

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX021218\
 Data File : VX000066.D
 Acq On : 12 Feb 2018 15:27
 Operator : JC/MD
 Sample : MDL 01 2.00PPB
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ClientSampled :
 MDL 01 2.00PPB

Manual Integrations
 APPROVED

MMDadoda
 2/15/2018 6:05:14 PM

Quant Time: Feb 13 03:33:01 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	117012	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	187301	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	176179	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	94950	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.08	65	62947	51.49	ug/l	0.00
Spiked Amount			Recovery	=	102.98%	
35) Dibromofluoromethane	5.51	113	53890	49.28	ug/l	0.00
Spiked Amount			Recovery	=	98.56%	
50) Toluene-d8	8.73	98	196499	48.28	ug/l	0.00
Spiked Amount			Recovery	=	96.56%	
62) 4-Bromofluorobenzene	11.15	95	79224	47.87	ug/l	0.00
Spiked Amount			Recovery	=	95.74%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	2289	2.16	ug/l	93
3) Chloromethane	1.32	50	2228	2.06	ug/l	98
4) Vinyl Chloride	1.41	62	2469	2.03	ug/l	96
5) Bromomethane	1.64	94	2646	4.07	ug/l	95
6) Chloroethane	1.73	64	2179m	2.98	ug/l	
7) Trichlorofluoromethane	1.93	101	4597	2.17	ug/l	95
8) Diethyl Ether	2.20	74	1599	2.08	ug/l	81
9) 1,1,2-Trichlorotrifluoroet	2.39	101	2463	2.06	ug/l	99
10) Methyl Iodide	2.51	142	2054	3.06	ug/l	97
11) Tert butyl alcohol	3.07	59	5495	11.23	ug/l #	88
12) 1,1-Dichloroethene	2.38	96	2404	2.12	ug/l	89
13) Acrolein	2.30	56	3019	12.02	ug/l	90
14) Allyl chloride	2.73	41	4026	2.04	ug/l	96
15) Acrylonitrile	3.16	53	9249	10.85	ug/l	97
16) Acetone	2.45	43	8818	12.18	ug/l	98
17) Carbon Disulfide	2.57	76	6231	1.88	ug/l	96
18) Methyl Acetate	2.79	43	4457	2.44	ug/l	94
19) Methyl tert-butyl Ether	3.22	73	7919	2.04	ug/l	99
20) Methylene Chloride	2.86	84	2529	2.09	ug/l	91
21) trans-1,2-Dichloroethene	3.17	96	2498	2.04	ug/l	94
22) Diisopropyl ether	3.89	45	6222	1.90	ug/l	95
23) Vinyl Acetate	3.84	43	28456	9.64	ug/l	98
24) 1,1-Dichloroethane	3.70	63	4099	2.02	ug/l	97
25) 2-Butanone	4.72	43	12589	11.52	ug/l	98
26) 2,2-Dichloropropane	4.59	77	3626	2.08	ug/l	96
27) cis-1,2-Dichloroethene	4.61	96	2428	2.03	ug/l	98
28) Bromochloromethane	5.03	49	1682	2.50	ug/l #	84
29) Tetrahydrofuran	5.19	42	8289	11.07	ug/l	97
30) Chloroform	5.22	83	4114	2.01	ug/l	86
31) Cyclohexane	5.59	56	3316	1.99	ug/l	90
32) 1,1,1-Trichloroethane	5.50	97	3693	1.92	ug/l	94
36) 1,1-Dichloropropene	5.80	75	3184	1.95	ug/l #	62
37) Ethyl Acetate	4.88	43	4806	2.28	ug/l #	93
38) Carbon Tetrachloride	5.79	117	3479	1.90	ug/l #	91

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	3918	1.98	ug/l	97
40) Benzene	6.15	78	8766	1.90	ug/l	99
41) Methacrylonitrile	5.07	41	1864m	1.72	ug/l	
42) 1,2-Dichloroethane	6.21	62	3266	1.98	ug/l #	74
43) Isopropyl Acetate	6.49	43	6245	1.97	ug/l	97
44) Trichloroethene	7.22	130	2664	1.87	ug/l	99
45) 1,2-Dichloropropane	7.53	63	2176	1.94	ug/l #	80
46) Dibromomethane	7.67	93	1604	1.85	ug/l	94
47) Bromodichloromethane	7.91	83	3065	1.82	ug/l	99
48) Methyl methacrylate	7.79	41	3141	2.02	ug/l	90
49) 1,4-Dioxane	7.78	88	1527	36.78	ug/l #	83
51) 4-Methyl-2-Pentanone	8.66	43	21621	9.77	ug/l	97
52) Toluene	8.79	92	5931	1.92	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	3640	1.85	ug/l #	86
54) cis-1,3-Dichloropropene	9.05	75	3545	1.85	ug/l	98
55) 1,1,2-Trichloroethane	9.23	97	2501	1.93	ug/l	95
56) Ethyl methacrylate	9.19	69	3571	1.79	ug/l #	87
57) 1,3-Dichloropropane	9.38	76	3897	1.93	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.32	63	9929	10.09	ug/l	96
59) 2-Hexanone	9.51	43	18477	10.27	ug/l	93
60) Dibromochloromethane	9.59	129	2421	1.62	ug/l	95
61) 1,2-Dibromoethane	9.68	107	2700	1.89	ug/l	97
64) Tetrachloroethene	9.34	164	2308	1.76	ug/l	96
65) Chlorobenzene	10.15	112	6807	1.86	ug/l	92
66) 1,1,1,2-Tetrachloroethane	10.23	131	2403	1.83	ug/l #	65
67) Ethyl Benzene	10.26	91	11495	1.89	ug/l	98
68) m/p-Xylenes	10.37	106	9066	3.75	ug/l	99
69) o-Xylene	10.71	106	4345	1.86	ug/l	99
70) Styrene	10.72	104	7281	1.85	ug/l	99
71) Bromoform	10.87	173	1915	1.54	ug/l #	96
73) Isopropylbenzene	11.02	105	11704	1.94	ug/l	97
74) N-amyl acetate	6.49	43	6245	2.07	ug/l #	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	4121	2.01	ug/l	97
76) 1,2,3-Trichloropropane	11.30	75	4436m	2.48	ug/l	
77) Bromobenzene	11.26	156	3169	1.94	ug/l	96
78) n-propylbenzene	11.37	91	14422	2.06	ug/l	97
79) 2-Chlorotoluene	11.43	91	8186	2.03	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	10107	2.00	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.09	75	1083m	1.50	ug/l	
82) 4-Chlorotoluene	11.52	91	10264	2.13	ug/l	95
83) tert-Butylbenzene	11.78	119	10167	1.99	ug/l	98
84) 1,2,4-Trimethylbenzene	11.82	105	9967	1.93	ug/l	97
85) sec-Butylbenzene	11.96	105	12341	1.97	ug/l	100
86) p-Isopropyltoluene	12.07	119	11291	2.00	ug/l	96
87) 1,3-Dichlorobenzene	12.04	146	6204	2.01	ug/l	98
88) 1,4-Dichlorobenzene	12.11	146	6220m	1.97	ug/l	
89) n-Butylbenzene	12.40	91	10411	1.98	ug/l	99
90) Hexachloroethane	12.60	117	1653	1.68	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	5799	1.92	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	1194	2.03	ug/l	86

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MDL 01 2.00PPB

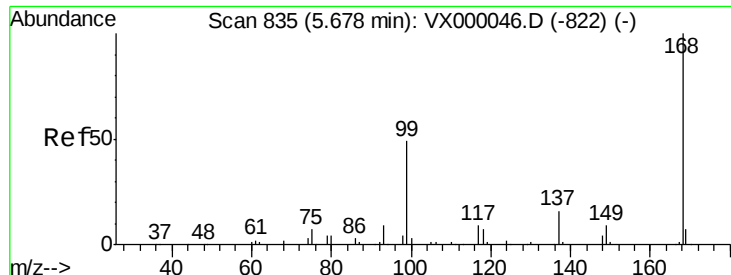
Manual Integrations
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2/15/2018 6:05:14 PM

Quant Time: Feb 13 03:33:01 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)
93) 1,2,4-Trichlorobenzene	13.65	180	4396	1.91	ug/l	100
94) Hexachlorobutadiene	13.79	225	2080	1.91	ug/l	98
95) Naphthalene	13.85	128	14807	1.98	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	4298	1.92	ug/l	97

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



#1

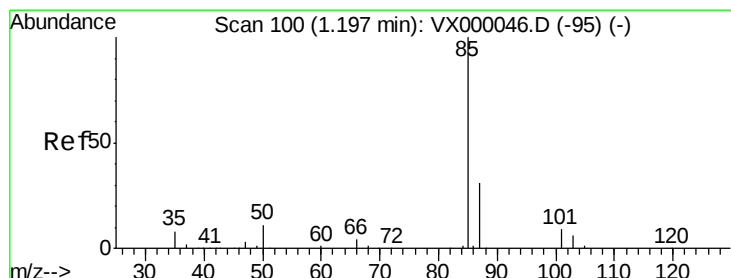
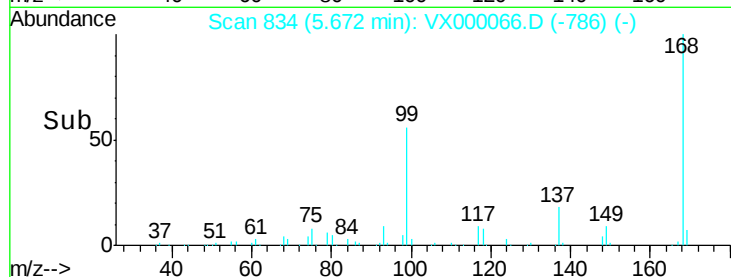
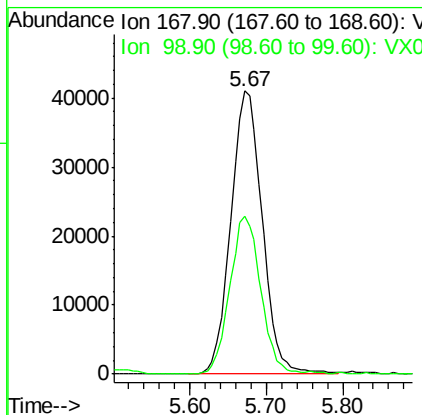
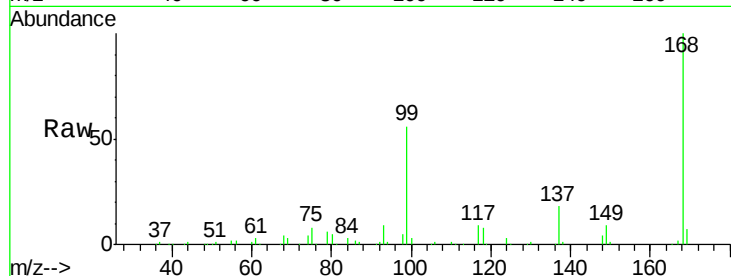
Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.01 min
 Lab File: VX000066.D
 Acq: 12 Feb 2018 15:27

Instrument :
 Client Sampled :
 MDL 01 2.00PPB

Tot Ion	Ratio	Lower	Upper
168	100		
99	55.7	39.4	59.2

Manual Integrations
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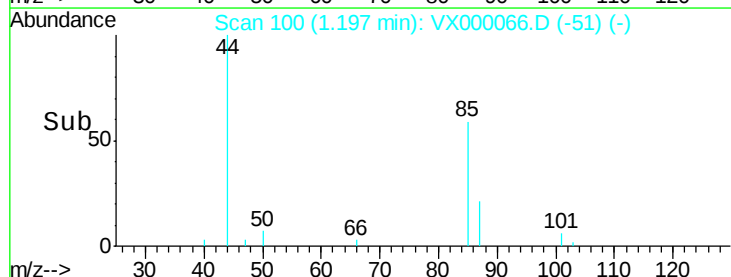
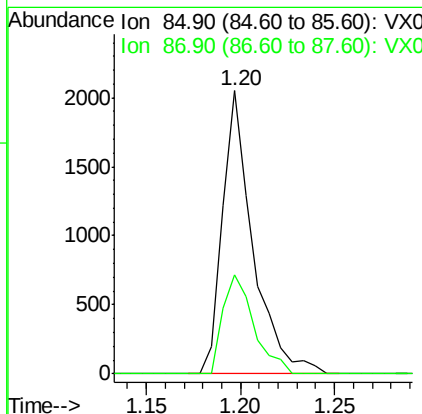
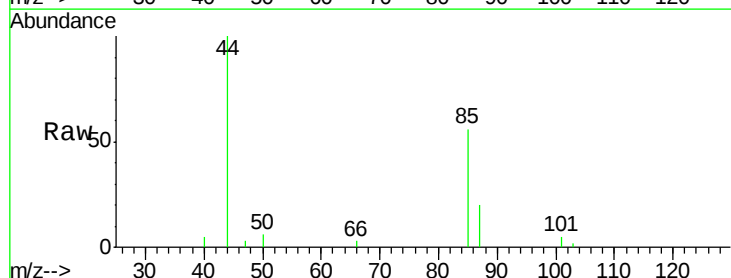
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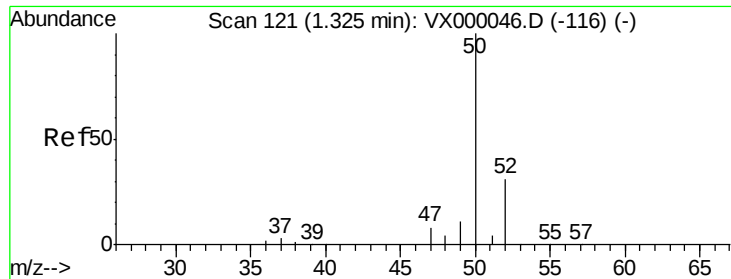


#2

Dichlorodifluoromethane
 Concen: 2.16 ug/l
 RT: 1.20 min Scan# 100
 Delta R.T. 0.00 min
 Lab File: VX000066.D
 Acq: 12 Feb 2018 15:27

Tgt Ion	Ratio	Lower	Upper
85	100		
87	35.0	15.7	47.0





#3

Chloromethane

Concen: 2.06 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000066.D

Acq: 12 Feb 2018 15:27

Instrument :

ClientSampled :

MDL 01 2.00PPB

Tot Ion: 50 Resp: 2228

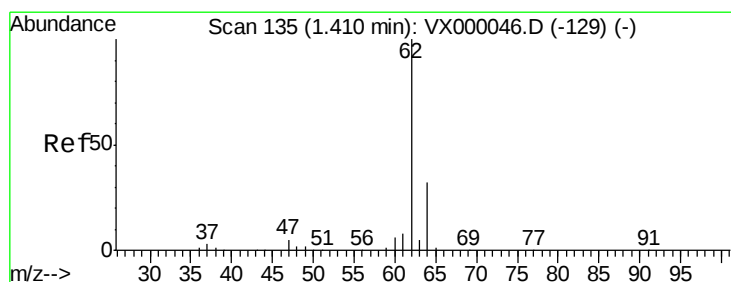
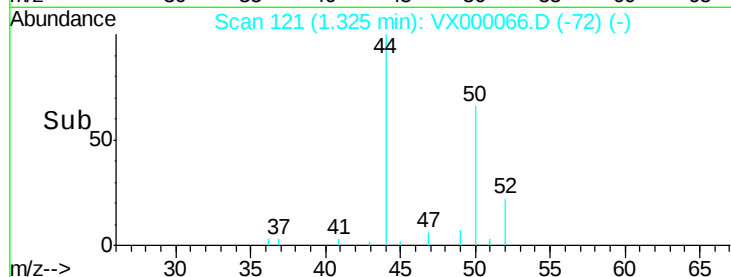
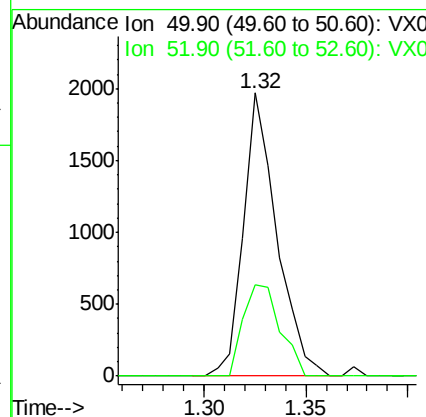
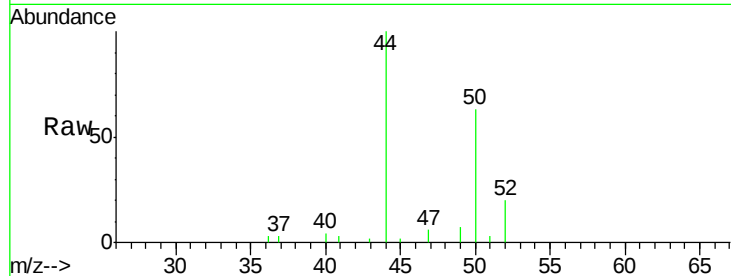
Ion Ratio Lower Upper

50 100

52 32.4 25.0 37.6

Manual Integrations
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#4

Vinyl Chloride

Concen: 2.03 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX000066.D

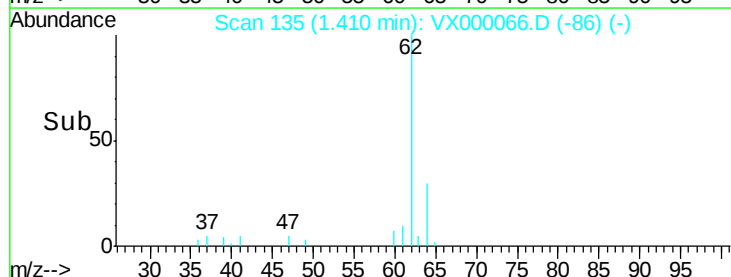
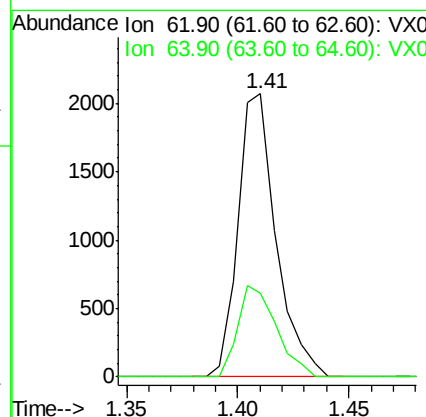
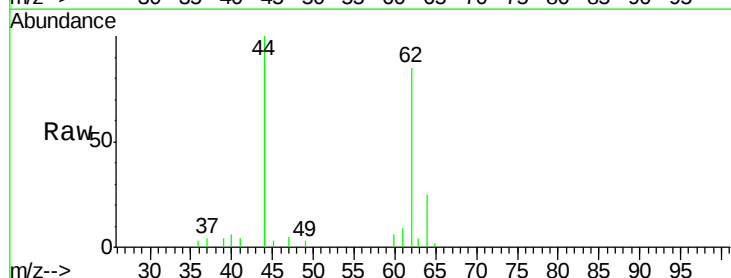
Acq: 12 Feb 2018 15:27

Tgt Ion: 62 Resp: 2469

Ion Ratio Lower Upper

62 100

64 29.6 25.4 38.0





#5

Bromomethane

Concen: 4.07 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000066.D

Acq: 12 Feb 2018 15:27

Instrument :

ClientSampled :

MDL 01 2.00PPB

Tot Ion: 94 Resp: 2646

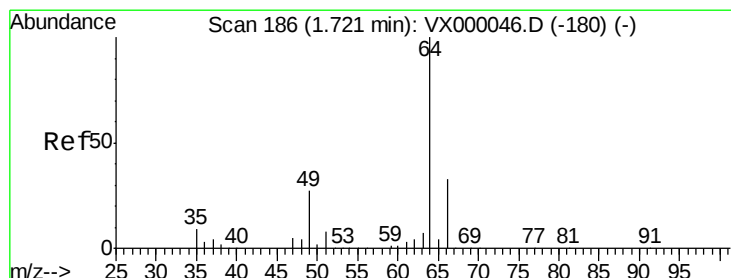
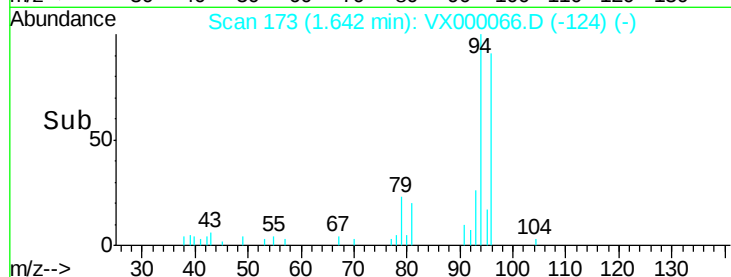
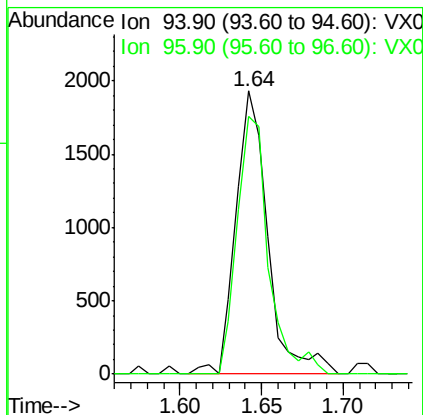
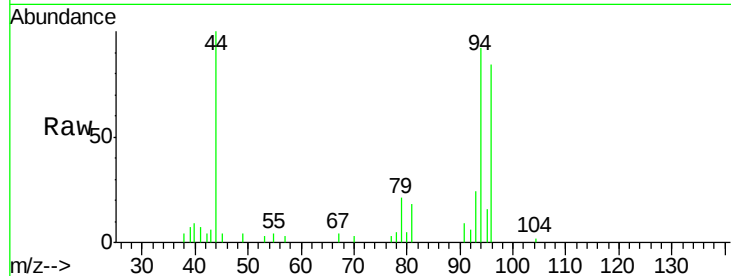
Ion Ratio Lower Upper

94 100

96 91.0 76.7 115.1

Manual Integrations
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#6

Chloroethane

Concen: 2.98 ug/l m

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX000066.D

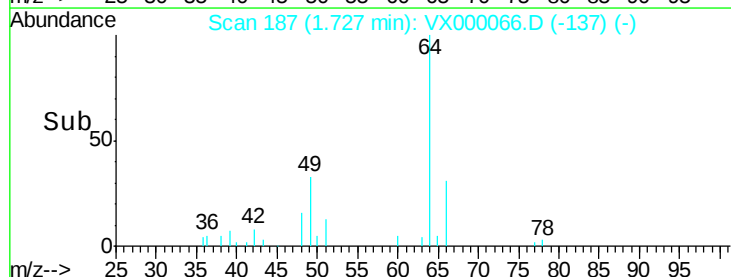
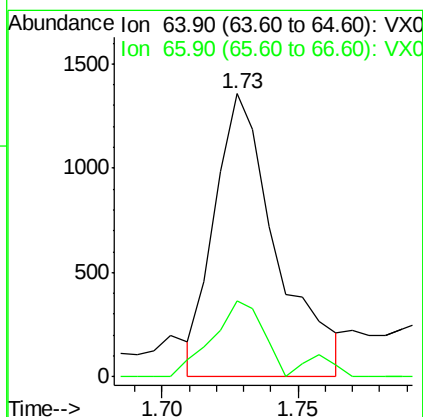
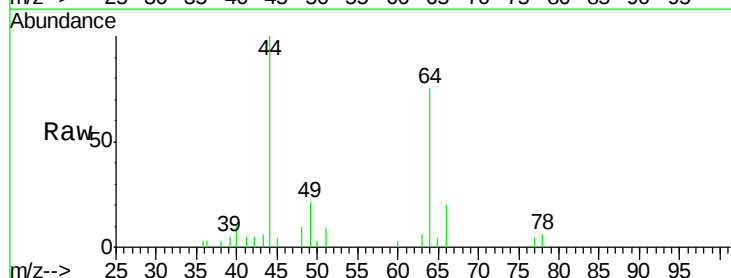
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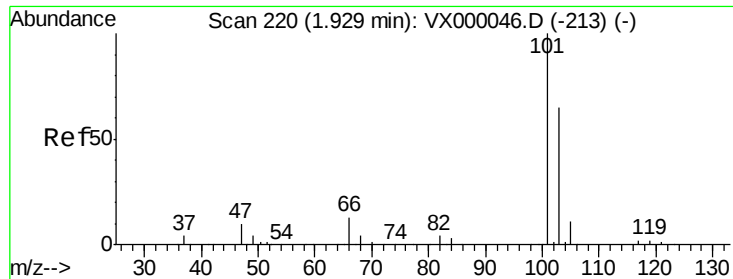
Tgt Ion: 64 Resp: 2179

Ion Ratio Lower Upper

64 100

66 27.0 26.4 39.6





#7

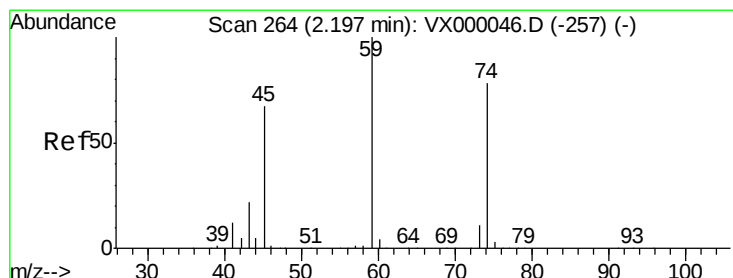
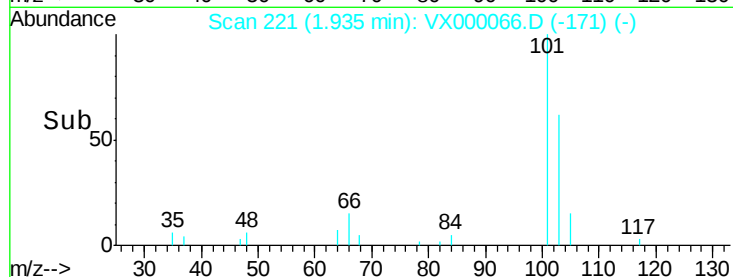
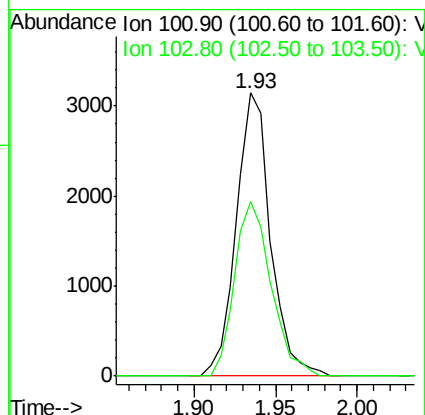
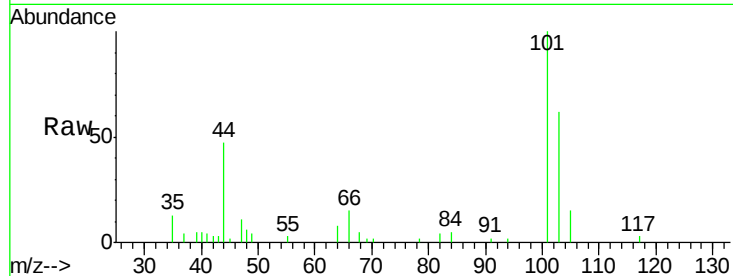
Trichlorofluoromethane
Concen: 2.17 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.01 min
Lab File: VX000066.D
Acq: 12 Feb 2018 15:27

Instrument :
ClientSampled :
MDL 01 2.00PPB

Tot Ion:101 Resp: 4597
Ion Ratio Lower Upper
101 100
103 61.7 52.3 78.5

Manual Integrations
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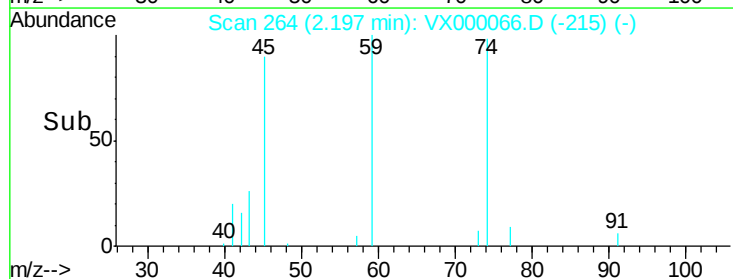
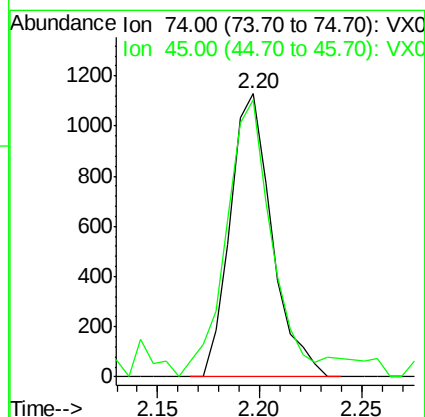
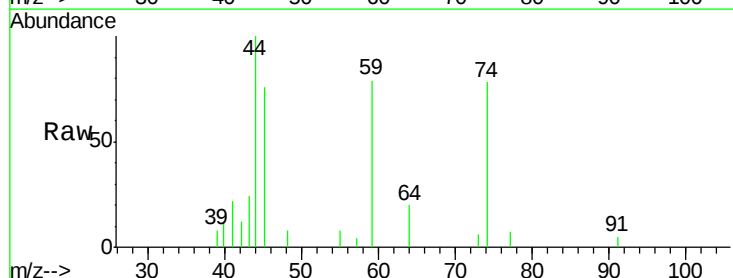
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2/15/2018 6:05:14 PM

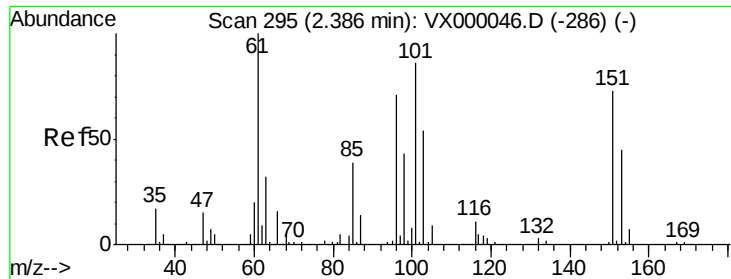


#8

Diethyl Ether
Concen: 2.08 ug/l
RT: 2.20 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX000066.D
Acq: 12 Feb 2018 15:27

Tgt Ion: 74 Resp: 1599
Ion Ratio Lower Upper
74 100
45 105.9 44.3 132.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.06 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.01 min

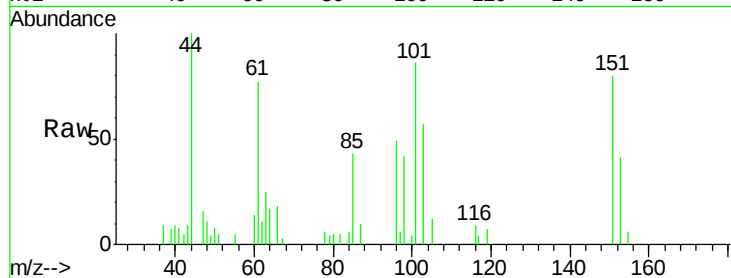
Lab File: VX000066.D

Acq: 12 Feb 2018 15:27

Instrument :

ClientSampled :

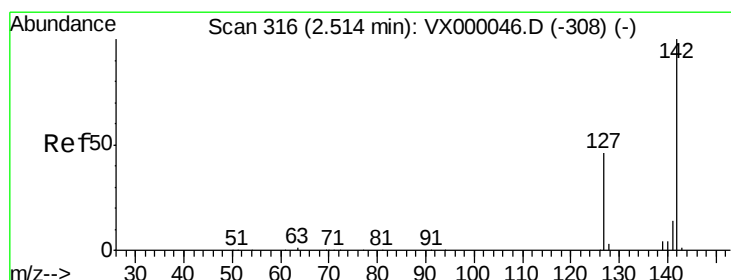
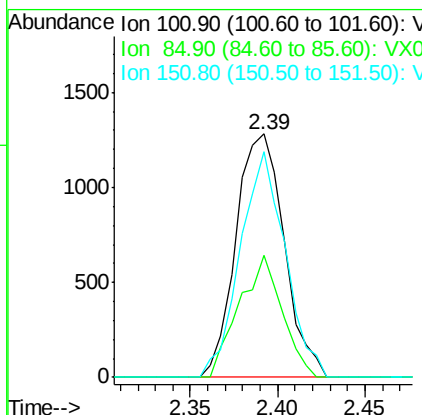
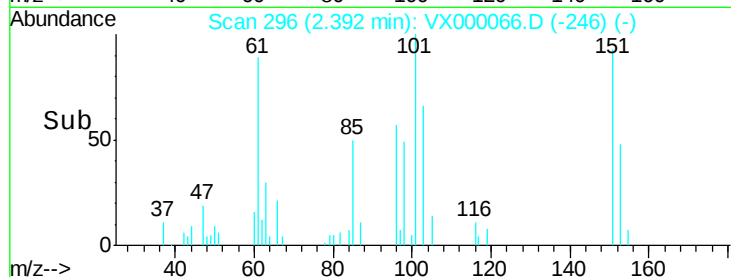
MDL 01 2.00PPB



Tot Ion:	101	Resp:	2463
Ion Ratio	Lower	Upper	
101	100		
85	44.5	36.6	54.8
151	86.6	68.8	103.2

Manual Integrations
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#10

Methyl Iodide

Concen: 3.06 ug/l

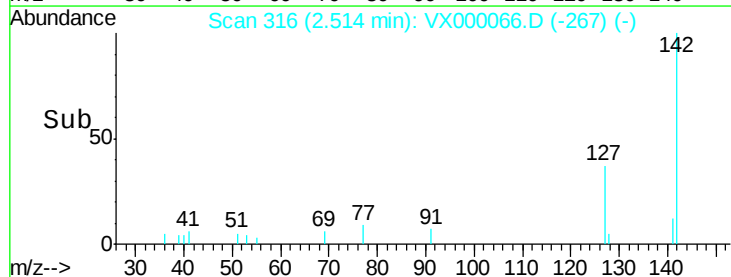
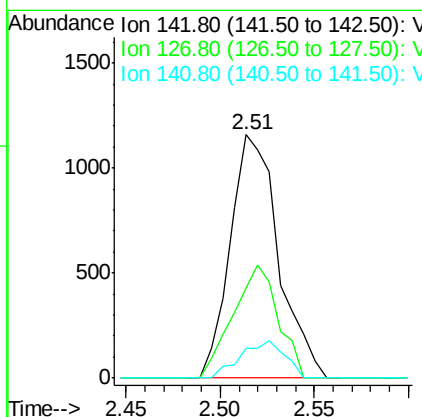
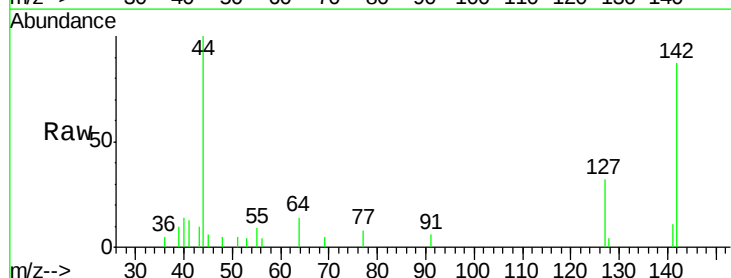
RT: 2.51 min Scan# 316

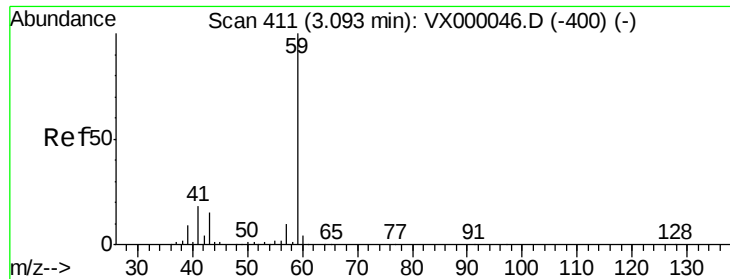
Delta R.T. 0.00 min

Lab File: VX000066.D

Acq: 12 Feb 2018 15:27

Tgt Ion:	142	Resp:	2054
Ion Ratio	Lower	Upper	
142	100		
127	43.5	36.8	55.2
141	14.2	11.4	17.0





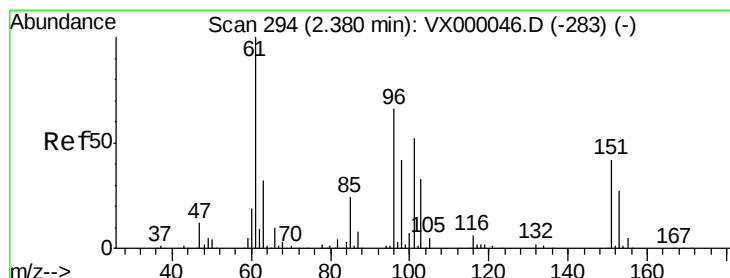
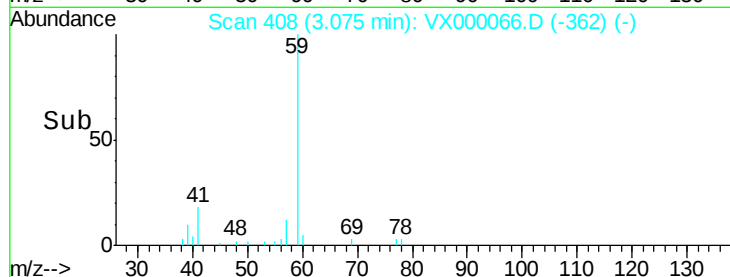
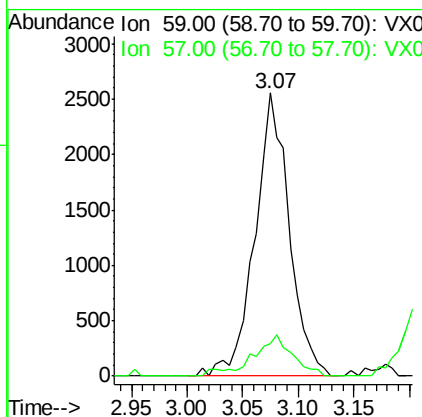
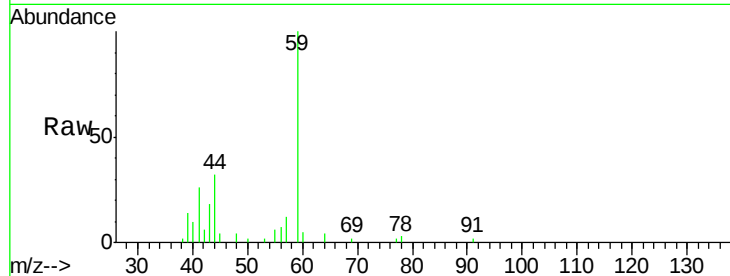
#11
Tert butyl alcohol
Concen: 11.23 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.02 min
Lab File: VX000066.D
Acq: 12 Feb 2018 15:27

Instrument :
Client Sampled :
MDL 01 2.00PPB

Tot Ion: 59 Resp: 5495
Ion Ratio Lower Upper
59 100
57 14.9 8.4 12.6#

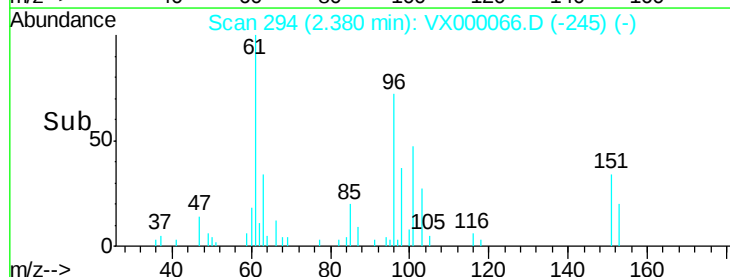
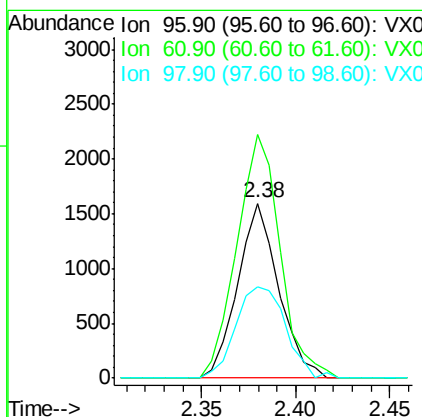
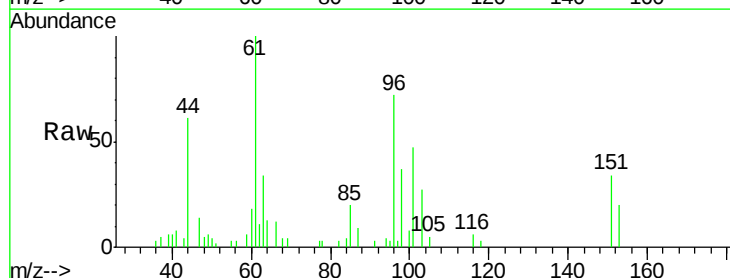
Manual Integrations
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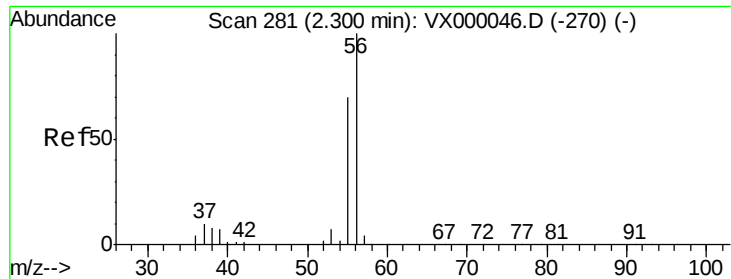
MMDadoda
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#12
1,1-Dichloroethene
Concen: 2.12 ug/l
RT: 2.38 min Scan# 294
Delta R.T. -0.00 min
Lab File: VX000066.D
Acq: 12 Feb 2018 15:27

Tgt Ion: 96 Resp: 2404
Ion Ratio Lower Upper
96 100
61 139.0 120.3 180.5
98 51.9 51.0 76.4





#13

Acrolein

Concen: 12.02 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX000066.D

Acq: 12 Feb 2018 15:27

Instrument :

ClientSampled :

MDL 01 2.00PPB

Tot Ion: 56 Resp: 3019

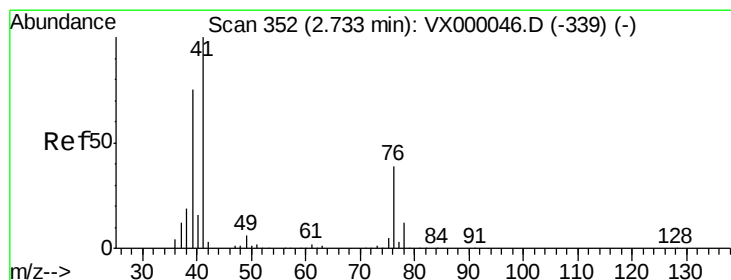
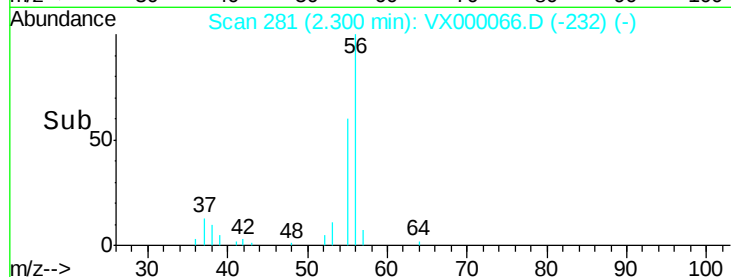
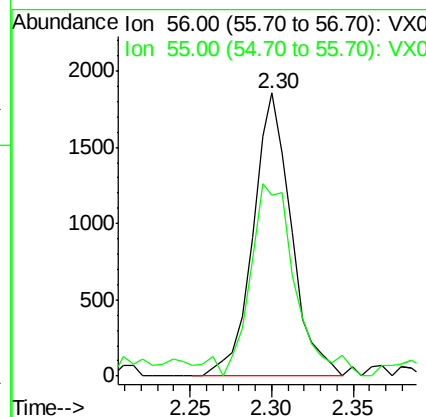
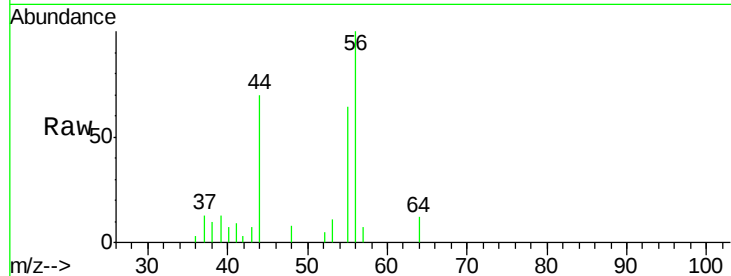
Ion Ratio Lower Upper

56 100

55 79.0 56.4 84.6

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#14

Allyl chloride

Concen: 2.04 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX000066.D

Acq: 12 Feb 2018 15:27

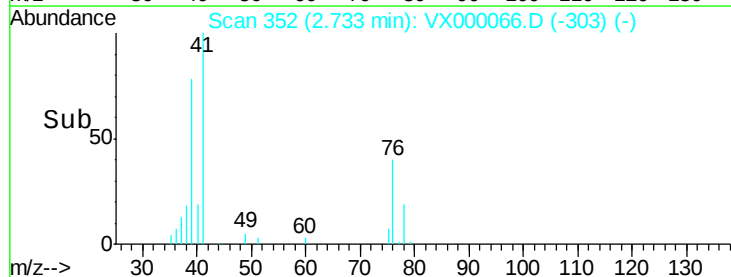
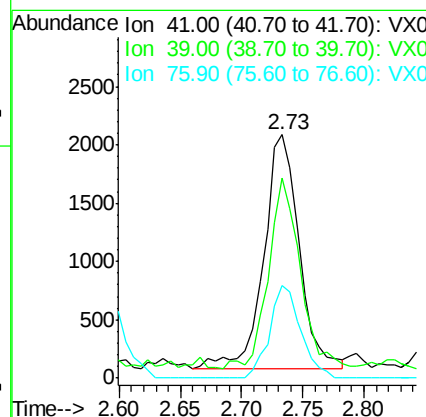
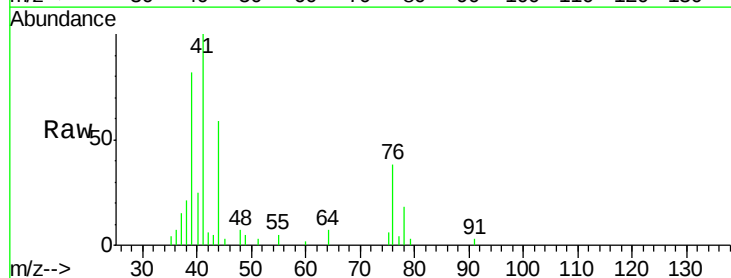
Tgt Ion: 41 Resp: 4026

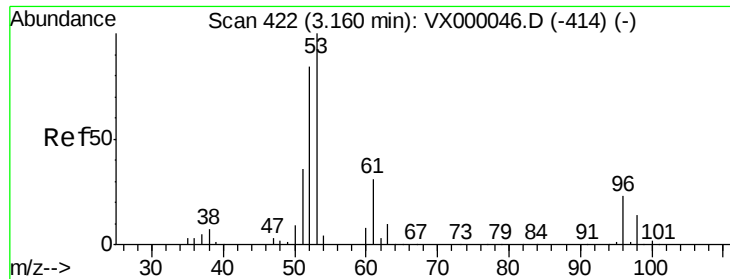
Ion Ratio Lower Upper

41 100

39 73.7 55.8 83.6

76 34.6 28.7 43.1





#15

Acrylonitrile

Concen: 10.85 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.00 min

Lab File: VX000066.D

Acq: 12 Feb 2018 15:27

Instrument :

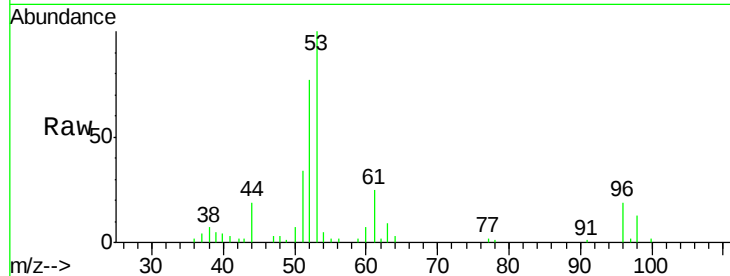
ClientSampled :

MDL 01 2.00PPB

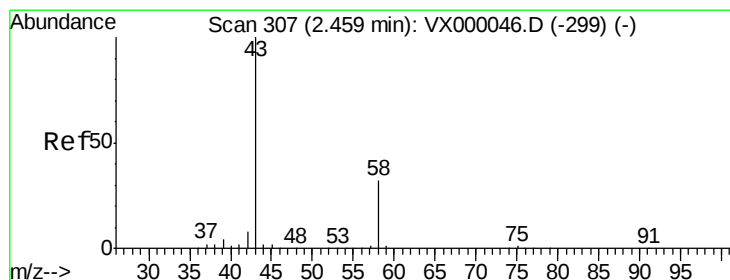
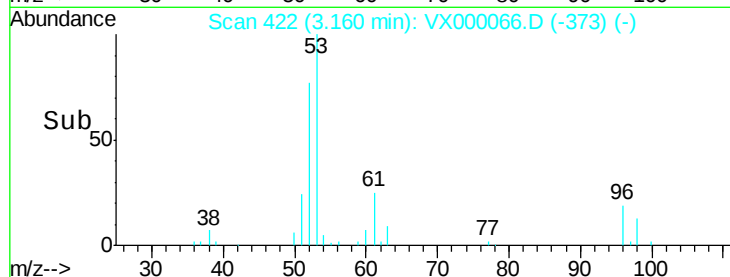
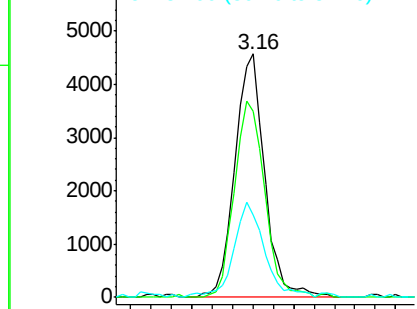
Tot Ion:	53	Resp:	9249
Ion	Ratio	Lower	Upper
53	100		
52	81.8	66.5	99.7
51	40.0	29.1	43.7

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Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 12.18 ug/l

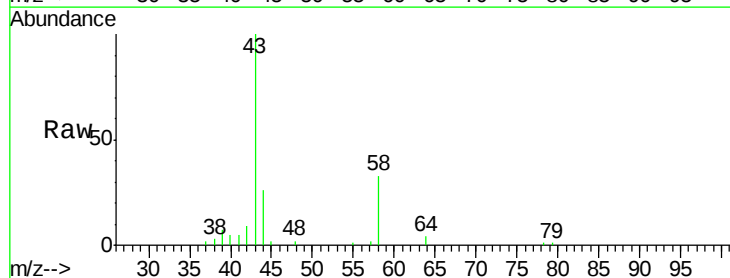
RT: 2.45 min Scan# 306

Delta R.T. -0.01 min

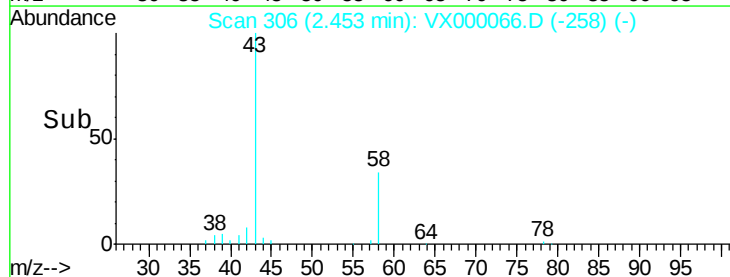
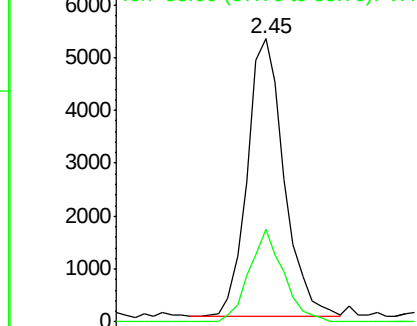
Lab File: VX000066.D

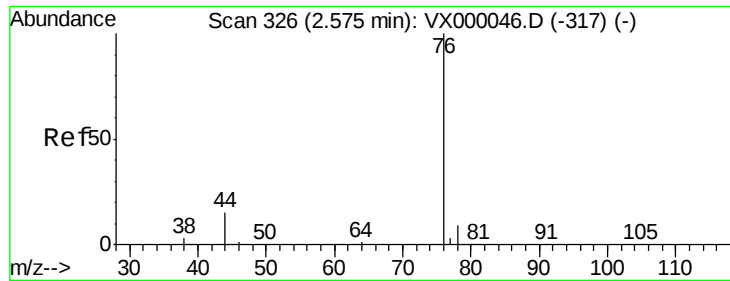
Acq: 12 Feb 2018 15:27

Tgt Ion:	43	Resp:	8818
Ion	Ratio	Lower	Upper
43	100		
58	33.6	25.9	38.9



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0





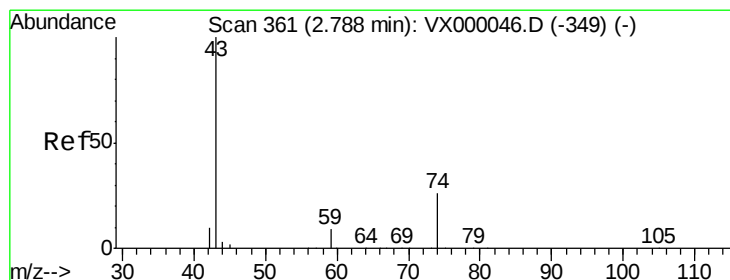
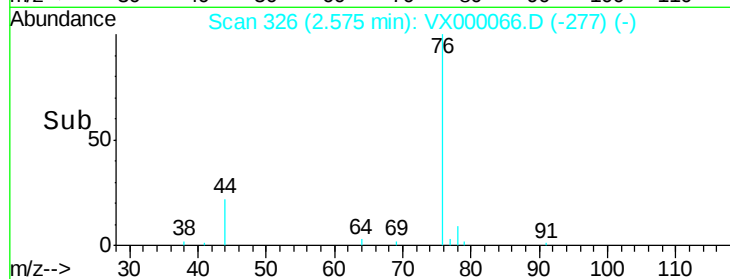
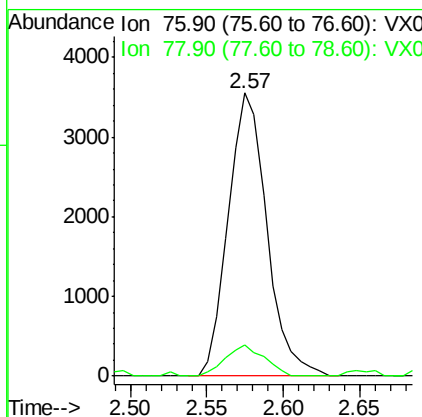
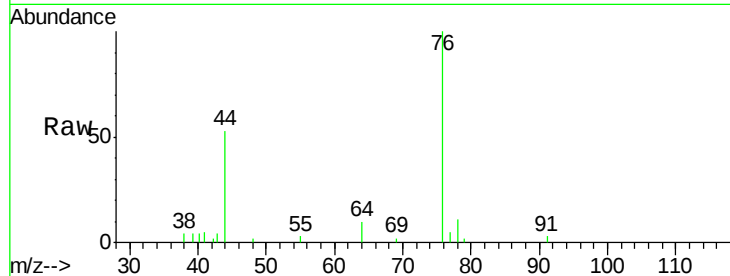
#17
Carbon Disulfide
Concen: 1.88 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX000066.D
Acq: 12 Feb 2018 15:27

Instrument :
ClientSampled :
MDL 01 2.00PPB

Tot Ion	Ratio	Lower	Upper
76	100		
78	10.9	7.5	11.3

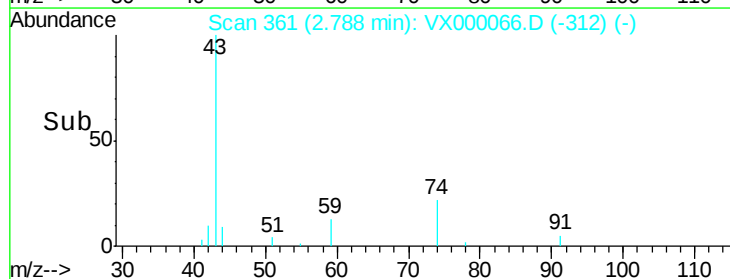
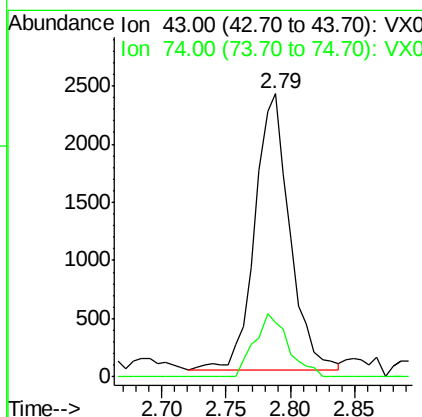
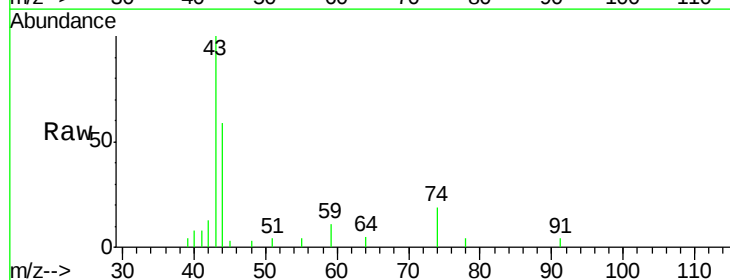
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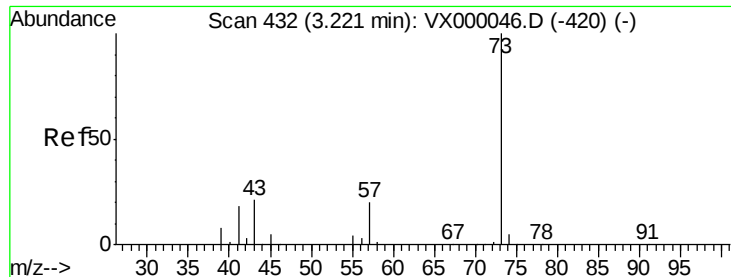
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#18
Methyl Acetate
Concen: 2.44 ug/l
RT: 2.79 min Scan# 361
Delta R.T. 0.00 min
Lab File: VX000066.D
Acq: 12 Feb 2018 15:27

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.1	20.2	30.4





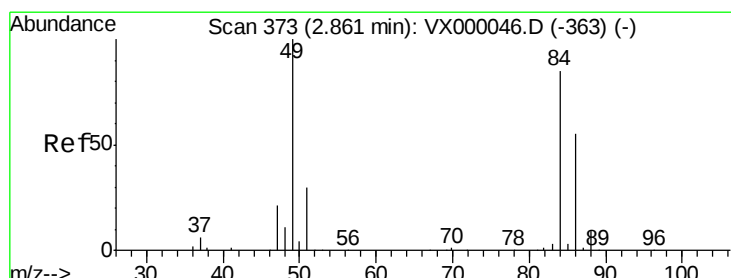
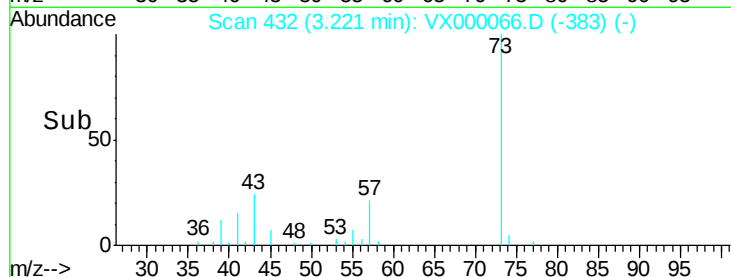
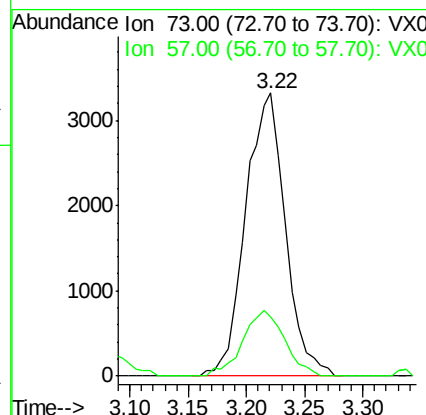
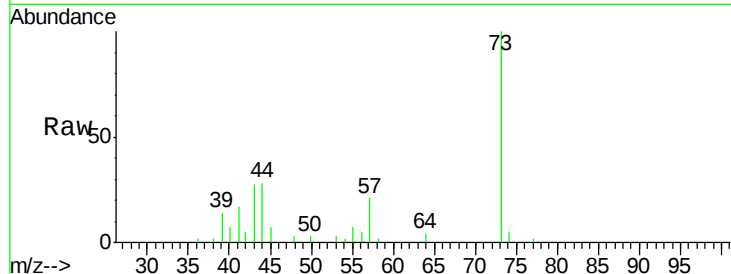
#19
Methvl tert-butvl Ether
Concen: 2.04 ug/l
RT: 3.22 min Scan# 432
Delta R.T. 0.00 min
Lab File: VX000066.D
Acq: 12 Feb 2018 15:27

Instrument :
ClientSampled :
MDL 01 2.00PPB

Tot Ion: 73 Resp: 7919
Ion Ratio Lower Upper
73 100
57 20.9 16.2 24.4

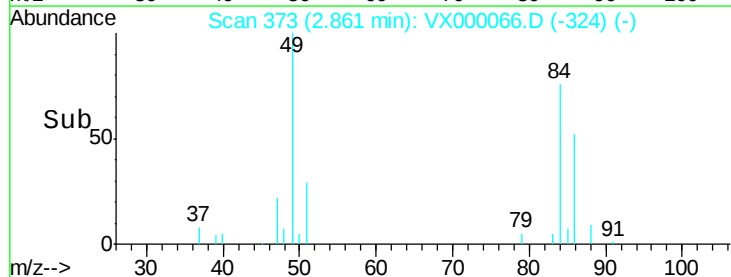
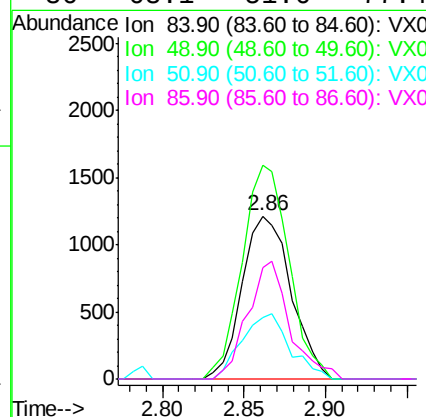
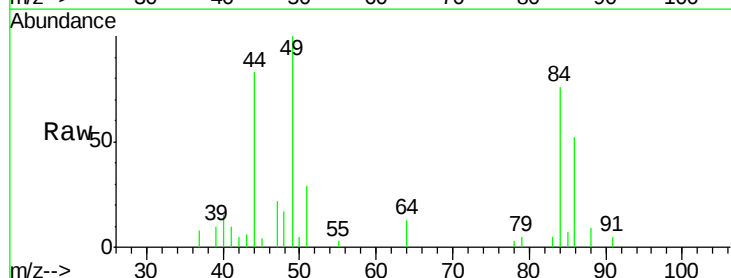
Manual Integrations
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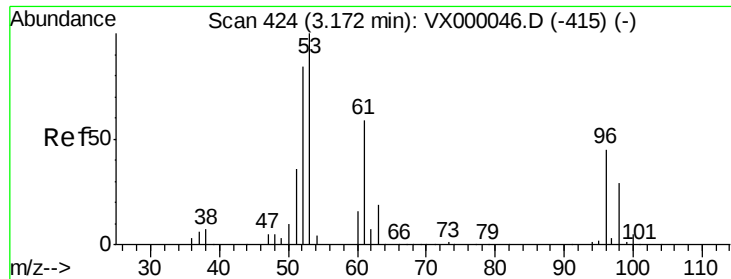
MMDadoda
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#20
Methylene Chloride
Concen: 2.09 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX000066.D
Acq: 12 Feb 2018 15:27

Tgt Ion: 84 Resp: 2529
Ion Ratio Lower Upper
84 100
49 131.1 94.4 141.6
51 38.1 28.3 42.5
86 68.1 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 2.04 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX000066.D

Acq: 12 Feb 2018 15:27

Instrument :

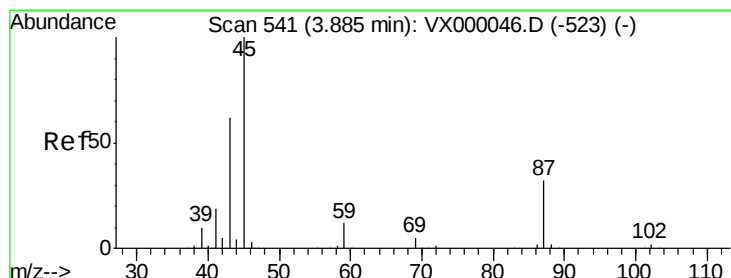
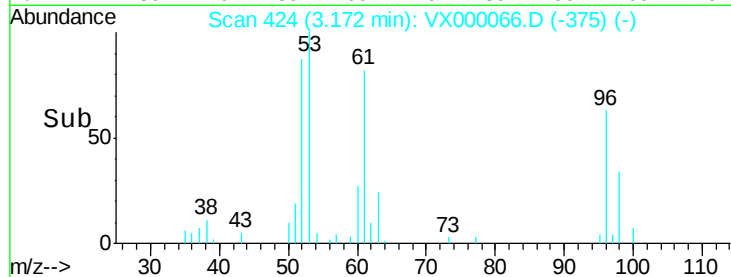
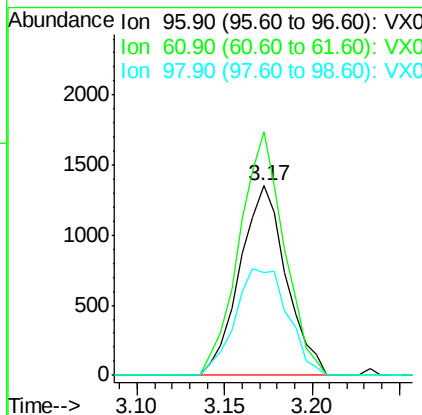
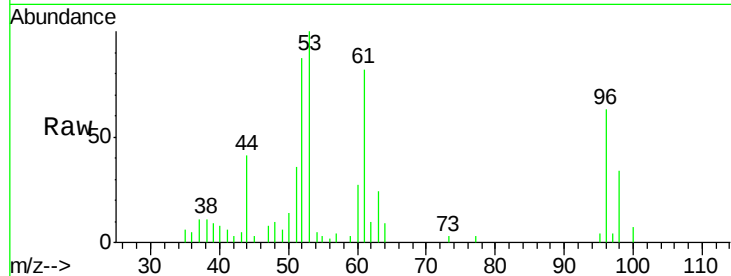
ClientSampled :

MDL 01 2.00PPB

Tot Ion:	96	Resp:	2498
Ion	Ratio	Lower	Upper
96	100		
61	128.5	104.9	157.3
98	54.3	52.4	78.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 1.90 ug/l

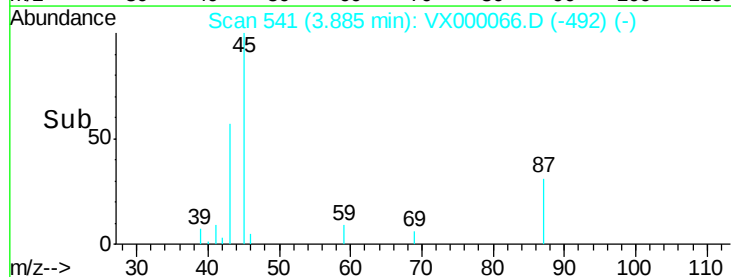
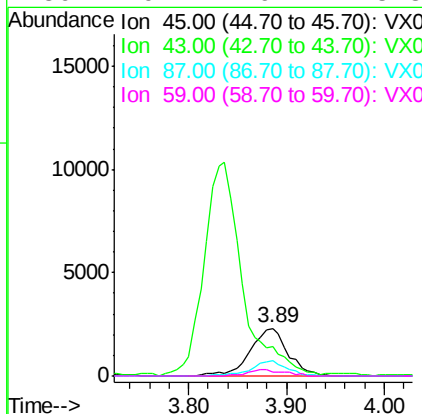
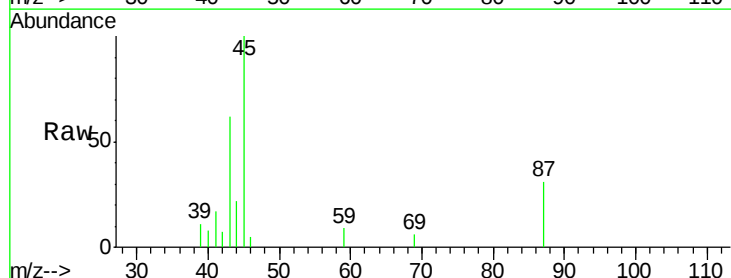
RT: 3.89 min Scan# 541

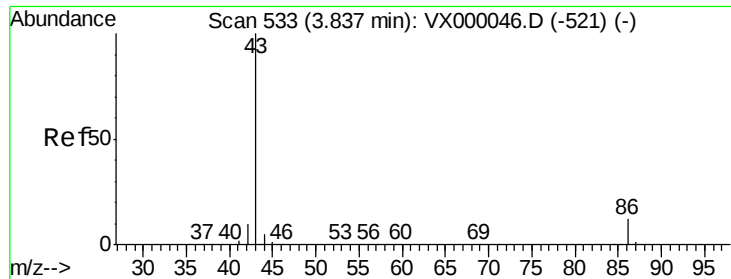
Delta R.T. 0.00 min

Lab File: VX000066.D

Acq: 12 Feb 2018 15:27

Tgt Ion:	45	Resp:	6222
Ion	Ratio	Lower	Upper
45	100		
43	57.7	49.6	74.4
87	30.9	25.9	38.9
59	9.4	9.2	13.8





#23

Vinyl Acetate

Concen: 9.64 ug/l

RT: 3.84 min Scan# 533

Delta R.T. 0.00 min

Lab File: VX000066.D

Acq: 12 Feb 2018 15:27

Instrument :

ClientSampled :

MDL 01 2.00PPB

Tot Ion: 43 Resp: 28456

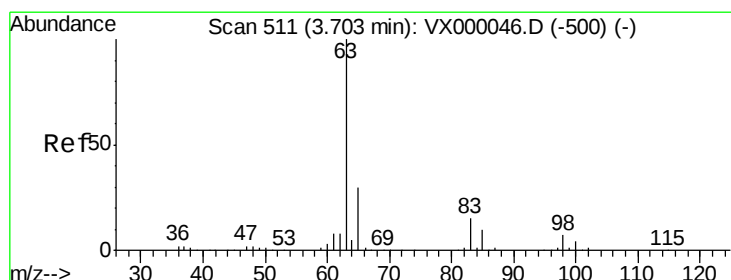
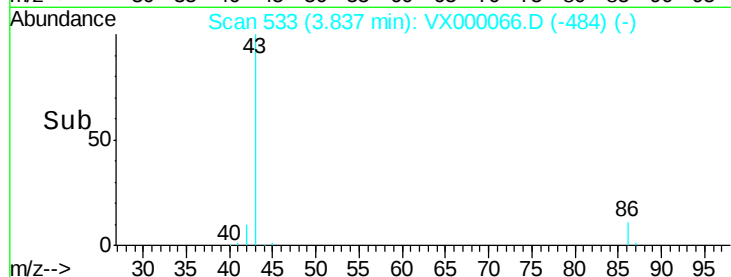
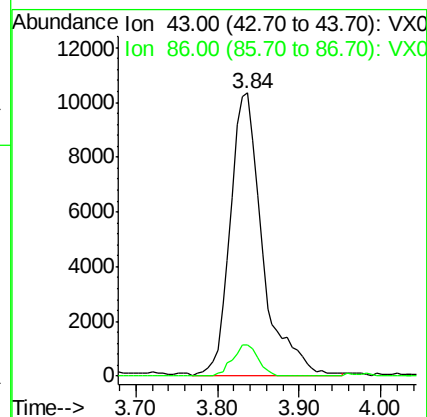
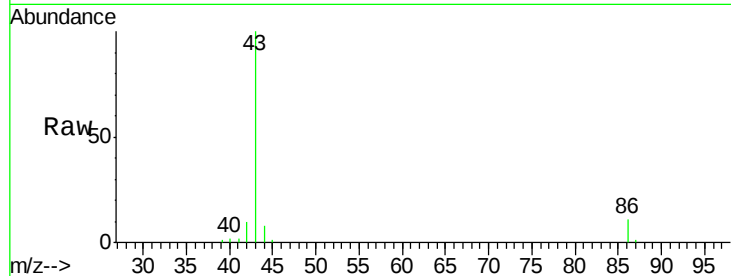
Ion Ratio Lower Upper

43 100

86 10.9 9.3 13.9

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#24

1,1-Dichloroethane

Concen: 2.02 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX000066.D

Acq: 12 Feb 2018 15:27

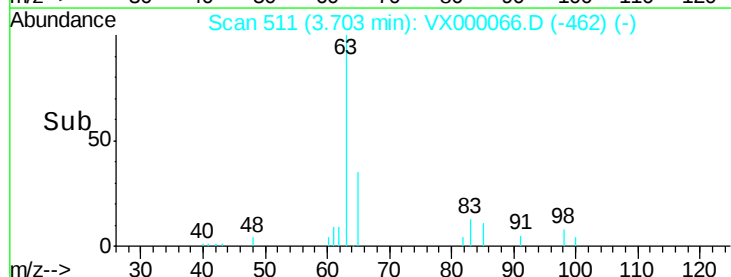
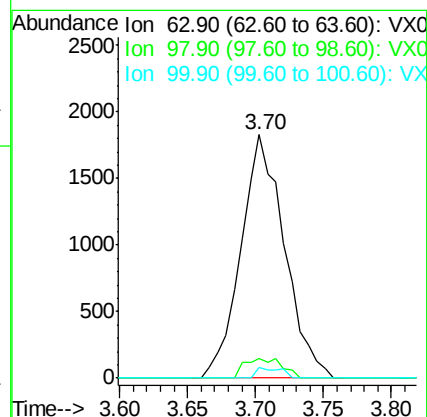
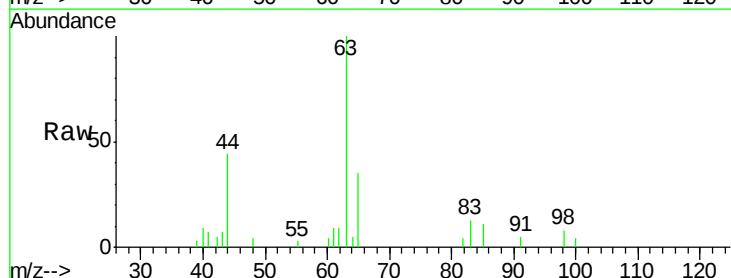
Tgt Ion: 63 Resp: 4099

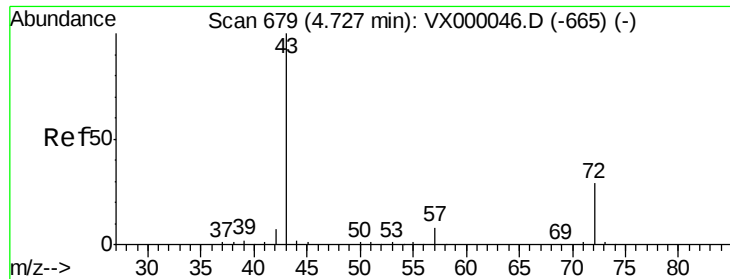
Ion Ratio Lower Upper

63 100

98 7.9 3.3 9.9

100 4.4 2.1 6.2





#25

2-Butanone

Concen: 11.52 ug/l

RT: 4.72 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX000066.D

Acq: 12 Feb 2018 15:27

Instrument :

ClientSampled :

MDL 01 2.00PPB

Tot Ion: 43 Resp: 12589

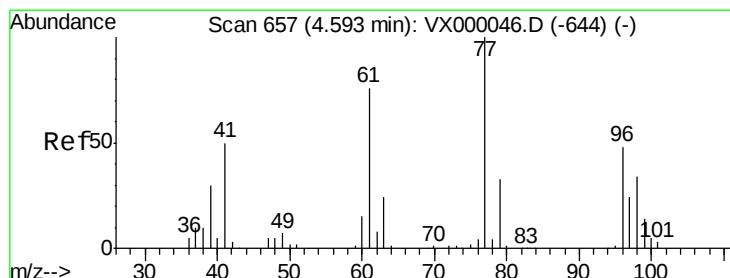
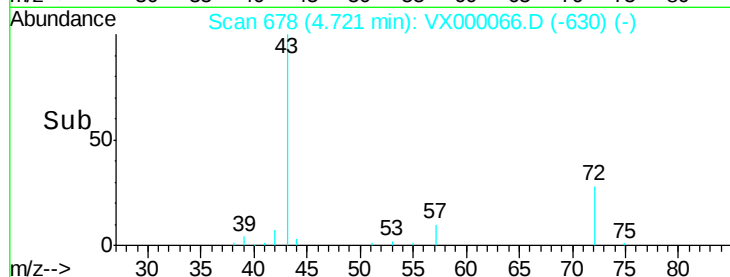
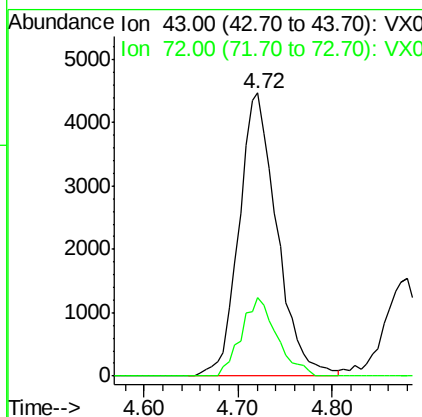
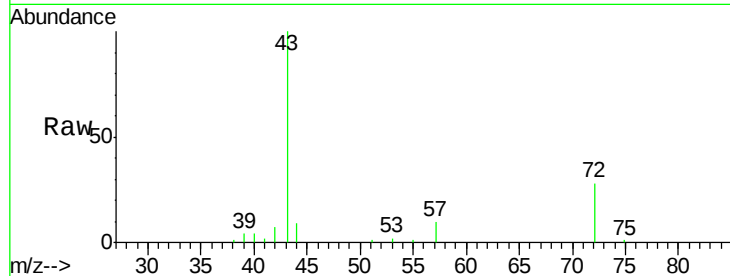
Ion Ratio Lower Upper

43 100

72 28.0 23.0 34.6

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#26

2,2-Dichloropropane

Concen: 2.08 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX000066.D

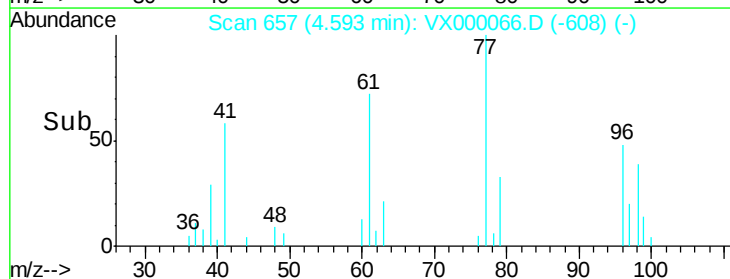
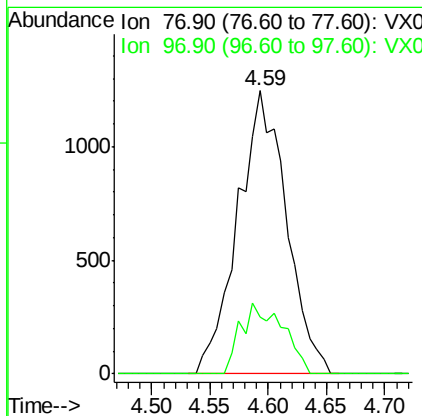
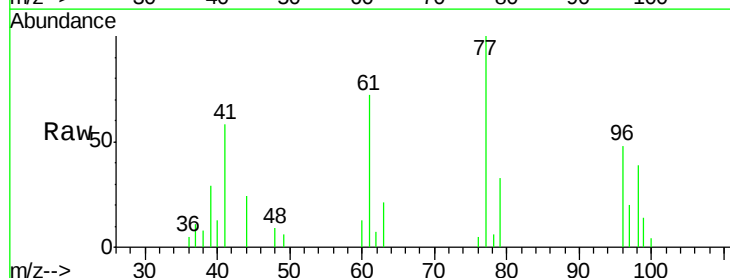
Acq: 12 Feb 2018 15:27

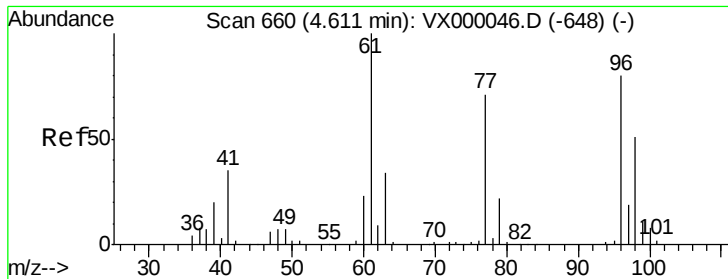
Tgt Ion: 77 Resp: 3626

Ion Ratio Lower Upper

77 100

97 21.7 11.8 35.4





#27

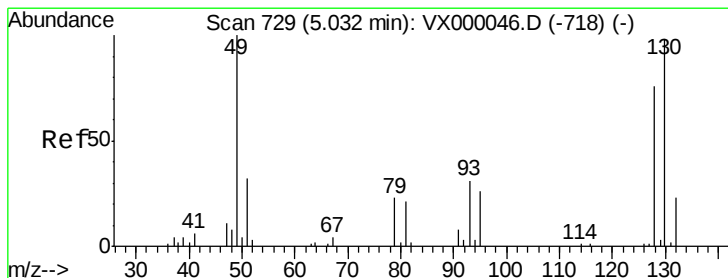
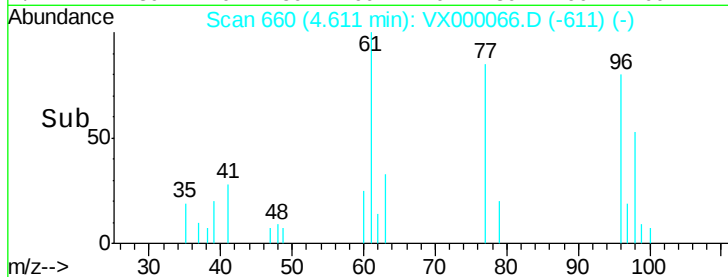
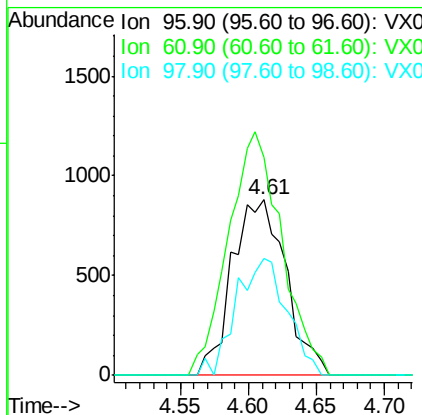
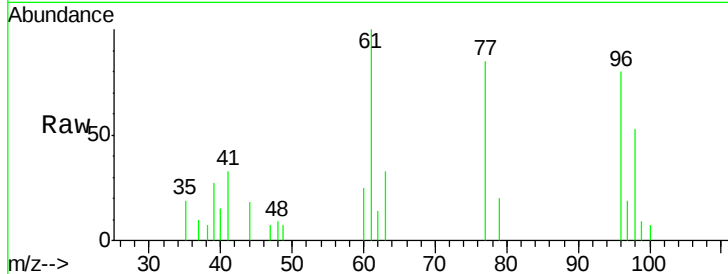
cis-1,2-Dichloroethene
Concen: 2.03 ug/l
RT: 4.61 min Scan# 660
Delta R.T. 0.00 min
Lab File: VX000066.D
Acq: 12 Feb 2018 15:27

Instrument :
ClientSampled :
MDL 01 2.00PPB

Tot Ion	Ratio	Lower	Upper
96	100		
61	137.6	0.0	274.4
98	62.9	0.0	132.4

Manual Integrations
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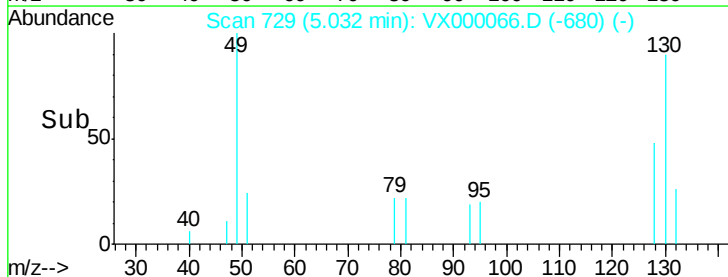
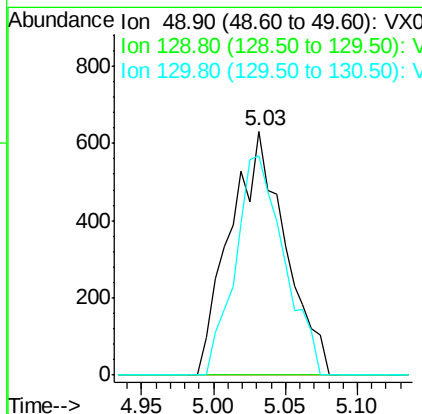
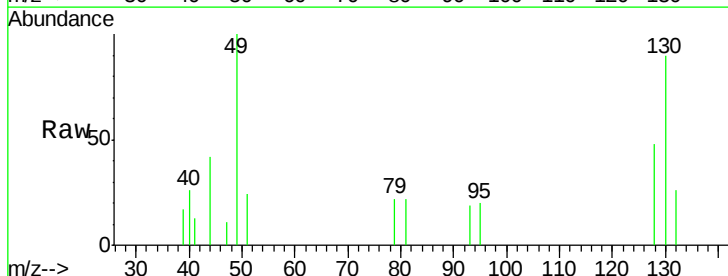
MMDadoda
2/15/2018 6:05:14 PM

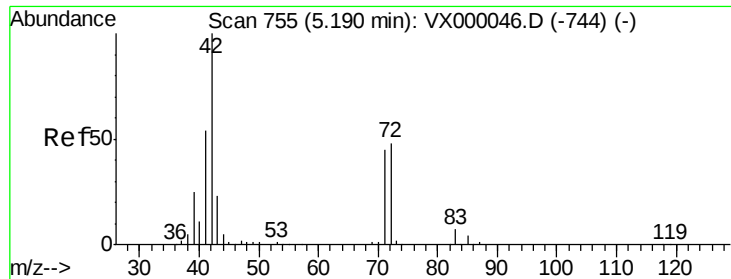


#28

Bromochloromethane
Concen: 2.50 ug/l
RT: 5.03 min Scan# 729
Delta R.T. 0.00 min
Lab File: VX000066.D
Acq: 12 Feb 2018 15:27

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	5.0
130	79.3	75.6	113.4





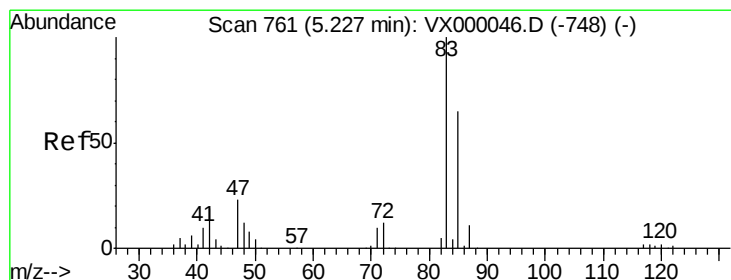
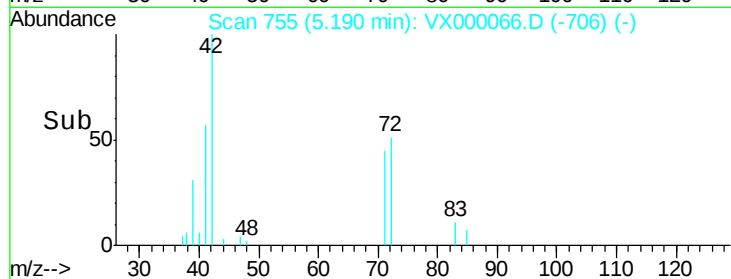
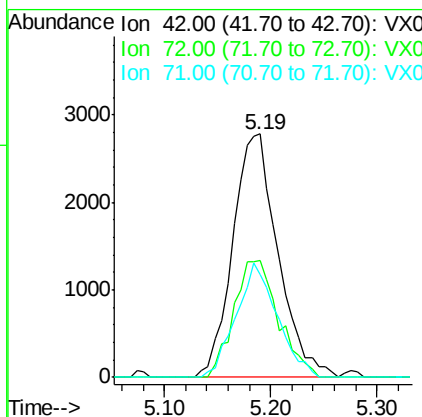
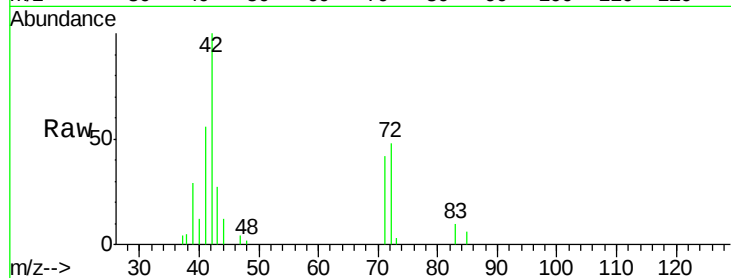
#29
Tetrahydrofuran
Concen: 11.07 ug/l
RT: 5.19 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX000066.D
Acq: 12 Feb 2018 15:27

Instrument :
ClientSampled :
MDL 01 2.00PPB

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.4	39.0	58.6
71	42.9	36.7	55.1

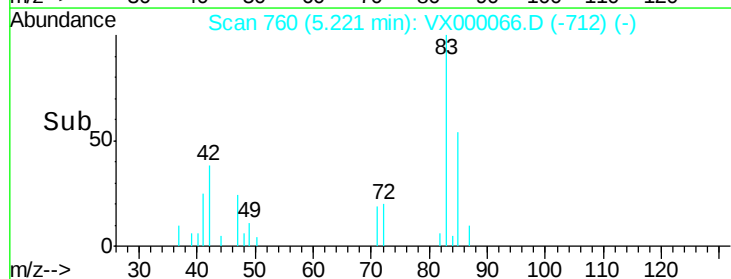
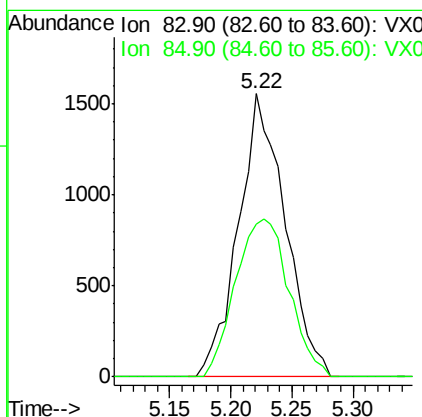
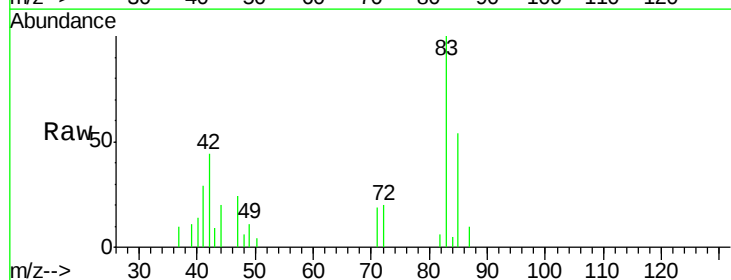
Manual Integrations
APPROVED

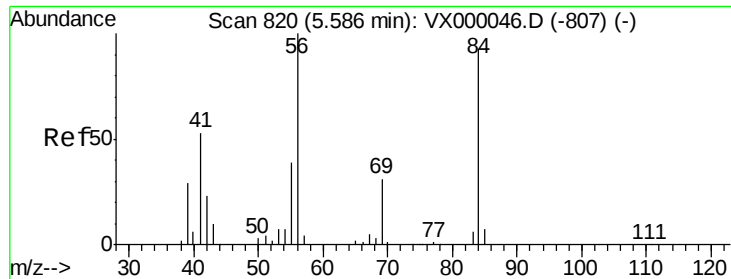
MMDadoda
2/15/2018 6:05:14 PM



#30
Chloroform
Concen: 2.01 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.01 min
Lab File: VX000066.D
Acq: 12 Feb 2018 15:27

Tgt Ion	Ratio	Lower	Upper
83	100		
85	53.9	51.9	77.9





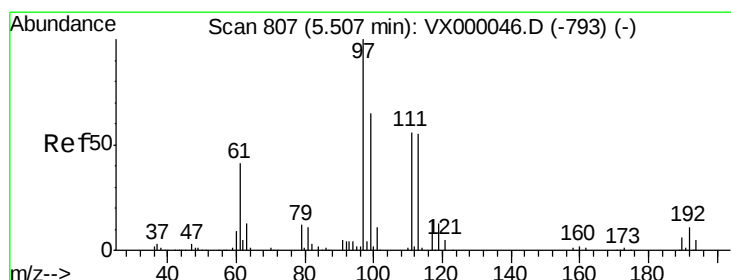
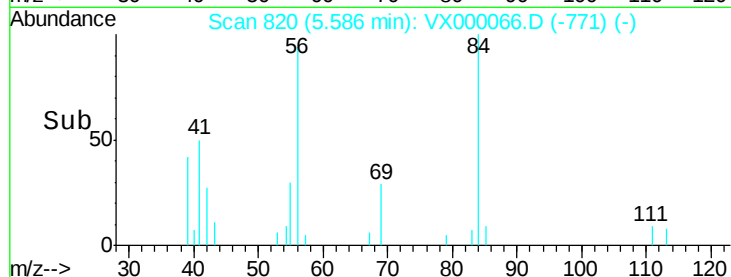
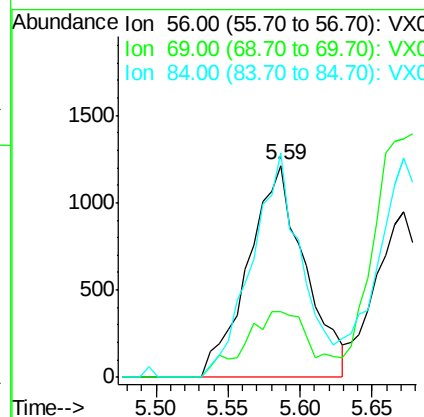
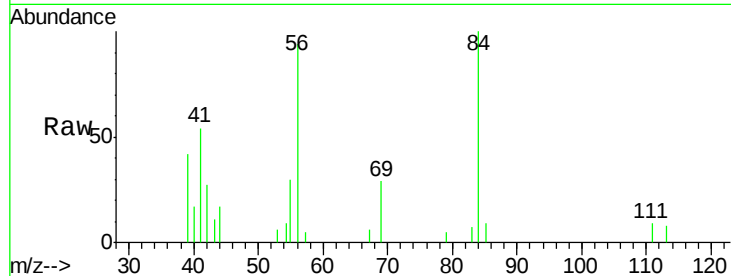
#31
Cyclohexane
Concen: 1.99 ug/l
RT: 5.59 min Scan# 820
Delta R.T. 0.00 min
Lab File: VX000066.D
Acq: 12 Feb 2018 15:27

Instrument :
ClientSampled :
MDL 01 2.00PPB

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.2	24.5	36.7
84	106.0	74.8	112.2

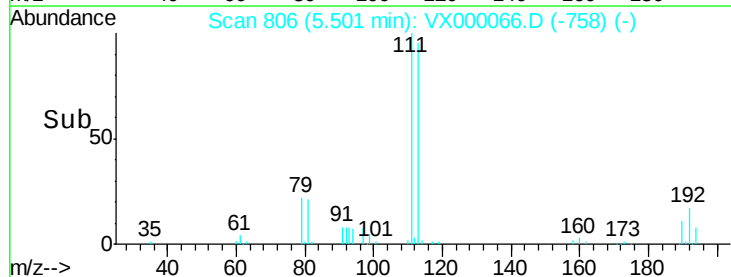
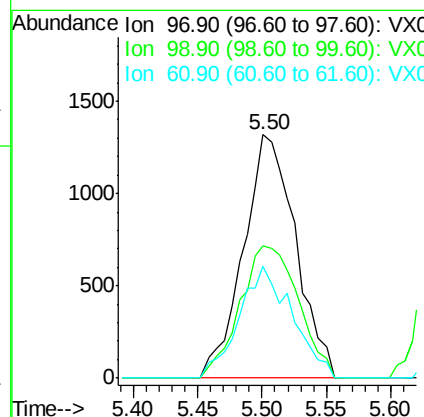
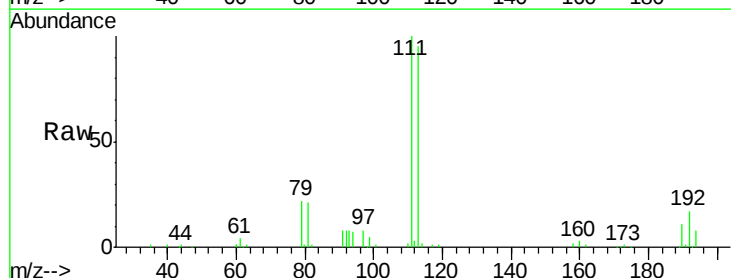
Manual Integrations
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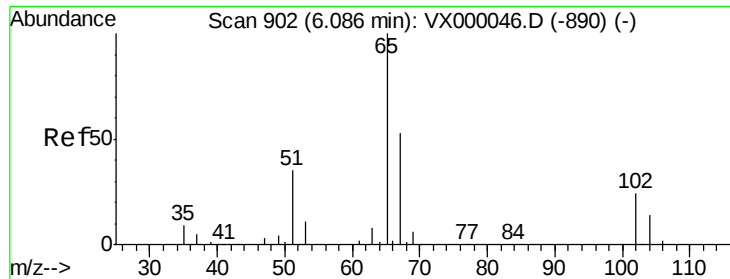
MMDadoda
2/15/2018 6:05:14 PM



#32
1,1,1-Trichloroethane
Concen: 1.92 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.01 min
Lab File: VX000066.D
Acq: 12 Feb 2018 15:27

Tgt Ion	Ratio	Lower	Upper
97	100		
99	60.8	50.8	76.2
61	46.8	32.1	48.1





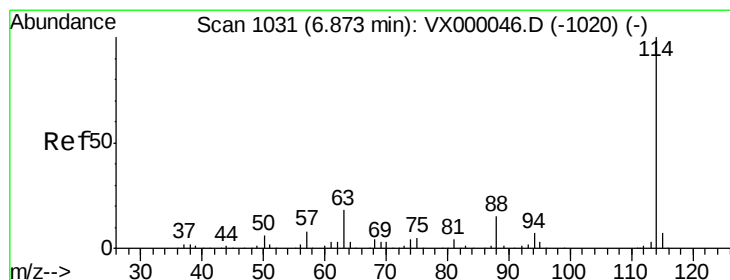
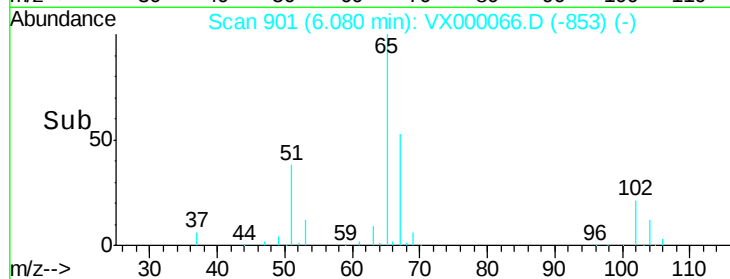
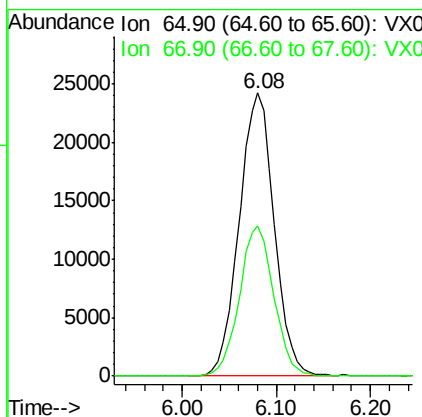
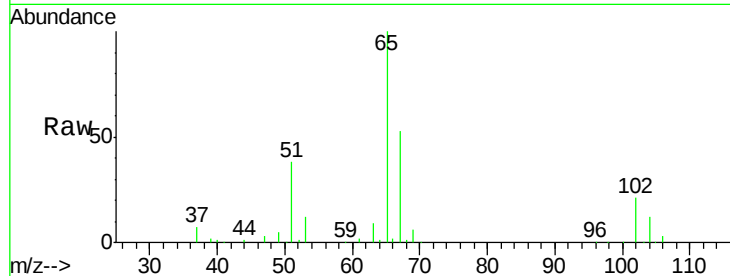
#33
 1,2-Dichloroethane-d4
 Concen: 51.49 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. -0.01 min
 Lab File: VX000066.D
 Acq: 12 Feb 2018 15:27

Instrument :
 ClientSampled :
 MDL 01 2.00PPB

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	106.0

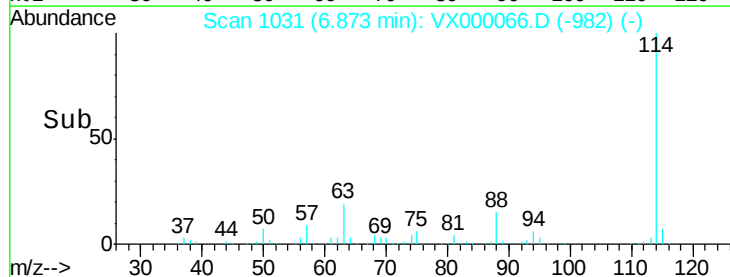
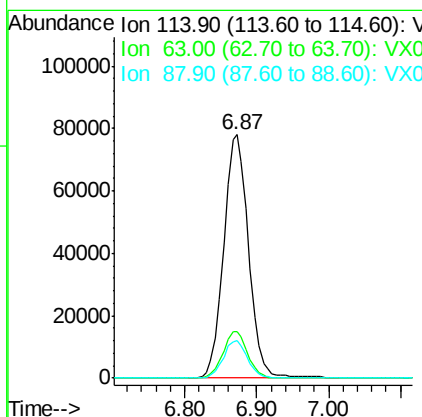
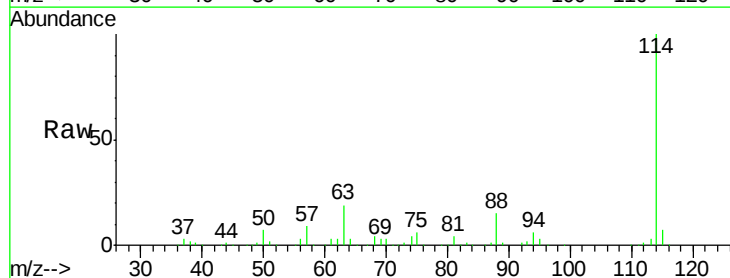
Manual Integrations
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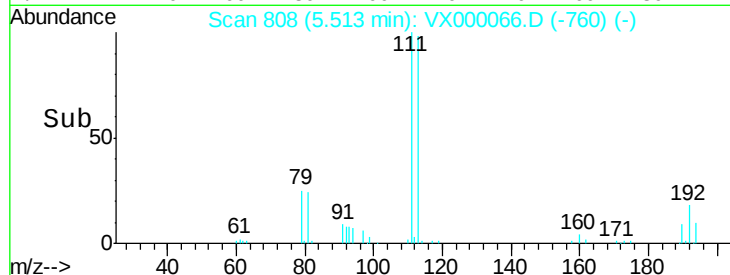
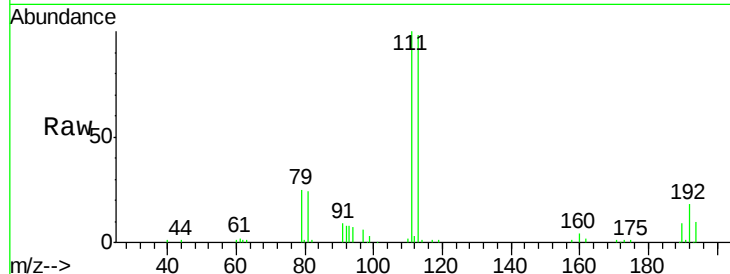
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 2/15/2018 6:05:14 PM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: VX000066.D
 Acq: 12 Feb 2018 15:27

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	36.0
88	15.2	0.0	30.4





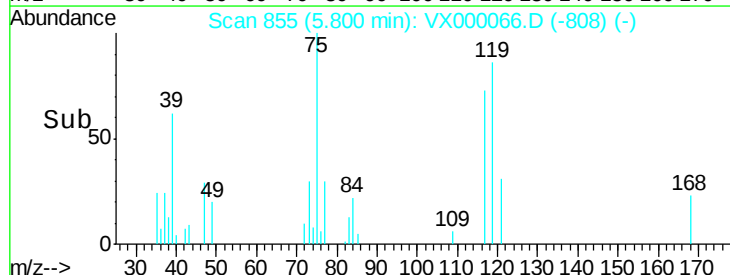
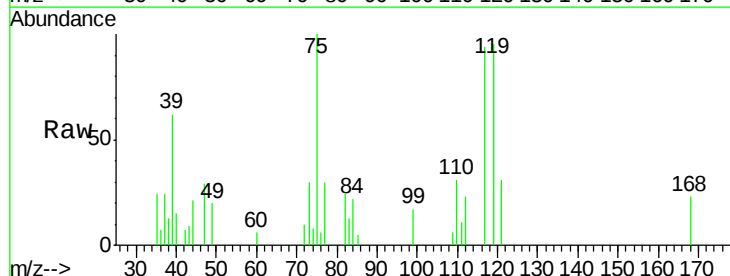
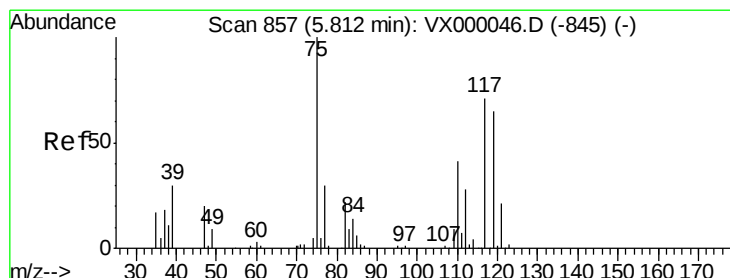
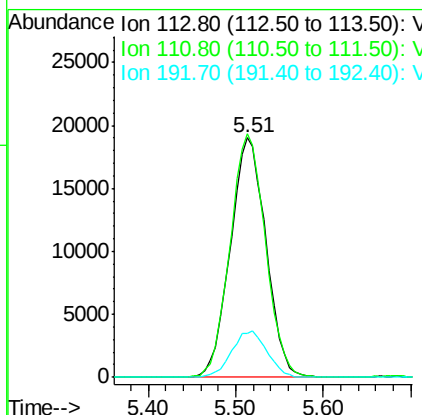
#35
Dibromofluoromethane
Concen: 49.28 ug/l
RT: 5.51 min Scan# 808
Delta R.T. -0.01 min
Lab File: VX000066.D
Acq: 12 Feb 2018 15:27

Tot Ion	Ratio	Resp	Lower	Upper
113	100	53890		
111	100.6	80.5	120.7	
192	19.1	16.9	25.3	

Instrument :
ClientSampled :
MDL 01 2.00PPB

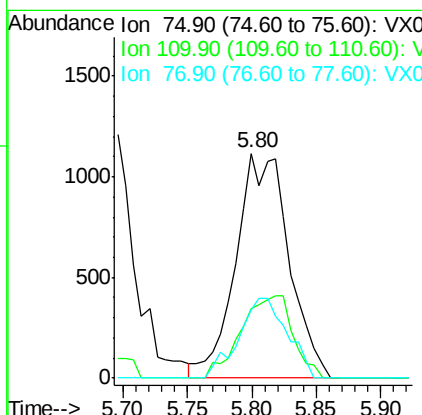
Manual Integrations
APPROVED

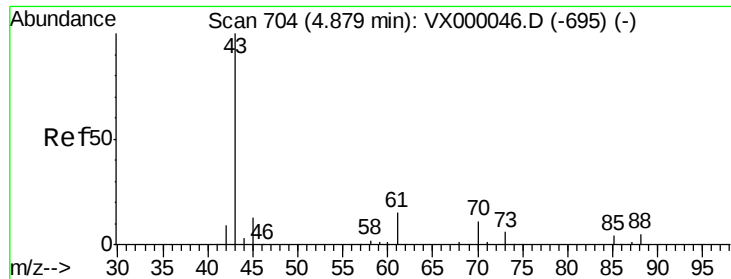
MMDadoda
2/15/2018 6:05:14 PM



#36
1,1-Dichloropropene
Concen: 1.95 ug/l
RT: 5.80 min Scan# 855
Delta R.T. -0.01 min
Lab File: VX000066.D
Acq: 12 Feb 2018 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	3184		
110	0.0	19.4	58.4#	
77	32.7	24.2	36.4	





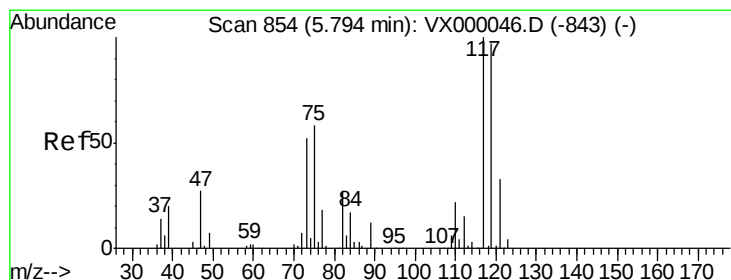
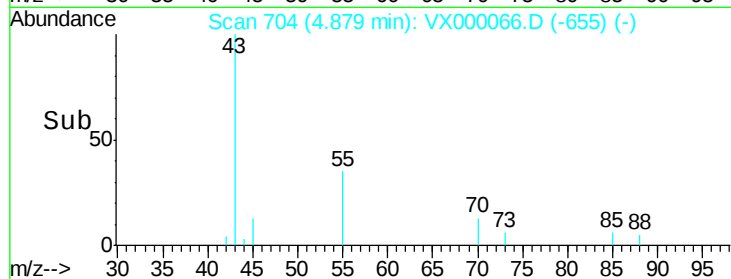
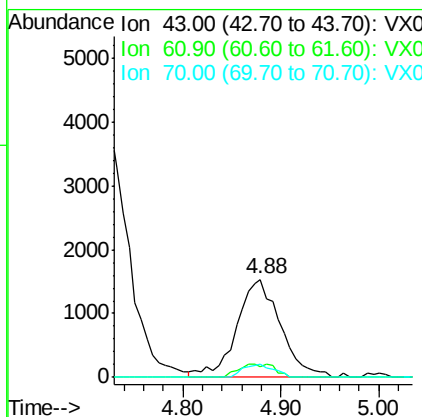
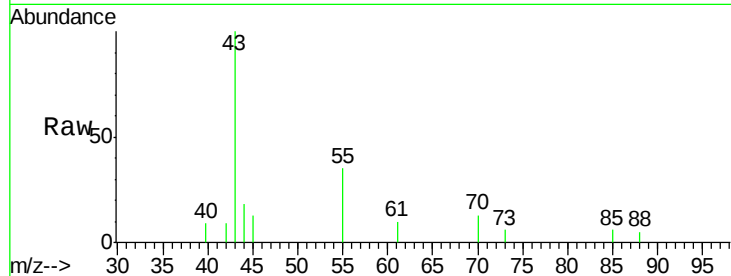
#37
Ethyl Acetate
Concen: 2.28 ug/l
RT: 4.88 min Scan# 704
Delta R.T. -0.00 min
Lab File: VX000066.D
Acq: 12 Feb 2018 15:27

Instrument :
Client Sampled :
MDL 01 2.00PPB

Tot Ion	Ratio	Lower	Upper
43	100		
61	10.9	11.4	17.2#
70	9.2	9.0	13.6

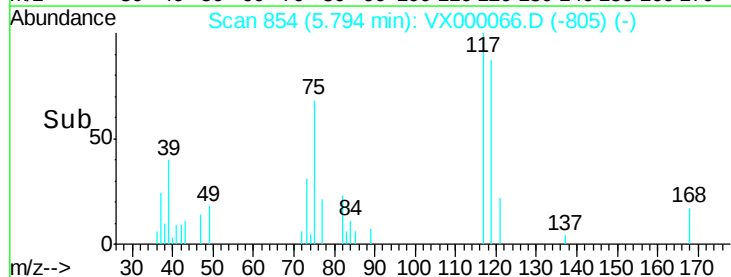
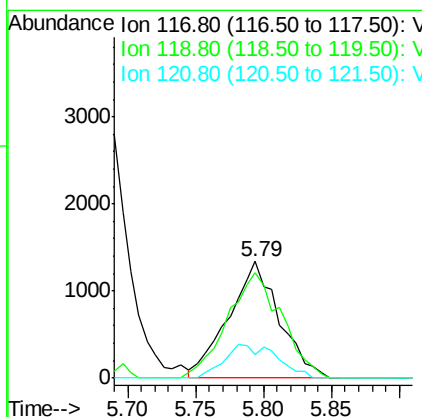
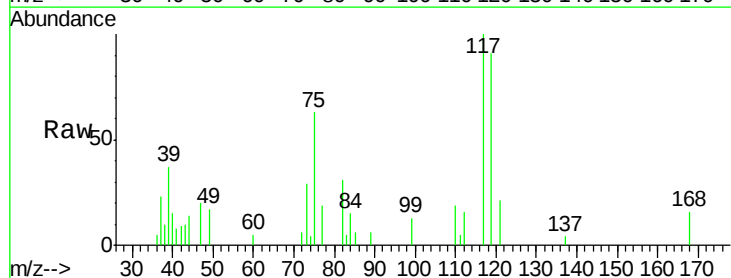
Manual Integrations
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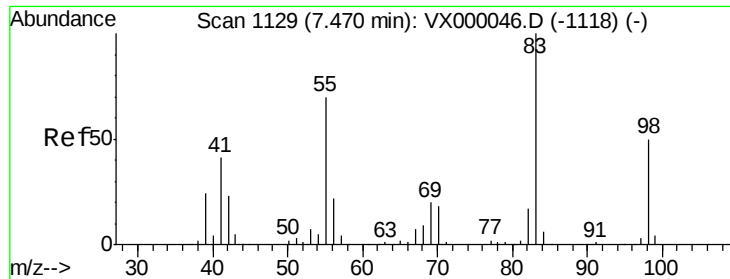
MMDadoda
2/15/2018 6:05:14 PM



#38
Carbon Tetrachloride
Concen: 1.90 ug/l
RT: 5.79 min Scan# 854
Delta R.T. 0.00 min
Lab File: VX000066.D
Acq: 12 Feb 2018 15:27

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.0	76.9	115.3
121	20.5	25.8	38.8#





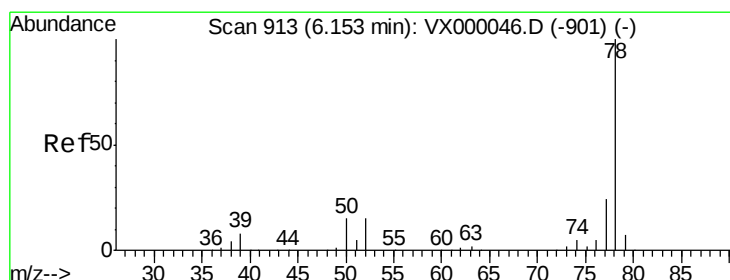
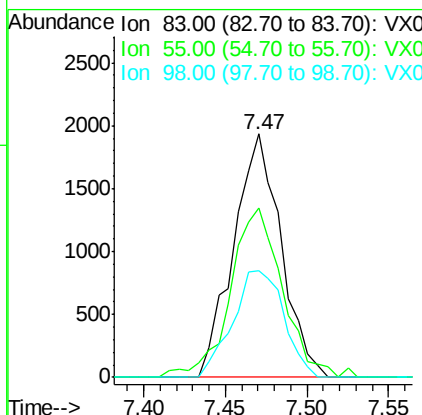
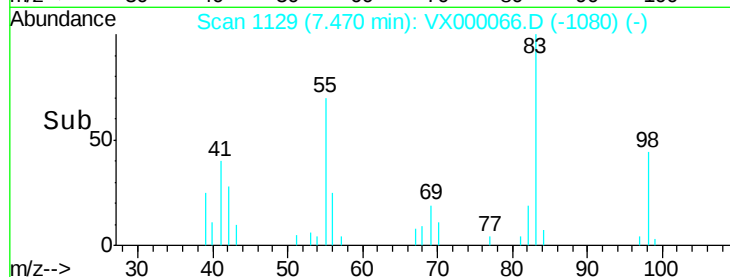
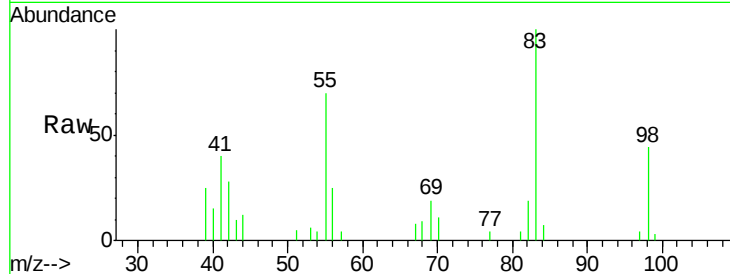
#39
Methvlcvclohexane
Concen: 1.98 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VX000066.D
Acq: 12 Feb 2018 15:27

Instrument :
ClientSampled :
MDL 01 2.00PPB

Tot Ion	Ratio	Lower	Upper
83	100		
55	69.6	55.7	83.5
98	44.0	39.7	59.5

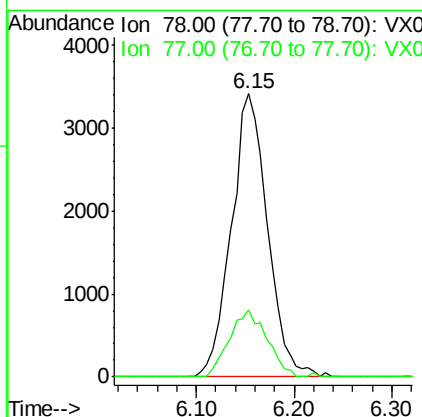
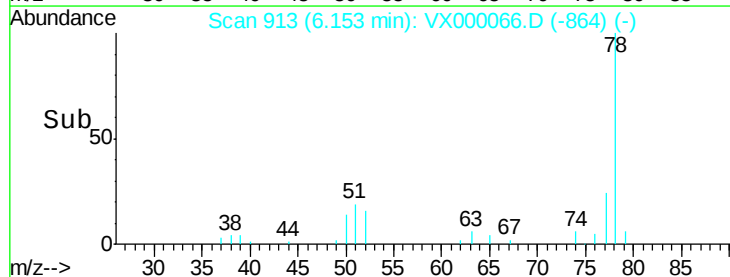
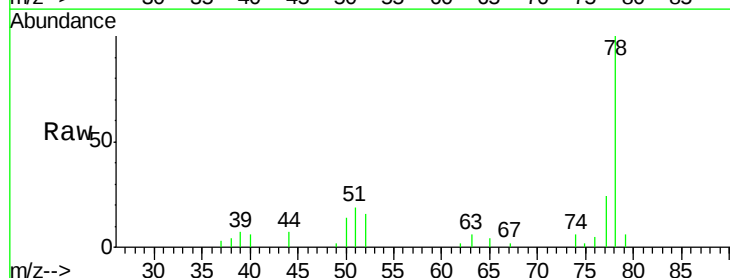
Manual Integrations
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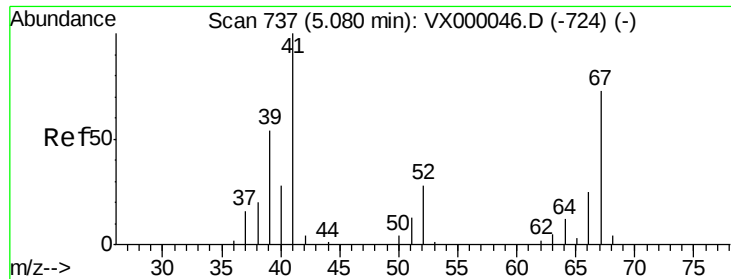
MMDadoda
2/15/2018 6:05:14 PM



#40
Benzene
Concen: 1.90 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.00 min
Lab File: VX000066.D
Acq: 12 Feb 2018 15:27

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.4	29.2





#41

Methacrylonitrile

Concen: 1.72 ug/l m

RT: 5.07 min Scan# 736

Delta R.T. -0.01 min

Lab File: VX000066.D

Acq: 12 Feb 2018 15:27

Instrument :

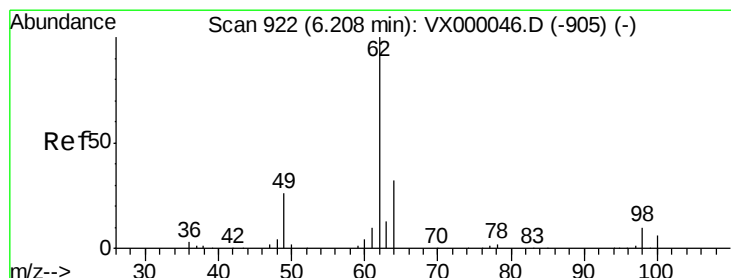
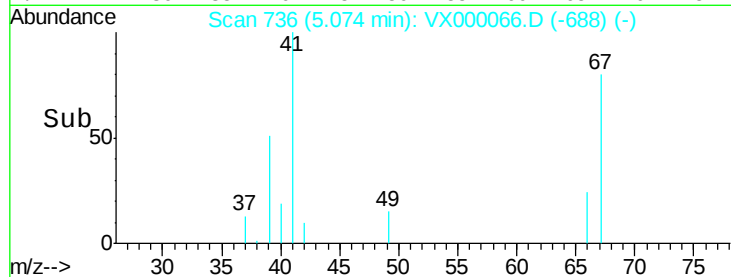
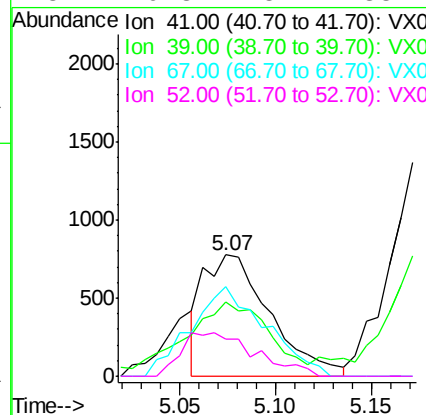
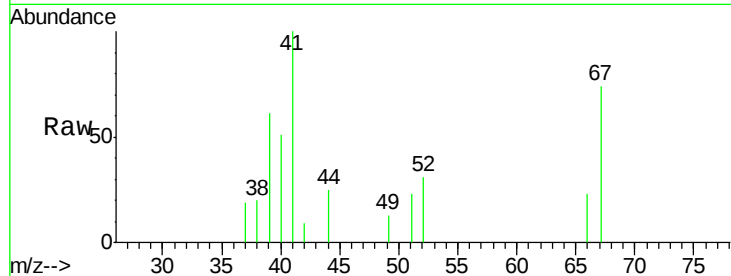
ClientSampled :

MDL 01 2.00PPB

Tot Ion:	41	Resp:	1864
Ion	Ratio	Lower	Upper
41	100		
39	81.5	45.8	68.8#
67	84.2	60.6	91.0
52	40.3	25.4	38.2#

Manual Integrations
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2/15/2018 6:05:14 PM



#42

1,2-Dichloroethane

Concen: 1.98 ug/l

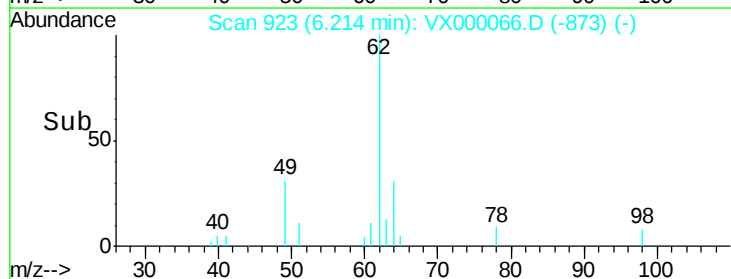
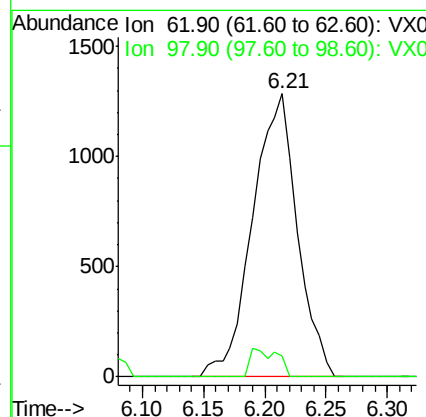
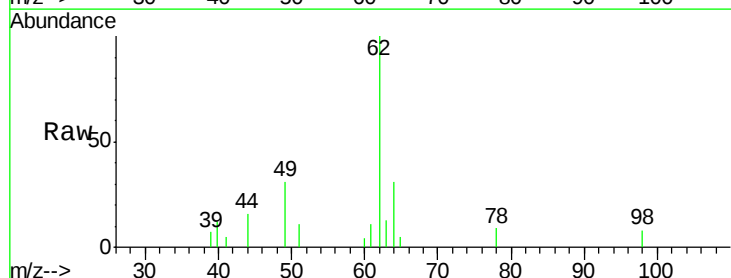
RT: 6.21 min Scan# 923

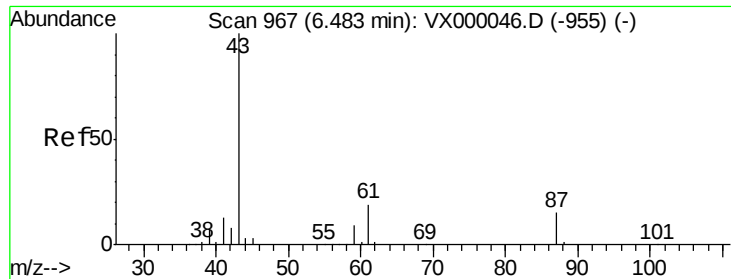
Delta R.T. 0.01 min

Lab File: VX000066.D

Acq: 12 Feb 2018 15:27

Tgt Ion:	62	Resp:	3266
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	18.6





#43

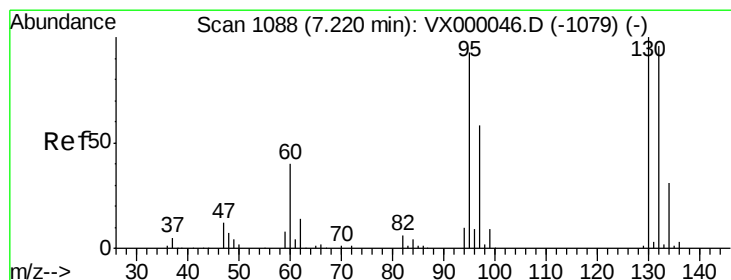
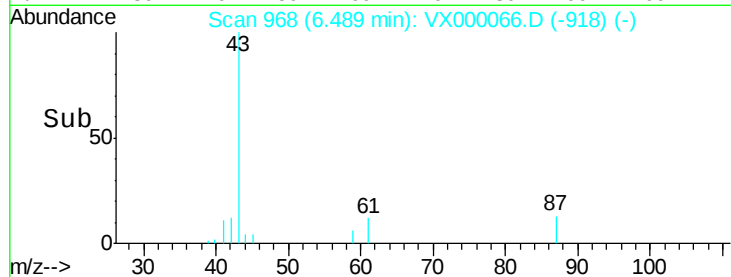
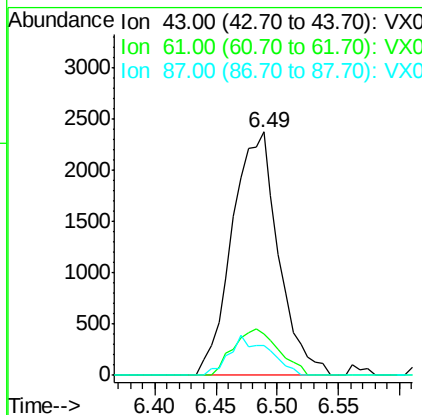
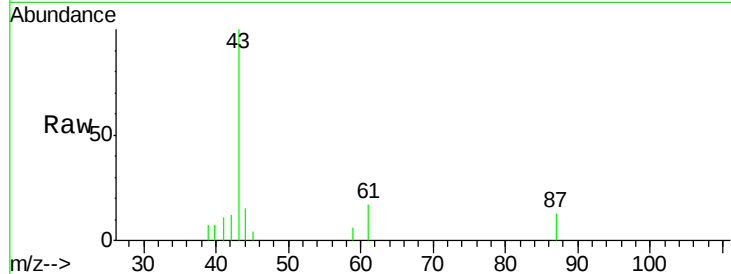
Isopropyl Acetate
 Concen: 1.97 ug/l
 RT: 6.49 min Scan# 968
 Delta R.T. 0.01 min
 Lab File: VX000066.D
 Acq: 12 Feb 2018 15:27

Instrument :
 ClientSampled :
 MDL 01 2.00PPB

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.5	15.9	23.9
87	13.9	11.8	17.6

Manual Integrations
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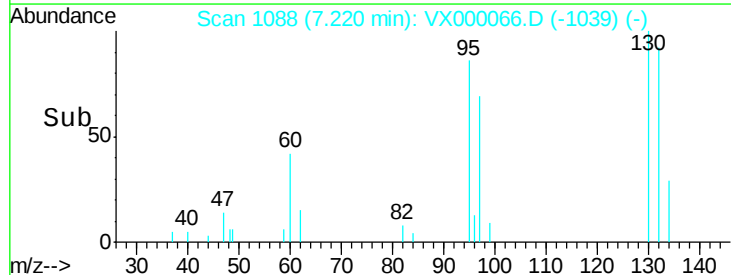
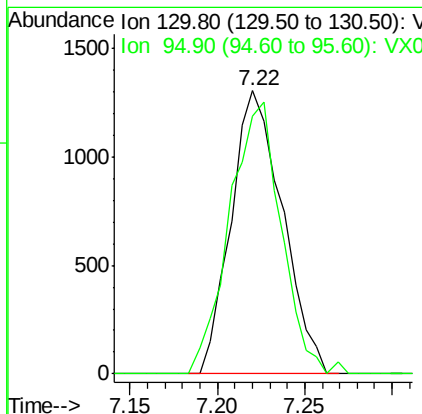
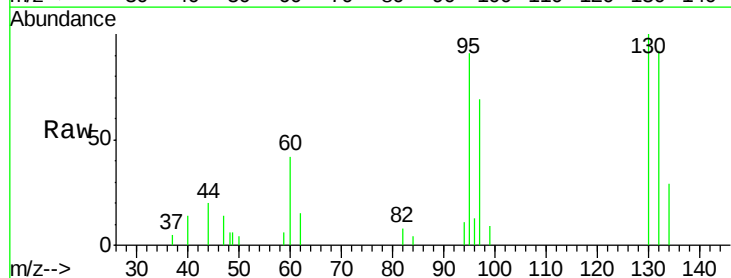
MMDadoda
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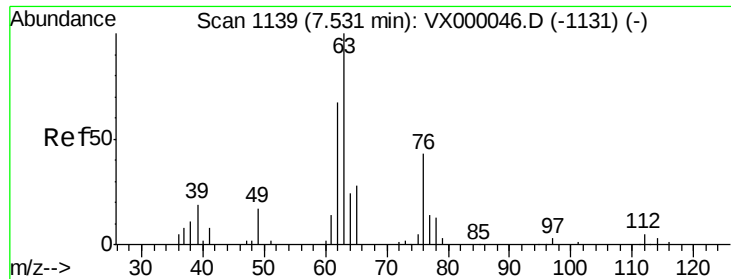


#44

Trichloroethene
 Concen: 1.87 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX000066.D
 Acq: 12 Feb 2018 15:27

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.2	0.0	185.2





#45

1,2-Dichloropropane

Concen: 1.94 ug/l

RT: 7.53 min Scan# 1138

Delta R.T. -0.01 min

Lab File: VX000066.D

Acq: 12 Feb 2018 15:27

Instrument :

ClientSampled :

MDL 01 2.00PPB

Tot Ion: 63 Resp: 2176

Ion Ratio Lower Upper

63 100

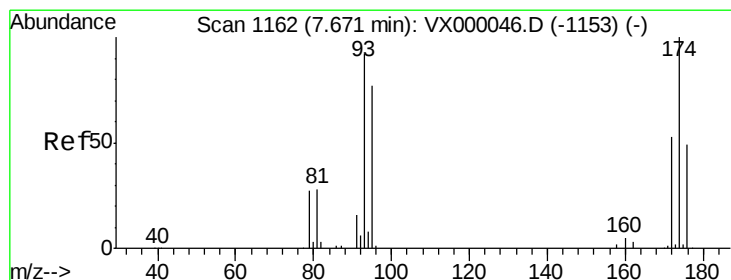
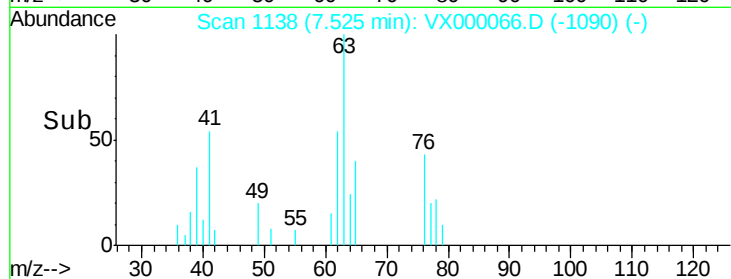
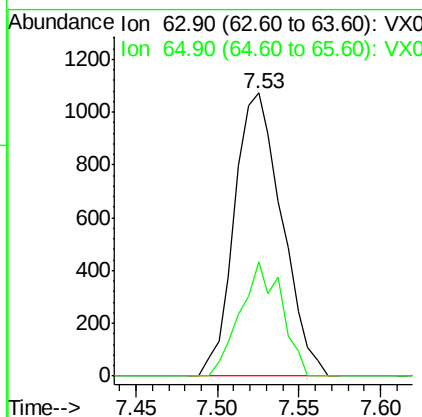
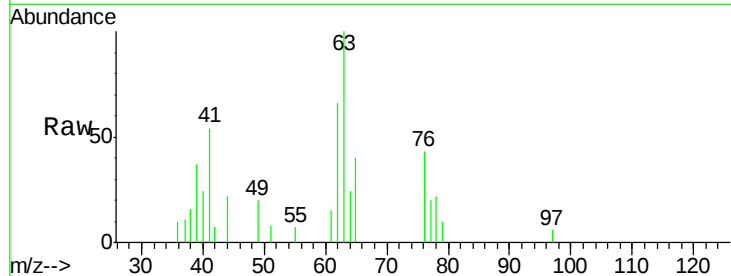
65 40.3 23.7 35.5#

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#46

Dibromomethane

Concen: 1.85 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. 0.00 min

Lab File: VX000066.D

Acq: 12 Feb 2018 15:27

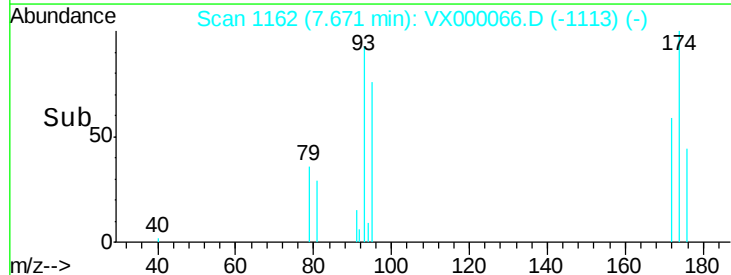
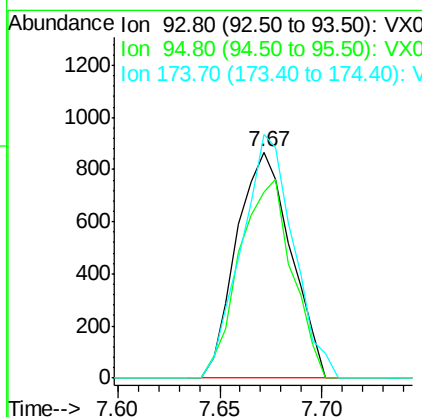
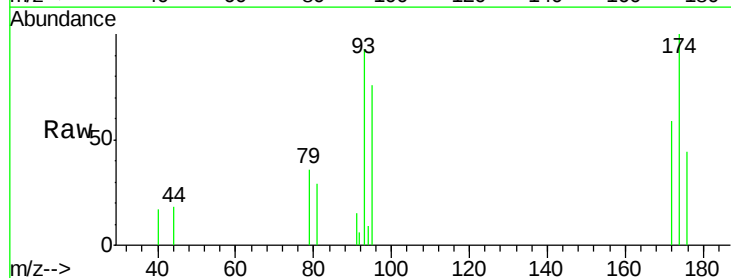
Tgt Ion: 93 Resp: 1604

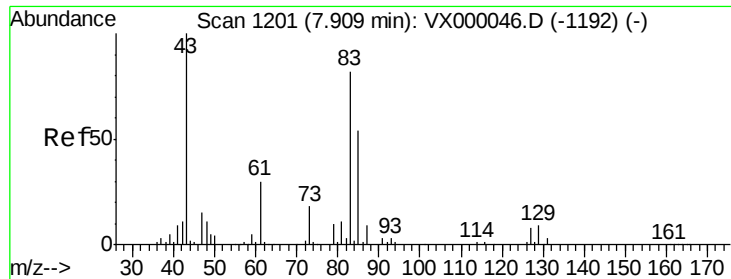
Ion Ratio Lower Upper

93 100

95 85.3 66.3 99.5

174 103.2 90.4 135.6





#47

Bromodichloromethane

Concen: 1.82 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.00 min

Lab File: VX000066.D

Acq: 12 Feb 2018 15:27

Instrument :

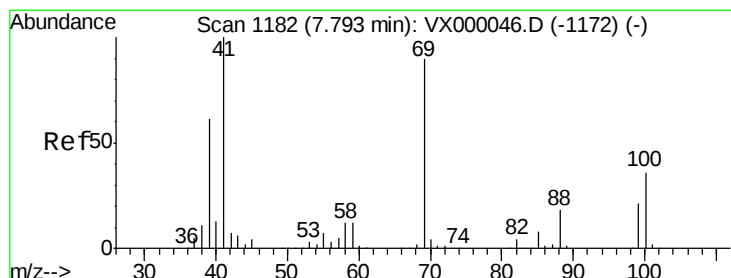
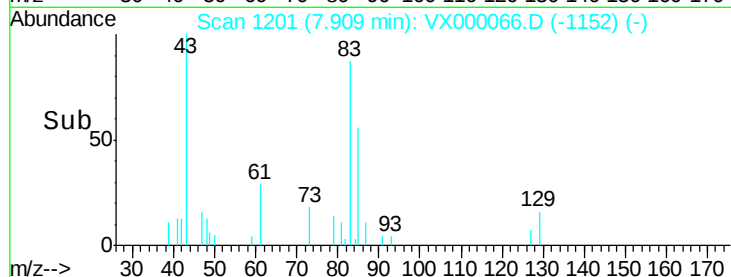
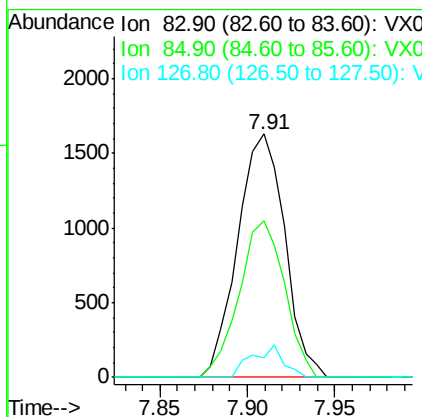
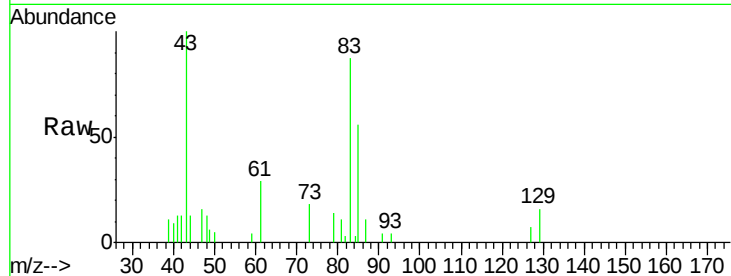
ClientSampled :

MDL 01 2.00PPB

Tot Ion:	83	Resp:	3065
Ion	Ratio	Lower	Upper
83	100		
85	64.4	52.3	78.5
127	8.2	7.4	11.0

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#48

Methyl methacrylate

Concen: 2.02 ug/l

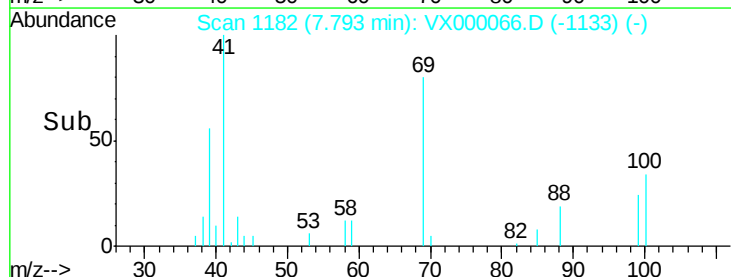
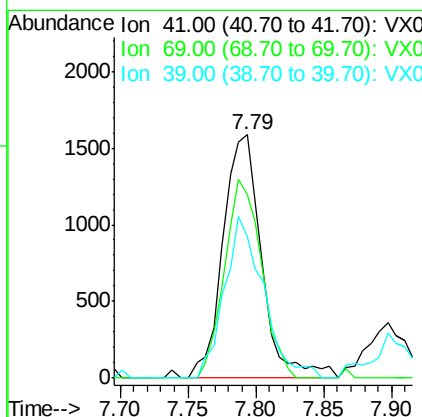
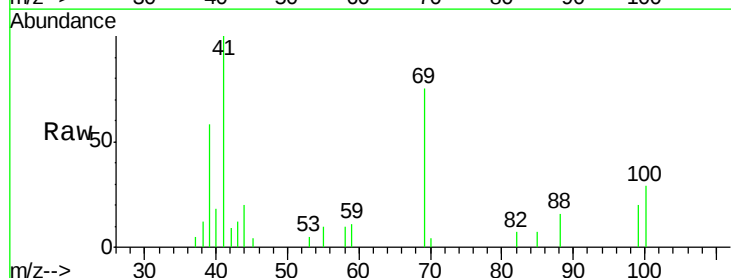
RT: 7.79 min Scan# 1182

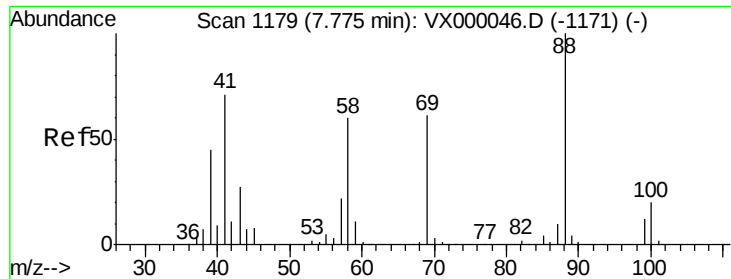
Delta R.T. 0.00 min

Lab File: VX000066.D

Acq: 12 Feb 2018 15:27

Tgt Ion:	41	Resp:	3141
Ion	Ratio	Lower	Upper
41	100		
69	77.8	72.1	108.1
39	66.8	49.6	74.4





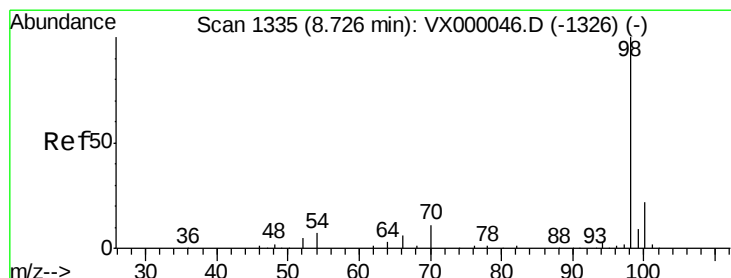
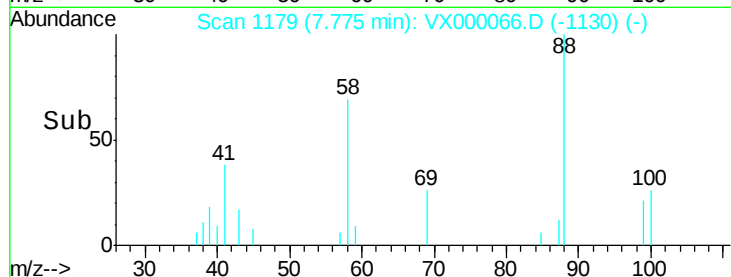
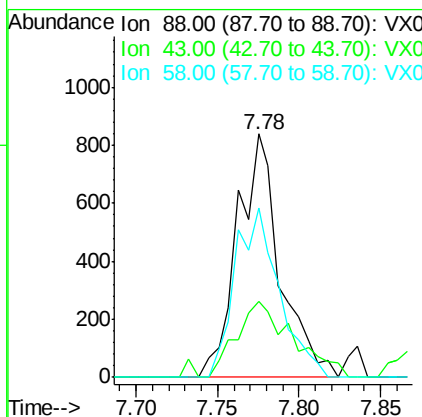
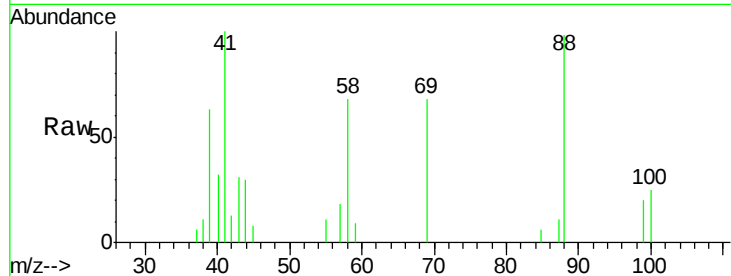
#49
1,4-Dioxane
Concen: 36.78 ug/l
RT: 7.78 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VX000066.D
Acq: 12 Feb 2018 15:27

Instrument :
ClientSampled :
MDL 01 2.00PPB

Tot Ion	Ratio	Lower	Upper
88	100		
43	41.5	22.6	33.8#
58	71.8	49.4	74.2

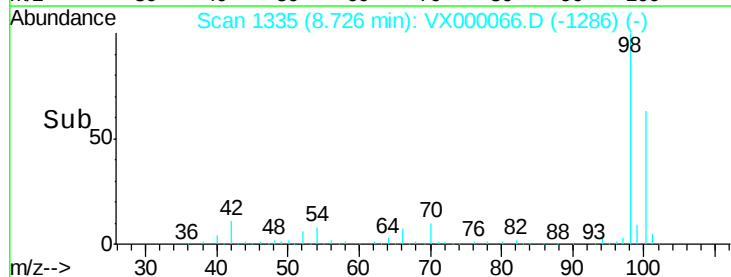
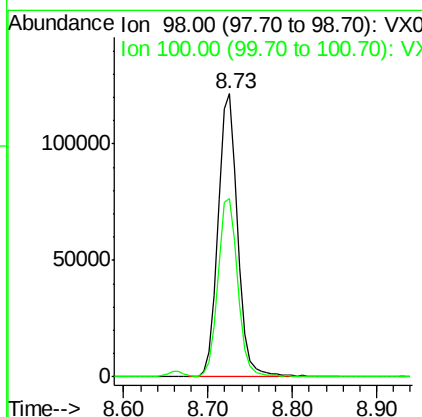
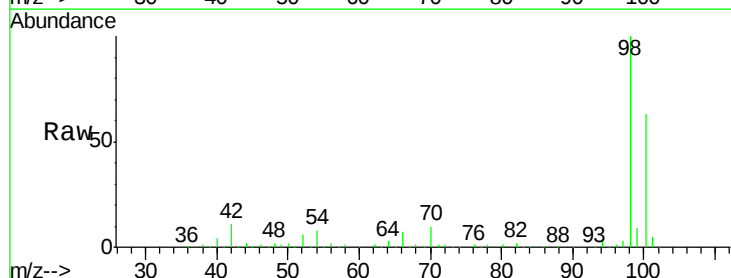
Manual Integrations
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#50
Toluene-d8
Concen: 48.28 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX000066.D
Acq: 12 Feb 2018 15:27

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.8	77.6





#51

4-Methyl-2-Pentanone

Concen: 9.77 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.01 min

Lab File: VX000066.D

Acq: 12 Feb 2018 15:27

Instrument :

ClientSampled :

MDL 01 2.00PPB

Tot Ion: 43 Resp: 21621

Ion Ratio Lower Upper

43 100

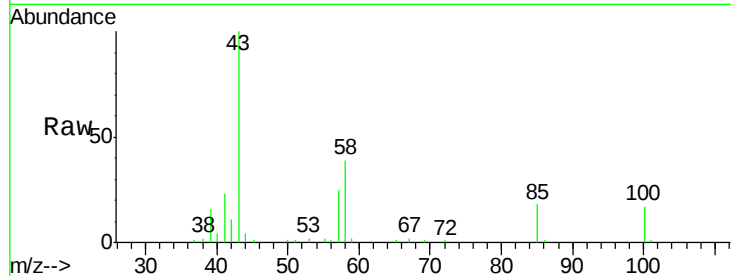
58 38.5 32.1 48.1

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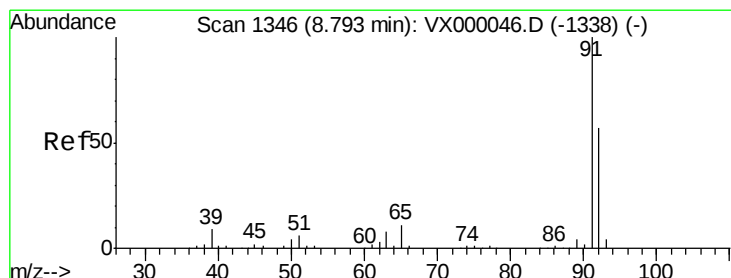
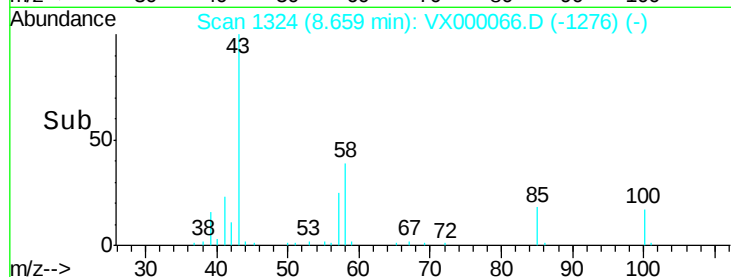
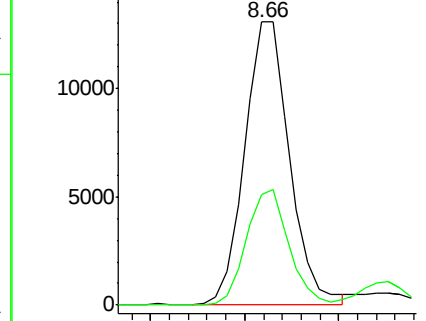
MMDadoda

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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: 1.92 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX000066.D

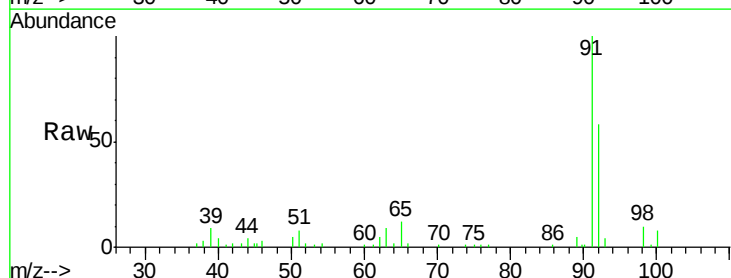
Acq: 12 Feb 2018 15:27

Tgt Ion: 92 Resp: 5931

Ion Ratio Lower Upper

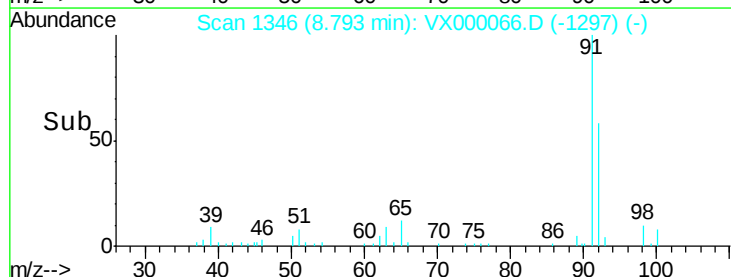
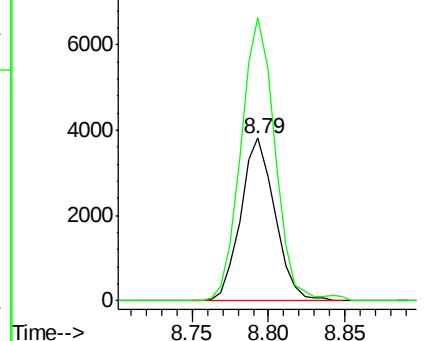
92 100

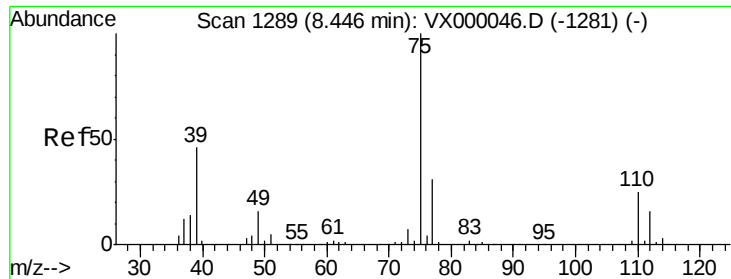
91 173.6 139.8 209.6



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: 1.85 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VX000066.D

Acq: 12 Feb 2018 15:27

Instrument :

ClientSampled :

MDL 01 2.00PPB

Tot Ion: 75 Resp: 3640

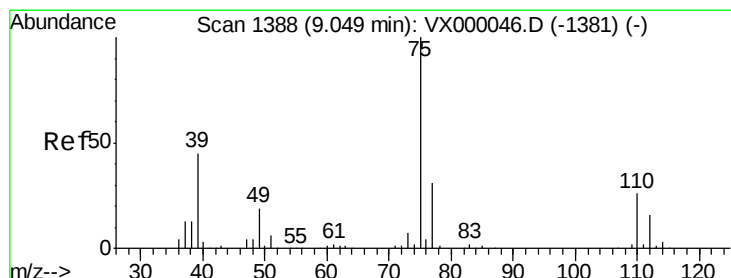
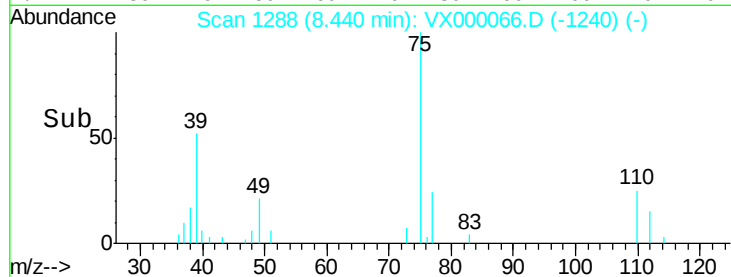
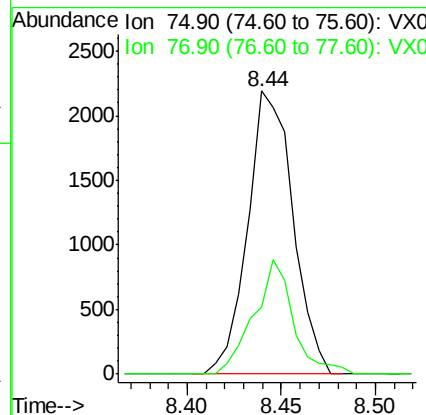
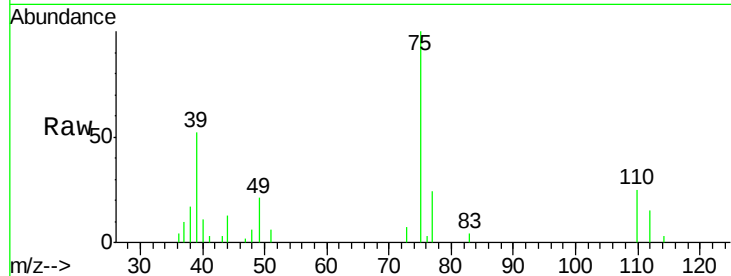
Ion Ratio Lower Upper

75 100

77 23.7 25.0 37.4#

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#54

cis-1,3-Dichloropropene

Concen: 1.85 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX000066.D

Acq: 12 Feb 2018 15:27

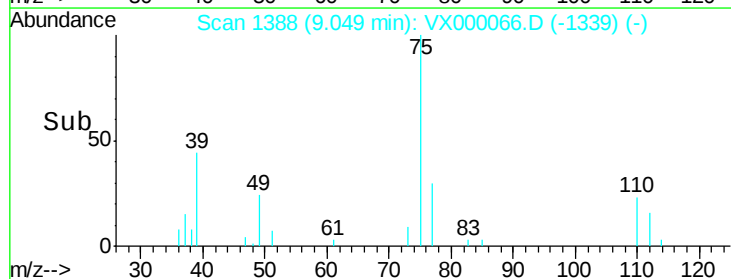
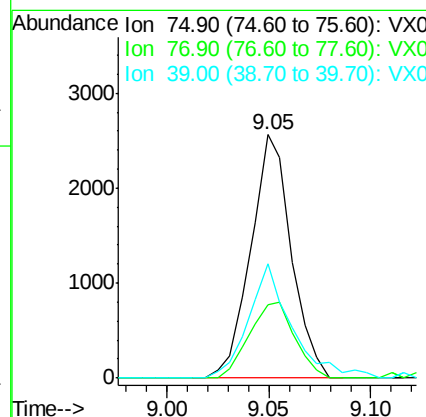
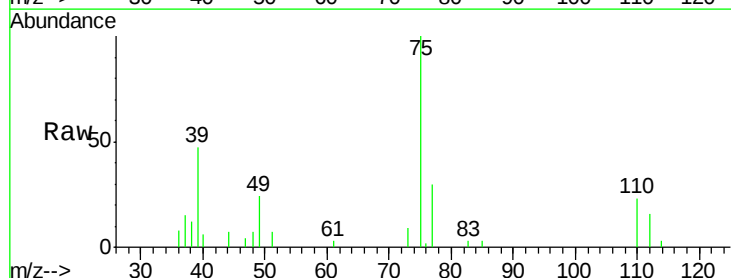
Tgt Ion: 75 Resp: 3545

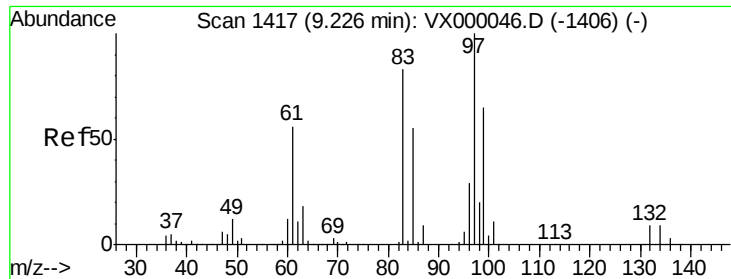
Ion Ratio Lower Upper

75 100

77 30.0 25.1 37.7

39 46.7 36.1 54.1





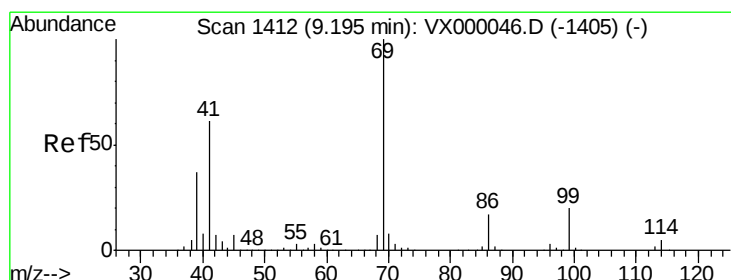
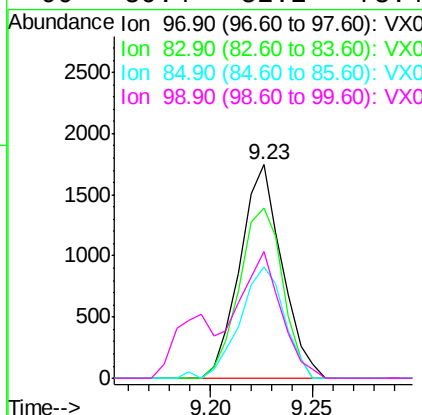
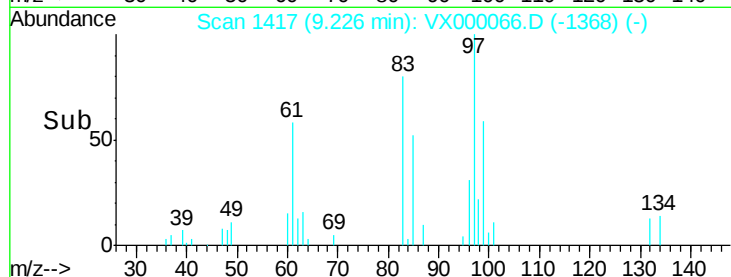
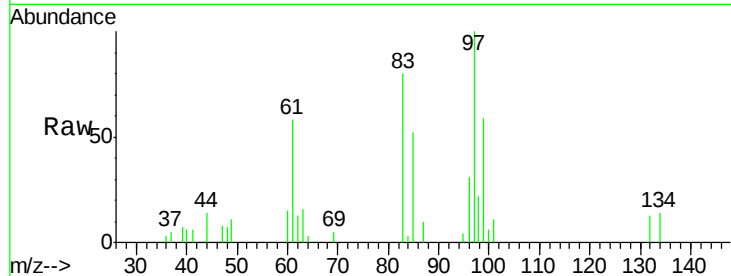
#55
 1,1,2-Trichloroethane
 Concen: 1.93 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. 0.00 min
 Lab File: VX000066.D
 Acq: 12 Feb 2018 15:27

Instrument :
 ClientSampled :
 MDL 01 2.00PPB

Tot Ion:	97	Resp:	2501
Ion	Ratio	Lower	Upper
97	100		
83	79.8	66.5	99.7
85	52.4	43.8	65.6
99	59.4	52.2	78.4

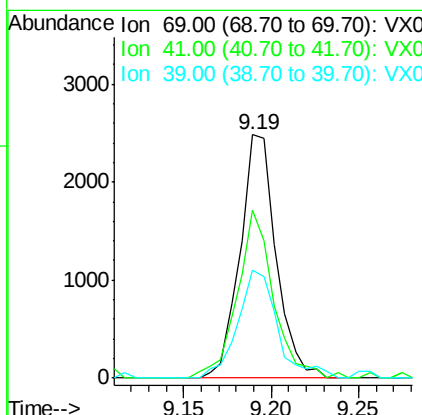
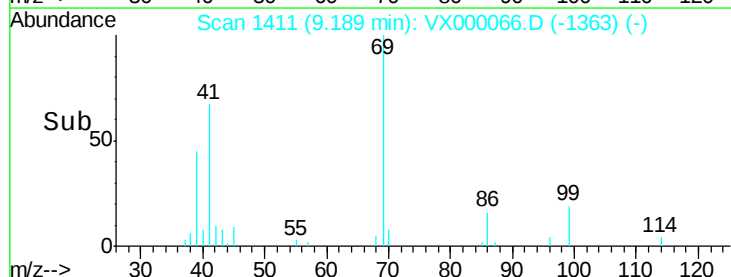
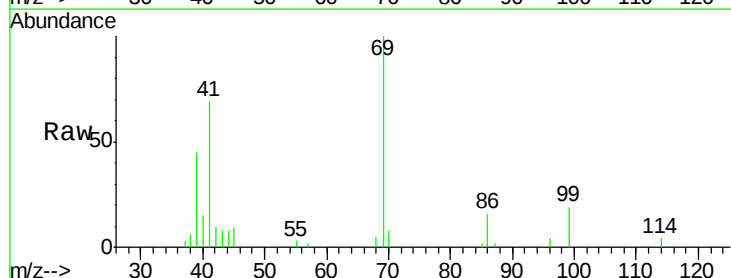
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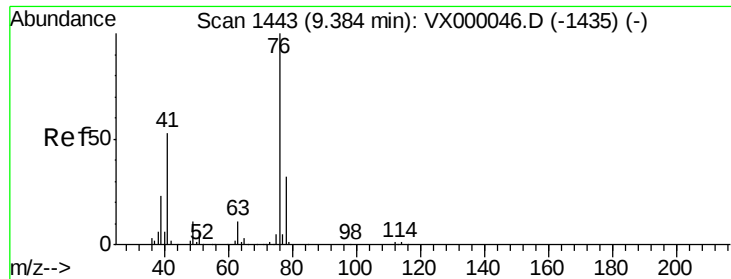
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#56
 Ethyl methacrylate
 Concen: 1.79 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.01 min
 Lab File: VX000066.D
 Acq: 12 Feb 2018 15:27

Tgt Ion:	69	Resp:	3571
Ion	Ratio	Lower	Upper
69	100		
41	69.2	49.5	74.3
39	48.8	29.9	44.9#





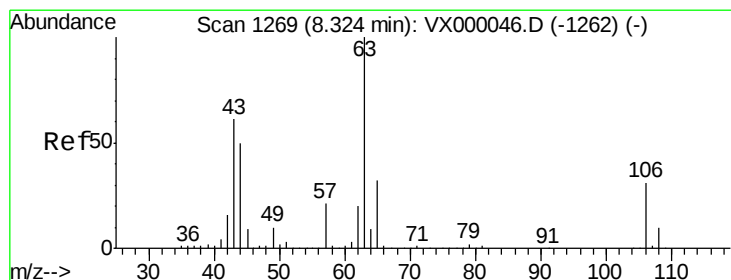
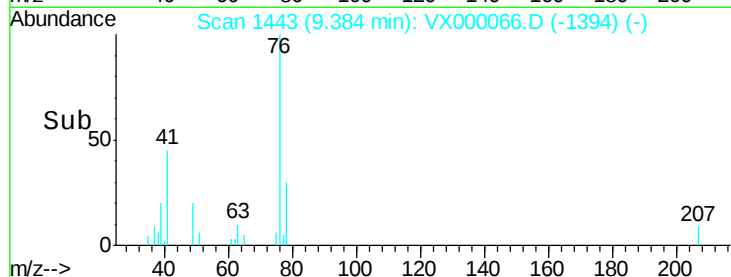
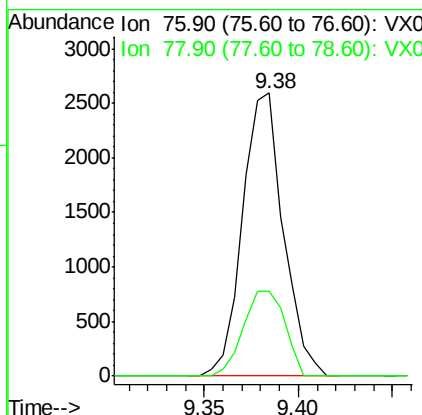
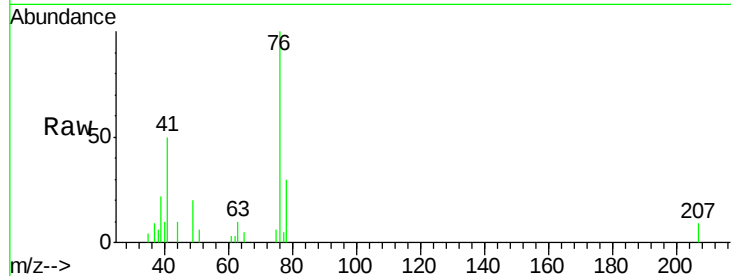
#57
 1,3-Dichloropropane
 Concen: 1.93 ug/l
 RT: 9.38 min Scan# 1443
 Delta R.T. 0.00 min
 Lab File: VX000066.D
 Acq: 12 Feb 2018 15:27

Instrument :
 ClientSampled :
 MDL 01 2.00PPB

Tot Ion: 76 Resp: 3897
 Ion Ratio Lower Upper
 76 100
 78 30.6 25.9 38.9

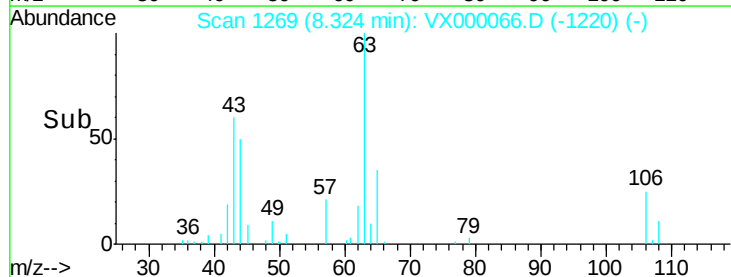
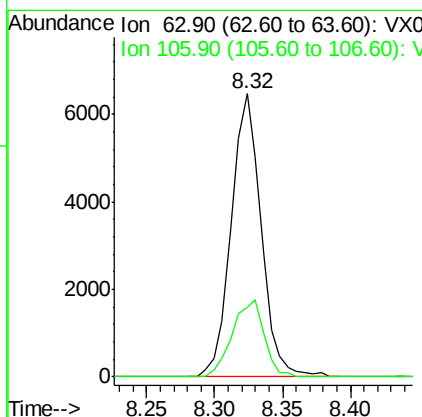
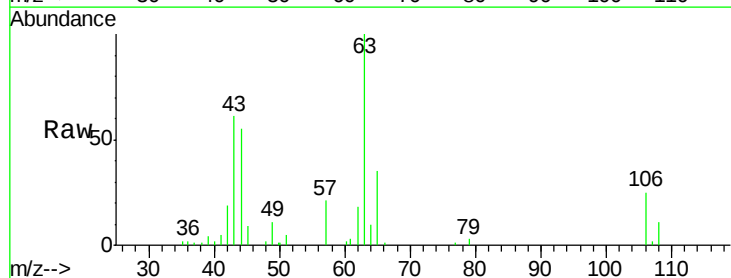
Manual Integrations
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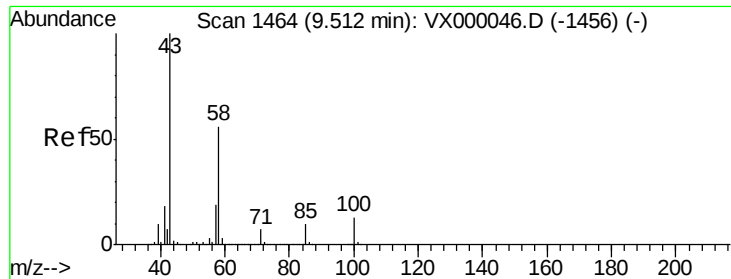
MMDadoda
 2/15/2018 6:05:14 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 10.09 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VX000066.D
 Acq: 12 Feb 2018 15:27

Tgt Ion: 63 Resp: 9929
 Ion Ratio Lower Upper
 63 100
 106 28.8 24.7 37.1





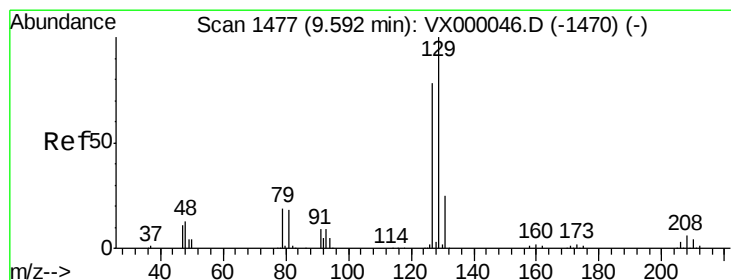
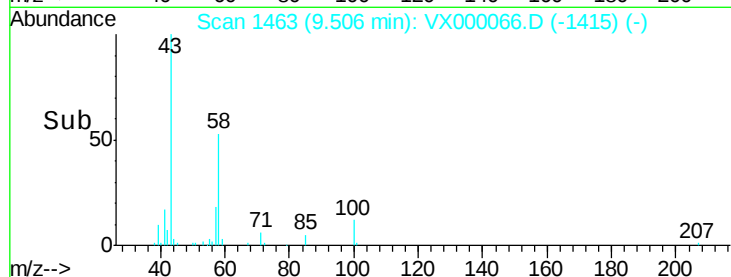
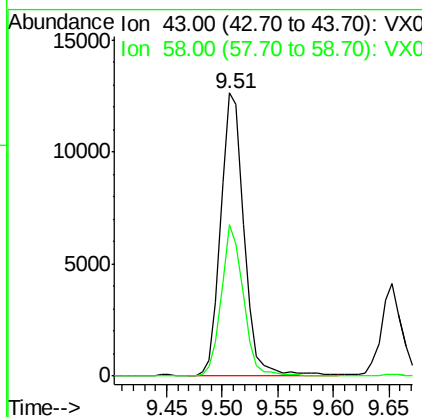
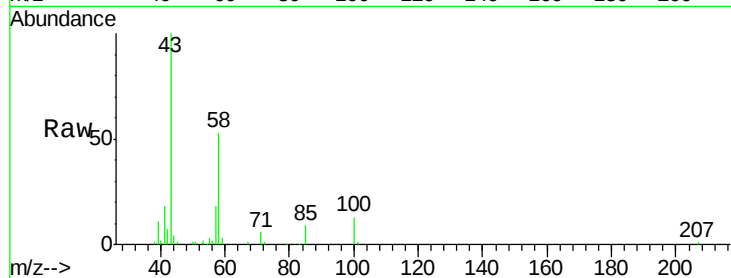
#59
2-Hexanone
Concen: 10.27 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.01 min
Lab File: VX000066.D
Acq: 12 Feb 2018 15:27

Instrument :
ClientSampled :
MDL 01 2.00PPB

Tot Ion: 43 Resp: 18477
Ion Ratio Lower Upper
43 100
58 50.0 27.6 82.7

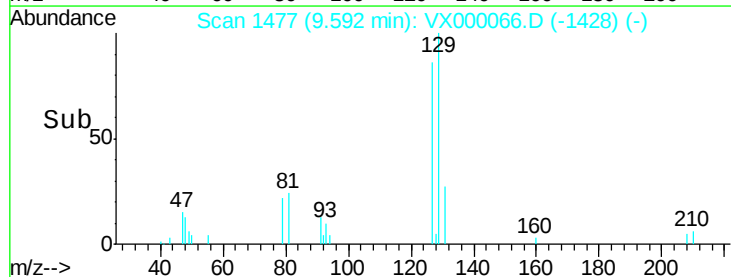
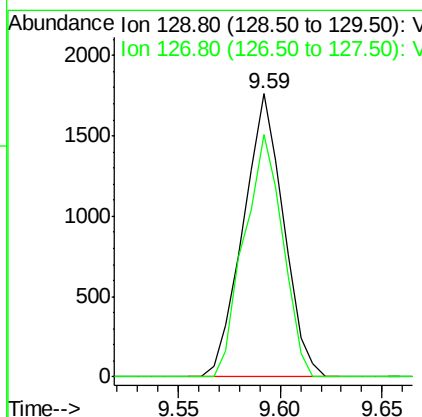
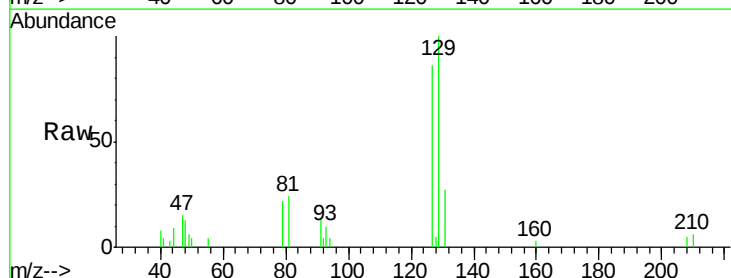
Manual Integrations
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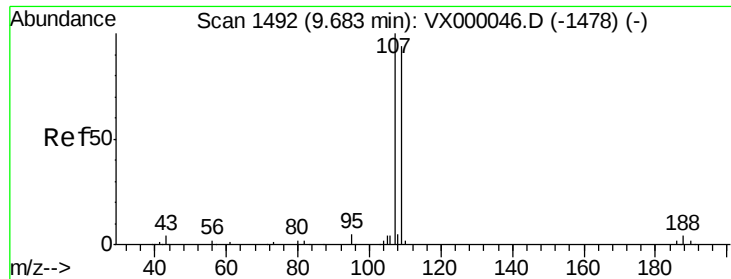
MMDadoda
2/15/2018 6:05:14 PM



#60
Dibromochloromethane
Concen: 1.62 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000066.D
Acq: 12 Feb 2018 15:27

Tgt Ion:129 Resp: 2421
Ion Ratio Lower Upper
129 100
127 81.7 38.6 115.8





#61

1,2-Dibromoethane

Concen: 1.89 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX000066.D

Acq: 12 Feb 2018 15:27

Instrument :

ClientSampled :

MDL 01 2.00PPB

Tot Ion:107 Resp: 2700

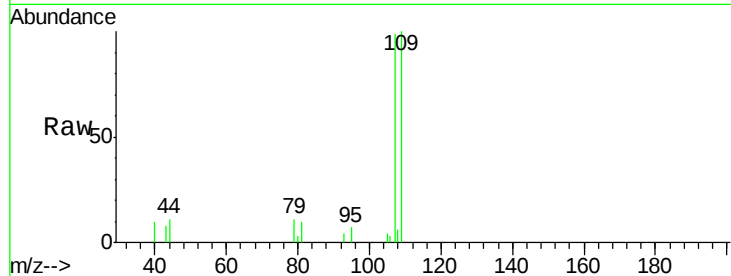
Ion Ratio Lower Upper

107 100

109 95.9 74.6 111.8

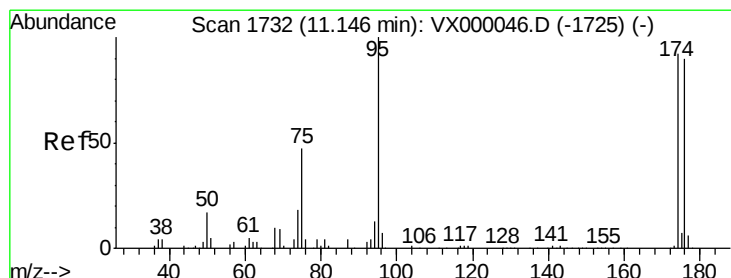
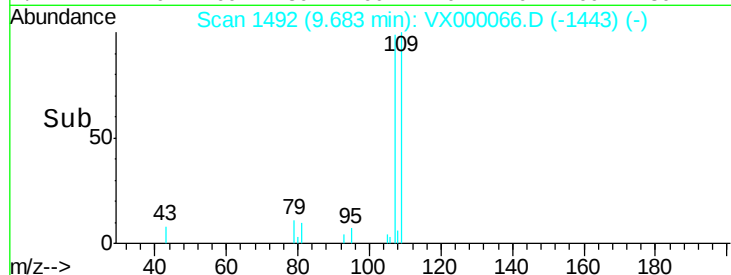
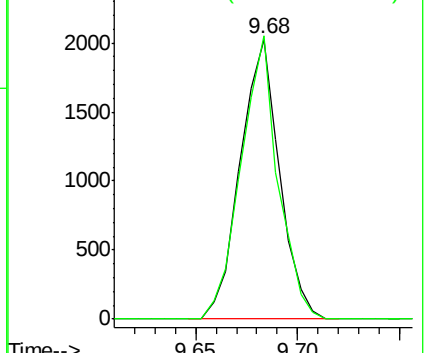
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.87 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000066.D

Acq: 12 Feb 2018 15:27

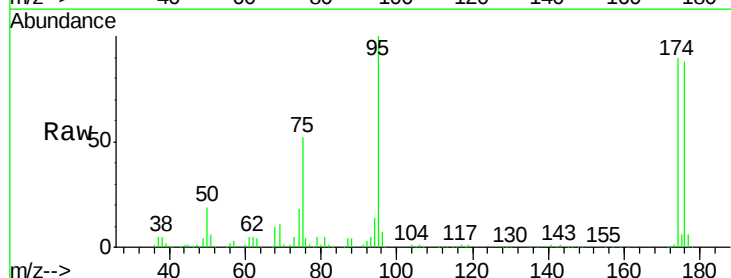
Tgt Ion: 95 Resp: 79224

Ion Ratio Lower Upper

95 100

174 88.9 0.0 185.6

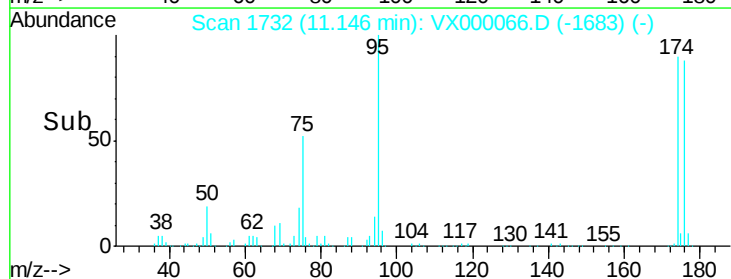
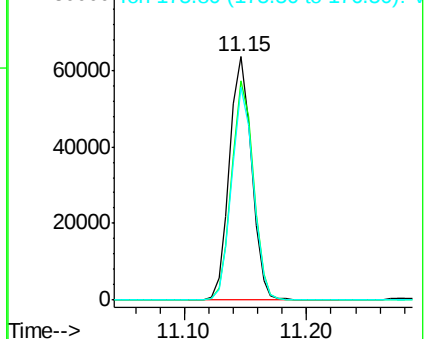
176 85.4 0.0 181.8

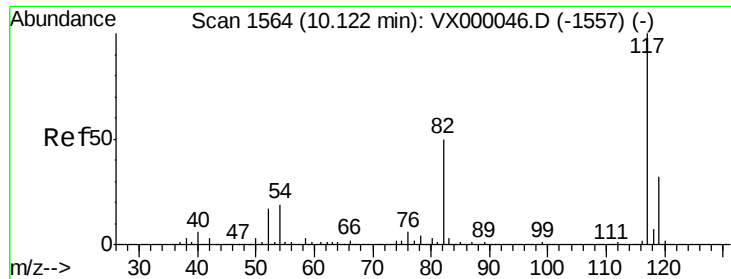


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





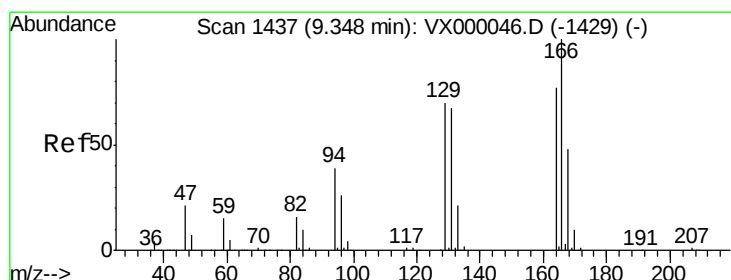
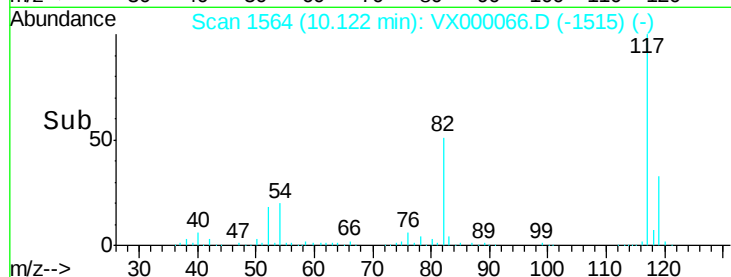
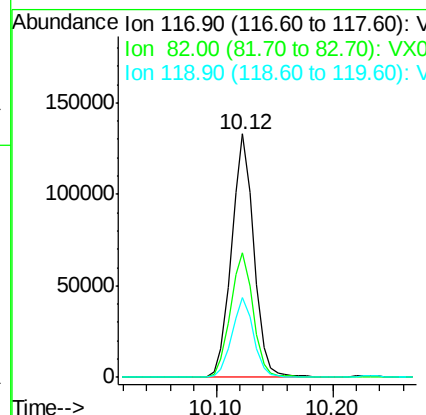
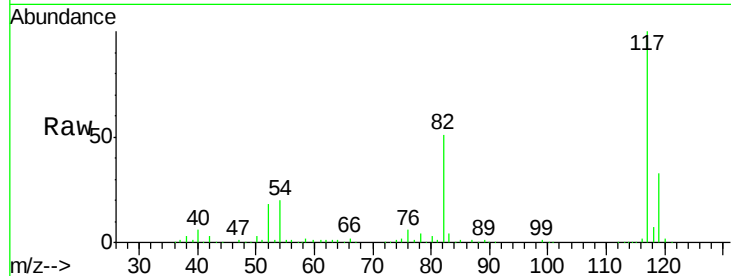
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000066.D
Acq: 12 Feb 2018 15:27

Instrument :
ClientSampled :
MDL 01 2.00PPB

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.3	40.3	60.5
119	32.6	25.3	37.9

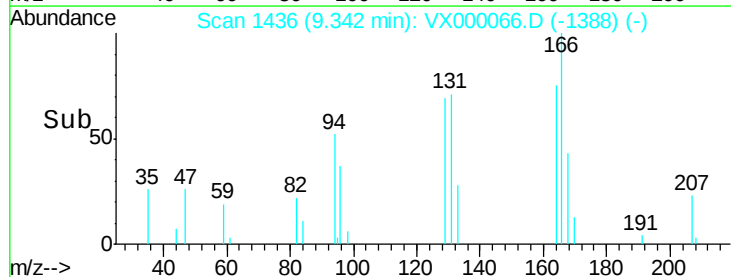
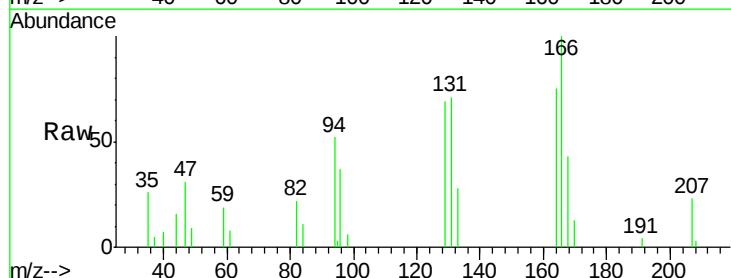
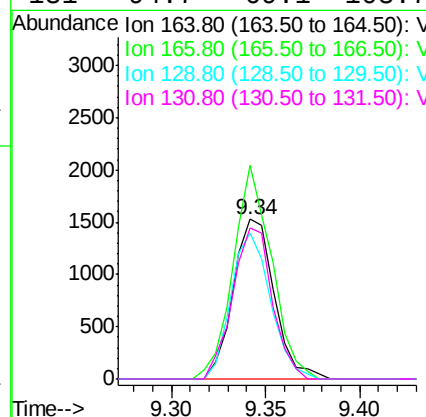
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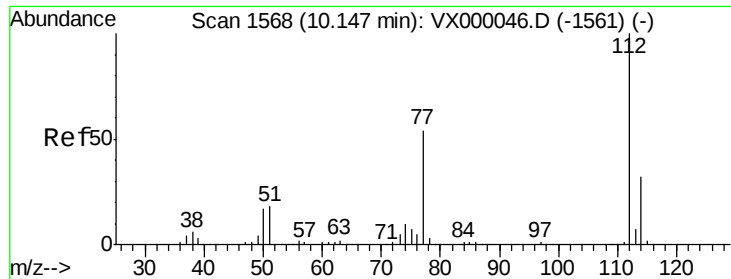
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#64
Tetrachloroethene
Concen: 1.76 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.01 min
Lab File: VX000066.D
Acq: 12 Feb 2018 15:27

Tgt Ion	Ratio	Lower	Upper
164	100		
166	133.7	103.7	155.5
129	91.7	72.2	108.4
131	94.7	69.1	103.7





#65

Chlorobenzene

Concen: 1.86 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX000066.D

Acq: 12 Feb 2018 15:27

Instrument :

ClientSampled :

MDL 01 2.00PPB

Tot Ion:112 Resp: 6807

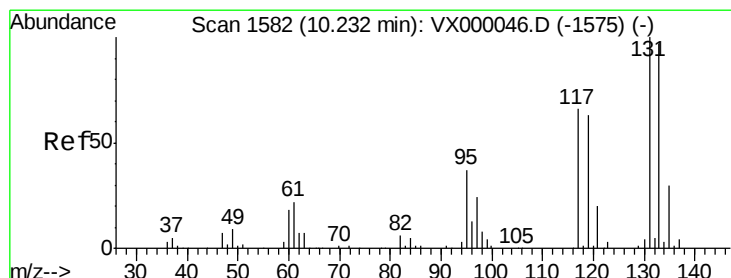
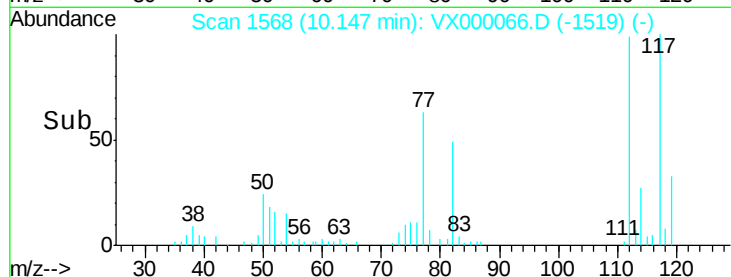
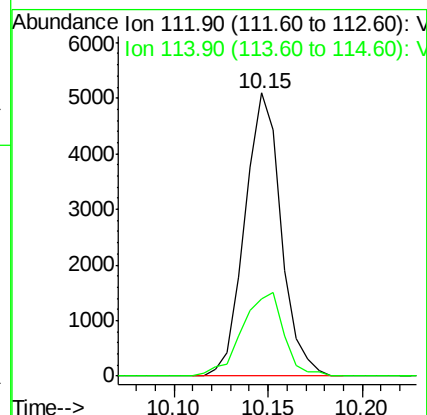
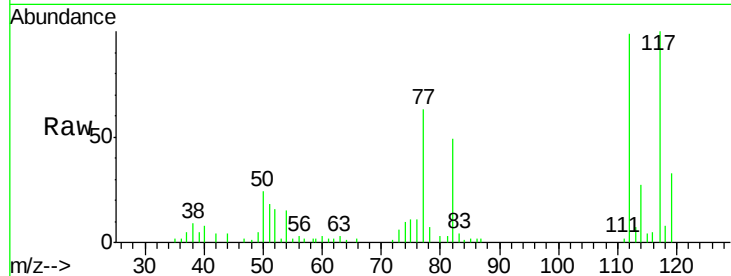
Ion Ratio Lower Upper

112 100

114 27.3 25.6 38.4

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#66

1,1,1,2-Tetrachloroethane

Concen: 1.83 ug/l

RT: 10.23 min Scan# 1582

Delta R.T. 0.00 min

Lab File: VX000066.D

Acq: 12 Feb 2018 15:27

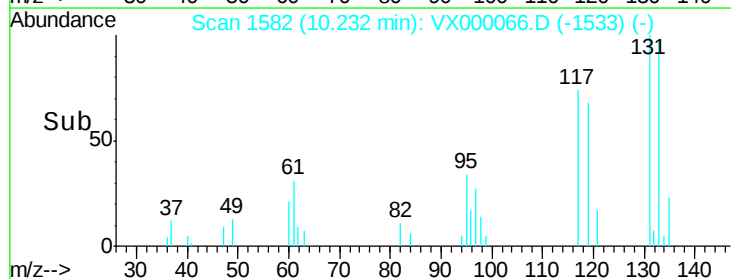
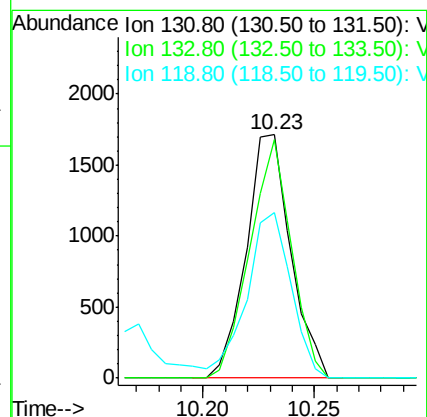
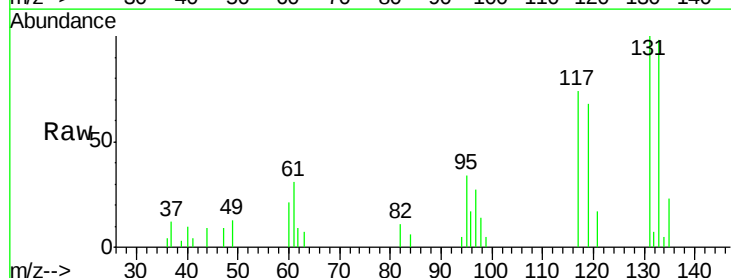
Tgt Ion:131 Resp: 2403

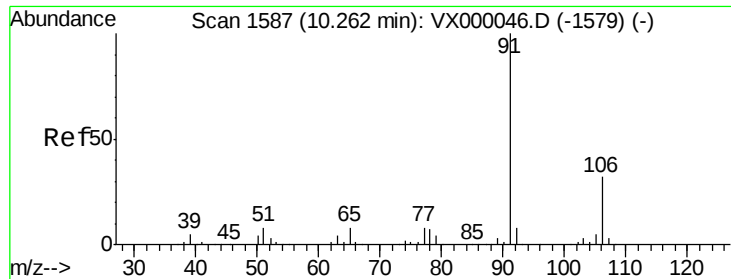
Ion Ratio Lower Upper

131 100

133 90.8 47.6 142.9

119 0.0 31.7 95.1#





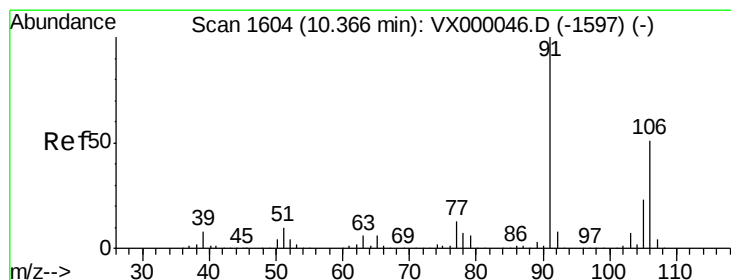
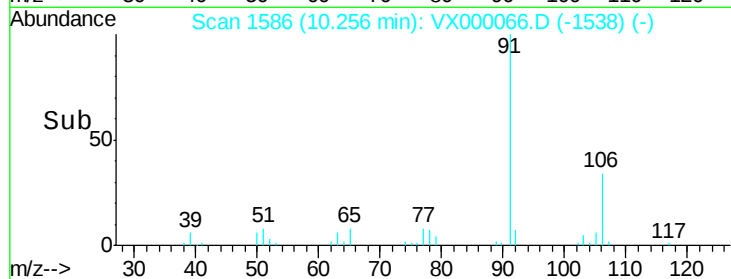
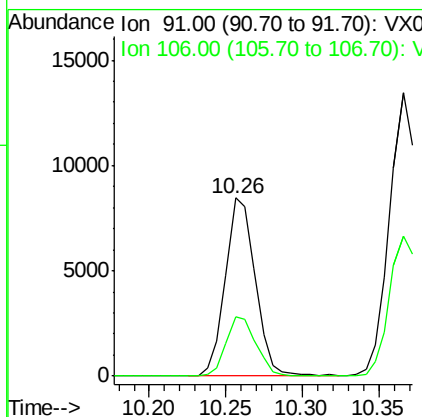
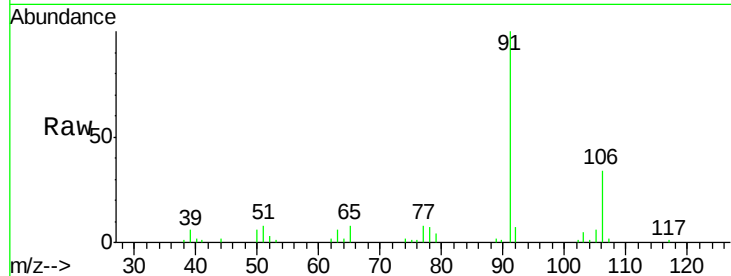
#67
Ethyl Benzene
Concen: 1.89 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.01 min
Lab File: VX000066.D
Acq: 12 Feb 2018 15:27

Instrument :
Client Sampled :
MDL 01 2.00PPB

Tot Ion: 91 Resp: 11495
Ion Ratio Lower Upper
91 100
106 33.5 25.9 38.9

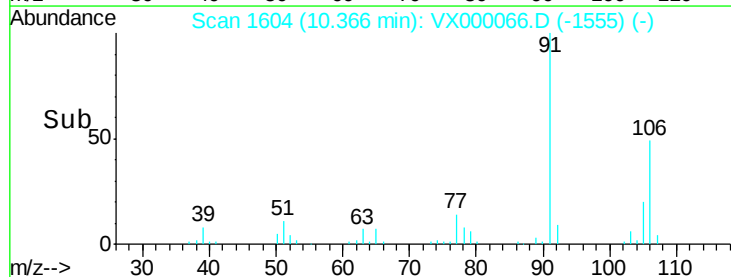
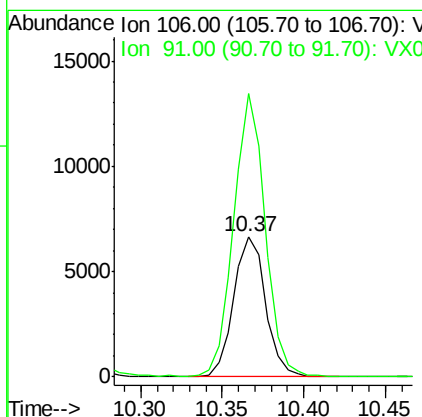
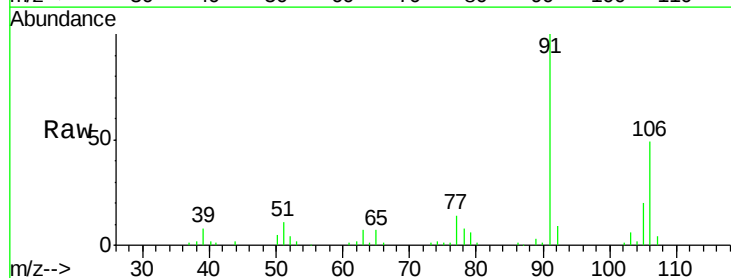
Manual Integrations
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#68
m/p-Xylenes
Concen: 3.75 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX000066.D
Acq: 12 Feb 2018 15:27

Tgt Ion: 106 Resp: 9066
Ion Ratio Lower Upper
106 100
91 199.5 158.3 237.5





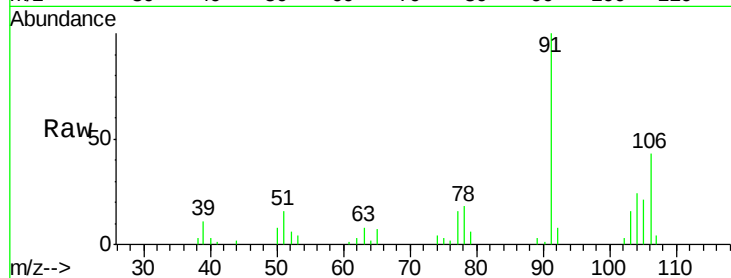
#69
o-Xylene
Concen: 1.86 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000066.D
Acq: 12 Feb 2018 15:27

Instrument :
Client Sampled :
MDL 01 2.00PPB

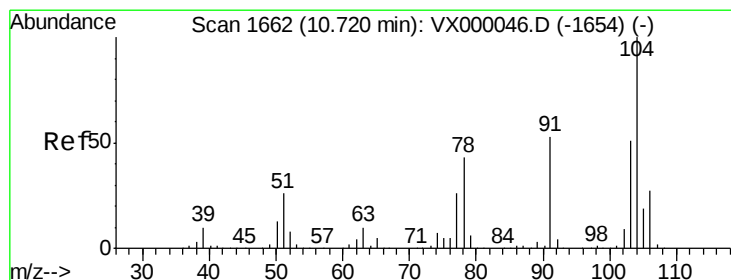
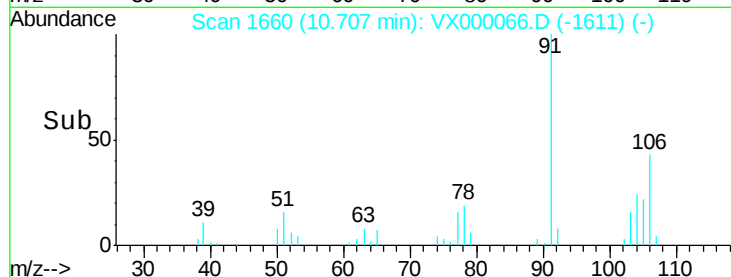
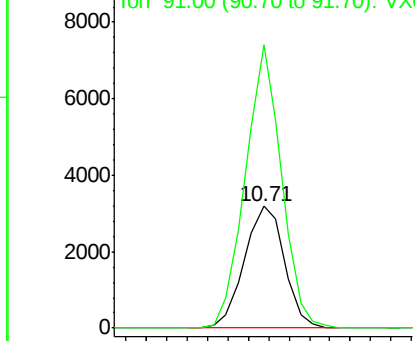
Tot Ion:106 Resp: 4345
Ion Ratio Lower Upper
106 100
91 209.6 104.0 312.0

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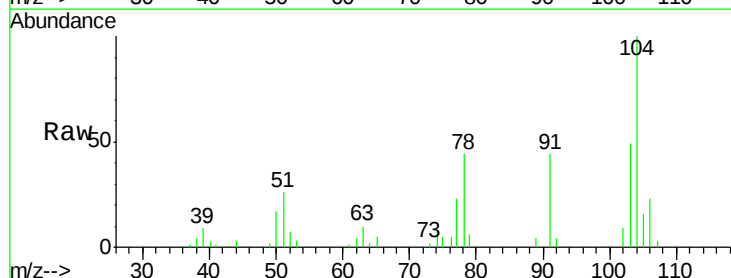


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

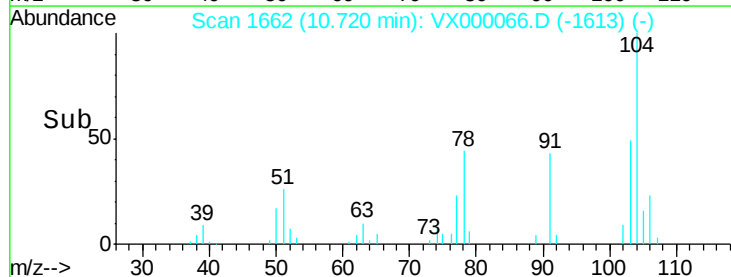
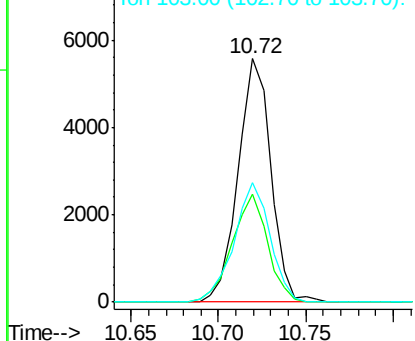


#70
Styrene
Concen: 1.85 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000066.D
Acq: 12 Feb 2018 15:27

Tgt Ion:104 Resp: 7281
Ion Ratio Lower Upper
104 100
78 47.8 37.7 56.5
103 53.8 44.0 66.0



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





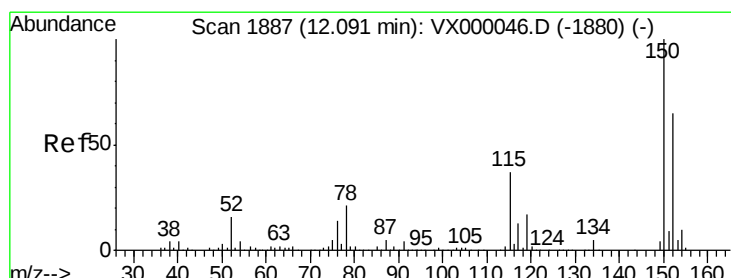
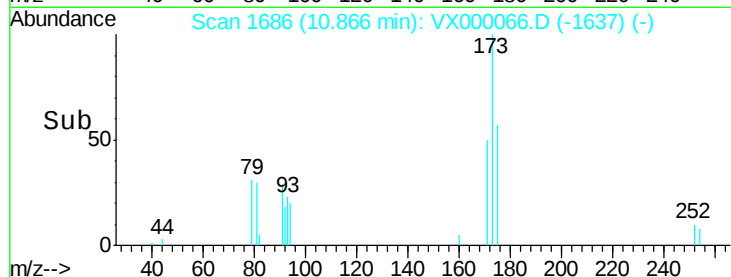
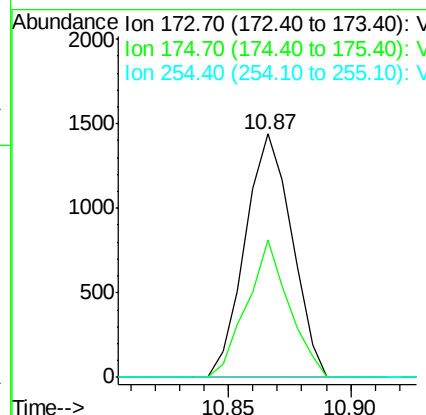
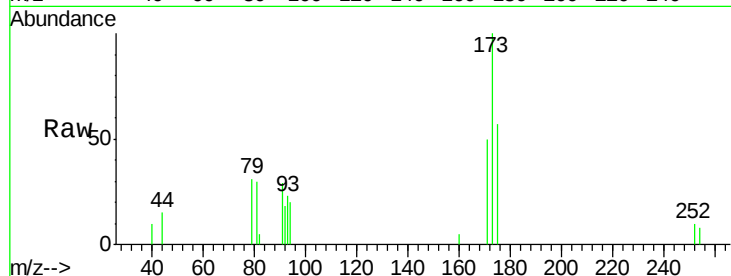
#71
Bromoform
Concen: 1.54 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VX000066.D
Acq: 12 Feb 2018 15:27

Instrument :
Client Sampled :
MDL 01 2.00PPB

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.7	23.9	71.8
254	0.0	0.1	0.1

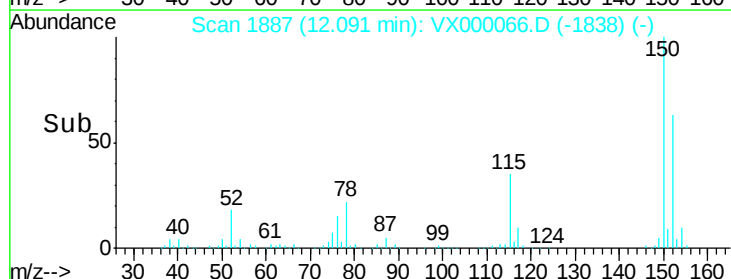
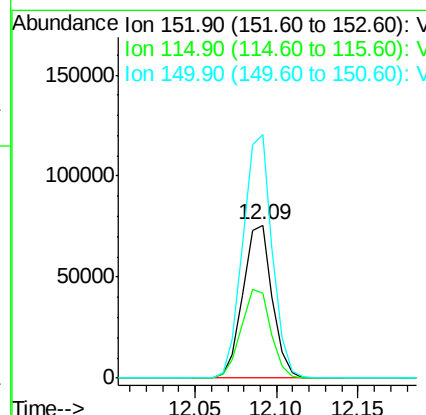
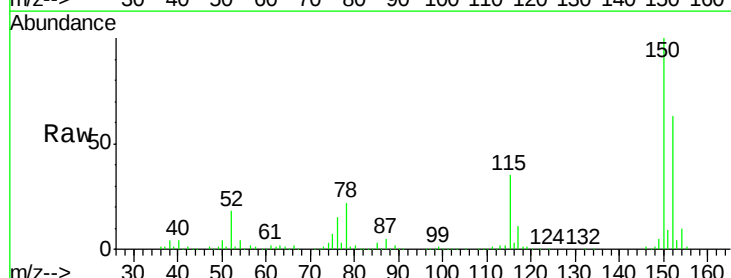
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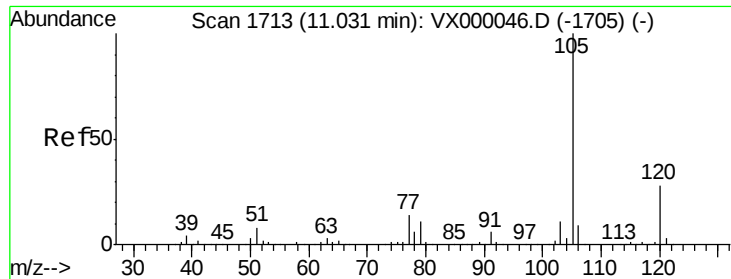
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1887
Delta R.T. 0.00 min
Lab File: VX000066.D
Acq: 12 Feb 2018 15:27

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.9	39.3	117.8
150	159.2	0.0	349.2





#73

Isopropylbenzene

Concen: 1.94 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.01 min

Lab File: VX000066.D

Acq: 12 Feb 2018 15:27

Instrument :

ClientSampled :

MDL 01 2.00PPB

Tot Ion:105 Resp: 11704

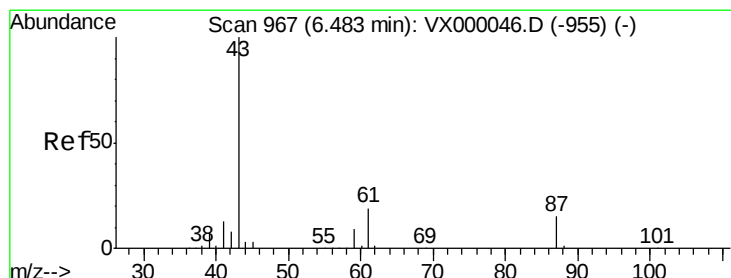
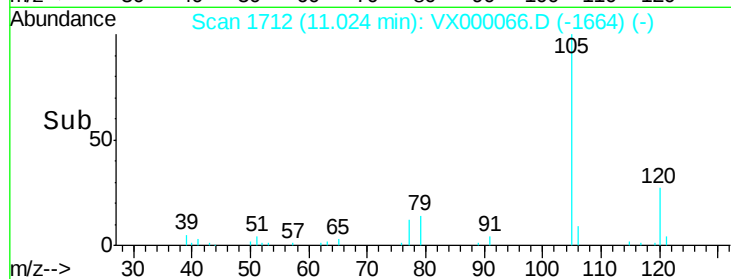
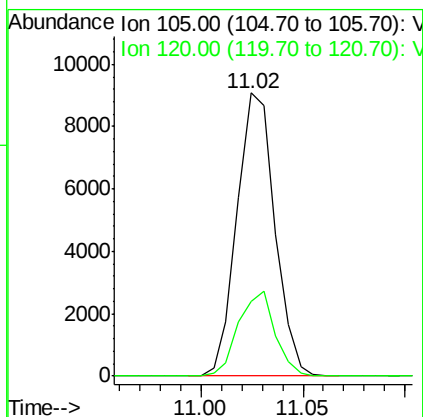
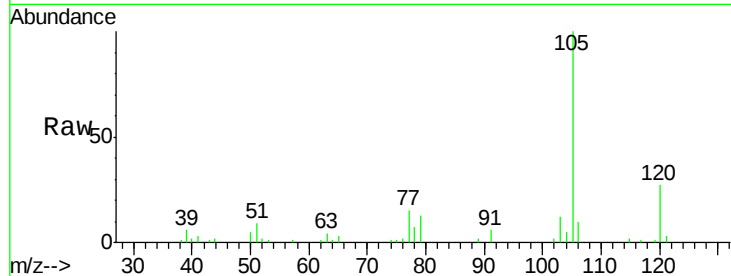
Ion Ratio Lower Upper

105 100

120 29.0 13.8 41.3

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#74

N-ethyl acetate

Concen: 2.07 ug/l

RT: 6.49 min Scan# 968

Delta R.T. 0.01 min

Lab File: VX000066.D

Acq: 12 Feb 2018 15:27

Tgt Ion: 43 Resp: 6245

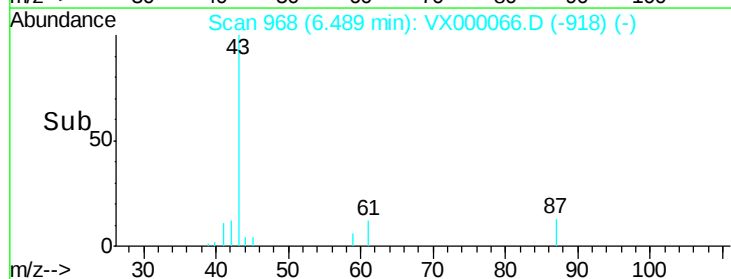
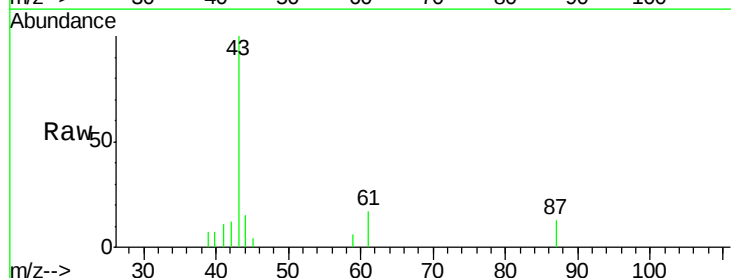
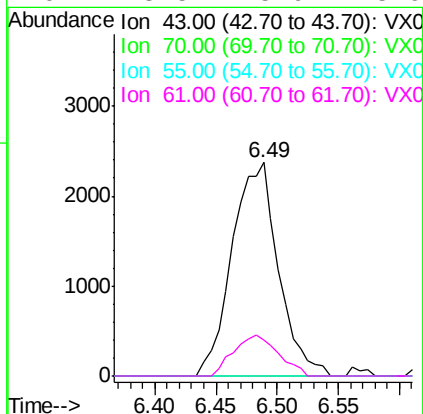
Ion Ratio Lower Upper

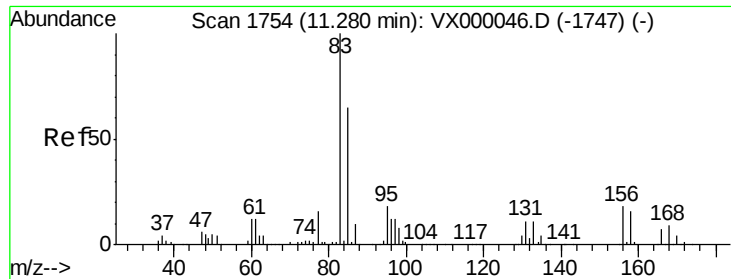
43 100

70 0.0 0.0 0.0

55 0.0 0.1 0.1#

61 18.5 15.9 23.9





#75

1,1,2,2-Tetrachloroethane

Concen: 2.01 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.01 min

Lab File: VX000066.D

Acq: 12 Feb 2018 15:27

Instrument :

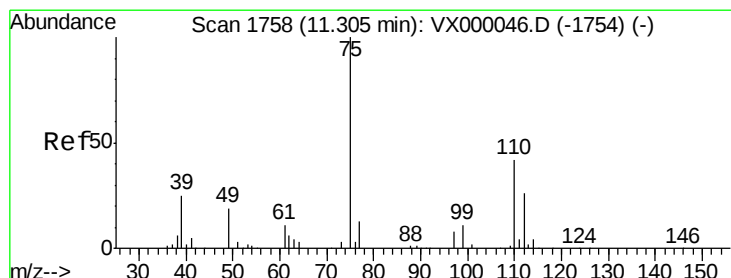
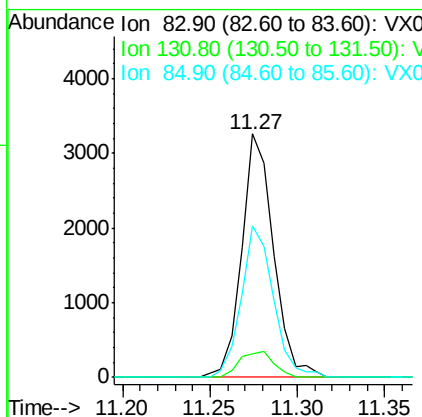
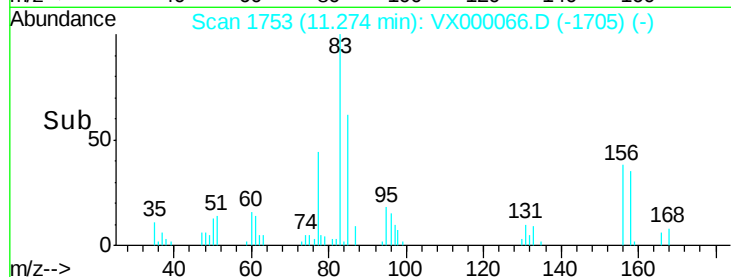
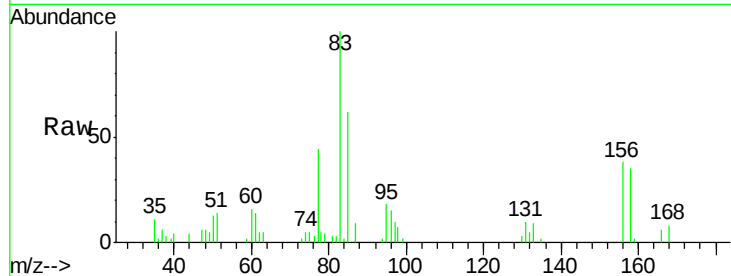
ClientSampled :

MDL 01 2.00PPB

Tot Ion	83	Resp	4121
Ion	Ratio	Lower	Upper
83	100		
131	11.2	5.5	16.7
85	62.7	32.6	97.7

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#76

1,2,3-Trichloropropane

Concen: 2.48 ug/l m

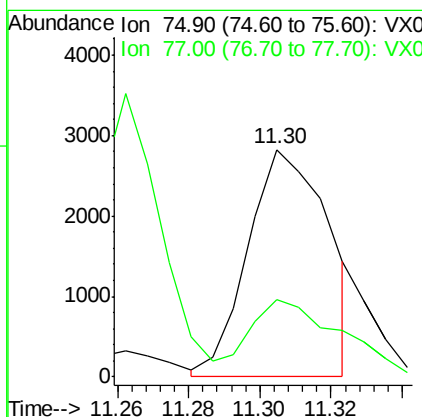
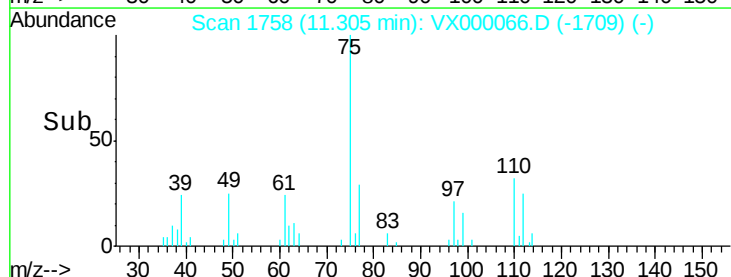
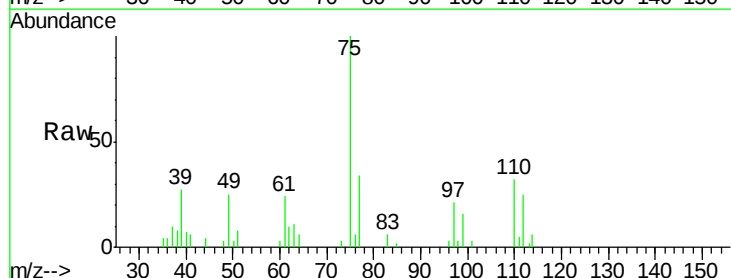
RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX000066.D

Acq: 12 Feb 2018 15:27

Tgt Ion	75	Resp	4436
Ion	Ratio	Lower	Upper
75	100		
77	38.5	23.7	71.1





#77

Bromobenzene

Concen: 1.94 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.01 min

Lab File: VX000066.D

Acq: 12 Feb 2018 15:27

Instrument :

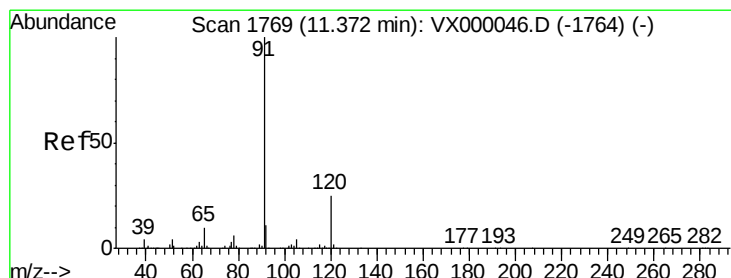
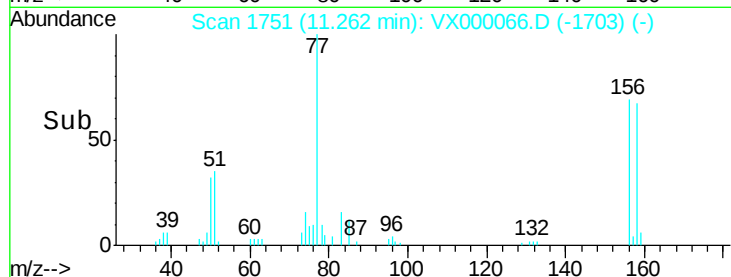
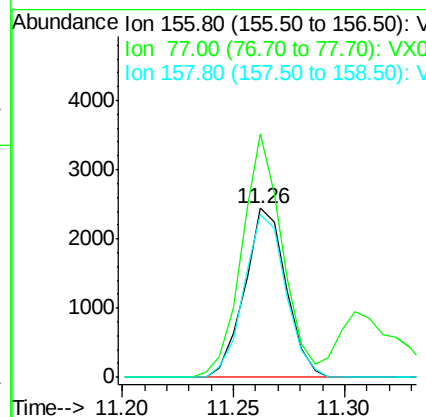
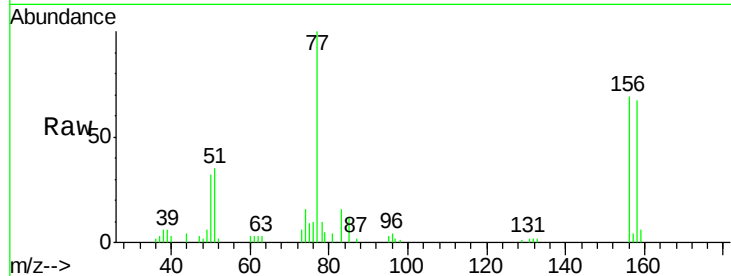
ClientSampled :

MDL 01 2.00PPB

Tot Ion:	156	Resp:	3169
Ion Ratio	Lower	Upper	
156	100		
77	140.0	66.2	198.6
158	97.3	48.6	145.9

Manual Integrations
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2/15/2018 6:05:14 PM



#78

n-propylbenzene

Concen: 2.06 ug/l

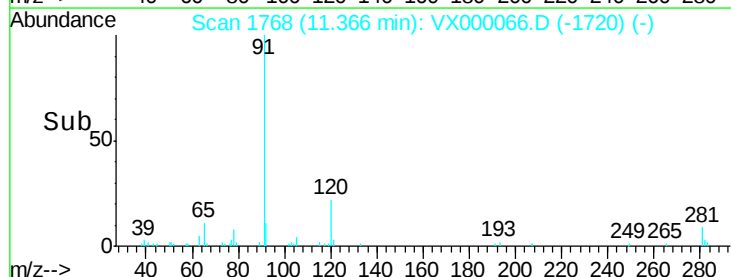
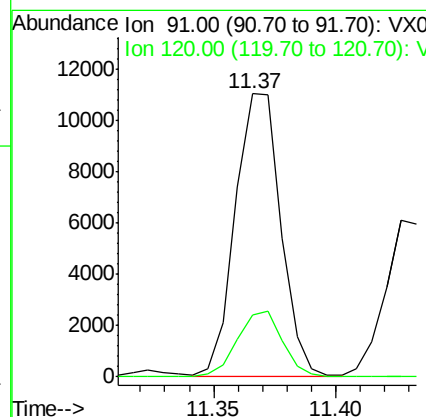
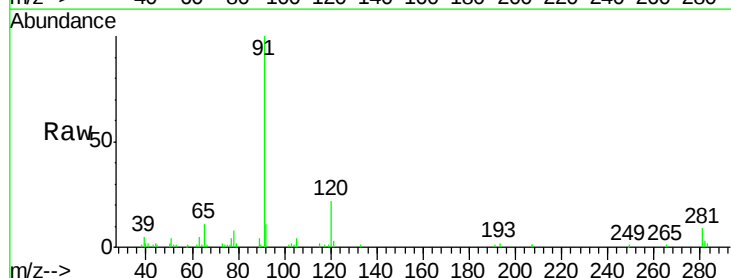
RT: 11.37 min Scan# 1768

Delta R.T. -0.01 min

Lab File: VX000066.D

Acq: 12 Feb 2018 15:27

Tgt Ion:	91	Resp:	14422
Ion Ratio	Lower	Upper	
91	100		
120	22.9	12.2	36.6





#79

2-Chlorotoluene

Concen: 2.03 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VX000066.D

Acq: 12 Feb 2018 15:27

Instrument :

ClientSampled :

MDL 01 2.00PPB

Tot Ion: 91 Resp: 8186

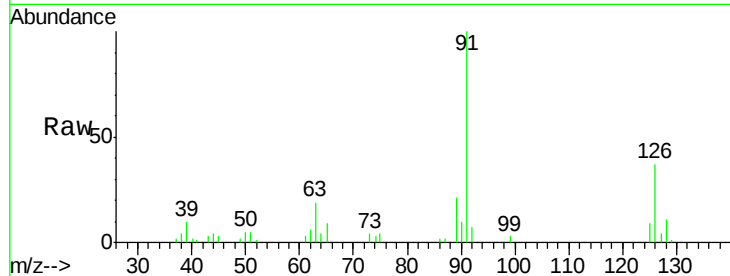
Ion Ratio Lower Upper

91 100

126 35.5 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) (-)

12000

10000

8000

6000

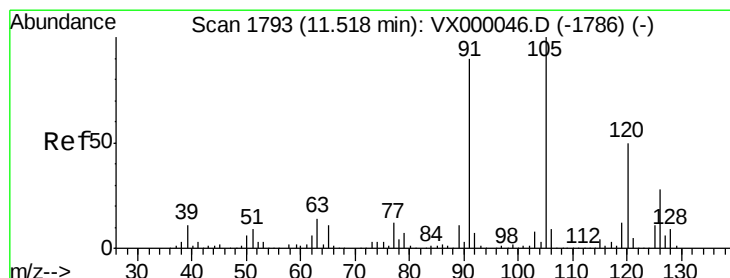
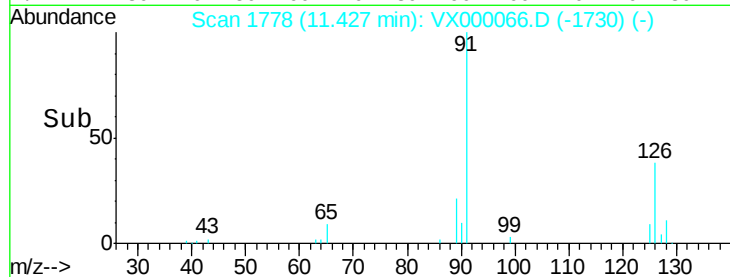
4000

2000

0

11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 2.00 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.01 min

Lab File: VX000066.D

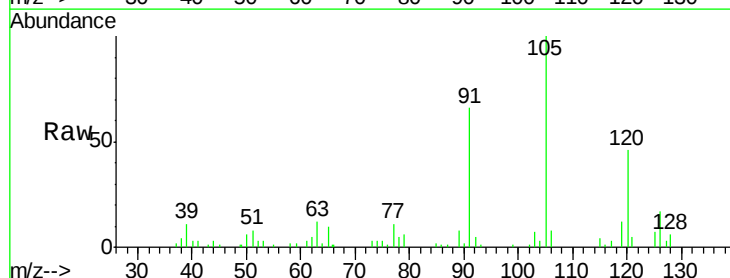
Acq: 12 Feb 2018 15:27

Tgt Ion: 105 Resp: 10107

Ion Ratio Lower Upper

105 100

120 47.8 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) (-)

8000

6000

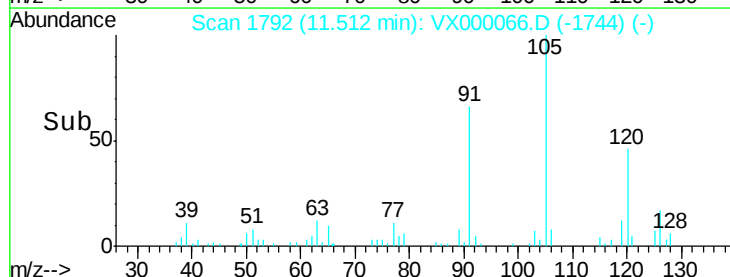
4000

2000

0

11.45 11.50 11.55

Time-->





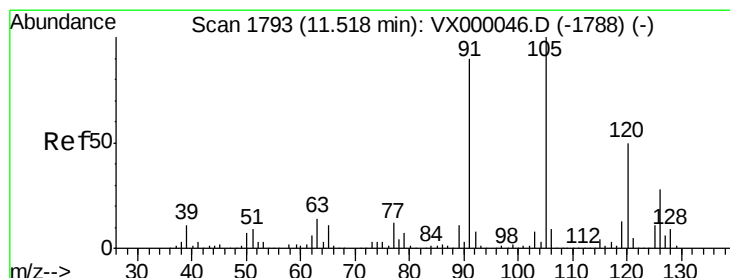
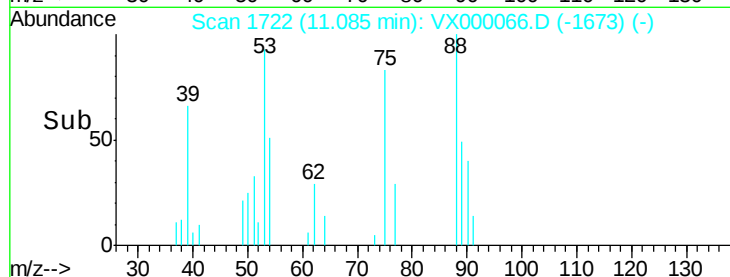
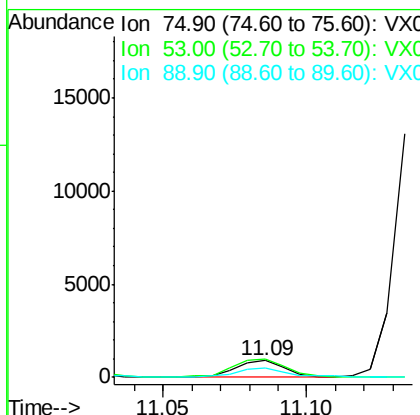
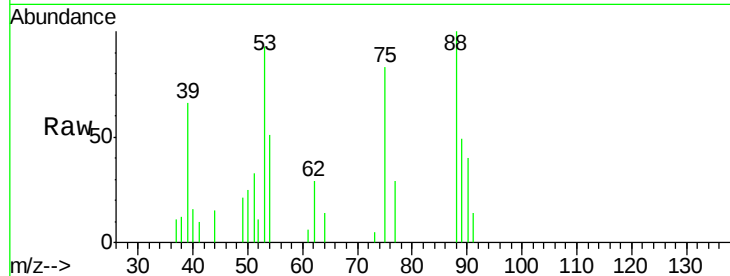
#81
trans-1,4-Dichloro-2-butene
Concen: 1.50 ug/l m
RT: 11.09 min Scan# 1722
Delta R.T. 0.00 min
Lab File: VX000066.D
Acq: 12 Feb 2018 15:27

Instrument :
ClientSampled :
MDL 01 2.00PPB

Tot Ion: 75 Resp: 1083
Ion Ratio Lower Upper
75 100
53 0.0 70.3 105.5#
89 0.0 48.6 72.8#

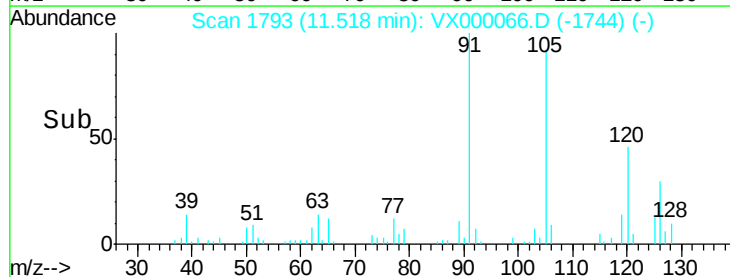
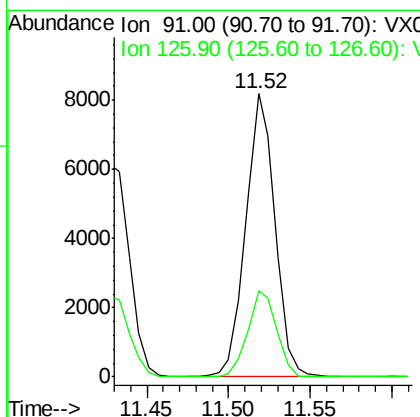
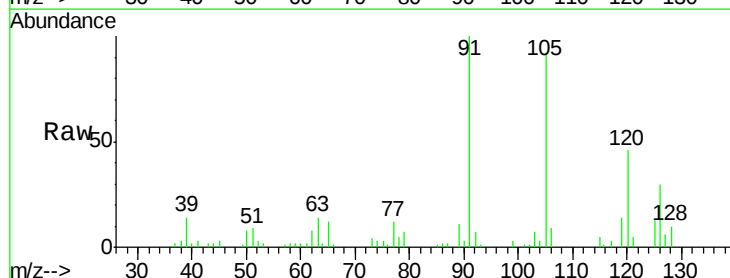
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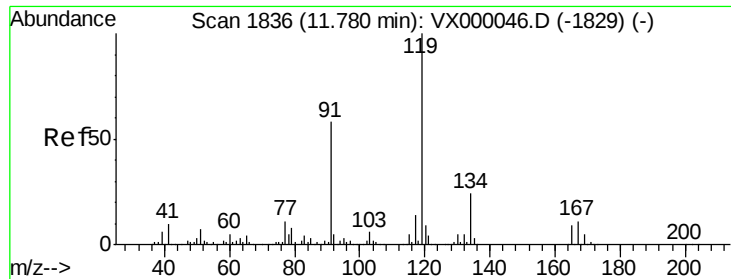
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#82
4-Chlorotoluene
Concen: 2.13 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VX000066.D
Acq: 12 Feb 2018 15:27

Tgt Ion: 91 Resp: 10264
Ion Ratio Lower Upper
91 100
126 29.9 16.3 48.8





#83

tert-Butylbenzene

Concen: 1.99 ug/l

RT: 11.78 min Scan# 1836

Delta R.T. -0.00 min

Lab File: VX000066.D

Acq: 12 Feb 2018 15:27

Instrument :

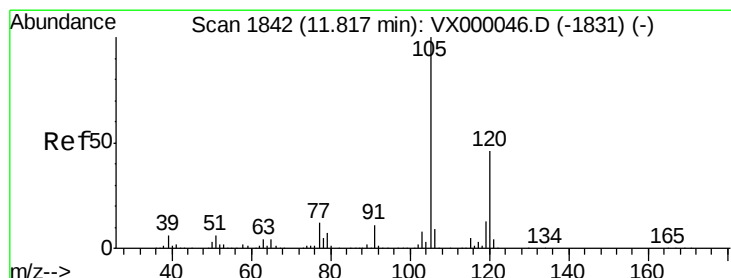
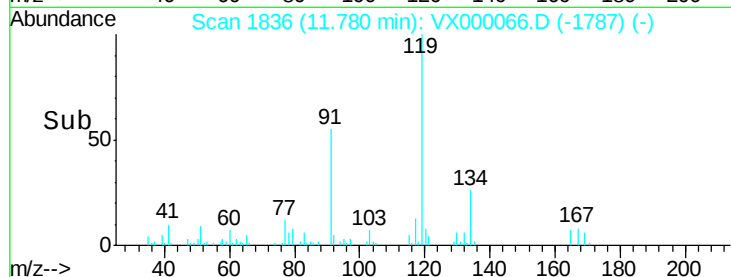
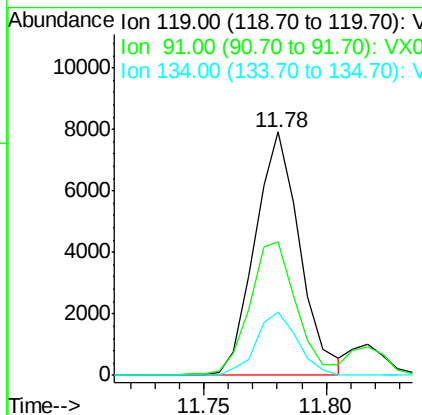
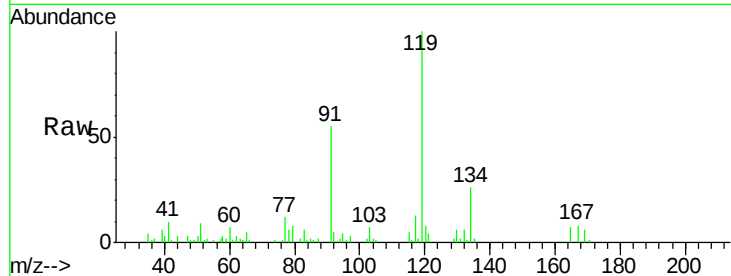
ClientSampled :

MDL 01 2.00PPB

Tot Ion:	119	Resp:	10167
Ion Ratio	Lower	Upper	
119	100		
91	58.0	27.9	83.7
134	24.0	11.7	35.1

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#84

1,2,4-Trimethylbenzene

Concen: 1.93 ug/l

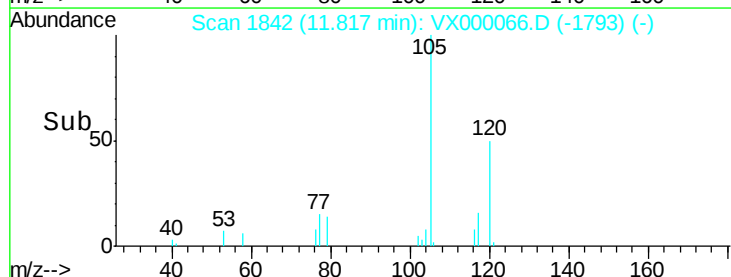
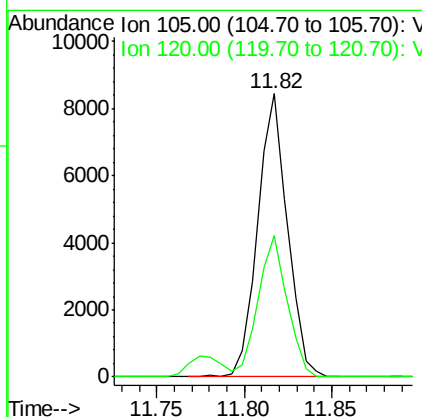
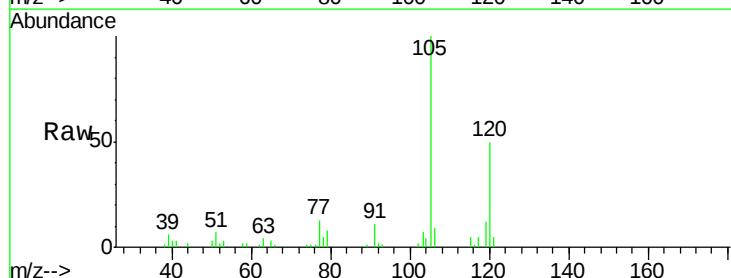
RT: 11.82 min Scan# 1842

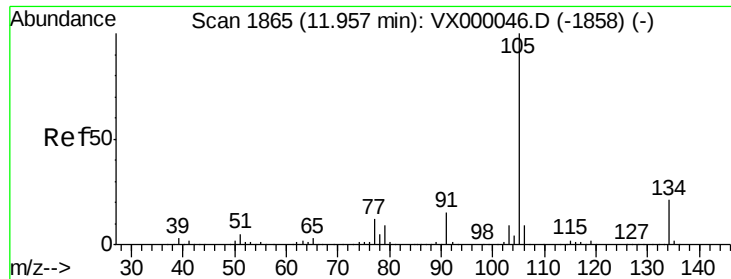
Delta R.T. 0.00 min

Lab File: VX000066.D

Acq: 12 Feb 2018 15:27

Tgt Ion:	105	Resp:	9967
Ion Ratio	Lower	Upper	
105	100		
120	48.8	23.4	70.2





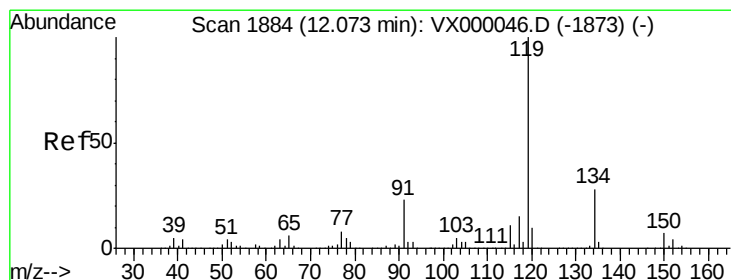
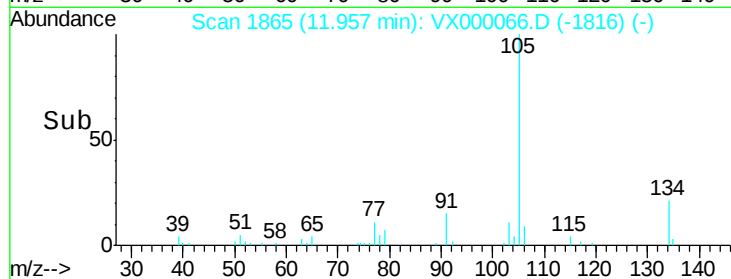
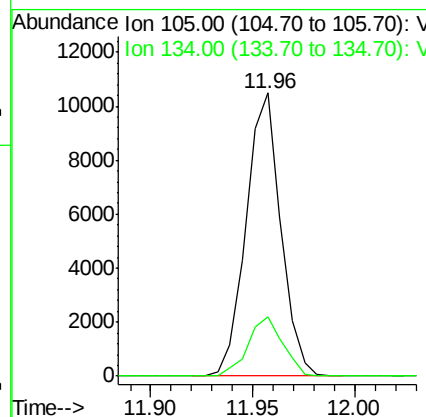
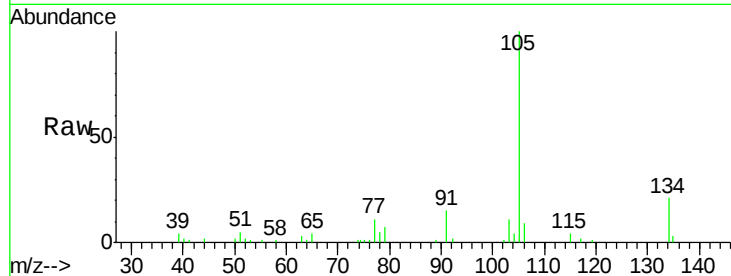
#85
 sec-Butylbenzene
 Concen: 1.97 ug/l
 RT: 11.96 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: VX000066.D
 Acq: 12 Feb 2018 15:27

Instrument :
 ClientSampled :
 MDL 01 2.00PPB

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.2	10.6	31.8

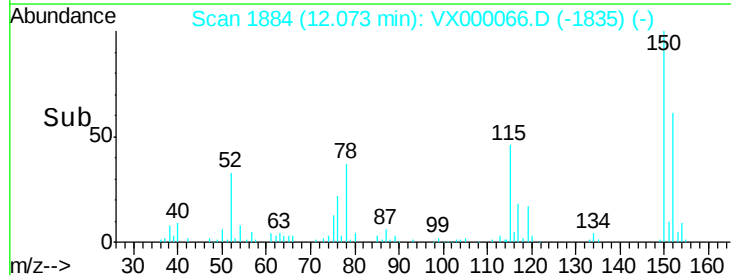
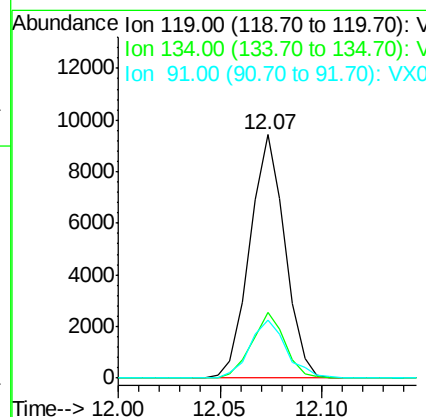
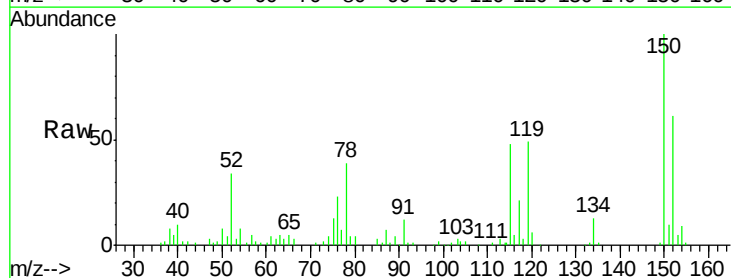
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#86
 p-Isopropyltoluene
 Concen: 2.00 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VX000066.D
 Acq: 12 Feb 2018 15:27

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.4	14.0	41.9
91	24.9	11.6	34.7





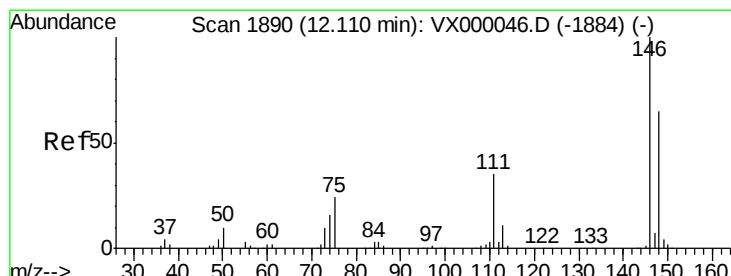
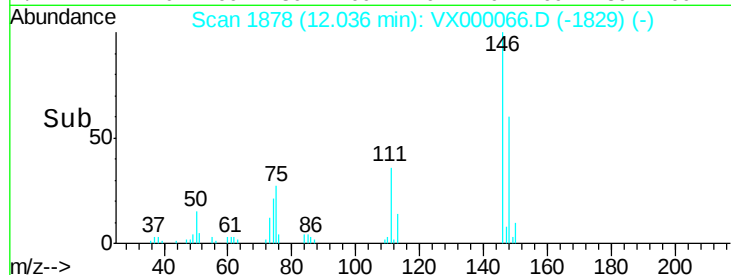
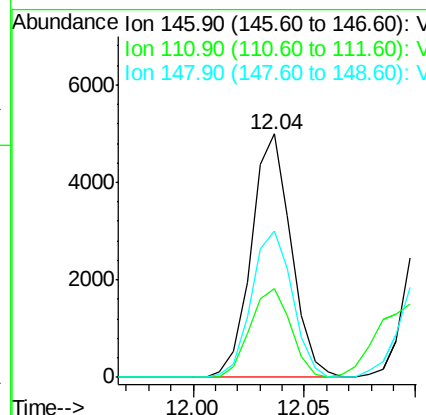
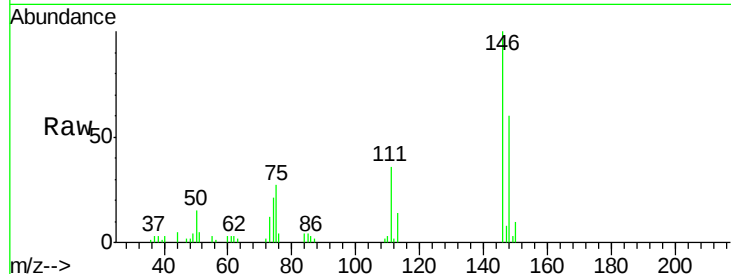
#87
 1,3-Dichlorobenzene
 Concen: 2.01 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VX000066.D
 Acq: 12 Feb 2018 15:27

Instrument :
 ClientSampled :
 MDL 01 2.00PPB

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.9	56.9
148	61.9	31.8	95.4

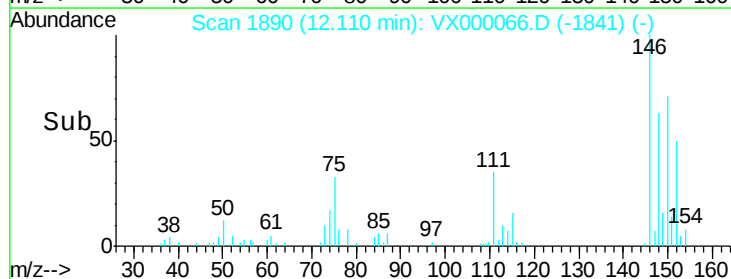
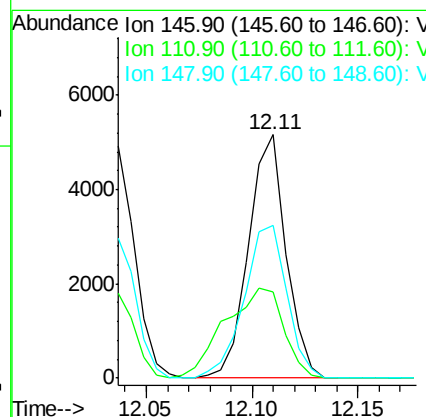
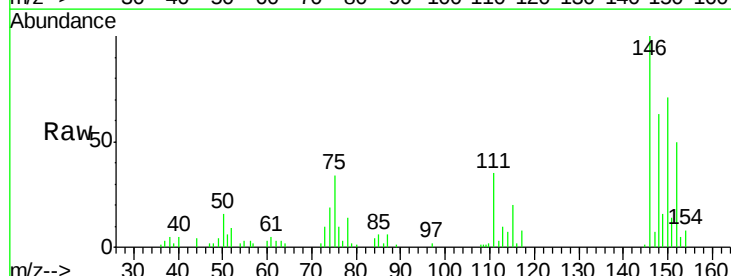
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#88
 1,4-Dichlorobenzene
 Concen: 1.97 ug/l m
 RT: 12.11 min Scan# 1890
 Delta R.T. 0.00 min
 Lab File: VX000066.D
 Acq: 12 Feb 2018 15:27

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.7	56.1
148	61.7	32.1	96.5





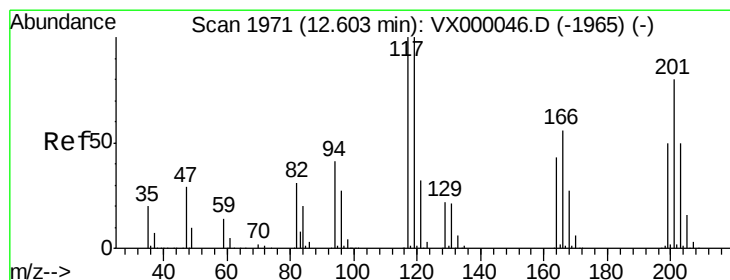
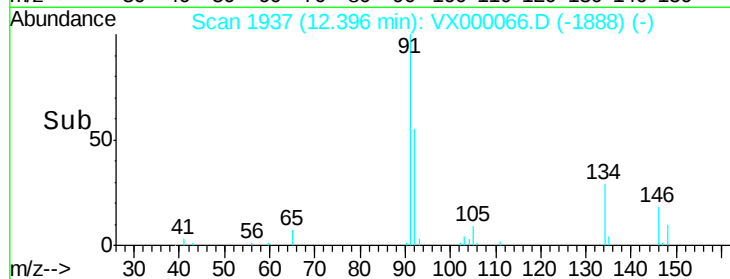
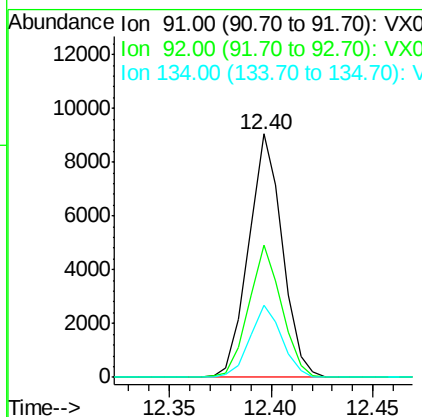
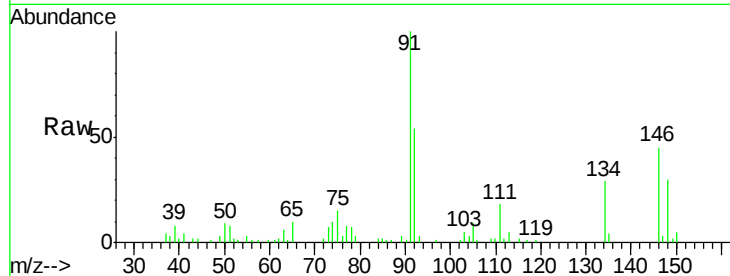
#89
n-Butylbenzene
Concen: 1.98 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX000066.D
Acq: 12 Feb 2018 15:27

Instrument :
Client Sampled :
MDL 01 2.00PPB

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		10411		
92	52.8	26.1	78.2		
134	28.1	14.1	42.2		

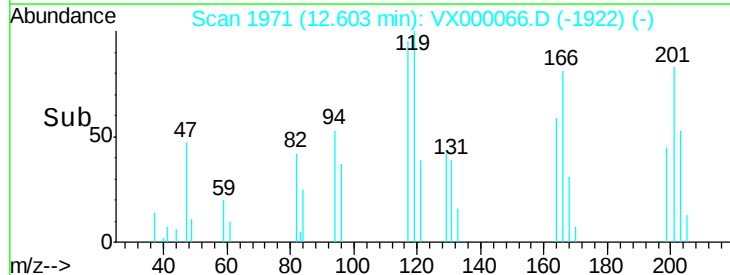
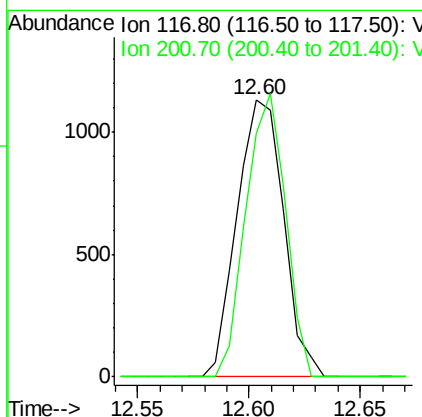
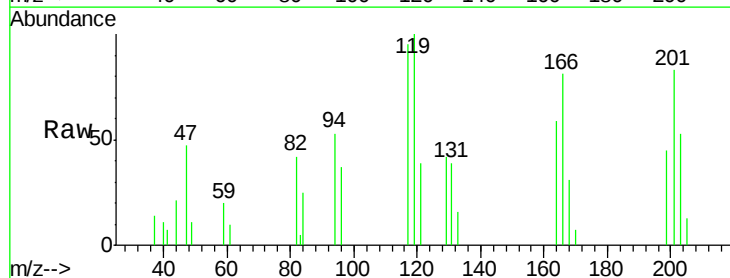
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#90
Hexachloroethane
Concen: 1.68 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX000066.D
Acq: 12 Feb 2018 15:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		1653		
201	86.8	43.5	130.7		





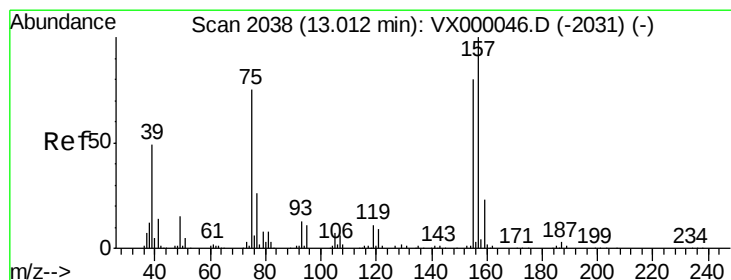
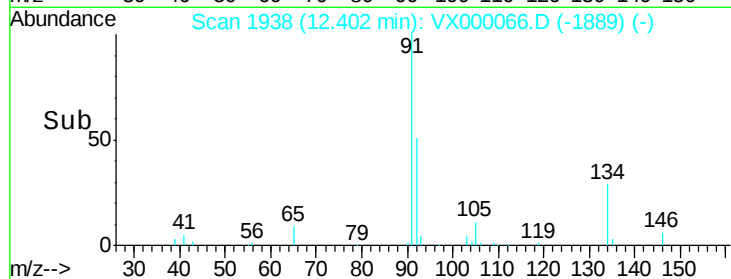
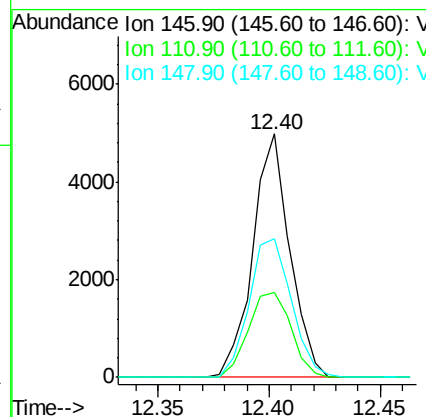
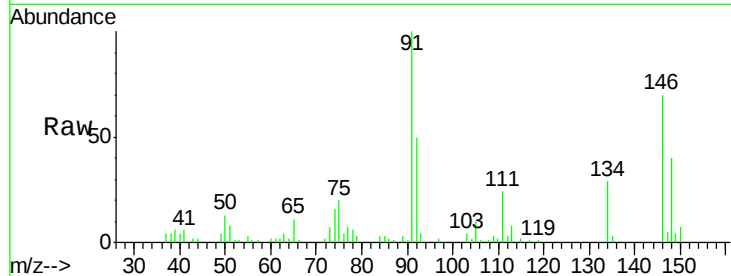
#91
 1,2-Dichlorobenzene
 Concen: 1.92 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VX000066.D
 Acq: 12 Feb 2018 15:27

Instrument :
 ClientSampled :
 MDL 01 2.00PPB

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	19.4	58.2
148	64.7	32.0	96.2

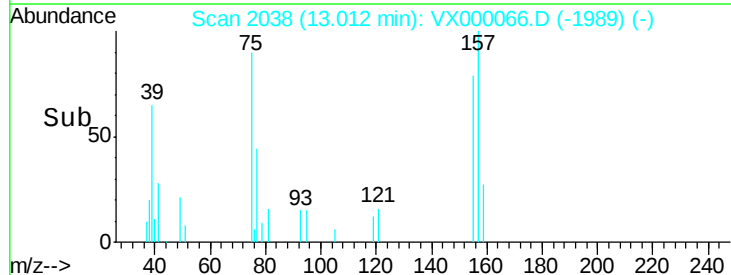
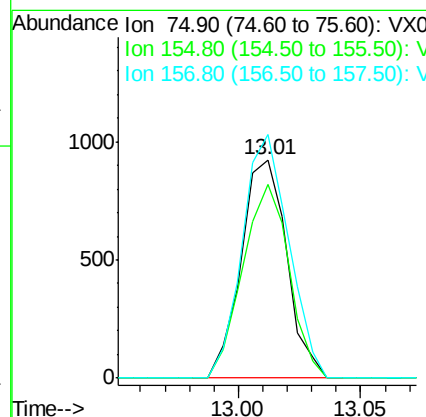
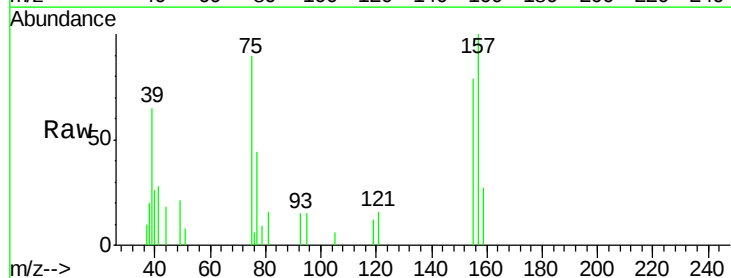
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 2.03 ug/l
 RT: 13.01 min Scan# 2038
 Delta R.T. 0.00 min
 Lab File: VX000066.D
 Acq: 12 Feb 2018 15:27

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.2	52.0	156.0
157	113.3	65.3	195.9





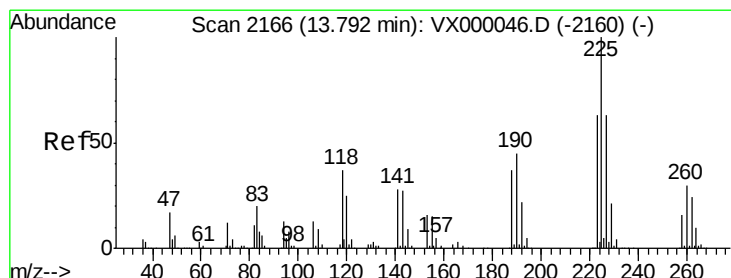
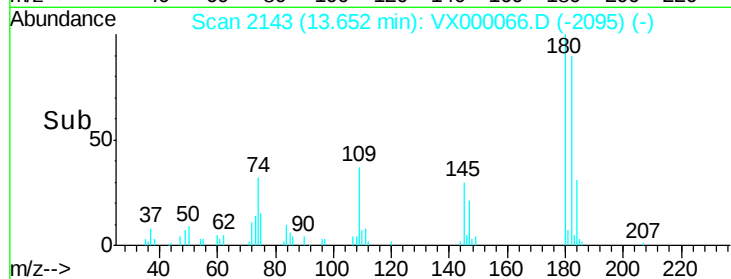
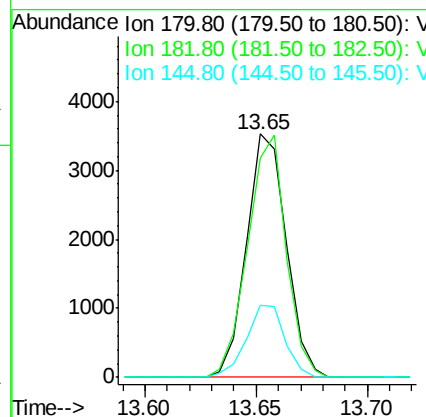
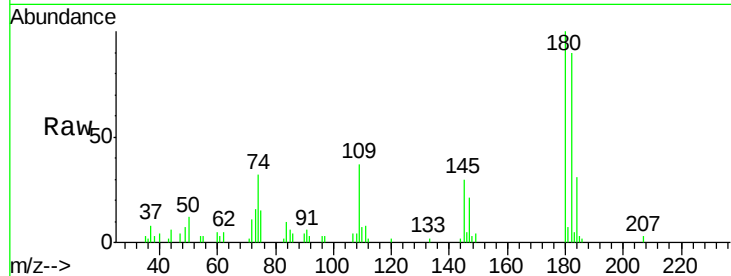
#93
 1,2,4-Trichlorobenzene
 Concen: 1.91 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.01 min
 Lab File: VX000066.D
 Acq: 12 Feb 2018 15:27

Instrument :
 ClientSampled :
 MDL 01 2.00PPB

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.3	48.0	144.0
145	29.0	14.7	44.1

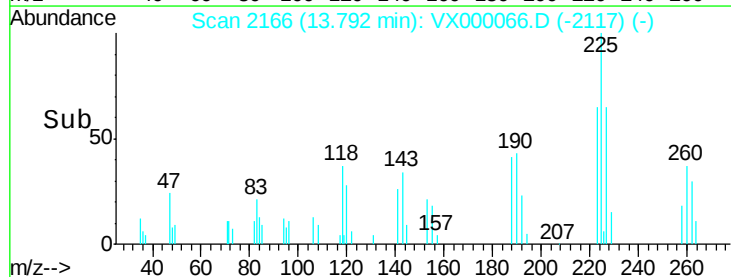
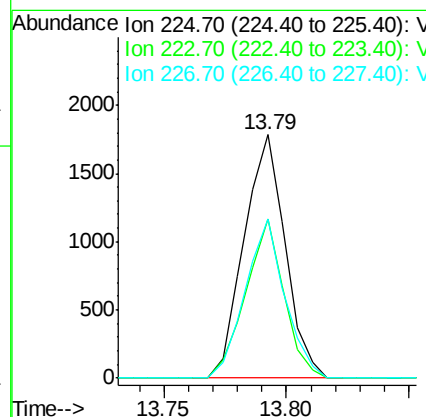
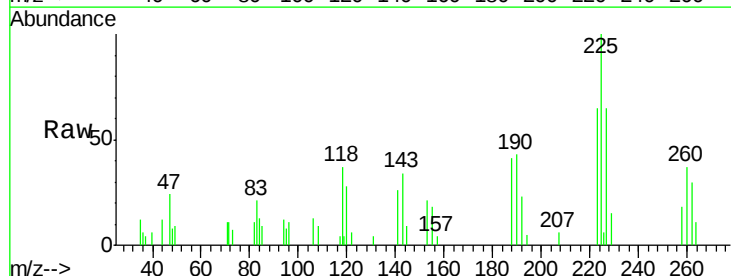
Manual Integrations
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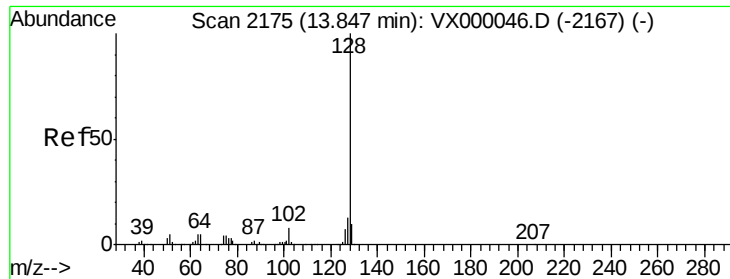
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#94
 Hexachlorobutadiene
 Concen: 1.91 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000066.D
 Acq: 12 Feb 2018 15:27

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.8	31.9	95.5
227	63.3	31.6	95.0





#95

Naphthalene

Concen: 1.98 ug/l

RT: 13.85 min Scan# 2175

Delta R.T. -0.00 min

Lab File: VX000066.D

Acq: 12 Feb 2018 15:27

Instrument :

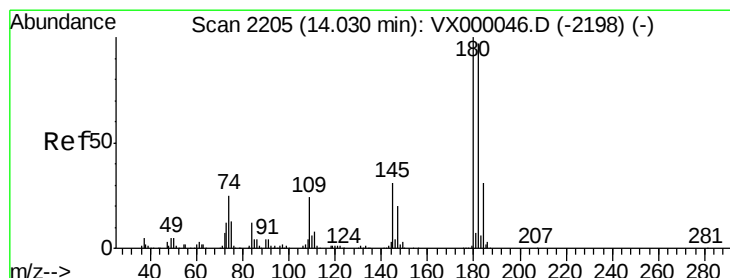
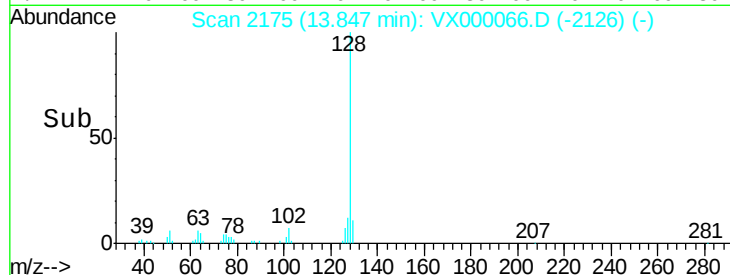
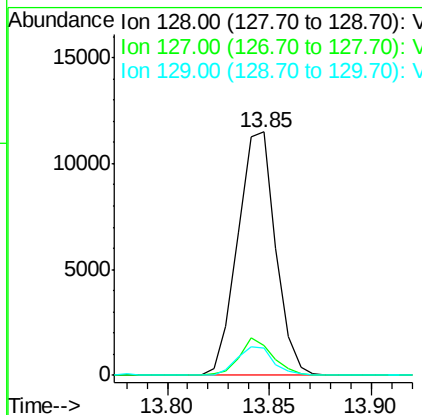
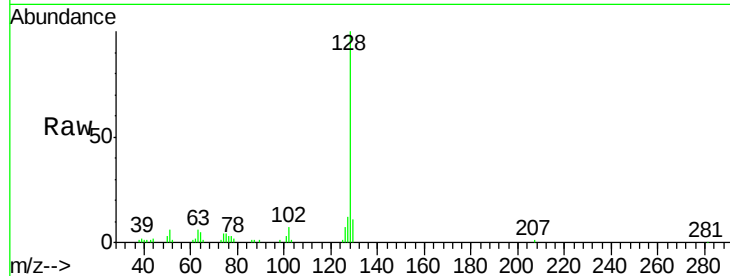
ClientSampled :

MDL 01 2.00PPB

Tot Ion:	128	Resp:	14807
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.3	15.5
129	11.3	8.6	13.0

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 1.92 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. 0.00 min

Lab File: VX000066.D

Acq: 12 Feb 2018 15:27

Tgt Ion:	180	Resp:	4298
Ion Ratio	Lower	Upper	
180	100		
182	97.0	47.9	143.7
145	34.8	15.7	47.0

