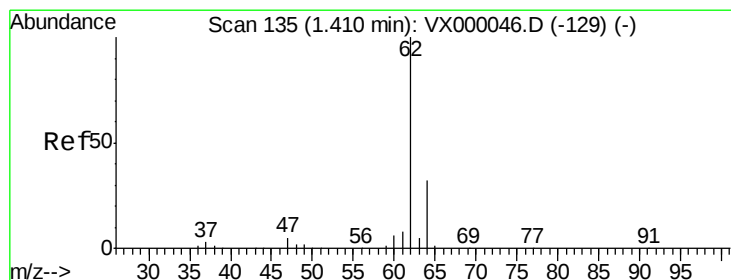
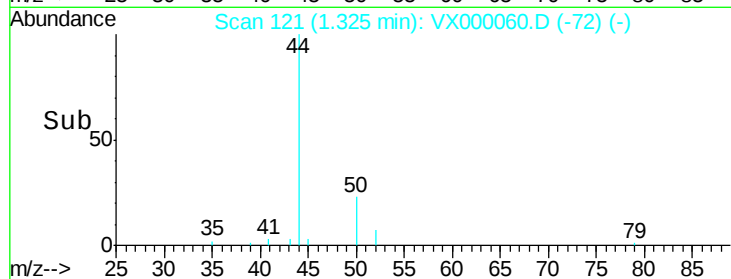
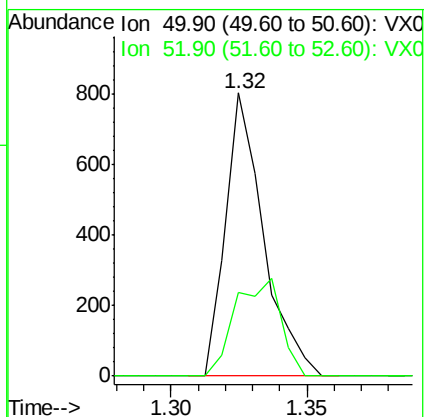
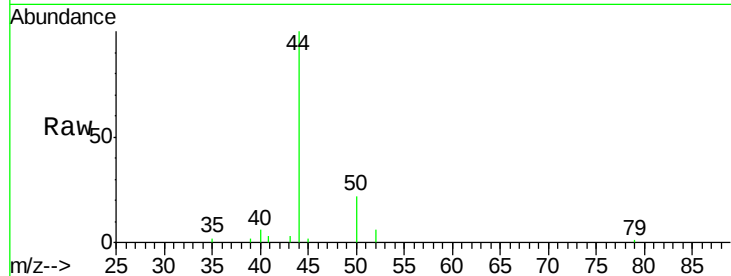
Ion Ratio Lower Upper

50 100

52 29.6 25.0 37.6

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#4

Vinyl Chloride

Concen: 0.59 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX000060.D

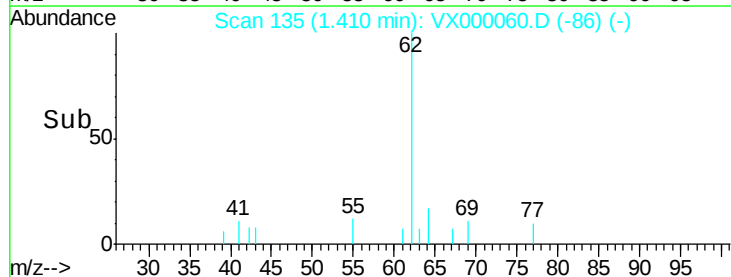
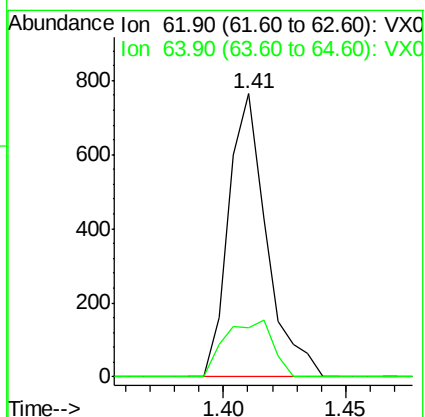
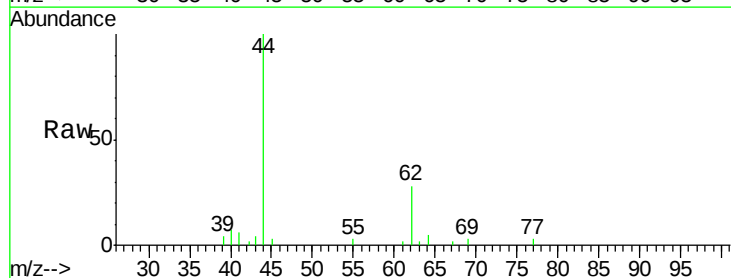
Acq: 12 Feb 2018 12:34

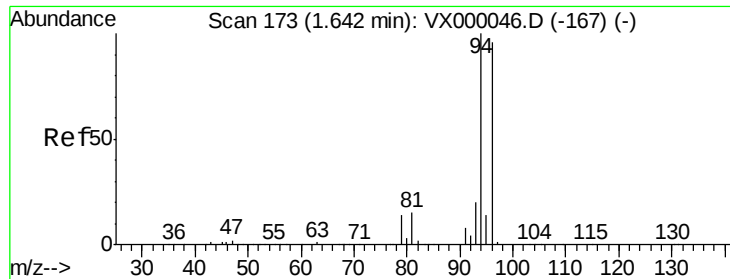
Tgt Ion: 62 Resp: 822

Ion Ratio Lower Upper

62 100

64 17.1 25.4 38.0#





#5

Bromomethane

Concen: 1.27 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX000060.D

Acq: 12 Feb 2018 12:34

Instrument :

ClientSampled :

MDL 04

Tot Ion: 94 Resp: 953

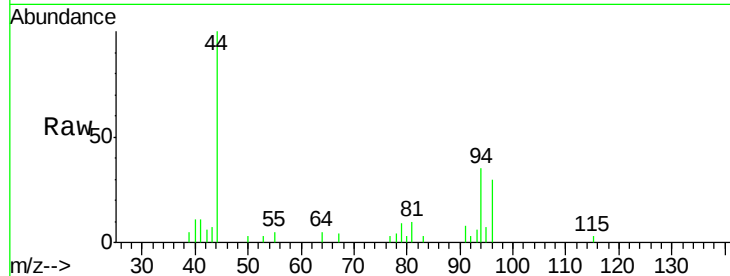
Ion Ratio Lower Upper

94 100

96 84.1 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

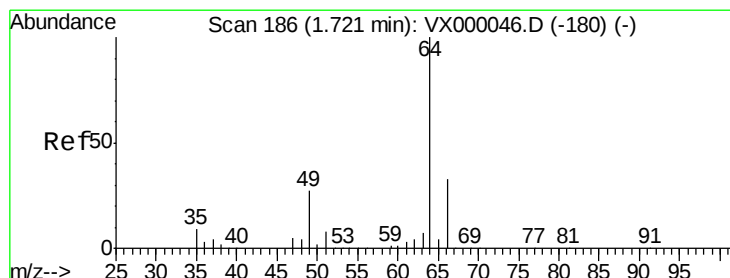
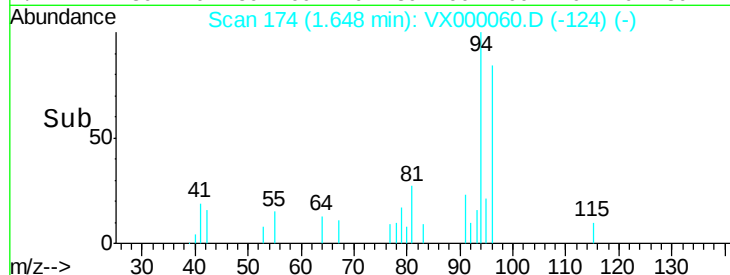
600

400

200

0

Time-->



#6

Chloroethane

Concen: 1.90 ug/l m

RT: 1.73 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX000060.D

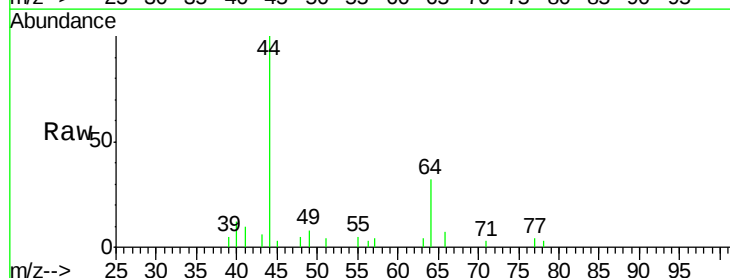
Acq: 12 Feb 2018 12:34

Tgt Ion: 64 Resp: 1603

Ion Ratio Lower Upper

64 100

66 21.4 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

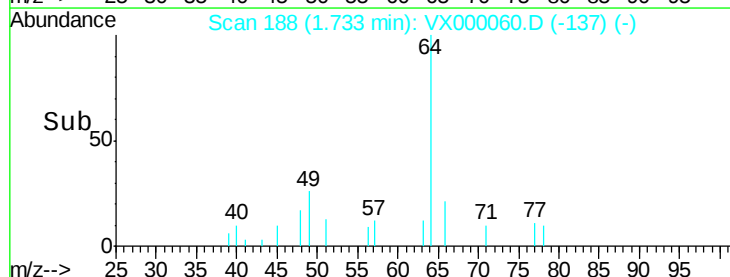
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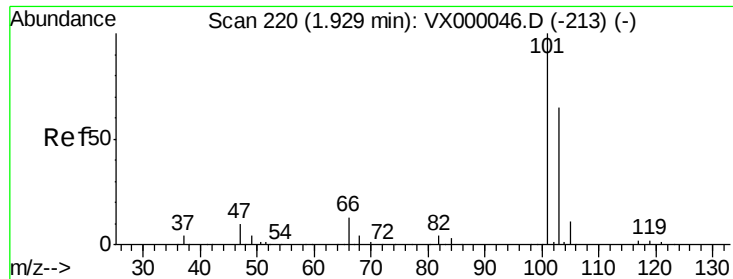
400

200

0

Time-->





#7

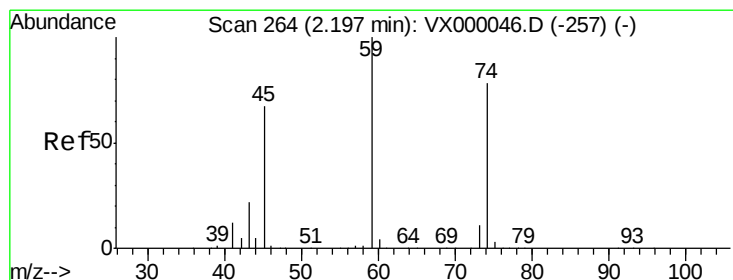
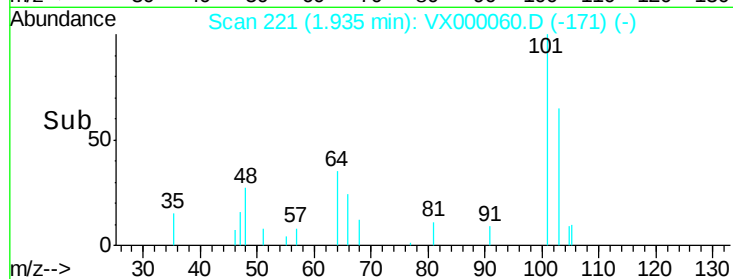
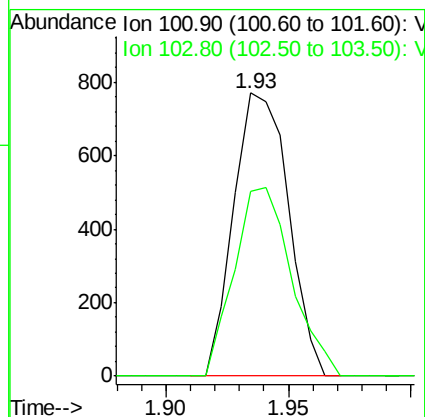
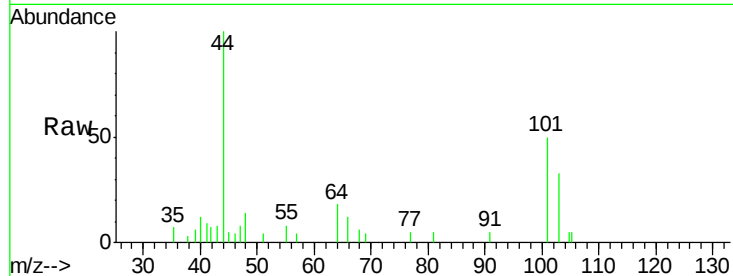
Trichlorofluoromethane
Concen: 0.49 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.01 min
Lab File: VX000060.D
Acq: 12 Feb 2018 12:34

Instrument :
ClientSampled :
MDL 04

Tot Ion:101 Resp: 1196
Ion Ratio Lower Upper
101 100
103 65.5 52.3 78.5

Manual Integrations
APPROVED

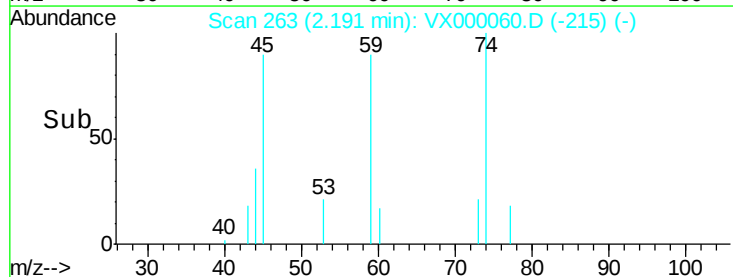
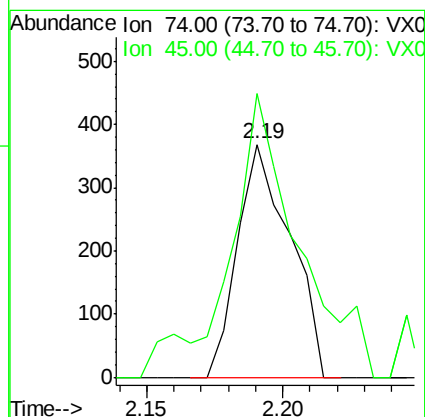
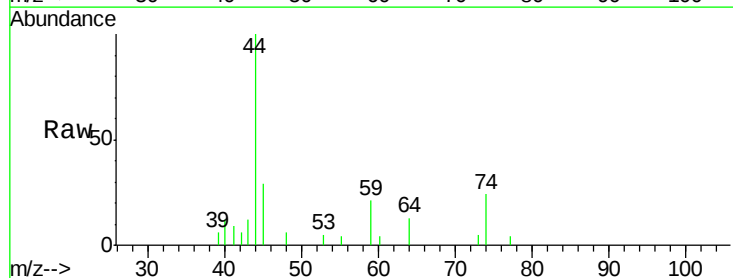
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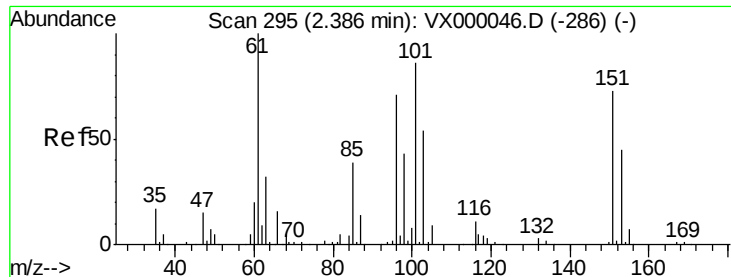


#8

Diethyl Ether
Concen: 0.56 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.01 min
Lab File: VX000060.D
Acq: 12 Feb 2018 12:34

Tgt Ion: 74 Resp: 493
Ion Ratio Lower Upper
74 100
45 160.0 44.3 132.8#





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.57 ug/l

RT: 2.40 min Scan# 297

Delta R.T. 0.01 min

Lab File: VX000060.D

Acq: 12 Feb 2018 12:34

Instrument :

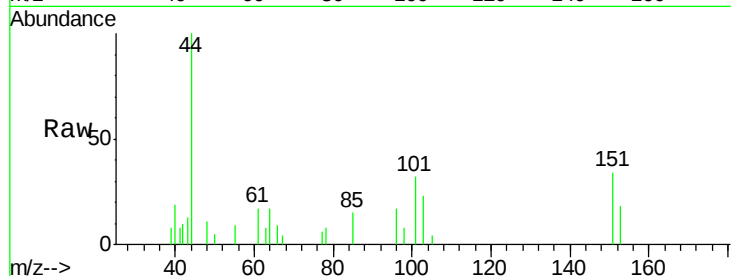
ClientSampled :

MDL 04

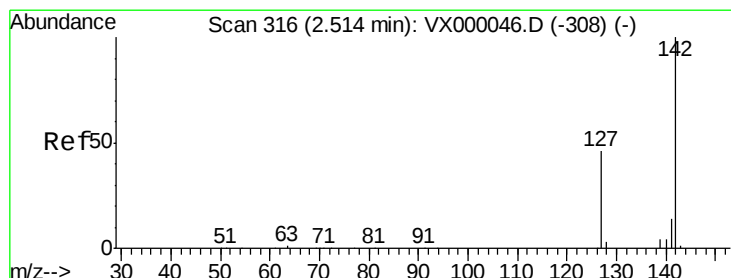
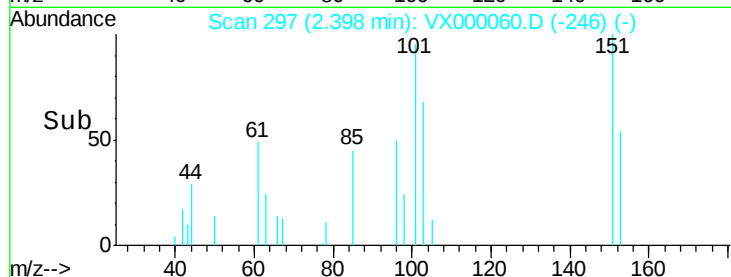
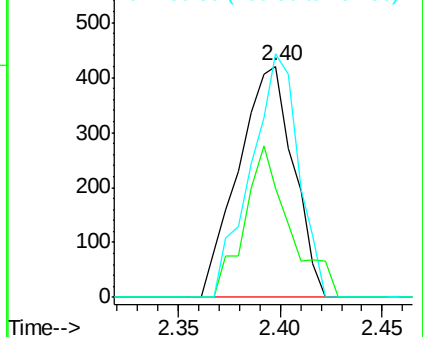
Tot Ion:	101	Resp:	791
Ion Ratio	Lower	Upper	
101	100		
85	53.6	36.6	54.8
151	90.9	68.8	103.2

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 2.28 ug/l

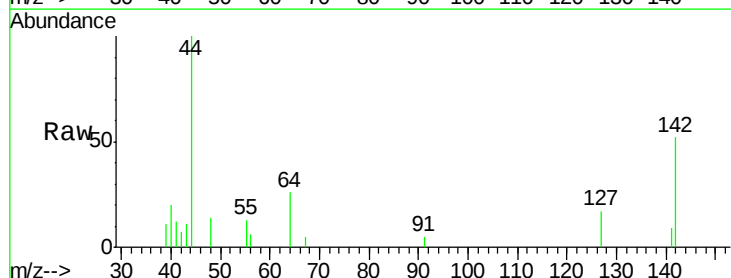
RT: 2.53 min Scan# 318

Delta R.T. 0.01 min

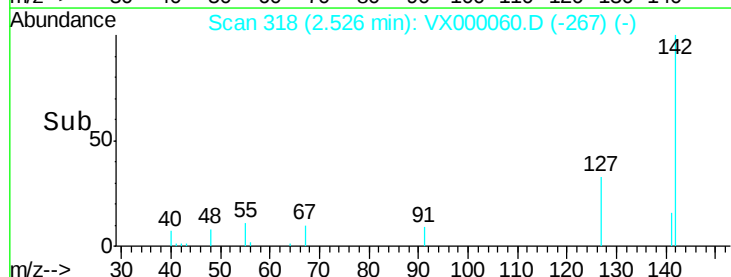
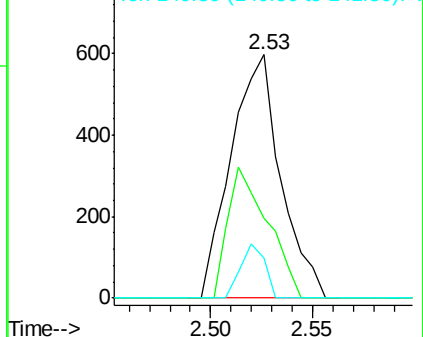
Lab File: VX000060.D

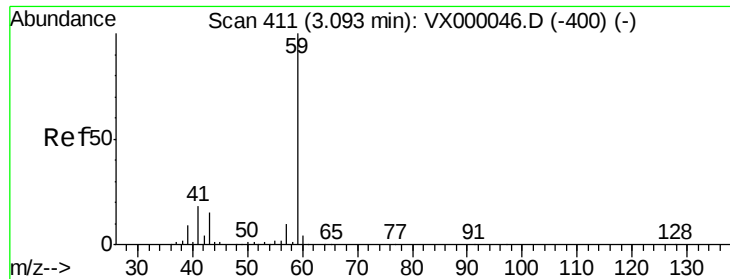
Acq: 12 Feb 2018 12:34

Tgt Ion:	142	Resp:	1013
Ion Ratio	Lower	Upper	
142	100		
127	43.0	36.8	55.2
141	10.7	11.4	17.0#



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





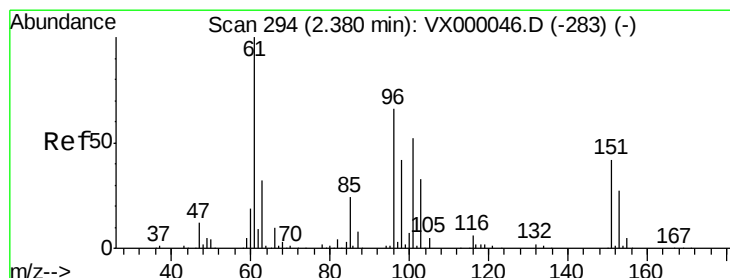
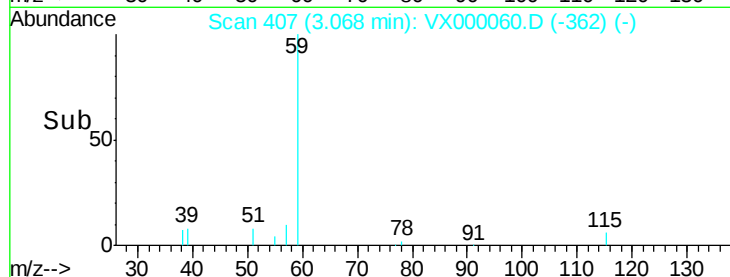
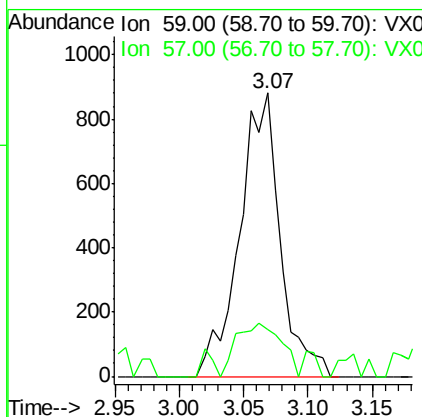
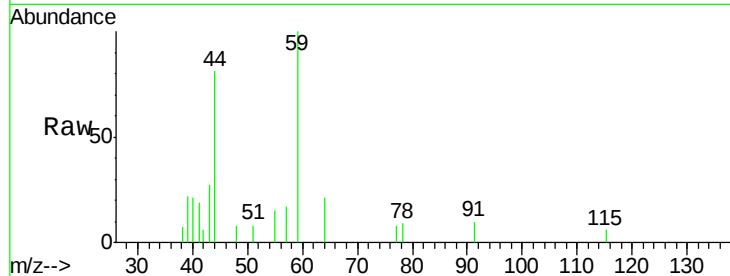
#11
Tert butyl alcohol
Concen: 3.39 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.02 min
Lab File: VX000060.D
Acq: 12 Feb 2018 12:34

Instrument :
Client Sampled :
MDL 04

Tot Ion: 59 Resp: 1914
Ion Ratio Lower Upper
59 100
57 20.8 8.4 12.6#

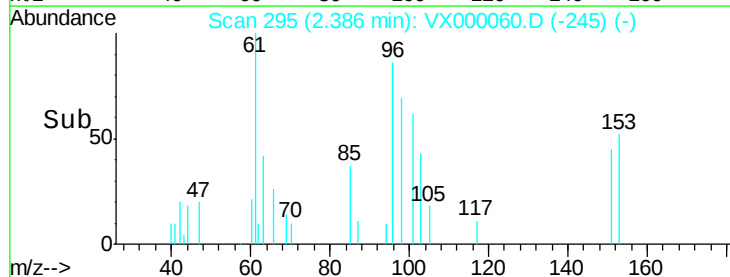
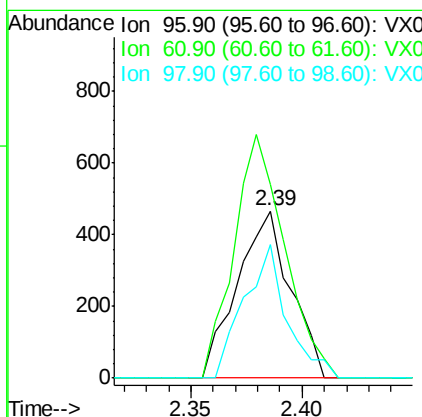
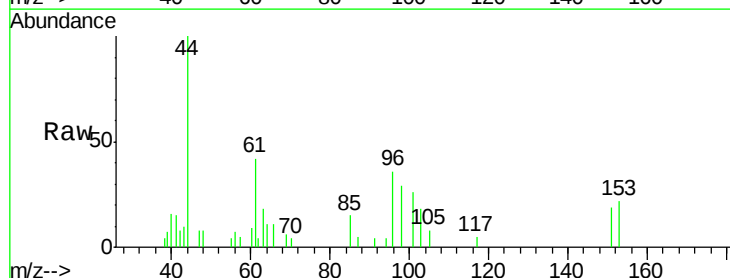
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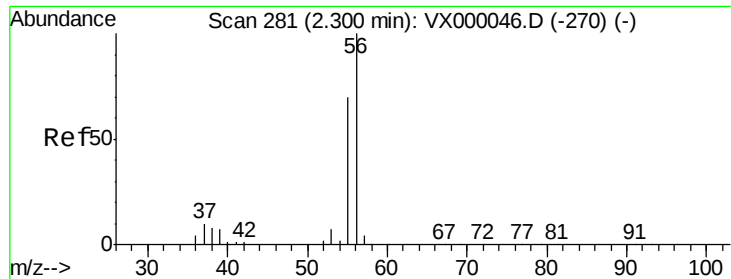
MMDadoda
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#12
1,1-Dichloroethene
Concen: 0.59 ug/l
RT: 2.39 min Scan# 295
Delta R.T. 0.01 min
Lab File: VX000060.D
Acq: 12 Feb 2018 12:34

Tgt Ion: 96 Resp: 776
Ion Ratio Lower Upper
96 100
61 115.6 120.3 180.5#
98 79.7 51.0 76.4#





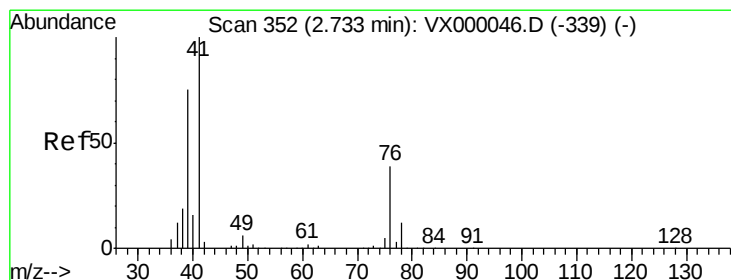
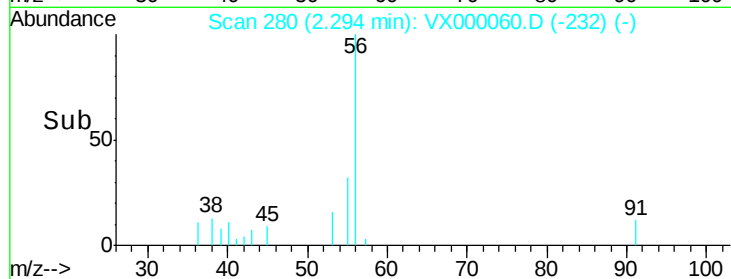
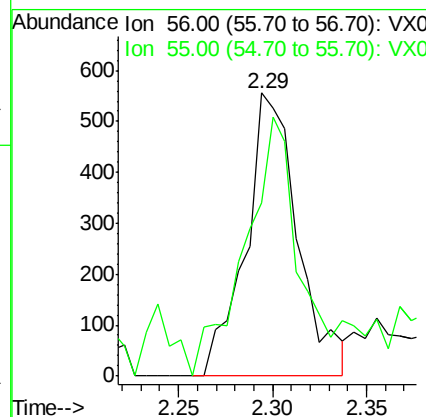
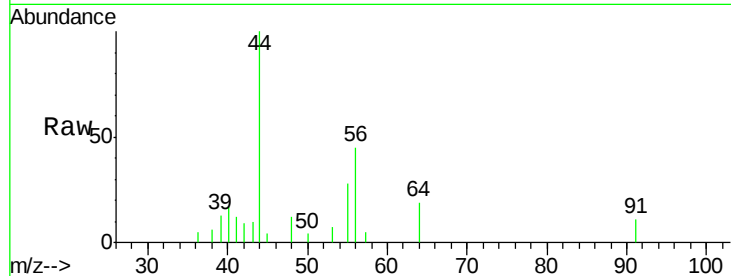
#13
Acrolein
Concen: 3.68 ug/l
RT: 2.29 min Scan# 280
Delta R.T. -0.01 min
Lab File: VX000060.D
Acq: 12 Feb 2018 12:34

Instrument :
ClientSampled :
MDL 04

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
55	92.3	56.4	84.6#	

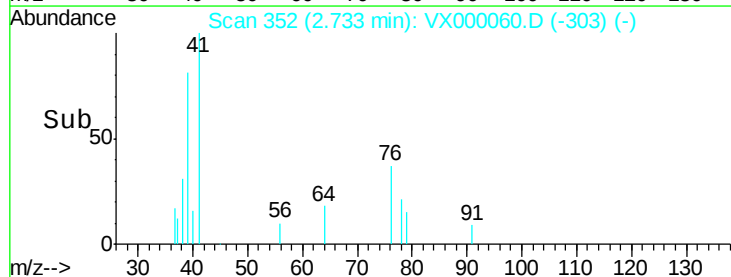
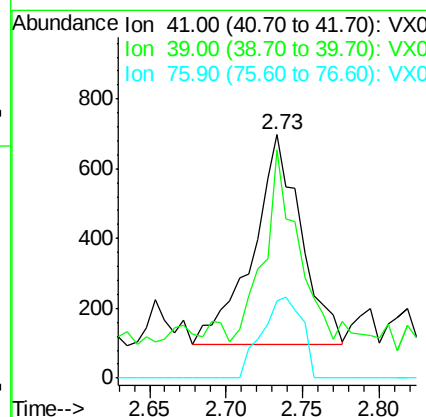
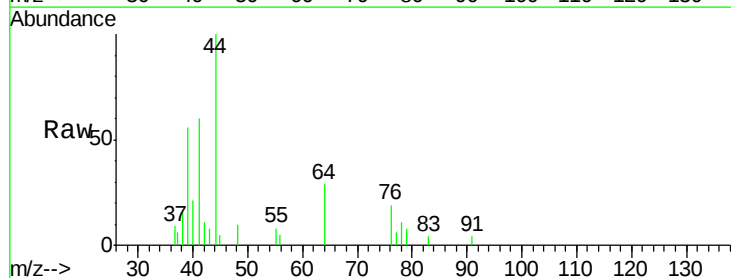
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#14
Allyl chloride
Concen: 0.57 ug/l
RT: 2.73 min Scan# 352
Delta R.T. -0.00 min
Lab File: VX000060.D
Acq: 12 Feb 2018 12:34

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	67.4	55.8	83.6	
76	32.4	28.7	43.1	





#15

Acrylonitrile

Concen: 2.96 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.00 min

Lab File: VX000060.D

Acq: 12 Feb 2018 12:34

Instrument :

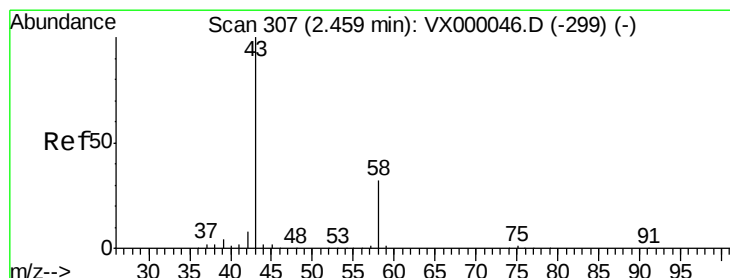
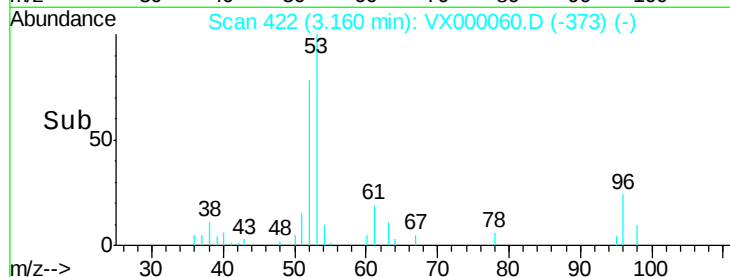
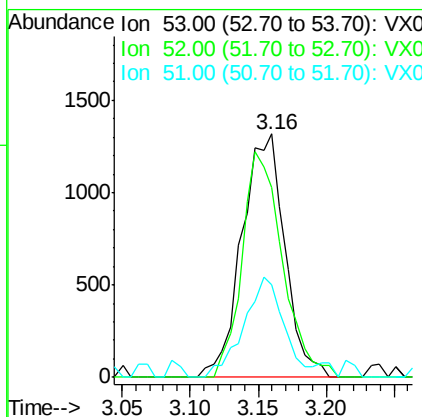
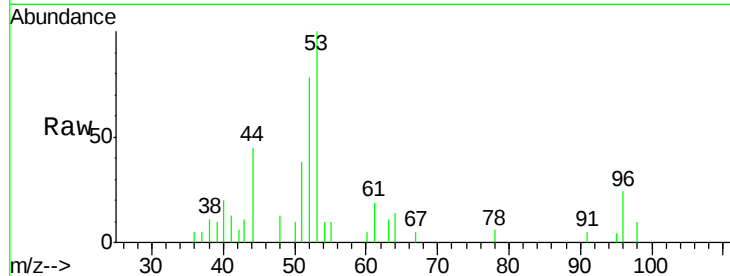
ClientSampled :

MDL 04

Tot Ion:	53	Resp:	2909
Ion	Ratio	Lower	Upper
53	100		
52	87.5	66.5	99.7
51	38.6	29.1	43.7

Manual Integrations
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#16

Acetone

Concen: 3.46 ug/l

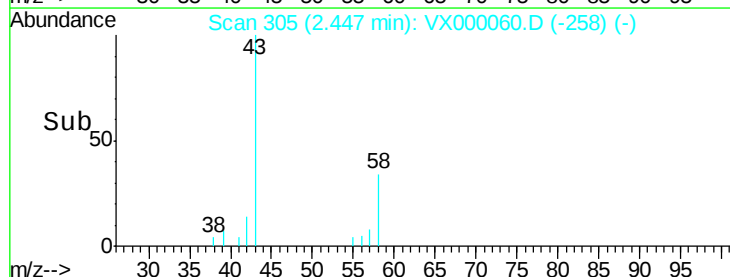
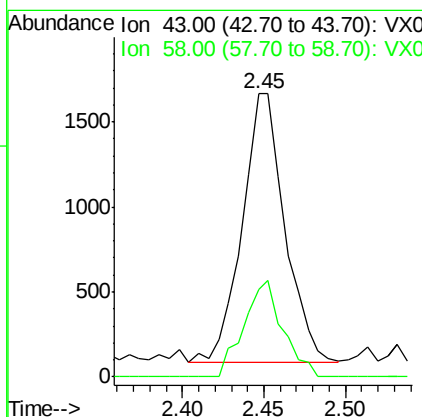
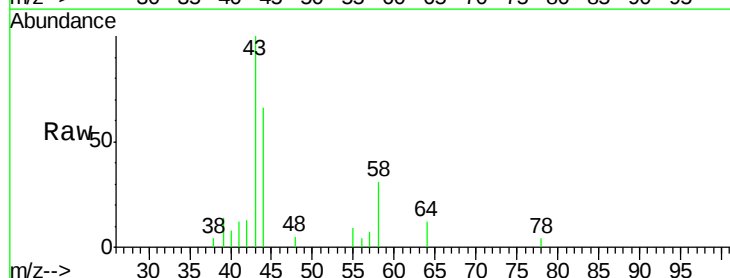
RT: 2.45 min Scan# 305

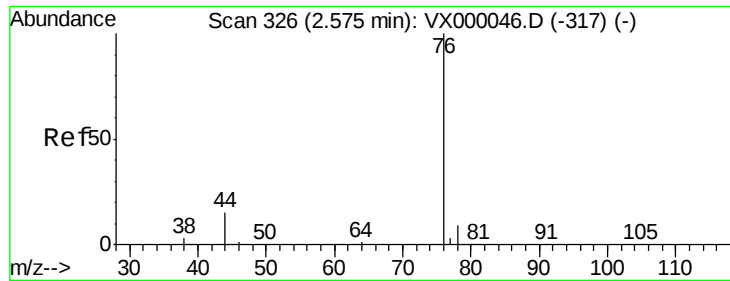
Delta R.T. -0.01 min

Lab File: VX000060.D

Acq: 12 Feb 2018 12:34

Tgt Ion:	43	Resp:	2888
Ion	Ratio	Lower	Upper
43	100		
58	32.6	25.9	38.9





#17

Carbon Disulfide

Concen: 0.64 ug/l

RT: 2.58 min Scan# 327

Delta R.T. 0.01 min

Lab File: VX000060.D

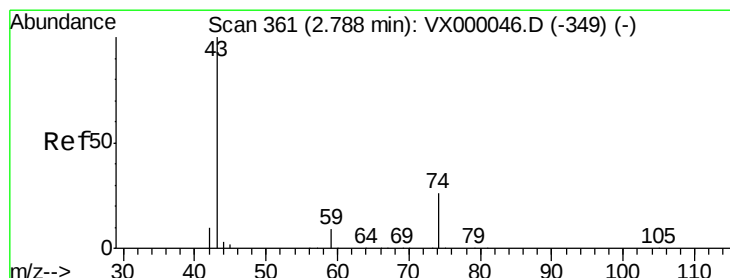
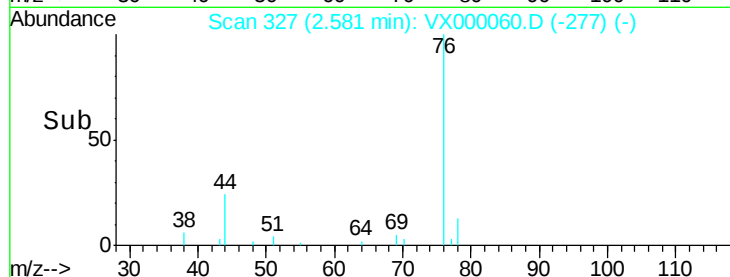
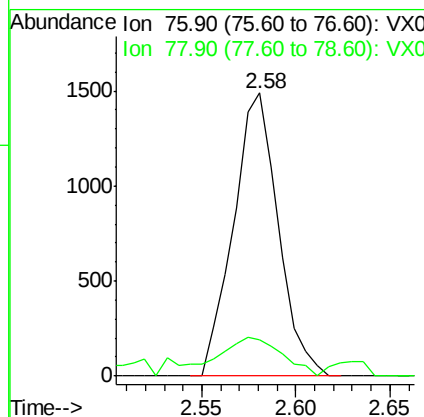
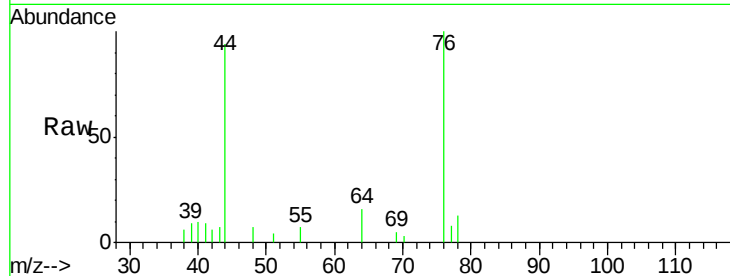
Acq: 12 Feb 2018 12:34

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.5	7.5	11.3

Instrument :
ClientSampled :
MDL 04

Manual Integrations
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#18

Methyl Acetate

Concen: 0.87 ug/l

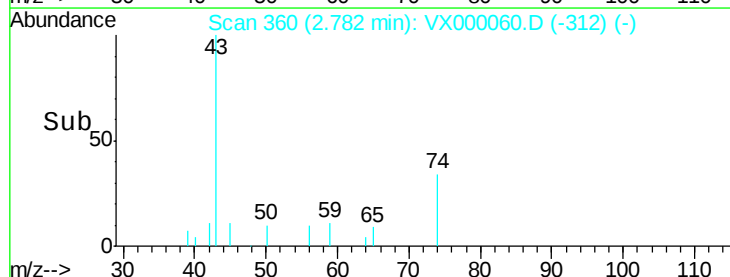
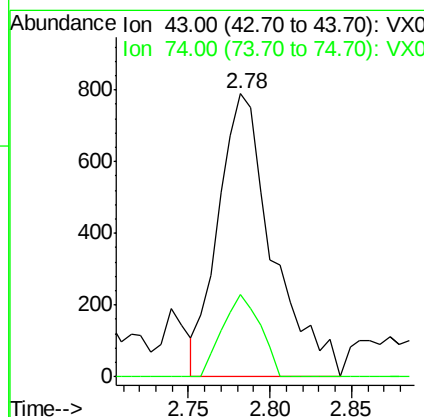
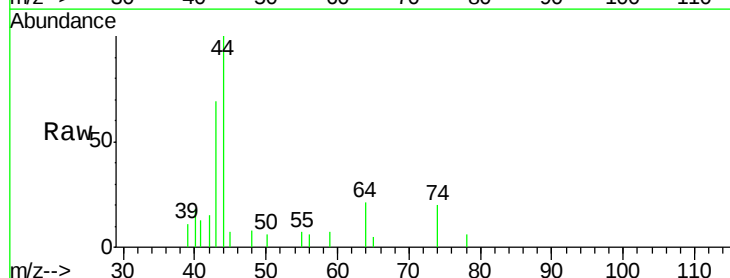
RT: 2.78 min Scan# 360

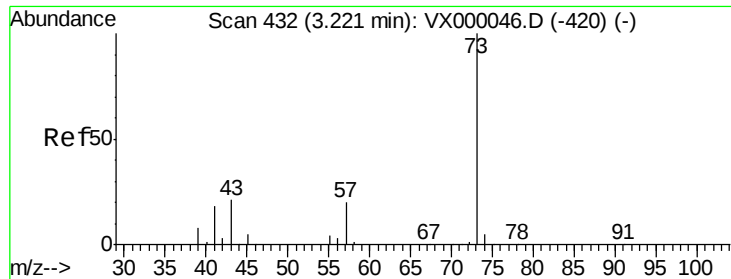
Delta R.T. -0.01 min

Lab File: VX000060.D

Acq: 12 Feb 2018 12:34

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.5	20.2	30.4





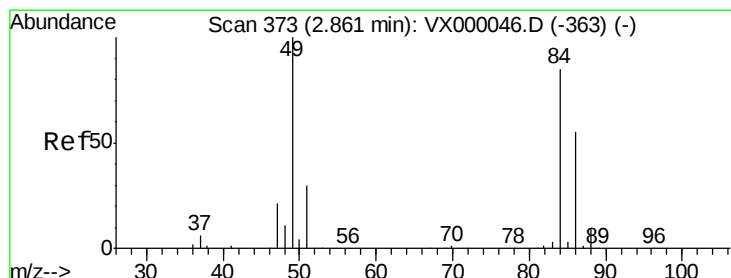
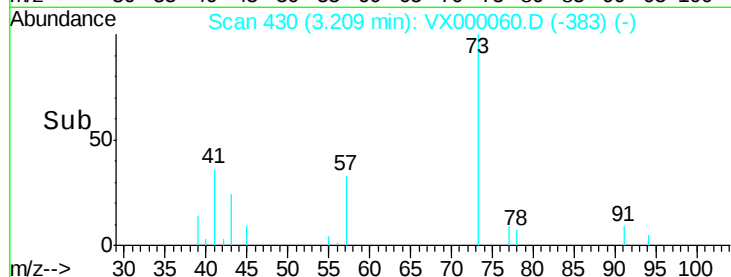
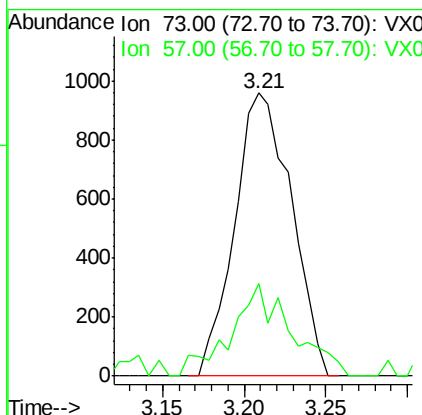
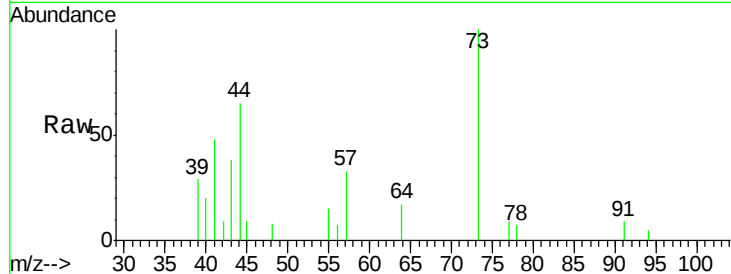
#19
Methvl tert-butvl Ether
Concen: 0.52 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.01 min
Lab File: VX000060.D
Acq: 12 Feb 2018 12:34

Instrument :
ClientSampled :
MDL 04

Tot Ion: 73 Resp: 2325
Ion Ratio Lower Upper
73 100
57 27.6 16.2 24.4#

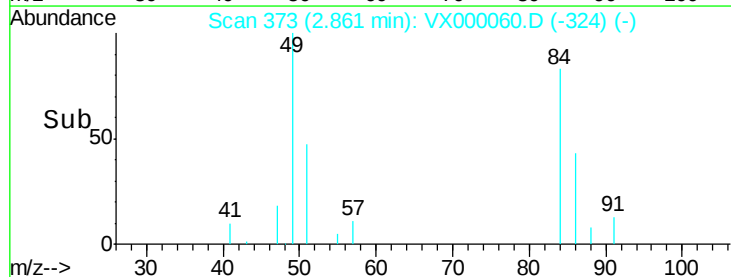
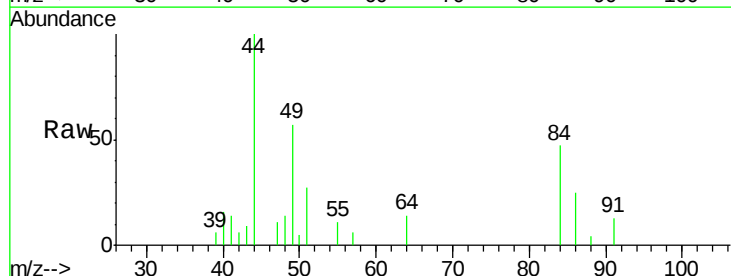
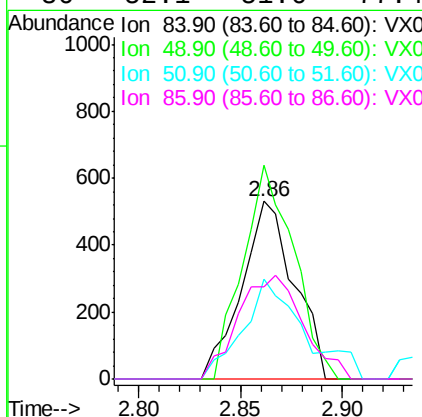
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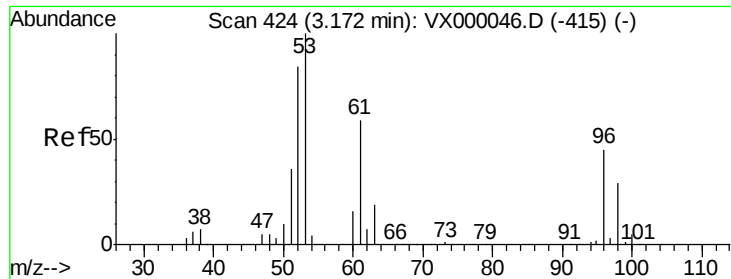
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#20
Methylene Chloride
Concen: 0.68 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX000060.D
Acq: 12 Feb 2018 12:34

Tgt Ion: 84 Resp: 953
Ion Ratio Lower Upper
84 100
49 120.4 94.4 141.6
51 56.4 28.3 42.5#
86 52.1 51.6 77.4





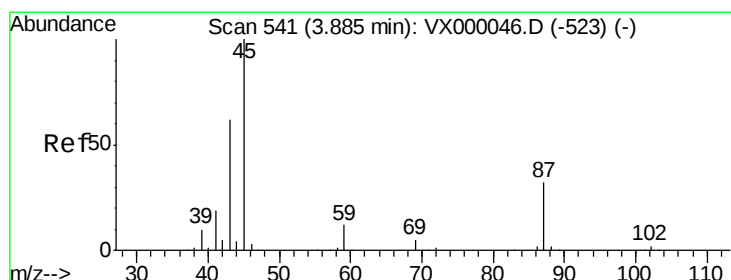
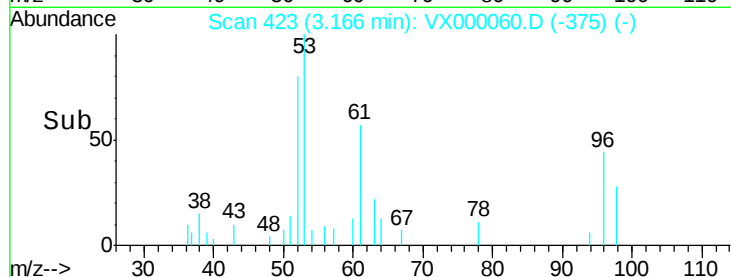
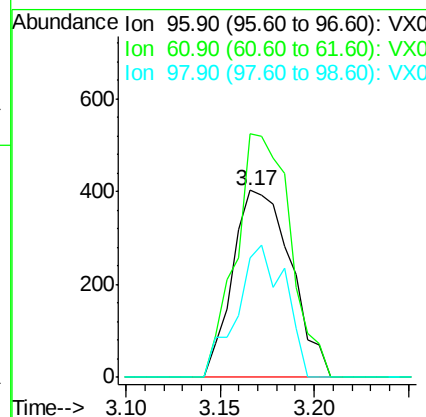
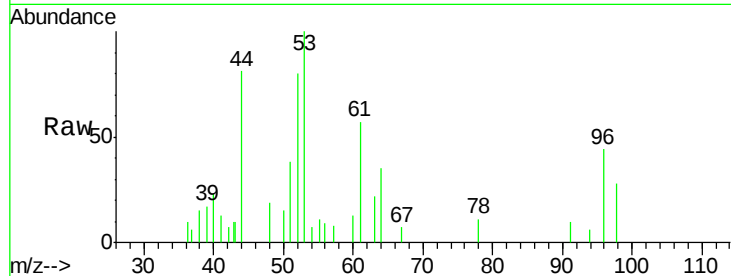
#21
trans-1,2-Dichloroethene
Concen: 0.61 ug/l
RT: 3.17 min Scan# 423
Delta R.T. -0.01 min
Lab File: VX000060.D
Acq: 12 Feb 2018 12:34

Instrument :
ClientSampled :
MDL 04

Tot Ion	Ratio	Lower	Upper
96	100		
61	130.3	104.9	157.3
98	64.2	52.4	78.6

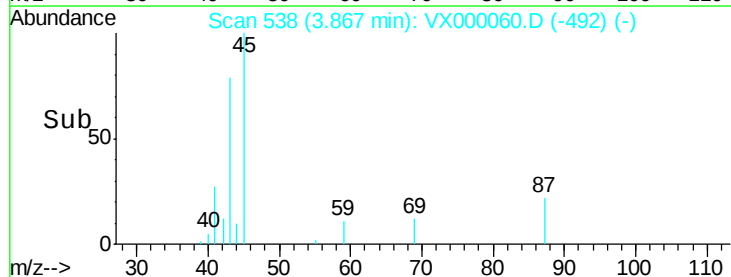
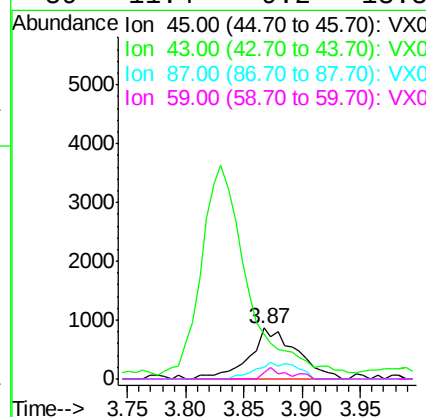
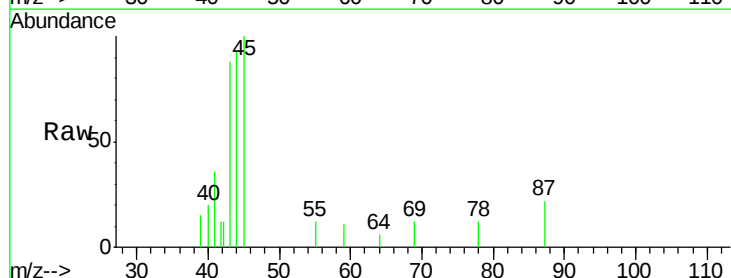
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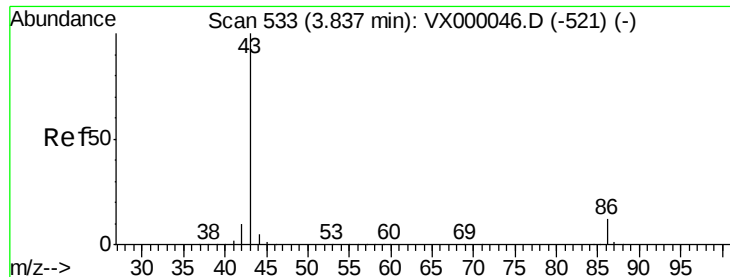
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#22
Diisopropyl ether
Concen: 0.64 ug/l
RT: 3.87 min Scan# 538
Delta R.T. -0.02 min
Lab File: VX000060.D
Acq: 12 Feb 2018 12:34

Tgt Ion	Ratio	Lower	Upper
45	100		
43	68.8	49.6	74.4
87	22.1	25.9	38.9
59	11.4	9.2	13.8





#23

Vinyl Acetate

Concen: 2.88 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.01 min

Lab File: VX000060.D

Acq: 12 Feb 2018 12:34

Instrument :

ClientSampled :

MDL 04

Tot Ion: 43 Resp: 9823

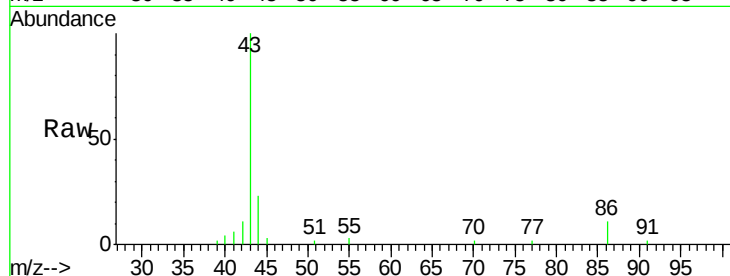
Ion Ratio Lower Upper

43 100

86 11.2 9.3 13.9

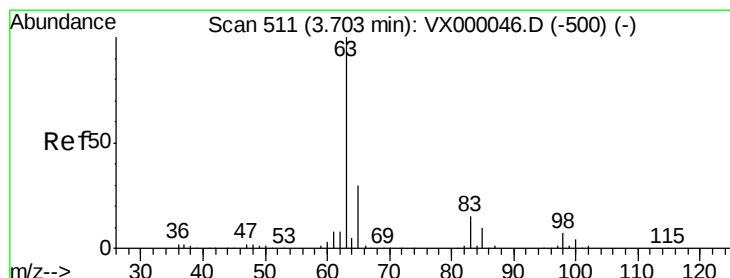
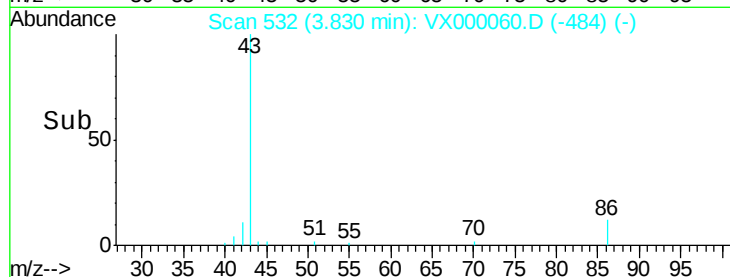
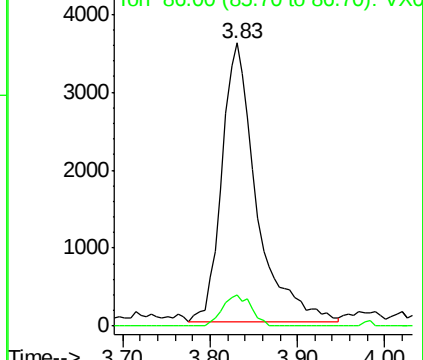
Manual Integrations
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 0.56 ug/l

RT: 3.71 min Scan# 512

Delta R.T. 0.01 min

Lab File: VX000060.D

Acq: 12 Feb 2018 12:34

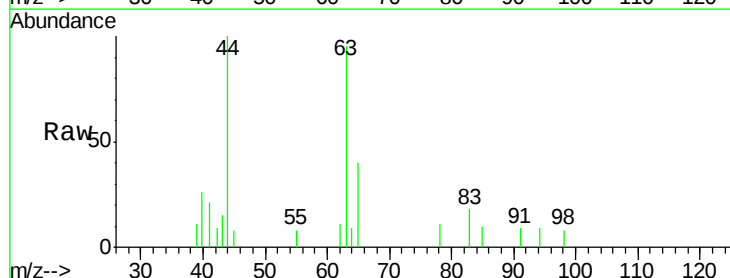
Tgt Ion: 63 Resp: 1307

Ion Ratio Lower Upper

63 100

98 7.9 3.3 9.9

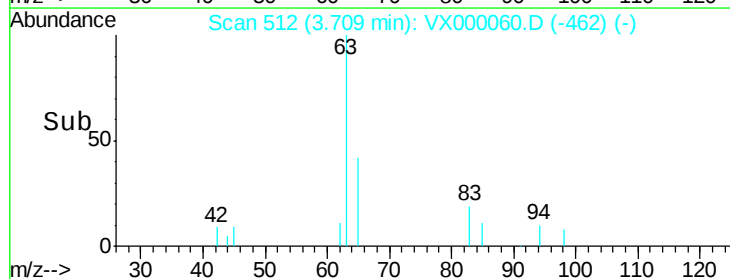
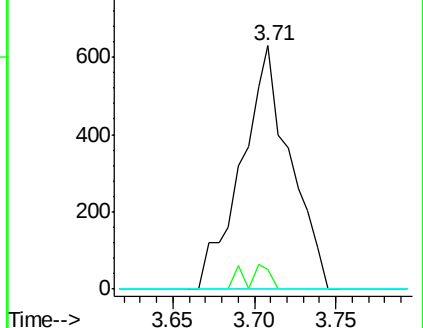
100 0.0 2.1 6.2#

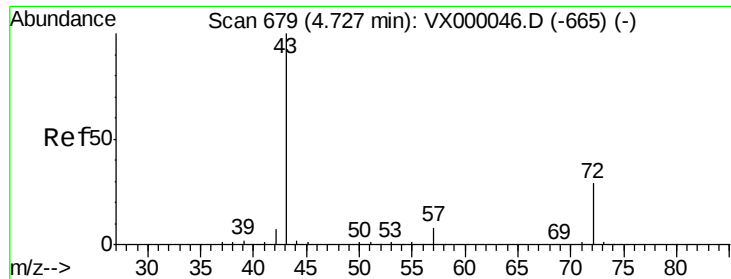


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 3.27 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.02 min

Lab File: VX000060.D

Acq: 12 Feb 2018 12:34

Instrument :

ClientSampled :

MDL 04

Tot Ion: 43 Resp: 4126

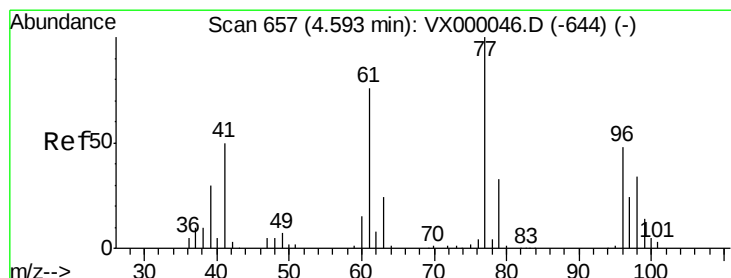
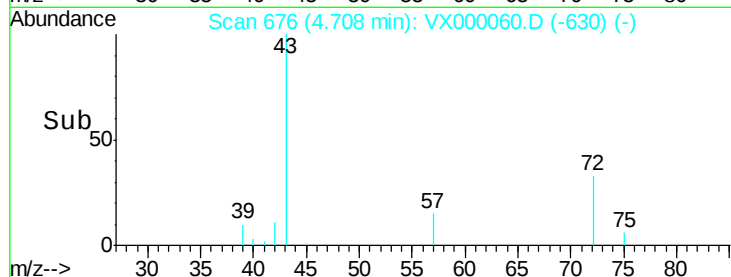
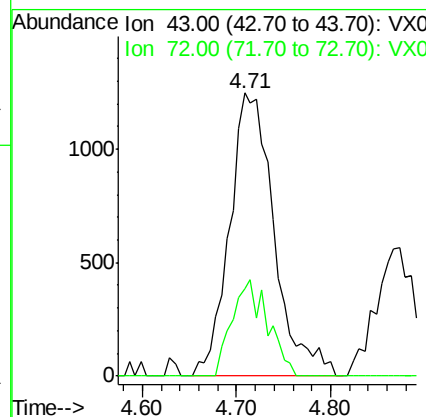
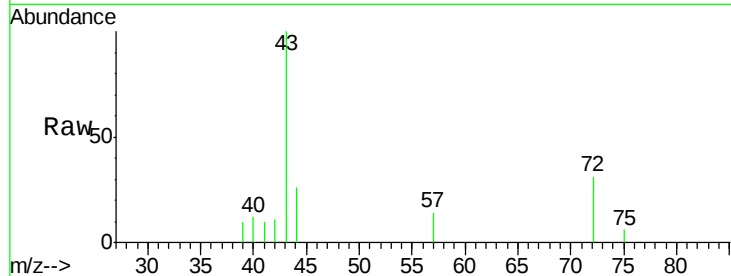
Ion Ratio Lower Upper

43 100

72 31.0 23.0 34.6

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#26

2,2-Dichloropropane

Concen: 0.60 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.01 min

Lab File: VX000060.D

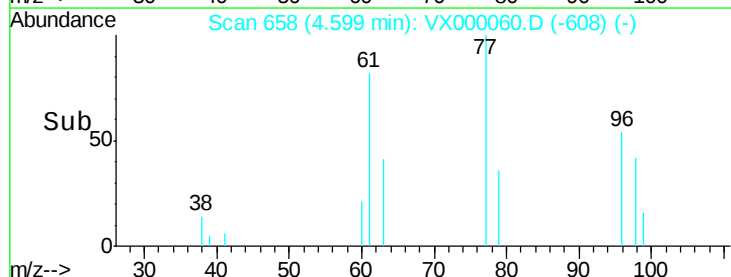
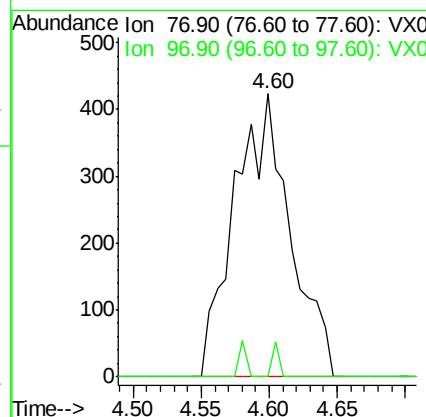
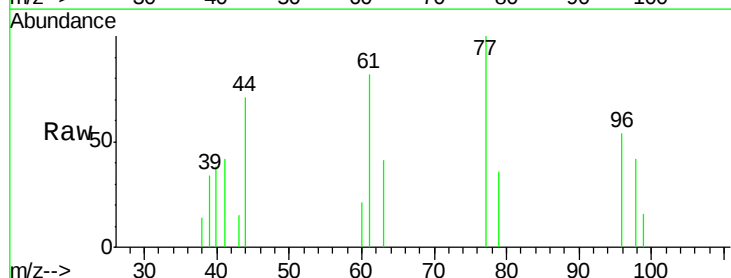
Acq: 12 Feb 2018 12:34

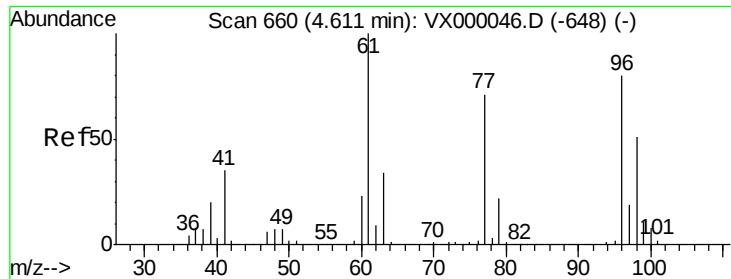
Tgt Ion: 77 Resp: 1212

Ion Ratio Lower Upper

77 100

97 1.6 11.8 35.4#





#27

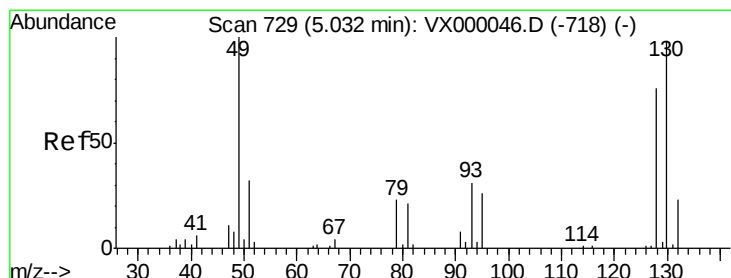
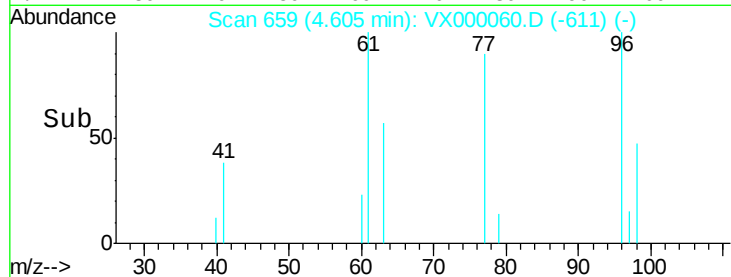
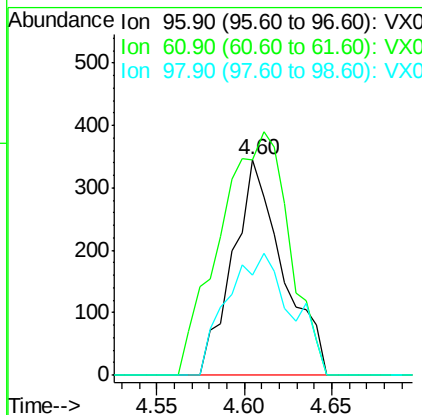
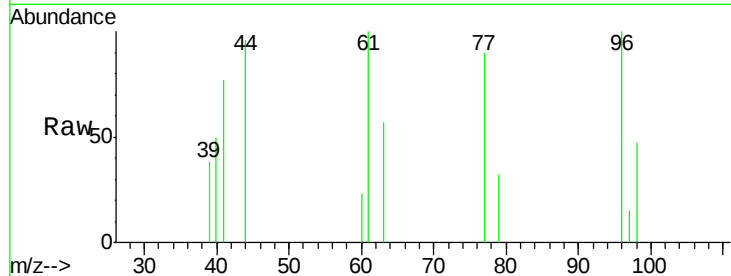
cis-1,2-Dichloroethene
Concen: 0.50 ug/l
RT: 4.60 min Scan# 659
Delta R.T. -0.01 min
Lab File: VX000060.D
Acq: 12 Feb 2018 12:34

Instrument :
ClientSampled :
MDL 04

Tot Ion	Ratio	Lower	Upper
96	100		
61	155.7	0.0	274.4
98	73.0	0.0	132.4

Manual Integrations
APPROVED

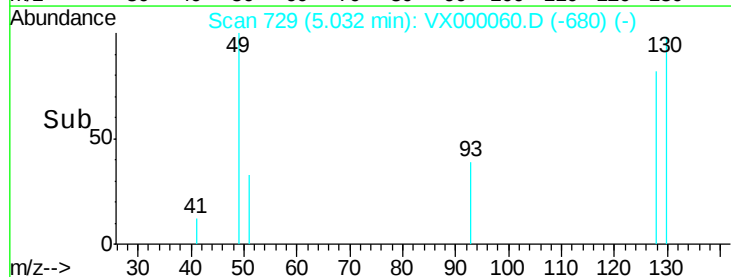
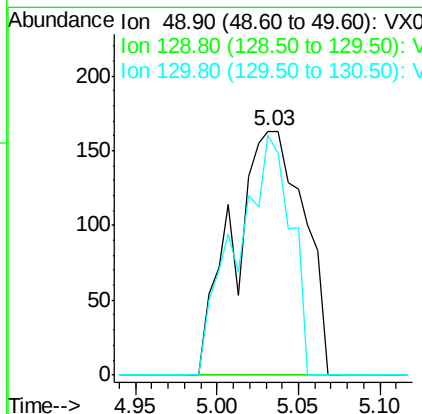
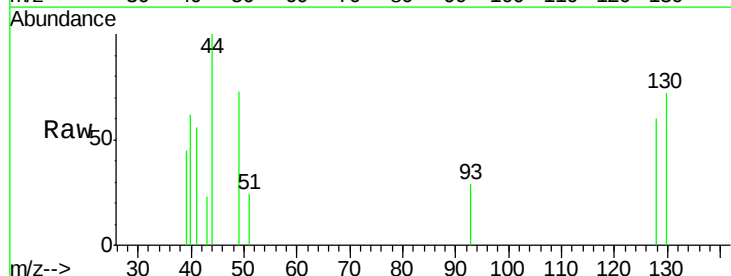
MMDadoda
2/15/2018 6:05:08 PM

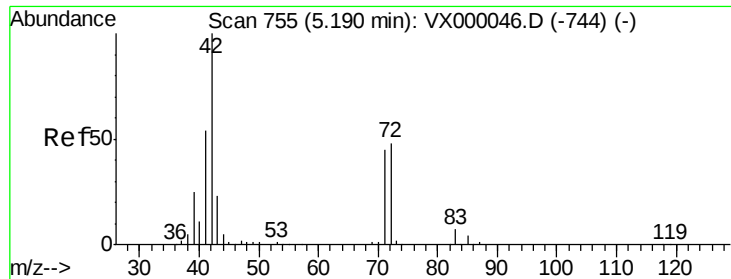


#28

Bromochloromethane
Concen: 0.63 ug/l
RT: 5.03 min Scan# 729
Delta R.T. -0.00 min
Lab File: VX000060.D
Acq: 12 Feb 2018 12:34

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	5.0
130	76.0	75.6	113.4





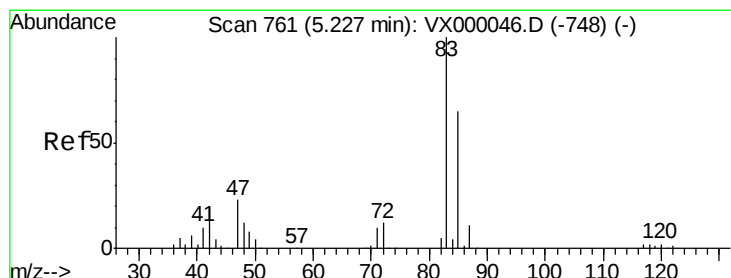
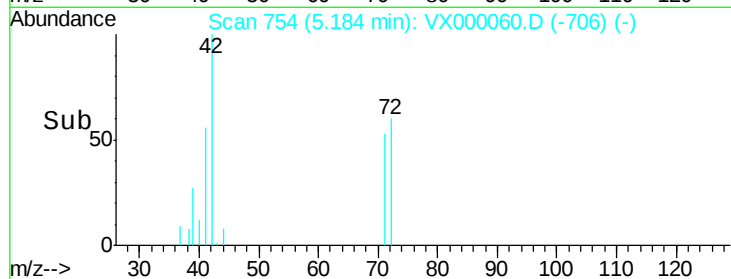
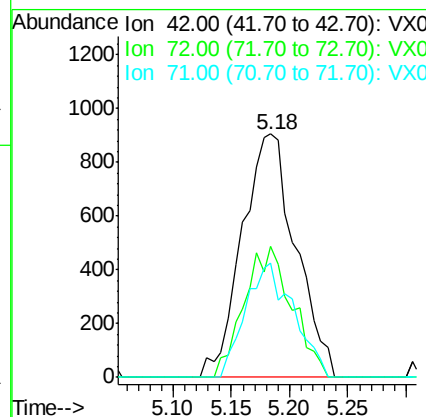
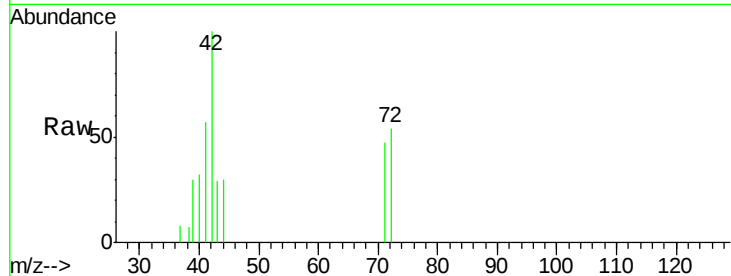
#29
Tetrahydrofuran
Concen: 3.36 ug/l
RT: 5.18 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX000060.D
Acq: 12 Feb 2018 12:34

Instrument :
Client Sampled :
MDL 04

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.9	39.0	58.6
71	41.7	36.7	55.1

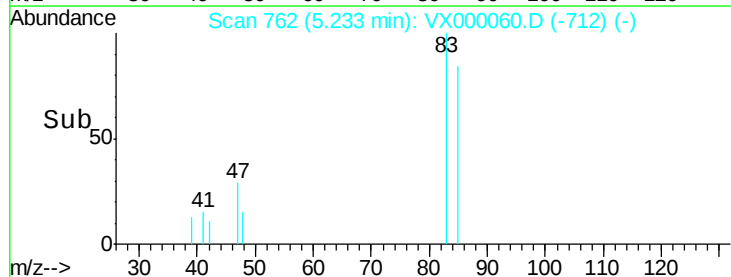
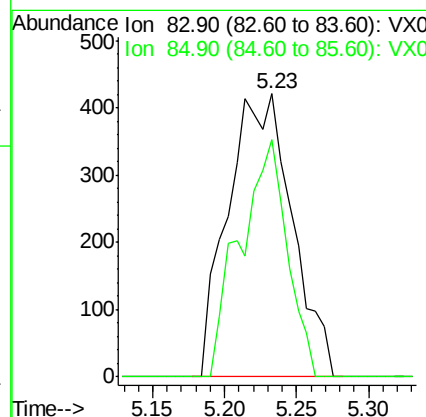
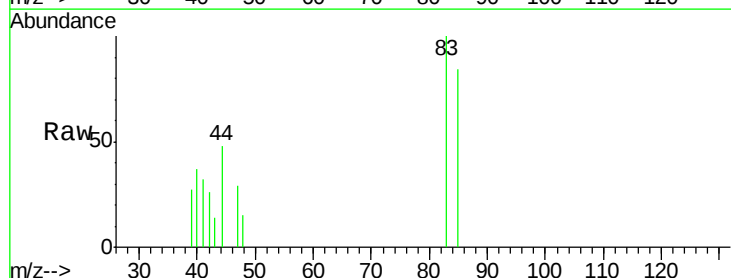
Manual Integrations
APPROVED

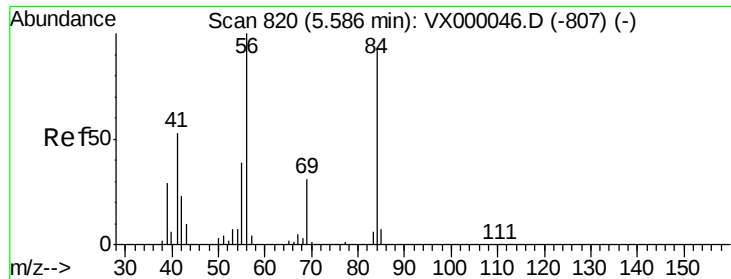
MMDadoda
2/15/2018 6:05:08 PM



#30
Chloroform
Concen: 0.55 ug/l
RT: 5.23 min Scan# 762
Delta R.T. 0.01 min
Lab File: VX000060.D
Acq: 12 Feb 2018 12:34

Tgt Ion	Ratio	Lower	Upper
83	100		
85	83.6	51.9	77.9#





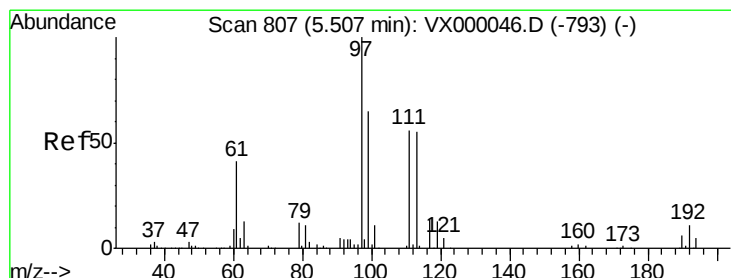
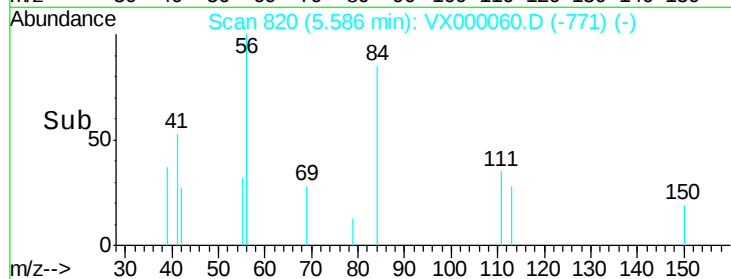
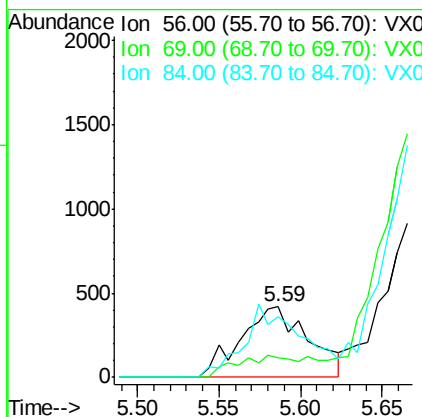
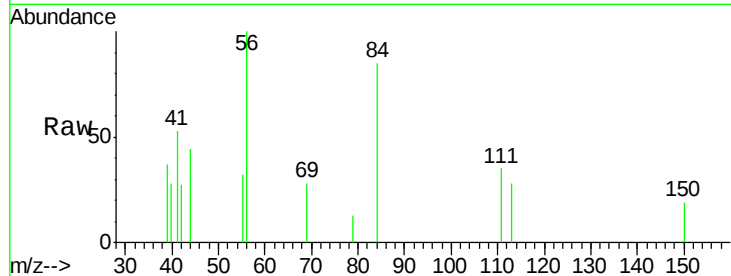
#31
Cyclohexane
Concen: 0.63 ug/l
RT: 5.59 min Scan# 820
Delta R.T. -0.00 min
Lab File: VX000060.D
Acq: 12 Feb 2018 12:34

Instrument :
ClientSampled :
MDL 04

Tot Ion	Ratio	Lower	Upper
56	100		
69	27.9	24.5	36.7
84	85.4	74.8	112.2

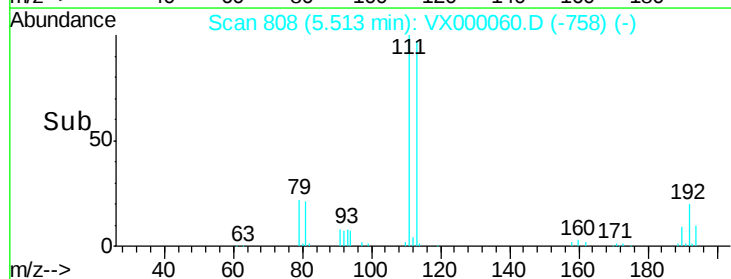
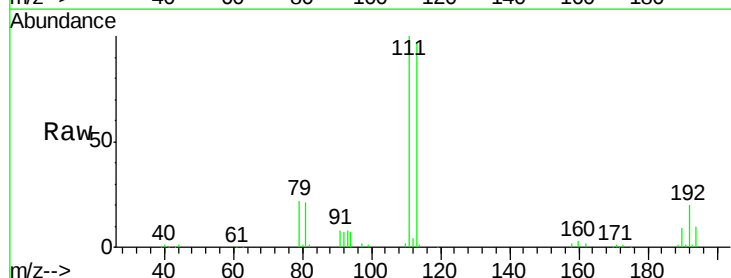
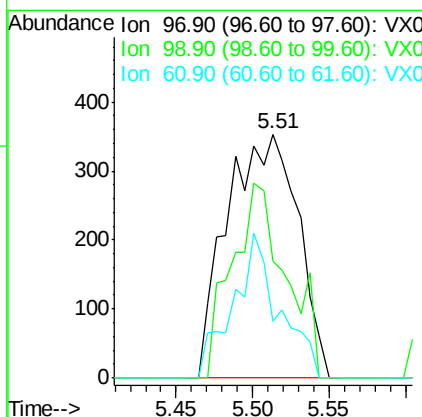
Manual Integrations
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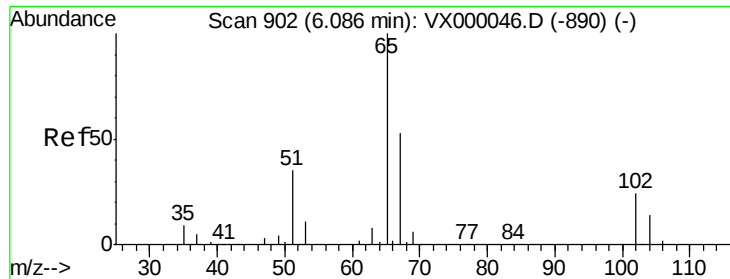
MMDadoda
2/15/2018 6:05:08 PM



#32
1,1,1-Trichloroethane
Concen: 0.51 ug/l
RT: 5.51 min Scan# 808
Delta R.T. 0.01 min
Lab File: VX000060.D
Acq: 12 Feb 2018 12:34

Tgt Ion	Ratio	Lower	Upper
97	100		
99	0.0	50.8	76.2#
61	38.4	32.1	48.1





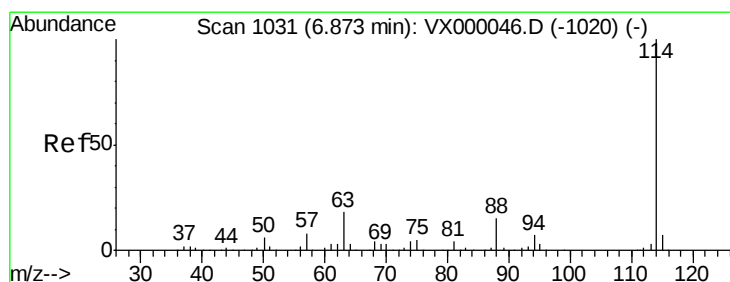
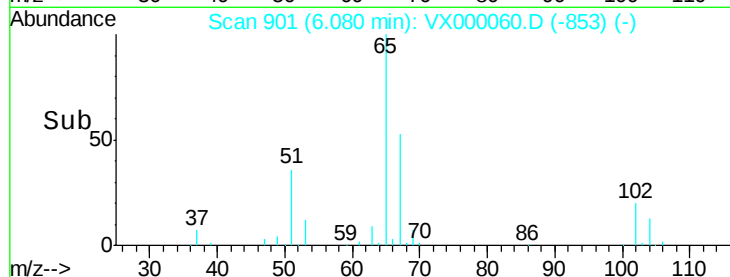
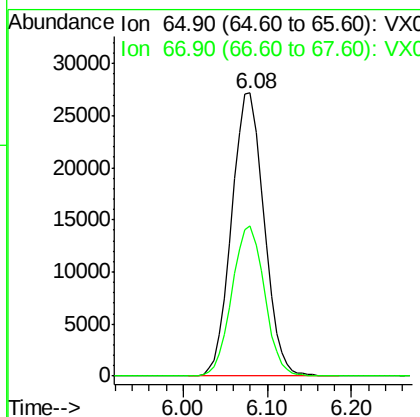
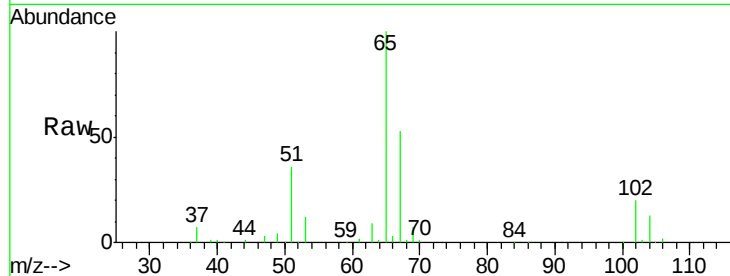
#33
 1,2-Dichloroethane-d4
 Concen: 50.28 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. -0.01 min
 Lab File: VX000060.D
 Acq: 12 Feb 2018 12:34

Instrument :
 ClientSampled :
 MDL 04

Tot Ion	Ratio	Resp	Lower	Upper
65	100	70926		
67	53.2		0.0	106.0

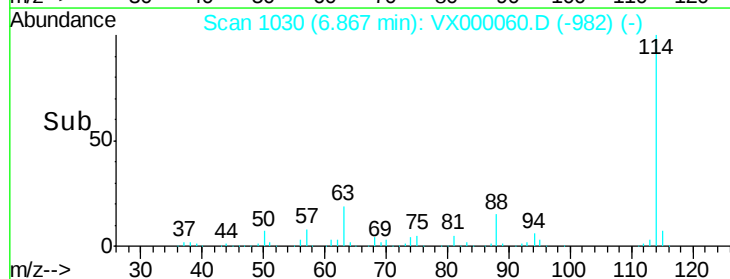
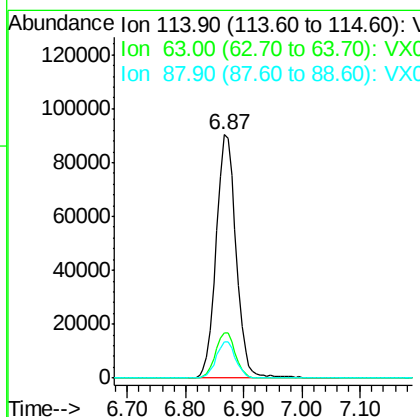
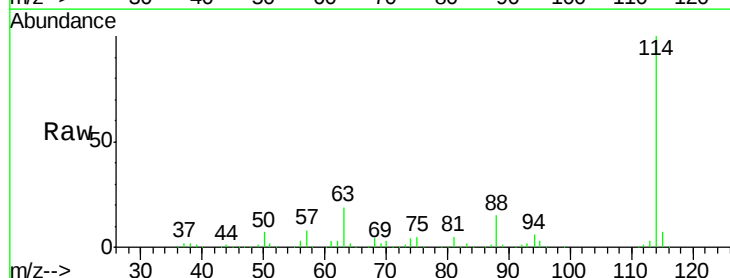
Manual Integrations
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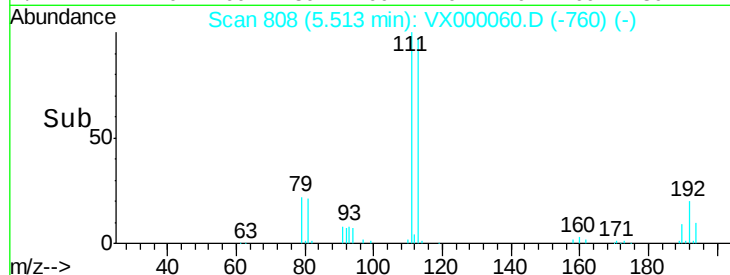
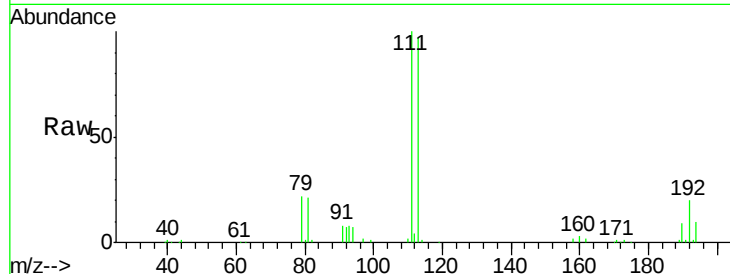
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: VX000060.D
 Acq: 12 Feb 2018 12:34

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	214504		
63	18.6		0.0	36.0
88	14.7		0.0	30.4





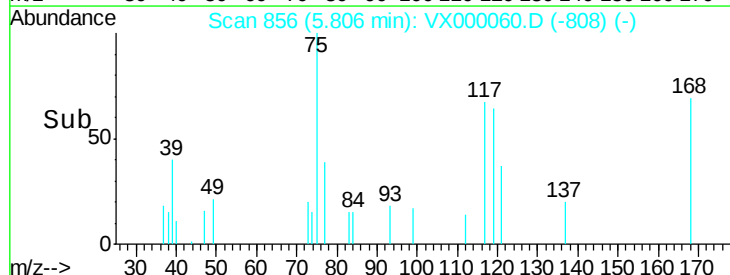
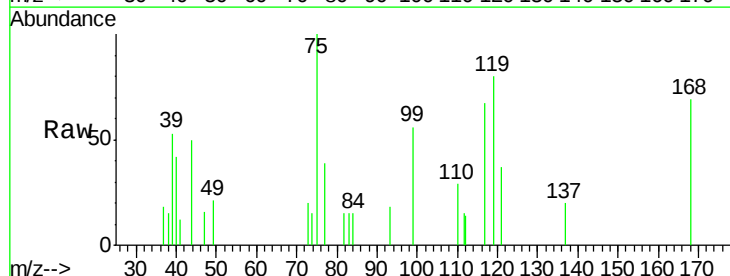
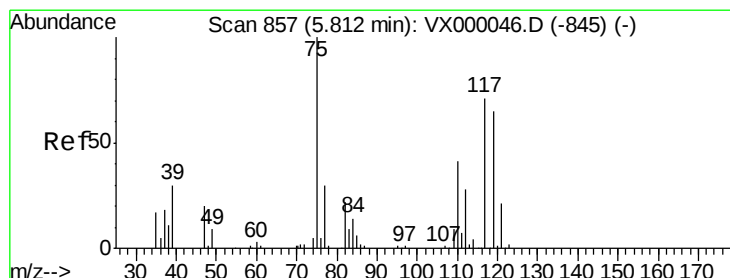
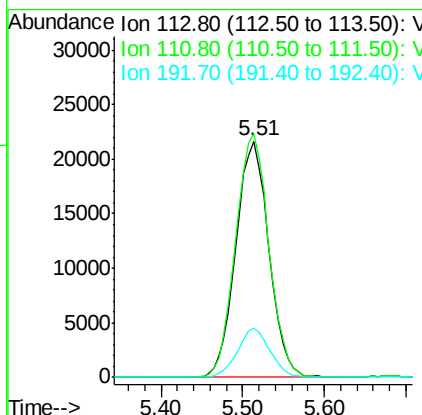
#35
Dibromofluoromethane
Concen: 48.65 ug/l
RT: 5.51 min Scan# 808
Delta R.T. -0.01 min
Lab File: VX000060.D
Acq: 12 Feb 2018 12:34

Tot Ion	Ratio	Resp	Lower	Upper
113	100	60933		
111	103.6		80.5	120.7
192	20.3		16.9	25.3

Instrument :
ClientSampled :
MDL 04

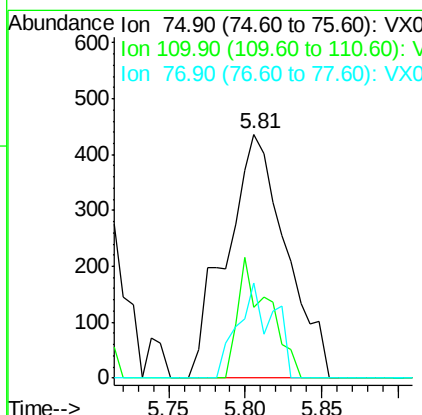
Manual Integrations
APPROVED

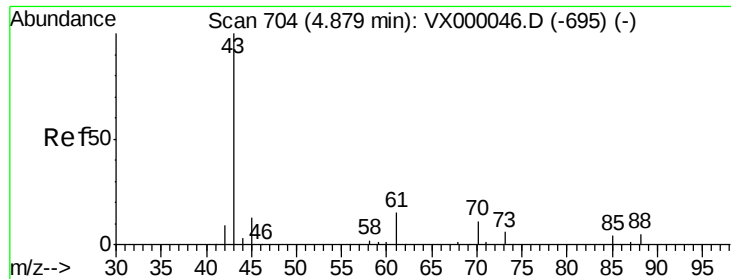
MMDadoda
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#36
1,1-Dichloropropene
Concen: 0.63 ug/l
RT: 5.81 min Scan# 856
Delta R.T. -0.01 min
Lab File: VX000060.D
Acq: 12 Feb 2018 12:34

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	1185		
110	25.8		19.4	58.4
77	23.5		24.2	36.4#





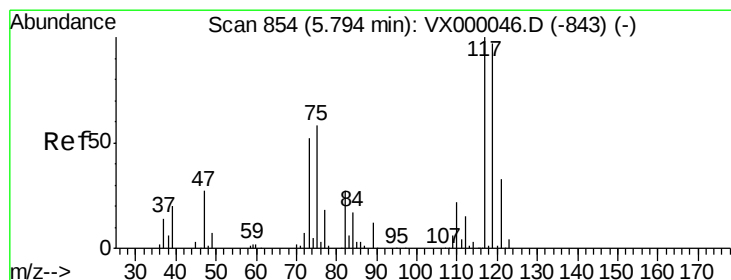
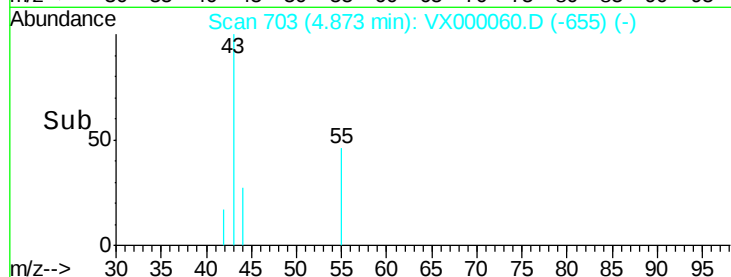
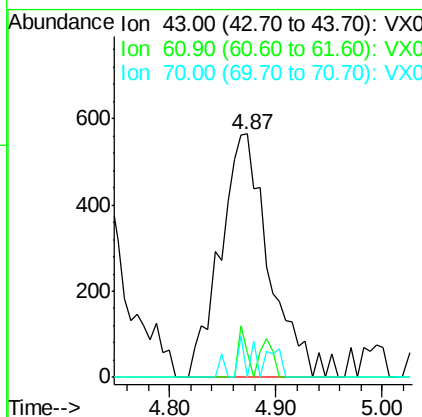
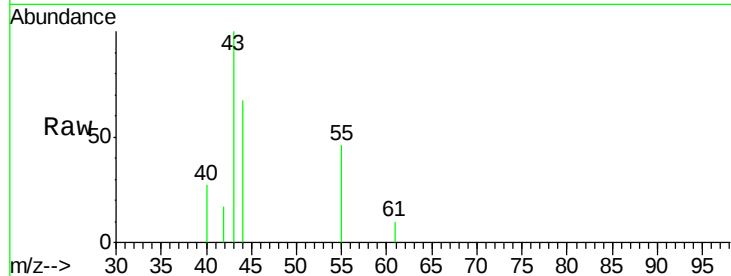
#37
Ethyl Acetate
Concen: 0.75 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.01 min
Lab File: VX000060.D
Acq: 12 Feb 2018 12:34

Instrument :
Client Sampled :
MDL 04

Tot Ion	Ratio	Lower	Upper
43	100		
61	3.6	11.4	17.2#
70	1.9	9.0	13.6#

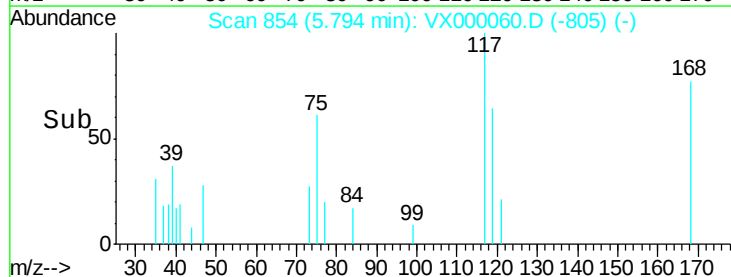
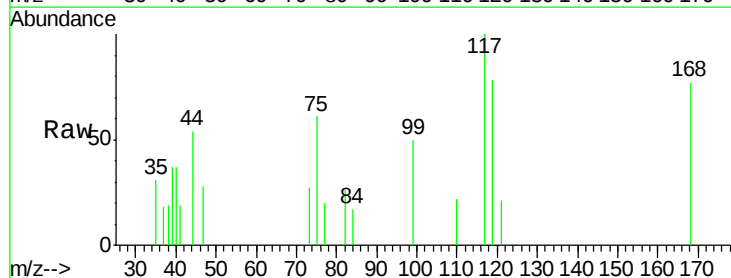
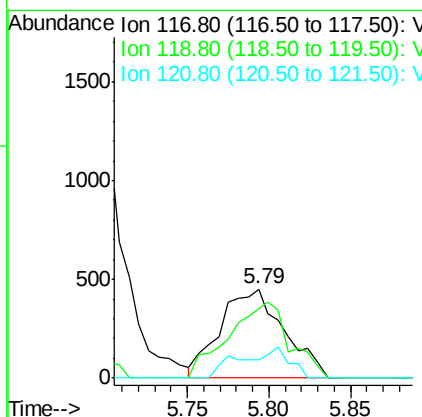
Manual Integrations
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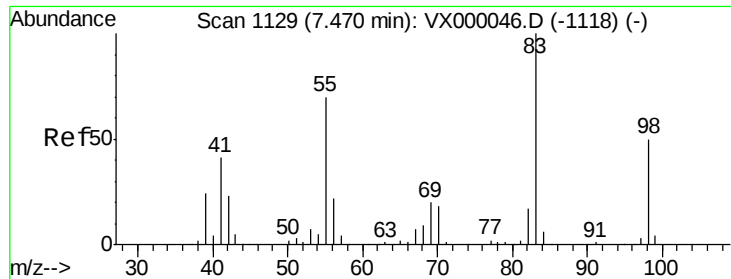
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#38
Carbon Tetrachloride
Concen: 0.58 ug/l
RT: 5.79 min Scan# 854
Delta R.T. -0.00 min
Lab File: VX000060.D
Acq: 12 Feb 2018 12:34

Tgt Ion	Ratio	Lower	Upper
117	100		
119	77.9	76.9	115.3
121	20.6	25.8	38.8#





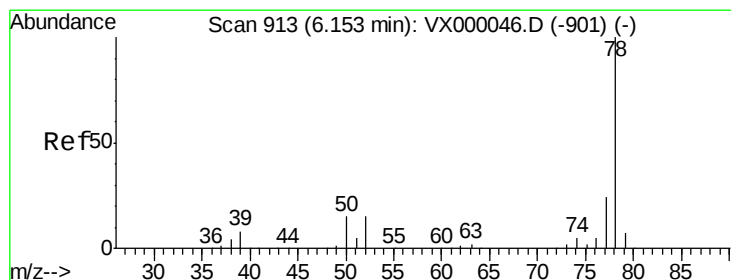
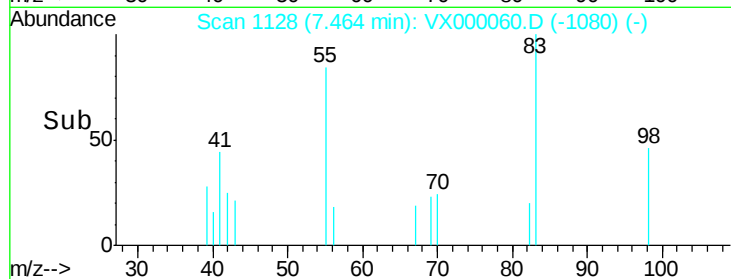
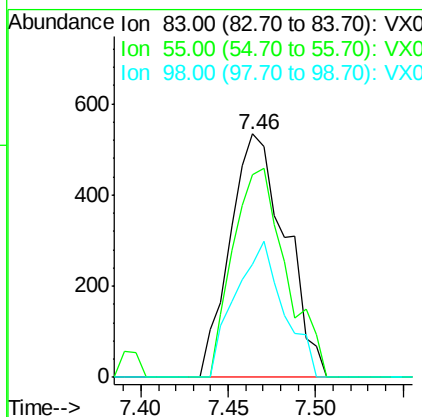
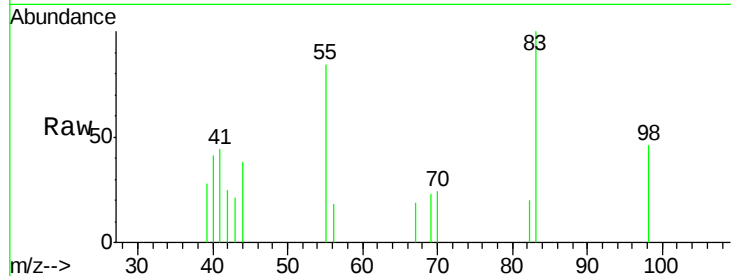
#39
Methvlcvclohexane
Concen: 0.52 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.01 min
Lab File: VX000060.D
Acq: 12 Feb 2018 12:34

Instrument :
ClientSampled :
MDL 04

Tot Ion: 83 Resp: 1180
Ion Ratio Lower Upper
83 100
55 83.5 55.7 83.5#
98 46.3 39.7 59.5

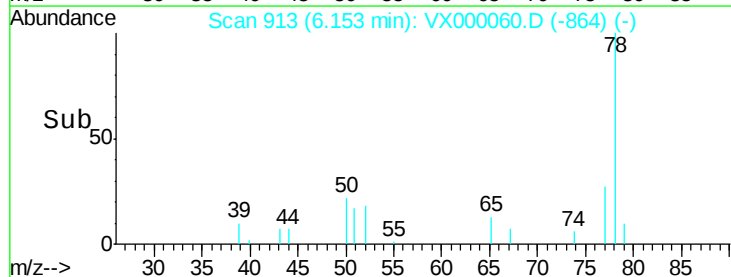
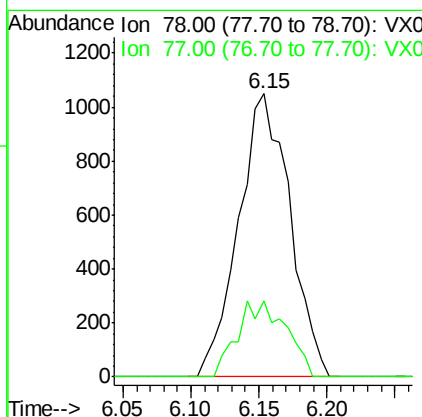
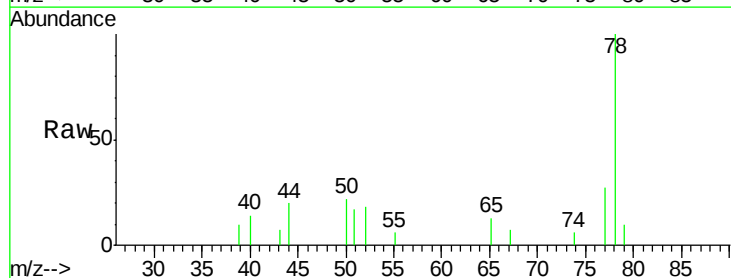
Manual Integrations
APPROVED

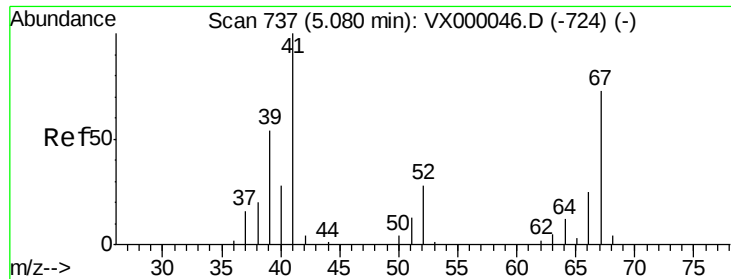
MMDadoda
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#40
Benzene
Concen: 0.52 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000060.D
Acq: 12 Feb 2018 12:34

Tgt Ion: 78 Resp: 2765
Ion Ratio Lower Upper
78 100
77 27.1 19.4 29.2





#41

Methacrylonitrile

Concen: 0.78 ug/l m

RT: 5.07 min Scan# 736

Delta R.T. -0.01 min

Lab File: VX000060.D

Acq: 12 Feb 2018 12:34

Instrument :

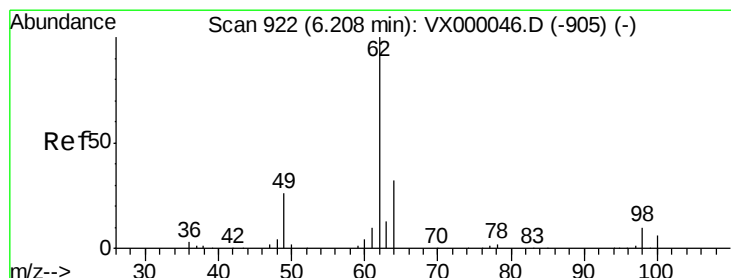
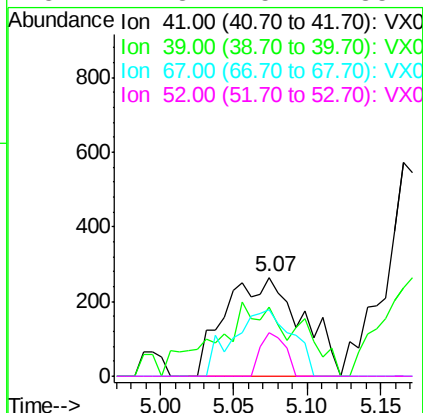
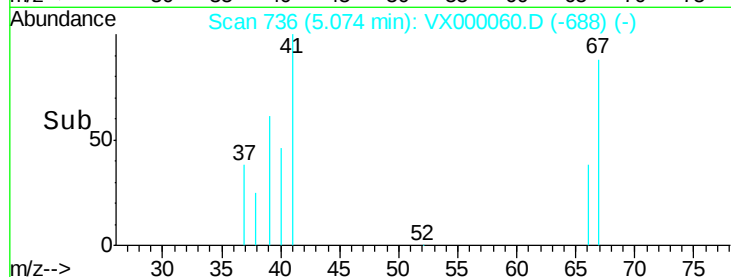
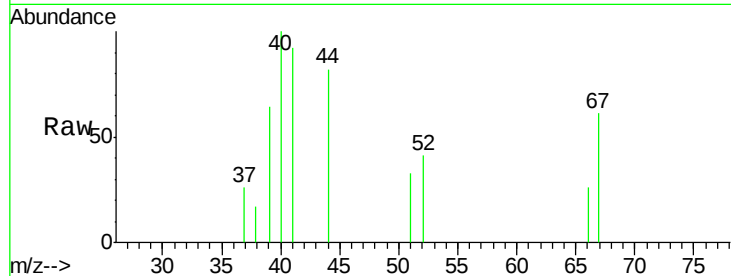
ClientSampled :

MDL 04

Tot Ion:	41	Resp:	965
Ion	Ratio	Lower	Upper
41	100		
39	60.7	45.8	68.8
67	51.4	60.6	91.0#
52	14.3	25.4	38.2#

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 0.55 ug/l

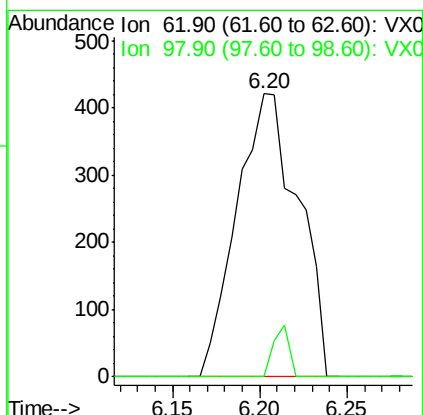
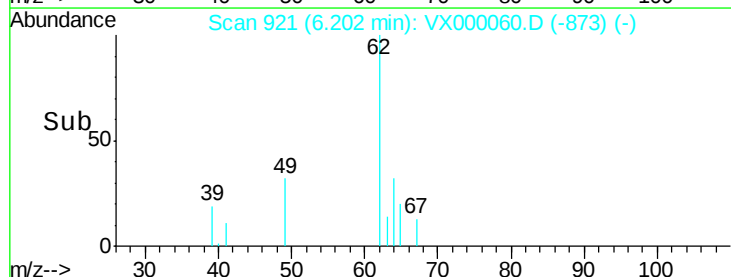
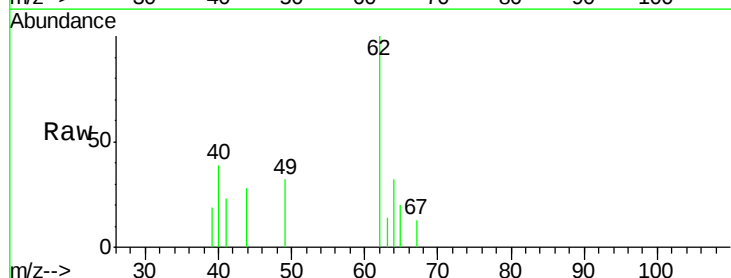
RT: 6.20 min Scan# 921

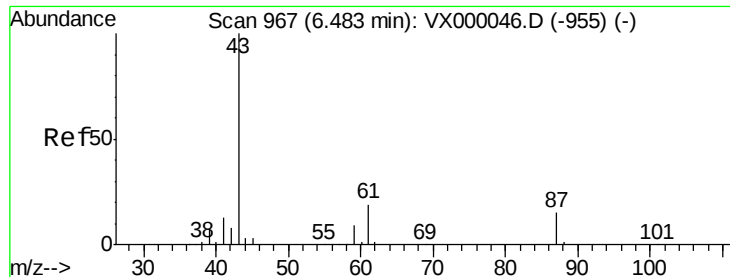
Delta R.T. -0.01 min

Lab File: VX000060.D

Acq: 12 Feb 2018 12:34

Tgt Ion:	62	Resp:	1034
Ion	Ratio	Lower	Upper
62	100		
98	4.6	0.0	18.6





#43

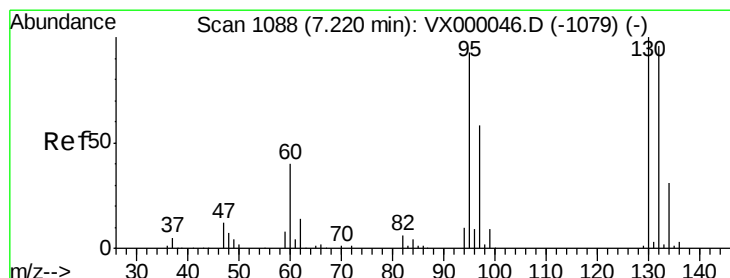
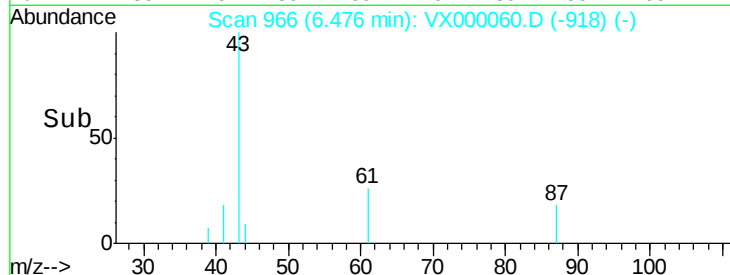
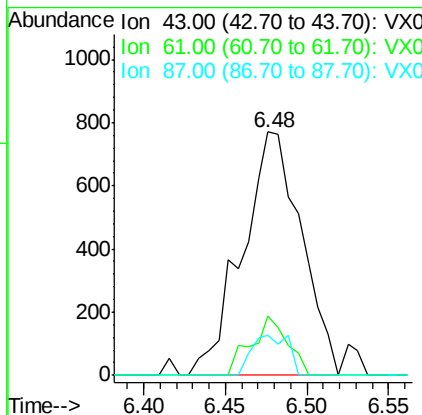
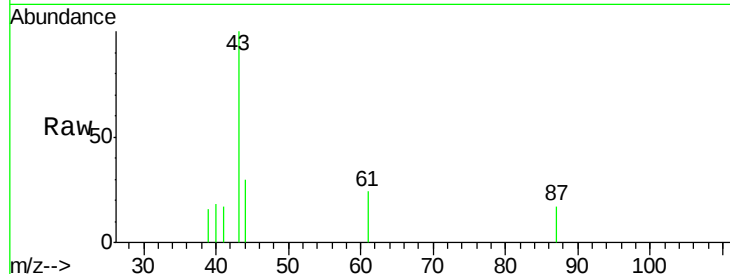
Isopropyl Acetate
 Concen: 0.53 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. -0.01 min
 Lab File: VX000060.D
 Acq: 12 Feb 2018 12:34

Instrument :
 ClientSampled :
 MDL 04

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.0	15.9	23.9#
87	10.2	11.8	17.6#

Manual Integrations
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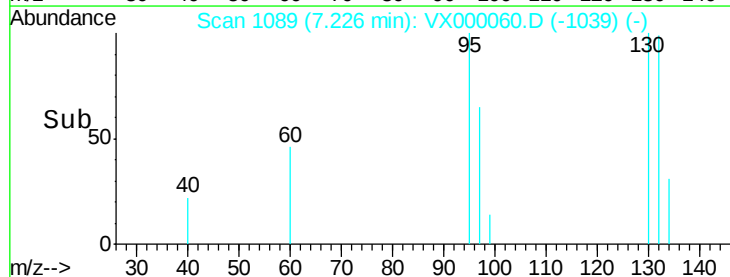
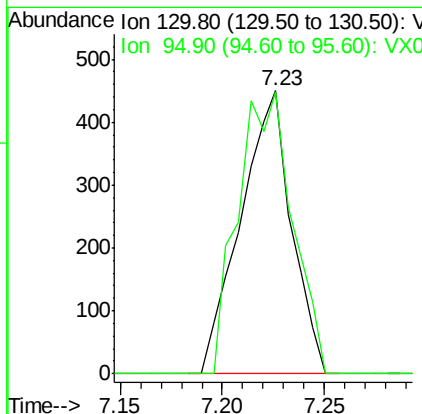
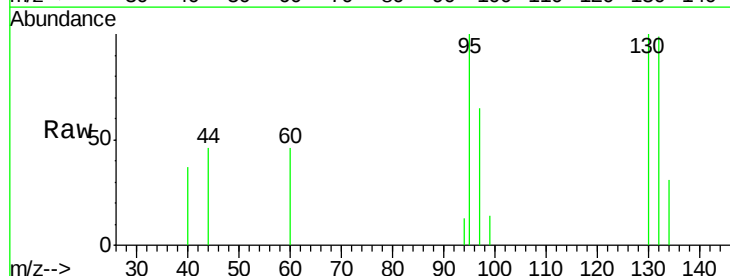
MMDadoda
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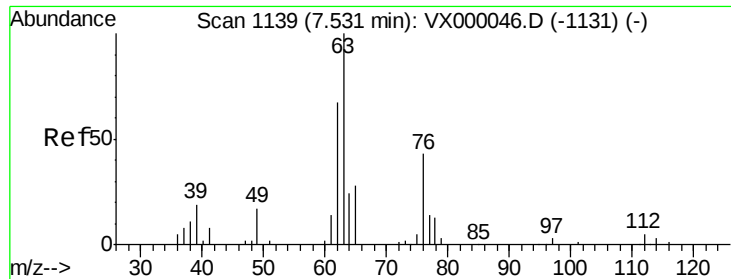


#44

Trichloroethene
 Concen: 0.48 ug/l
 RT: 7.23 min Scan# 1089
 Delta R.T. 0.01 min
 Lab File: VX000060.D
 Acq: 12 Feb 2018 12:34

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.8	0.0	185.2





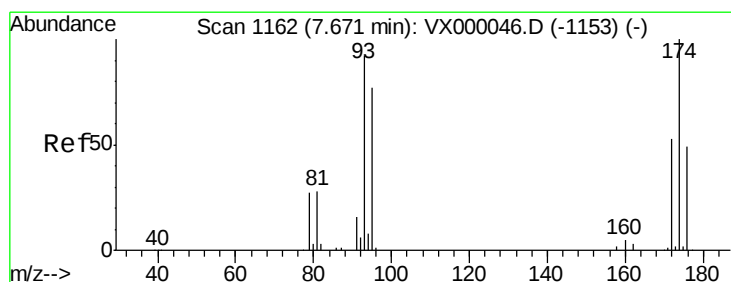
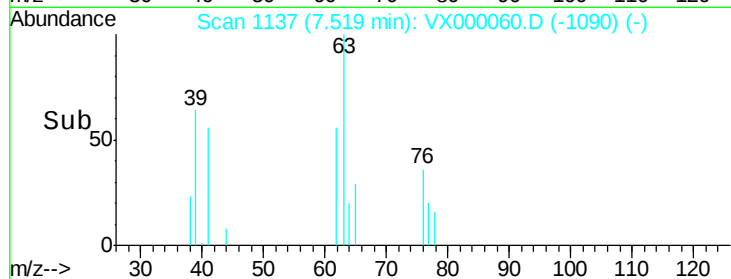
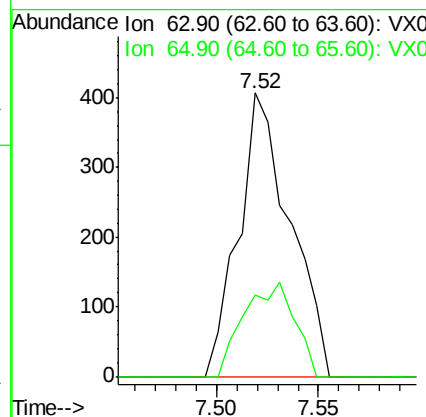
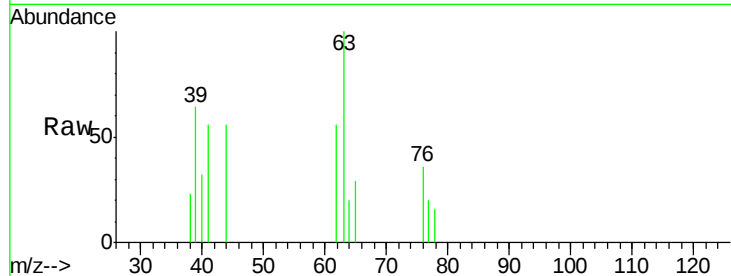
#45
 1,2-Dichloropropane
 Concen: 0.55 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VX000060.D
 Acq: 12 Feb 2018 12:34

Instrument :
 ClientSampled :
 MDL 04

Tot Ion: 63 Resp: 712
 Ion Ratio Lower Upper
 63 100
 65 28.7 23.7 35.5

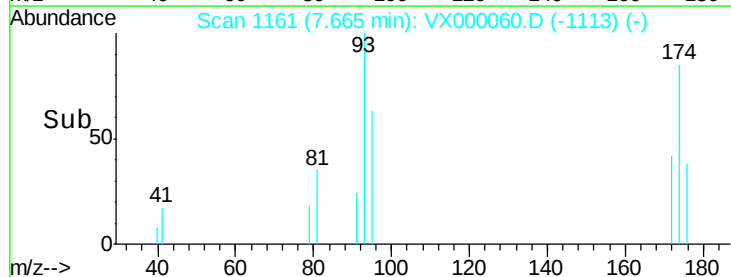
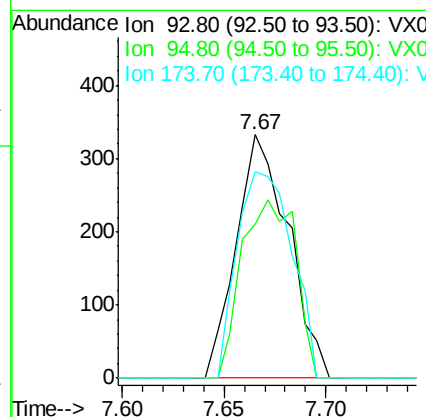
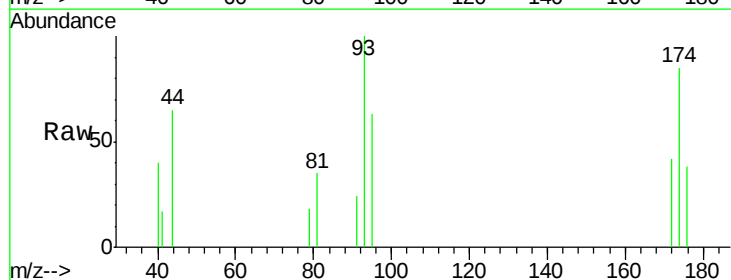
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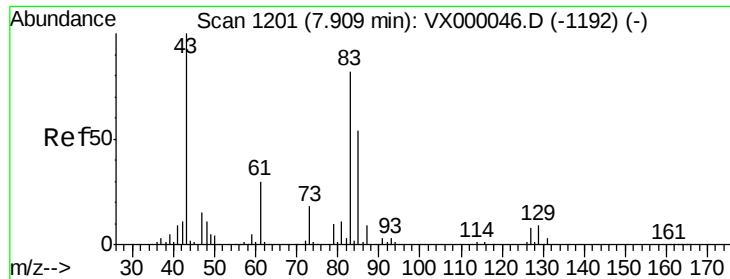
MMDadoda
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#46
 Dibromomethane
 Concen: 0.59 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: VX000060.D
 Acq: 12 Feb 2018 12:34

Tgt Ion: 93 Resp: 589
 Ion Ratio Lower Upper
 93 100
 95 75.9 66.3 99.5
 174 89.5 90.4 135.6#





#47

Bromodichloromethane

Concen: 0.50 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000060.D

Acq: 12 Feb 2018 12:34

Instrument :

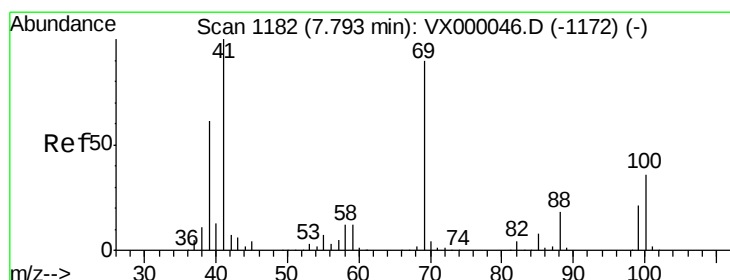
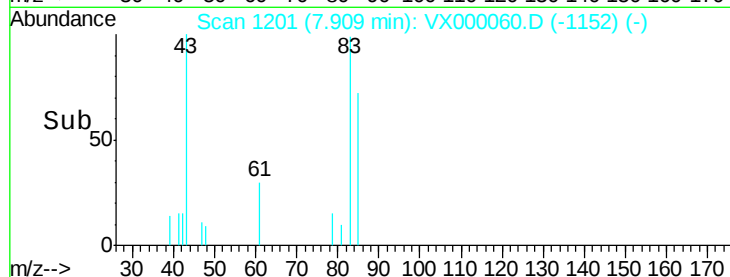
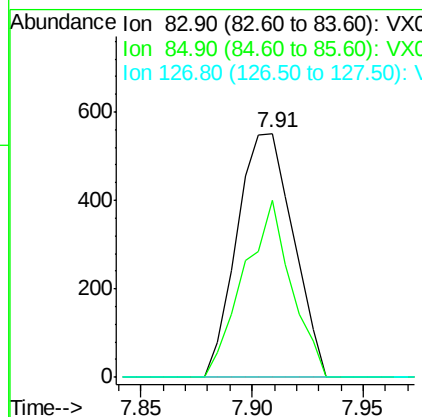
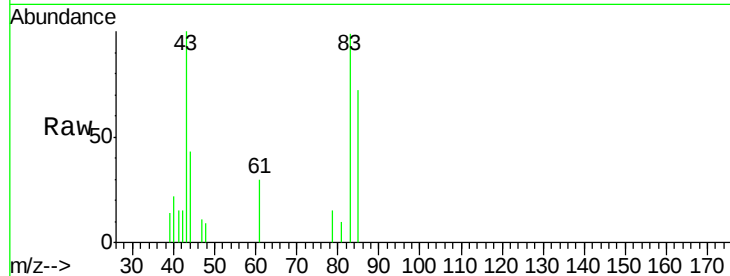
ClientSampled :

MDL 04

Tot Ion:	83	Resp:	969
Ion	Ratio	Lower	Upper
83	100		
85	72.6	52.3	78.5
127	0.0	7.4	11.0#

Manual Integrations
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#48

Methyl methacrylate

Concen: 0.60 ug/l

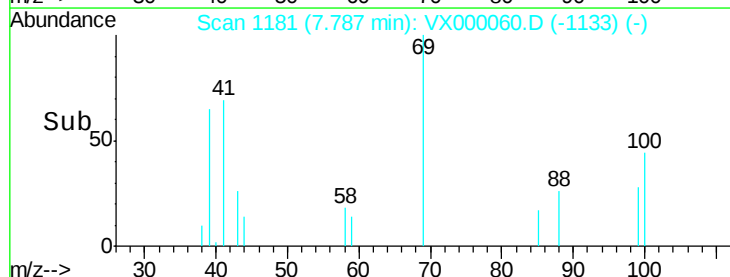
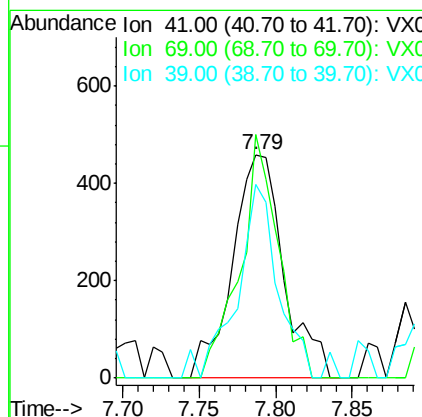
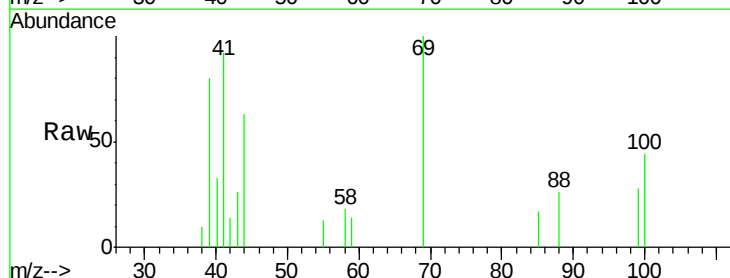
RT: 7.79 min Scan# 1181

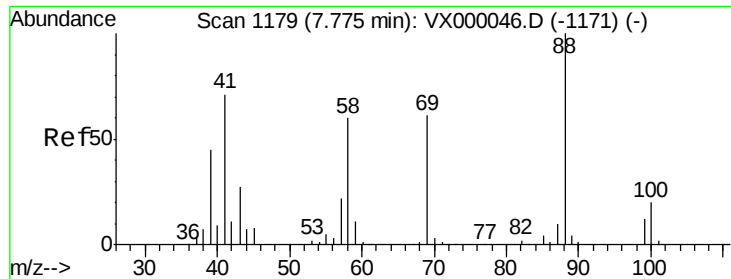
Delta R.T. -0.01 min

Lab File: VX000060.D

Acq: 12 Feb 2018 12:34

Tgt Ion:	41	Resp:	1079
Ion	Ratio	Lower	Upper
41	100		
69	80.1	72.1	108.1
39	68.8	49.6	74.4





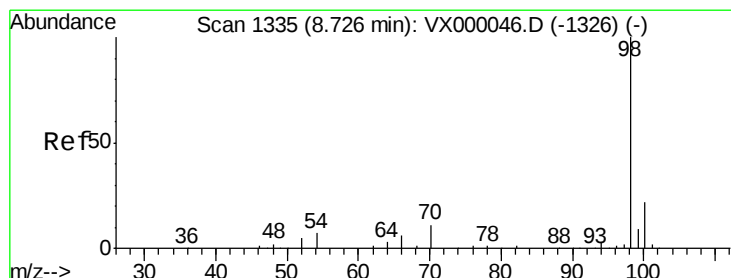
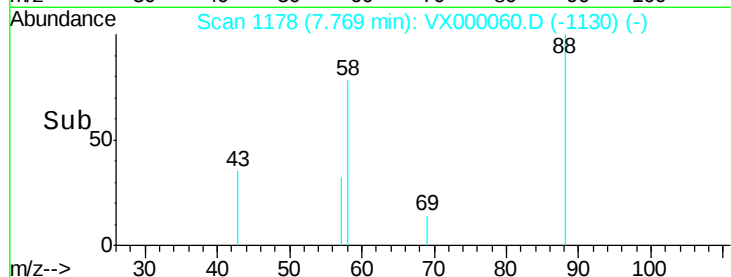
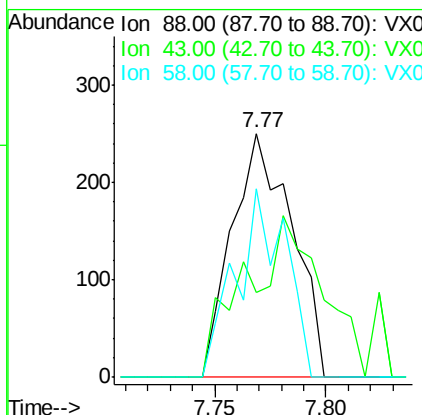
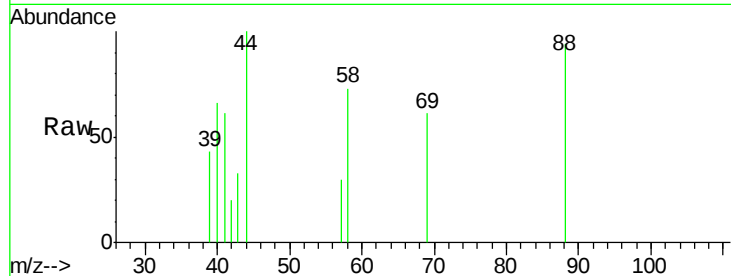
#49
1,4-Dioxane
Concen: 9.82 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. -0.01 min
Lab File: VX000060.D
Acq: 12 Feb 2018 12:34

Instrument :
ClientSampled :
MDL 04

Tot Ion: 88 Resp: 467
Ion Ratio Lower Upper
88 100
43 84.6 22.6 33.8#
58 63.6 49.4 74.2

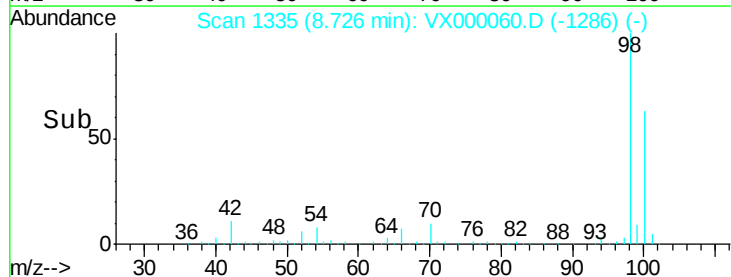
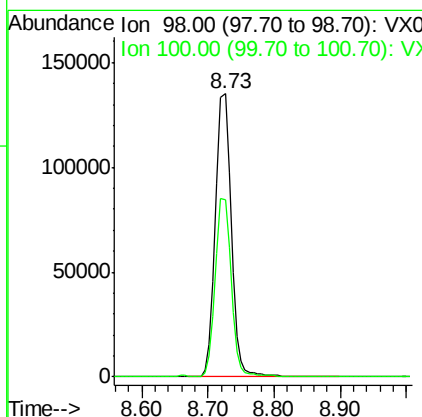
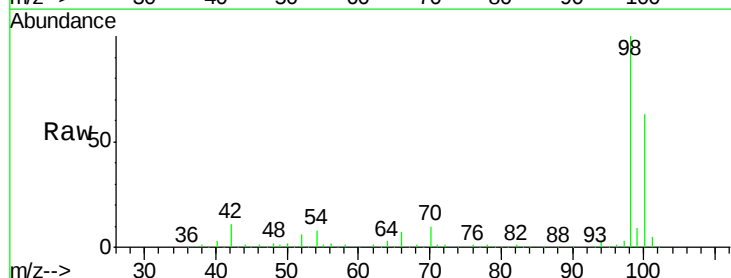
Manual Integrations
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#50
Toluene-d8
Concen: 48.44 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000060.D
Acq: 12 Feb 2018 12:34

Tgt Ion: 98 Resp: 225797
Ion Ratio Lower Upper
98 100
100 63.2 51.8 77.6





#51

4-Methyl-2-Pentanone

Concen: 2.67 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.01 min

Lab File: VX000060.D

Acq: 12 Feb 2018 12:34

Instrument :

ClientSampled :

MDL 04

Tot Ion: 43 Resp: 6766

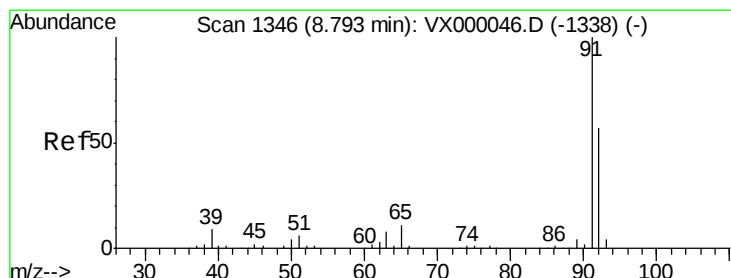
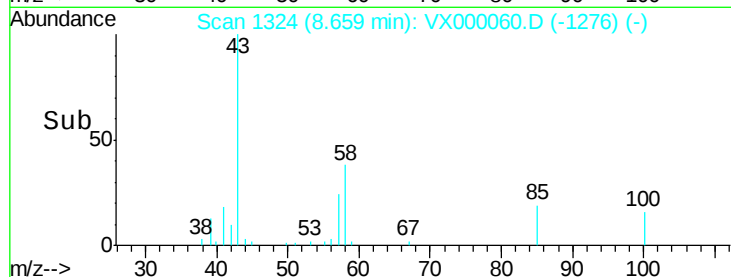
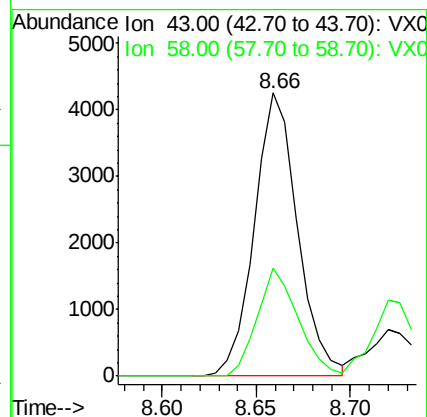
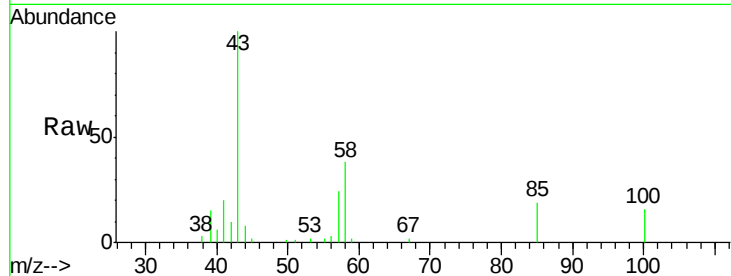
Ion Ratio Lower Upper

43 100

58 36.0 32.1 48.1

Manual Integrations
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#52

Toluene

Concen: 0.49 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000060.D

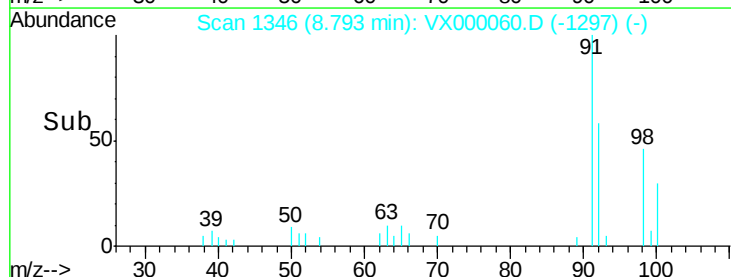
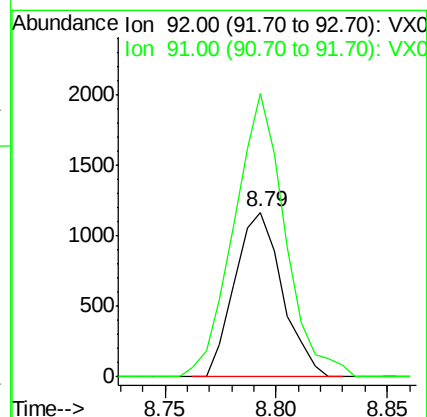
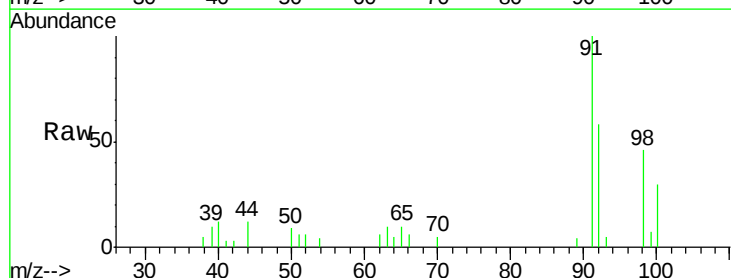
Acq: 12 Feb 2018 12:34

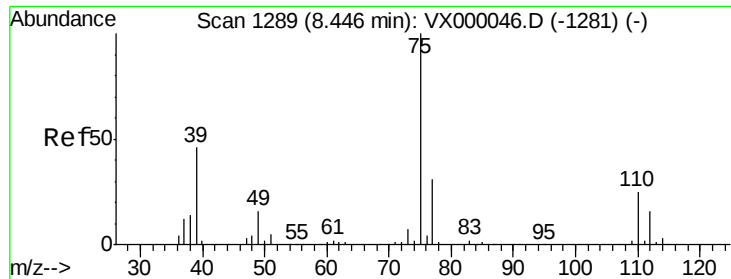
Tgt Ion: 92 Resp: 1734

Ion Ratio Lower Upper

92 100

91 184.4 139.8 209.6





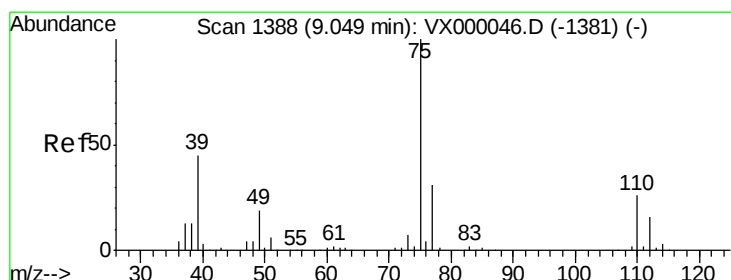
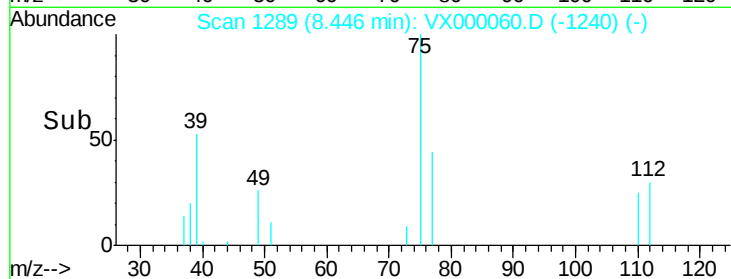
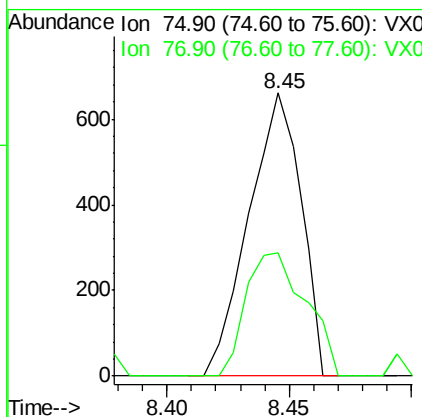
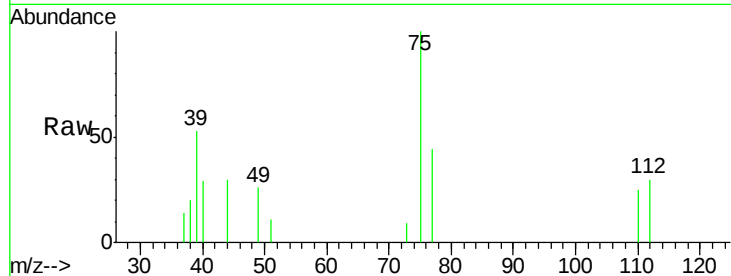
#53
 t-1,3-Dichloropropene
 Concen: 0.43 ug/l
 RT: 8.45 min Scan# 1289
 Delta R.T. -0.00 min
 Lab File: VX000060.D
 Acq: 12 Feb 2018 12:34

Instrument :
 ClientSampled :
 MDL 04

Tot Ion: 75 Resp: 976
 Ion Ratio Lower Upper
 75 100
 77 43.6 25.0 37.4#

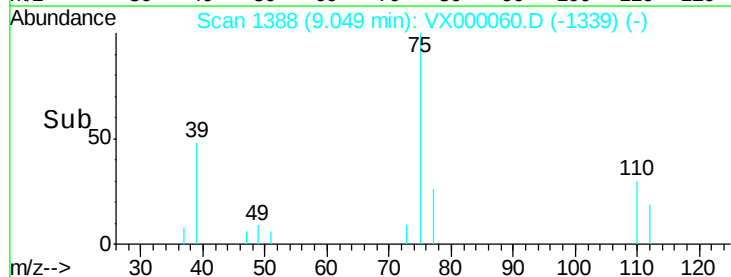
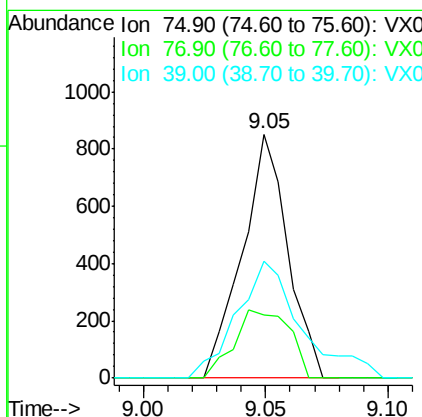
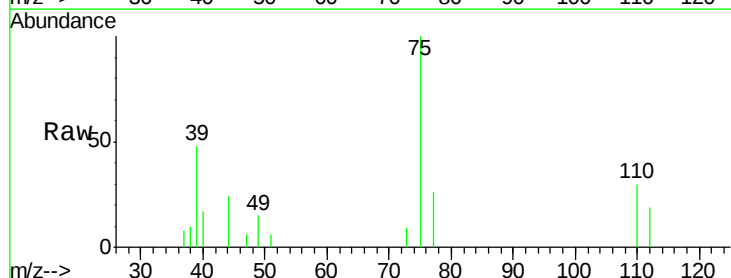
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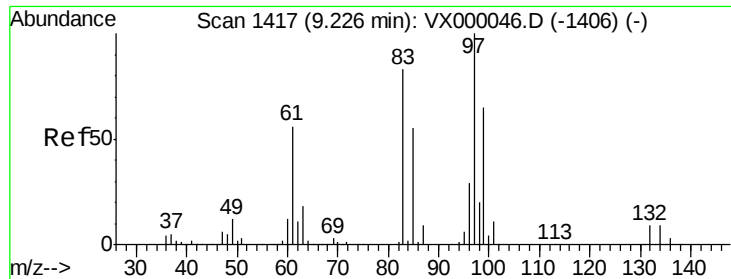
MMDadoda
 2/15/2018 6:05:08 PM



#54
 cis-1,3-Dichloropropene
 Concen: 0.50 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VX000060.D
 Acq: 12 Feb 2018 12:34

Tgt Ion: 75 Resp: 1098
 Ion Ratio Lower Upper
 75 100
 77 26.1 25.1 37.7
 39 47.9 36.1 54.1





#55

1,1,2-Trichloroethane

Concen: 0.52 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. -0.01 min

Lab File: VX000060.D

Acq: 12 Feb 2018 12:34

Instrument :

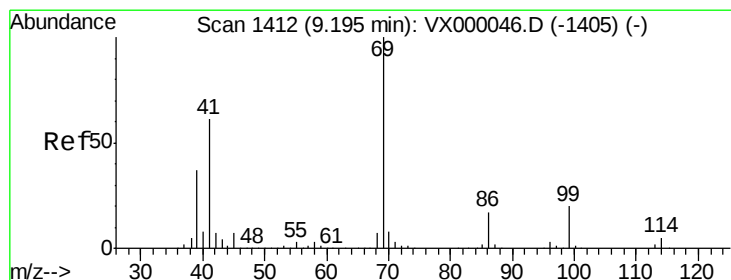
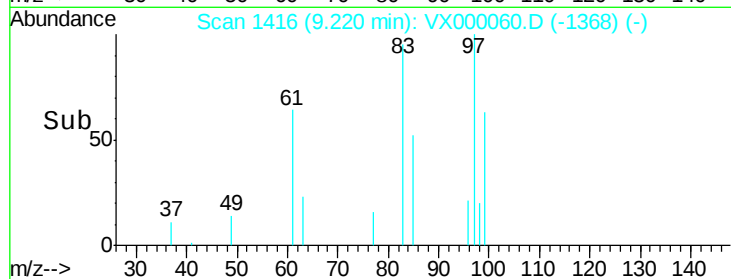
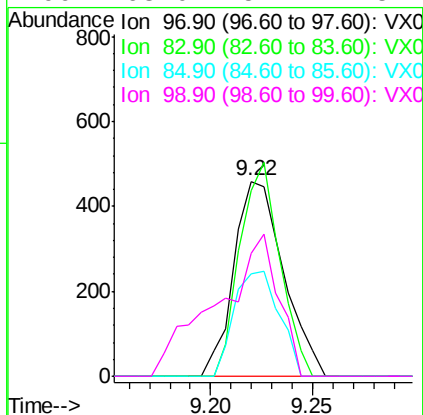
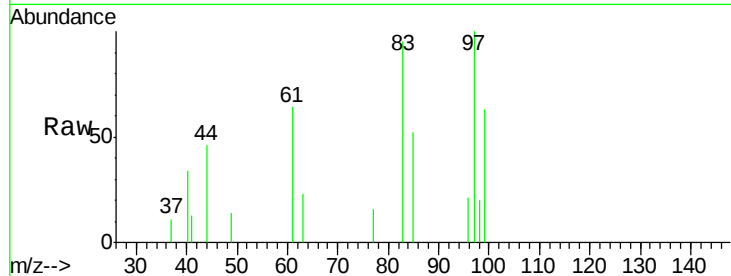
ClientSampled :

MDL 04

Tot Ion:	97	Resp:	777
Ion	Ratio	Lower	Upper
97	100		
83	95.2	66.5	99.7
85	52.3	43.8	65.6
99	63.0	52.2	78.4

Manual Integrations
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#56

Ethyl methacrylate

Concen: 0.54 ug/l

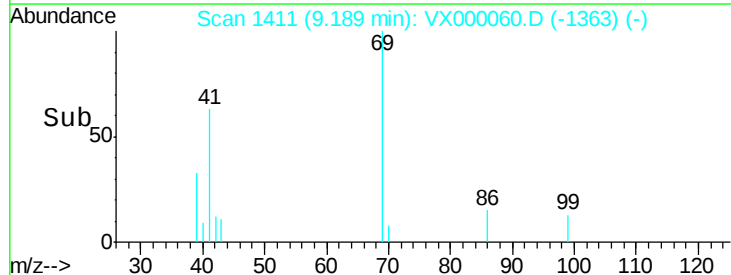
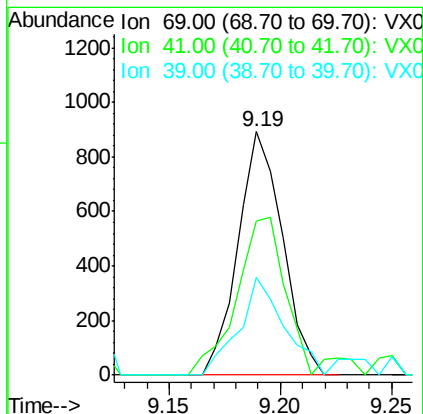
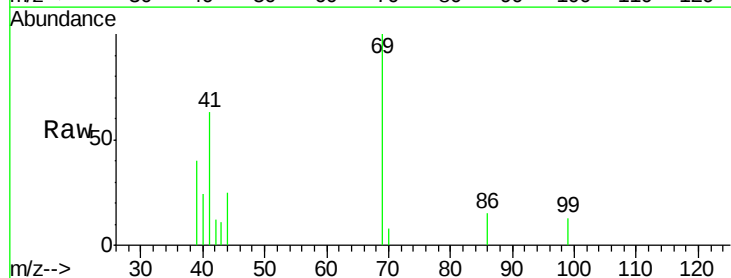
RT: 9.19 min Scan# 1411

Delta R.T. -0.01 min

Lab File: VX000060.D

Acq: 12 Feb 2018 12:34

Tgt Ion:	69	Resp:	1242
Ion	Ratio	Lower	Upper
69	100		
41	72.1	49.5	74.3
39	41.0	29.9	44.9





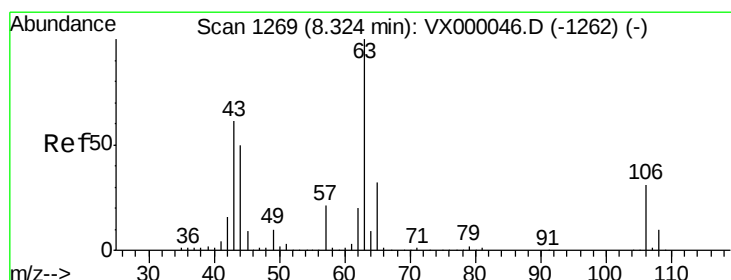
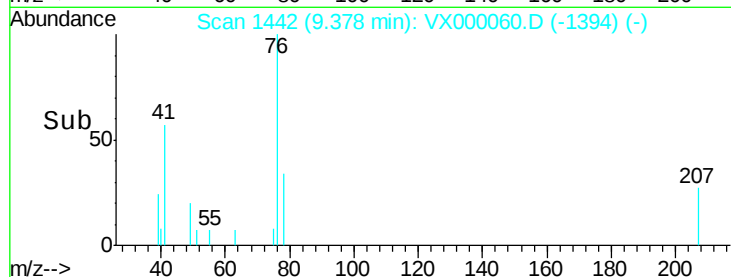
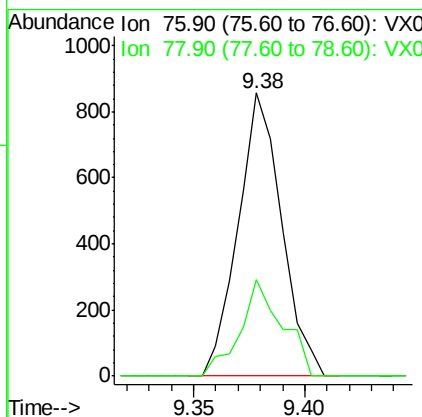
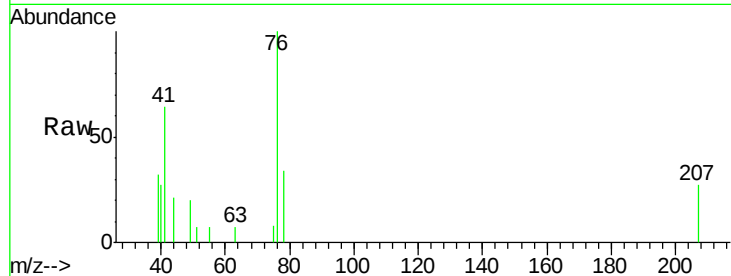
#57
 1,3-Dichloropropane
 Concen: 0.50 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: VX000060.D
 Acq: 12 Feb 2018 12:34

Instrument :
 ClientSampled :
 MDL 04

Tot Ion: 76 Resp: 1168
 Ion Ratio Lower Upper
 76 100
 78 32.7 25.9 38.9

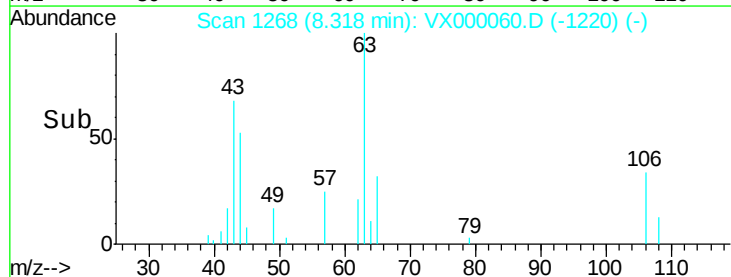
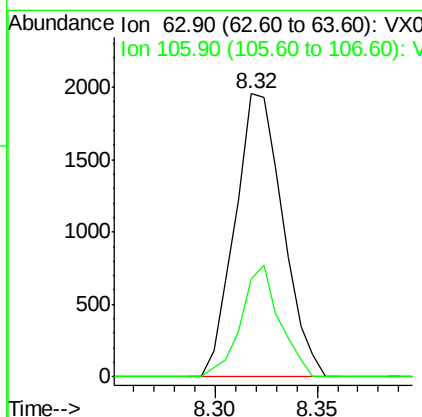
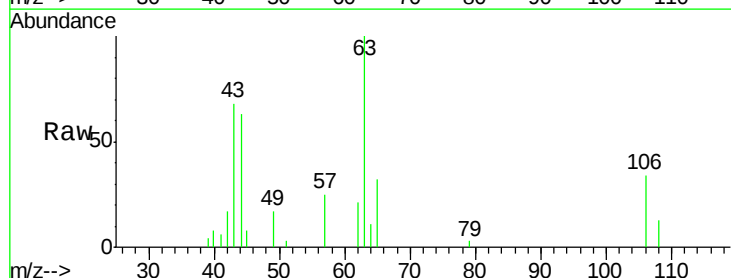
Manual Integrations
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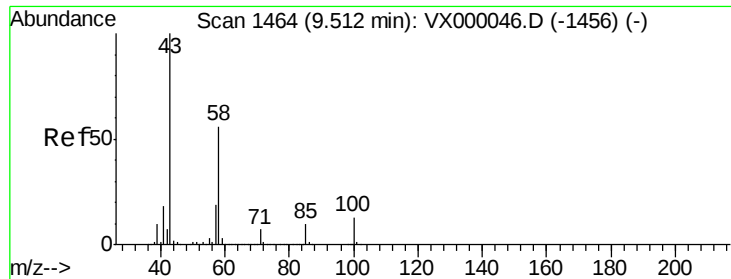
MMDadoda
 2/15/2018 6:05:08 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 2.83 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VX000060.D
 Acq: 12 Feb 2018 12:34

Tgt Ion: 63 Resp: 3190
 Ion Ratio Lower Upper
 63 100
 106 31.7 24.7 37.1





#59

2-Hexanone

Concen: 2.68 ug/l

RT: 9.51 min Scan# 1463

Delta R.T. -0.01 min

Lab File: VX000060.D

Acq: 12 Feb 2018 12:34

Instrument :

ClientSampled :

MDL 04

Tot Ion: 43 Resp: 5529

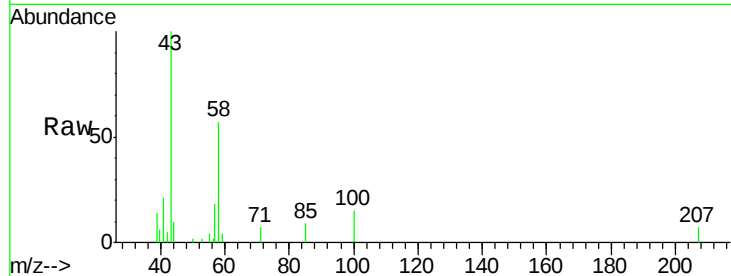
Ion Ratio Lower Upper

43 100

58 51.0 27.6 82.7

Manual Integrations
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

4000

3000

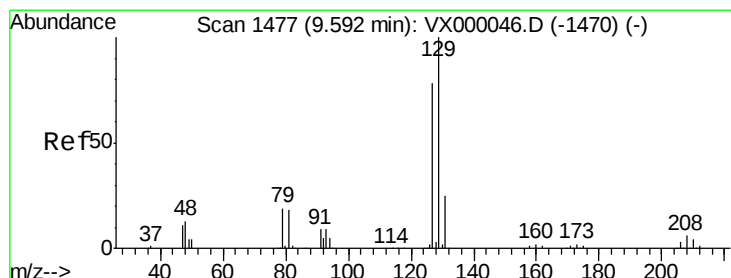
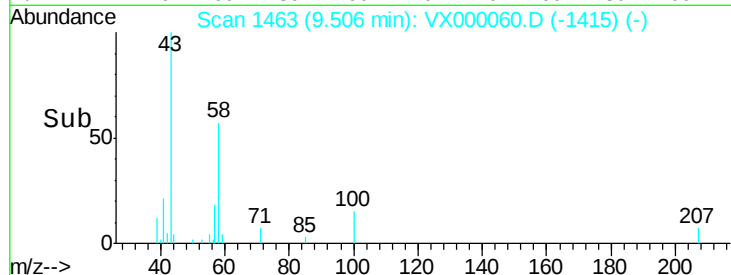
2000

1000

0

9.45 9.50 9.55

Time-->



#60

Dibromochloromethane

Concen: 0.49 ug/l

RT: 9.59 min Scan# 1477

Delta R.T. -0.00 min

Lab File: VX000060.D

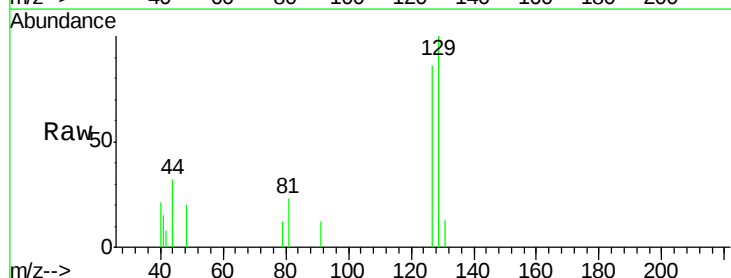
Acq: 12 Feb 2018 12:34

Tgt Ion: 129 Resp: 838

Ion Ratio Lower Upper

129 100

127 72.2 38.6 115.8



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

600

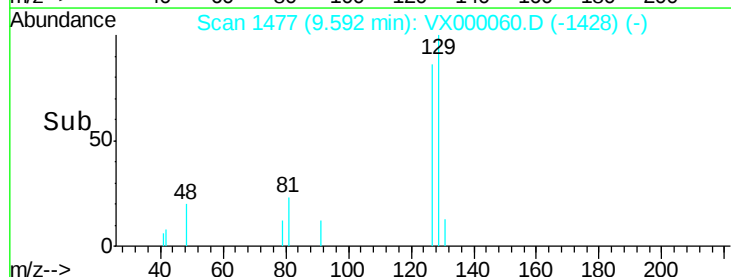
400

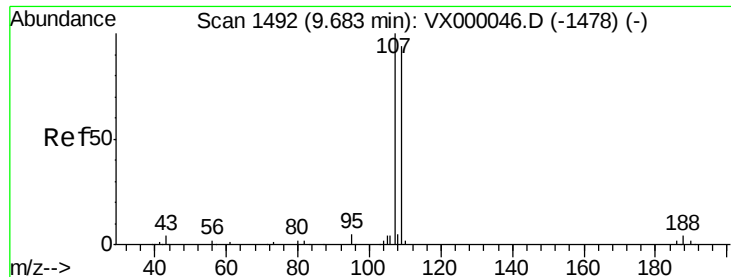
200

0

9.55 9.60 9.65

Time-->





#61

1,2-Dibromoethane

Concen: 0.46 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX000060.D

Acq: 12 Feb 2018 12:34

Instrument :

ClientSampled :

MDL 04

Tot Ion:107 Resp: 760

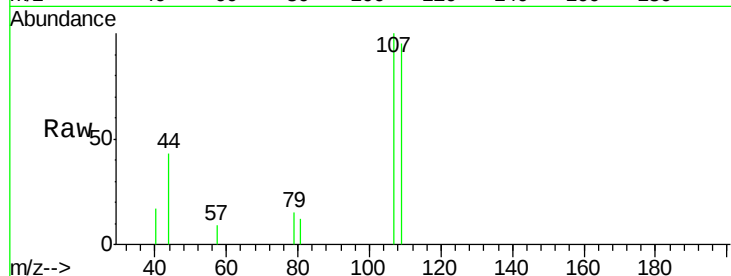
Ion Ratio Lower Upper

107 100

109 103.4 74.6 111.8

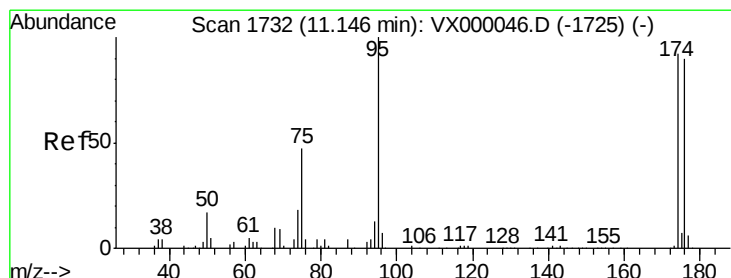
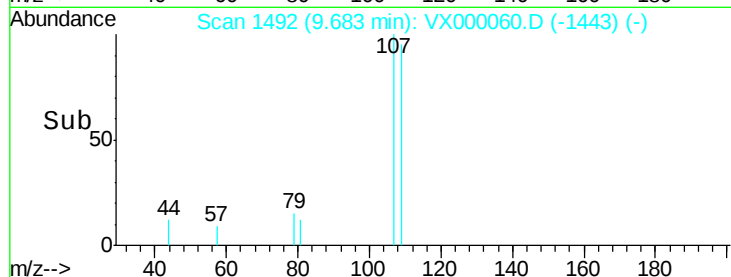
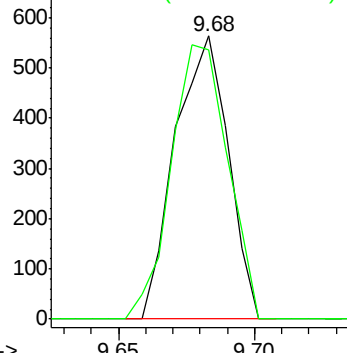
Manual Integrations
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.13 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000060.D

Acq: 12 Feb 2018 12:34

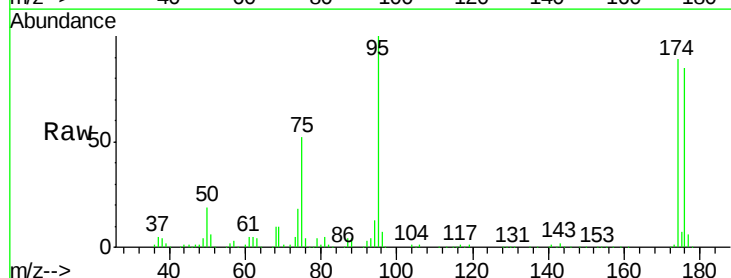
Tgt Ion: 95 Resp: 91226

Ion Ratio Lower Upper

95 100

174 89.3 0.0 185.6

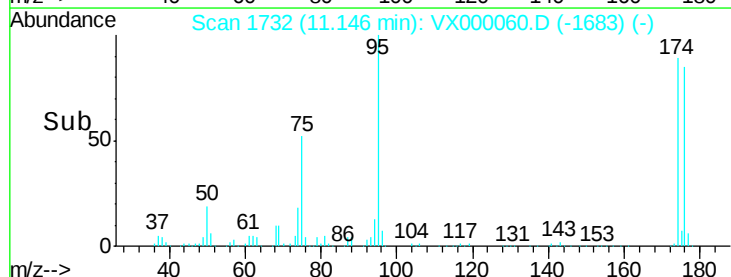
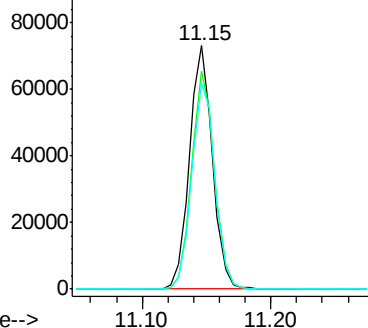
176 85.9 0.0 181.8

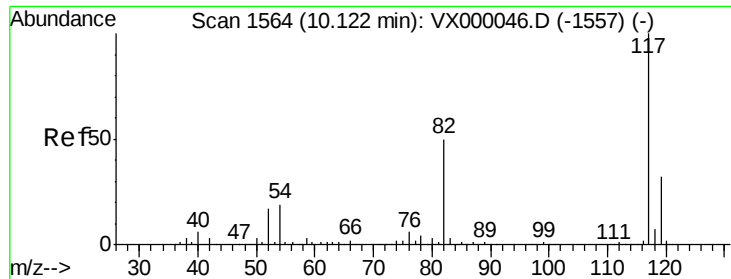


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





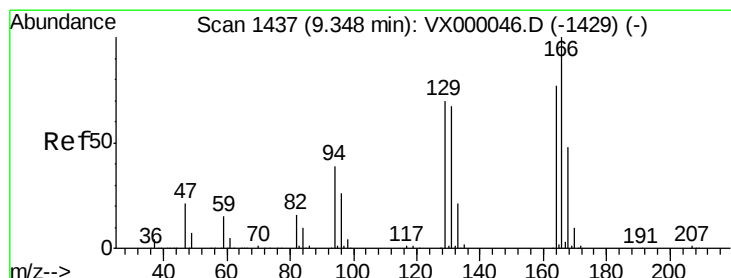
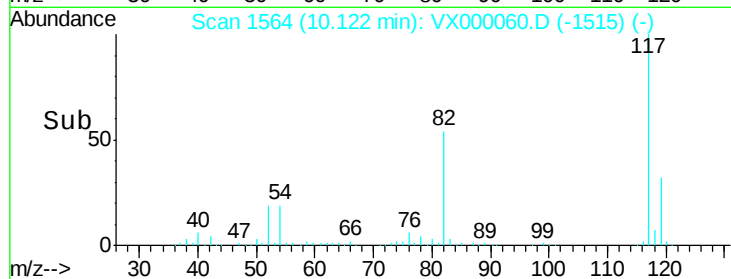
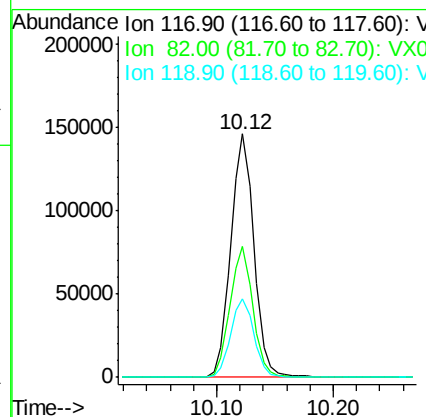
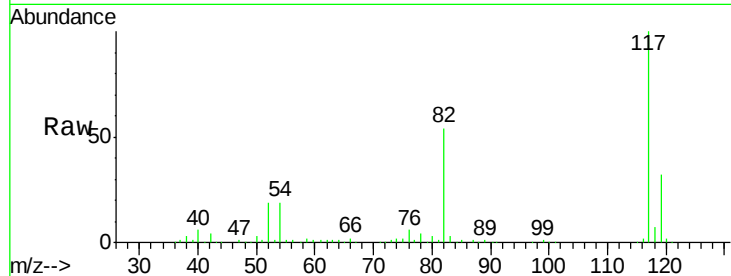
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000060.D
Acq: 12 Feb 2018 12:34

Instrument :
ClientSampled :
MDL 04

Tot Ion	Ratio	Resp	Lower	Upper
117	100	201855		
82	53.6		40.3	60.5
119	32.0		25.3	37.9

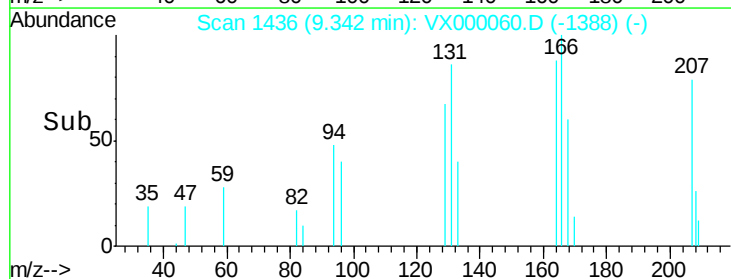
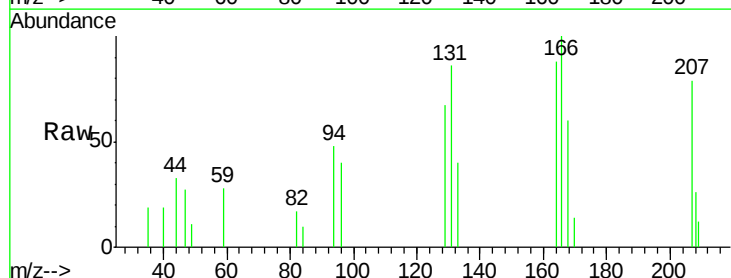
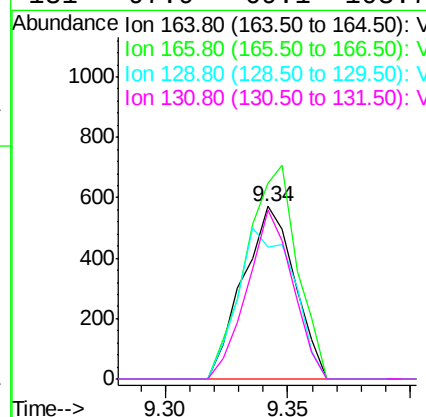
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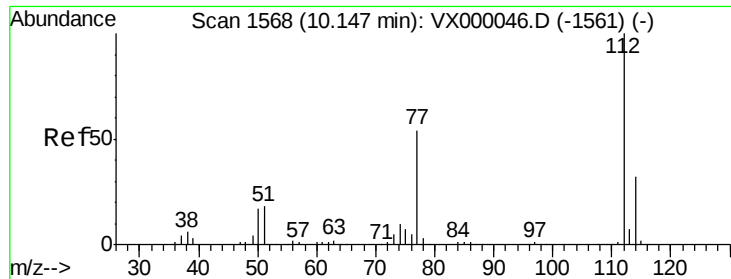
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#64
Tetrachloroethene
Concen: 0.56 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.01 min
Lab File: VX000060.D
Acq: 12 Feb 2018 12:34

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	842		
166	113.7		103.7	155.5
129	76.5		72.2	108.4
131	97.9		69.1	103.7





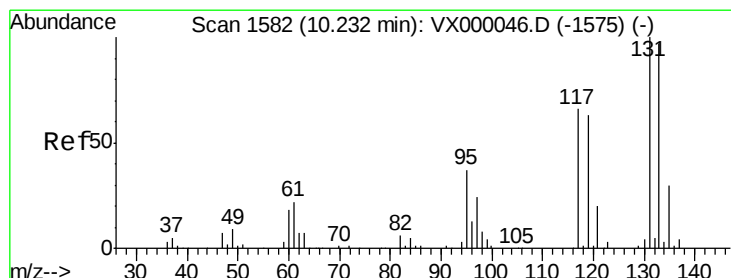
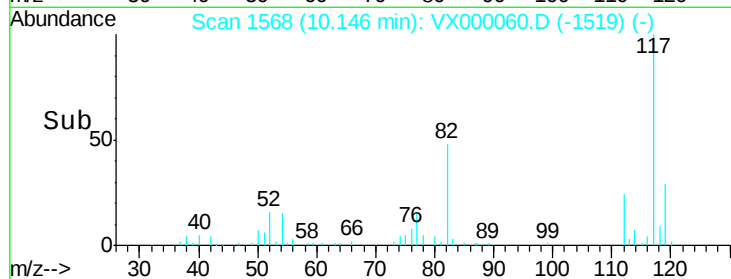
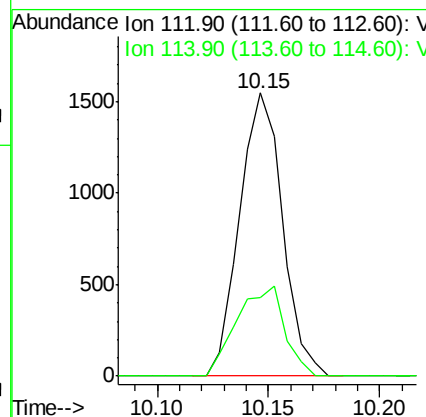
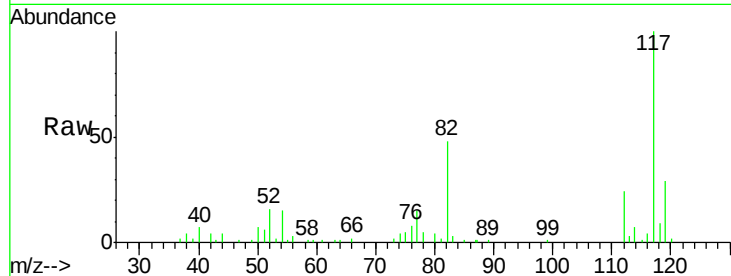
#65
Chlorobenzene
Concen: 0.50 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000060.D
Acq: 12 Feb 2018 12:34

Instrument :
Client Sampled :
MDL 04

Tot Ion:112 Resp: 2083
Ion Ratio Lower Upper
112 100
114 28.0 25.6 38.4

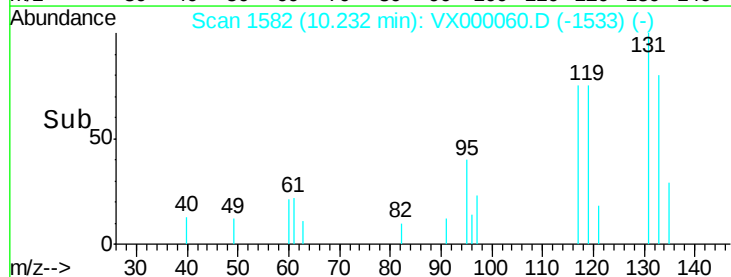
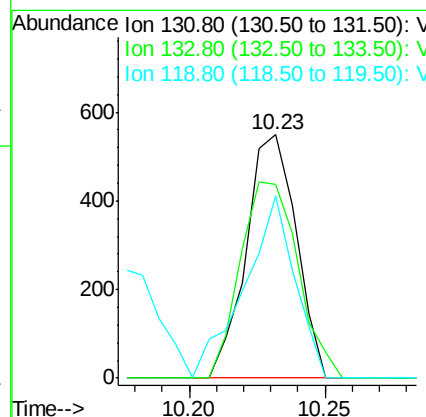
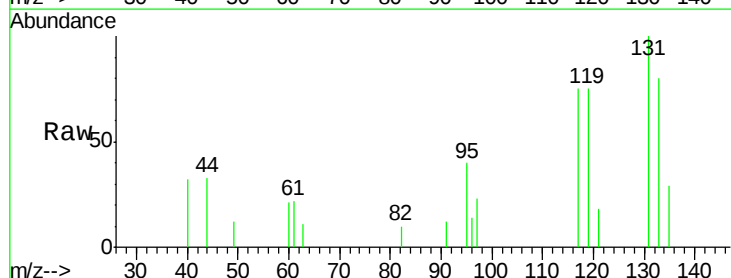
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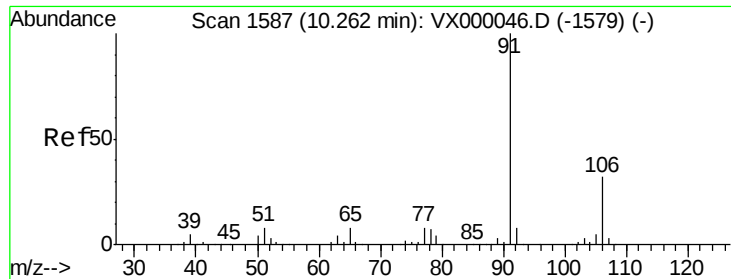
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#66
1,1,1,2-Tetrachloroethane
Concen: 0.46 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VX000060.D
Acq: 12 Feb 2018 12:34

Tgt Ion:131 Resp: 699
Ion Ratio Lower Upper
131 100
133 93.3 47.6 142.9
119 0.0 31.7 95.1#





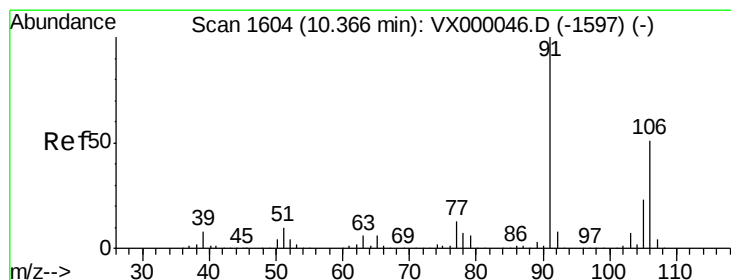
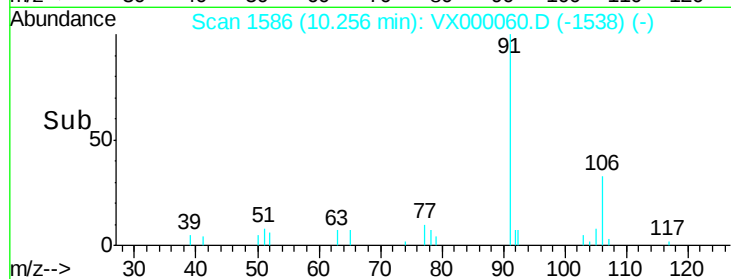
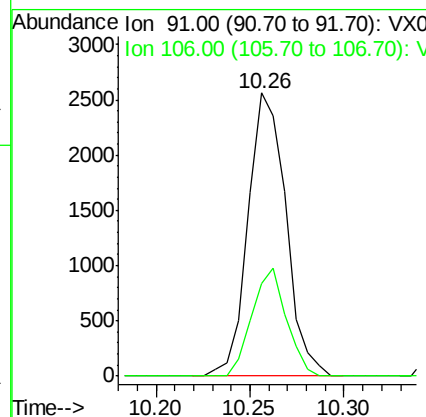
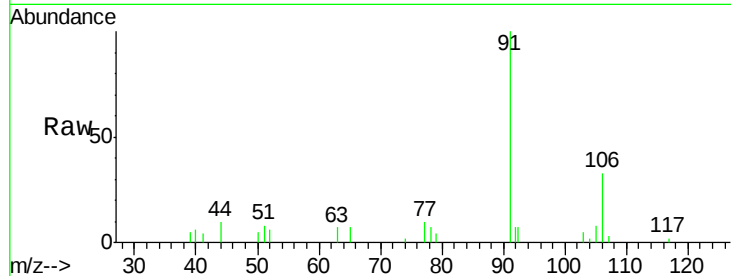
#67
Ethyl Benzene
Concen: 0.51 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.01 min
Lab File: VX000060.D
Acq: 12 Feb 2018 12:34

Instrument :
Client Sampled :
MDL 04

Tot Ion: 91 Resp: 3571
Ion Ratio Lower Upper
91 100
106 32.9 25.9 38.9

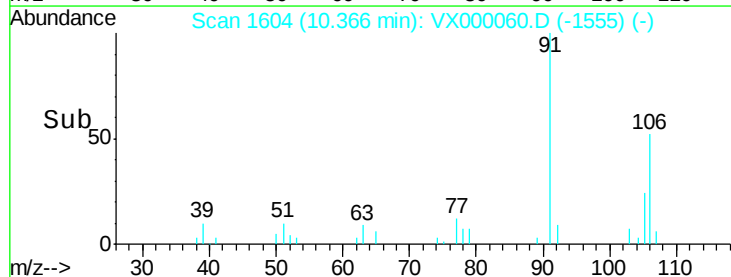
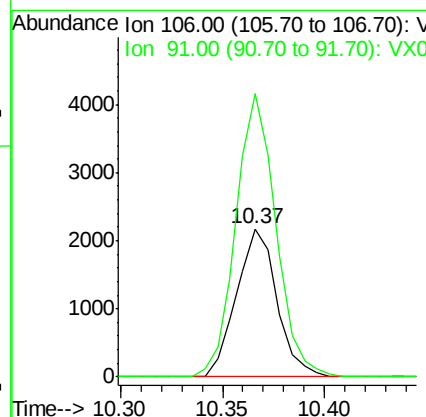
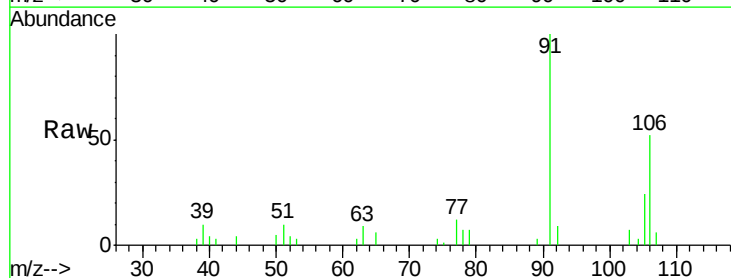
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#68
m/p-Xylenes
Concen: 1.08 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000060.D
Acq: 12 Feb 2018 12:34

Tgt Ion: 106 Resp: 2987
Ion Ratio Lower Upper
106 100
91 189.2 158.3 237.5





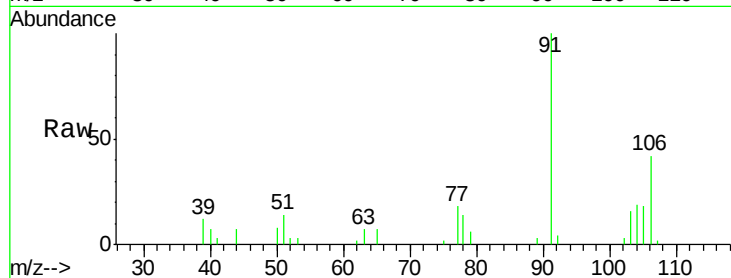
#69
o-Xylene
Concen: 0.50 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000060.D
Acq: 12 Feb 2018 12:34

Instrument :
Client Sampled :
MDL 04

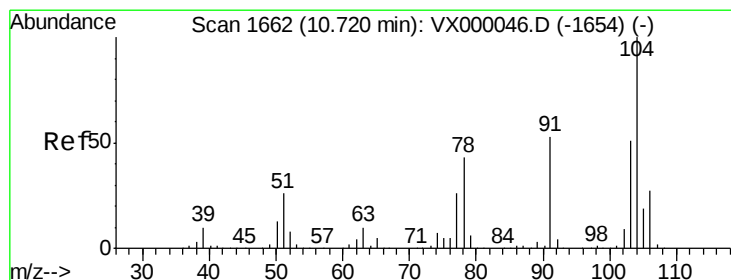
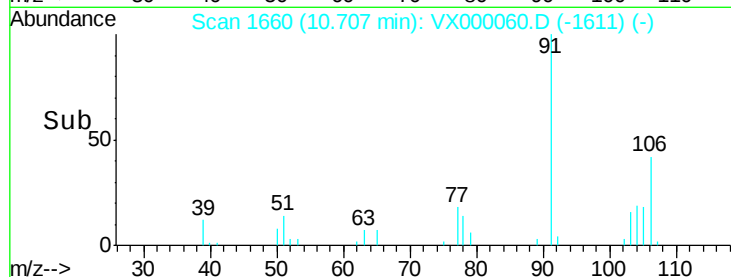
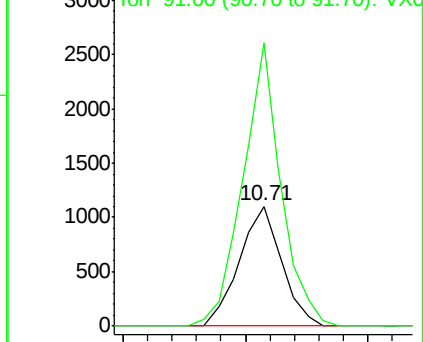
Tot Ion:106 Resp: 1332
Ion Ratio Lower Upper
106 100
91 212.4 104.0 312.0

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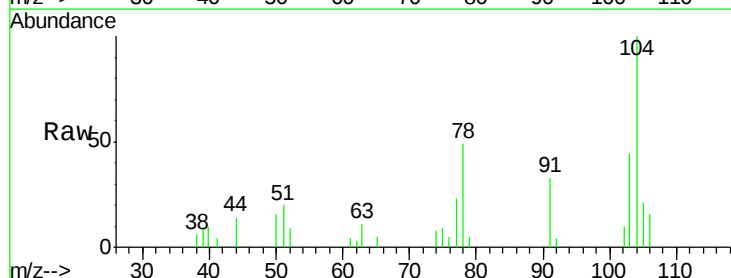


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

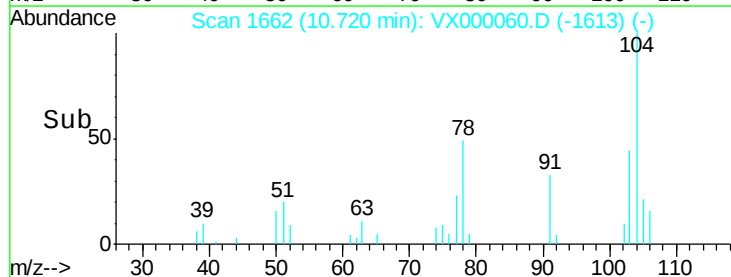
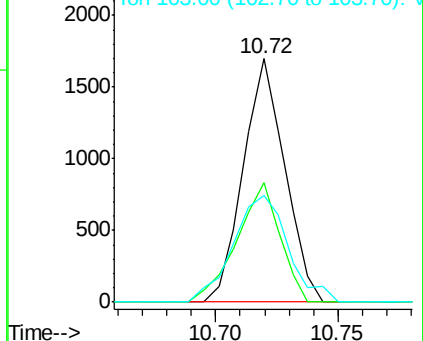


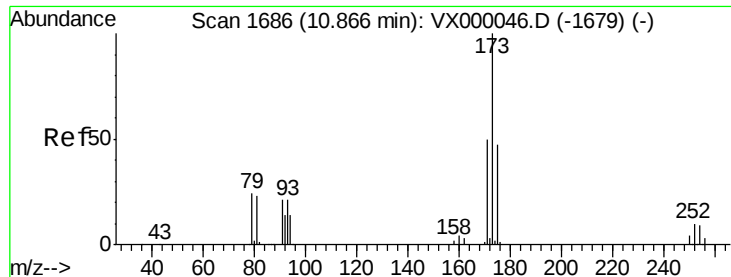
#70
Styrene
Concen: 0.45 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000060.D
Acq: 12 Feb 2018 12:34

Tgt Ion:104 Resp: 2020
Ion Ratio Lower Upper
104 100
78 50.6 37.7 56.5
103 57.6 44.0 66.0



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





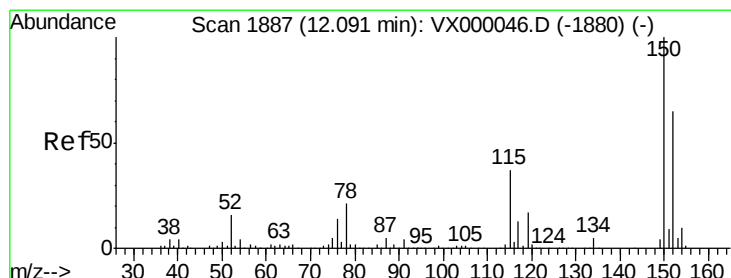
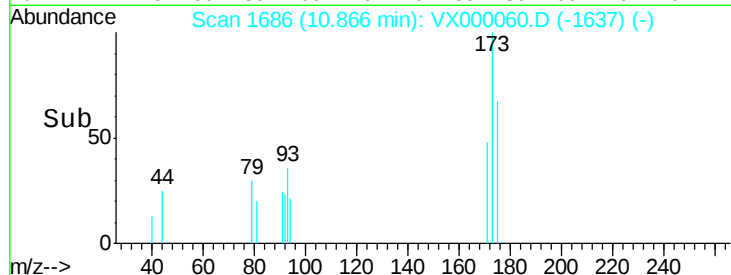
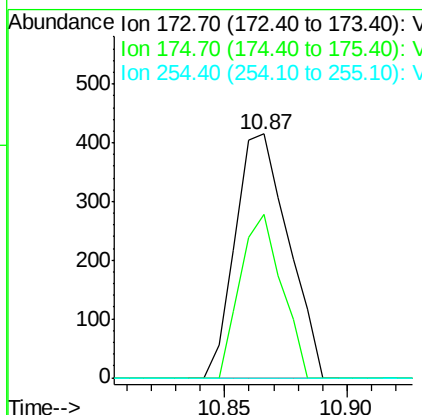
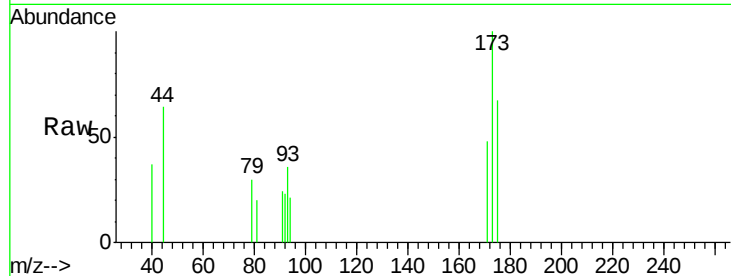
#71
Bromoform
Concen: 0.44 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VX000060.D
Acq: 12 Feb 2018 12:34

Instrument :
ClientSampled :
MDL 04

Tot Ion:173 Resp: 629
Ion Ratio Lower Upper
173 100
175 52.5 23.9 71.8
254 0.0 0.1 0.1#

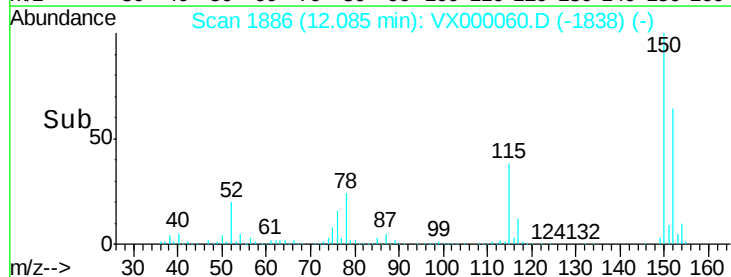
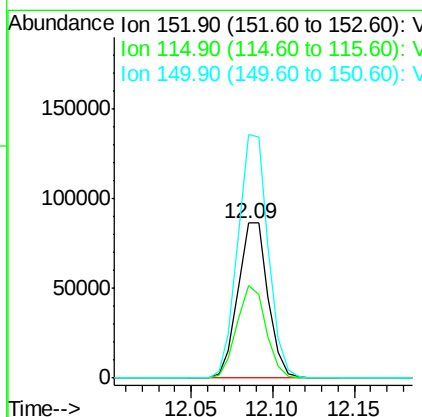
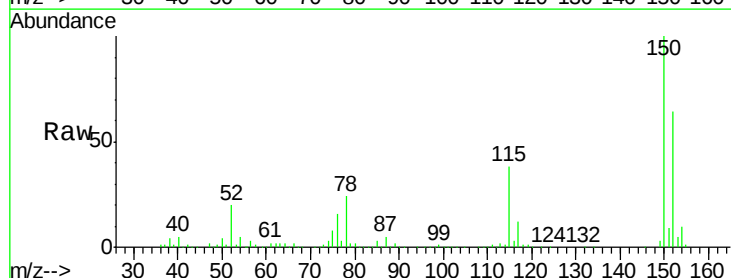
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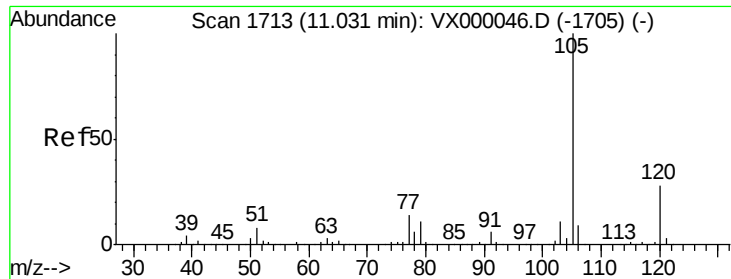
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.01 min
Lab File: VX000060.D
Acq: 12 Feb 2018 12:34

Tgt Ion:152 Resp: 111513
Ion Ratio Lower Upper
152 100
115 57.5 39.3 117.8
150 157.6 0.0 349.2





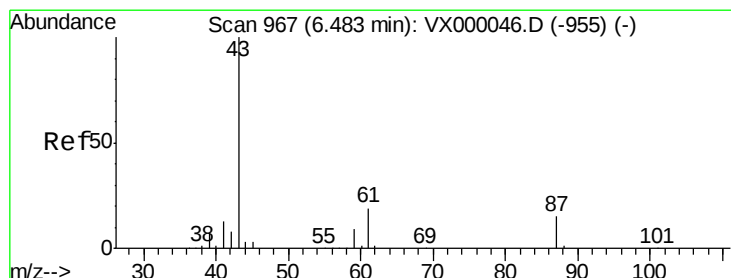
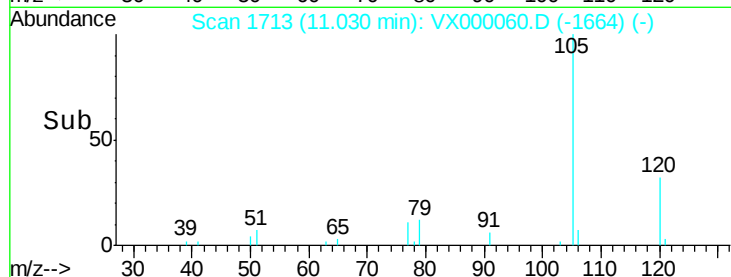
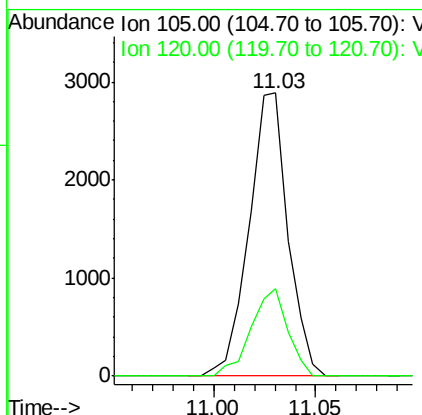
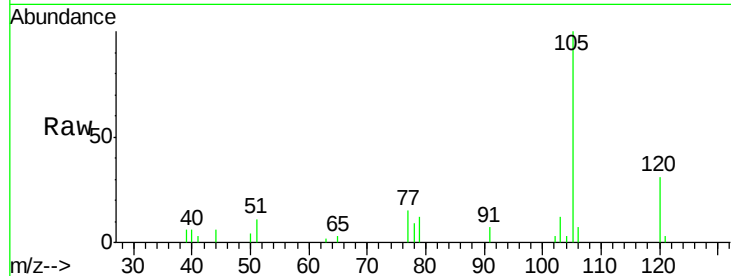
#73
Isopropylbenzene
Concen: 0.54 ug/l
RT: 11.03 min Scan# 1713
Delta R.T. -0.00 min
Lab File: VX000060.D
Acq: 12 Feb 2018 12:34

Instrument :
Client Sampled :
MDL 04

Tot Ion: 105 Resp: 3834
Ion Ratio Lower Upper
105 100
120 29.0 13.8 41.3

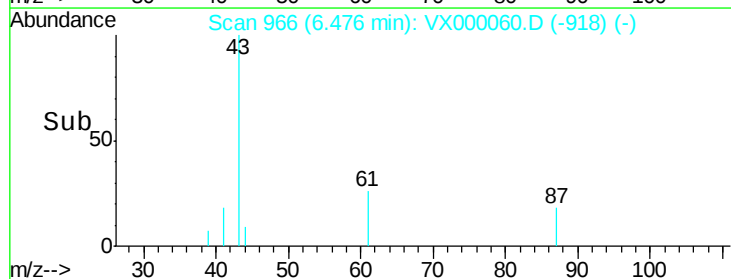
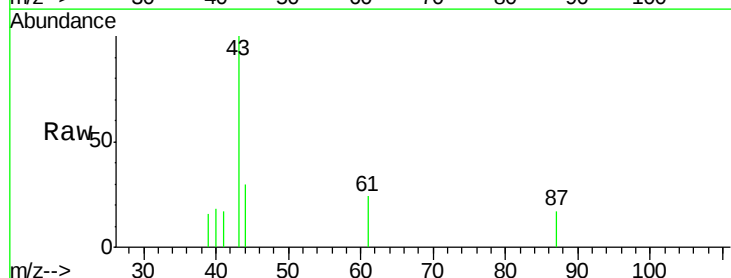
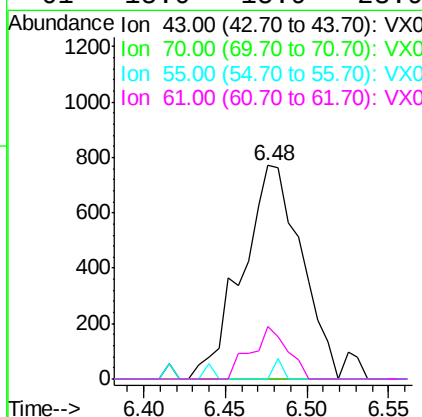
Manual Integrations
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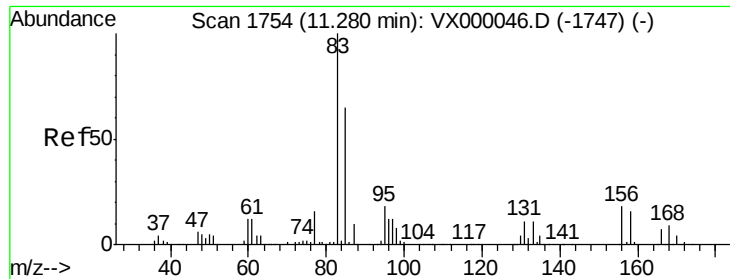
MMDadoda
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#74
N-ethyl acetate
Concen: 0.55 ug/l
RT: 6.48 min Scan# 966
Delta R.T. -0.01 min
Lab File: VX000060.D
Acq: 12 Feb 2018 12:34

Tgt Ion: 43 Resp: 1942
Ion Ratio Lower Upper
43 100
70 0.0 0.0 0.0
55 1.4 0.1 0.1#
61 15.0 15.9 23.9#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.49 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.01 min

Lab File: VX000060.D

Acq: 12 Feb 2018 12:34

Instrument :

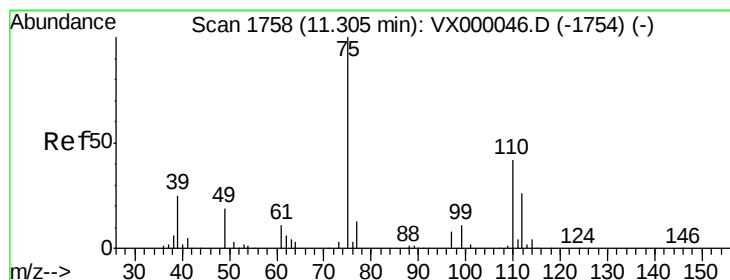
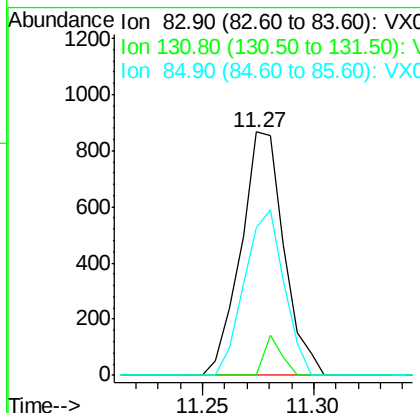
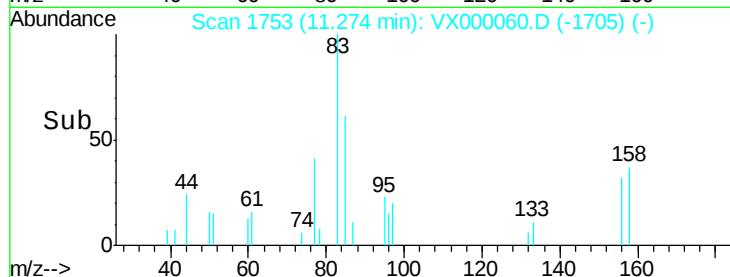
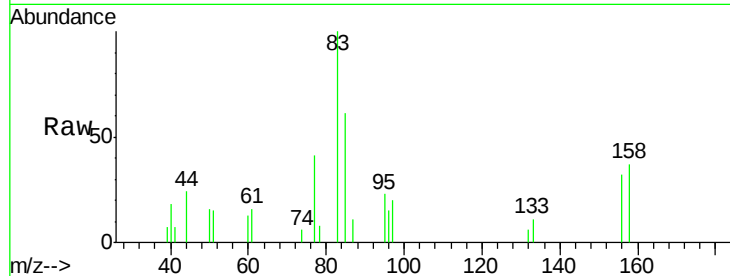
ClientSampled :

MDL 04

Tot Ion:	83	Resp:	1173
Ion	Ratio	Lower	Upper
83	100		
131	6.6	5.5	16.7
85	62.1	32.6	97.7

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 0.62 ug/l m

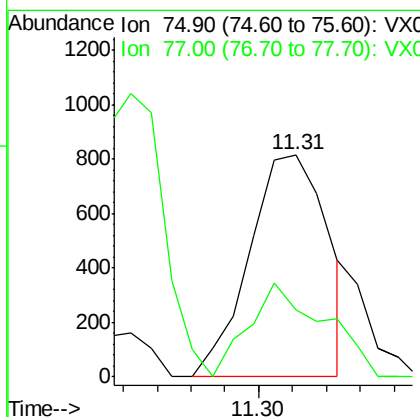
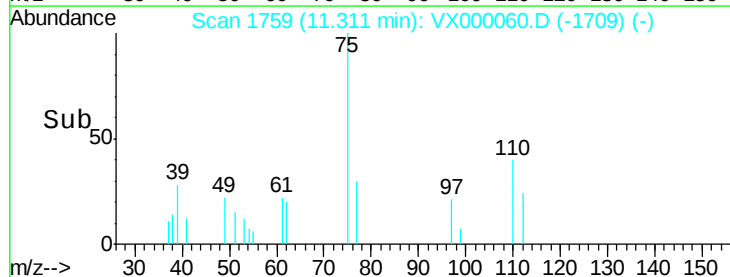
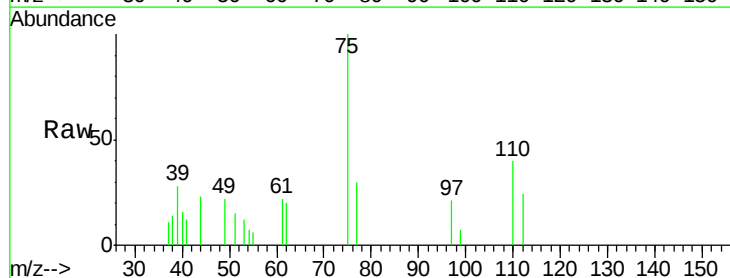
RT: 11.31 min Scan# 1759

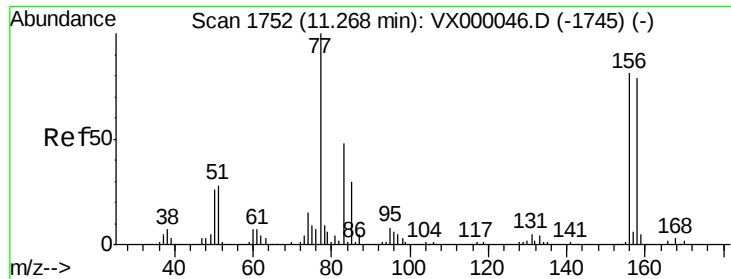
Delta R.T. 0.01 min

Lab File: VX000060.D

Acq: 12 Feb 2018 12:34

Tgt Ion:	75	Resp:	1304
Ion	Ratio	Lower	Upper
75	100		
77	41.0	23.7	71.1





#77

Bromobenzene

Concen: 0.47 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.01 min

Lab File: VX000060.D

Acq: 12 Feb 2018 12:34

Instrument :

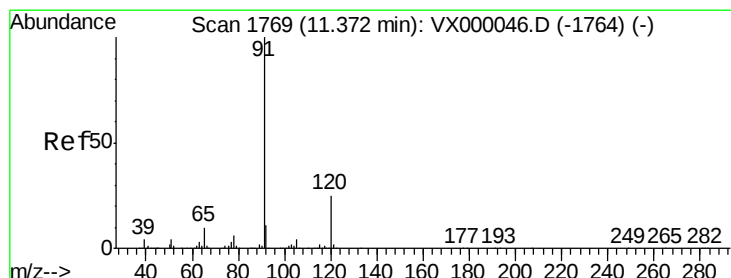
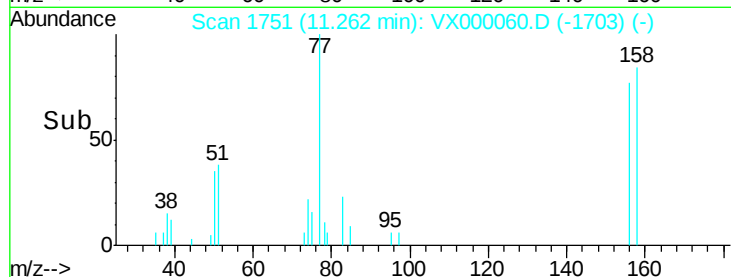
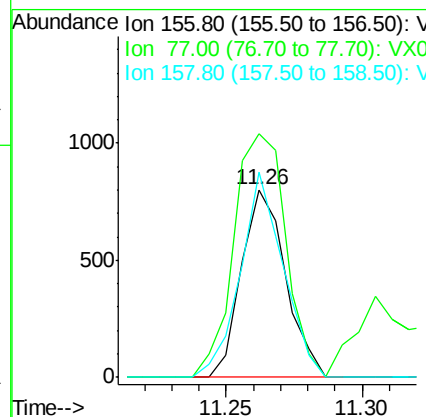
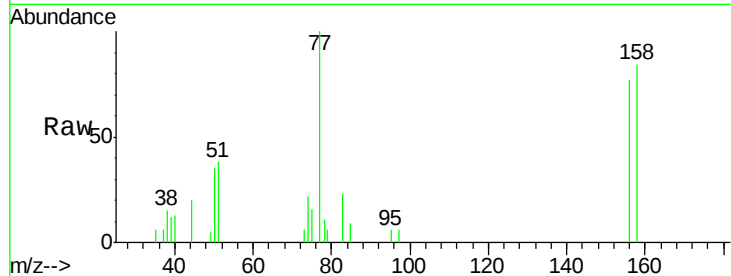
ClientSampled :

MDL 04

Tot Ion:	156	Resp:	899
Ion Ratio	Lower	Upper	
156	100		
77	153.4	66.2	198.6
158	106.2	48.6	145.9

Manual Integrations
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#78

n-propylbenzene

Concen: 0.54 ug/l

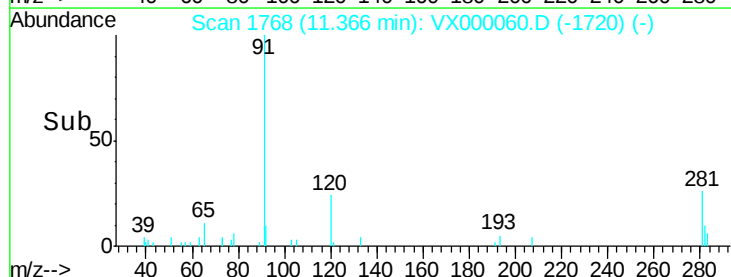
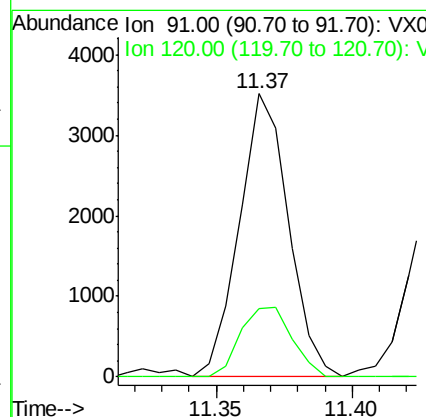
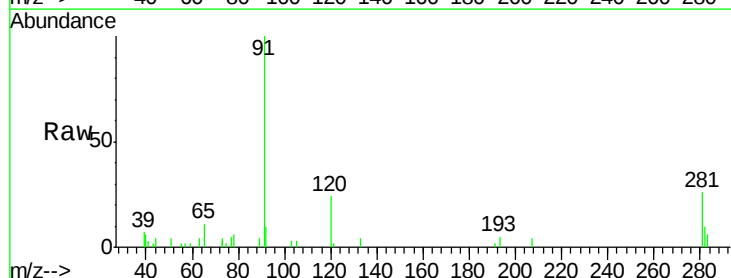
RT: 11.37 min Scan# 1768

Delta R.T. -0.01 min

Lab File: VX000060.D

Acq: 12 Feb 2018 12:34

Tgt Ion:	91	Resp:	4399
Ion Ratio	Lower	Upper	
91	100		
120	25.9	12.2	36.6





#79

2-Chlorotoluene

Concen: 0.58 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VX000060.D

Acq: 12 Feb 2018 12:34

Instrument :

ClientSampled :

MDL 04

Tot Ion: 91 Resp: 2737

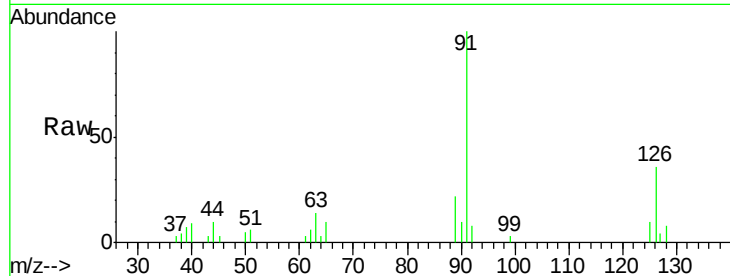
Ion Ratio Lower Upper

91 100

126 35.4 18.2 54.6

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Abundance Ion 91.00 (90.70 to 91.70): VX000046.D (-1774) (-)

Ion 125.90 (125.60 to 126.60): VX000046.D (-1774) (-)

11.43

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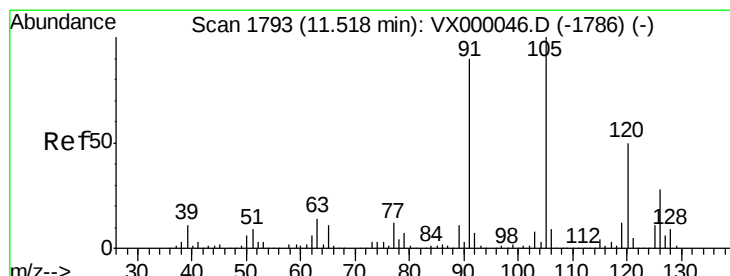
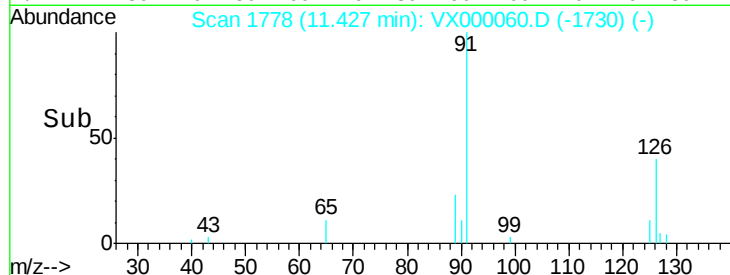
11.43

11.43

11.43

11.43

11.43



#80

1,3,5-Trimethylbenzene

Concen: 0.50 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX000060.D

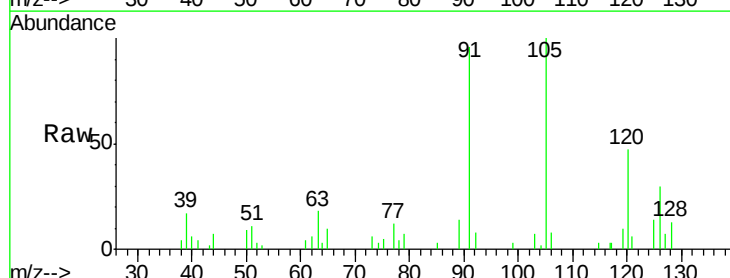
Acq: 12 Feb 2018 12:34

Tgt Ion: 105 Resp: 2976

Ion Ratio Lower Upper

105 100

120 52.4 24.8 74.3



Abundance Ion 105.00 (104.70 to 105.70): VX000046.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX000046.D (-1786) (-)

11.52

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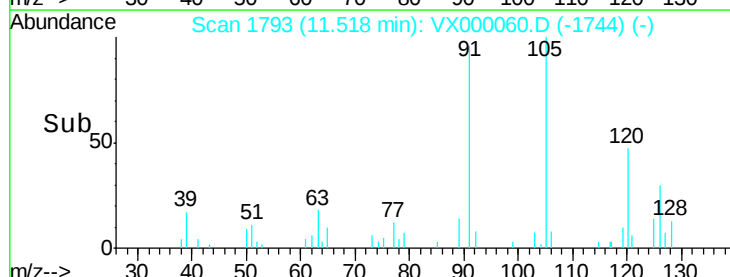
11.52

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11.52



Abundance Ion 105.00 (104.70 to 105.70): VX000060.D (-1744) (-)

Ion 120.00 (119.70 to 120.70): VX000060.D (-1744) (-)

11.52

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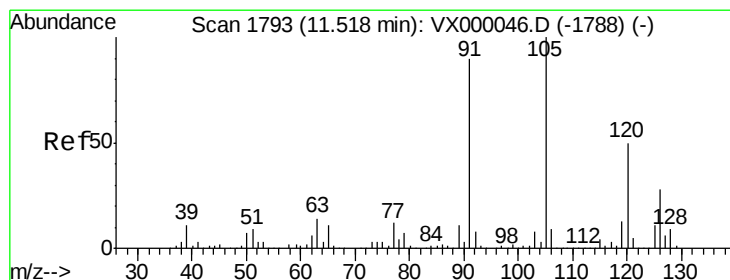
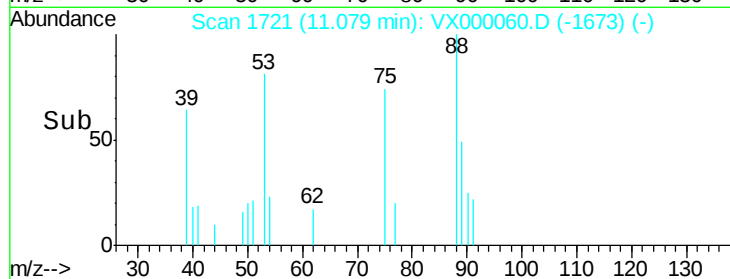
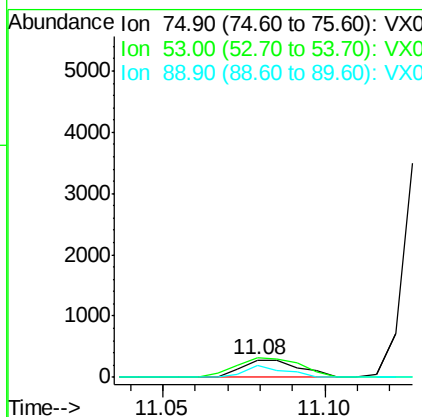
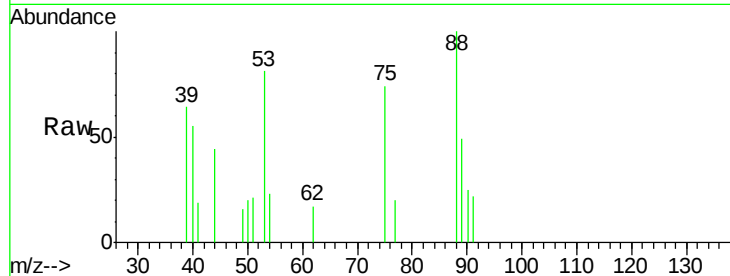
#81
trans-1,4-Dichloro-2-butene
Concen: 0.42 ug/l m
RT: 11.08 min Scan# 1721
Delta R.T. -0.01 min
Lab File: VX000060.D
Acq: 12 Feb 2018 12:34

Instrument :
ClientSampled :
MDL 04

Tot Ion: 75 Resp: 353
Ion Ratio Lower Upper
75 100
53 0.0 70.3 105.5#
89 0.0 48.6 72.8#

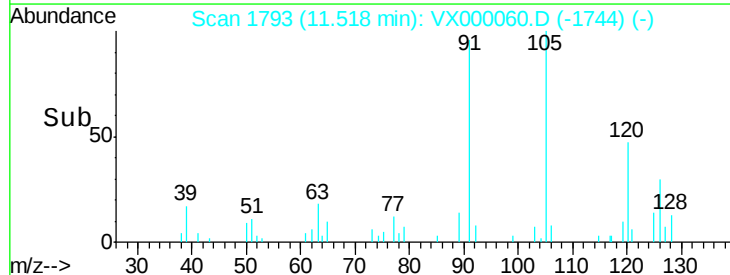
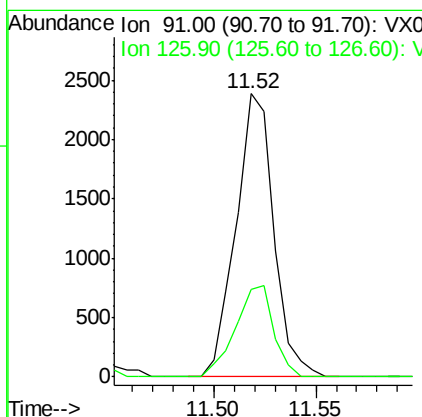
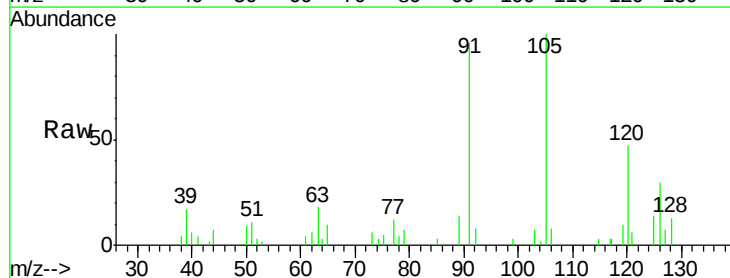
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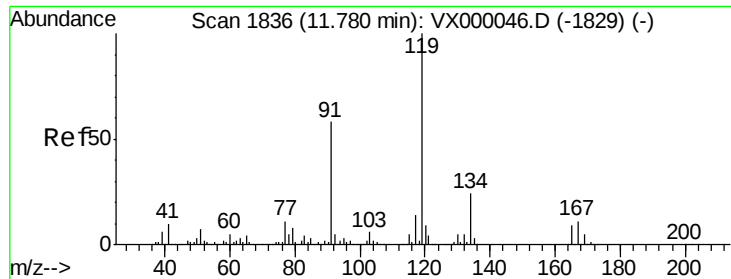
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#82
4-Chlorotoluene
Concen: 0.54 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX000060.D
Acq: 12 Feb 2018 12:34

Tgt Ion: 91 Resp: 3078
Ion Ratio Lower Upper
91 100
126 32.4 16.3 48.8





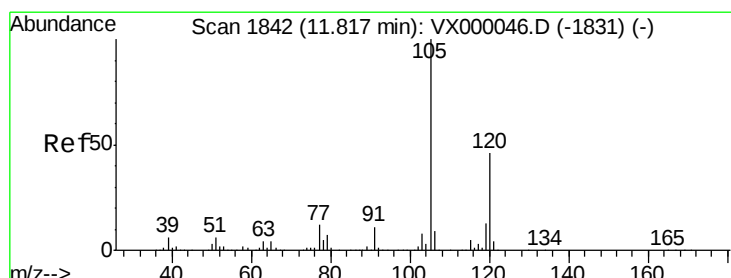
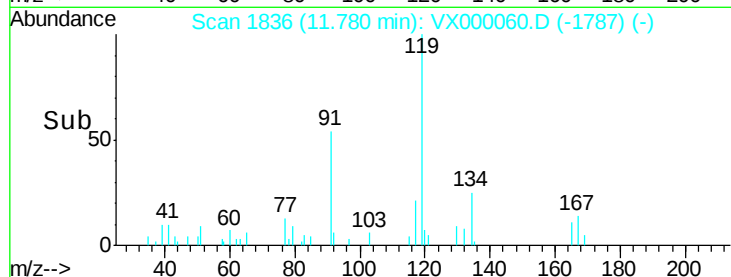
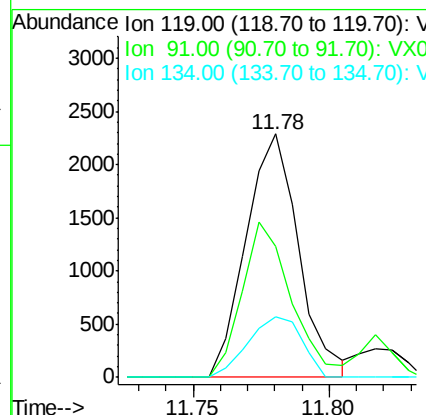
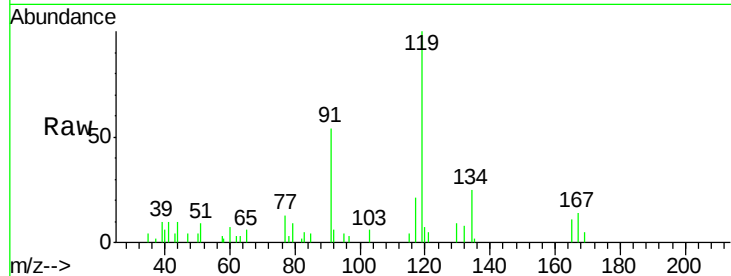
#83
tert-Butylbenzene
Concen: 0.51 ug/l
RT: 11.78 min Scan# 1836
Delta R.T. -0.00 min
Lab File: VX000060.D
Acq: 12 Feb 2018 12:34

Instrument :
Client Sampled :
MDL 04

Tot Ion	Ratio	Lower	Upper
119	100		
91	59.9	27.9	83.7
134	25.4	11.7	35.1

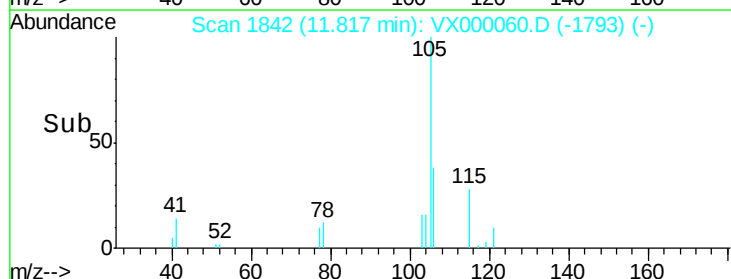
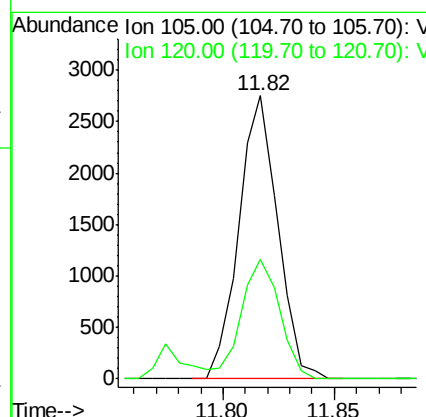
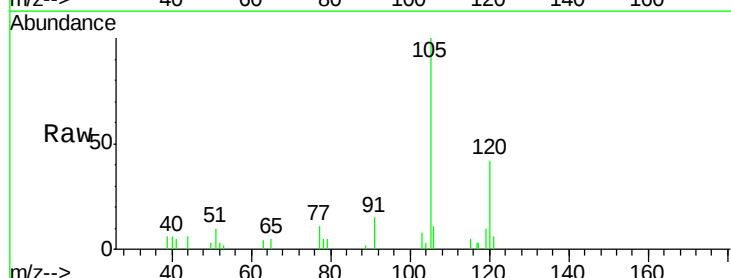
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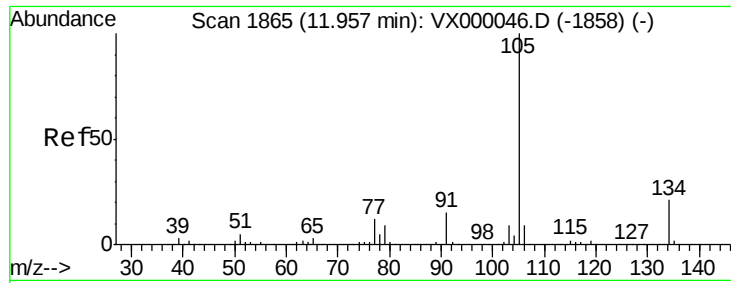
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#84
1,2,4-Trimethylbenzene
Concen: 0.55 ug/l
RT: 11.82 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX000060.D
Acq: 12 Feb 2018 12:34

Tgt Ion	Ratio	Lower	Upper
105	100		
120	42.0	23.4	70.2





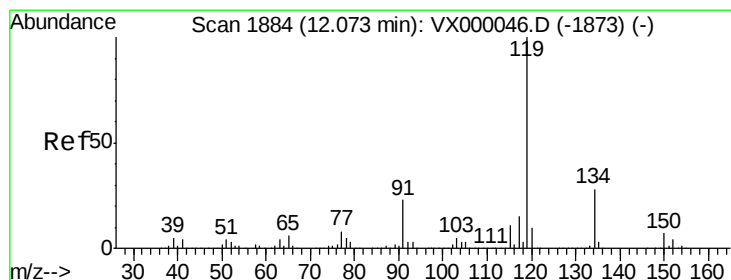
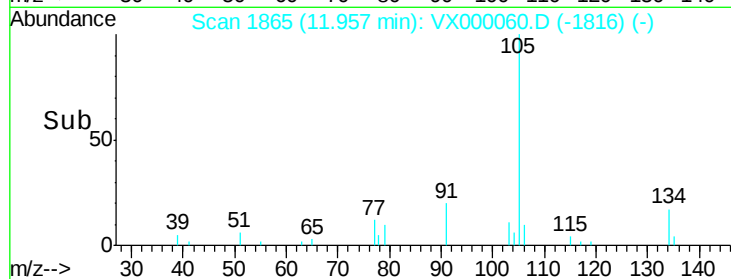
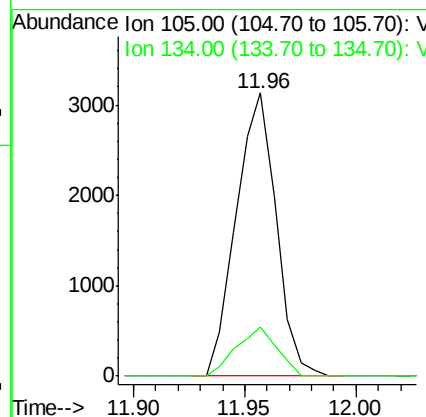
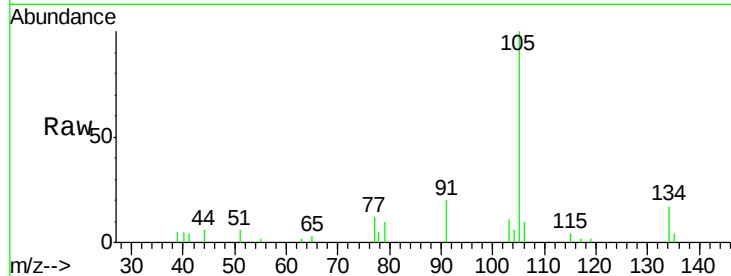
#85
 sec-Butylbenzene
 Concen: 0.53 ug/l
 RT: 11.96 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VX000060.D
 Acq: 12 Feb 2018 12:34

Instrument :
 ClientSampled :
 MDL 04

Tot Ion:105 Resp: 3913
 Ion Ratio Lower Upper
 105 100
 134 17.8 10.6 31.8

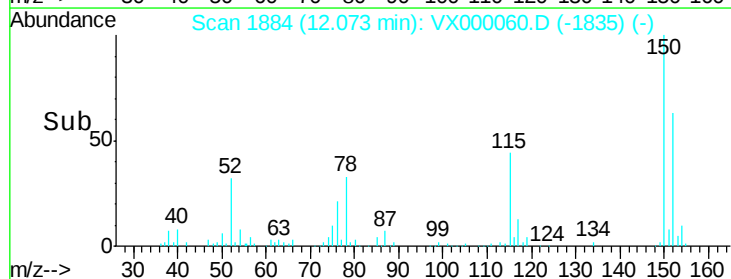
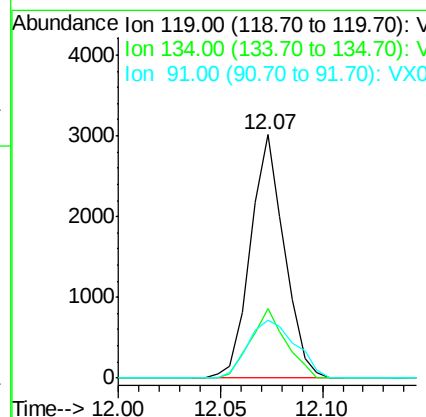
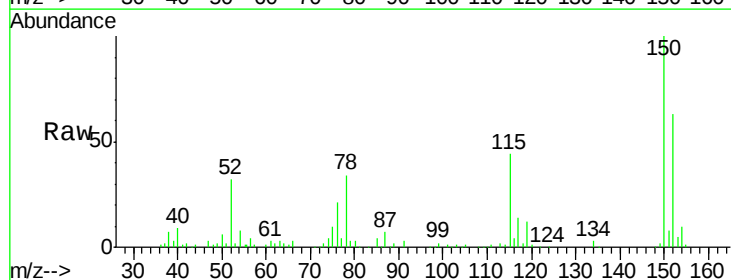
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#86
 p-Isopropyltoluene
 Concen: 0.52 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VX000060.D
 Acq: 12 Feb 2018 12:34

Tgt Ion:119 Resp: 3477
 Ion Ratio Lower Upper
 119 100
 134 30.0 14.0 41.9
 91 33.3 11.6 34.7





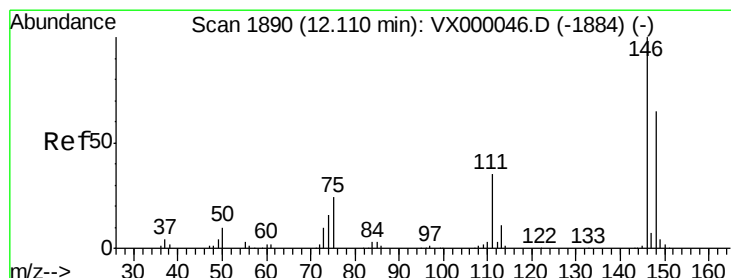
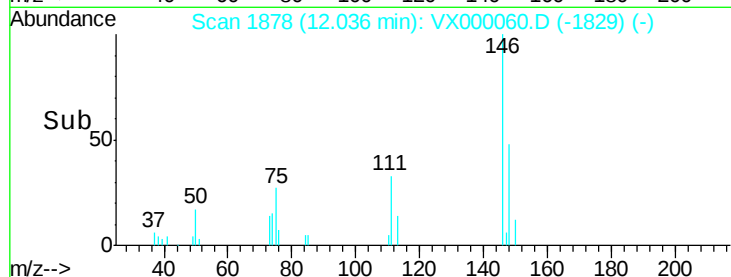
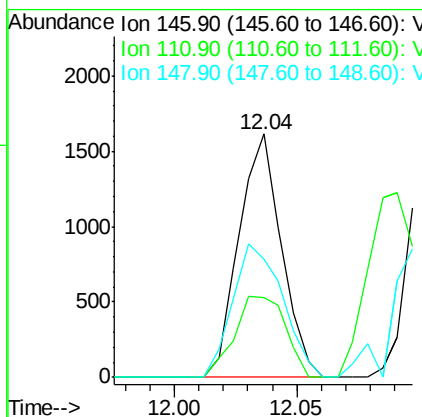
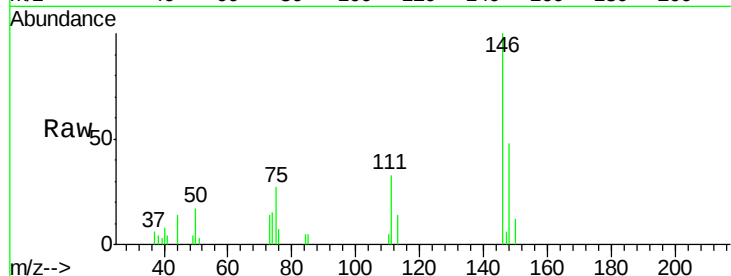
#87
 1,3-Dichlorobenzene
 Concen: 0.54 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VX000060.D
 Acq: 12 Feb 2018 12:34

Instrument :
 Client Sampled :
 MDL 04

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	18.9	56.9
148	64.5	31.8	95.4

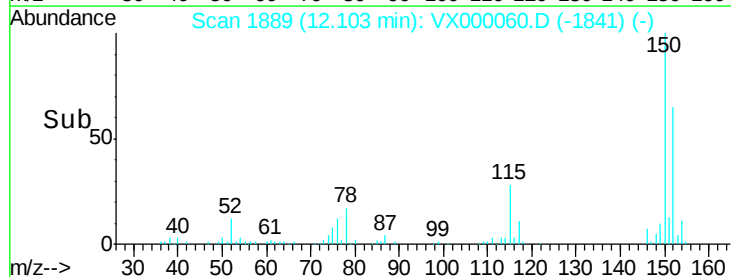
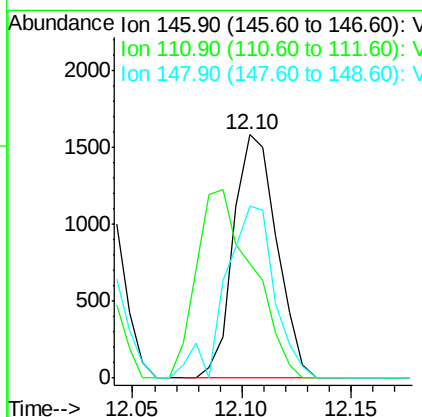
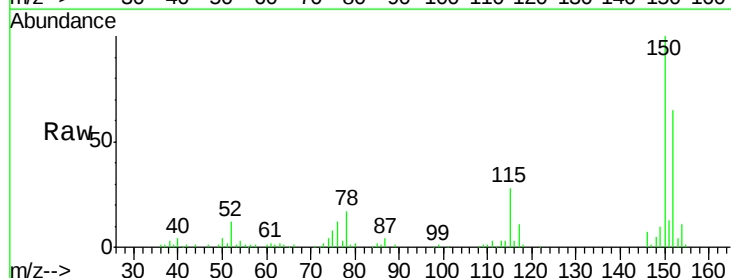
Manual Integrations
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#88
 1,4-Dichlorobenzene
 Concen: 0.59 ug/l m
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VX000060.D
 Acq: 12 Feb 2018 12:34

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.4	18.7	56.1
148	57.5	32.1	96.5





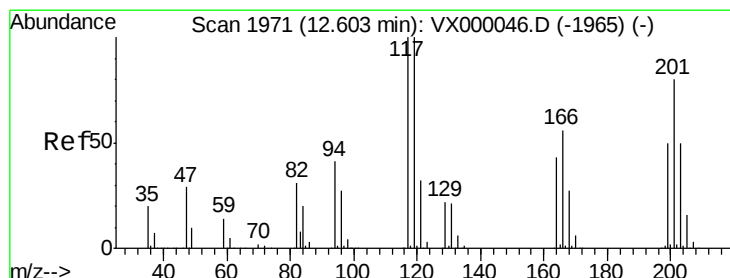
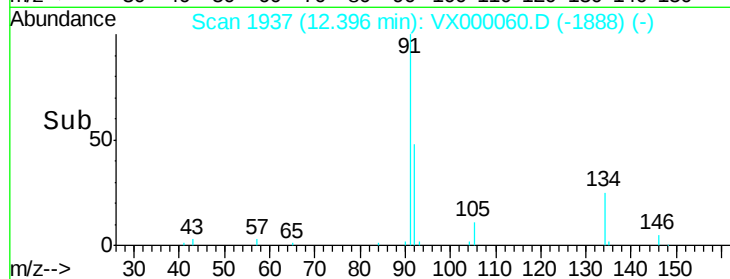
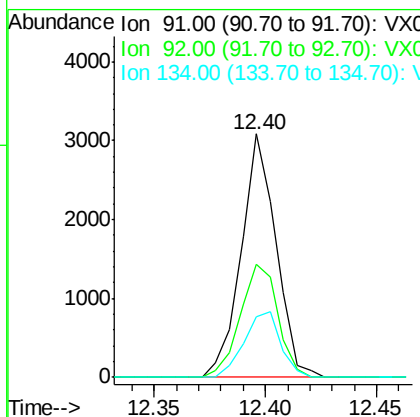
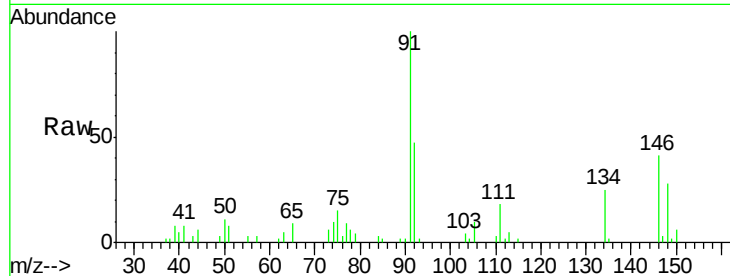
#89
n-Butylbenzene
Concen: 0.54 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000060.D
Acq: 12 Feb 2018 12:34

Instrument :
ClientSampled :
MDL 04

Tot Ion	Ratio	Lower	Upper
91	100		
92	50.0	26.1	78.2
134	28.1	14.1	42.2

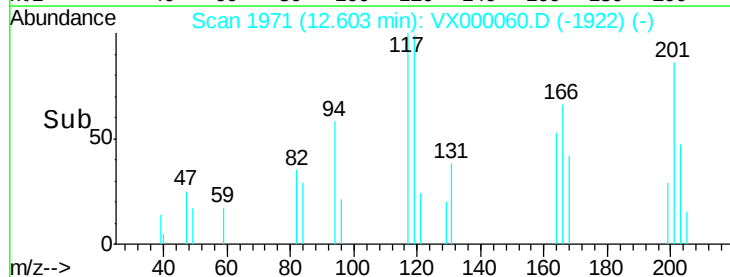
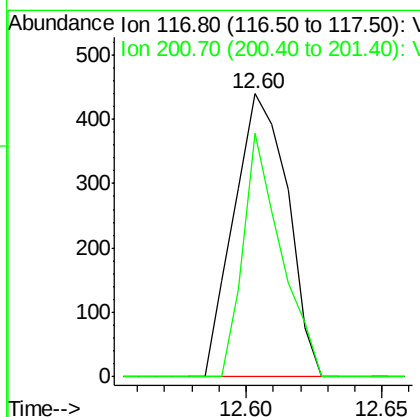
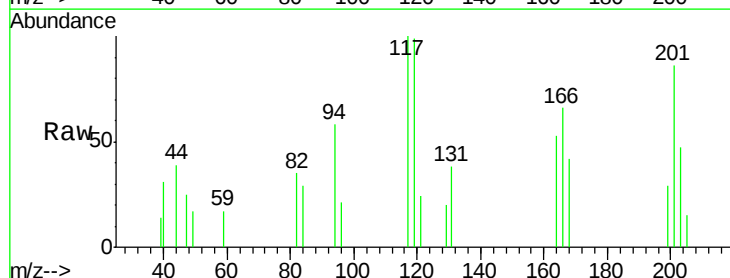
Manual Integrations
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#90
Hexachloroethane
Concen: 0.52 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX000060.D
Acq: 12 Feb 2018 12:34

Tgt Ion	Ratio	Lower	Upper
117	100		
201	61.0	43.5	130.7





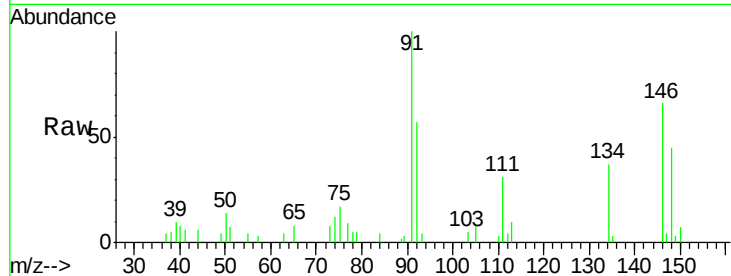
#91
1,2-Dichlorobenzene
Concen: 0.51 ug/l
RT: 12.40 min Scan# 1938
Delta R.T. -0.00 min
Lab File: VX000060.D
Acq: 12 Feb 2018 12:34

Instrument :
ClientSampled :
MDL 04

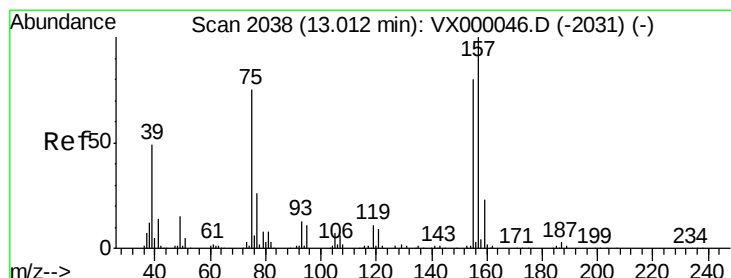
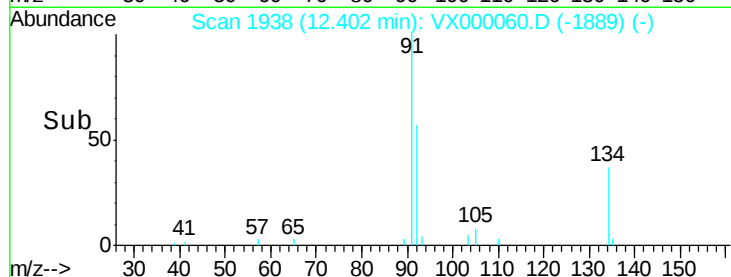
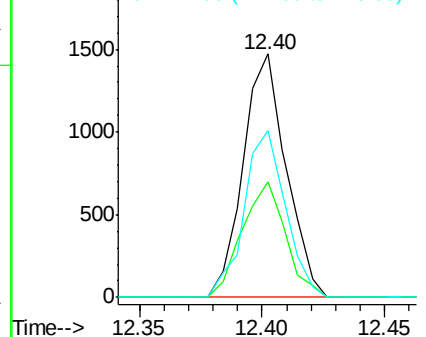
Tot Ion	Ratio	Lower	Upper
146	100		
111	47.9	19.4	58.2
148	66.0	32.0	96.2

Manual Integrations
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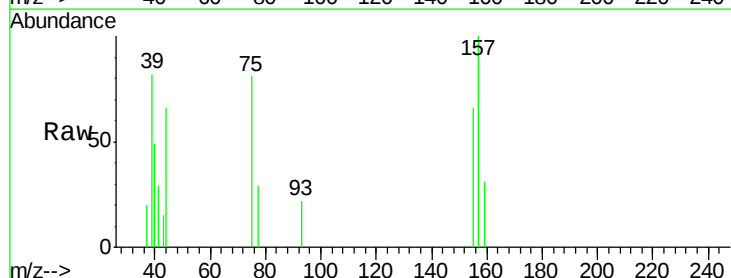


Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

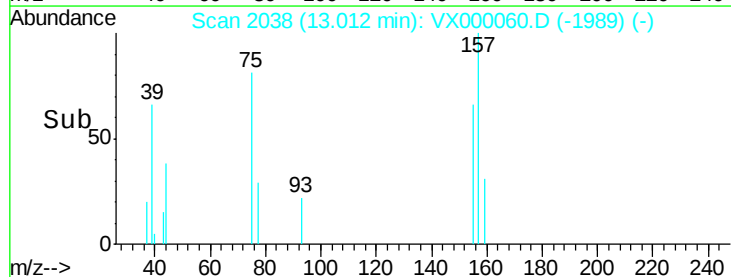
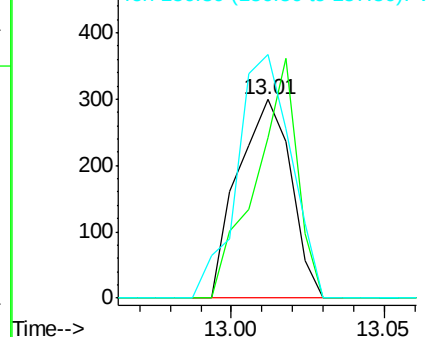


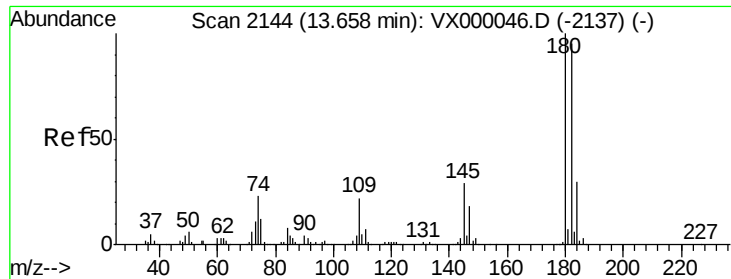
#92
1,2-Dibromo-3-Chloropropane
Concen: 0.52 ug/l
RT: 13.01 min Scan# 2038
Delta R.T. -0.00 min
Lab File: VX000060.D
Acq: 12 Feb 2018 12:34

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.0	52.0	156.0
157	125.0	65.3	195.9



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V





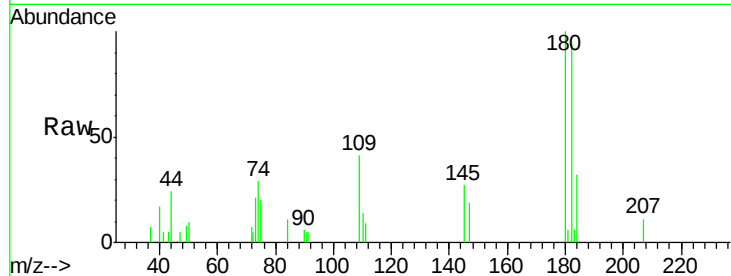
#93
 1,2,4-Trichlorobenzene
 Concen: 0.57 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.01 min
 Lab File: VX000060.D
 Acq: 12 Feb 2018 12:34

Instrument :
 ClientSampled :
 MDL 04

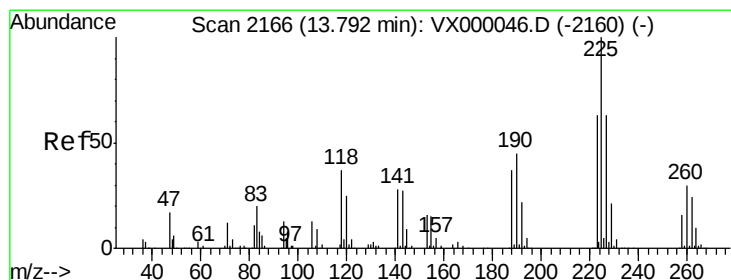
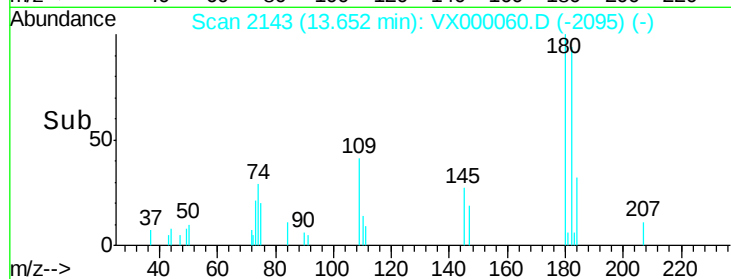
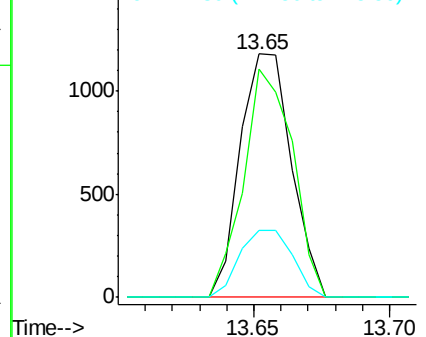
Tot Ion	Ratio	Lower	Upper
180	100		
182	89.7	48.0	144.0
145	28.5	14.7	44.1

Manual Integrations
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MMDadoda
 2/15/2018 6:05:08 PM

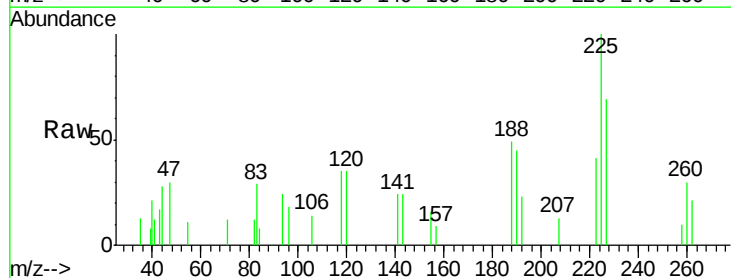


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

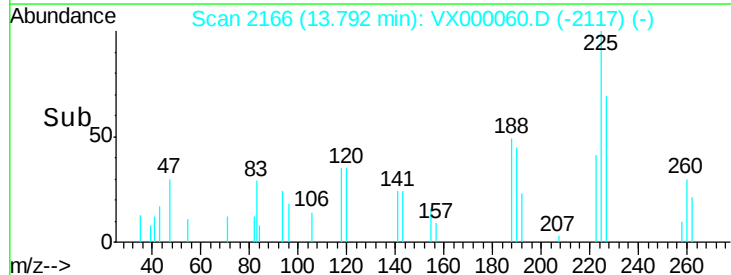
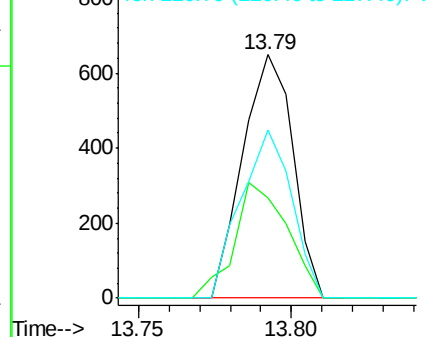


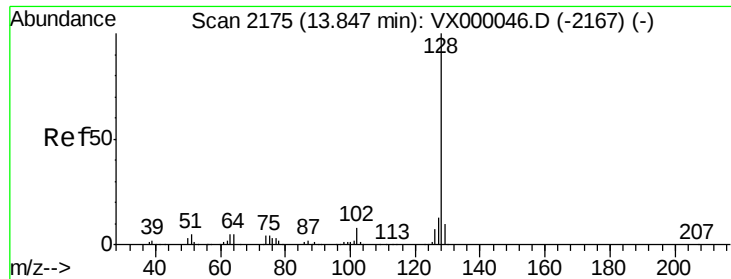
#94
 Hexachlorobutadiene
 Concen: 0.58 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000060.D
 Acq: 12 Feb 2018 12:34

Tgt Ion	Ratio	Lower	Upper
225	100		
223	49.7	31.9	95.5
227	70.0	31.6	95.0



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





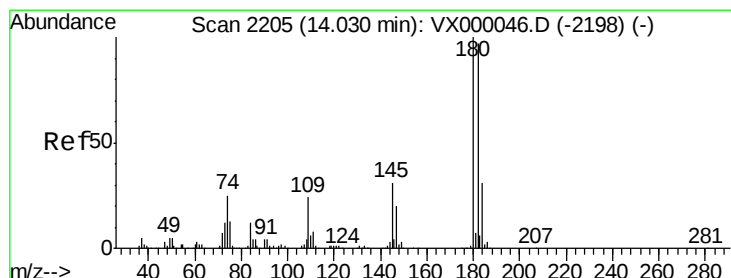
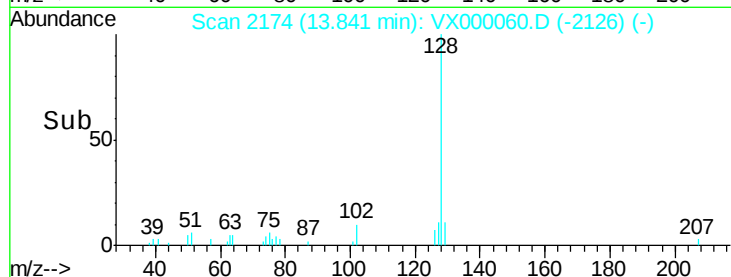
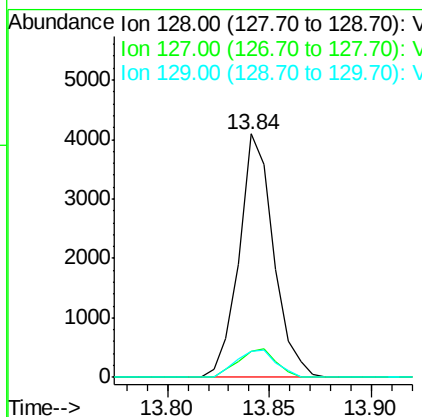
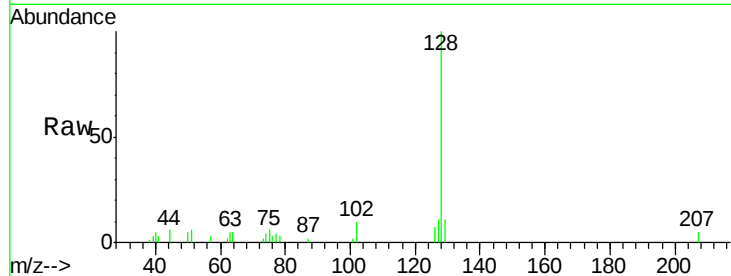
#95
Naphthalene
Concen: 0.54 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.01 min
Lab File: VX000060.D
Acq: 12 Feb 2018 12:34

Instrument :
ClientSampled :
MDL 04

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.3	15.5
129	13.0	8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 0.58 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. -0.00 min
Lab File: VX000060.D
Acq: 12 Feb 2018 12:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	88.3	47.9	143.7
145	23.9	15.7	47.0

