

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX021318\
 Data File : VX000076.D
 Acq On : 13 Feb 2018 15:23
 Operator : JC/MD
 Sample : MDL04 0.75
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ClientSampled :
 MDL04 0.75

Manual Integrations
 APPROVED

MMDadoda
 2/16/2018 2:28:00 PM

Quant Time: Feb 14 03:18:28 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	110236	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	181817	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	171986	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	93014	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	61152	53.09	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	106.18%	
35) Dibromofluoromethane	5.51	113	51132	48.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.34%	
50) Toluene-d8	8.73	98	191025	48.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.70%	
62) 4-Bromofluorobenzene	11.15	95	77347	48.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.28%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	878	0.88	ug/l	86
3) Chloromethane	1.32	50	1013	1.00	ug/l #	74
4) Vinyl Chloride	1.41	62	1060	0.92	ug/l	96
5) Bromomethane	1.65	94	938	1.53	ug/l	99
6) Chloroethane	1.73	64	1232	1.79	ug/l #	83
7) Trichlorofluoromethane	1.93	101	1841	0.92	ug/l	86
8) Diethyl Ether	2.20	74	579	0.80	ug/l #	50
9) 1,1,2-Trichlorotrifluoroet	2.39	101	1079	0.96	ug/l	91
10) Methyl Iodide	2.52	142	1042	2.43	ug/l #	88
11) Tert butyl alcohol	3.07	59	2241	4.86	ug/l #	91
12) 1,1-Dichloroethene	2.39	96	853	0.80	ug/l	86
13) Acrolein	2.29	56	1278	5.40	ug/l #	64
14) Allyl chloride	2.73	41	2164	1.16	ug/l #	80
15) Acrylonitrile	3.15	53	3967	4.94	ug/l	97
16) Acetone	2.45	43	4377	6.42	ug/l	97
17) Carbon Disulfide	2.58	76	2860	0.92	ug/l	97
18) Methyl Acetate	2.78	43	2188	1.27	ug/l	93
19) Methyl tert-butyl Ether	3.21	73	3355	0.92	ug/l	92
20) Methylene Chloride	2.86	84	1090	0.95	ug/l #	83
21) trans-1,2-Dichloroethene	3.18	96	1128	0.98	ug/l	93
22) Diisopropyl ether	3.88	45	3407	1.11	ug/l #	87
23) Vinyl Acetate	3.83	43	13497	4.85	ug/l	96
24) 1,1-Dichloroethane	3.70	63	1863	0.97	ug/l #	93
25) 2-Butanone	4.71	43	5519	5.36	ug/l	92
26) 2,2-Dichloropropane	4.59	77	1432	0.87	ug/l #	74
27) cis-1,2-Dichloroethene	4.61	96	1034	0.92	ug/l	96
28) Bromochloromethane	5.02	49	649	1.02	ug/l #	78
29) Tetrahydrofuran	5.18	42	3689	5.23	ug/l	94
30) Chloroform	5.23	83	1779	0.92	ug/l	92
31) Cyclohexane	5.59	56	1536	0.98	ug/l #	76
32) 1,1,1-Trichloroethane	5.49	97	1463	0.81	ug/l #	47
36) 1,1-Dichloropropene	5.80	75	1510	0.95	ug/l	91
37) Ethyl Acetate	4.87	43	2149	1.05	ug/l #	94
38) Carbon Tetrachloride	5.79	117	1430	0.80	ug/l	96

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MMDadoda
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Quant Time: Feb 14 03:18:28 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)
39) Methylcyclohexane	7.47	83	1664	0.87	ug/l #	81
40) Benzene	6.15	78	3577	0.80	ug/l #	85
41) Methacrylonitrile	5.07	41	1123	1.07	ug/l #	65
42) 1,2-Dichloroethane	6.20	62	1407	0.88	ug/l #	82
43) Isopropyl Acetate	6.48	43	2757	0.89	ug/l #	93
44) Trichloroethene	7.22	130	1083	0.78	ug/l #	95
45) 1,2-Dichloropropane	7.53	63	876	0.81	ug/l #	91
46) Dibromomethane	7.67	93	778	0.93	ug/l #	82
47) Bromodichloromethane	7.90	83	1303	0.80	ug/l #	82
48) Methyl methacrylate	7.79	41	1438	0.95	ug/l #	86
49) 1,4-Dioxane	7.78	88	637	15.81	ug/l #	93
51) 4-Methyl-2-Pentanone	8.66	43	8988	4.18	ug/l #	99
52) Toluene	8.79	92	2514	0.84	ug/l #	100
53) t-1,3-Dichloropropene	8.45	75	1477	0.77	ug/l #	77
54) cis-1,3-Dichloropropene	9.05	75	1524	0.82	ug/l #	91
55) 1,1,2-Trichloroethane	9.23	97	973	0.77	ug/l #	78
56) Ethyl methacrylate	9.19	69	1422	0.74	ug/l #	79
57) 1,3-Dichloropropane	9.38	76	1497	0.76	ug/l #	98
58) 2-Chloroethyl Vinyl ether	8.32	63	3902	4.09	ug/l #	98
59) 2-Hexanone	9.51	43	7597	4.35	ug/l #	98
60) Dibromochloromethane	9.59	129	1054	0.73	ug/l #	95
61) 1,2-Dibromoethane	9.68	107	996	0.72	ug/l #	87
64) Tetrachloroethene	9.34	164	951	0.74	ug/l #	96
65) Chlorobenzene	10.15	112	2922	0.82	ug/l #	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	1001	0.78	ug/l #	64
67) Ethyl Benzene	10.26	91	5082	0.86	ug/l #	96
68) m/p-Xylenes	10.37	106	3624	1.54	ug/l #	93
69) o-Xylene	10.71	106	1738	0.76	ug/l #	93
70) Styrene	10.72	104	2897	0.75	ug/l #	97
71) Bromoform	10.87	173	777	0.64	ug/l #	95
73) Isopropylbenzene	11.02	105	4895	0.83	ug/l #	99
74) N-amyl acetate	6.48	43	2757	0.93	ug/l #	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	1711	0.85	ug/l #	99
76) 1,2,3-Trichloropropane	11.30	75	1645m	0.94	ug/l #	
77) Bromobenzene	11.26	156	1385	0.86	ug/l #	95
78) n-propylbenzene	11.37	91	5741	0.84	ug/l #	98
79) 2-Chlorotoluene	11.43	91	3570	0.90	ug/l #	99
80) 1,3,5-Trimethylbenzene	11.52	105	3916	0.79	ug/l #	97
81) trans-1,4-Dichloro-2-buten	11.08	75	573m	0.81	ug/l #	
82) 4-Chlorotoluene	11.52	91	4144	0.88	ug/l #	97
83) tert-Butylbenzene	11.78	119	4380	0.88	ug/l #	96
84) 1,2,4-Trimethylbenzene	11.82	105	4455	0.88	ug/l #	91
85) sec-Butylbenzene	11.96	105	5152	0.84	ug/l #	98
86) p-Isopropyltoluene	12.07	119	4526	0.82	ug/l #	92
87) 1,3-Dichlorobenzene	12.04	146	2621	0.87	ug/l #	97
88) 1,4-Dichlorobenzene	12.11	146	2719m	0.88	ug/l #	
89) n-Butylbenzene	12.40	91	4473	0.87	ug/l #	96
90) Hexachloroethane	12.61	117	748	0.77	ug/l #	77
91) 1,2-Dichlorobenzene	12.40	146	2514	0.85	ug/l #	92
92) 1,2-Dibromo-3-Chloropropan	13.01	75	476	0.83	ug/l #	87

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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)
93) 1,2,4-Trichlorobenzene	13.65	180	1922	0.85	ug/l	99
94) Hexachlorobutadiene	13.79	225	889	0.83	ug/l	91
95) Naphthalene	13.84	128	6178	0.84	ug/l	96
96) 1,2,3-Trichlorobenzene	14.03	180	1769	0.81	ug/l	93

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

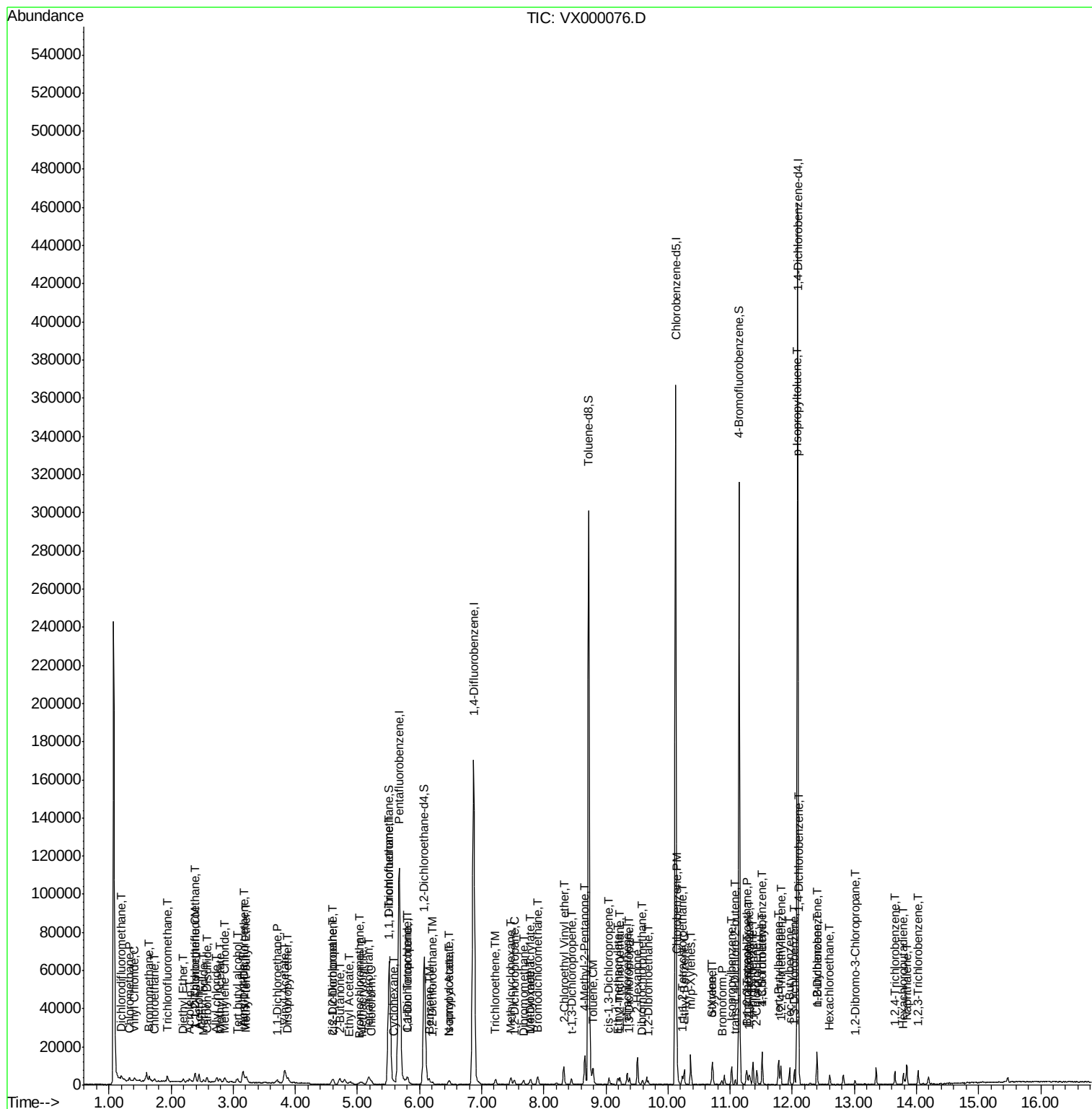
Data Path : W:\HPCHEM1\MSVOA X\DATA\VX021318\
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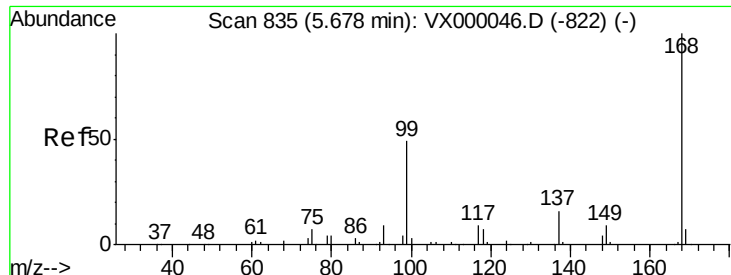
Instrument :
ClientSampleId :
MDL04 0.75

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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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000076.D

Acq: 13 Feb 2018 15:23

Instrument :

ClientSampled :

MDL04 0.75

Tot Ion:168 Resp: 110236

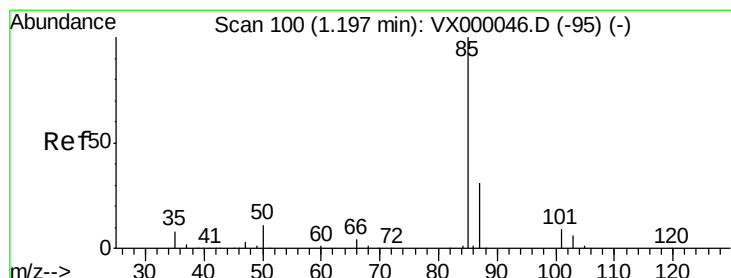
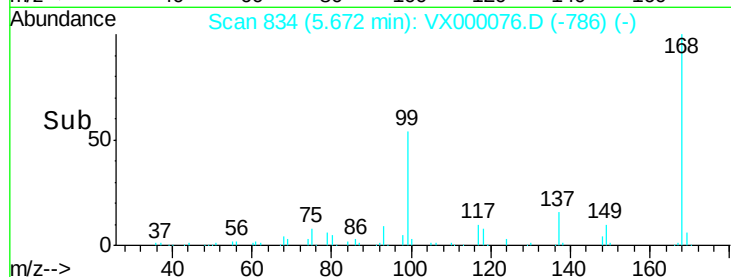
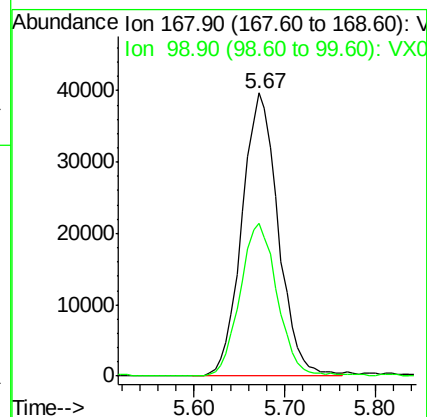
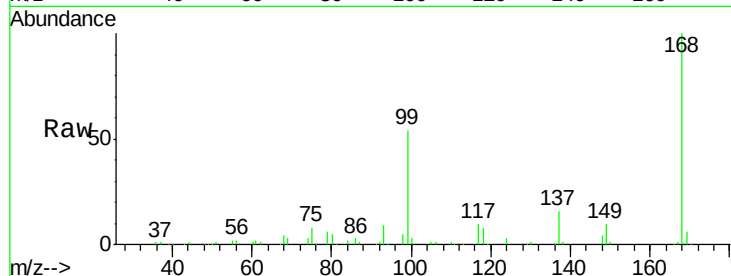
Ion Ratio Lower Upper

168 100

99 54.0 39.4 59.2

Manual Integrations
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#2

Dichlorodifluoromethane

Concen: 0.88 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX000076.D

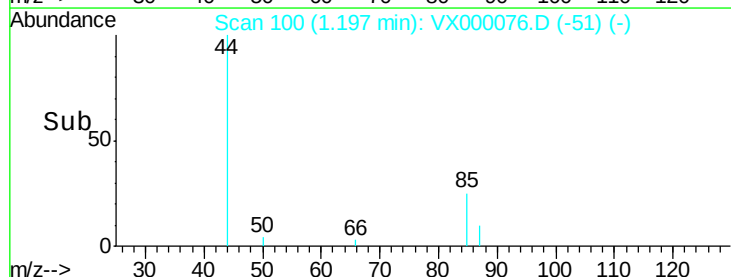
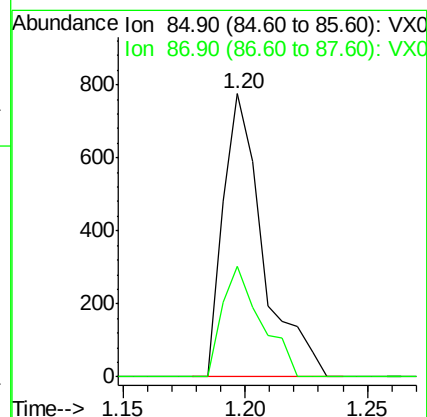
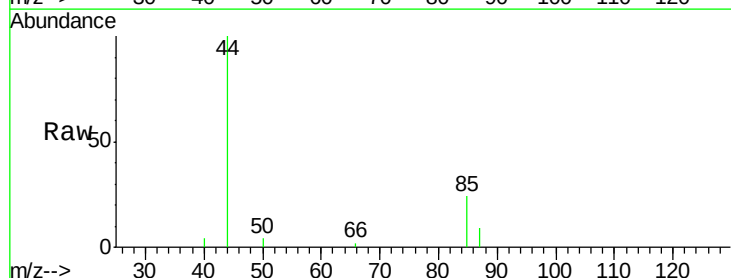
Acq: 13 Feb 2018 15:23

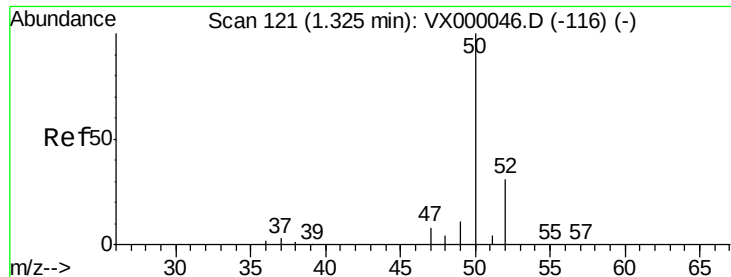
Tgt Ion: 85 Resp: 878

Ion Ratio Lower Upper

85 100

87 39.1 15.7 47.0





#3

Chloromethane

Concen: 1.00 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000076.D

Acq: 13 Feb 2018 15:23

Instrument :

ClientSampled :

MDL04 0.75

Tot Ion: 50 Resp: 1013

Ion Ratio Lower Upper

50 100

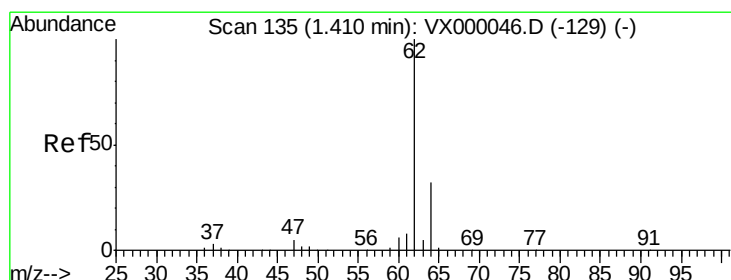
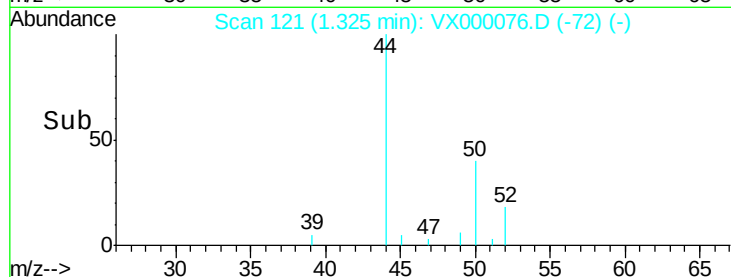
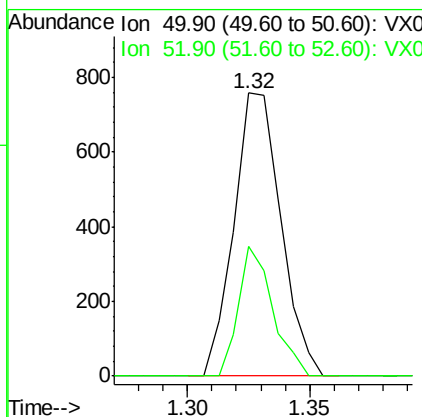
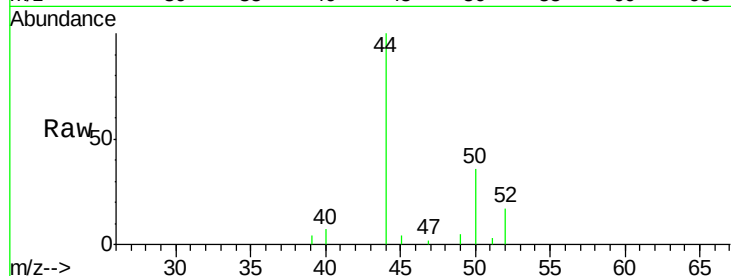
52 45.8 25.0 37.6#

Manual Integrations

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#4

Vinyl Chloride

Concen: 0.92 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX000076.D

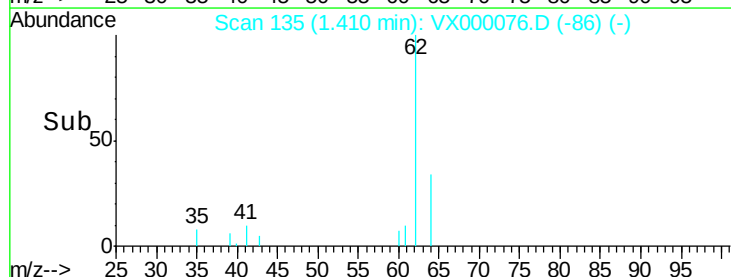
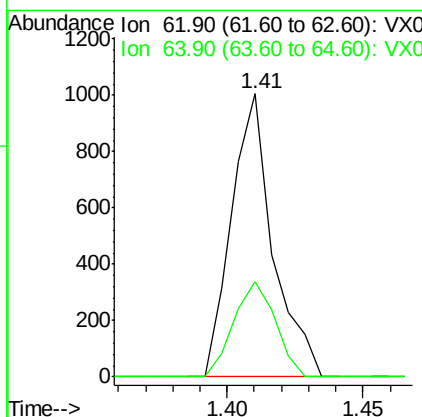
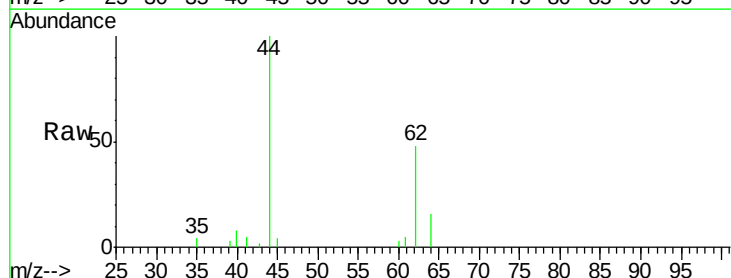
Acq: 13 Feb 2018 15:23

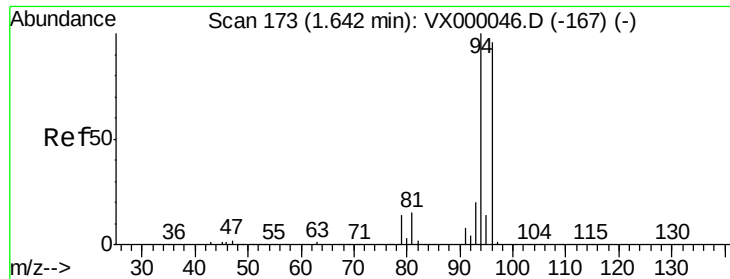
Tgt Ion: 62 Resp: 1060

Ion Ratio Lower Upper

62 100

64 33.7 25.4 38.0





#5

Bromomethane

Concen: 1.53 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX000076.D

Acq: 13 Feb 2018 15:23

Instrument :

ClientSampled :

MDL04 0.75

Tot Ion: 94 Resp: 938

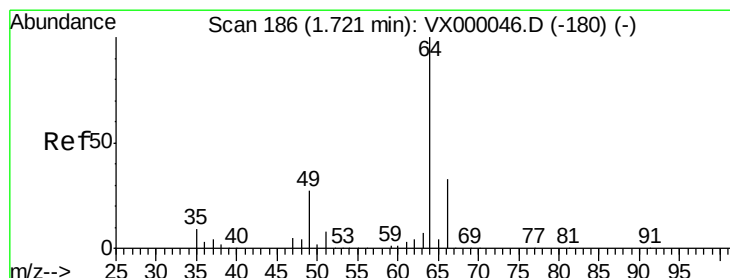
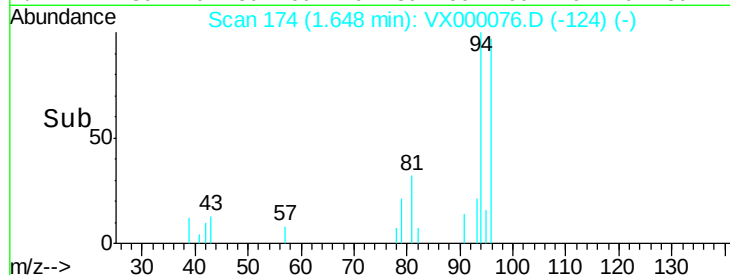
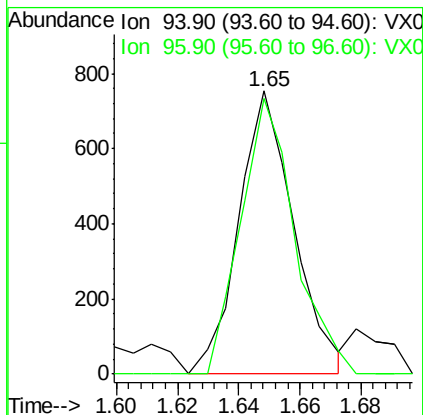
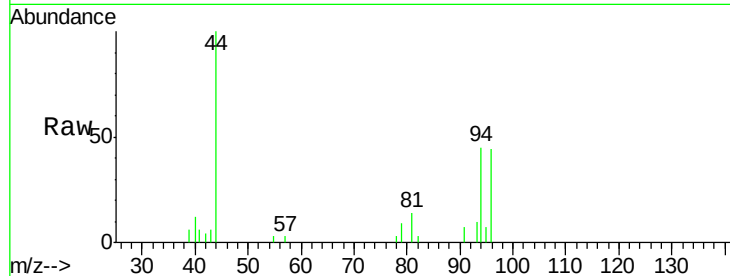
Ion Ratio Lower Upper

94 100

96 97.3 76.7 115.1

Manual Integrations
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#6

Chloroethane

Concen: 1.79 ug/l

RT: 1.73 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX000076.D

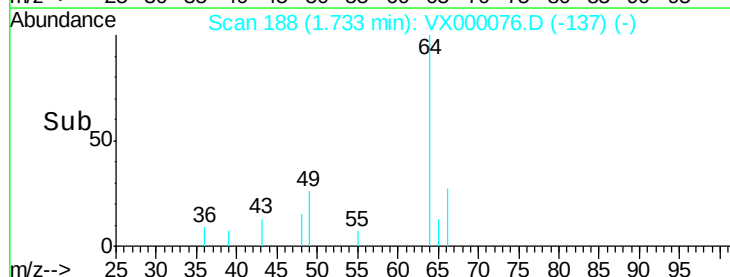
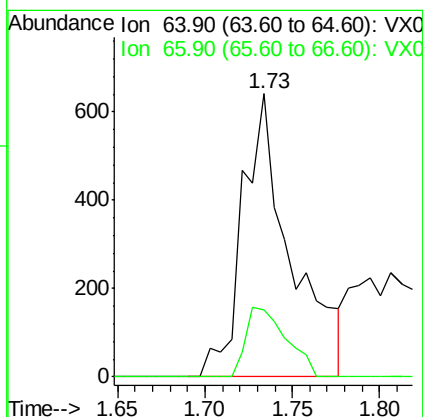
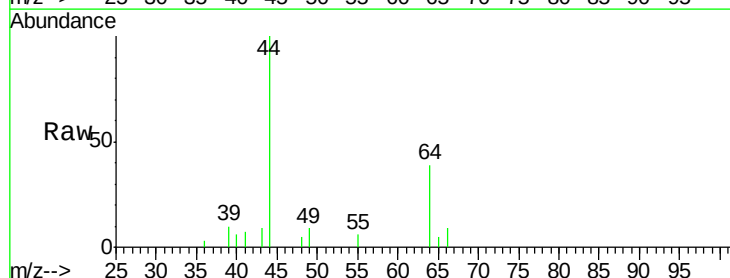
Acq: 13 Feb 2018 15:23

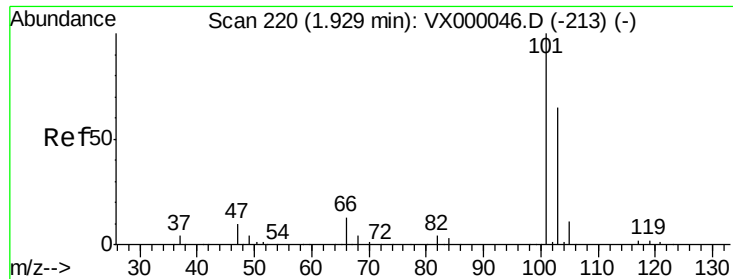
Tgt Ion: 64 Resp: 1232

Ion Ratio Lower Upper

64 100

66 23.6 26.4 39.6#





#7

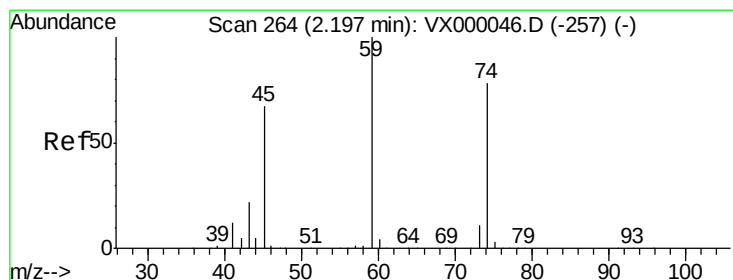
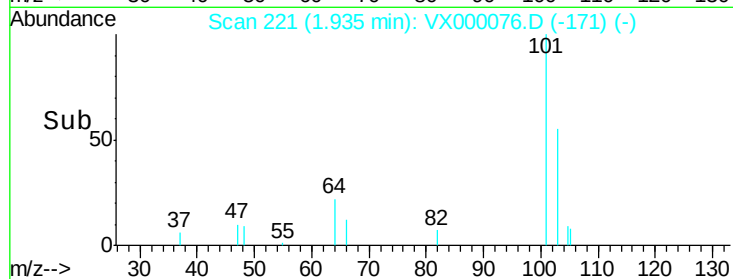
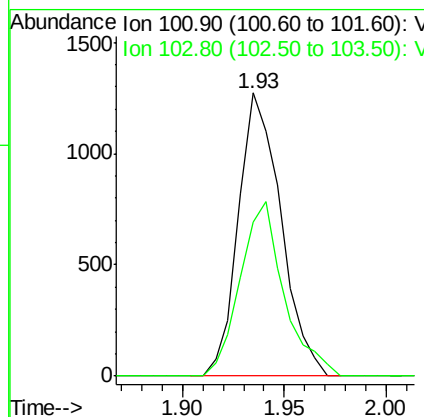
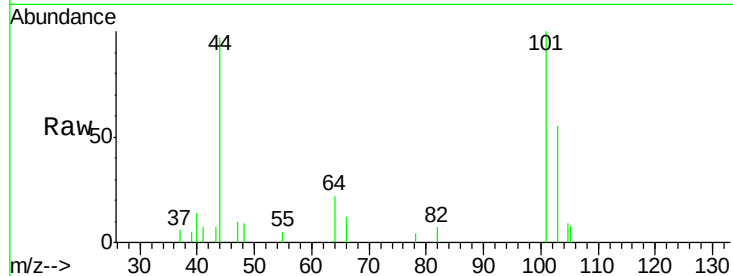
Trichlorofluoromethane
 Concen: 0.92 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. 0.01 min
 Lab File: VX000076.D
 Acq: 13 Feb 2018 15:23

Instrument :
 ClientSampled :
 MDL04 0.75

Tot Ion	Ratio	Lower	Upper
101	100		
103	54.6	52.3	78.5

Manual Integrations
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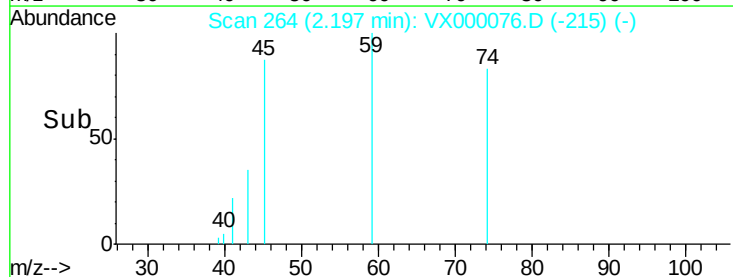
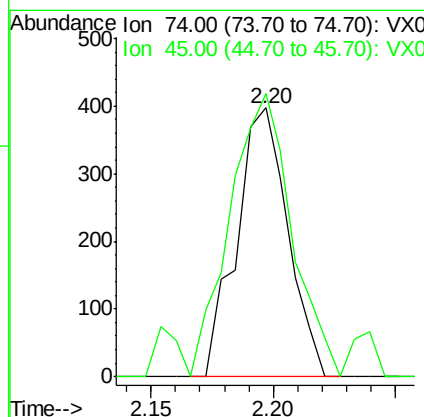
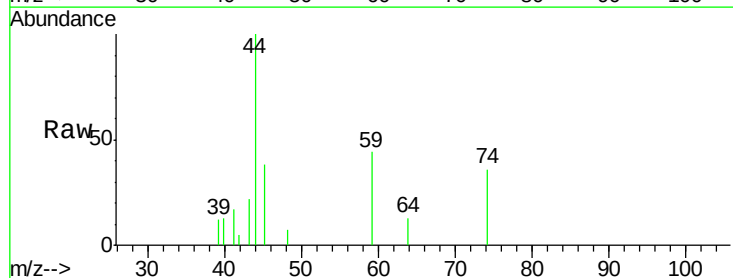
MMDadoda
 2/16/2018 2:28:00 PM

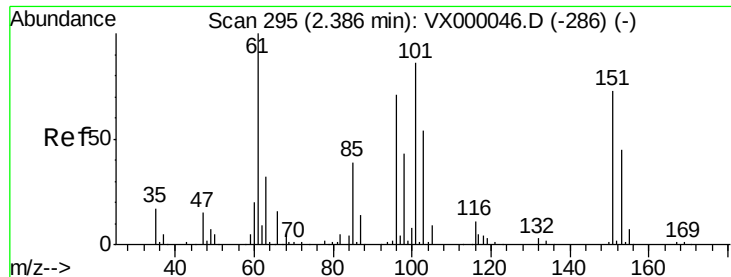


#8

Diethyl Ether
 Concen: 0.80 ug/l
 RT: 2.20 min Scan# 264
 Delta R.T. 0.00 min
 Lab File: VX000076.D
 Acq: 13 Feb 2018 15:23

Tgt Ion	Ratio	Lower	Upper
74	100		
45	135.2	44.3	132.8#





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.96 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.01 min

Lab File: VX000076.D

Acq: 13 Feb 2018 15:23

Instrument :

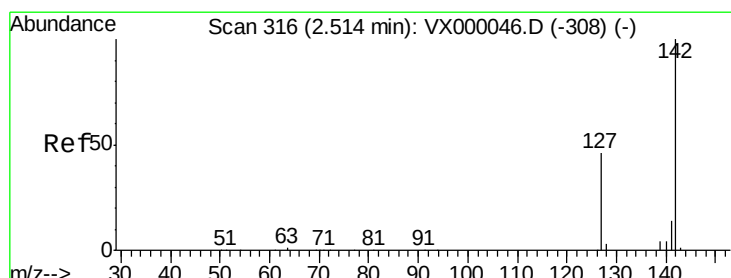
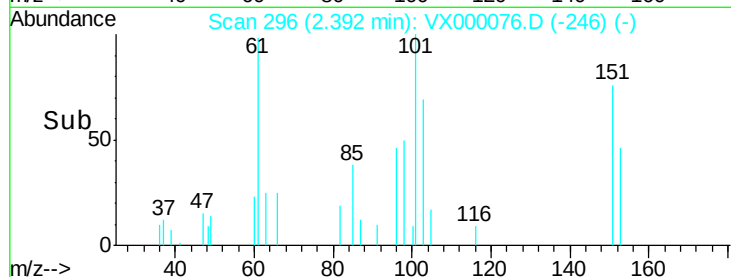
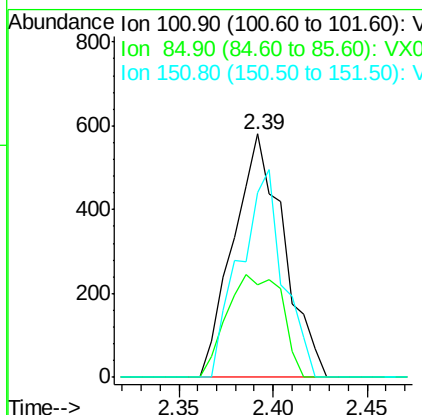
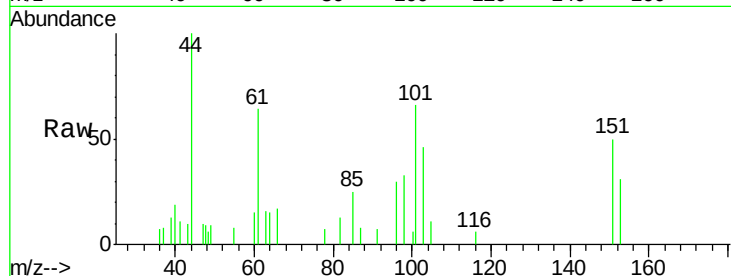
ClientSampled :

MDL04 0.75

Tot Ion:	101	Resp:	1079
Ion Ratio	Lower	Upper	
101	100		
85	46.0	36.6	54.8
151	73.3	68.8	103.2

Manual Integrations
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#10

Methyl Iodide

Concen: 2.43 ug/l

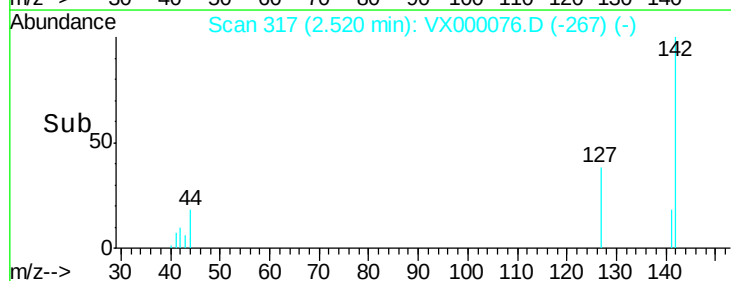
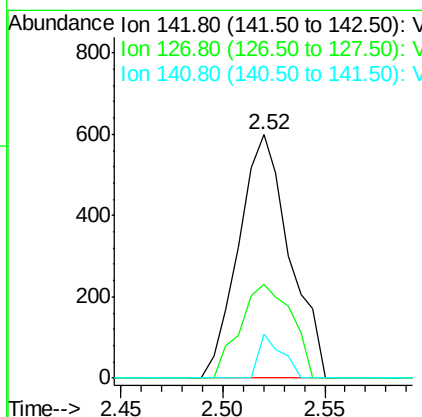
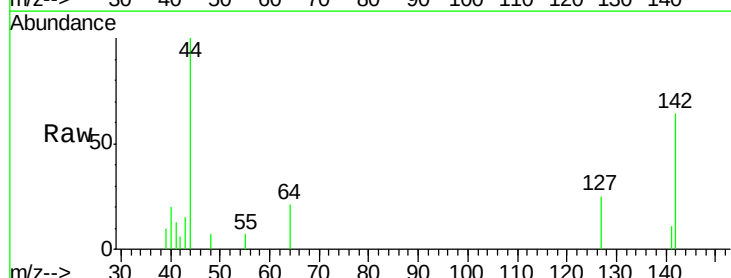
RT: 2.52 min Scan# 317

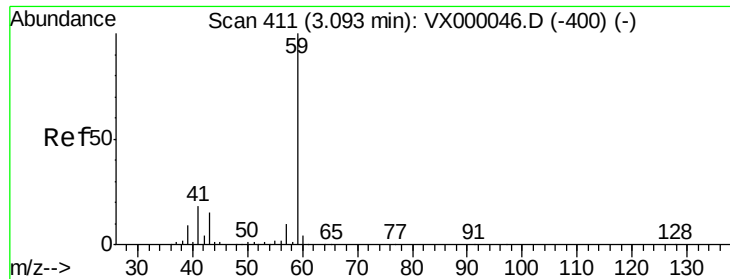
Delta R.T. 0.01 min

Lab File: VX000076.D

Acq: 13 Feb 2018 15:23

Tgt Ion:	142	Resp:	1042
Ion Ratio	Lower	Upper	
142	100		
127	38.9	36.8	55.2
141	8.2	11.4	17.0#





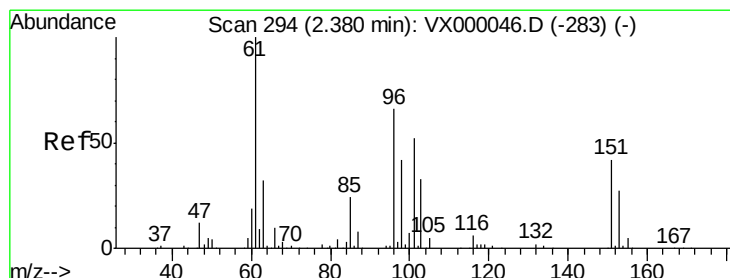
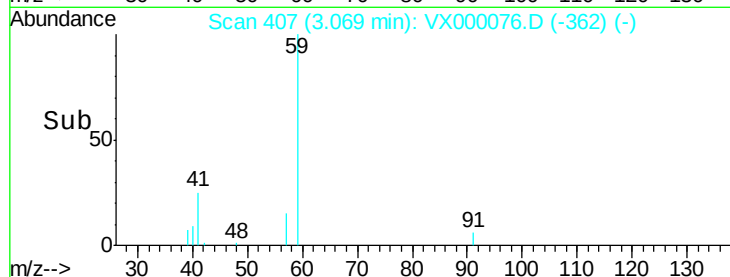
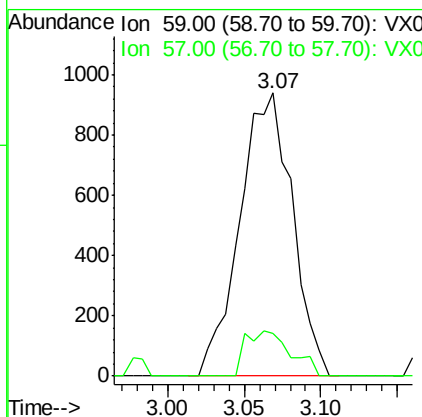
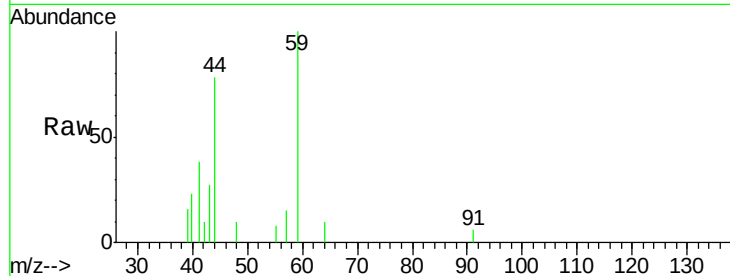
#11
Tert butyl alcohol
Concen: 4.86 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.02 min
Lab File: VX000076.D
Acq: 13 Feb 2018 15:23

Instrument :
ClientSampled :
MDL04 0.75

Tot Ion: 59 Resp: 2241
Ion Ratio Lower Upper
59 100
57 14.0 8.4 12.6#

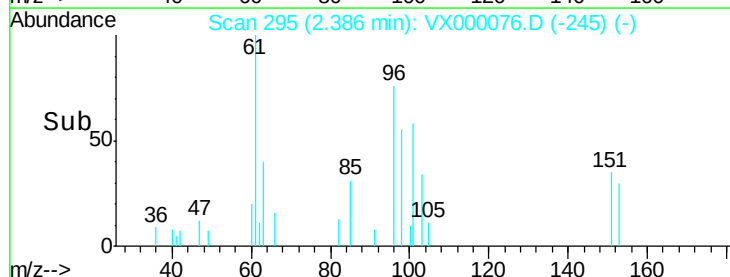
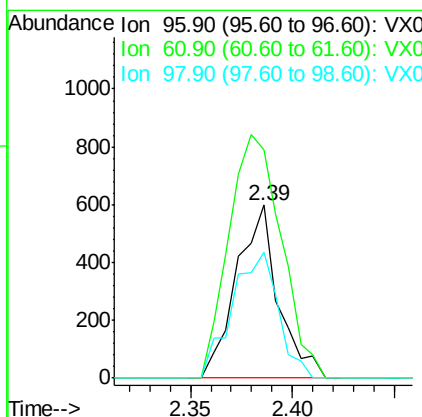
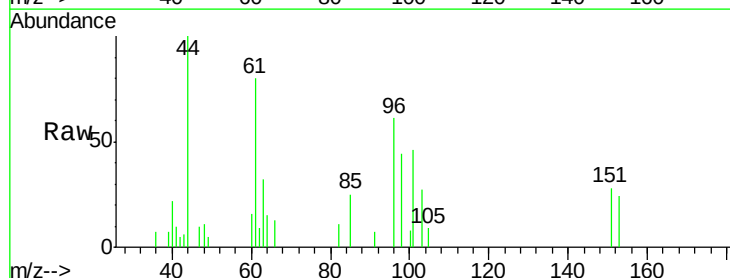
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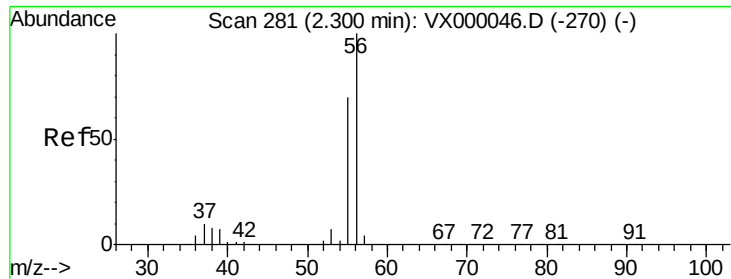
MMDadoda
2/16/2018 2:28:00 PM



#12
1,1-Dichloroethene
Concen: 0.80 ug/l
RT: 2.39 min Scan# 295
Delta R.T. 0.01 min
Lab File: VX000076.D
Acq: 13 Feb 2018 15:23

Tgt Ion: 96 Resp: 853
Ion Ratio Lower Upper
96 100
61 131.9 120.3 180.5
98 72.5 51.0 76.4





#13

Acrolein

Concen: 5.40 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX000076.D

Acq: 13 Feb 2018 15:23

Instrument :

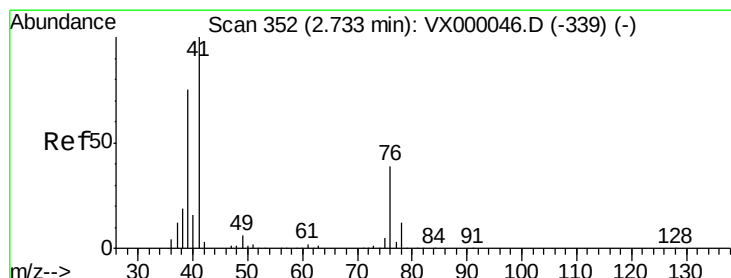
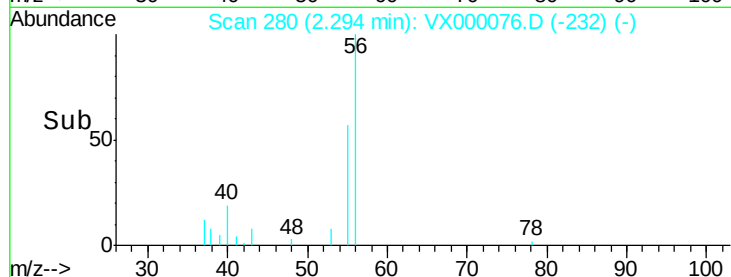
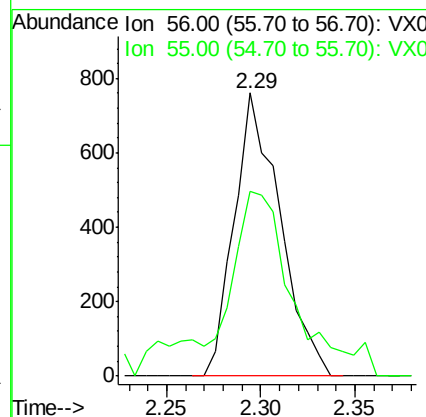
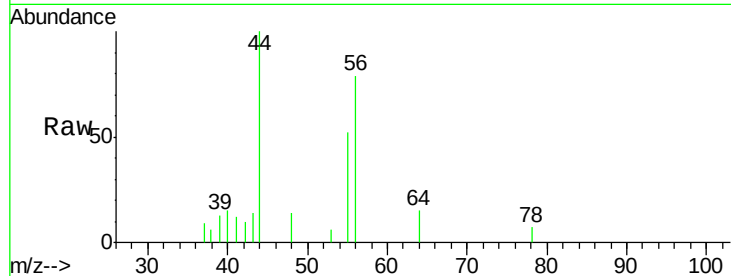
ClientSampled :

MDL04 0.75

Tot Ion	Ion	Ratio	Resp	Lower	Upper
56	100		1278		
55	100.4	56.4	84.6#		

Manual Integrations
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#14

Allyl chloride

Concen: 1.16 ug/l

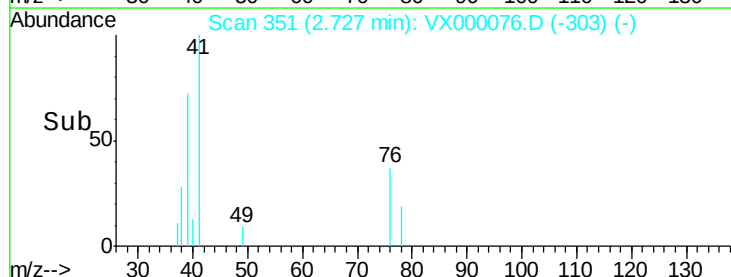
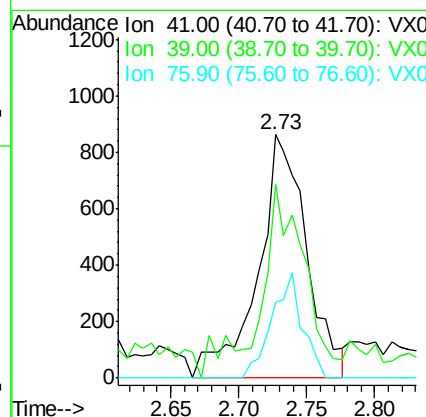
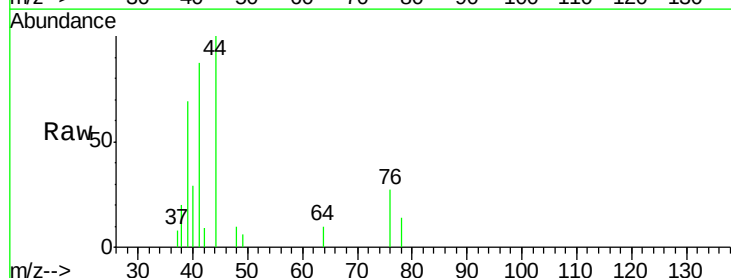
RT: 2.73 min Scan# 351

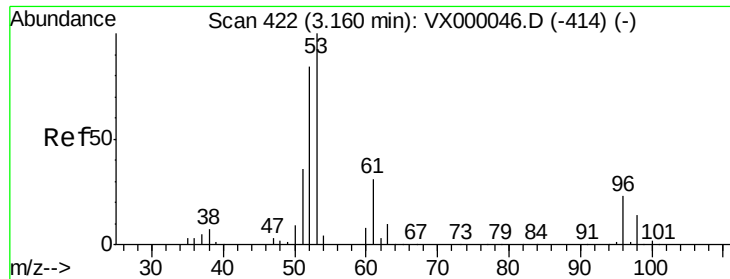
Delta R.T. -0.01 min

Lab File: VX000076.D

Acq: 13 Feb 2018 15:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
41	100		2164		
39	50.7	55.8	83.6#		
76	27.2	28.7	43.1#		





#15

Acrylonitrile

Concen: 4.94 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX000076.D

Acq: 13 Feb 2018 15:23

Instrument :

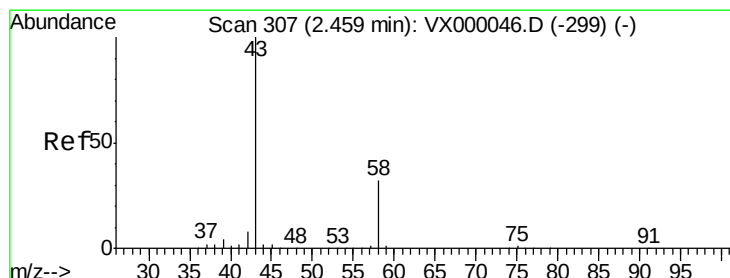
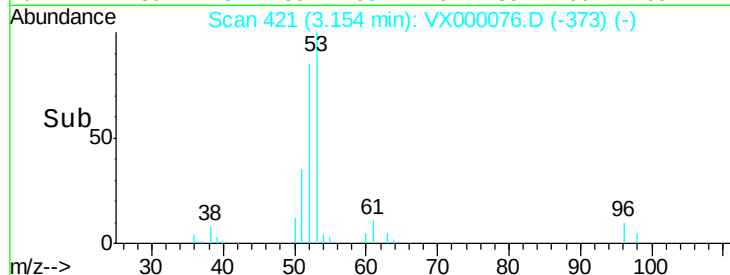
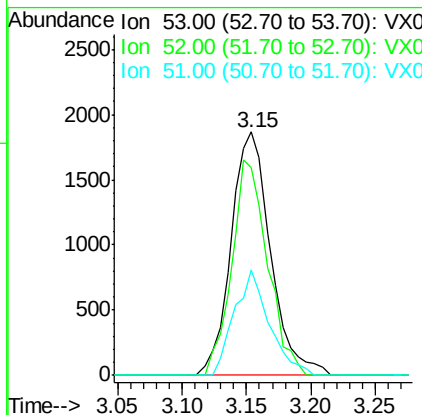
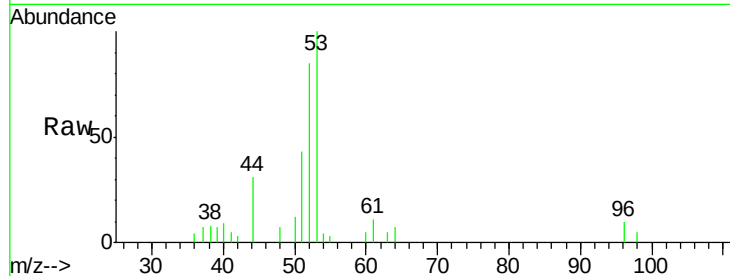
ClientSampled :

MDL04 0.75

Tot Ion:	53	Resp:	3967
Ion	Ratio	Lower	Upper
53	100		
52	80.4	66.5	99.7
51	38.6	29.1	43.7

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#16

Acetone

Concen: 6.42 ug/l

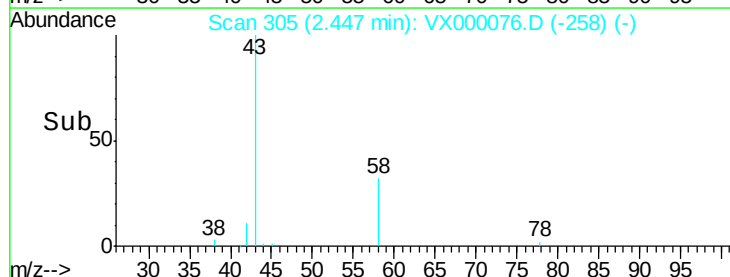
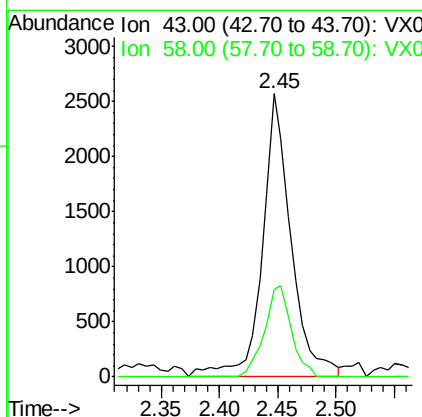
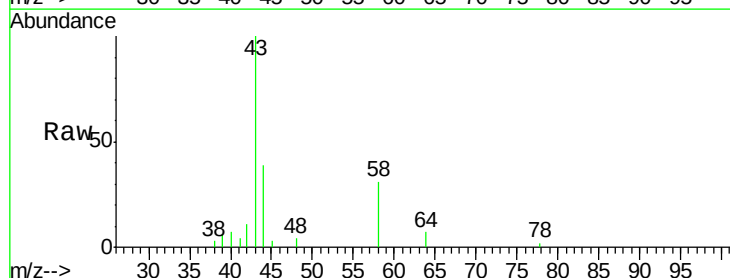
RT: 2.45 min Scan# 305

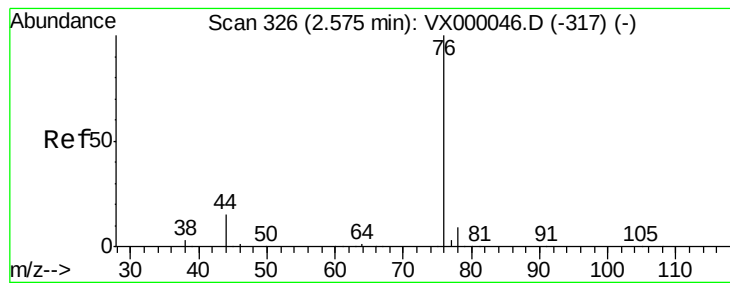
Delta R.T. -0.01 min

Lab File: VX000076.D

Acq: 13 Feb 2018 15:23

Tgt Ion:	43	Resp:	4377
Ion	Ratio	Lower	Upper
43	100		
58	30.9	25.9	38.9





#17

Carbon Disulfide

Concen: 0.92 ug/l

RT: 2.58 min Scan# 327

Delta R.T. 0.01 min

Lab File: VX000076.D

Acq: 13 Feb 2018 15:23

Instrument :

ClientSampled :

MDL04 0.75

Tot Ion: 76 Resp: 2860

Ion Ratio Lower Upper

76 100

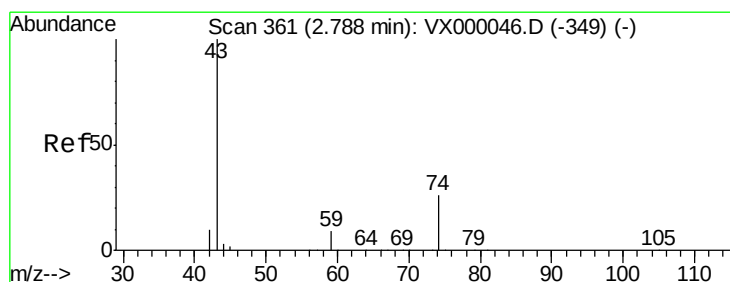
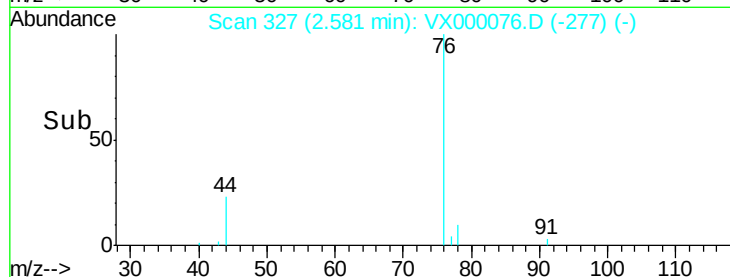
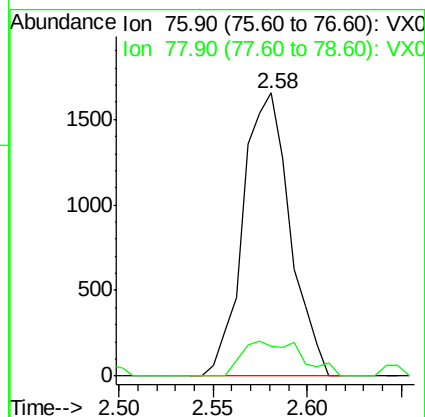
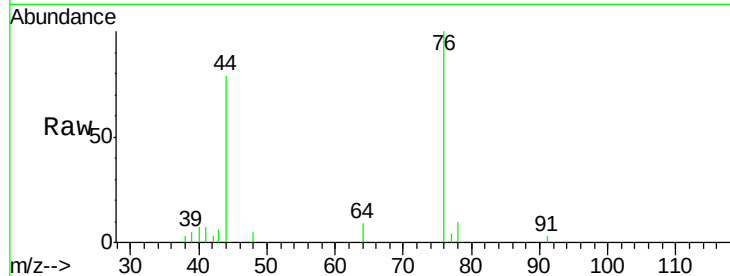
78 10.5 7.5 11.3

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#18

Methyl Acetate

Concen: 1.27 ug/l

RT: 2.78 min Scan# 359

Delta R.T. -0.01 min

Lab File: VX000076.D

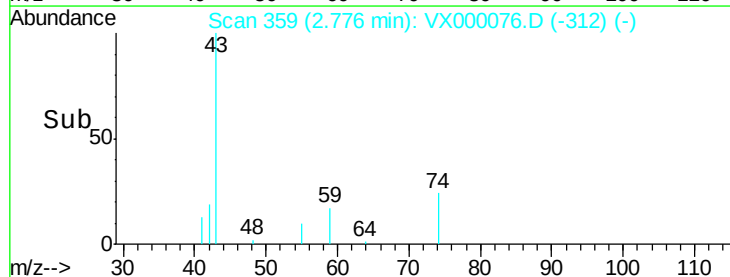
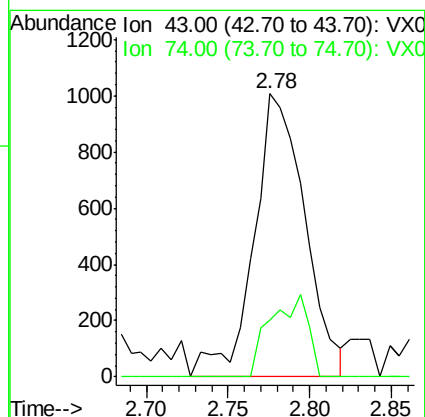
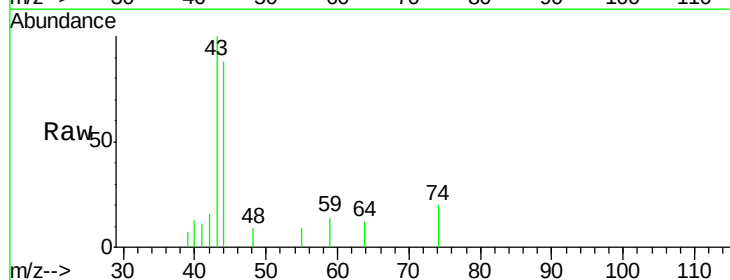
Acq: 13 Feb 2018 15:23

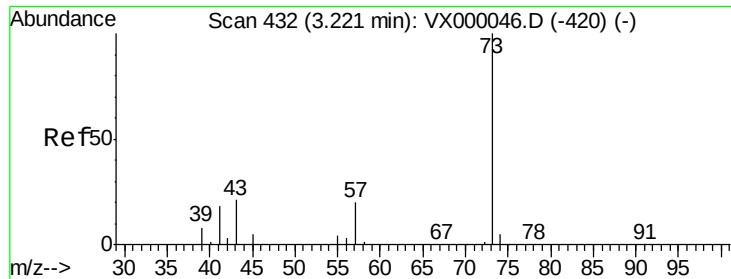
Tgt Ion: 43 Resp: 2188

Ion Ratio Lower Upper

43 100

74 21.8 20.2 30.4





#19

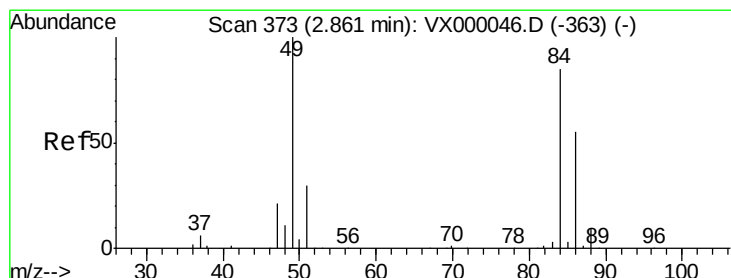
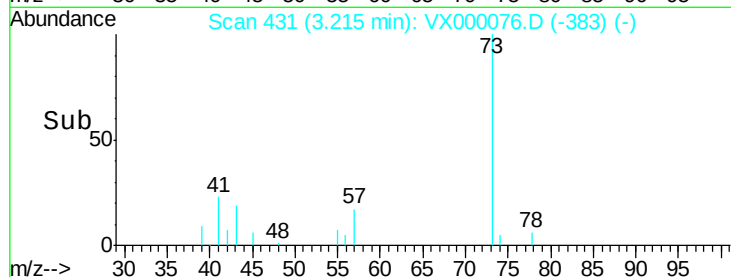
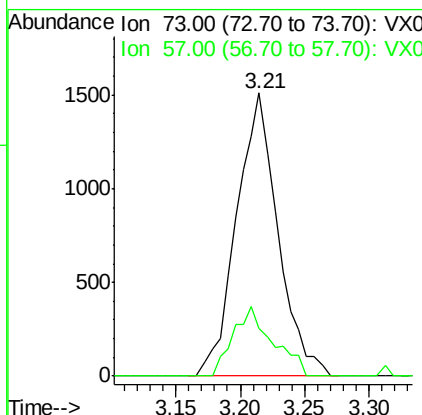
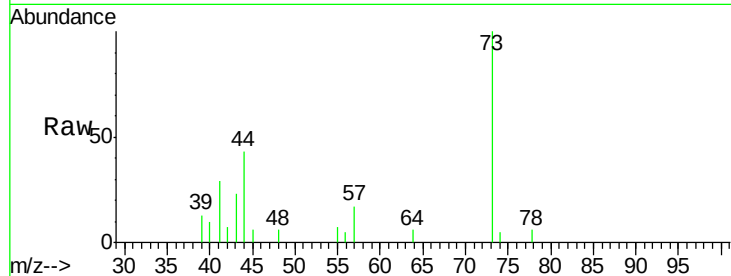
Methyl tert-butyl Ether
 Concen: 0.92 ug/l
 RT: 3.21 min Scan# 431
 Delta R.T. -0.01 min
 Lab File: VX000076.D
 Acq: 13 Feb 2018 15:23

Instrument :
 ClientSampled :
 MDL04 0.75

Tot Ion	Ratio	Lower	Upper
73	100		
57	16.8	16.2	24.4

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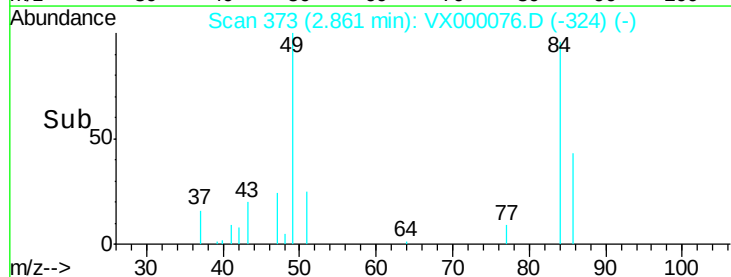
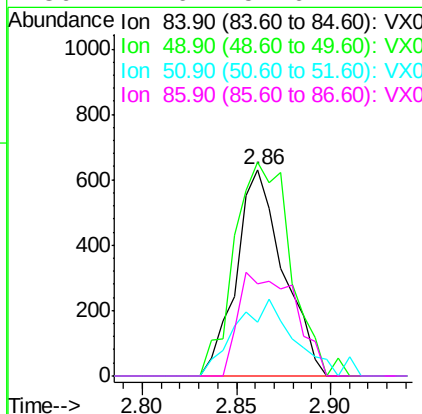
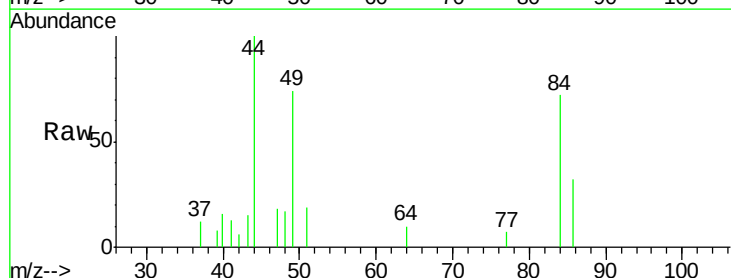
MMDadoda
 2/16/2018 2:28:00 PM

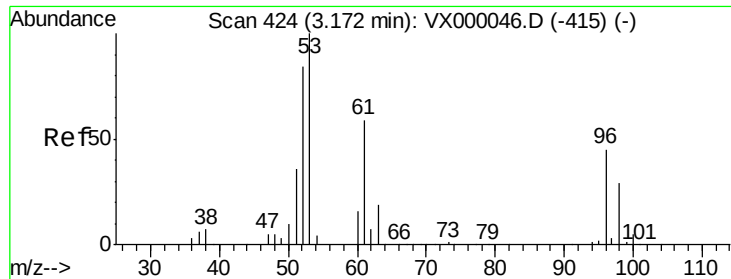


#20

Methylene Chloride
 Concen: 0.95 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. 0.00 min
 Lab File: VX000076.D
 Acq: 13 Feb 2018 15:23

Tgt Ion	Ratio	Lower	Upper
84	100		
49	103.7	94.4	141.6
51	26.2	28.3	42.5#
86	44.6	51.6	77.4#





#21

trans-1,2-Dichloroethene

Concen: 0.98 ug/l

RT: 3.18 min Scan# 425

Delta R.T. 0.01 min

Lab File: VX000076.D

Acq: 13 Feb 2018 15:23

Instrument :

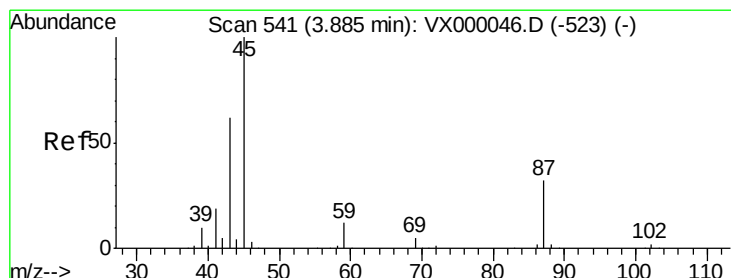
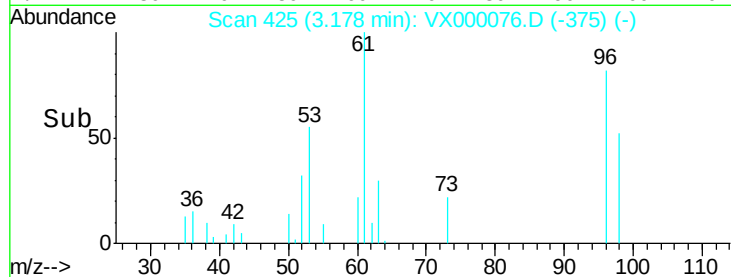
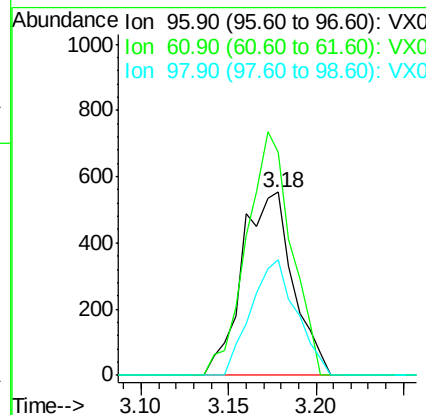
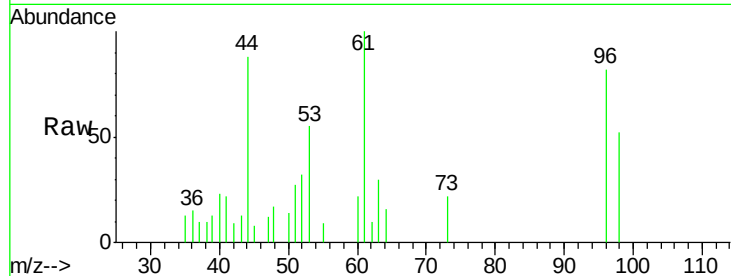
ClientSampled :

MDL04 0.75

Tot Ion:	96	Resp:	1128
Ion	Ratio	Lower	Upper
96	100		
61	121.5	104.9	157.3
98	62.9	52.4	78.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 1.11 ug/l

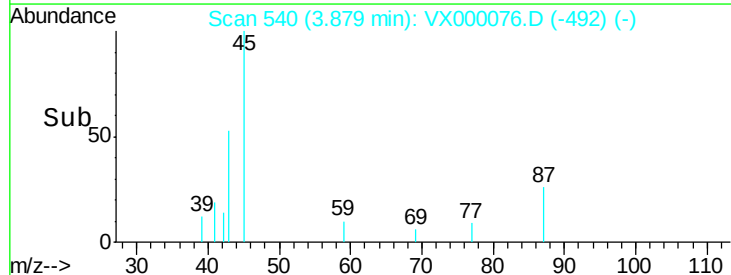
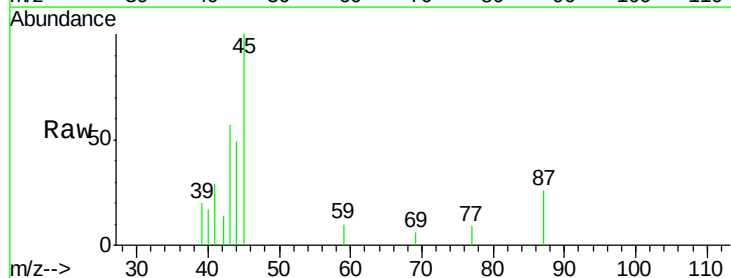
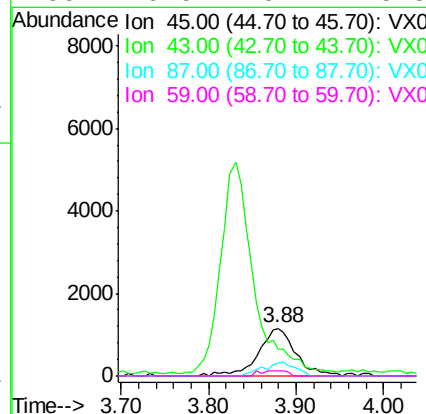
RT: 3.88 min Scan# 540

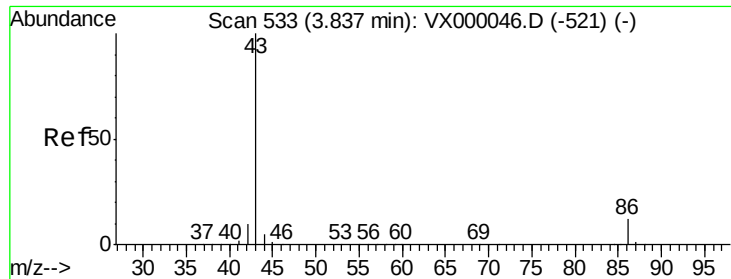
Delta R.T. -0.01 min

Lab File: VX000076.D

Acq: 13 Feb 2018 15:23

Tgt Ion:	45	Resp:	3407
Ion	Ratio	Lower	Upper
45	100		
43	49.5	49.6	74.4#
87	25.9	25.9	38.9#
59	10.5	9.2	13.8





#23

Vinyl Acetate

Concen: 4.85 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.01 min

Lab File: VX000076.D

Acq: 13 Feb 2018 15:23

Instrument :

ClientSampled :

MDL04 0.75

Tot Ion: 43 Resp: 13497

Ion Ratio Lower Upper

43 100

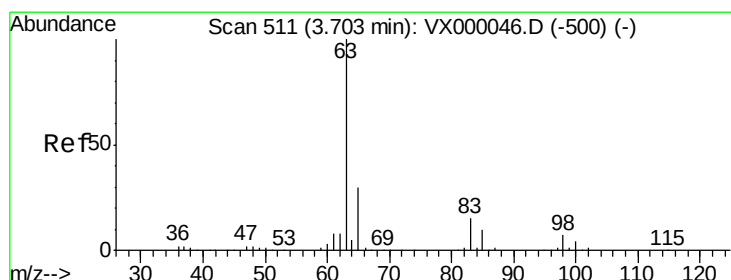
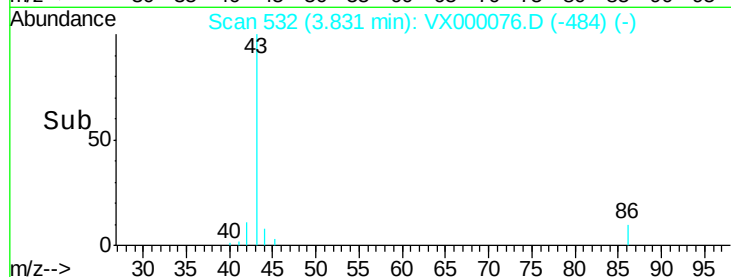
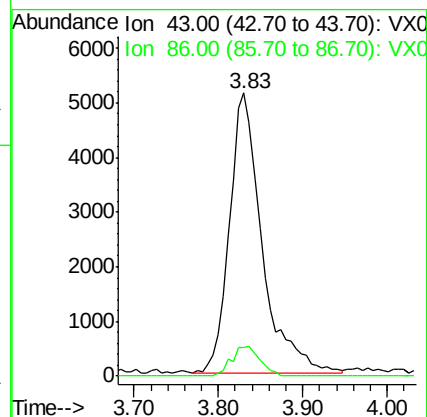
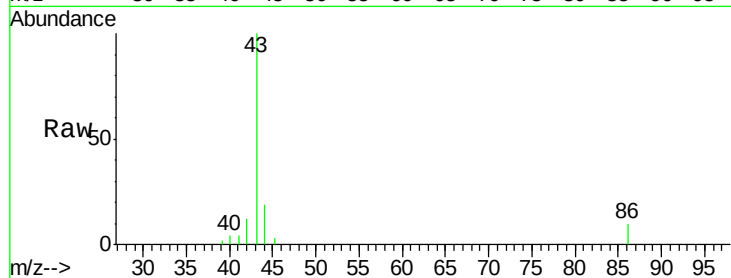
86 10.1 9.3 13.9

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 0.97 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX000076.D

Acq: 13 Feb 2018 15:23

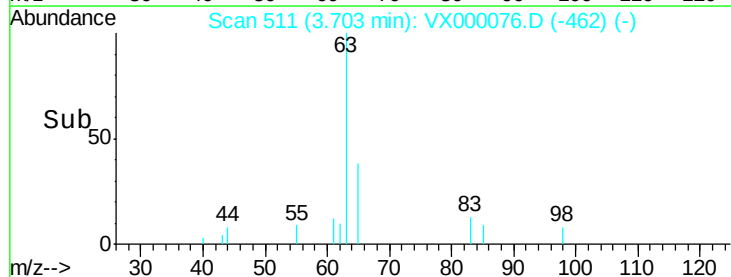
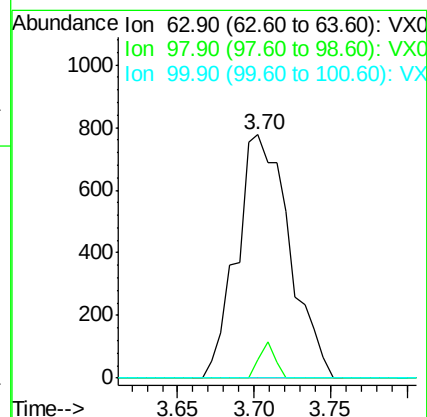
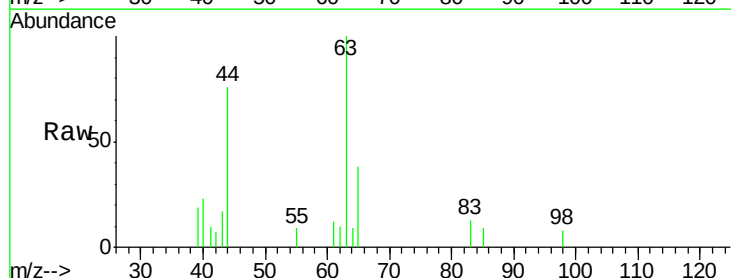
Tgt Ion: 63 Resp: 1863

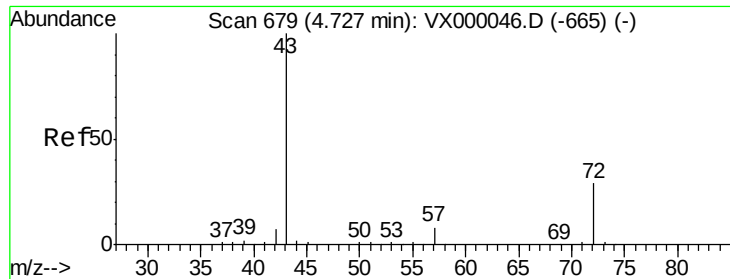
Ion Ratio Lower Upper

63 100

98 7.6 3.3 9.9

100 0.0 2.1 6.2#





#25

2-Butanone

Concen: 5.36 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.01 min

Lab File: VX000076.D

Acq: 13 Feb 2018 15:23

Instrument :

ClientSampled :

MDL04 0.75

Tot Ion: 43 Resp: 5519

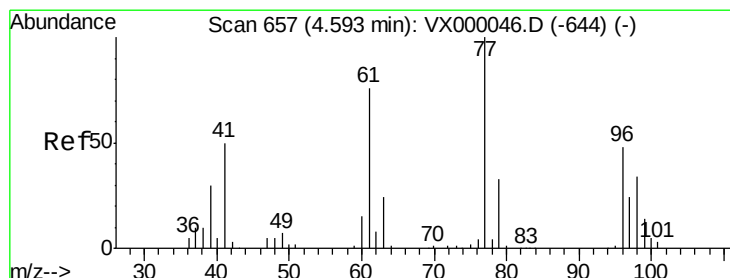
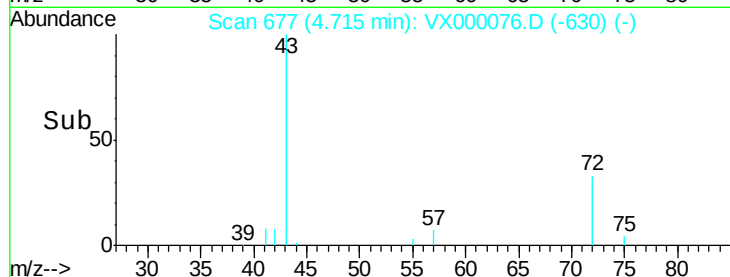
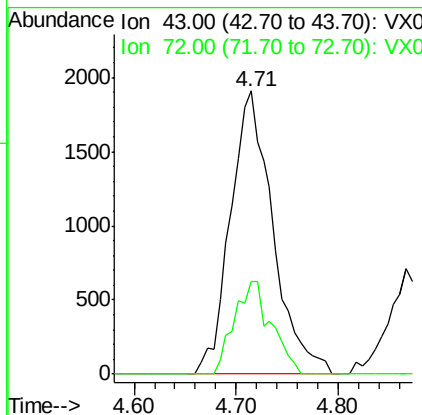
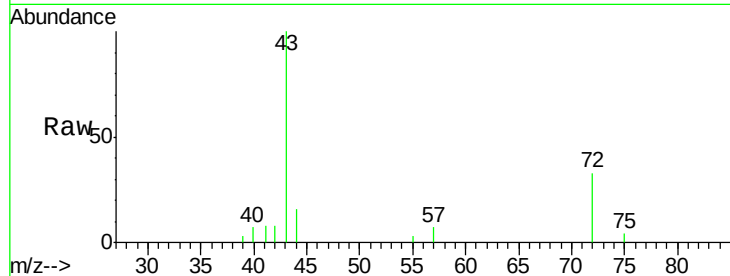
Ion Ratio Lower Upper

43 100

72 33.0 23.0 34.6

Manual Integrations
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MMDadoda
2/16/2018 2:28:00 PM



#26

2,2-Dichloropropane

Concen: 0.87 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX000076.D

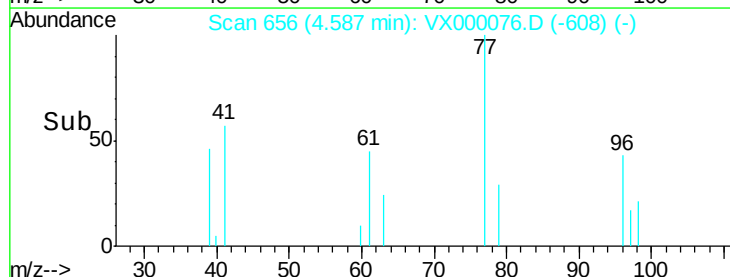
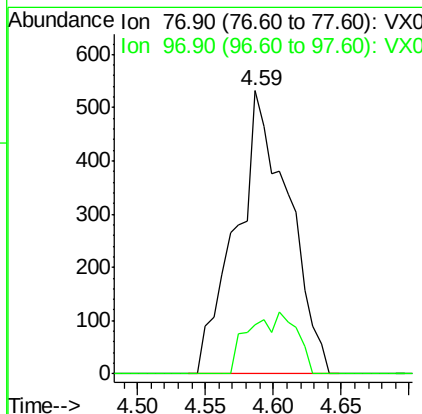
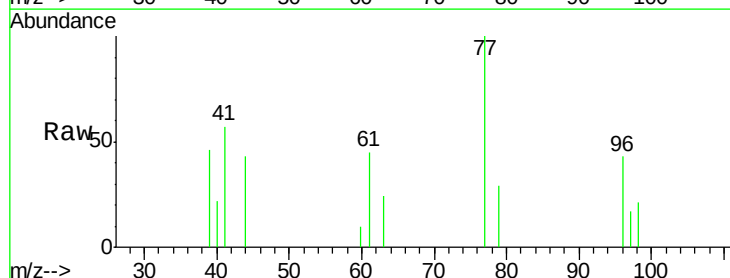
Acq: 13 Feb 2018 15:23

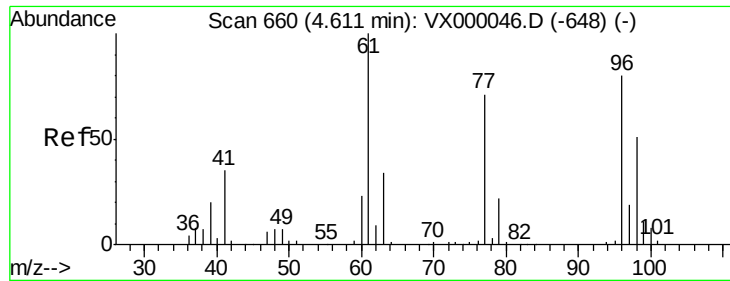
Tgt Ion: 77 Resp: 1432

Ion Ratio Lower Upper

77 100

97 10.9 11.8 35.4#





#27

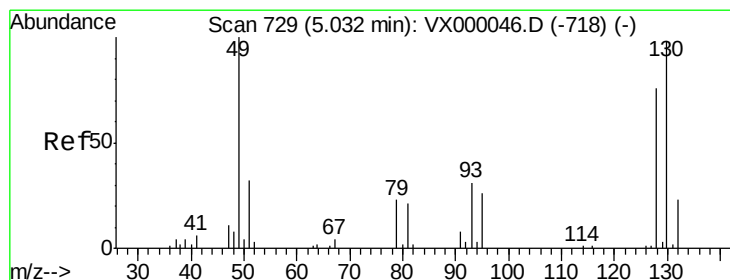
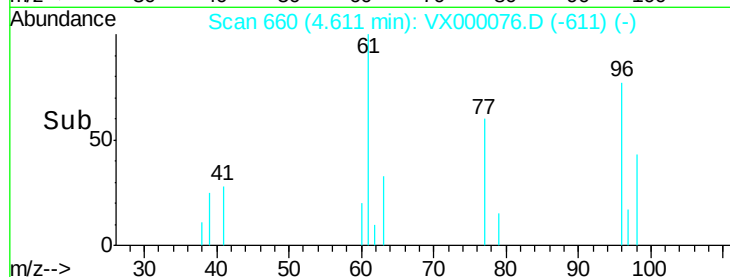
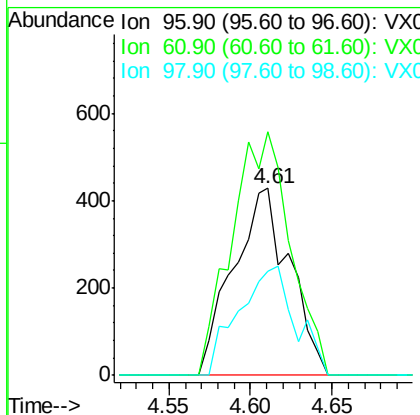
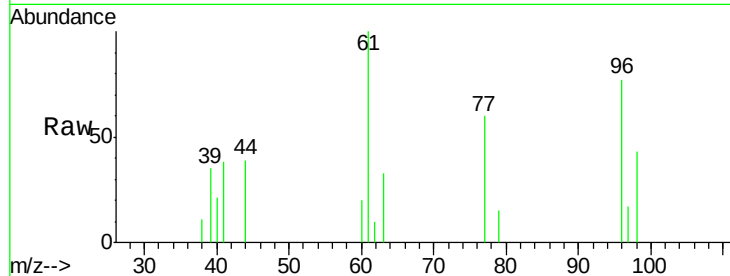
cis-1,2-Dichloroethene
Concen: 0.92 ug/l
RT: 4.61 min Scan# 660
Delta R.T. 0.00 min
Lab File: VX000076.D
Acq: 13 Feb 2018 15:23

Instrument :
ClientSampled :
MDL04 0.75

Tot Ion	Ratio	Lower	Upper
96	100		
61	134.8	0.0	274.4
98	58.5	0.0	132.4

Manual Integrations
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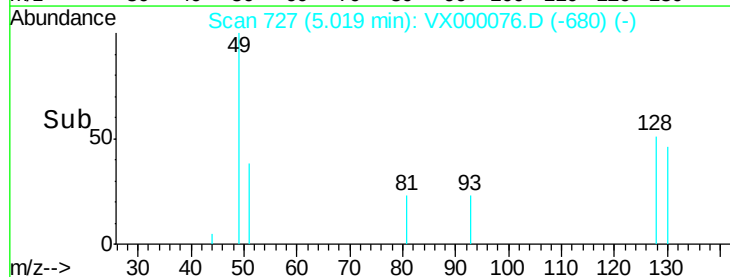
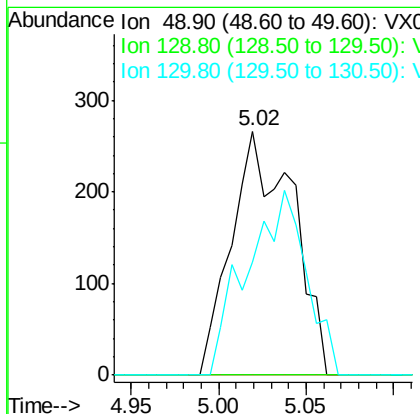
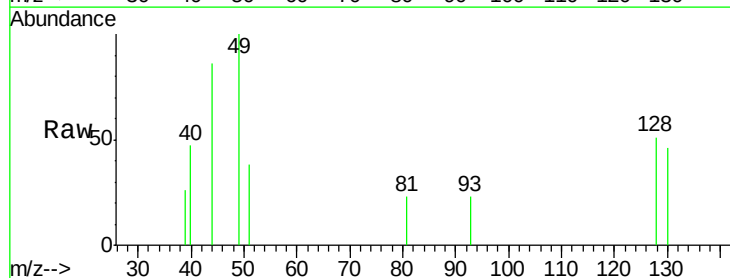
MMDadoda
2/16/2018 2:28:00 PM

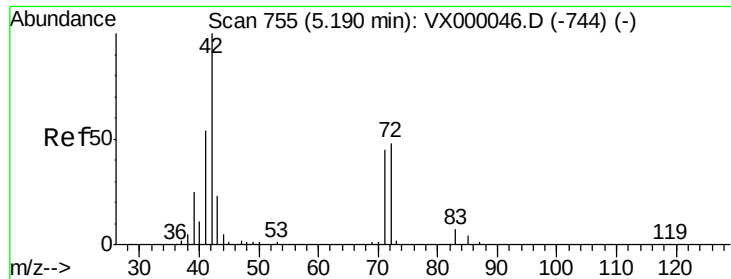


#28

Bromochloromethane
Concen: 1.02 ug/l
RT: 5.02 min Scan# 727
Delta R.T. -0.01 min
Lab File: VX000076.D
Acq: 13 Feb 2018 15:23

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	5.0
130	73.0	75.6	113.4#





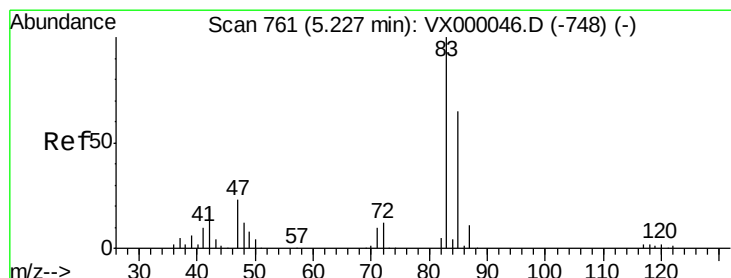
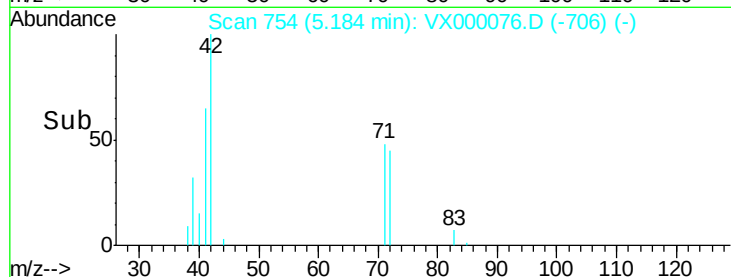
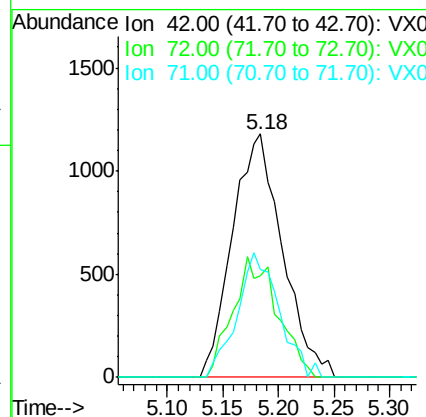
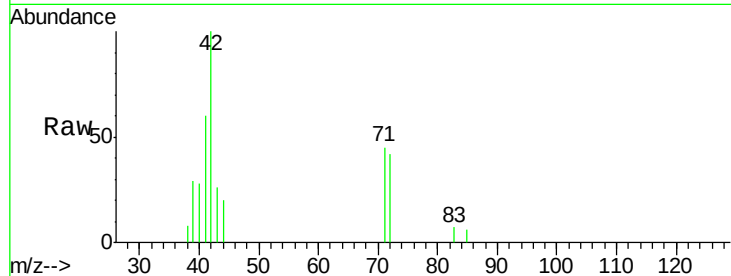
#29
Tetrahydrofuran
Concen: 5.23 ug/l
RT: 5.18 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX000076.D
Acq: 13 Feb 2018 15:23

Instrument :
Client Sampled :
MDL04 0.75

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.0	39.0	58.6
71	43.0	36.7	55.1

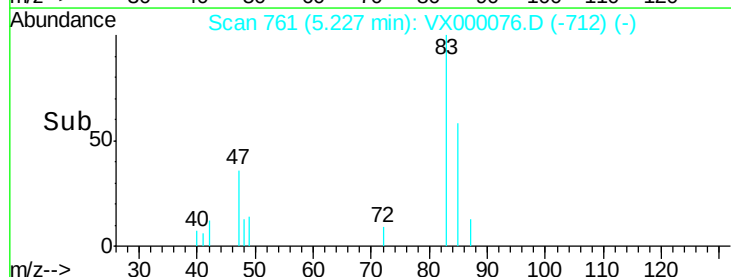
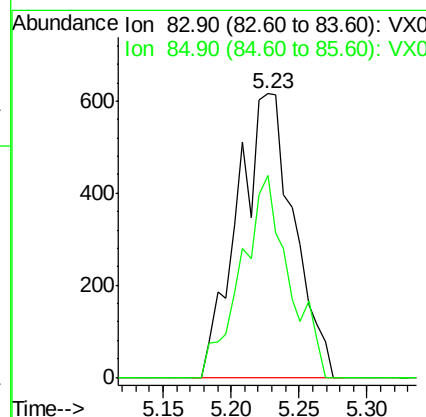
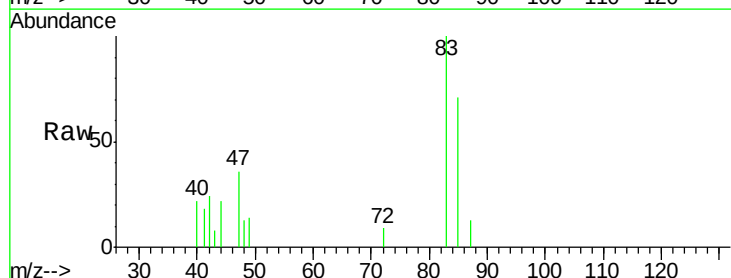
Manual Integrations
APPROVED

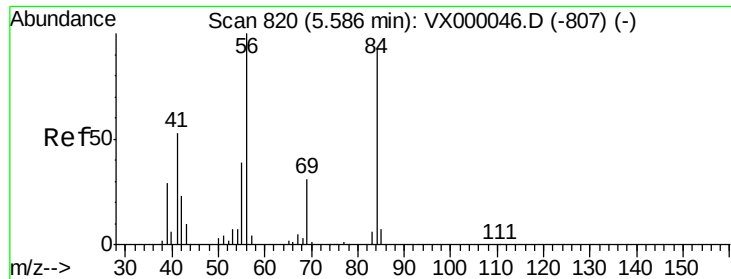
MMDadoda
2/16/2018 2:28:00 PM



#30
Chloroform
Concen: 0.92 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.00 min
Lab File: VX000076.D
Acq: 13 Feb 2018 15:23

Tgt Ion	Ratio	Lower	Upper
83	100		
85	71.3	51.9	77.9





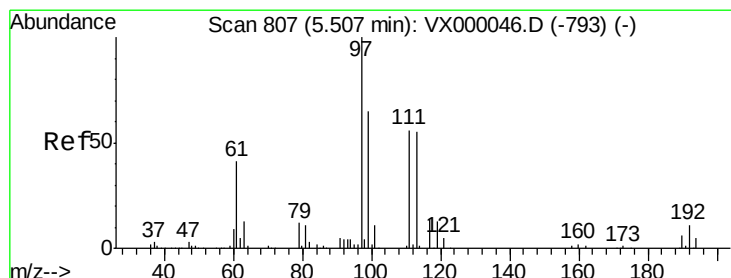
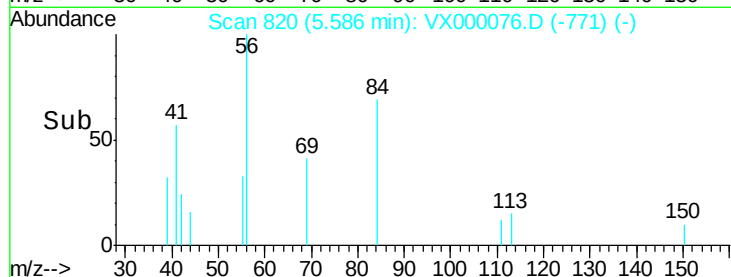
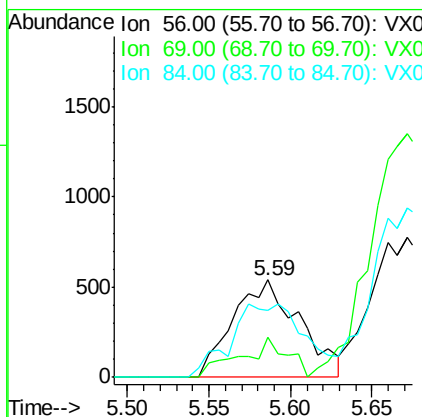
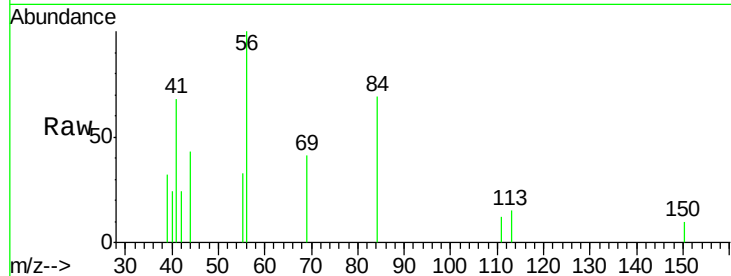
#31
Cyclohexane
Concen: 0.98 ug/l
RT: 5.59 min Scan# 820
Delta R.T. 0.00 min
Lab File: VX000076.D
Acq: 13 Feb 2018 15:23

Instrument :
Client Sampled :
MDL04 0.75

Tot Ion	Ratio	Lower	Upper
56	100		
69	40.6	24.5	36.7#
84	68.6	74.8	112.2#

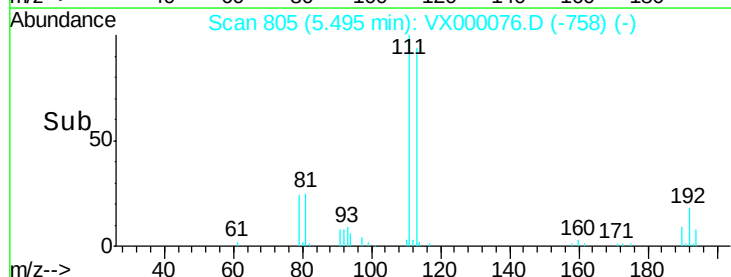
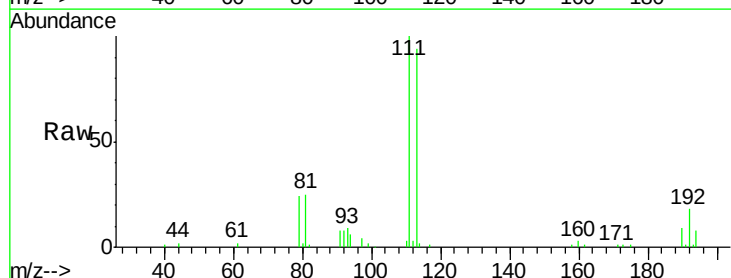
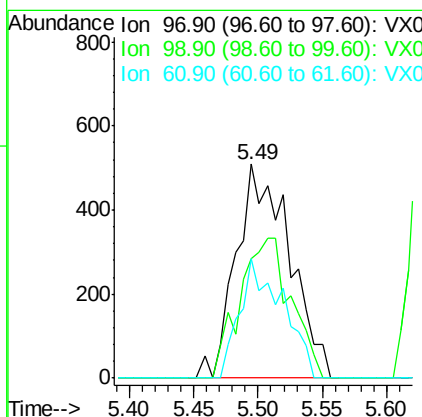
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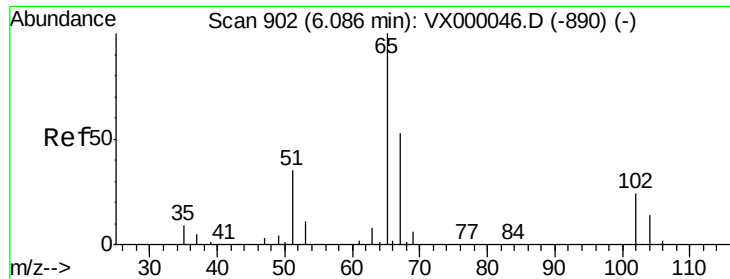
MMDadoda
2/16/2018 2:28:00 PM



#32
1,1,1-Trichloroethane
Concen: 0.81 ug/l
RT: 5.49 min Scan# 805
Delta R.T. -0.01 min
Lab File: VX000076.D
Acq: 13 Feb 2018 15:23

Tgt Ion	Ratio	Lower	Upper
97	100		
99	0.0	50.8	76.2#
61	45.2	32.1	48.1





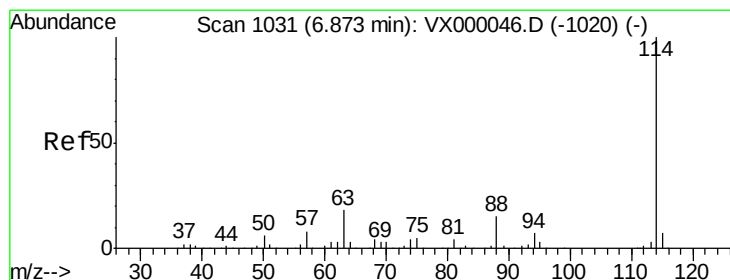
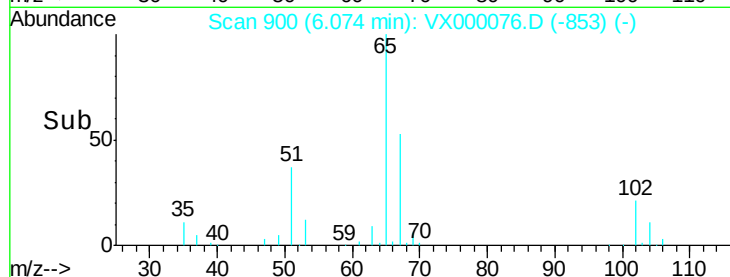
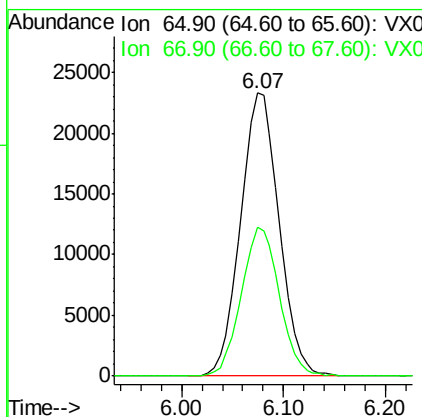
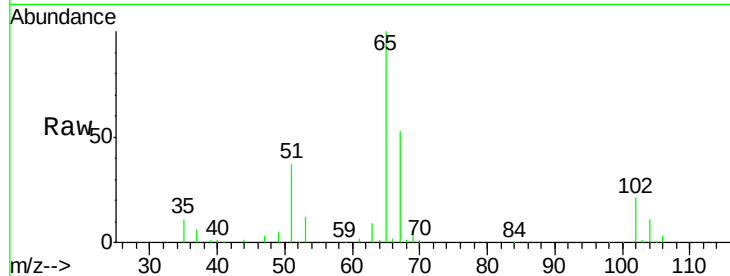
#33
 1,2-Dichloroethane-d4
 Concen: 53.09 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: VX000076.D
 Acq: 13 Feb 2018 15:23

Instrument :
 ClientSampled :
 MDL04 0.75

Tot Ion	Ratio	Resp	Lower	Upper
65	100	61152		
67	51.9	0.0	106.0	

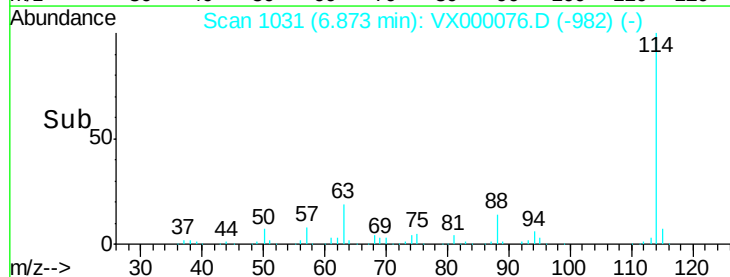
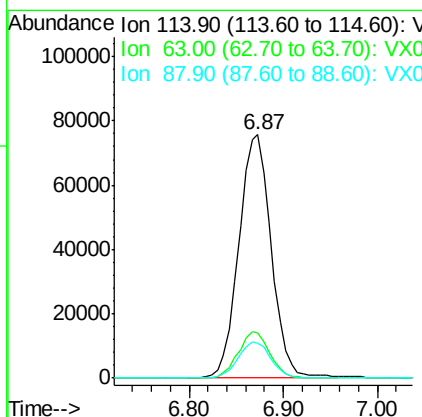
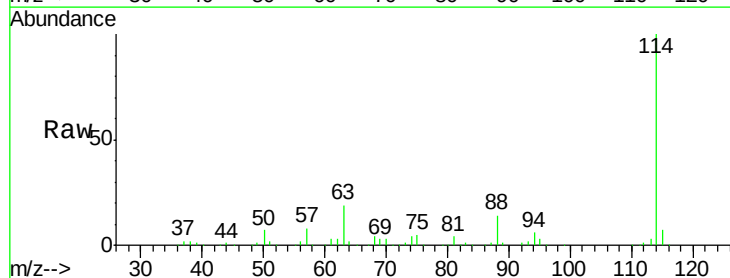
Manual Integrations
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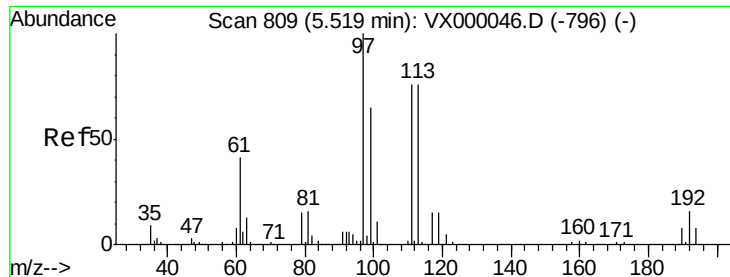
MMDadoda
 2/16/2018 2:28:00 PM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: VX000076.D
 Acq: 13 Feb 2018 15:23

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	181817		
63	18.6	0.0	36.0	
88	14.2	0.0	30.4	





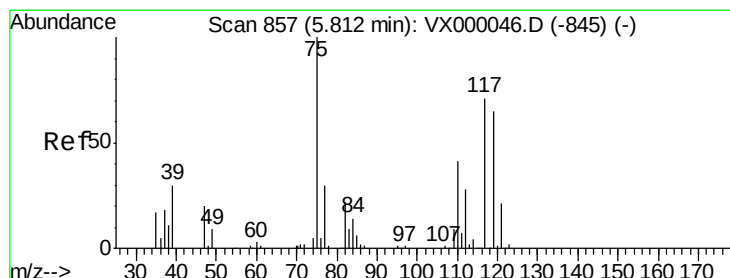
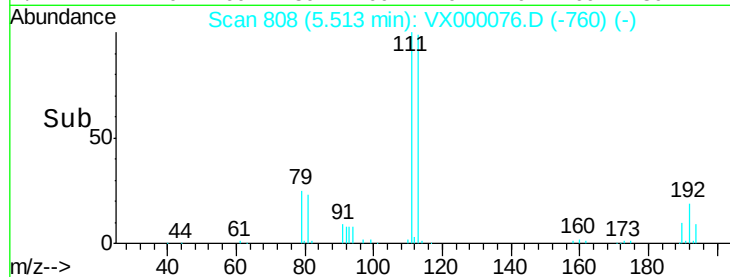
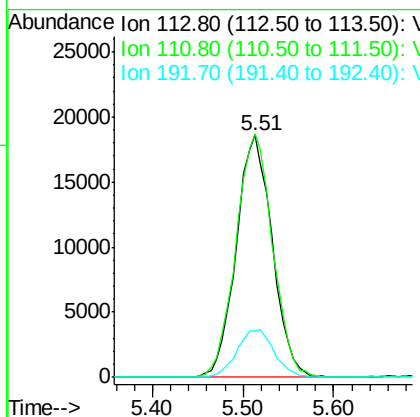
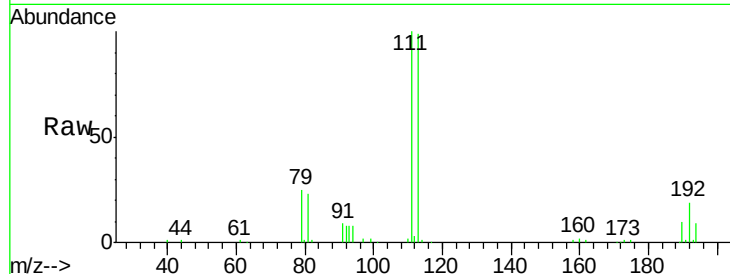
#35
 Dibromofluoromethane
 Concen: 48.17 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: VX000076.D
 Acq: 13 Feb 2018 15:23

Instrument :
 ClientSampled :
 MDL04 0.75

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	80.5	120.7
192	20.2	16.9	25.3

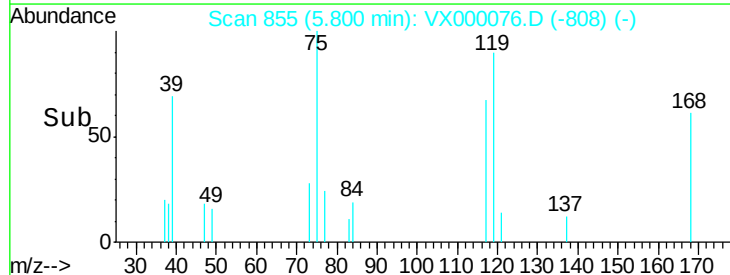
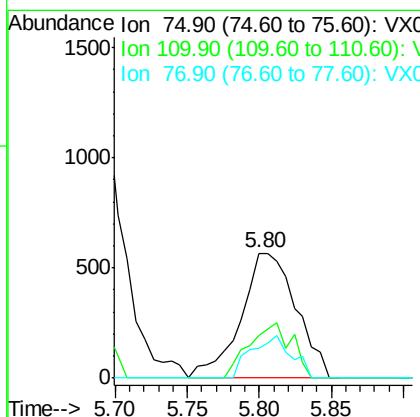
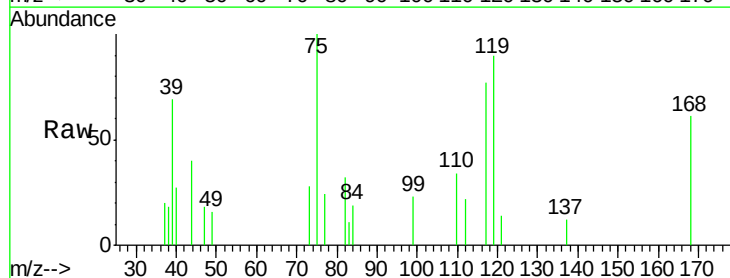
Manual Integrations
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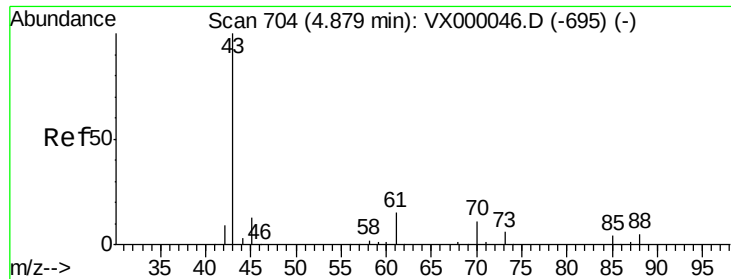
MMDadoda
 2/16/2018 2:28:00 PM



#36
 1,1-Dichloropropene
 Concen: 0.95 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.01 min
 Lab File: VX000076.D
 Acq: 13 Feb 2018 15:23

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.4	19.4	58.4
77	24.7	24.2	36.4





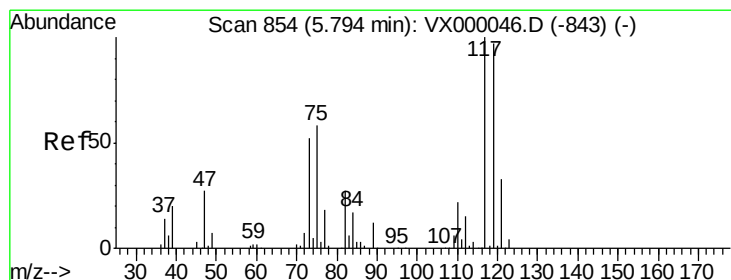
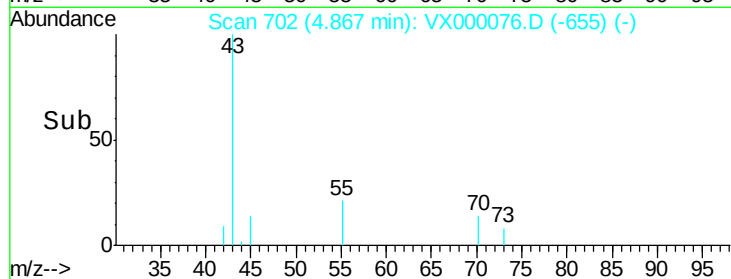
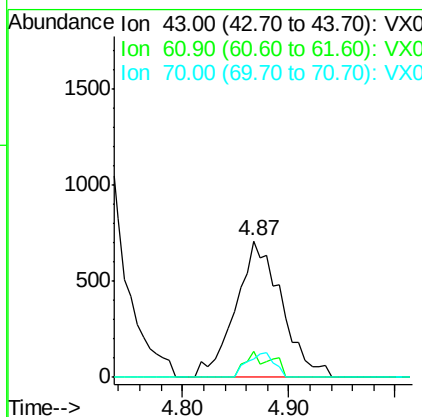
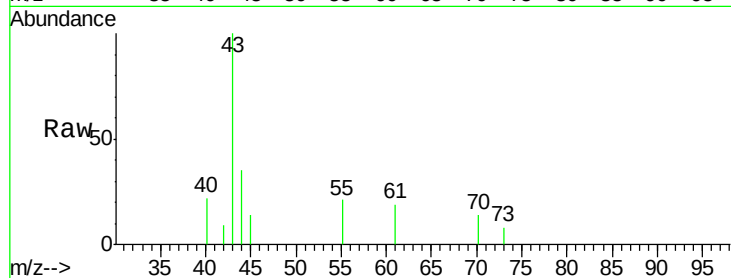
#37
Ethyl Acetate
Concen: 1.05 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX000076.D
Acq: 13 Feb 2018 15:23

Instrument :
ClientSampled :
MDL04 0.75

Tot Ion: 43 Resp: 2149
Ion Ratio Lower Upper
43 100
61 10.8 11.4 17.2#
70 10.5 9.0 13.6

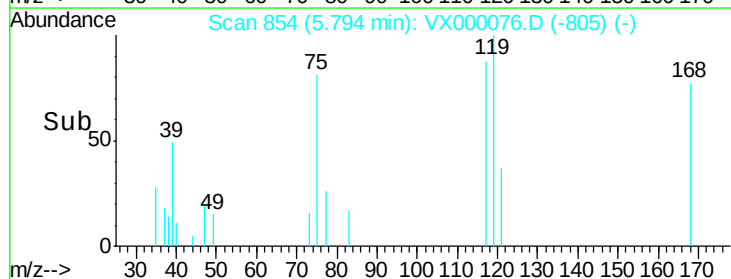
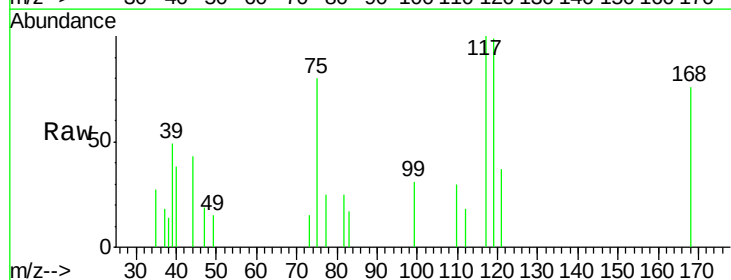
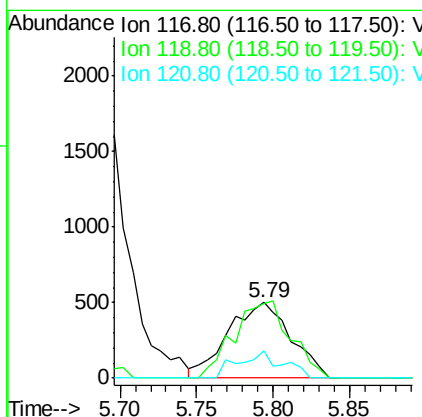
Manual Integrations
APPROVED

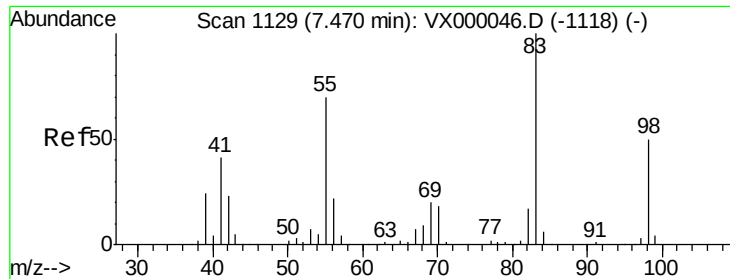
MMDadoda
2/16/2018 2:28:00 PM



#38
Carbon Tetrachloride
Concen: 0.80 ug/l
RT: 5.79 min Scan# 854
Delta R.T. 0.00 min
Lab File: VX000076.D
Acq: 13 Feb 2018 15:23

Tgt Ion: 117 Resp: 1430
Ion Ratio Lower Upper
117 100
119 98.8 76.9 115.3
121 36.5 25.8 38.8





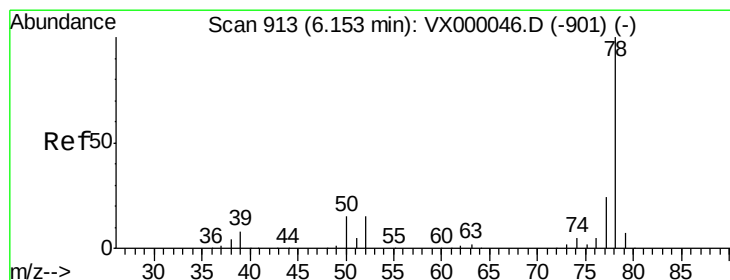
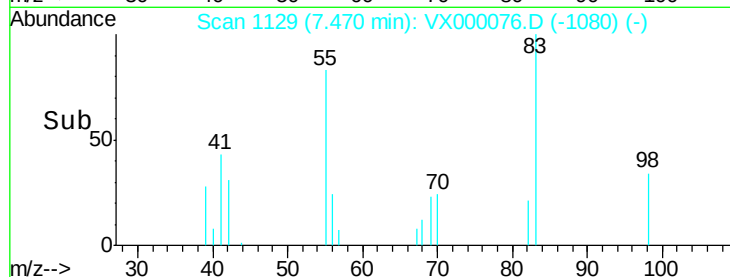
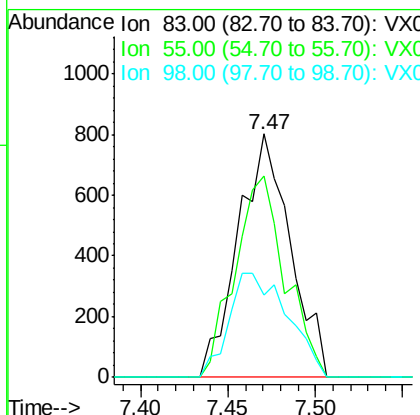
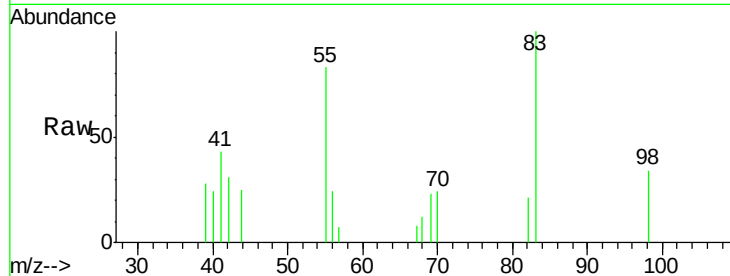
#39
Methylvlcyclohexane
Concen: 0.87 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VX000076.D
Acq: 13 Feb 2018 15:23

Instrument :
ClientSampled :
MDL04 0.75

Tot Ion	Ratio	Lower	Upper
83	100		
55	82.7	55.7	83.5
98	33.9	39.7	59.5#

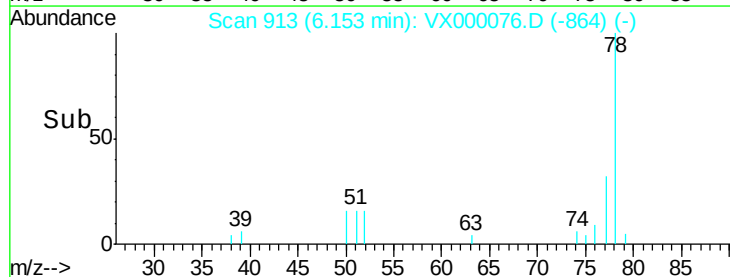
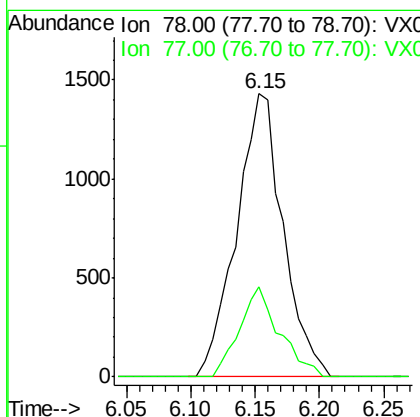
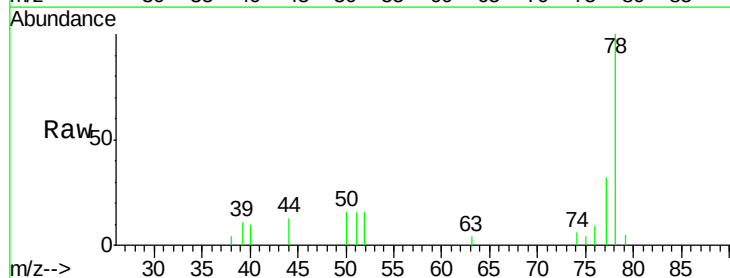
Manual Integrations
APPROVED

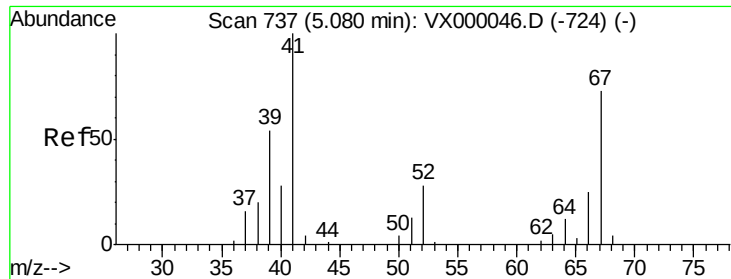
MMDadoda
2/16/2018 2:28:00 PM



#40
Benzene
Concen: 0.80 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.00 min
Lab File: VX000076.D
Acq: 13 Feb 2018 15:23

Tgt Ion	Ratio	Lower	Upper
78	100		
77	31.7	19.4	29.2#





#41

Methacrylonitrile

Concen: 1.07 ug/l

RT: 5.07 min Scan# 736

Delta R.T. -0.01 min

Lab File: VX000076.D

Acq: 13 Feb 2018 15:23

Instrument :

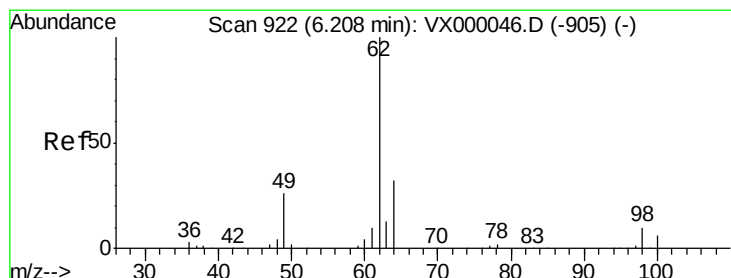
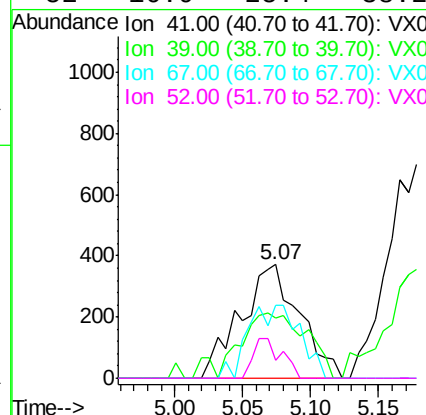
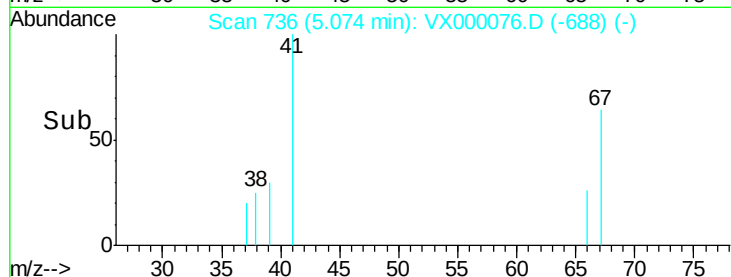
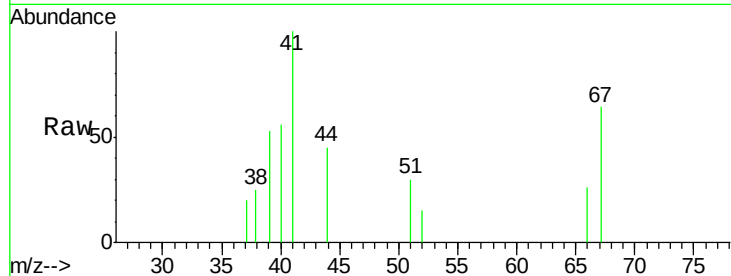
ClientSampled :

MDL04 0.75

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	62.8	45.8	68.8	
67	25.1	60.6	91.0#	
52	16.9	25.4	38.2#	

Manual Integrations
APPROVED

MMDadoda
2/16/2018 2:28:00 PM



#42

1,2-Dichloroethane

Concen: 0.88 ug/l

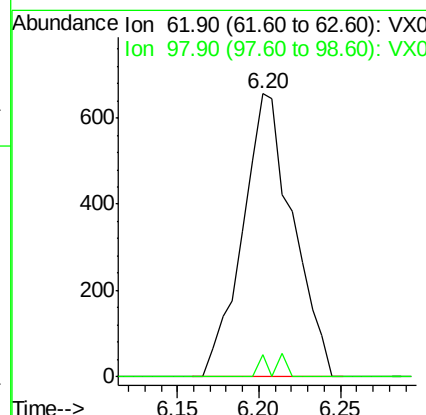
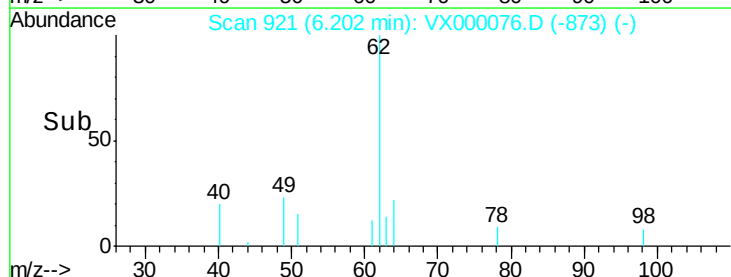
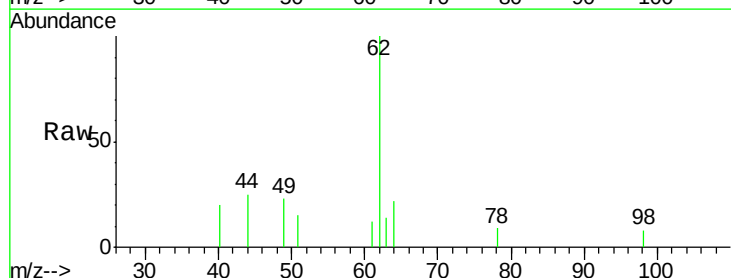
RT: 6.20 min Scan# 921

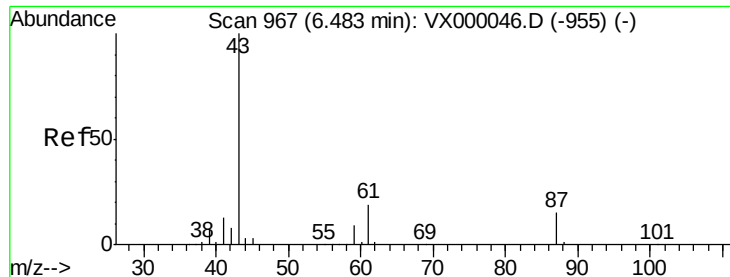
Delta R.T. -0.01 min

Lab File: VX000076.D

Acq: 13 Feb 2018 15:23

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	2.8	0.0	18.6	





#43

Isopropyl Acetate

Concen: 0.89 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.01 min

Lab File: VX000076.D

Acq: 13 Feb 2018 15:23

Instrument :

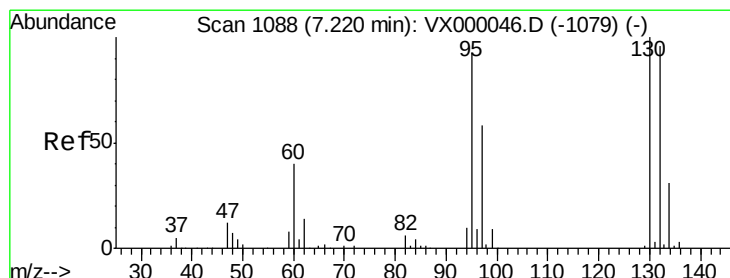
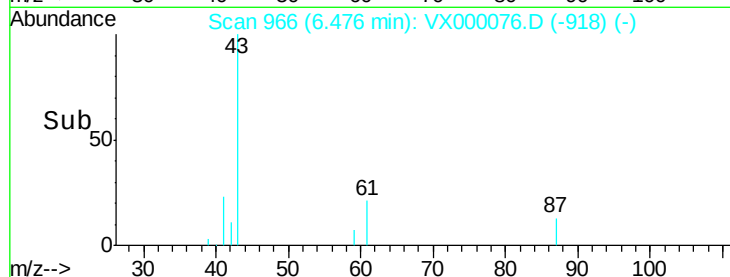
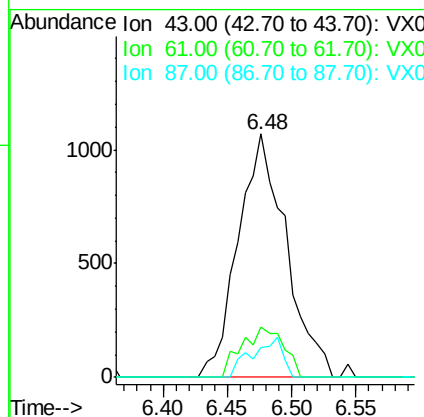
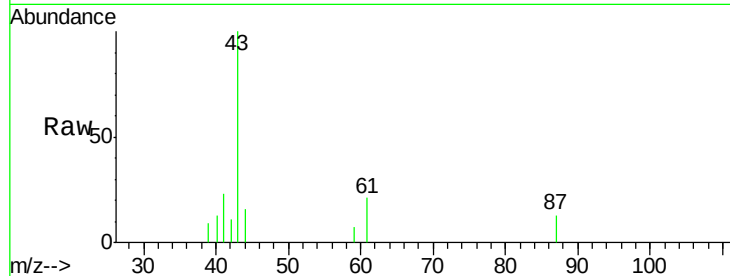
ClientSampled :

MDL04 0.75

Tot Ion:	43	Resp:	2757
Ion	Ratio	Lower	Upper
43	100		
61	18.0	15.9	23.9
87	10.5	11.8	17.6#

Manual Integrations
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2/16/2018 2:28:00 PM



#44

Trichloroethene

Concen: 0.78 ug/l

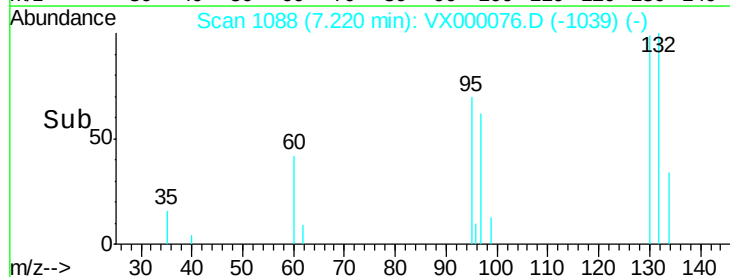
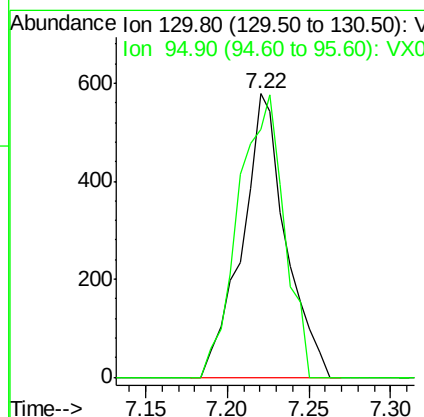
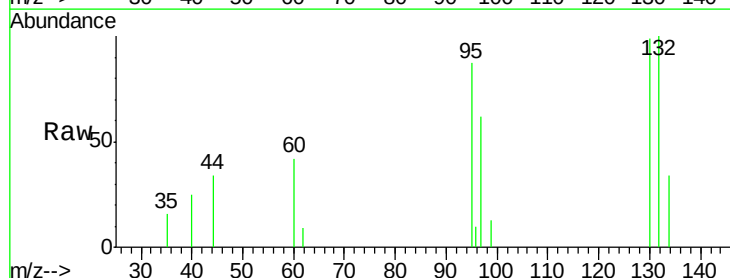
RT: 7.22 min Scan# 1088

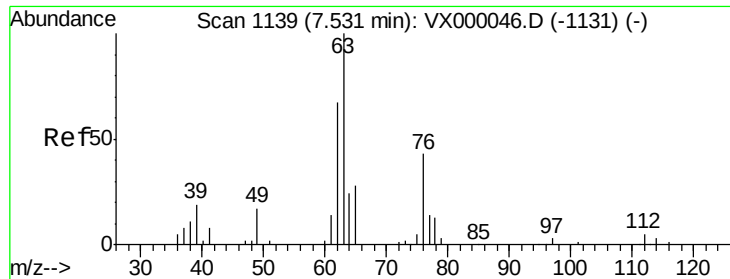
Delta R.T. 0.00 min

Lab File: VX000076.D

Acq: 13 Feb 2018 15:23

Tgt Ion:	130	Resp:	1083
Ion	Ratio	Lower	Upper
130	100		
95	87.5	0.0	185.2





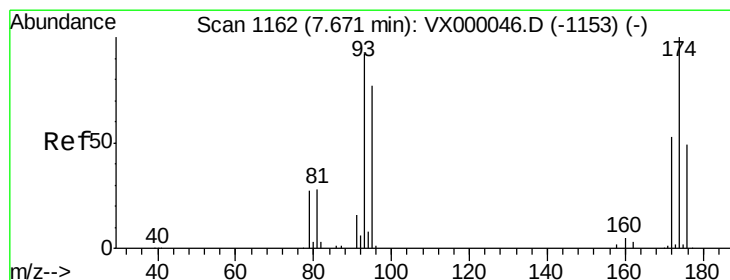
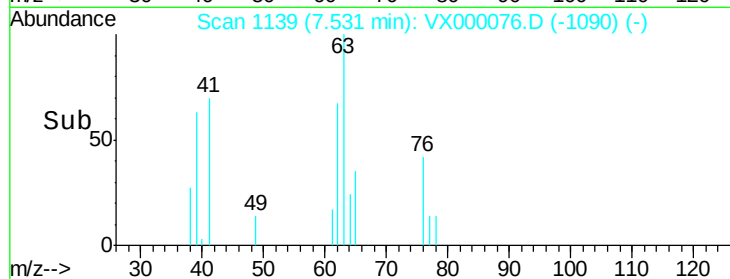
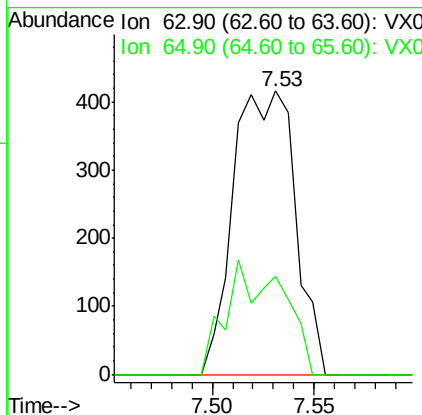
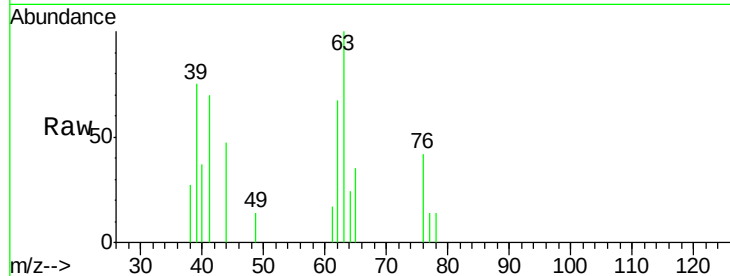
#45
 1,2-Dichloropropane
 Concen: 0.81 ug/l
 RT: 7.53 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VX000076.D
 Acq: 13 Feb 2018 15:23

Instrument :
 ClientSampled :
 MDL04 0.75

Tot Ion: 63 Resp: 876
 Ion Ratio Lower Upper
 63 100
 65 34.6 23.7 35.5

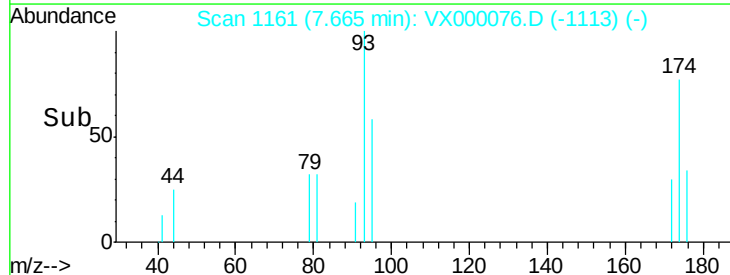
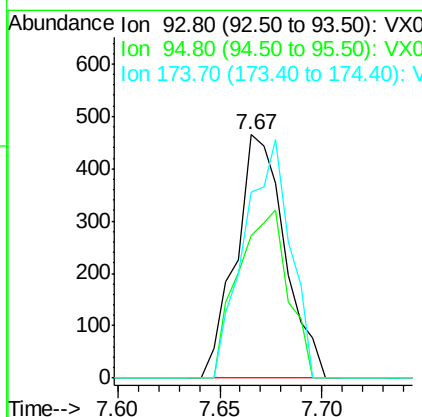
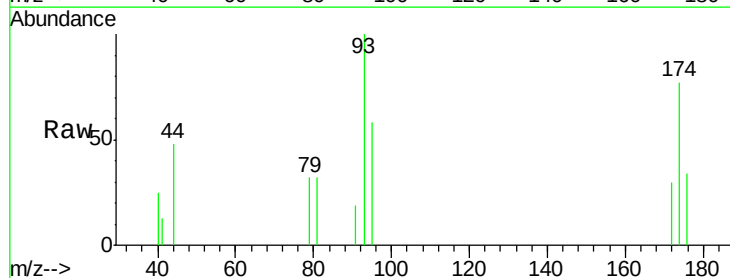
Manual Integrations
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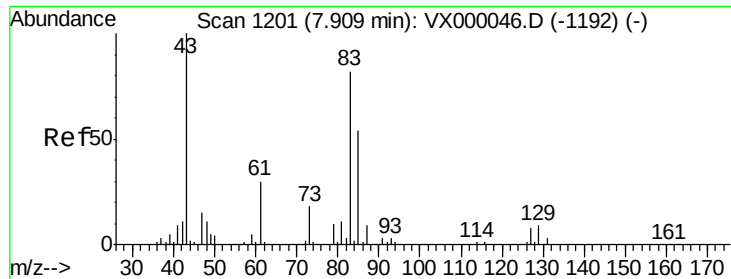
MMDadoda
 2/16/2018 2:28:00 PM



#46
 Dibromomethane
 Concen: 0.93 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: VX000076.D
 Acq: 13 Feb 2018 15:23

Tgt Ion: 93 Resp: 778
 Ion Ratio Lower Upper
 93 100
 95 70.2 66.3 99.5
 174 91.0 90.4 135.6





#47

Bromodichloromethane

Concen: 0.80 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.01 min

Lab File: VX000076.D

Acq: 13 Feb 2018 15:23

Instrument :

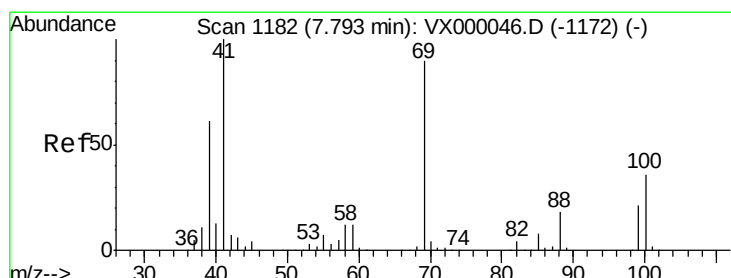
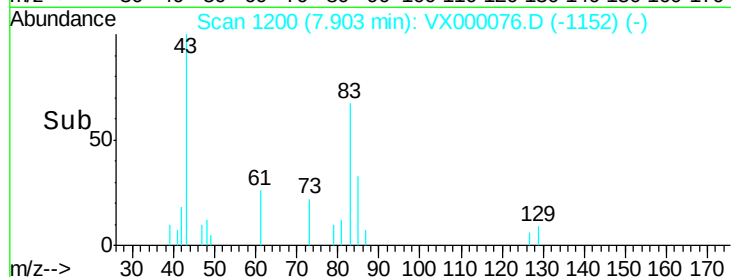
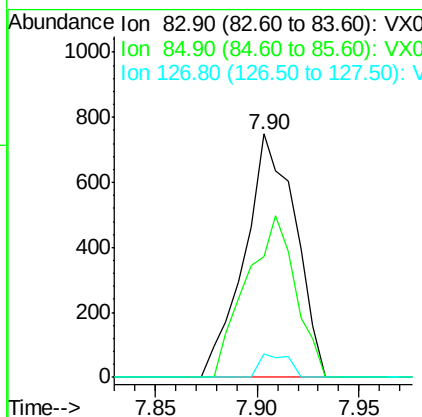
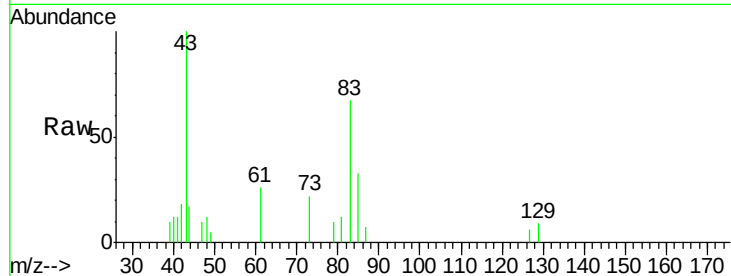
ClientSampled :

MDL04 0.75

Tot Ion:	83	Resp:	1303
Ion	Ratio	Lower	Upper
83	100		
85	49.4	52.3	78.5#
127	9.6	7.4	11.0

Manual Integrations
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MMDadoda
2/16/2018 2:28:00 PM



#48

Methyl methacrylate

Concen: 0.95 ug/l

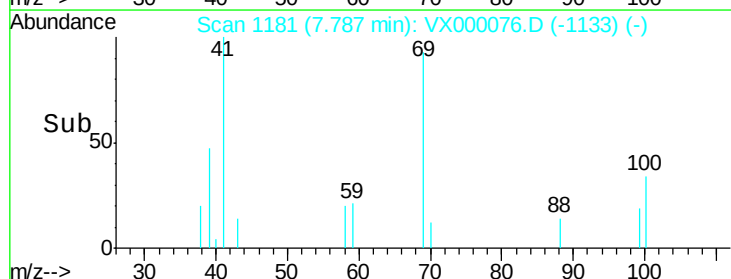
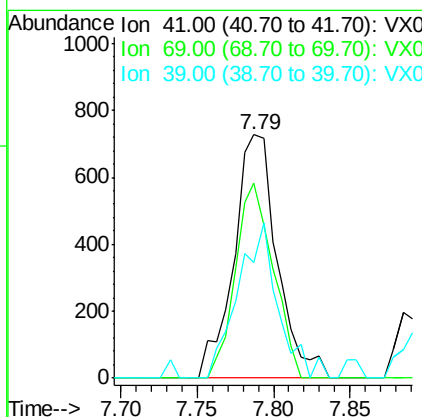
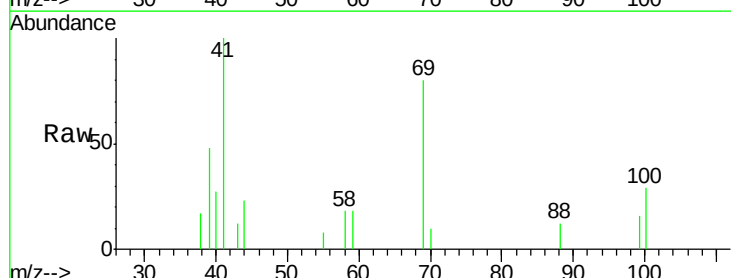
RT: 7.79 min Scan# 1181

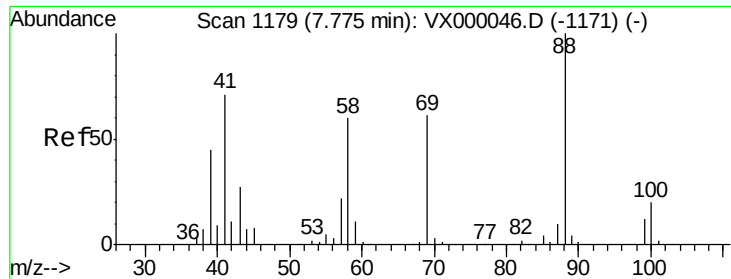
Delta R.T. -0.01 min

Lab File: VX000076.D

Acq: 13 Feb 2018 15:23

Tgt Ion:	41	Resp:	1438
Ion	Ratio	Lower	Upper
41	100		
69	69.8	72.1	108.1#
39	58.8	49.6	74.4





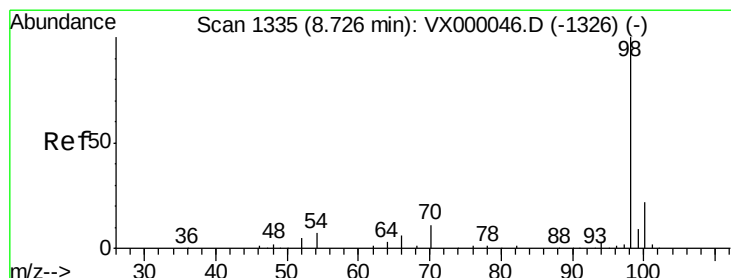
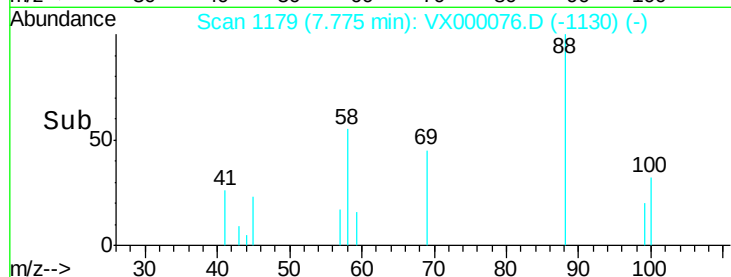
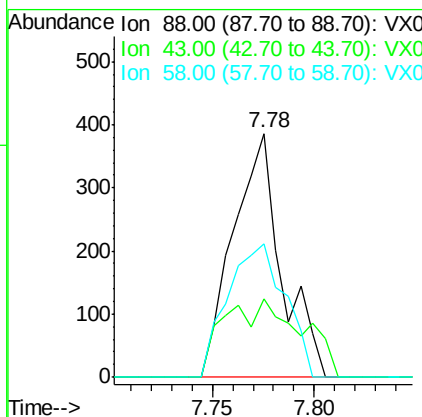
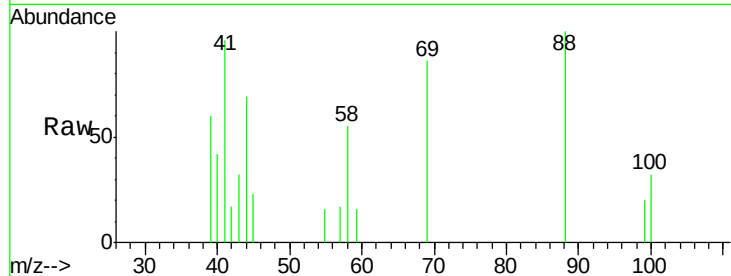
#49
1,4-Dioxane
Concen: 15.81 ug/l
RT: 7.78 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VX000076.D
Acq: 13 Feb 2018 15:23

Instrument :
ClientSampled :
MDL04 0.75

Tot Ion: 88 Resp: 637
Ion Ratio Lower Upper
88 100
43 21.4 22.6 33.8#
58 64.8 49.4 74.2

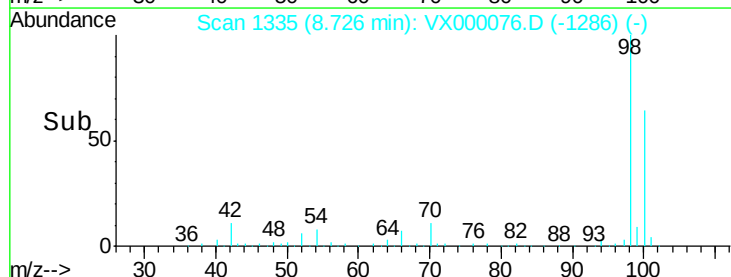
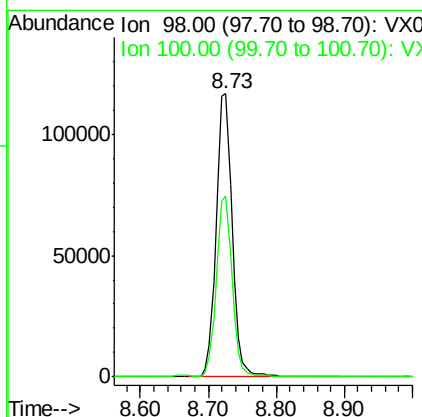
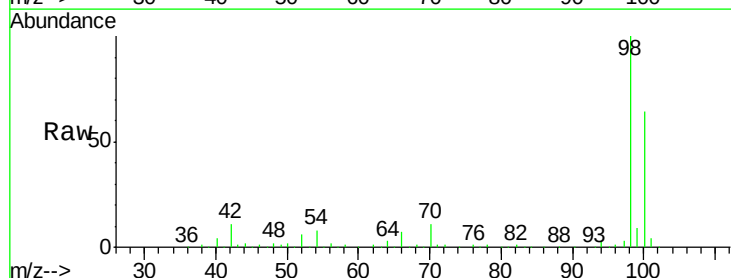
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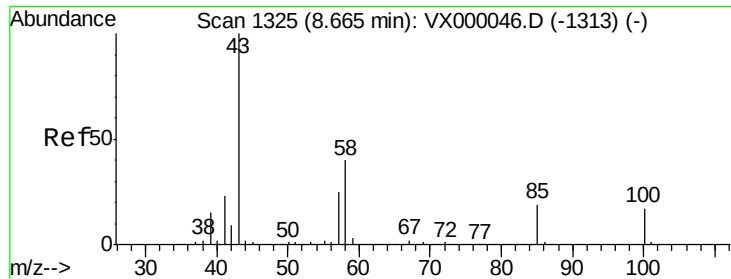
MMDadoda
2/16/2018 2:28:00 PM



#50
Toluene-d8
Concen: 48.35 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX000076.D
Acq: 13 Feb 2018 15:23

Tgt Ion: 98 Resp: 191025
Ion Ratio Lower Upper
98 100
100 63.6 51.8 77.6





#51

4-Methyl-2-Pentanone

Concen: 4.18 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.01 min

Lab File: VX000076.D

Acq: 13 Feb 2018 15:23

Instrument :

ClientSampled :

MDL04 0.75

Tot Ion: 43 Resp: 8988

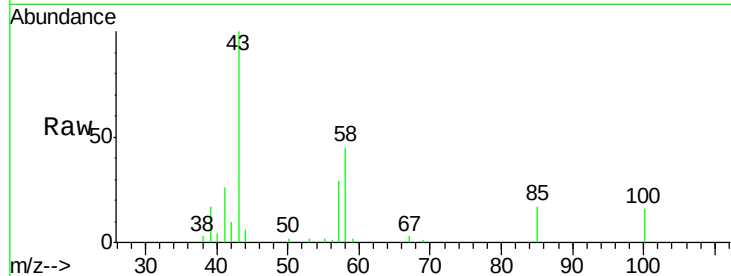
Ion Ratio Lower Upper

43 100

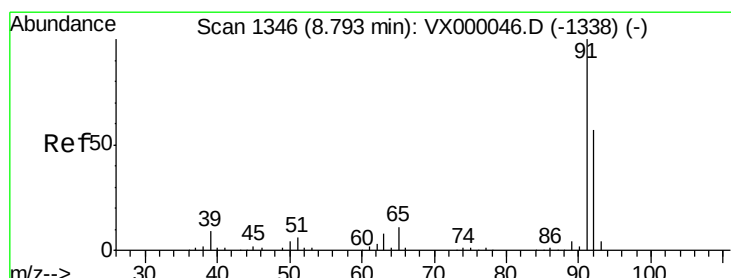
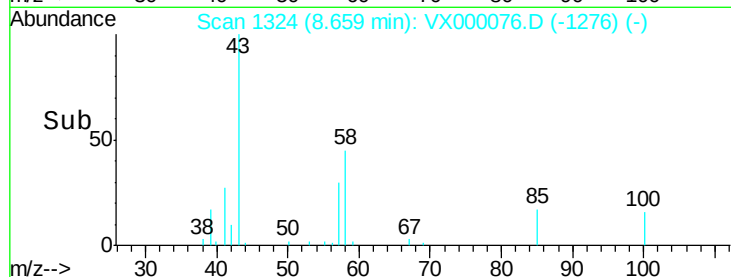
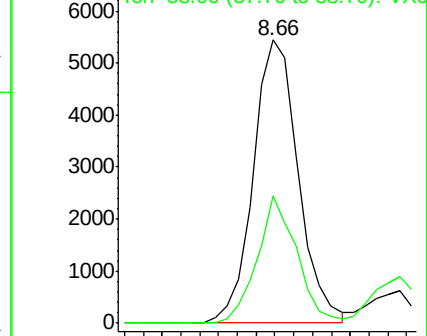
58 39.6 32.1 48.1

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



#52

Toluene

Concen: 0.84 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VX000076.D

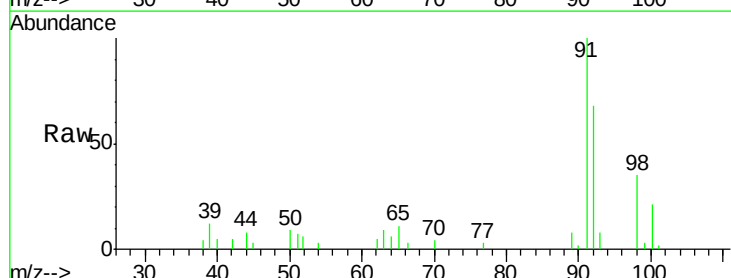
Acq: 13 Feb 2018 15:23

Tgt Ion: 92 Resp: 2514

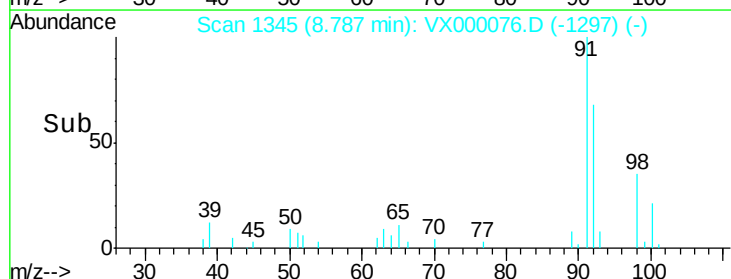
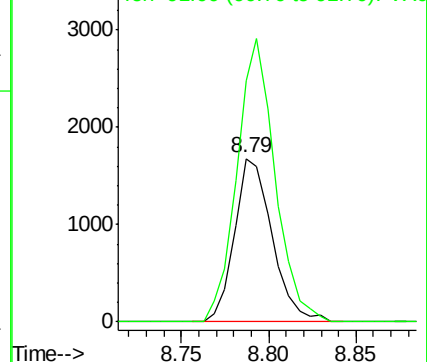
Ion Ratio Lower Upper

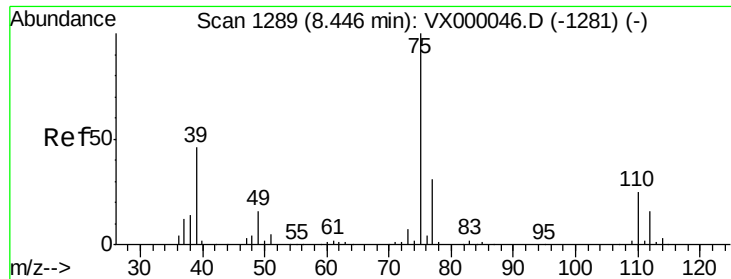
92 100

91 174.7 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VX0
Ion 91.00 (90.70 to 91.70): VX0





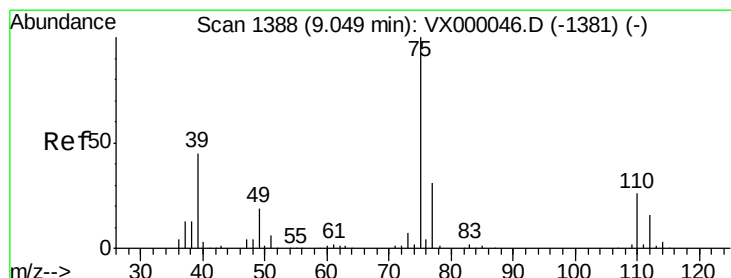
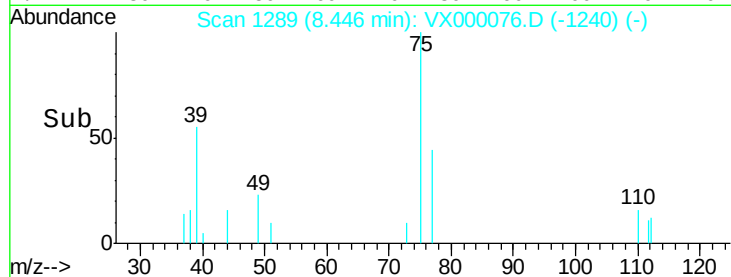
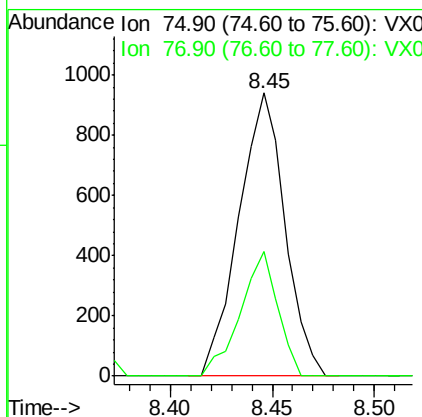
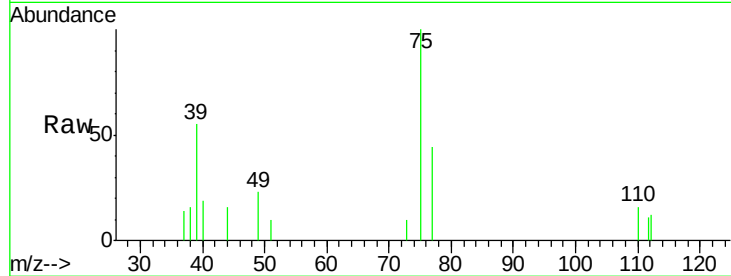
#53
 t-1,3-Dichloropropene
 Concen: 0.77 ug/l
 RT: 8.45 min Scan# 1289
 Delta R.T. 0.00 min
 Lab File: VX000076.D
 Acq: 13 Feb 2018 15:23

Instrument :
 ClientSampled :
 MDL04 0.75

Tot Ion: 75 Resp: 1477
 Ion Ratio Lower Upper
 75 100
 77 43.9 25.0 37.4#

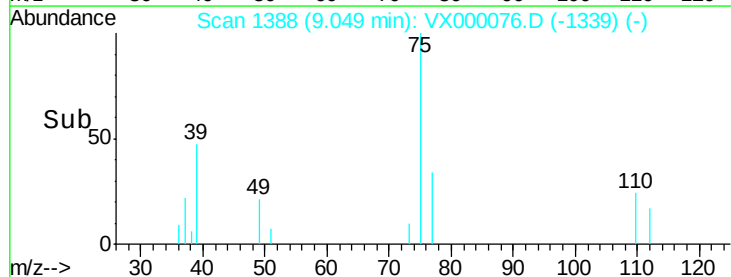
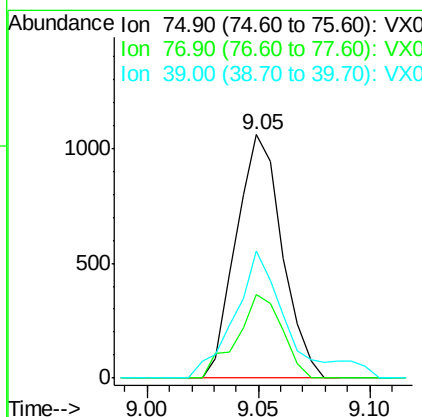
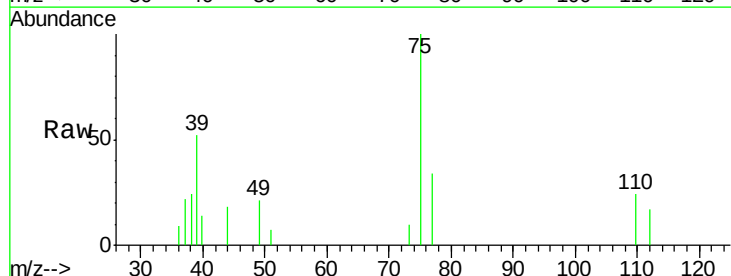
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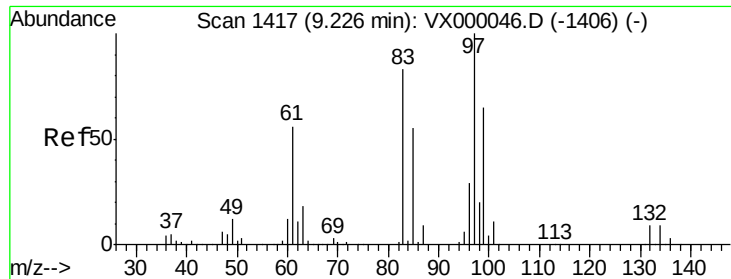
MMDadoda
 2/16/2018 2:28:00 PM



#54
 cis-1,3-Dichloropropene
 Concen: 0.82 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VX000076.D
 Acq: 13 Feb 2018 15:23

Tgt Ion: 75 Resp: 1524
 Ion Ratio Lower Upper
 75 100
 77 34.4 25.1 37.7
 39 52.1 36.1 54.1





#55

1,1,2-Trichloroethane

Concen: 0.77 ug/l

RT: 9.23 min Scan# 1418

Delta R.T. 0.01 min

Lab File: VX000076.D

Acq: 13 Feb 2018 15:23

Instrument :

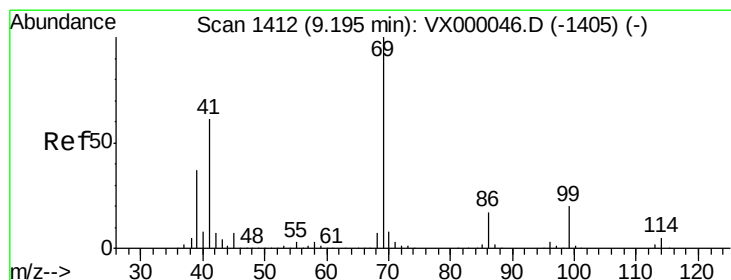
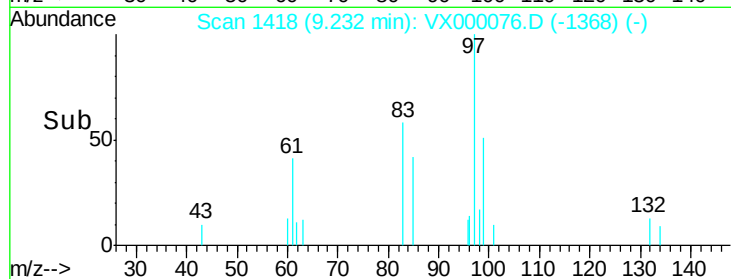
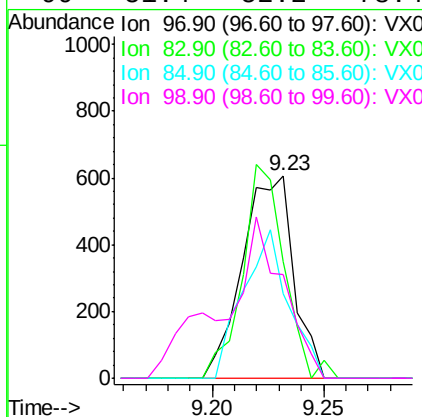
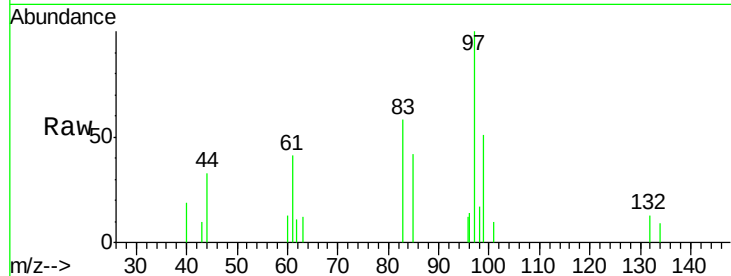
ClientSampled :

MDL04 0.75

Tot Ion	Ratio	Lower	Upper
97	100		
83	57.8	66.5	99.7#
85	41.8	43.8	65.6#
99	51.4	52.2	78.4#

Manual Integrations
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MMDadoda
2/16/2018 2:28:00 PM



#56

Ethyl methacrylate

Concen: 0.74 ug/l

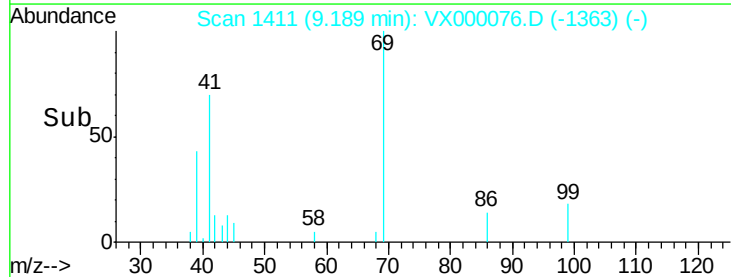
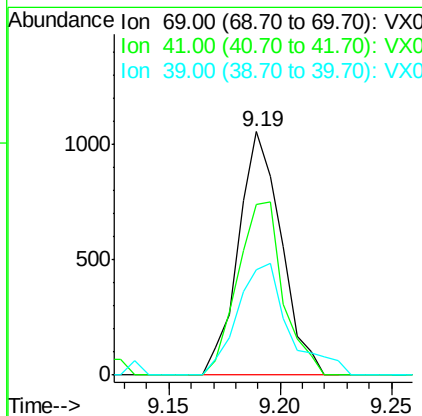
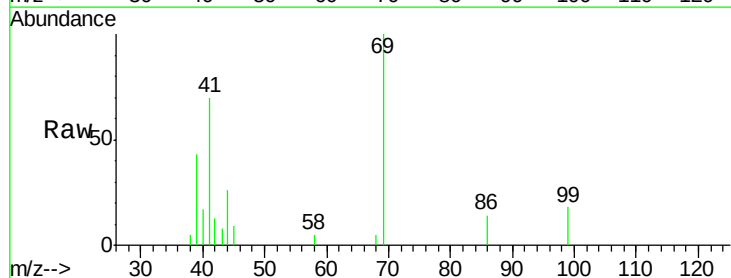
RT: 9.19 min Scan# 1411

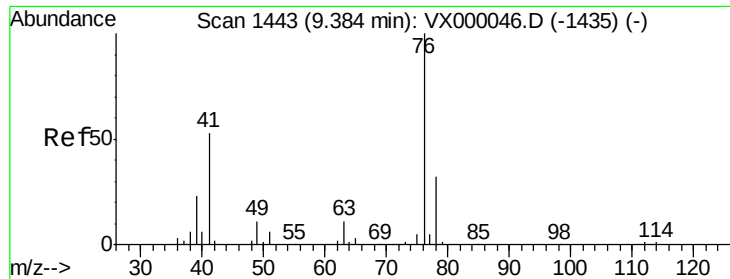
Delta R.T. -0.01 min

Lab File: VX000076.D

Acq: 13 Feb 2018 15:23

Tgt Ion	Ratio	Lower	Upper
69	100		
41	75.0	49.5	74.3#
39	54.5	29.9	44.9#





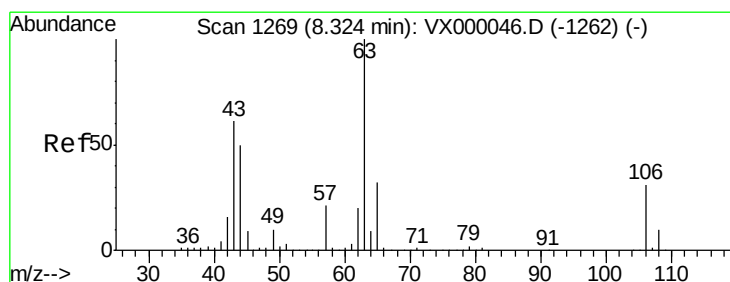
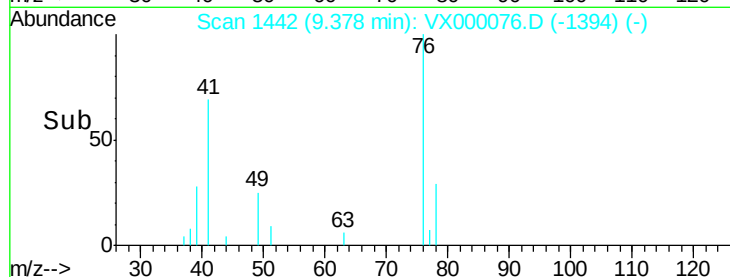
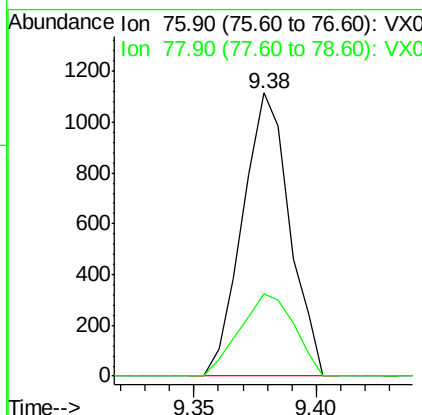
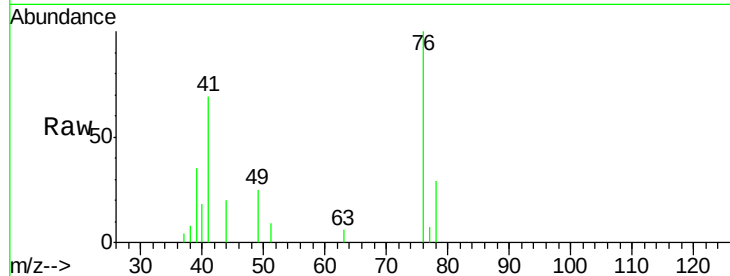
#57
 1,3-Dichloropropane
 Concen: 0.76 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: VX000076.D
 Acq: 13 Feb 2018 15:23

Instrument :
 ClientSampled :
 MDL04 0.75

Tot Ion: 76 Resp: 1497
 Ion Ratio Lower Upper
 76 100
 78 33.5 25.9 38.9

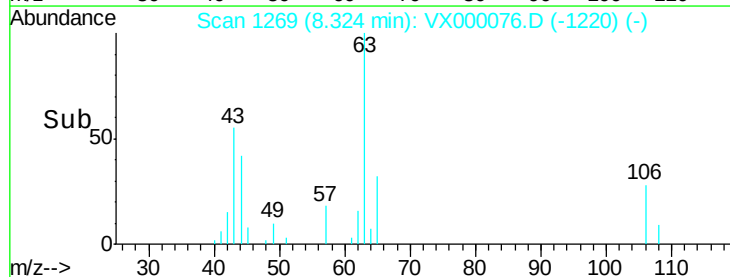
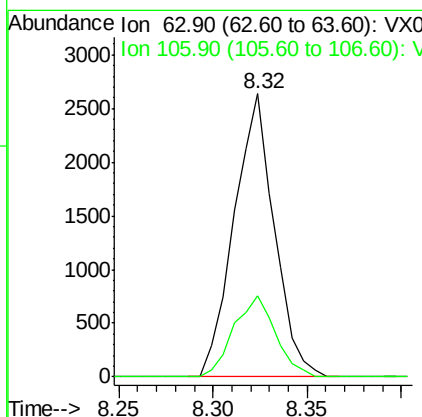
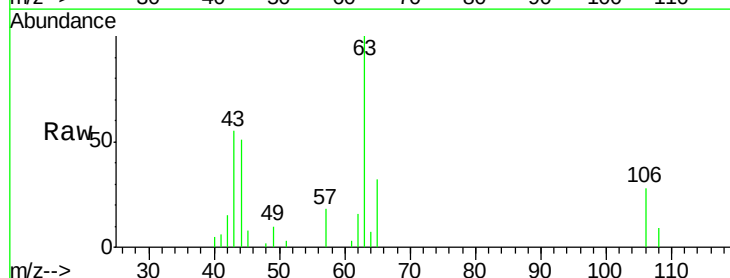
Manual Integrations
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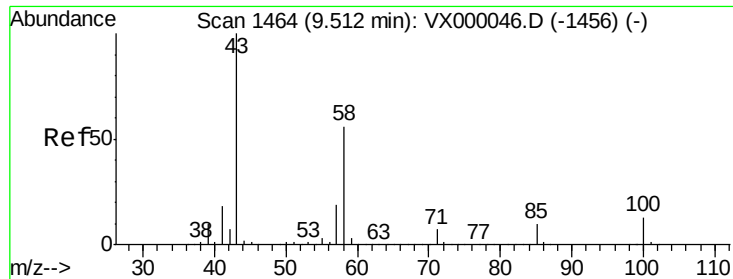
MMDadoda
 2/16/2018 2:28:00 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 4.09 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VX000076.D
 Acq: 13 Feb 2018 15:23

Tgt Ion: 63 Resp: 3902
 Ion Ratio Lower Upper
 63 100
 106 29.6 24.7 37.1





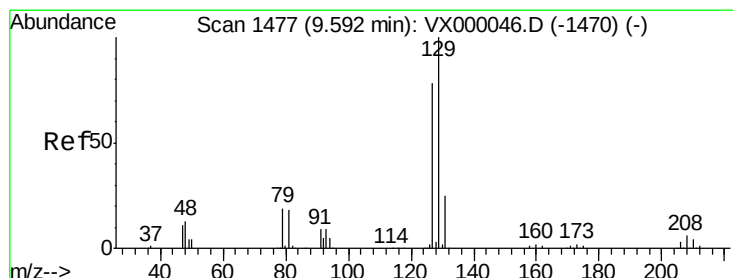
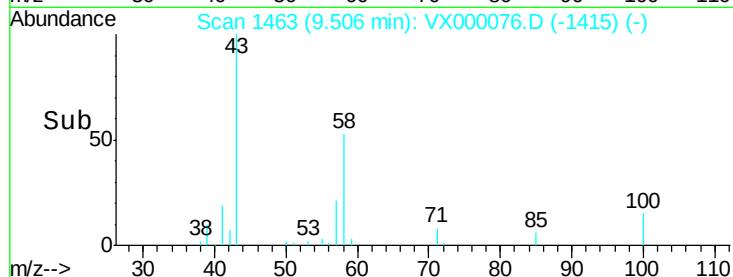
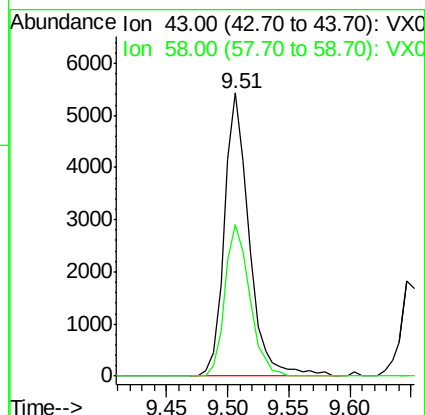
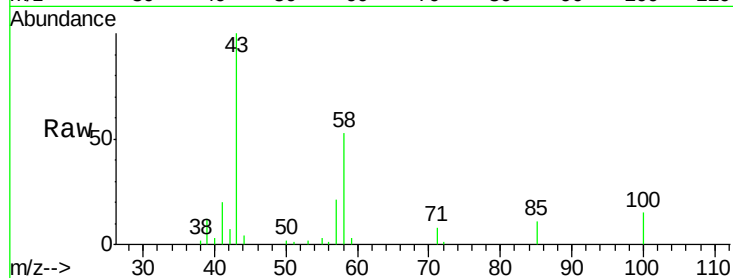
#59
2-Hexanone
Concen: 4.35 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.01 min
Lab File: VX000076.D
Acq: 13 Feb 2018 15:23

Instrument :
ClientSampled :
MDL04 0.75

Tot Ion: 43 Resp: 7597
Ion Ratio Lower Upper
43 100
58 53.7 27.6 82.7

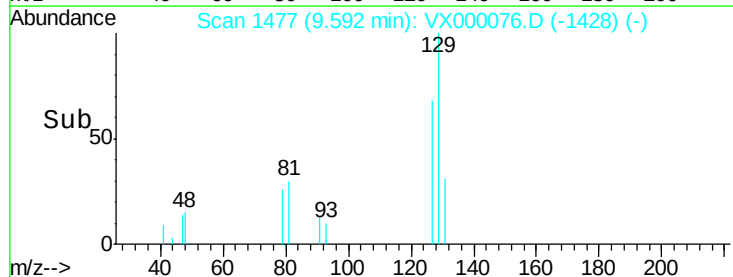
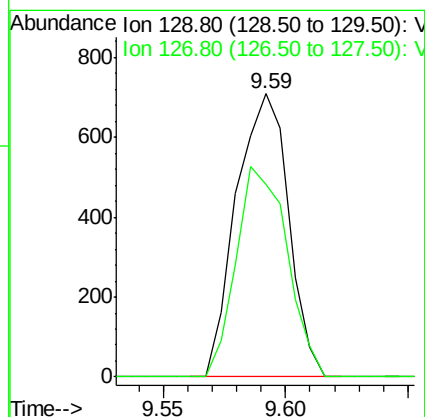
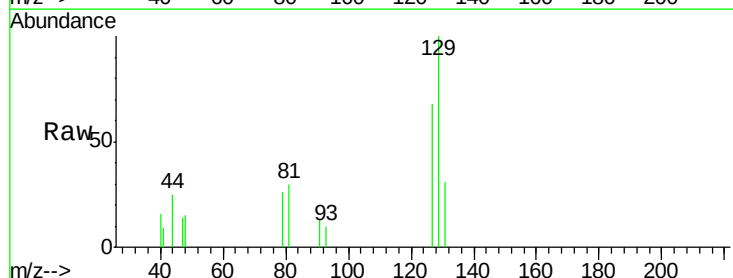
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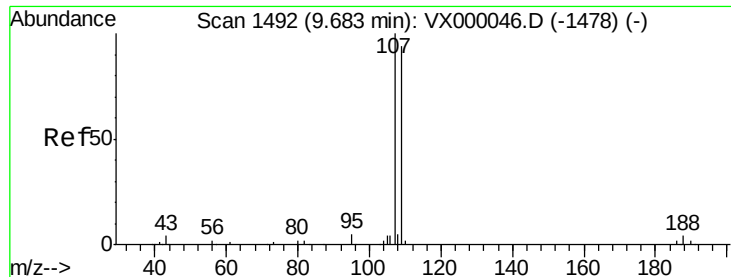
MMDadoda
2/16/2018 2:28:00 PM



#60
Dibromochloromethane
Concen: 0.73 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000076.D
Acq: 13 Feb 2018 15:23

Tgt Ion: 129 Resp: 1054
Ion Ratio Lower Upper
129 100
127 72.5 38.6 115.8





#61

1,2-Dibromoethane

Concen: 0.72 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.01 min

Lab File: VX000076.D

Acq: 13 Feb 2018 15:23

Instrument :

ClientSampled :

MDL04 0.75

Tot Ion:107 Resp: 996

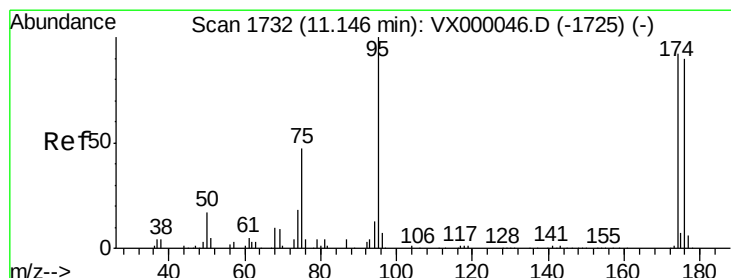
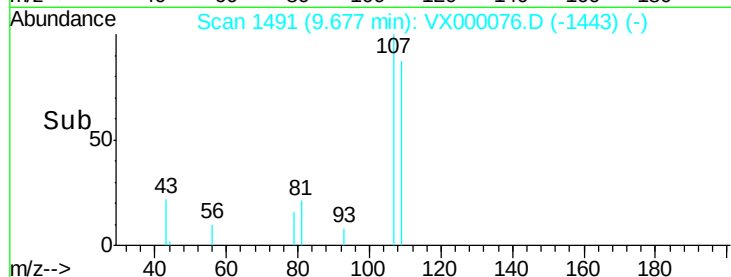
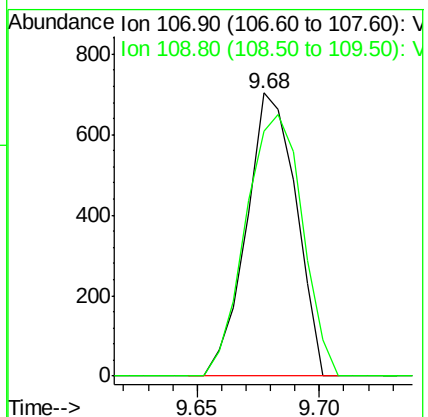
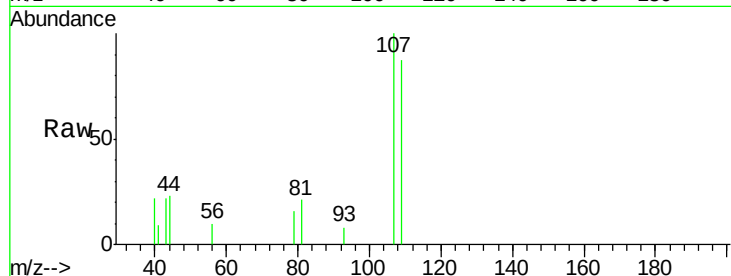
Ion Ratio Lower Upper

107 100

109 105.8 74.6 111.8

Manual Integrations
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2/16/2018 2:28:00 PM



#62

4-Bromofluorobenzene

Concen: 48.14 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000076.D

Acq: 13 Feb 2018 15:23

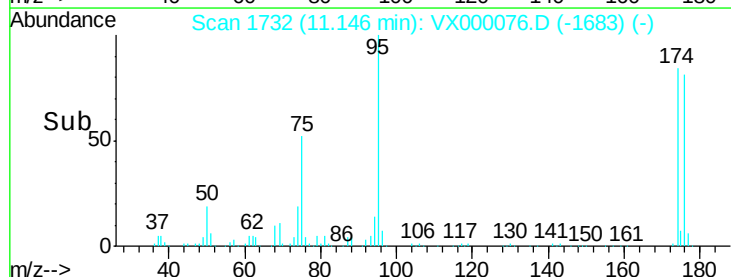
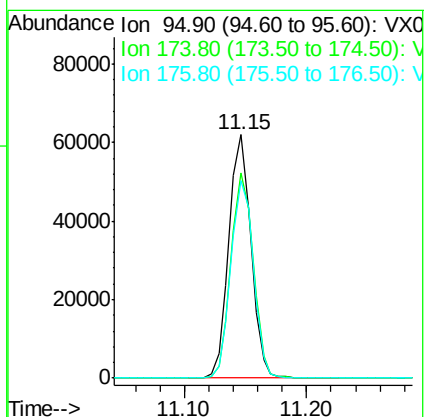
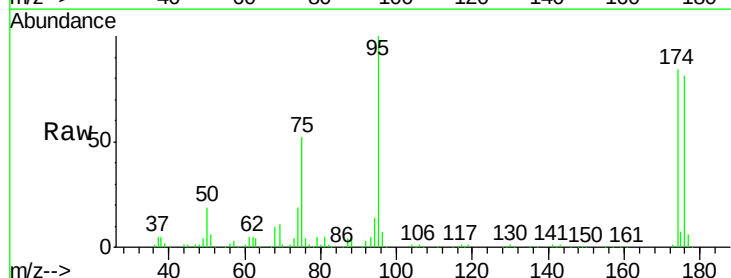
Tgt Ion: 95 Resp: 77347

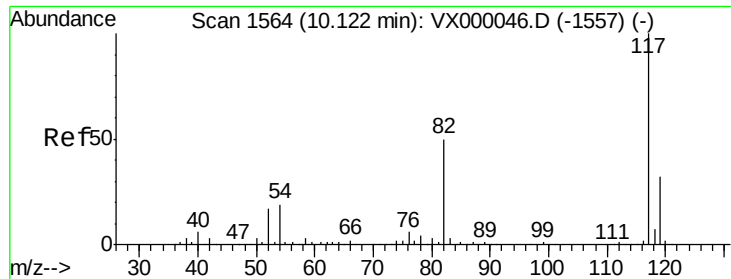
Ion Ratio Lower Upper

95 100

174 85.0 0.0 185.6

176 83.0 0.0 181.8





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. 0.00 min

Lab File: VX000076.D

Acq: 13 Feb 2018 15:23

Instrument :

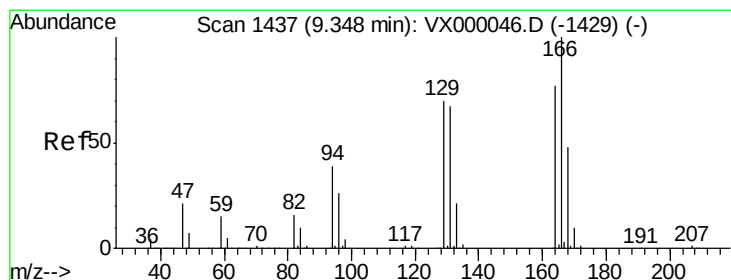
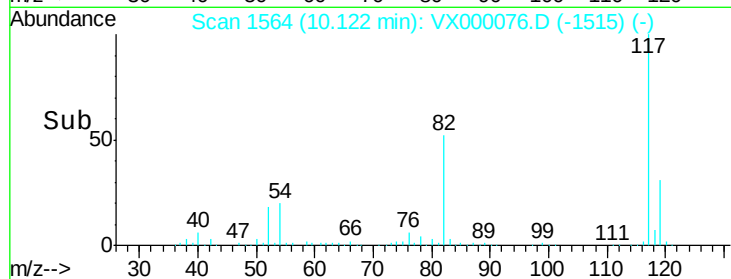
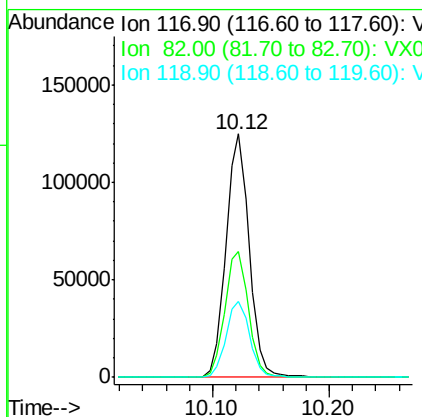
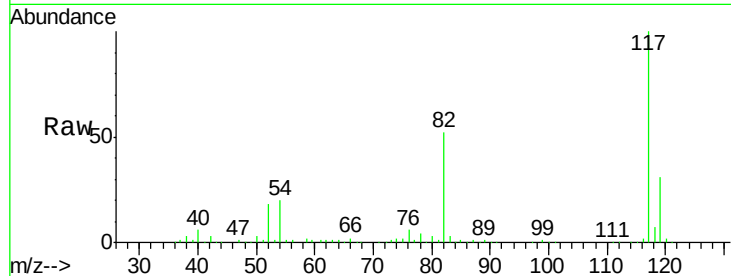
ClientSampled :

MDL04 0.75

Tot Ion:	117	Resp:	171986
Ion Ratio	Lower	Upper	
117	100		
82	51.6	40.3	60.5
119	31.4	25.3	37.9

Manual Integrations
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2/16/2018 2:28:00 PM



#64

Tetrachloroethene

Concen: 0.74 ug/l

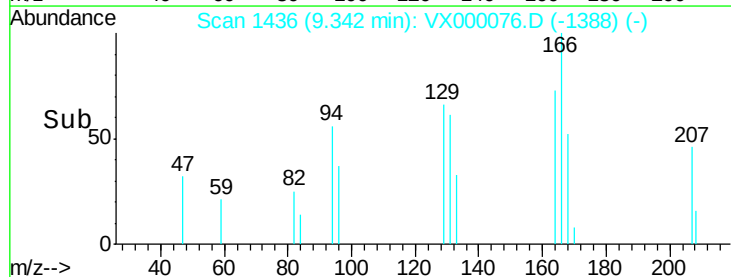
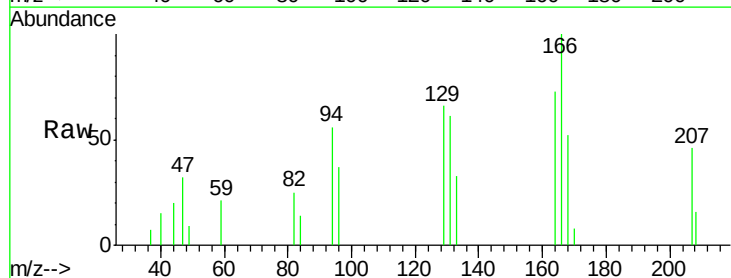
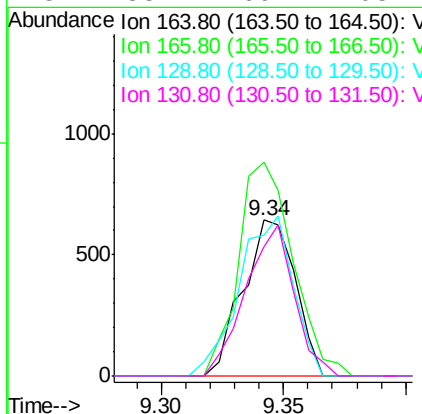
RT: 9.34 min Scan# 1436

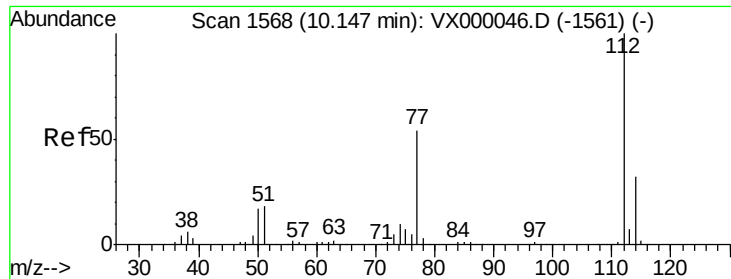
Delta R.T. -0.01 min

Lab File: VX000076.D

Acq: 13 Feb 2018 15:23

Tgt Ion:	164	Resp:	951
Ion Ratio	Lower	Upper	
164	100		
166	137.0	103.7	155.5
129	90.0	72.2	108.4
131	83.4	69.1	103.7





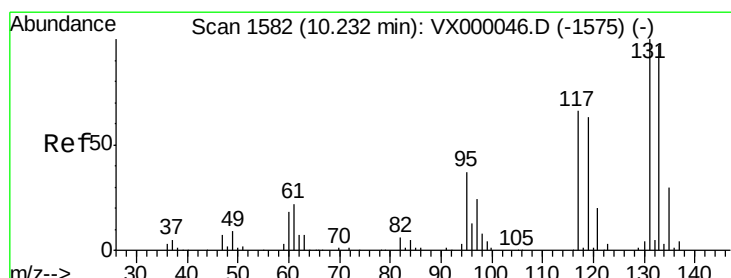
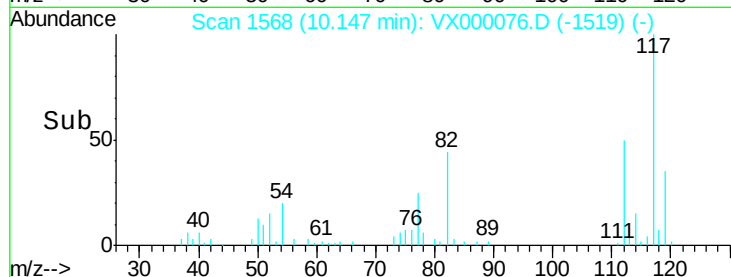
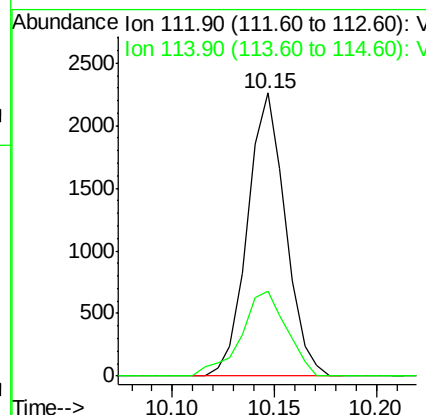
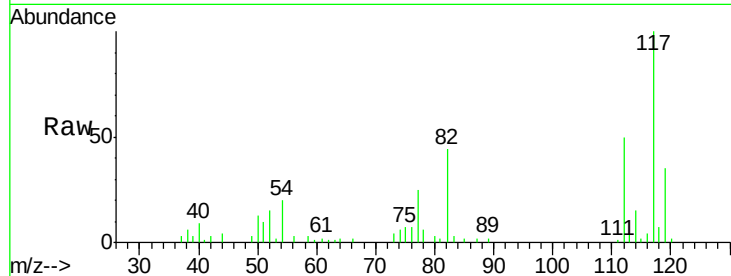
#65
Chlorobenzene
Concen: 0.82 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX000076.D
Acq: 13 Feb 2018 15:23

Instrument :
ClientSampled :
MDL04 0.75

Tot Ion:112 Resp: 2922
Ion Ratio Lower Upper
112 100
114 29.9 25.6 38.4

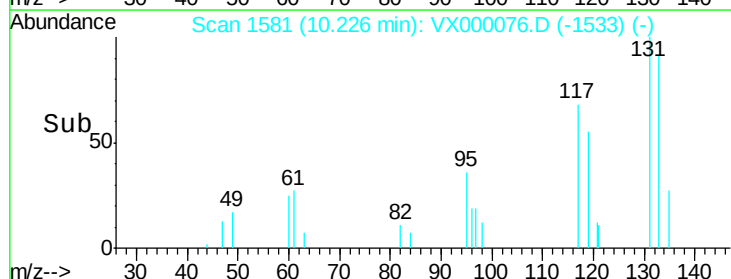
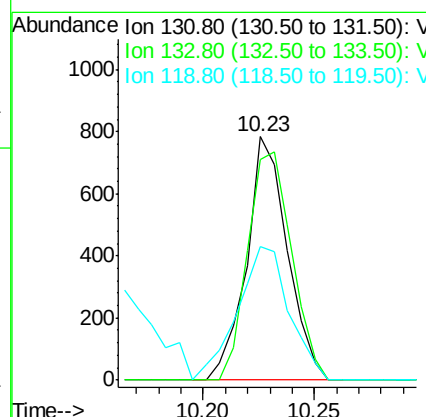
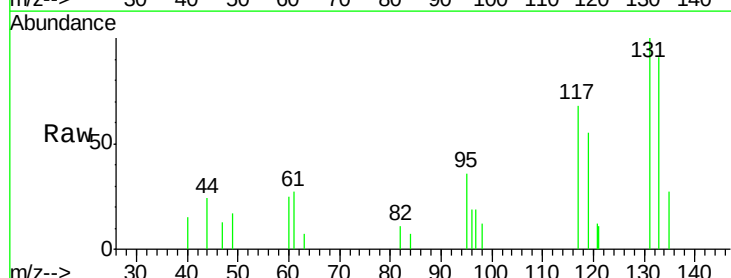
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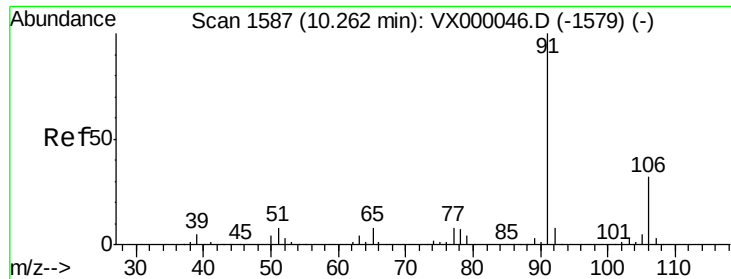
MMDadoda
2/16/2018 2:28:00 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 0.78 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.01 min
Lab File: VX000076.D
Acq: 13 Feb 2018 15:23

Tgt Ion:131 Resp: 1001
Ion Ratio Lower Upper
131 100
133 101.5 47.6 142.9
119 0.0 31.7 95.1#





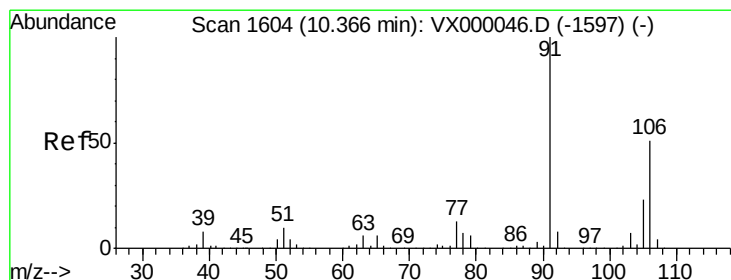
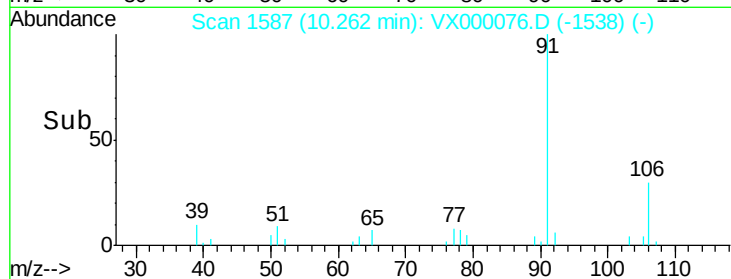
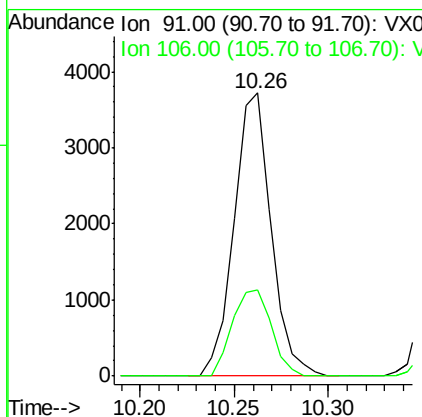
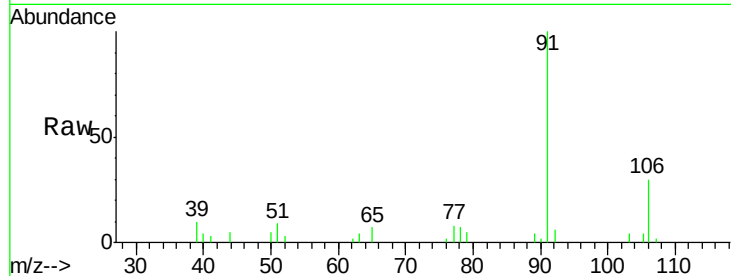
#67
Ethyl Benzene
Concen: 0.86 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. 0.00 min
Lab File: VX000076.D
Acq: 13 Feb 2018 15:23

Instrument :
Client Sampled :
MDL04 0.75

Tot Ion: 91 Resp: 5082
Ion Ratio Lower Upper
91 100
106 30.3 25.9 38.9

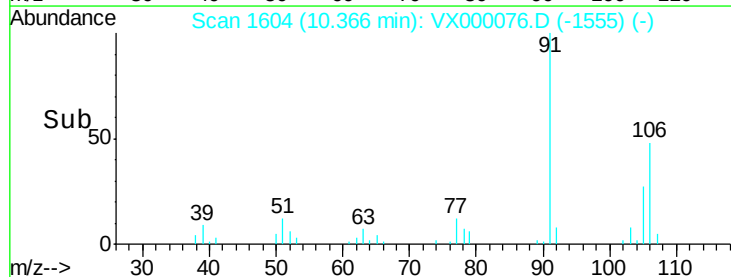
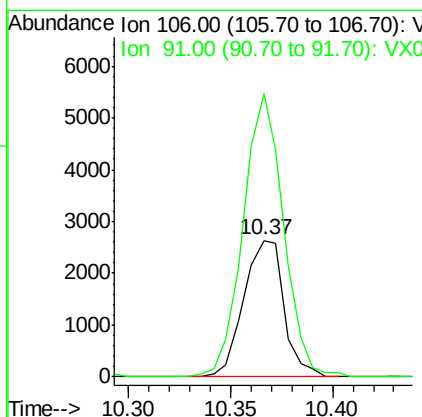
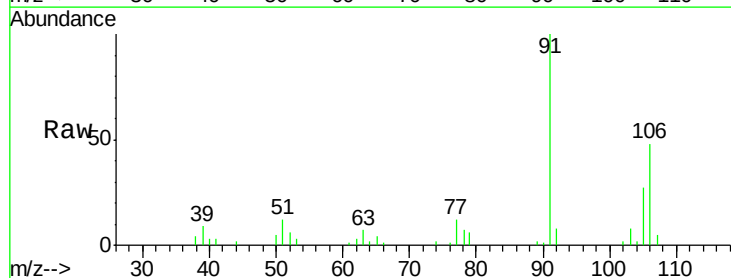
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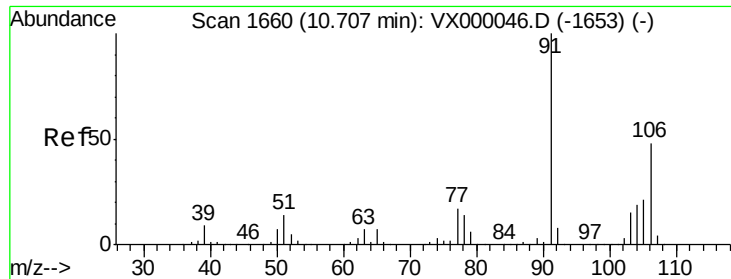
MMDadoda
2/16/2018 2:28:00 PM



#68
m/p-Xylenes
Concen: 1.54 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX000076.D
Acq: 13 Feb 2018 15:23

Tgt Ion: 106 Resp: 3624
Ion Ratio Lower Upper
106 100
91 207.8 158.3 237.5





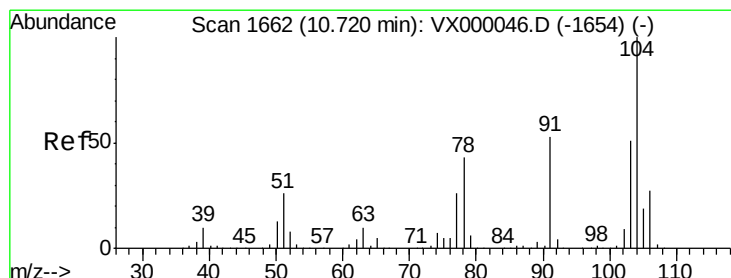
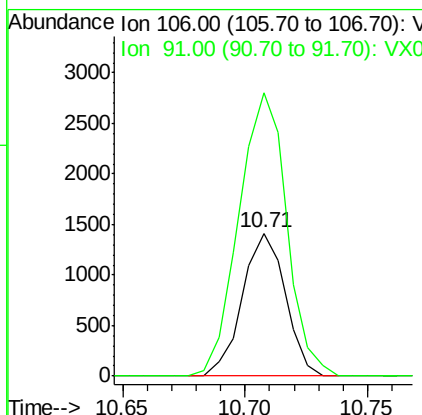
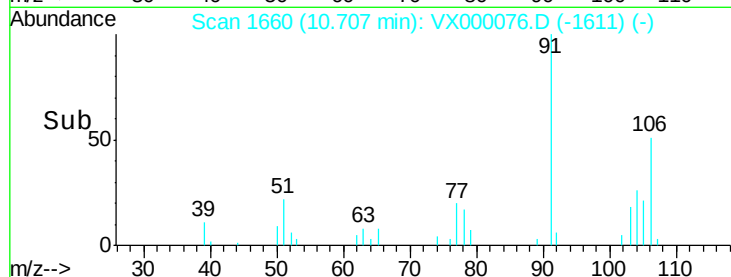
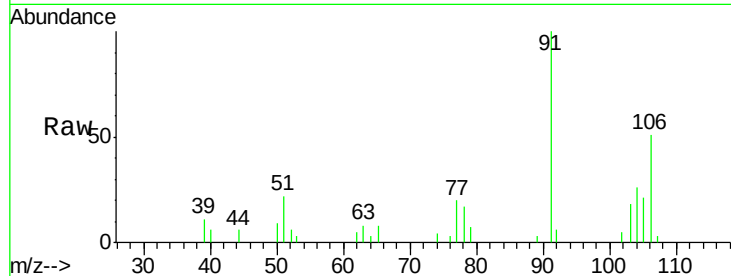
#69
o-Xylene
Concen: 0.76 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000076.D
Acq: 13 Feb 2018 15:23

Instrument :
Client Sampled :
MDL04 0.75

Tot Ion:106 Resp: 1738
Ion Ratio Lower Upper
106 100
91 219.5 104.0 312.0

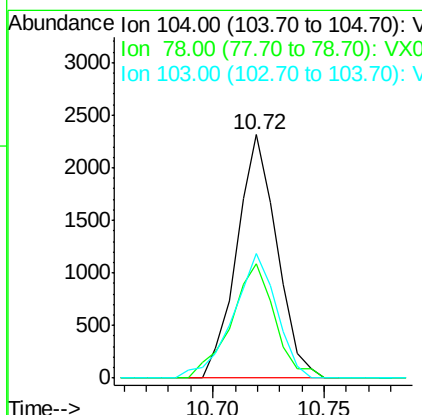
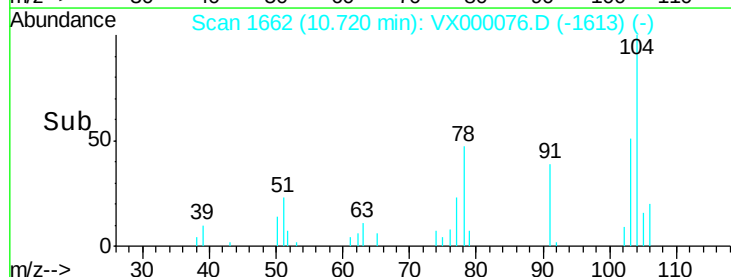
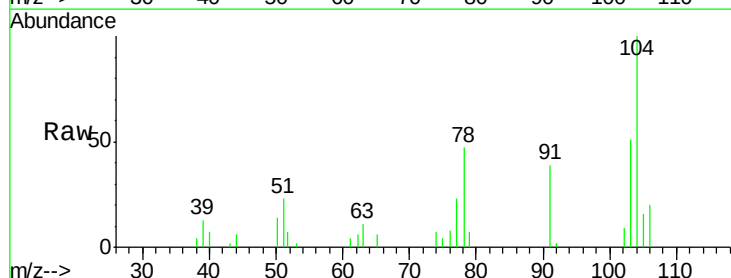
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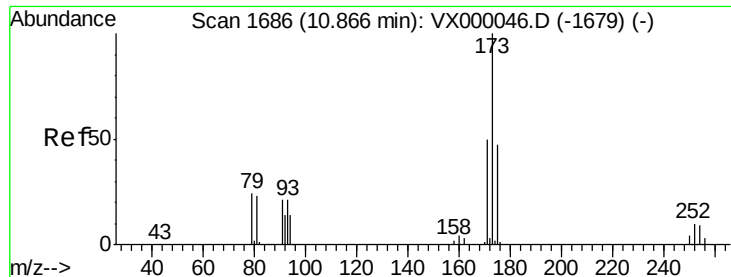
MMDadoda
2/16/2018 2:28:00 PM



#70
Styrene
Concen: 0.75 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000076.D
Acq: 13 Feb 2018 15:23

Tgt Ion:104 Resp: 2897
Ion Ratio Lower Upper
104 100
78 51.2 37.7 56.5
103 55.3 44.0 66.0





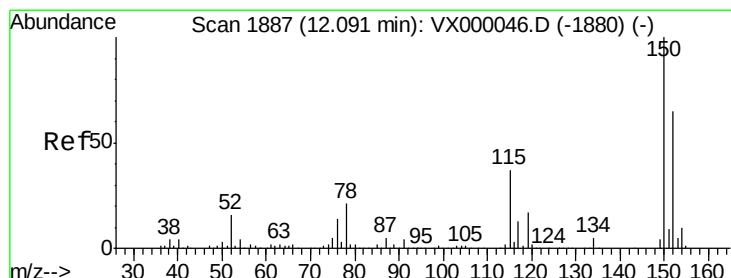
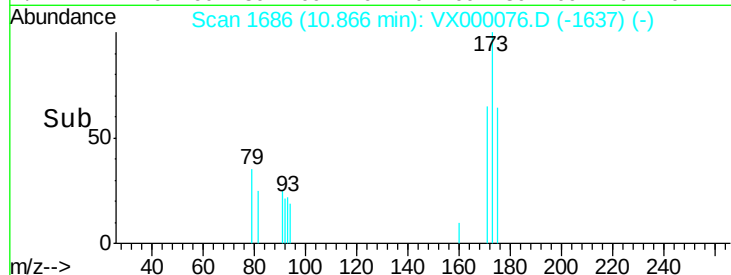
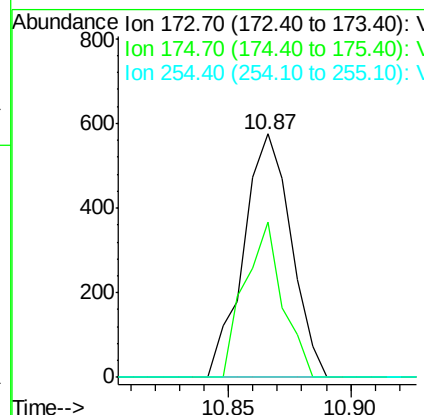
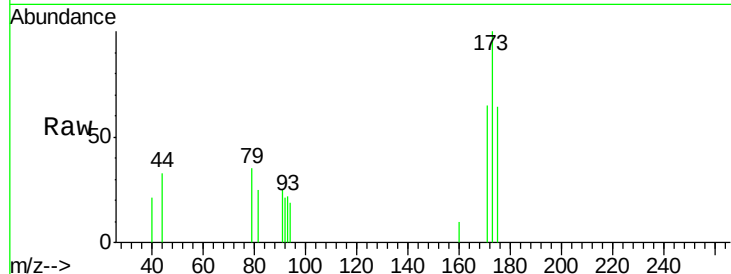
#71
Bromoform
Concen: 0.64 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VX000076.D
Acq: 13 Feb 2018 15:23

Instrument :
ClientSampled :
MDL04 0.75

Tot Ion	Ratio	Lower	Upper
173	100		
175	51.1	23.9	71.8
254	0.0	0.1	0.1

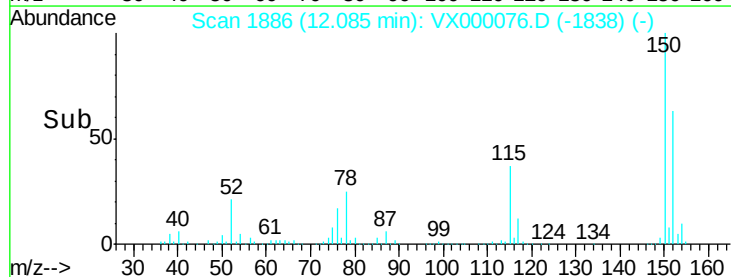
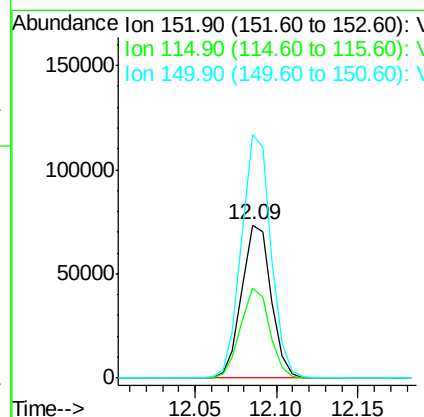
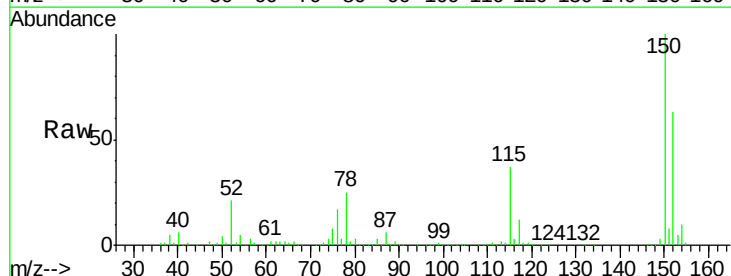
Manual Integrations
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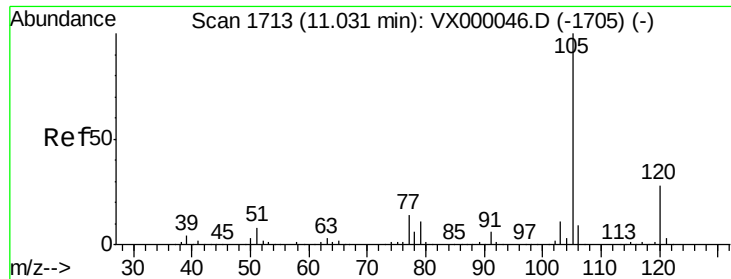
MMDadoda
2/16/2018 2:28:00 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.01 min
Lab File: VX000076.D
Acq: 13 Feb 2018 15:23

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.2	39.3	117.8
150	158.2	0.0	349.2





#73

Isopropylbenzene

Concen: 0.83 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.01 min

Lab File: VX000076.D

Acq: 13 Feb 2018 15:23

Instrument :

ClientSampled :

MDL04 0.75

Tot Ion: 105 Resp: 4895

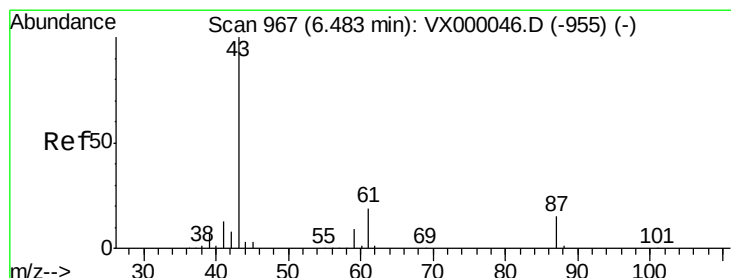
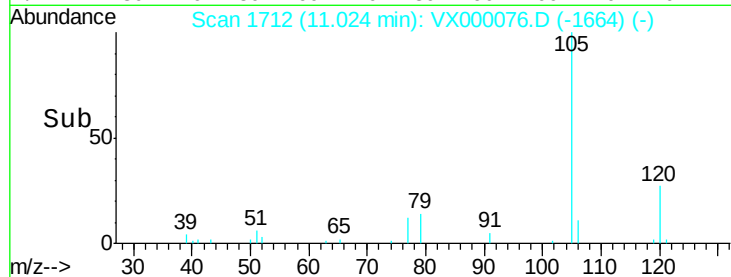
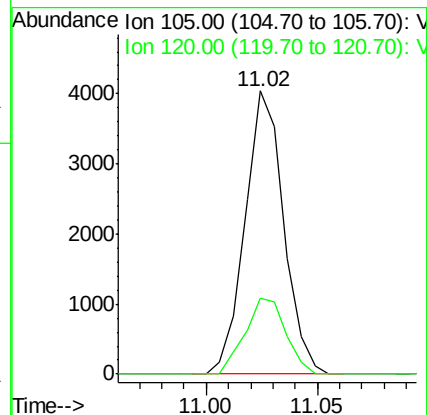
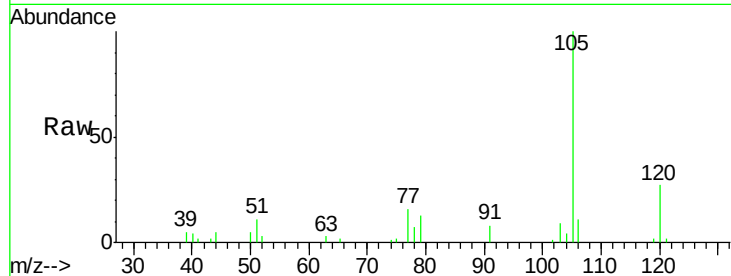
Ion Ratio Lower Upper

105 100

120 28.2 13.8 41.3

Manual Integrations
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2/16/2018 2:28:00 PM



#74

N-ethyl acetate

Concen: 0.93 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.01 min

Lab File: VX000076.D

Acq: 13 Feb 2018 15:23

Tgt Ion: 43 Resp: 2757

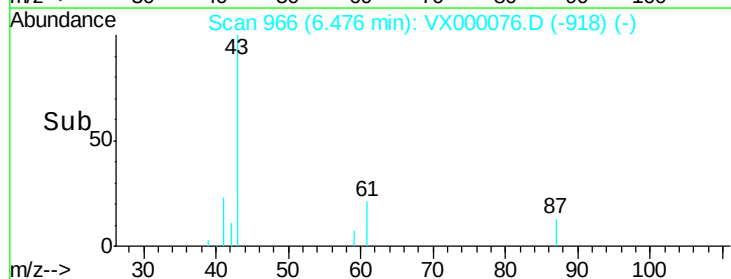
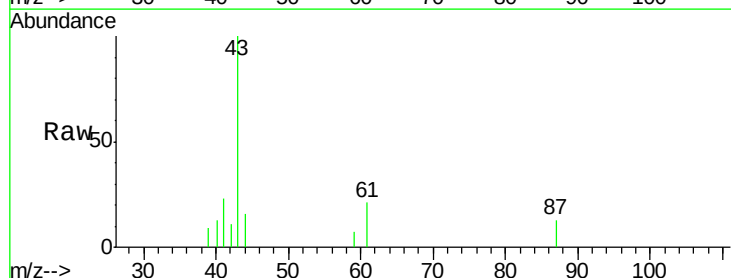
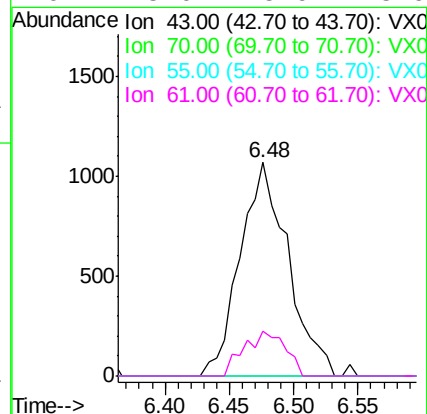
Ion Ratio Lower Upper

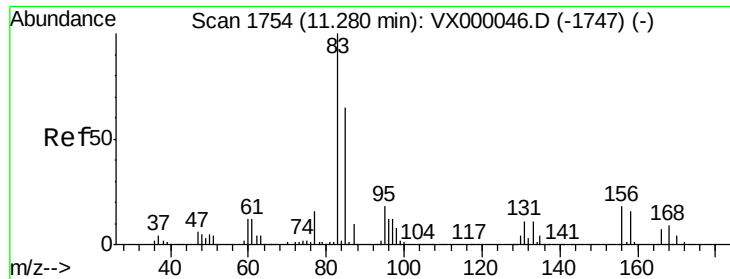
43 100

70 0.0 0.0 0.0

55 0.0 0.1 0.1#

61 18.0 15.9 23.9





#75

1,1,2,2-Tetrachloroethane

Concen: 0.85 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.01 min

Lab File: VX000076.D

Acq: 13 Feb 2018 15:23

Instrument :

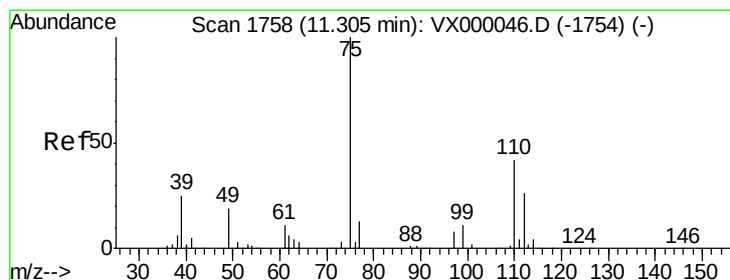
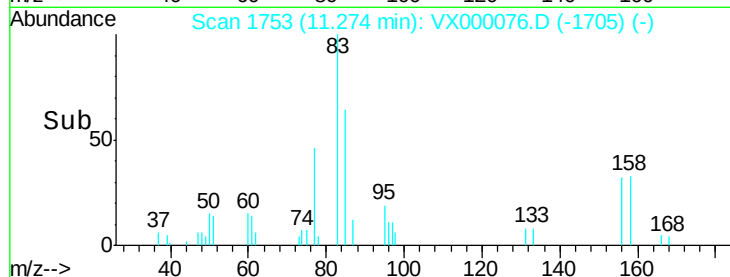
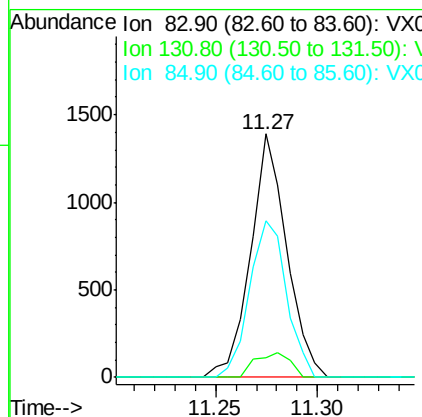
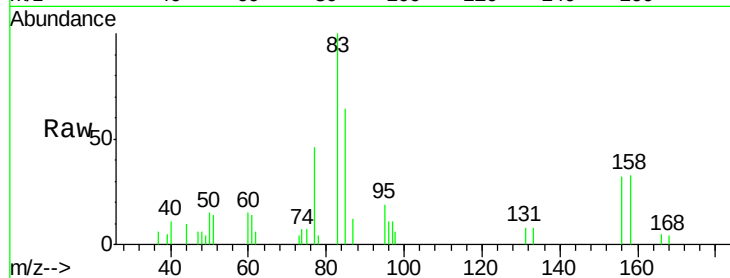
ClientSampled :

MDL04 0.75

Tot Ion:	83	Resp:	1711
Ion Ratio	Lower	Upper	
83	100		
131	9.7	5.5	16.7
85	65.6	32.6	97.7

Manual Integrations
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2/16/2018 2:28:00 PM



#76

1,2,3-Trichloropropane

Concen: 0.94 ug/l m

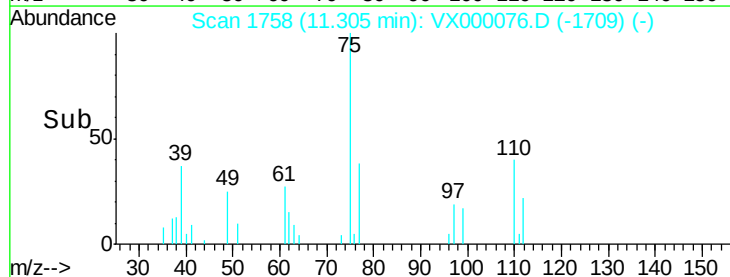
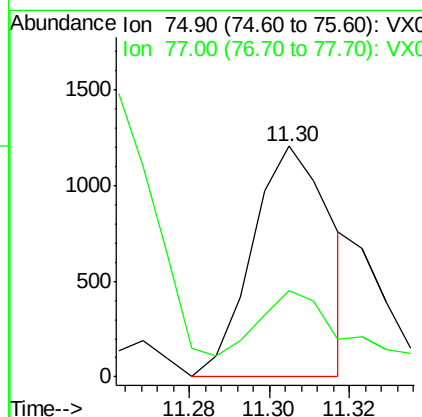
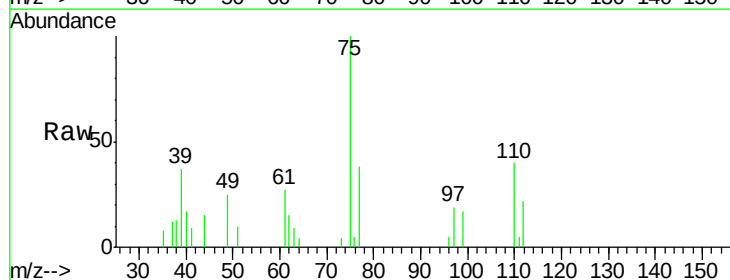
RT: 11.30 min Scan# 1758

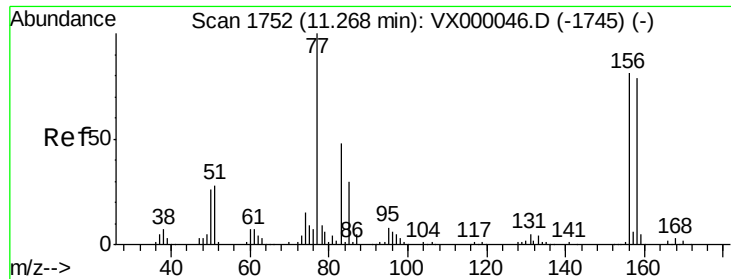
Delta R.T. 0.00 min

Lab File: VX000076.D

Acq: 13 Feb 2018 15:23

Tgt Ion:	75	Resp:	1645
Ion Ratio	Lower	Upper	
75	100		
77	45.4	23.7	71.1





#77

Bromobenzene

Concen: 0.86 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.01 min

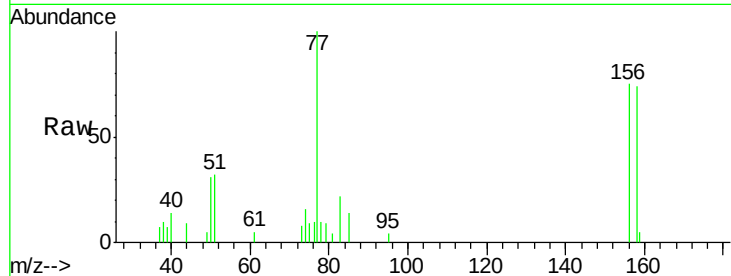
Lab File: VX000076.D

Acq: 13 Feb 2018 15:23

Instrument :

ClientSampled :

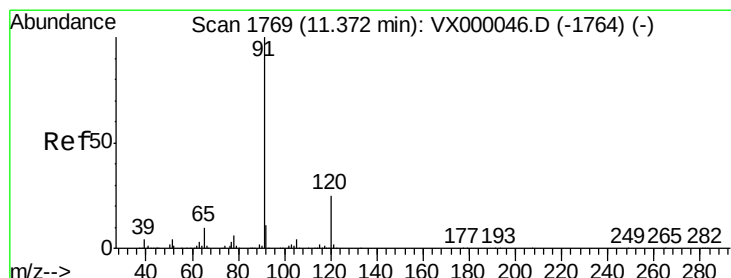
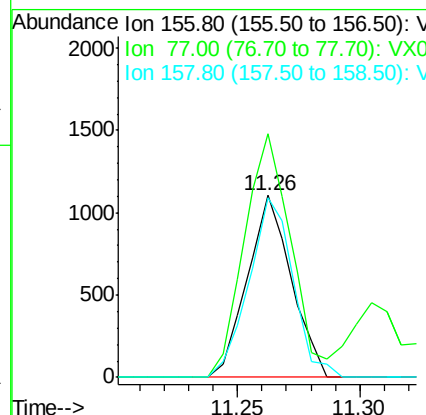
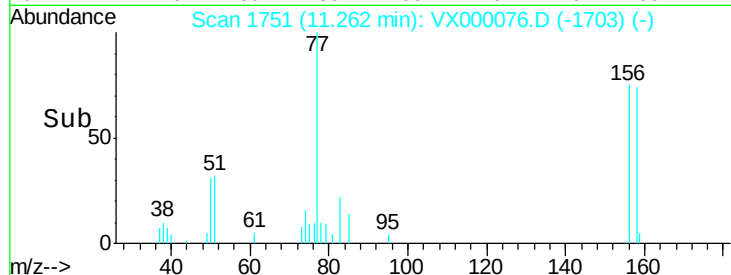
MDL04 0.75



Tot Ion:	156	Resp:	1385
Ion Ratio	Lower	Upper	
156	100		
77	141.4	66.2	198.6
158	99.2	48.6	145.9

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#78

n-propylbenzene

Concen: 0.84 ug/l

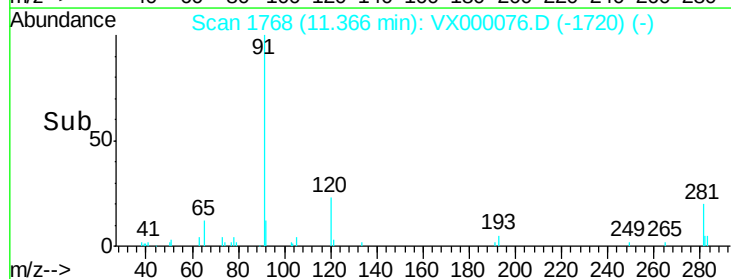
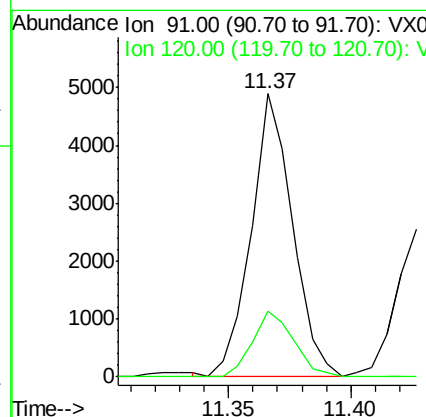
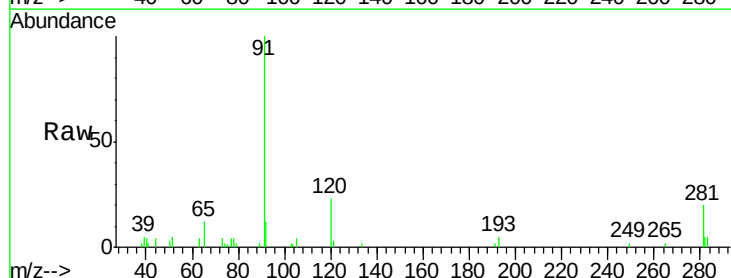
RT: 11.37 min Scan# 1768

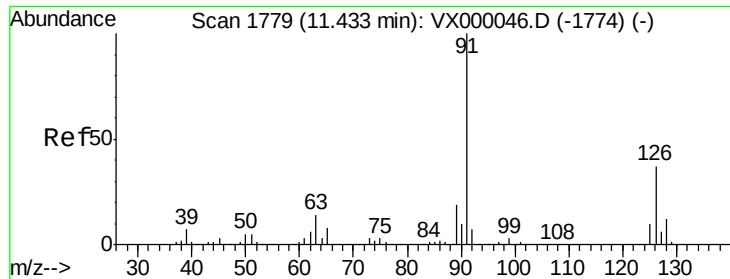
Delta R.T. -0.01 min

Lab File: VX000076.D

Acq: 13 Feb 2018 15:23

Tgt Ion:	91	Resp:	5741
Ion Ratio	Lower	Upper	
91	100		
120	23.3	12.2	36.6





#79

2-Chlorotoluene

Concen: 0.90 ug/l

RT: 11.43 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX000076.D

Acq: 13 Feb 2018 15:23

Instrument :

ClientSampled :

MDL04 0.75

Tot Ion: 91 Resp: 3570

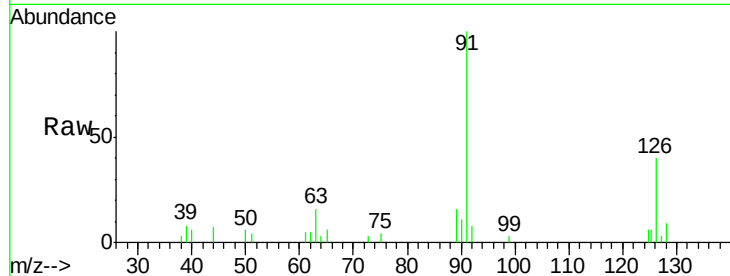
Ion Ratio Lower Upper

91 100

126 36.7 18.2 54.6

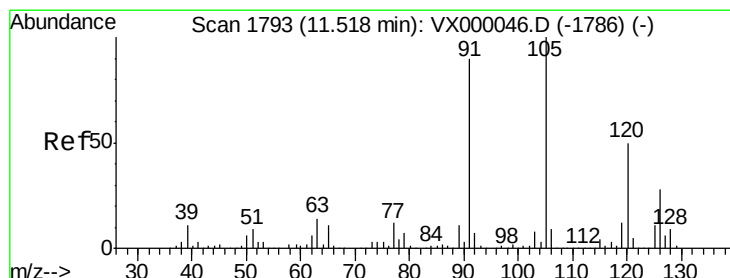
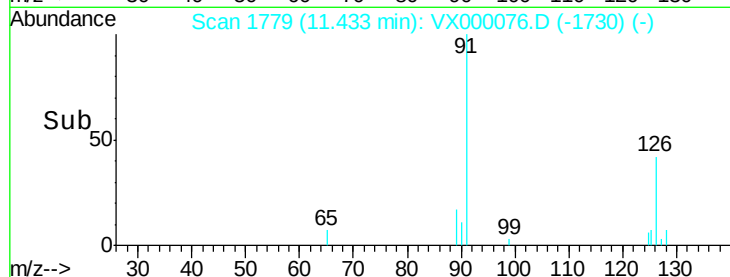
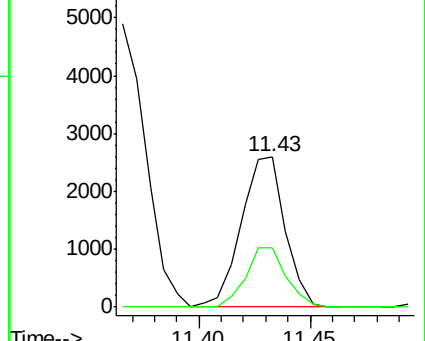
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Abundance Ion 91.00 (90.70 to 91.70): VX000046.D (-1774) (-)

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



#80

1,3,5-Trimethylbenzene

Concen: 0.79 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX000076.D

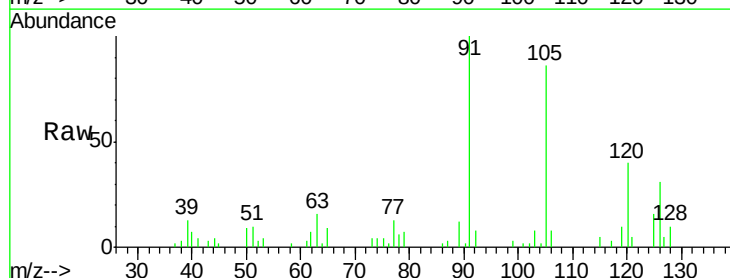
Acq: 13 Feb 2018 15:23

Tgt Ion: 105 Resp: 3916

Ion Ratio Lower Upper

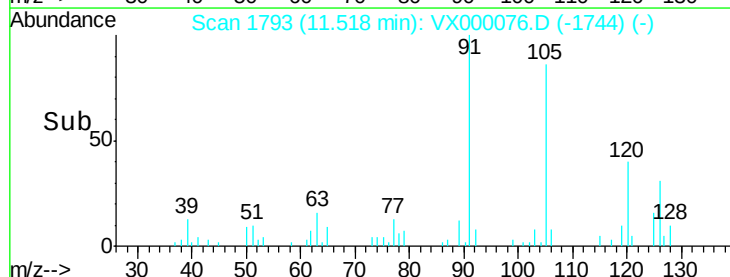
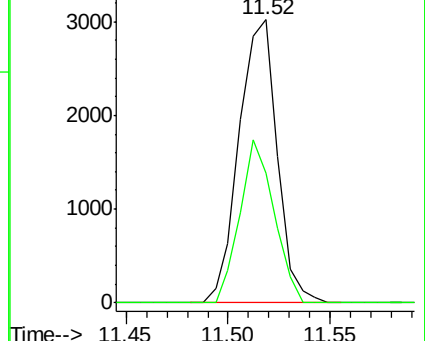
105 100

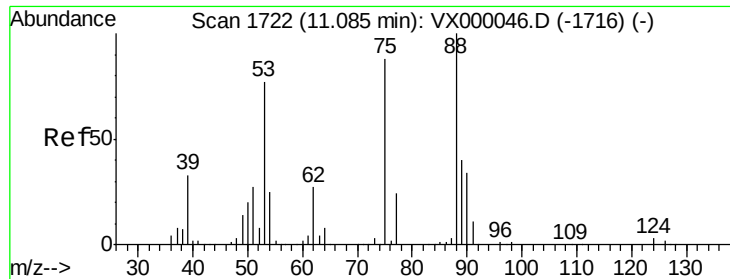
120 51.4 24.8 74.3



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

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





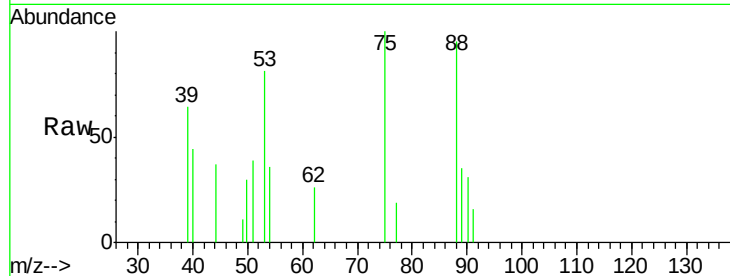
#81
trans-1,4-Dichloro-2-butene
Concen: 0.81 ug/l m
RT: 11.08 min Scan# 1721
Delta R.T. -0.01 min
Lab File: VX000076.D
Acq: 13 Feb 2018 15:23

Instrument :
Client Sampled :
MDL04 0.75

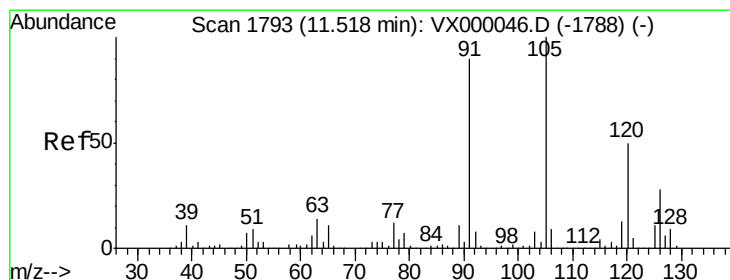
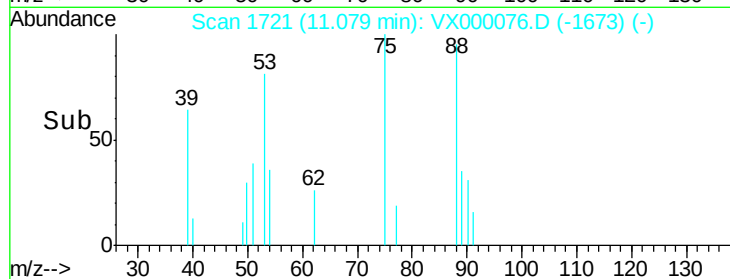
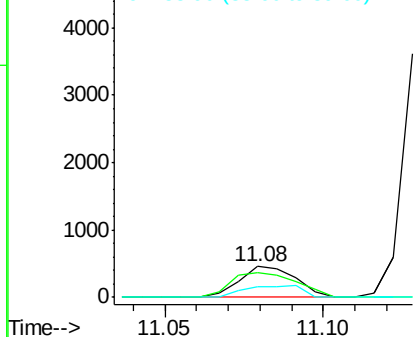
Tot Ion: 75 Resp: 573
Ion Ratio Lower Upper
75 100
53 0.0 70.3 105.5#
89 0.0 48.6 72.8#

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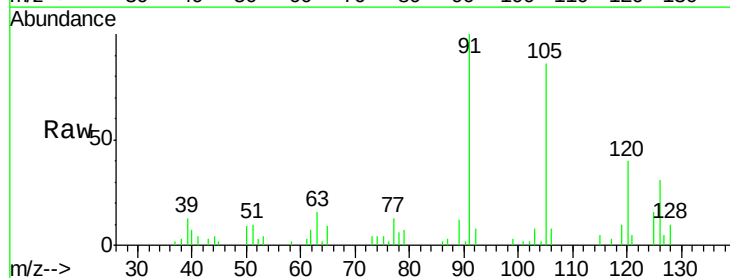


Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0

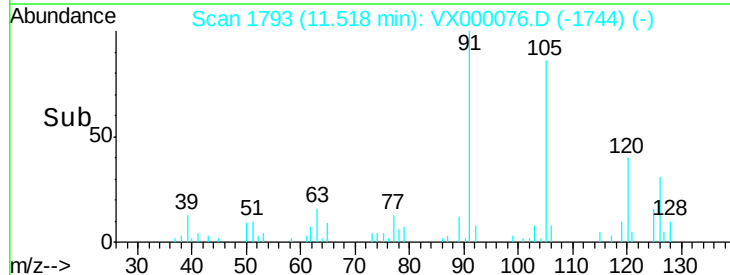
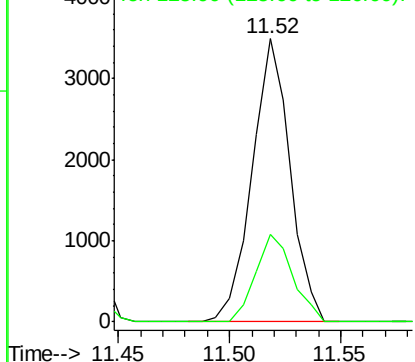


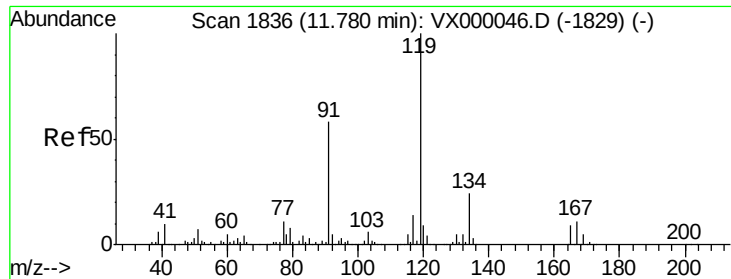
#82
4-Chlorotoluene
Concen: 0.88 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VX000076.D
Acq: 13 Feb 2018 15:23

Tgt Ion: 91 Resp: 4144
Ion Ratio Lower Upper
91 100
126 30.6 16.3 48.8



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V





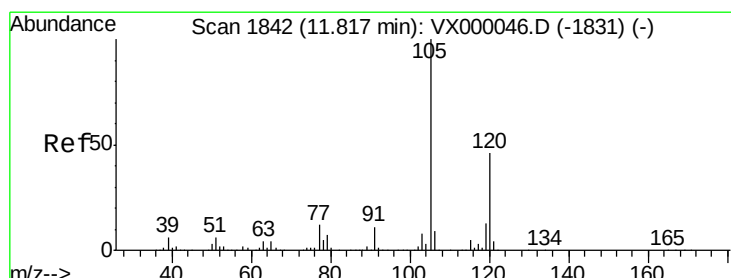
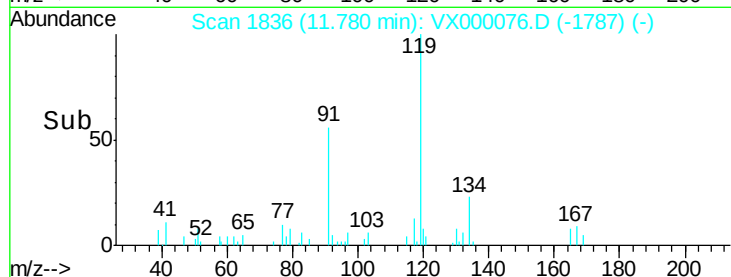
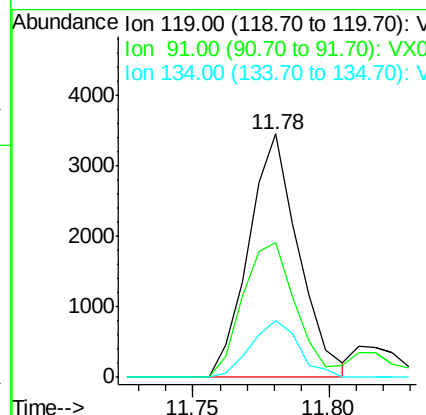
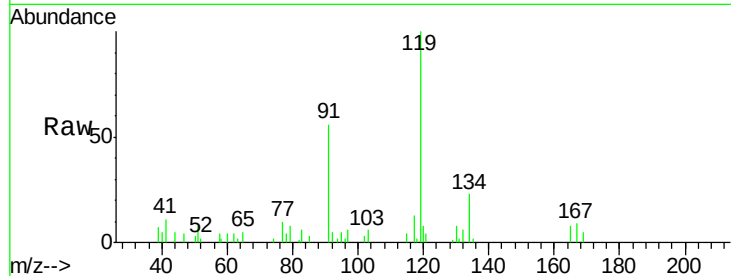
#83
 tert-Butylbenzene
 Concen: 0.88 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. 0.00 min
 Lab File: VX000076.D
 Acq: 13 Feb 2018 15:23

Instrument :
 ClientSampled :
 MDL04 0.75

Tot Ion	Ratio	Lower	Upper
119	100		
91	59.5	27.9	83.7
134	22.2	11.7	35.1

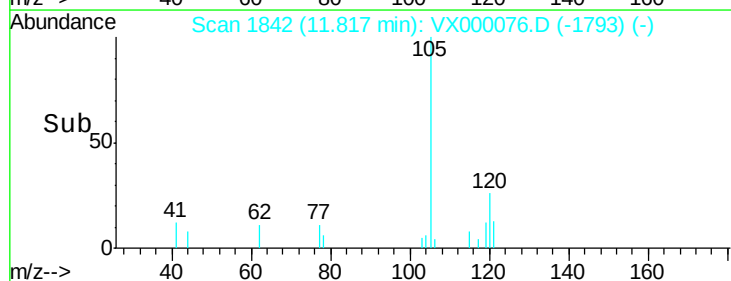
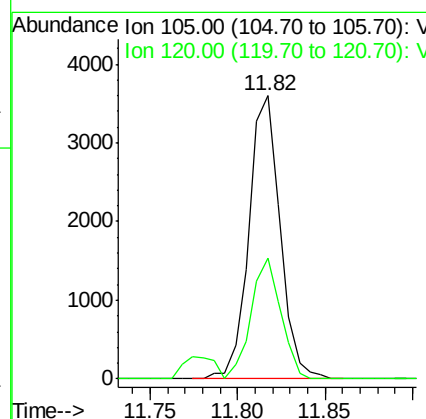
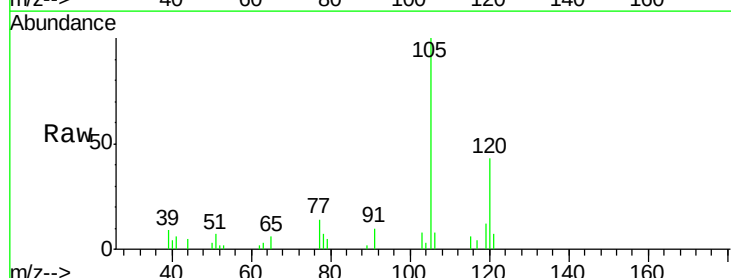
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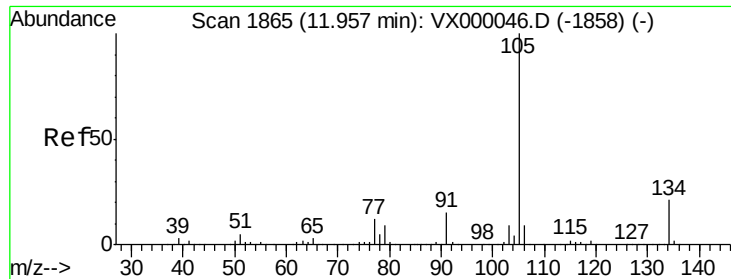
MMDadoda
 2/16/2018 2:28:00 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 0.88 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX000076.D
 Acq: 13 Feb 2018 15:23

Tgt Ion	Ratio	Lower	Upper
105	100		
120	40.9	23.4	70.2





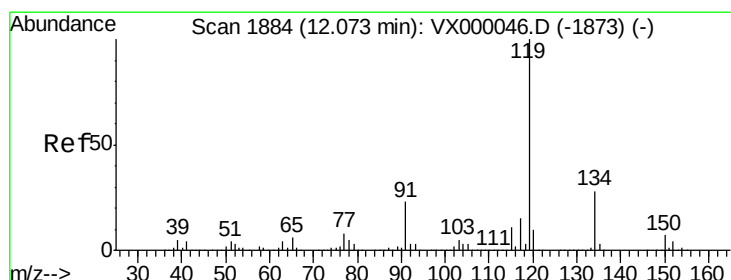
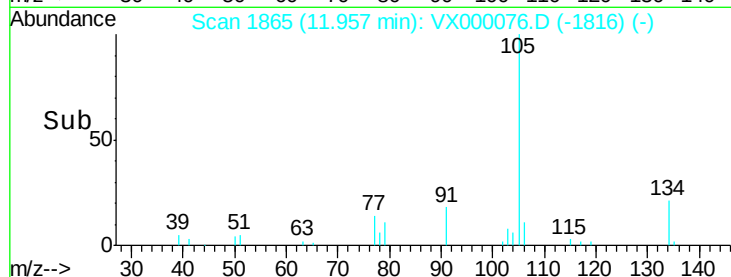
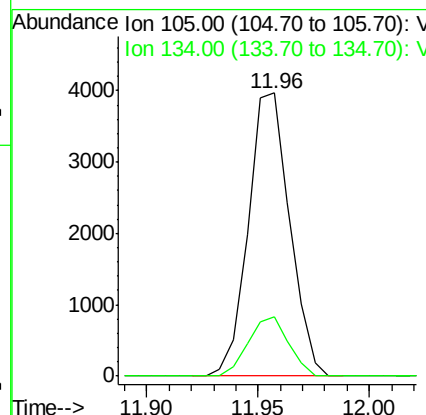
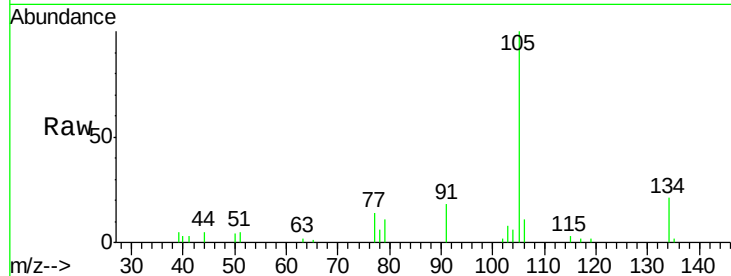
#85
 sec-Butylbenzene
 Concen: 0.84 ug/l
 RT: 11.96 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: VX000076.D
 Acq: 13 Feb 2018 15:23

Instrument :
 ClientSampled :
 MDL04 0.75

Tot Ion:105 Resp: 5152
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.6 31.8

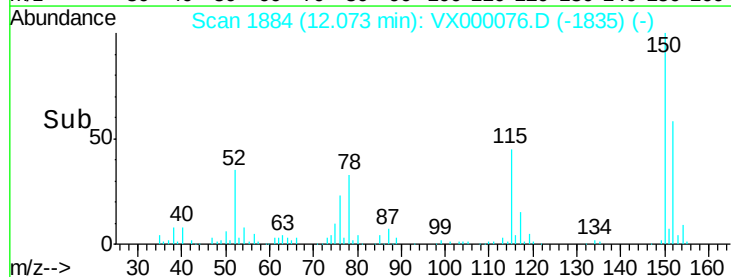
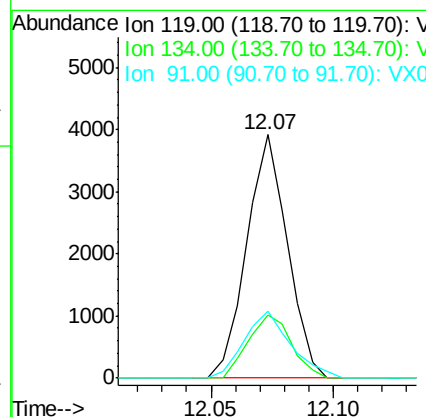
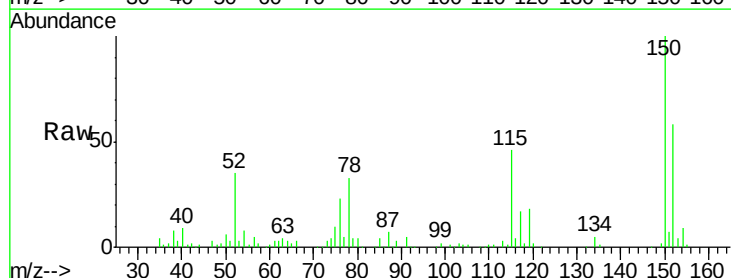
Manual Integrations
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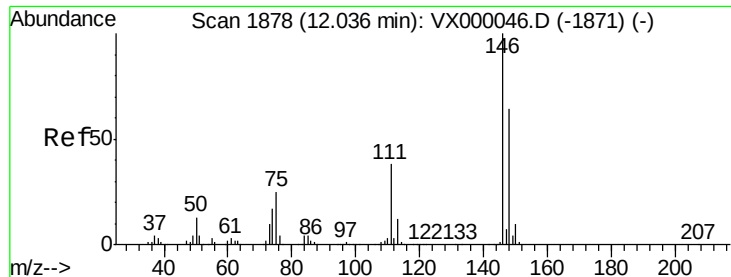
MMDadoda
 2/16/2018 2:28:00 PM



#86
 p-Isopropyltoluene
 Concen: 0.82 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VX000076.D
 Acq: 13 Feb 2018 15:23

Tgt Ion:119 Resp: 4526
 Ion Ratio Lower Upper
 119 100
 134 27.4 14.0 41.9
 91 31.2 11.6 34.7





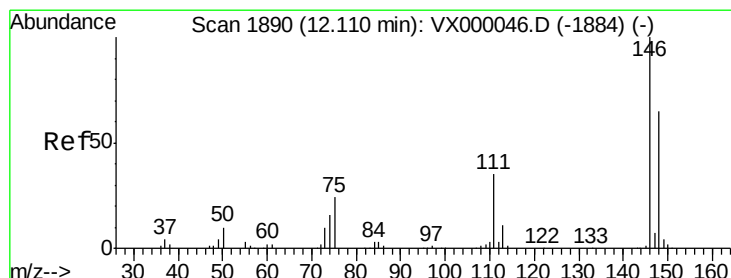
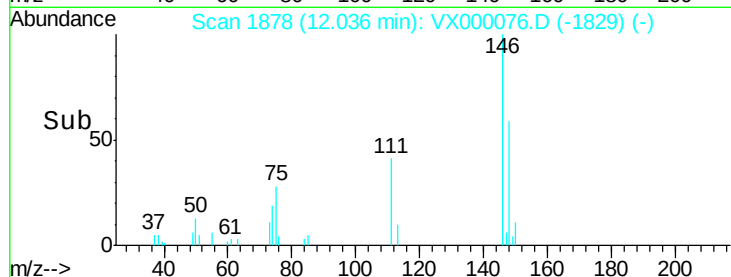
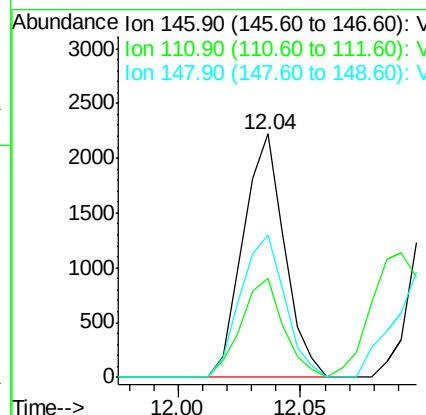
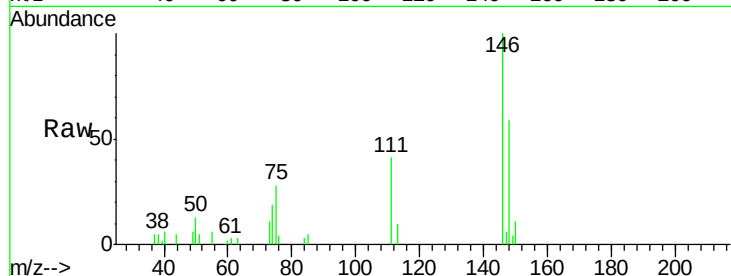
#87
 1,3-Dichlorobenzene
 Concen: 0.87 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VX000076.D
 Acq: 13 Feb 2018 15:23

Instrument :
 ClientSampled :
 MDL04 0.75

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.6	18.9	56.9
148	62.5	31.8	95.4

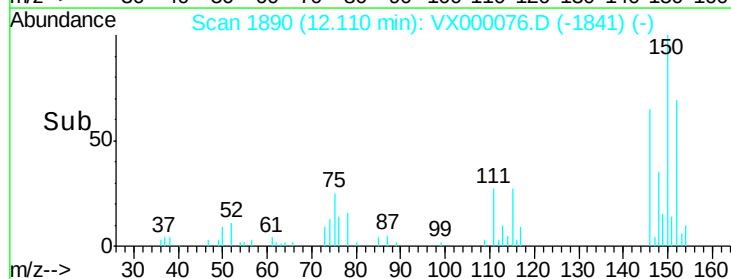
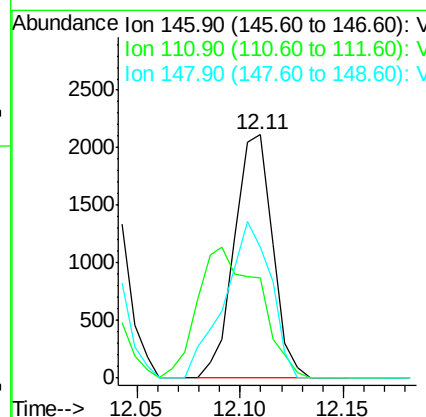
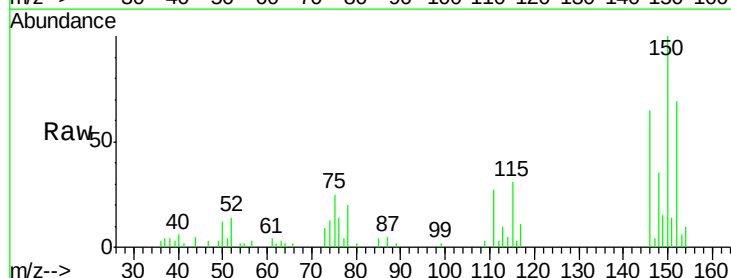
Manual Integrations
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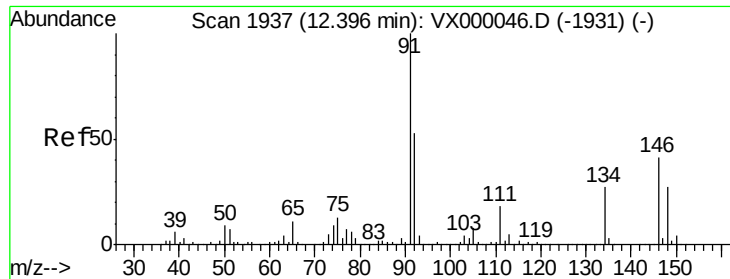
MMDadoda
 2/16/2018 2:28:00 PM



#88
 1,4-Dichlorobenzene
 Concen: 0.88 ug/l m
 RT: 12.11 min Scan# 1890
 Delta R.T. 0.00 min
 Lab File: VX000076.D
 Acq: 13 Feb 2018 15:23

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.1	18.7	56.1
148	60.2	32.1	96.5





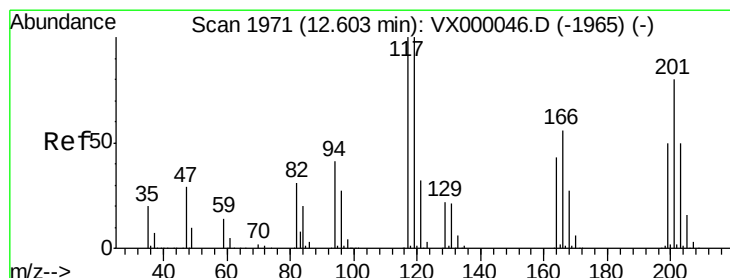
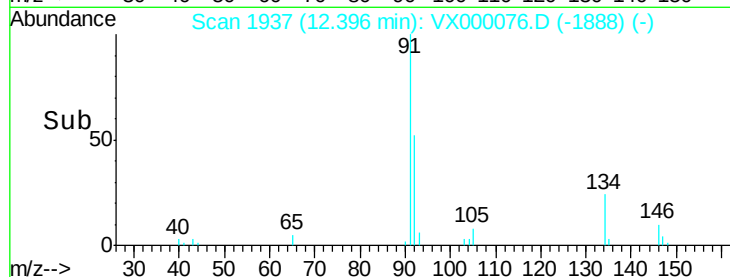
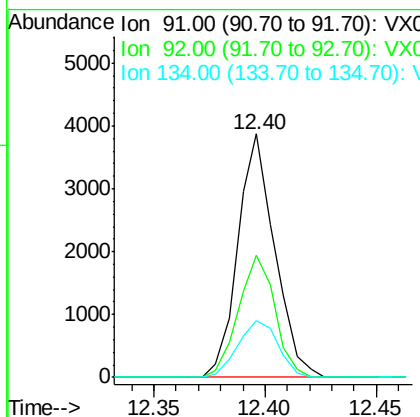
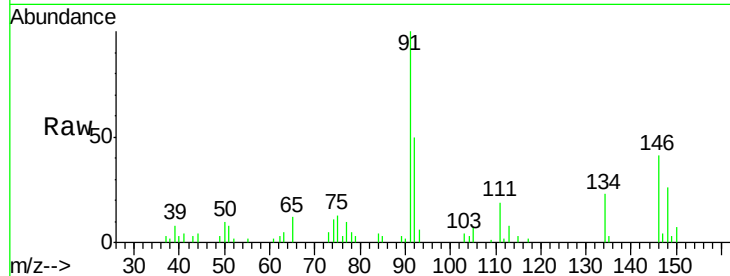
#89
n-Butylbenzene
Concen: 0.87 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX000076.D
Acq: 13 Feb 2018 15:23

Instrument :
ClientSampled :
MDL04 0.75

Tot Ion	Ratio	Lower	Upper
91	100		
92	49.7	26.1	78.2
134	25.4	14.1	42.2

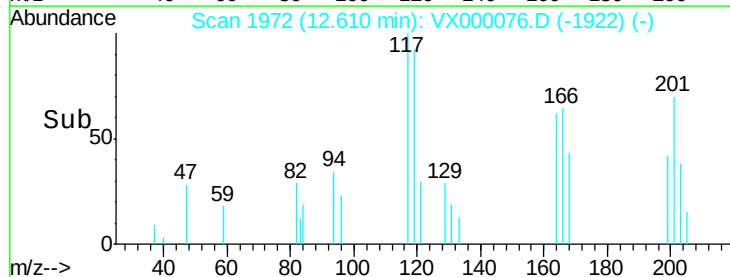
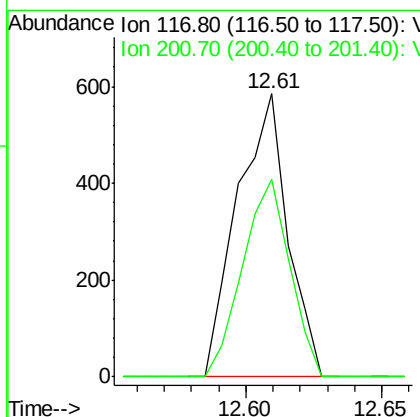
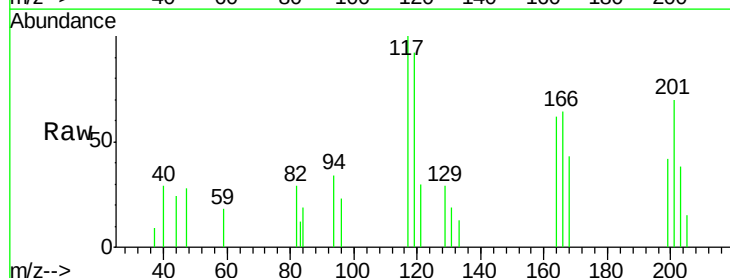
Manual Integrations
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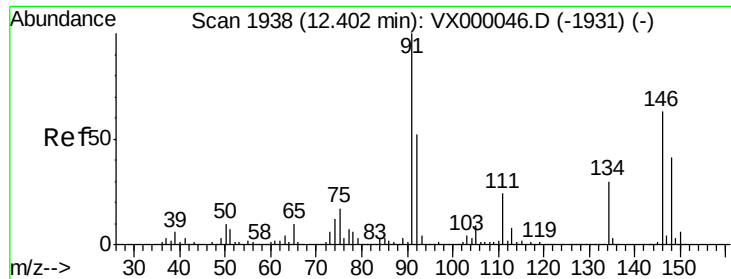
MMDadoda
2/16/2018 2:28:00 PM



#90
Hexachloroethane
Concen: 0.77 ug/l
RT: 12.61 min Scan# 1972
Delta R.T. 0.01 min
Lab File: VX000076.D
Acq: 13 Feb 2018 15:23

Tgt Ion	Ratio	Lower	Upper
117	100		
201	65.4	43.5	130.7





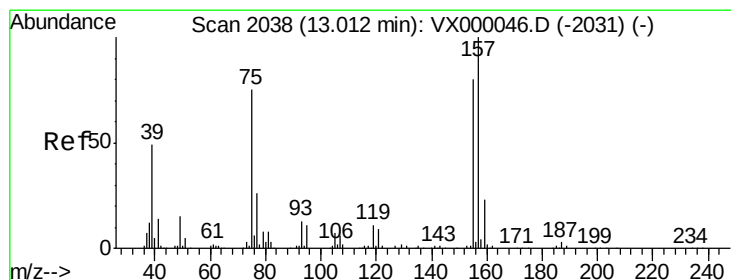
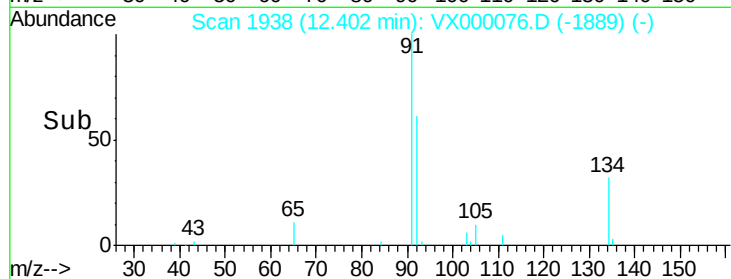
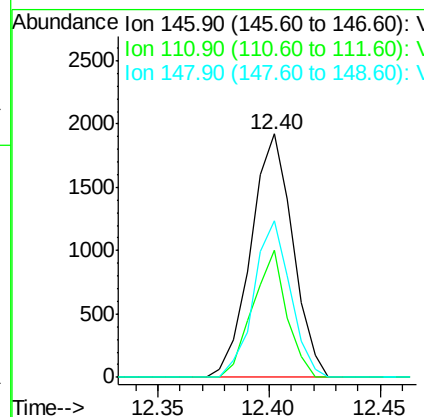
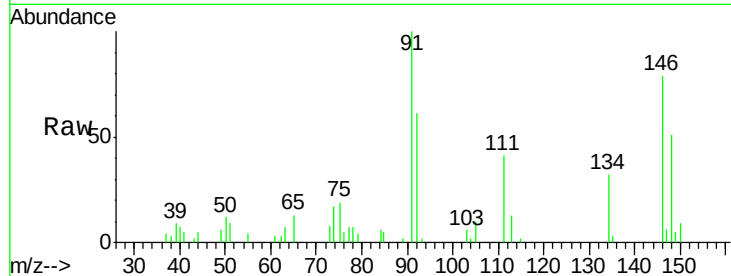
#91
 1,2-Dichlorobenzene
 Concen: 0.85 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VX000076.D
 Acq: 13 Feb 2018 15:23

Instrument :
 ClientSampled :
 MDL04 0.75

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.6	19.4	58.2
148	56.5	32.0	96.2

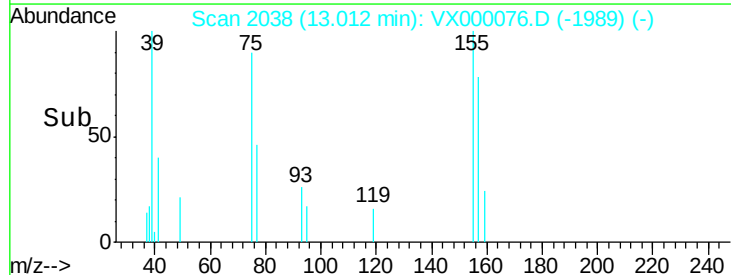
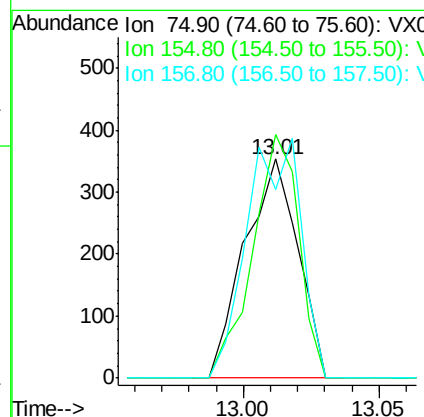
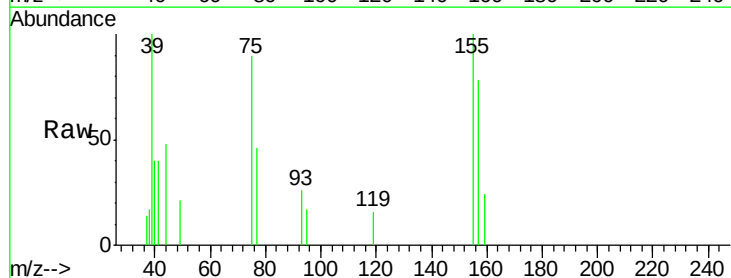
Manual Integrations
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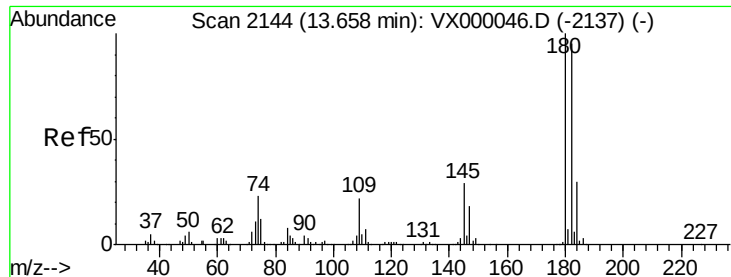
MMDadoda
 2/16/2018 2:28:00 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.83 ug/l
 RT: 13.01 min Scan# 2038
 Delta R.T. 0.00 min
 Lab File: VX000076.D
 Acq: 13 Feb 2018 15:23

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.4	52.0	156.0
157	111.1	65.3	195.9





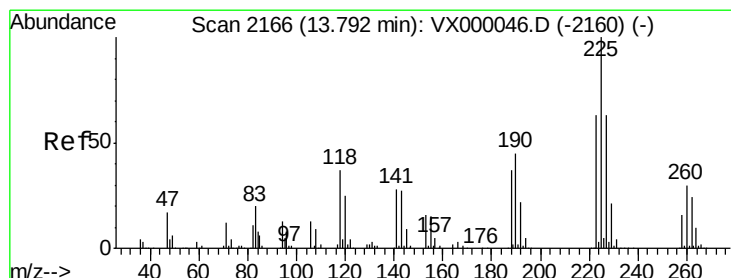
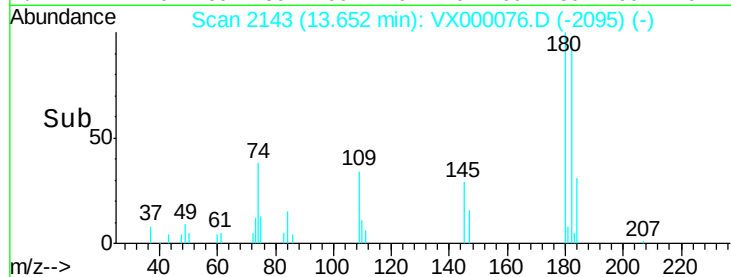
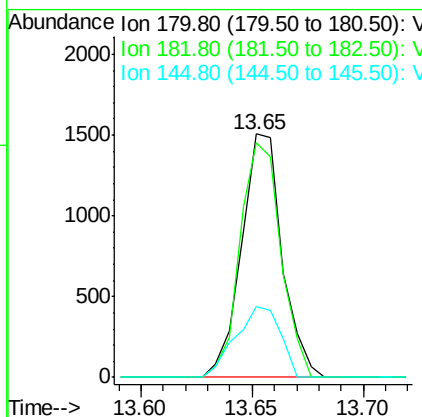
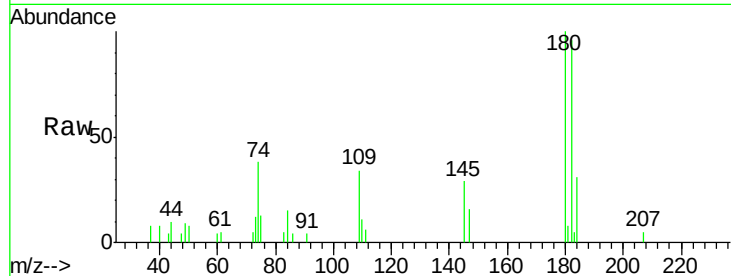
#93
 1,2,4-Trichlorobenzene
 Concen: 0.85 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.01 min
 Lab File: VX000076.D
 Acq: 13 Feb 2018 15:23

Instrument :
 ClientSampled :
 MDL04 0.75

Tot Ion	Ratio	Resp	Lower	Upper
180	100	1922		
182	96.5	48.0	144.0	
145	31.8	14.7	44.1	

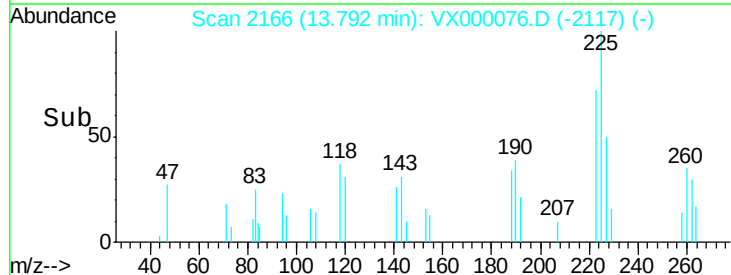
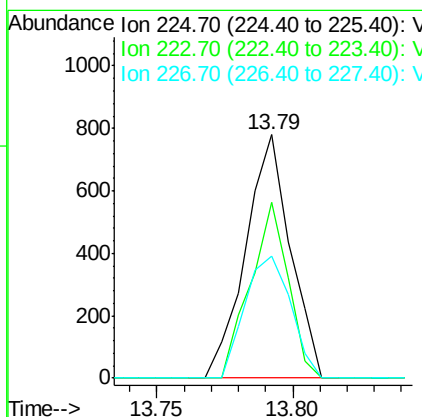
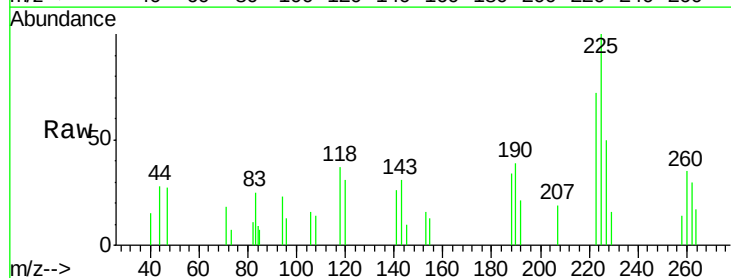
Manual Integrations
 APPROVED

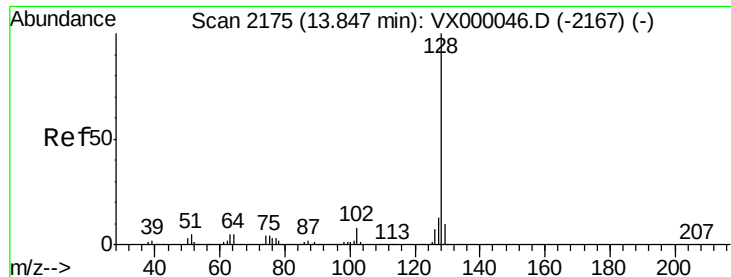
MMDadoda
 2/16/2018 2:28:00 PM



#94
 Hexachlorobutadiene
 Concen: 0.83 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. 0.00 min
 Lab File: VX000076.D
 Acq: 13 Feb 2018 15:23

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	889		
223	60.9	31.9	95.5	
227	51.5	31.6	95.0	





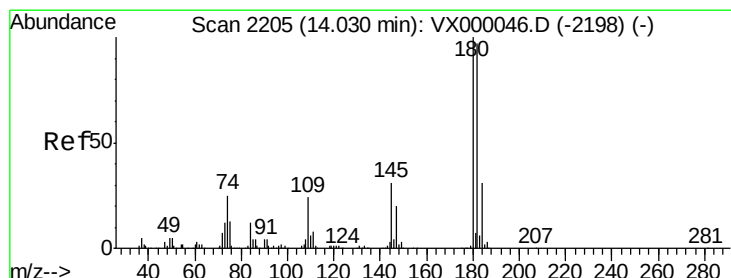
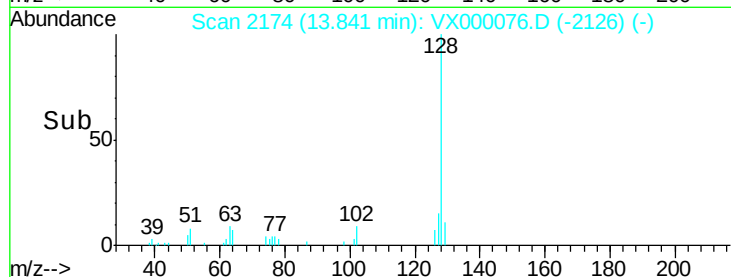
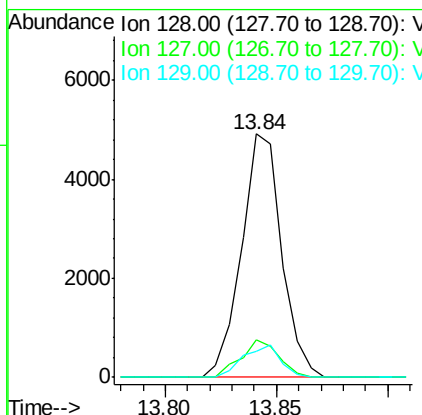
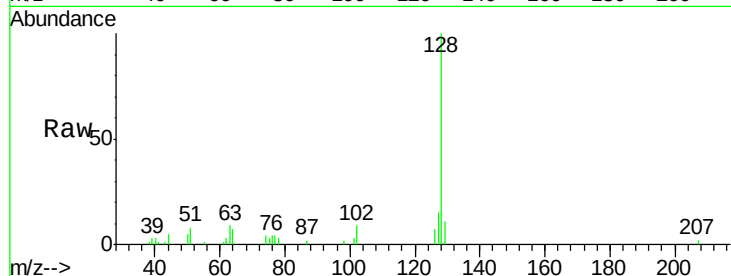
#95
Naphthalene
Concen: 0.84 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.01 min
Lab File: VX000076.D
Acq: 13 Feb 2018 15:23

Instrument :
ClientSampled :
MDL04 0.75

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.5	10.3	15.5
129	12.2	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
2/16/2018 2:28:00 PM



#96
1,2,3-Trichlorobenzene
Concen: 0.81 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. 0.00 min
Lab File: VX000076.D
Acq: 13 Feb 2018 15:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	89.5	47.9	143.7
145	35.3	15.7	47.0

