

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX021218\
 Data File : VX000064.D
 Acq On : 12 Feb 2018 14:25
 Operator : JC/MD
 Sample : MDL 02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ClientSampled :
 MDL 02

Manual Integrations
 APPROVED

MMDadoda
 2/16/2018 11:44:50 AM

Quant Time: Feb 16 11:37:05 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	5.68	168	117474	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	192689	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	180290	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	97152	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	62370	50.81	ug/l	0.00
Spiked Amount						
			Recovery	=	101.62%	
35) Dibromofluoromethane	5.52	113	53027	47.13	ug/l	0.00
Spiked Amount						
			Recovery	=	94.26%	
50) Toluene-d8	8.73	98	194466	46.44	ug/l	0.00
Spiked Amount						
			Recovery	=	92.88%	
62) 4-Bromofluorobenzene	11.15	95	77801	45.69	ug/l	0.00
Spiked Amount						
			Recovery	=	91.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	1022	0.96	ug/l	94
3) Chloromethane	1.32	50	930	0.86	ug/l #	80
4) Vinyl Chloride	1.41	62	1025	0.84	ug/l	92
5) Bromomethane	1.65	94	1149	1.76	ug/l	84
6) Chloroethane	1.73	64	955m	1.30	ug/l	
7) Trichlorofluoromethane	1.93	101	1789	0.84	ug/l	94
8) Diethyl Ether	2.20	74	585	0.76	ug/l #	46
9) 1,1,2-Trichlorotrifluoroet	2.39	101	1062	0.88	ug/l	96
10) Methyl Iodide	2.51	142	880	2.28	ug/l #	84
11) Tert butyl alcohol	3.07	59	2088	4.25	ug/l	97
12) 1,1-Dichloroethene	2.38	96	980	0.86	ug/l #	78
13) Acrolein	2.30	56	1281	5.08	ug/l #	77
14) Allyl chloride	2.73	41	1595	0.80	ug/l	98
15) Acrylonitrile	3.15	53	3646	4.26	ug/l	97
16) Acetone	2.45	43	3403	4.68	ug/l	91
17) Carbon Disulfide	2.57	76	2837	0.85	ug/l #	92
18) Methyl Acetate	2.79	43	1737	0.95	ug/l	98
19) Methyl tert-butyl Ether	3.22	73	3251	0.83	ug/l	96
20) Methylene Chloride	2.86	84	1181	0.97	ug/l #	84
21) trans-1,2-Dichloroethene	3.17	96	1085	0.88	ug/l #	90
22) Diisopropyl ether	3.89	45	2638	0.80	ug/l #	84
23) Vinyl Acetate	3.84	43	10942	3.69	ug/l #	90
24) 1,1-Dichloroethane	3.70	63	1803	0.88	ug/l #	83
25) 2-Butanone	4.73	43	4950	4.51	ug/l	89
26) 2,2-Dichloropropane	4.59	77	1561	0.89	ug/l	94
27) cis-1,2-Dichloroethene	4.61	96	1054	0.88	ug/l	89
28) Bromochloromethane	5.02	49	282	0.42	ug/l #	27
29) Tetrahydrofuran	5.18	42	3491	4.65	ug/l	93
30) Chloroform	5.23	83	1699	0.83	ug/l	89
31) Cyclohexane	5.59	56	1509	0.90	ug/l #	81
32) 1,1,1-Trichloroethane	5.50	97	1537	0.79	ug/l #	48
36) 1,1-Dichloropropene	5.81	75	1581	0.94	ug/l #	74
37) Ethyl Acetate	4.88	43	1964	0.91	ug/l #	81
38) Carbon Tetrachloride	5.80	117	1427	0.76	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	1529	0.75	ug/l	93
40) Benzene	6.16	78	3501	0.74	ug/l	95
41) Methacrylonitrile	5.08	41	1235	1.11	ug/l #	84
42) 1,2-Dichloroethane	6.21	62	1362	0.80	ug/l	89
43) Isopropyl Acetate	6.48	43	2550	0.78	ug/l	94
44) Trichloroethene	7.23	130	1063	0.72	ug/l	85
45) 1,2-Dichloropropane	7.52	63	925	0.80	ug/l #	85
46) Dibromomethane	7.68	93	714	0.80	ug/l	89
47) Bromodichloromethane	7.91	83	1160	0.67	ug/l #	80
48) Methyl methacrylate	7.79	41	1258	0.78	ug/l	90
49) 1,4-Dioxane	7.77	88	510	11.94	ug/l #	87
51) 4-Methyl-2-Pentanone	8.66	43	8394	3.69	ug/l	96
52) Toluene	8.79	92	2383	0.75	ug/l	98
53) t-1,3-Dichloropropene	8.45	75	1401	0.69	ug/l #	87
54) cis-1,3-Dichloropropene	9.05	75	1358	0.69	ug/l	92
55) 1,1,2-Trichloroethane	9.23	97	1009	0.76	ug/l #	76
56) Ethyl methacrylate	9.19	69	1458	0.71	ug/l #	81
57) 1,3-Dichloropropane	9.38	76	1622	0.78	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	3816	3.77	ug/l	98
59) 2-Hexanone	9.51	43	6830	3.69	ug/l	100
60) Dibromochloromethane	9.59	129	1044	0.68	ug/l	95
61) 1,2-Dibromoethane	9.68	107	1091	0.74	ug/l	98
64) Tetrachloroethene	9.35	164	971	0.72	ug/l	91
65) Chlorobenzene	10.15	112	2829	0.75	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	915	0.68	ug/l #	59
67) Ethyl Benzene	10.26	91	4809	0.77	ug/l #	85
68) m/p-Xylenes	10.37	106	3590	1.45	ug/l	97
69) o-Xylene	10.71	106	1749	0.73	ug/l	92
70) Styrene	10.72	104	2747	0.68	ug/l	95
71) Bromoform	10.87	173	814	0.64	ug/l #	92
73) Isopropylbenzene	11.03	105	5127	0.83	ug/l	97
74) N-amyl acetate	6.48	43	2550	0.83	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	11.28	83	1604	0.76	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	1970	1.08	ug/l	74
77) Bromobenzene	11.27	156	1321	0.79	ug/l	86
78) n-propylbenzene	11.37	91	5818	0.81	ug/l	92
79) 2-Chlorotoluene	11.43	91	3357	0.81	ug/l	99
80) 1,3,5-Trimethylbenzene	11.52	105	4256	0.82	ug/l	93
81) trans-1,4-Dichloro-2-buten	11.15	75	39600	53.55	ug/l #	11
82) 4-Chlorotoluene	11.52	91	3958	0.80	ug/l	94
83) tert-Butylbenzene	11.78	119	4063	0.78	ug/l	97
84) 1,2,4-Trimethylbenzene	11.82	105	3831	0.72	ug/l	91
85) sec-Butylbenzene	11.96	105	5025	0.78	ug/l	100
86) p-Isopropyltoluene	12.07	119	4486	0.78	ug/l	95
87) 1,3-Dichlorobenzene	12.03	146	2501	0.79	ug/l	95
88) 1,4-Dichlorobenzene	12.03	146	2501	0.78	ug/l	96
89) n-Butylbenzene	12.40	91	4225	0.78	ug/l	95
90) Hexachloroethane	12.60	117	681	0.67	ug/l	86
91) 1,2-Dichlorobenzene	12.40	146	2366	0.77	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	413	0.69	ug/l	95

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QLast Update : Fri Feb 09 23:01:05 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	1814	0.77	ug/l	97
94) Hexachlorobutadiene	13.79	225	813	0.73	ug/l	96
95) Naphthalene	13.84	128	6086	0.79	ug/l	98
96) 1,2,3-Trichlorobenzene	14.03	180	1762	0.77	ug/l	96

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

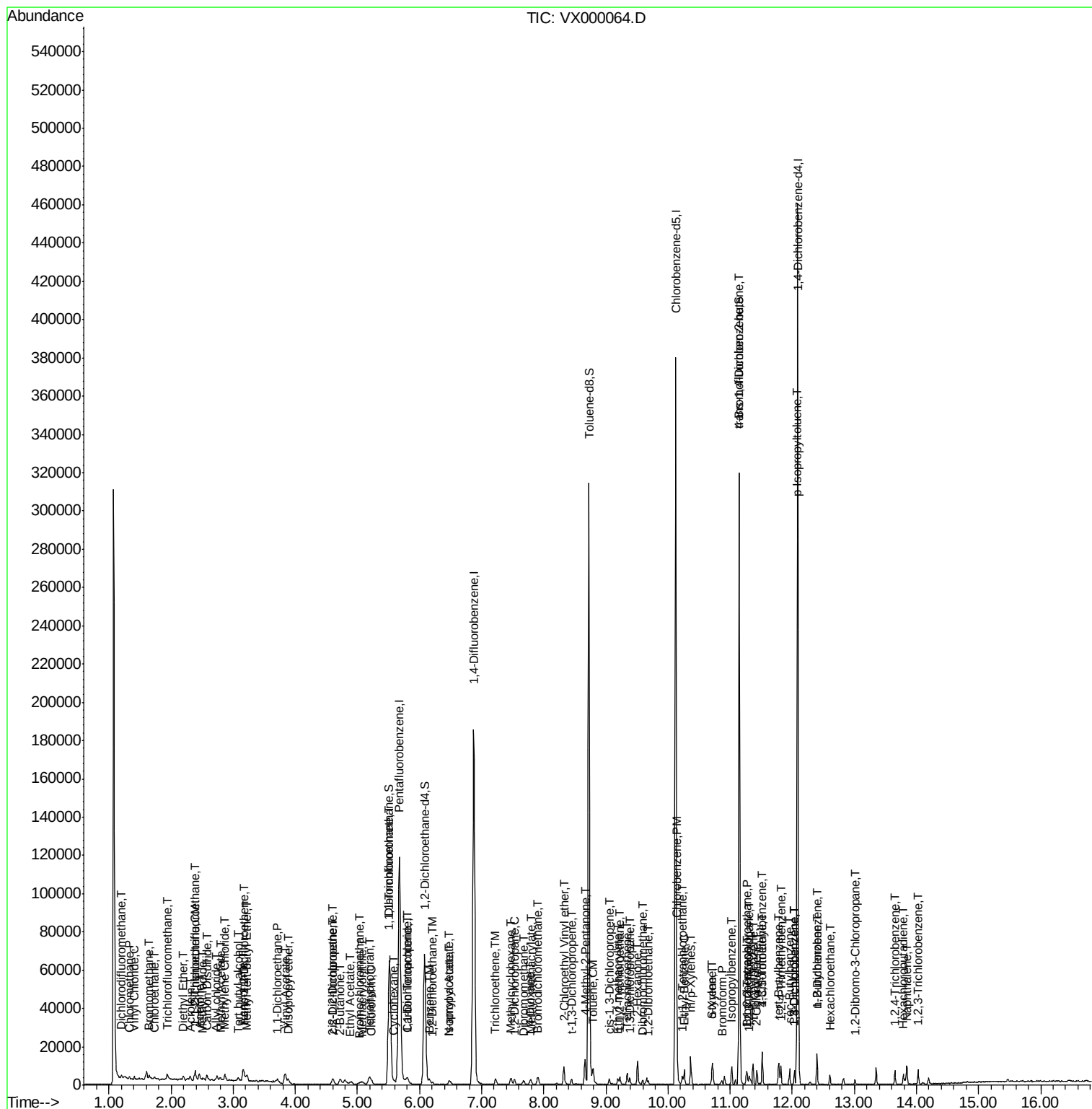
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Operator   : JC/MD  
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Misc       : 5.0mL/MSVOA X/WATER  
ALS Vial   : 8   Sample Multiplier: 1
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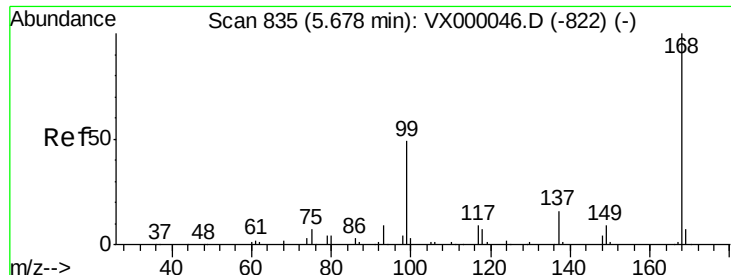
Instrument :
ClientSampleId :
MDL 02

Manual Integrations APPROVED

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QLast Update : Fri Feb 09 23:01:05 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.00 min

Lab File: VX000064.D

Acq: 12 Feb 2018 14:25

Instrument :

ClientSampled :

MDL 02

Tot Ion:168 Resp: 117474

Ion Ratio Lower Upper

168 100

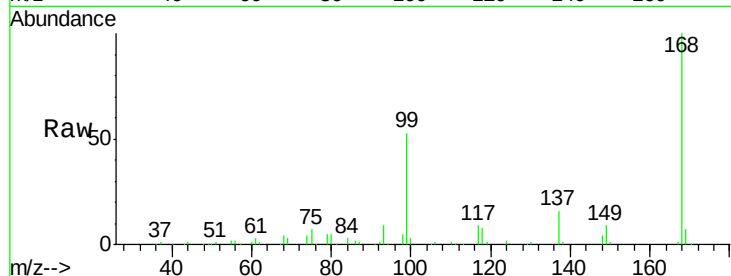
99 52.9 39.4 59.2

Manual Integrations

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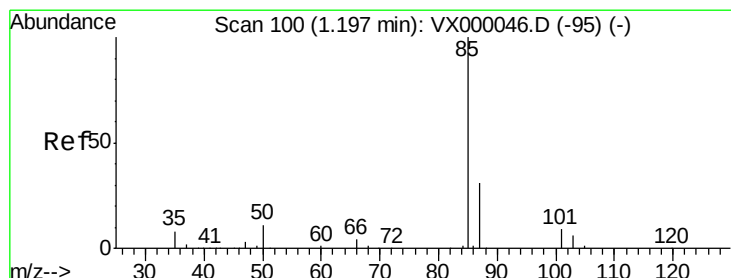
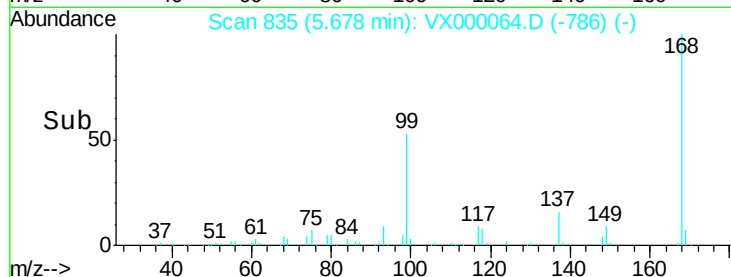
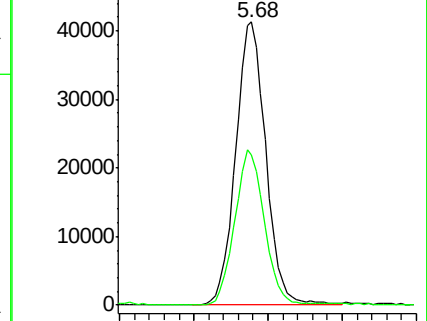
MMDadoda

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 0.96 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000064.D

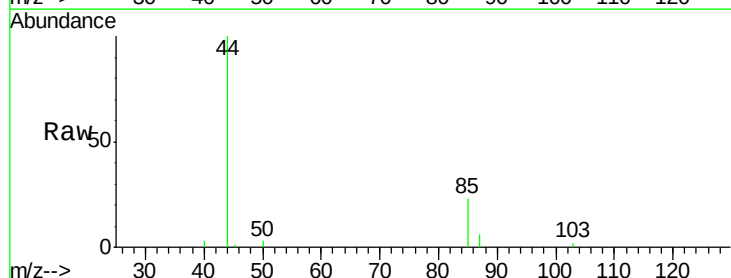
Acq: 12 Feb 2018 14:25

Tgt Ion: 85 Resp: 1022

Ion Ratio Lower Upper

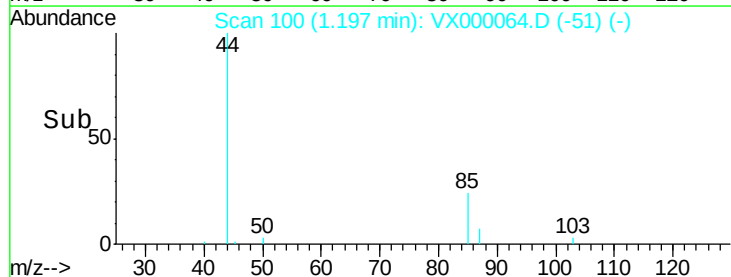
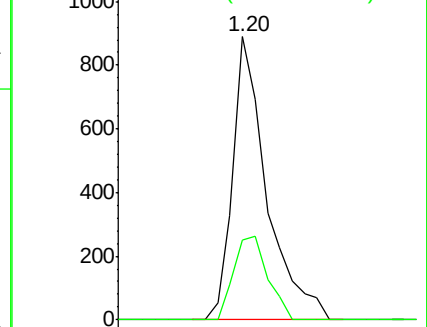
85 100

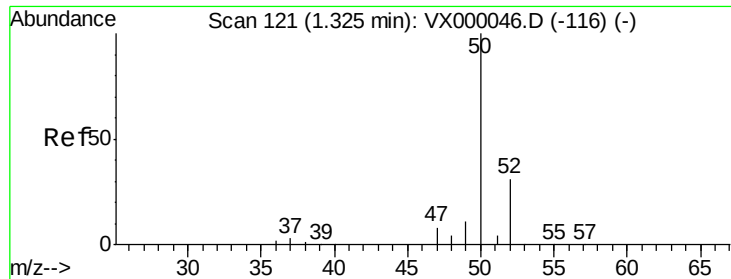
87 28.1 15.7 47.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 0.86 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000064.D

Acq: 12 Feb 2018 14:25

Instrument :

ClientSampled :

MDL 02

Tot Ion: 50 Resp: 930

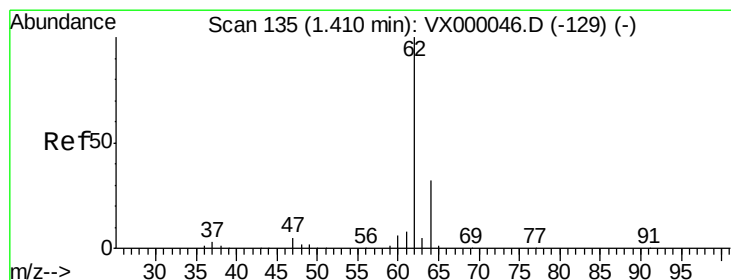
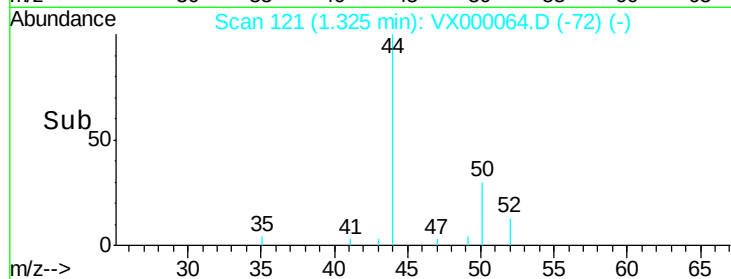
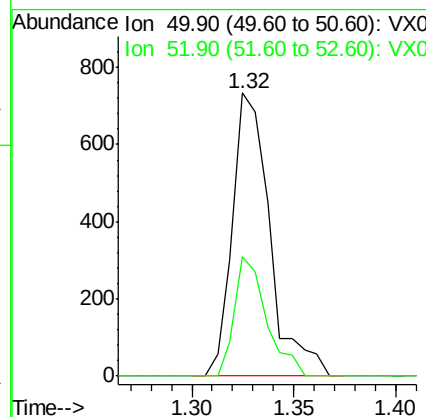
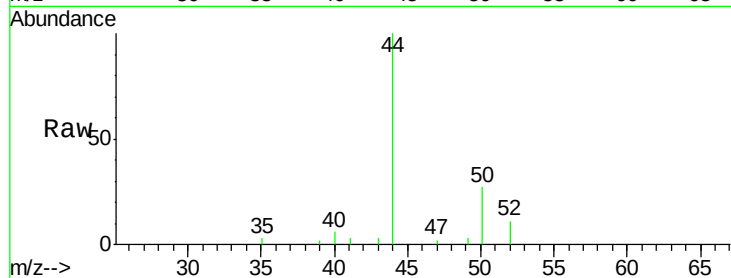
Ion Ratio Lower Upper

50 100

52 42.2 25.0 37.6#

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#4

Vinyl Chloride

Concen: 0.84 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX000064.D

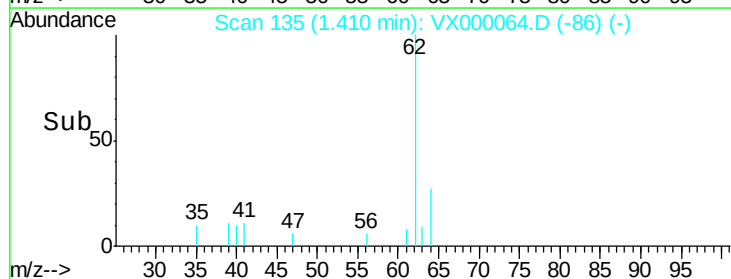
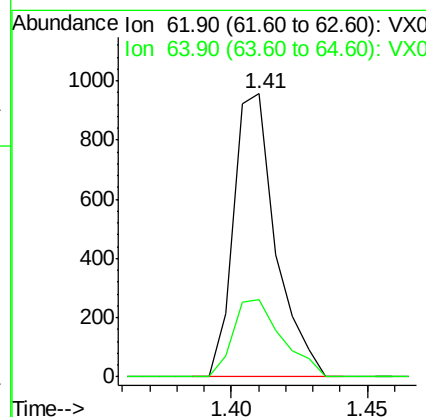
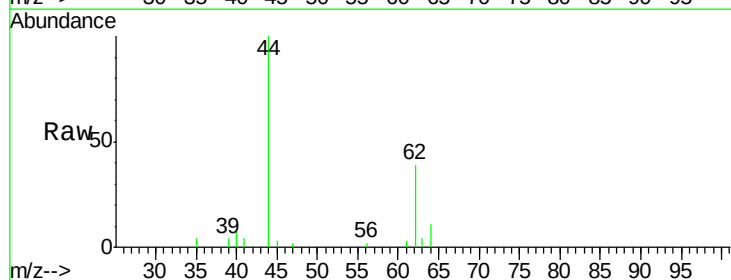
Acq: 12 Feb 2018 14:25

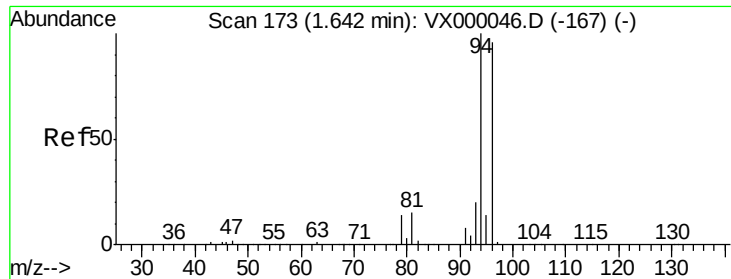
Tgt Ion: 62 Resp: 1025

Ion Ratio Lower Upper

62 100

64 27.2 25.4 38.0





#5

Bromomethane

Concen: 1.76 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX000064.D

Acq: 12 Feb 2018 14:25

Instrument :

ClientSampled :

MDL 02

Tot Ion: 94 Resp: 1149

Ion Ratio Lower Upper

94 100

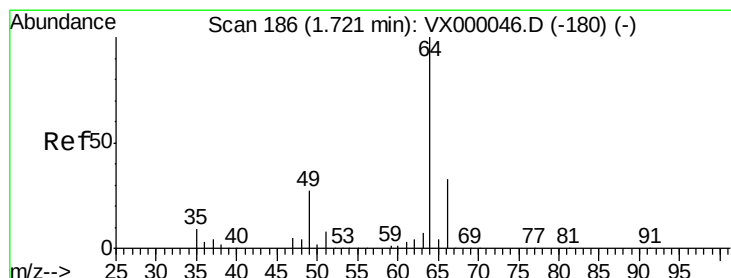
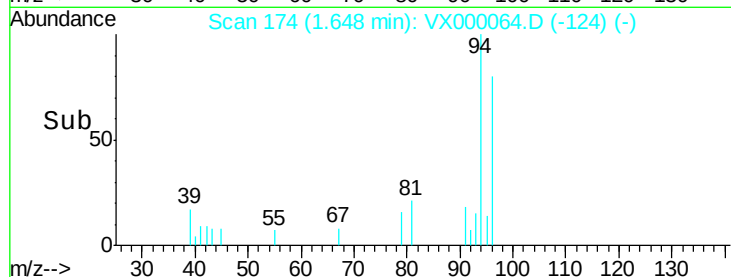
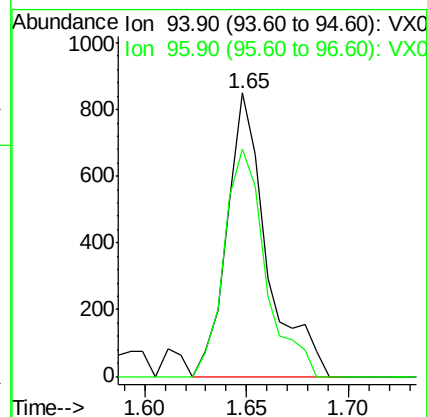
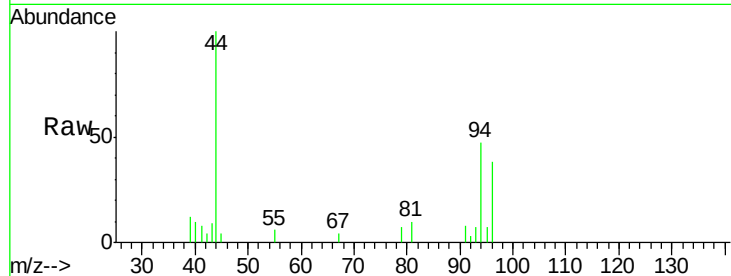
96 80.3 76.7 115.1

Manual Integrations

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#6

Chloroethane

Concen: 1.30 ug/l m

RT: 1.73 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX000064.D

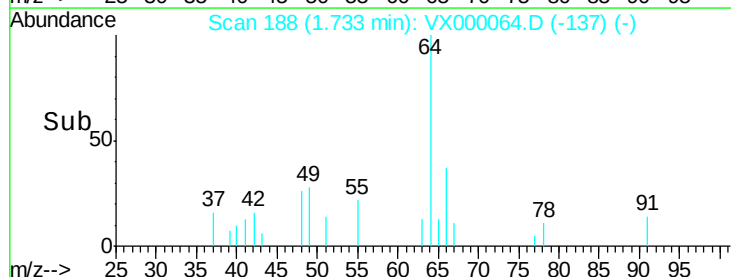
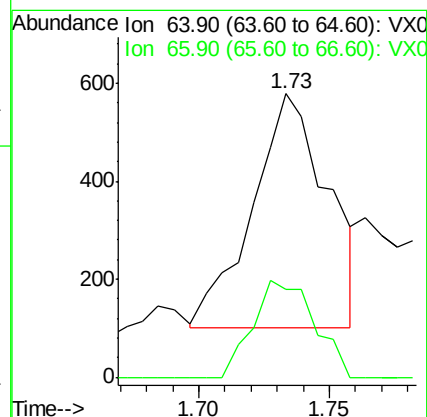
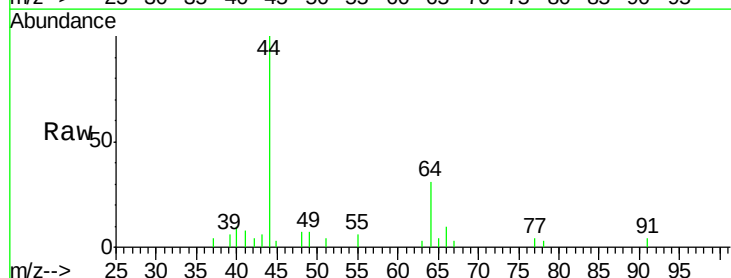
Acq: 12 Feb 2018 14:25

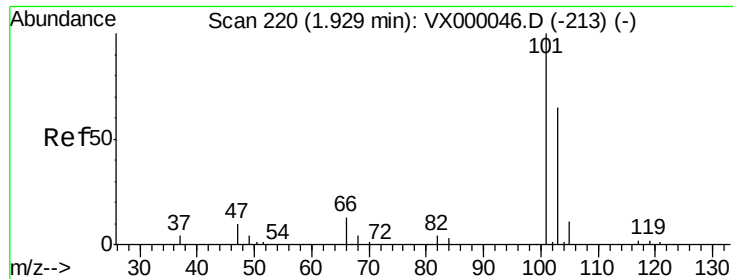
Tgt Ion: 64 Resp: 955

Ion Ratio Lower Upper

64 100

66 31.1 26.4 39.6





#7

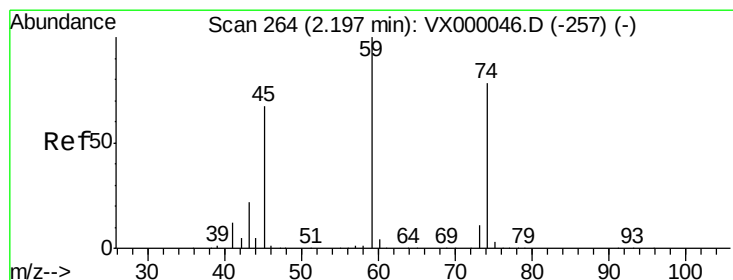
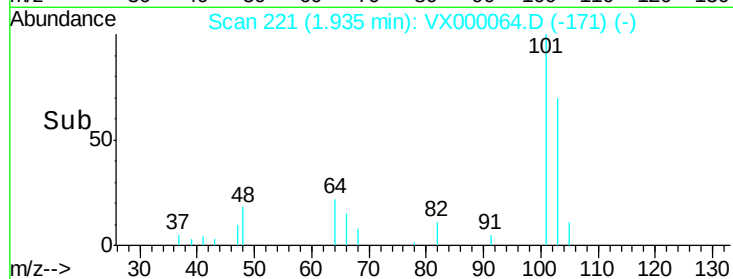
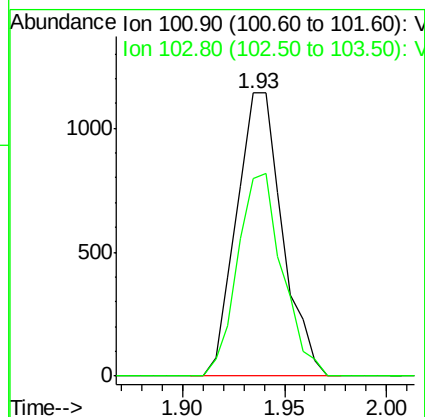
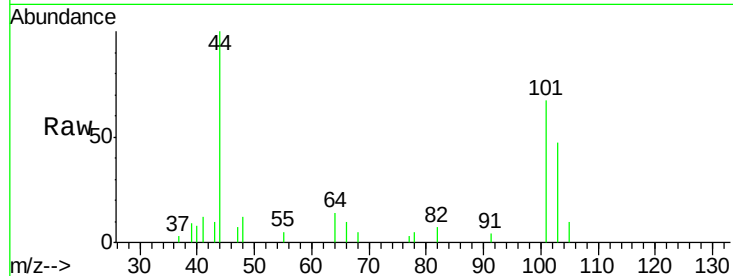
Trichlorofluoromethane
Concen: 0.84 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.01 min
Lab File: VX000064.D
Acq: 12 Feb 2018 14:25

Instrument :
ClientSampled :
MDL 02

Tot Ion	Ratio	Lower	Upper
101	100		
103	69.8	52.3	78.5

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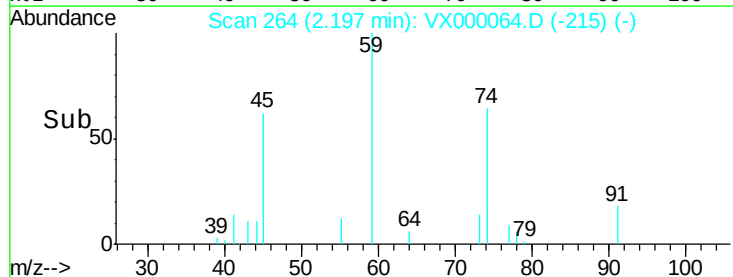
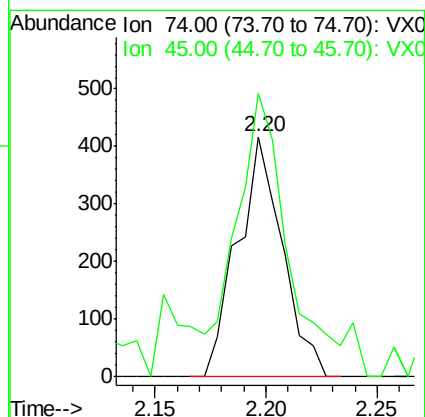
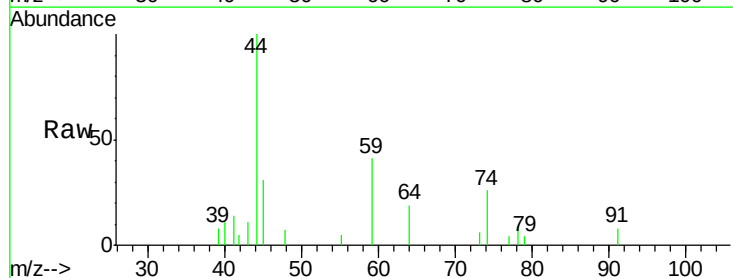
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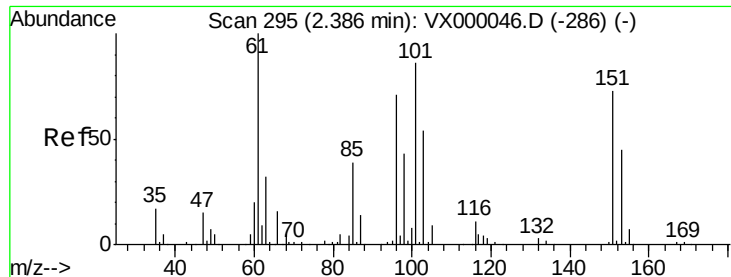


#8

Diethyl Ether
Concen: 0.76 ug/l
RT: 2.20 min Scan# 264
Delta R.T. -0.00 min
Lab File: VX000064.D
Acq: 12 Feb 2018 14:25

Tgt Ion	Ratio	Lower	Upper
74	100		
45	139.1	44.3	132.8#





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.88 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.01 min

Lab File: VX000064.D

Acq: 12 Feb 2018 14:25

Instrument :

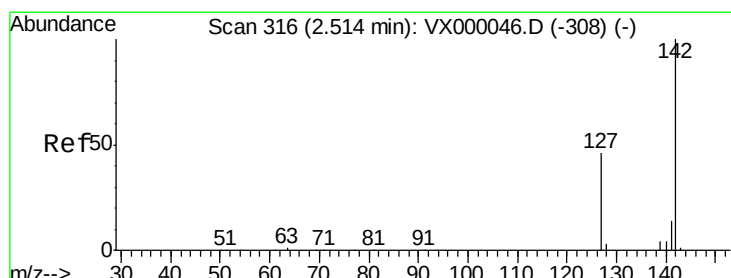
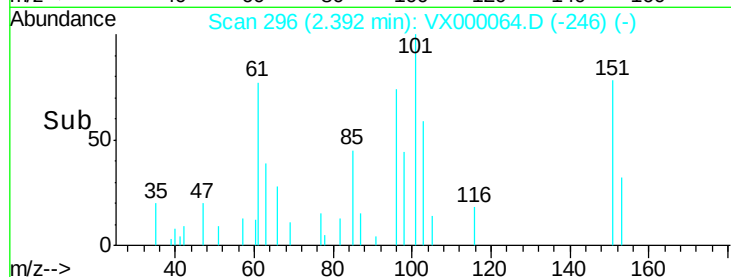
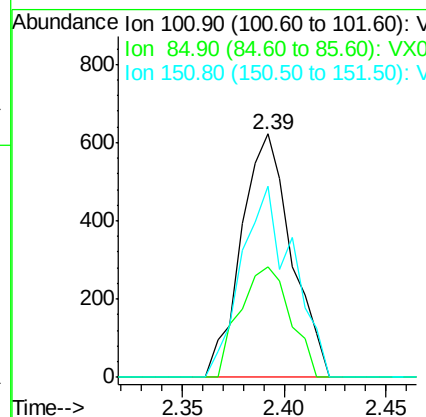
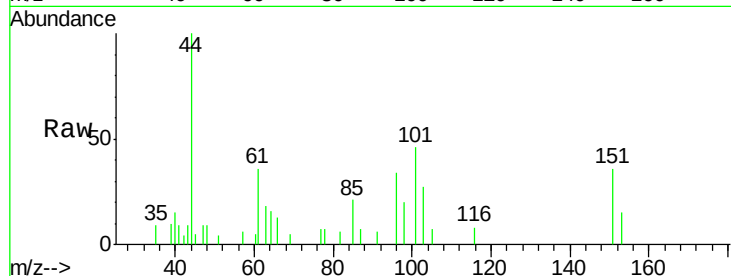
ClientSampled :

MDL 02

Tot Ion	Ratio	Lower	Upper
101	100		
85	45.5	36.6	54.8
151	80.7	68.8	103.2

Manual Integrations
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2/16/2018 11:44:50 AM



#10

Methyl Iodide

Concen: 2.28 ug/l

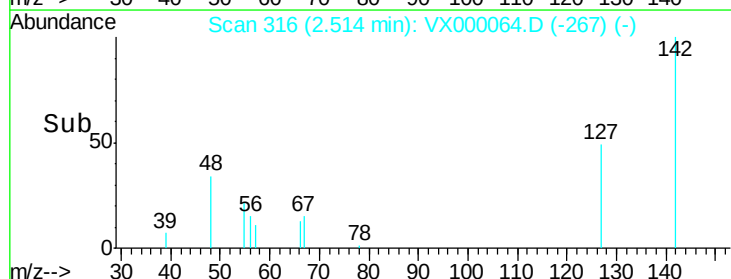
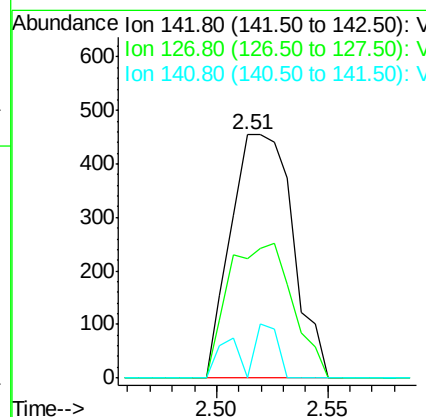
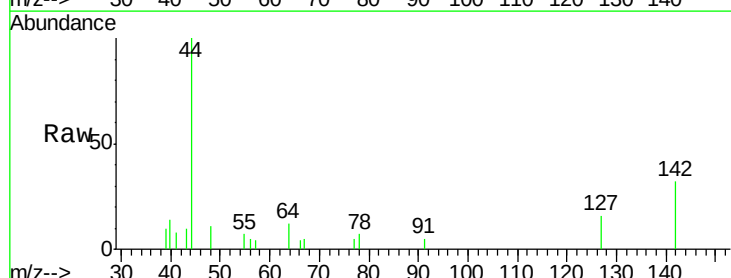
RT: 2.51 min Scan# 316

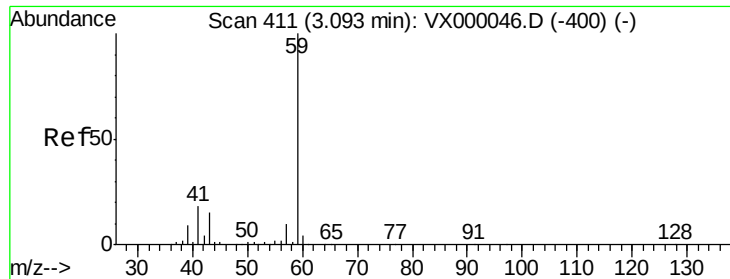
Delta R.T. 0.00 min

Lab File: VX000064.D

Acq: 12 Feb 2018 14:25

Tgt Ion	Ratio	Lower	Upper
142	100		
127	57.2	36.8	55.2#
141	8.1	11.4	17.0#





#11

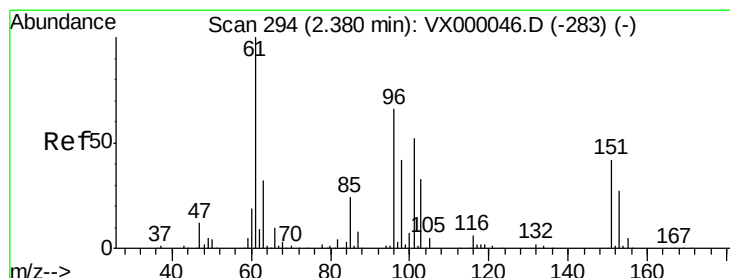
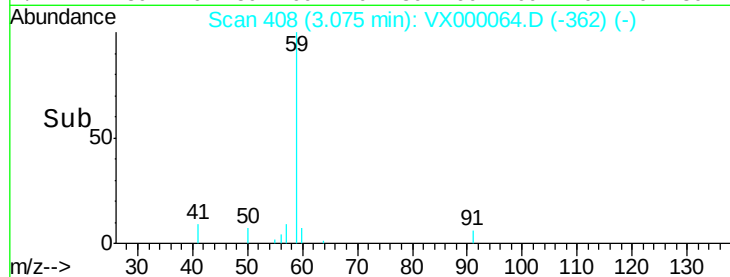
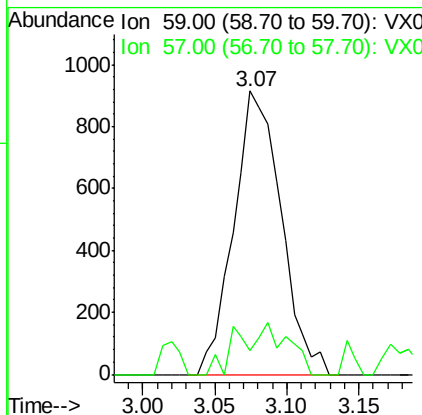
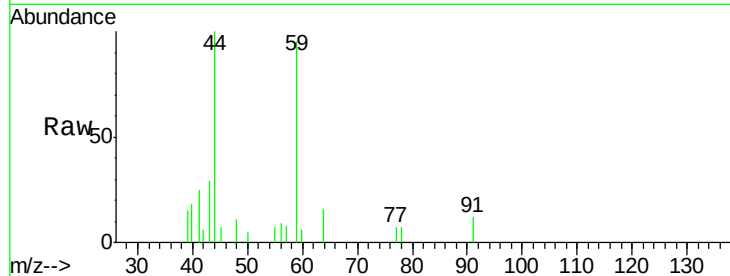
Tert butyl alcohol
Concen: 4.25 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.02 min
Lab File: VX000064.D
Acq: 12 Feb 2018 14:25

Instrument :
ClientSampled :
MDL 02

Tot Ion: 59 Resp: 2088
Ion Ratio Lower Upper
59 100
57 11.6 8.4 12.6

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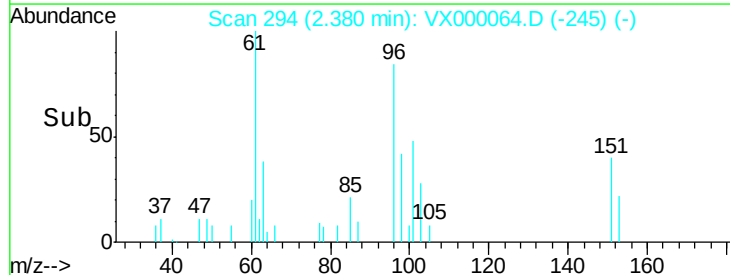
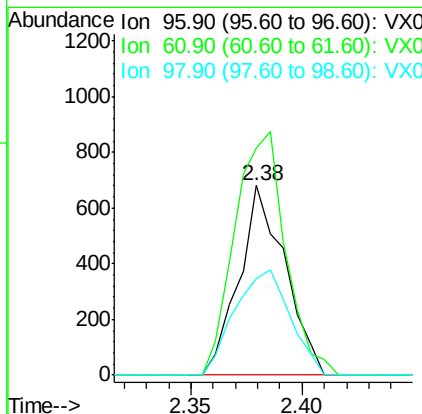
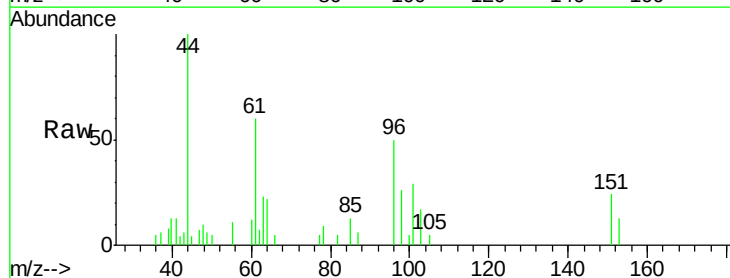
MMDadoda
2/16/2018 11:44:50 AM

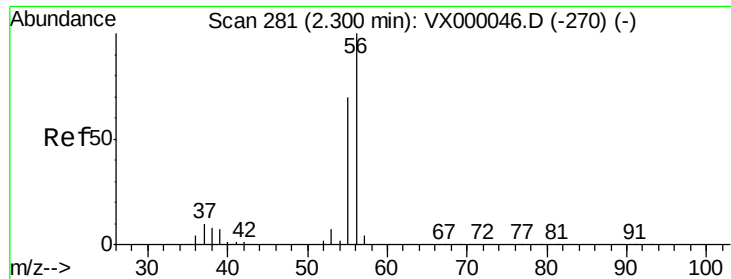


#12

1,1-Dichloroethene
Concen: 0.86 ug/l
RT: 2.38 min Scan# 294
Delta R.T. -0.00 min
Lab File: VX000064.D
Acq: 12 Feb 2018 14:25

Tgt Ion: 96 Resp: 980
Ion Ratio Lower Upper
96 100
61 119.4 120.3 180.5#
98 50.7 51.0 76.4#





#13

Acrolein

Concen: 5.08 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX000064.D

Acq: 12 Feb 2018 14:25

Instrument :

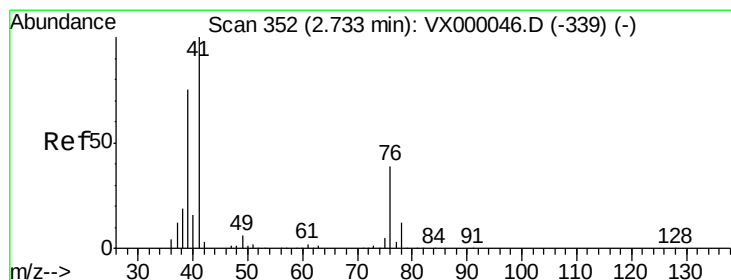
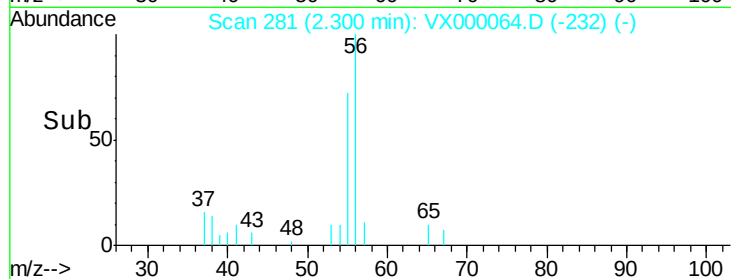
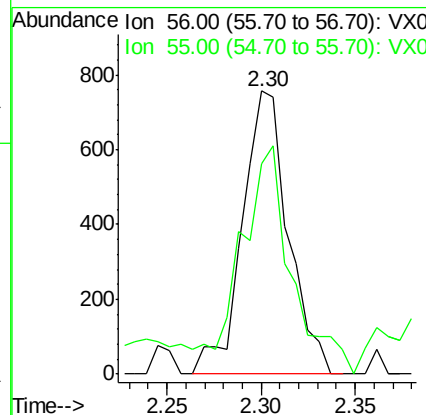
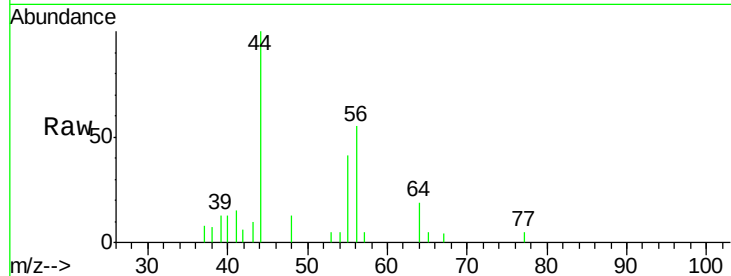
ClientSampled :

MDL 02

Tot Ion	Ratio	Lower	Upper
56	100		
55	89.1	56.4	84.6#

Manual Integrations
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2/16/2018 11:44:50 AM



#14

Allyl chloride

Concen: 0.80 ug/l

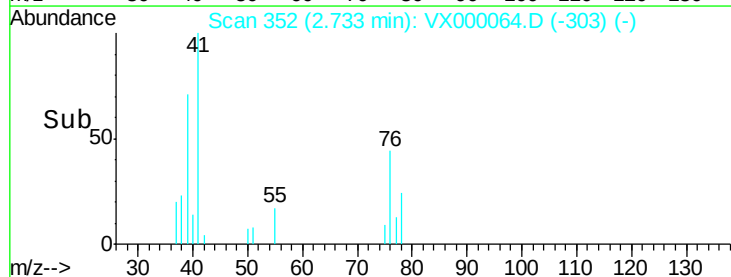
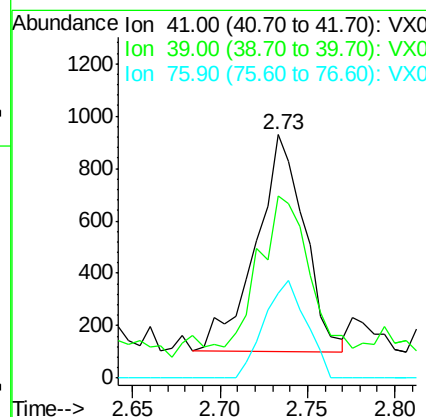
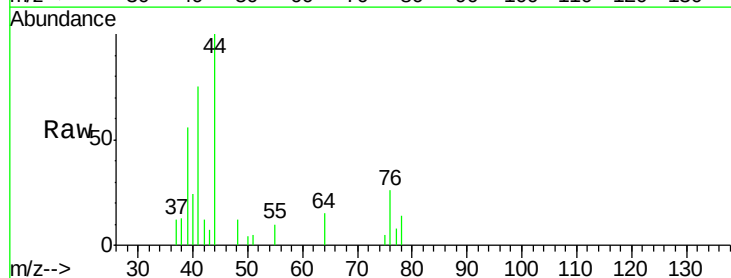
RT: 2.73 min Scan# 352

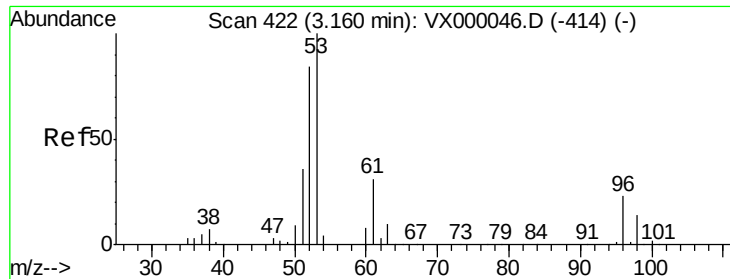
Delta R.T. -0.00 min

Lab File: VX000064.D

Acq: 12 Feb 2018 14:25

Tgt Ion	Ratio	Lower	Upper
41	100		
39	69.3	55.8	83.6
76	39.1	28.7	43.1





#15

Acrylonitrile

Concen: 4.26 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX000064.D

Acq: 12 Feb 2018 14:25

Instrument :

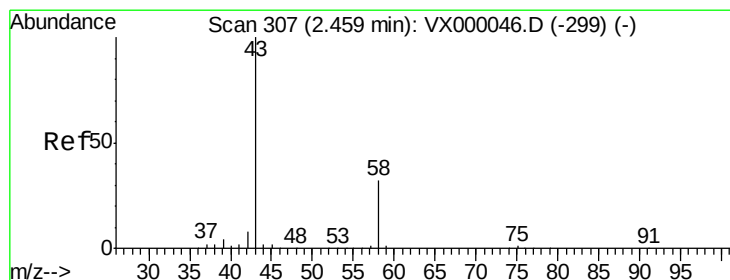
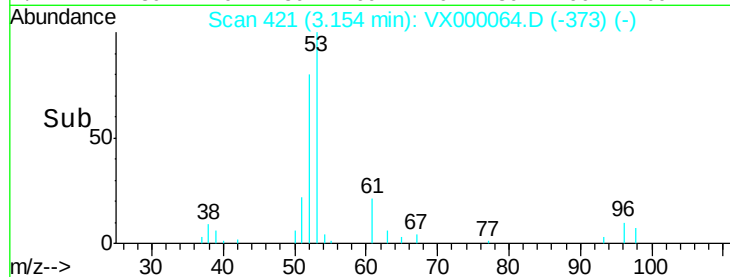
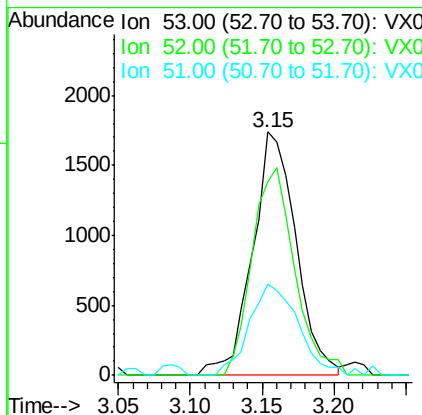
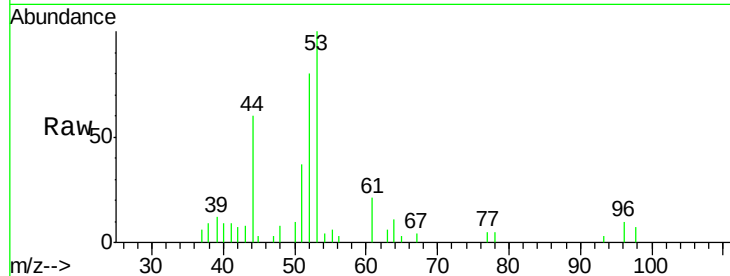
ClientSampled :

MDL 02

Tot Ion:	53	Resp:	3646
Ion	Ratio	Lower	Upper
53	100		
52	83.4	66.5	99.7
51	41.9	29.1	43.7

Manual Integrations
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2/16/2018 11:44:50 AM



#16

Acetone

Concen: 4.68 ug/l

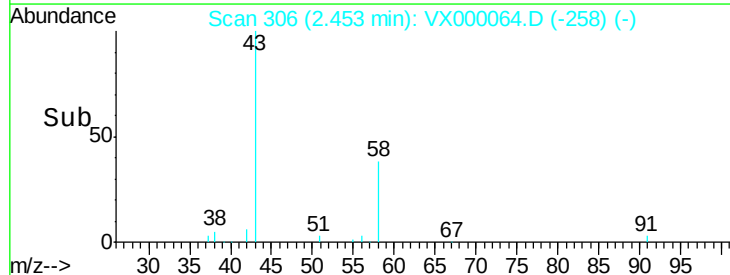
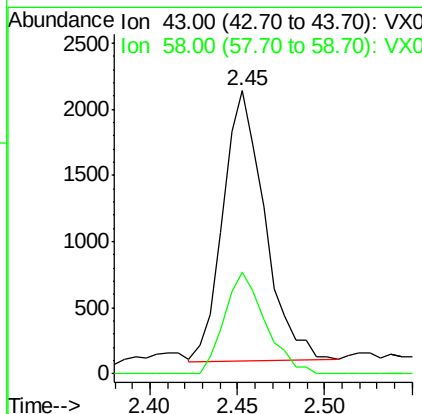
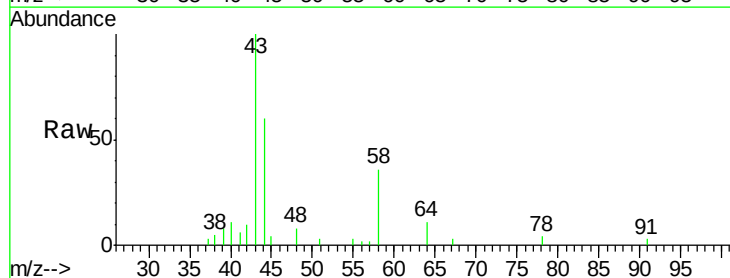
RT: 2.45 min Scan# 306

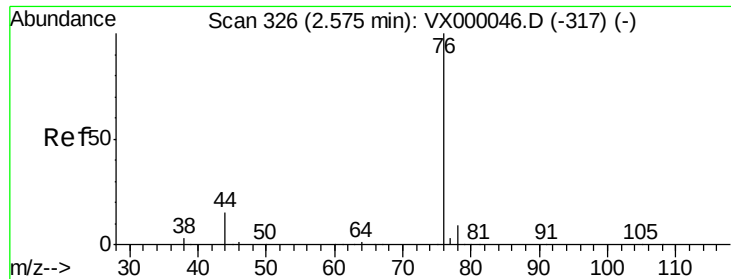
Delta R.T. -0.01 min

Lab File: VX000064.D

Acq: 12 Feb 2018 14:25

Tgt Ion:	43	Resp:	3403
Ion	Ratio	Lower	Upper
43	100		
58	37.7	25.9	38.9





#17

Carbon Disulfide

Concen: 0.85 ug/l

RT: 2.57 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX000064.D

Acq: 12 Feb 2018 14:25

Instrument :

ClientSampled :

MDL 02

Tot Ion: 76 Resp: 2837

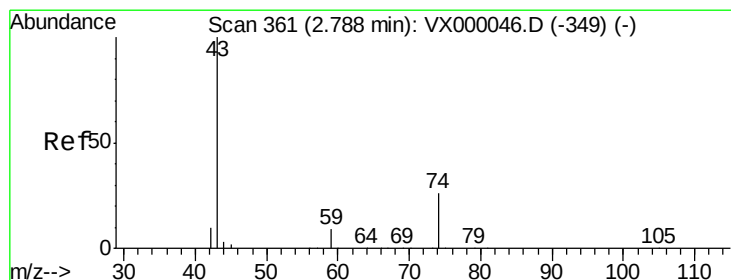
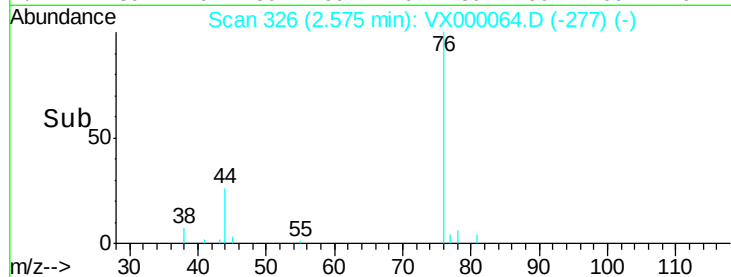
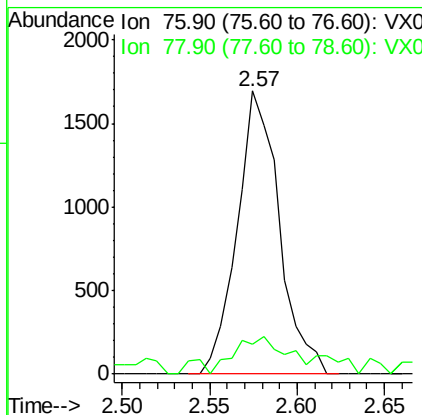
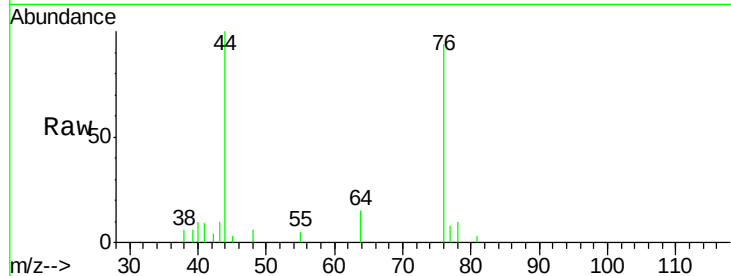
Ion Ratio Lower Upper

76 100

78 6.6 7.5 11.3#

Manual Integrations
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2/16/2018 11:44:50 AM



#18

Methyl Acetate

Concen: 0.95 ug/l

RT: 2.79 min Scan# 361

Delta R.T. -0.00 min

Lab File: VX000064.D

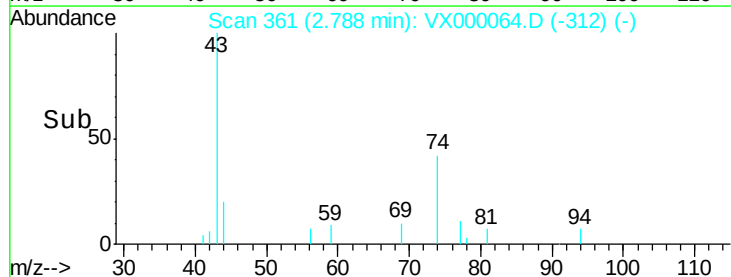
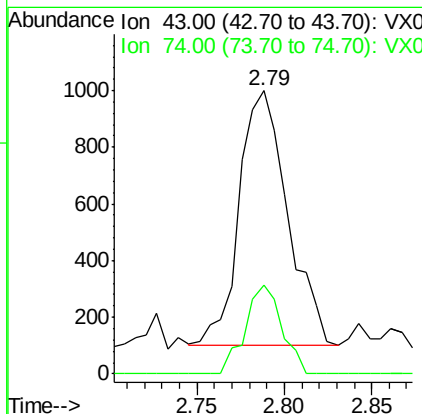
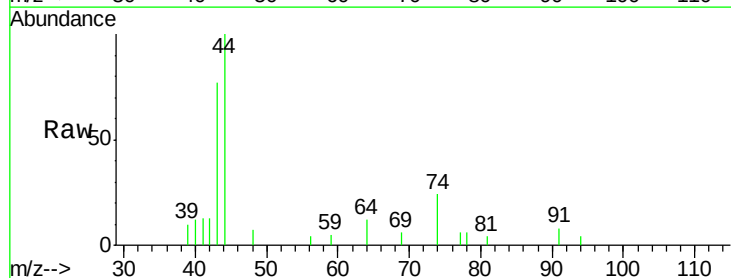
Acq: 12 Feb 2018 14:25

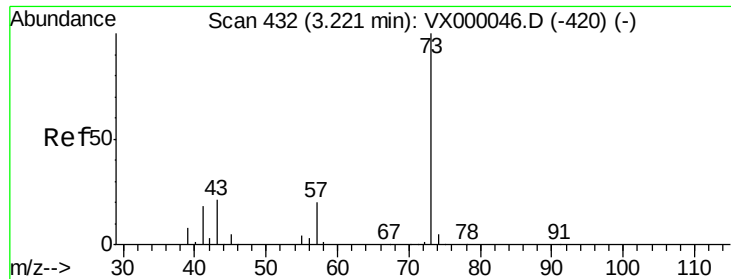
Tgt Ion: 43 Resp: 1737

Ion Ratio Lower Upper

43 100

74 26.1 20.2 30.4





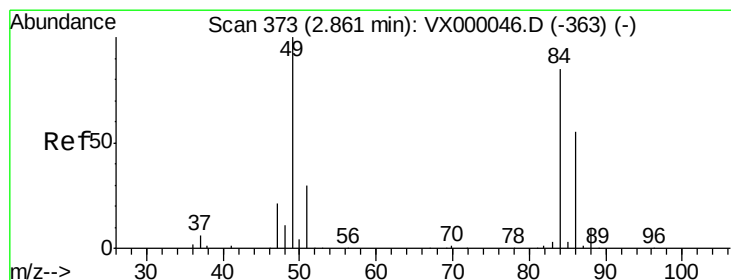
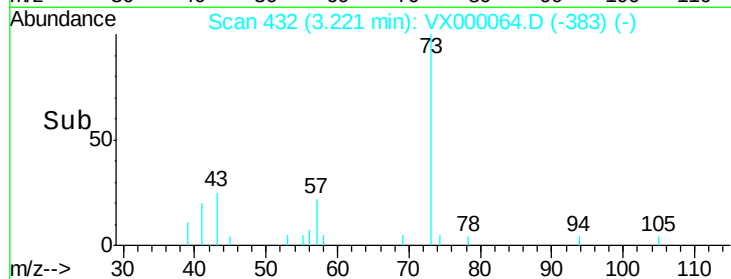
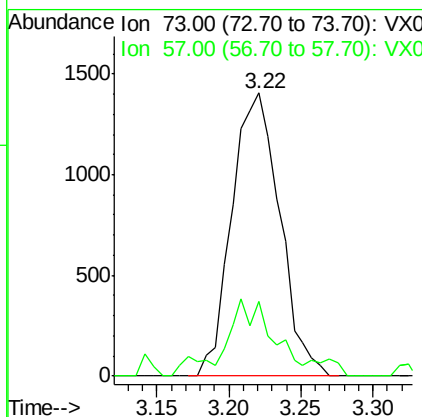
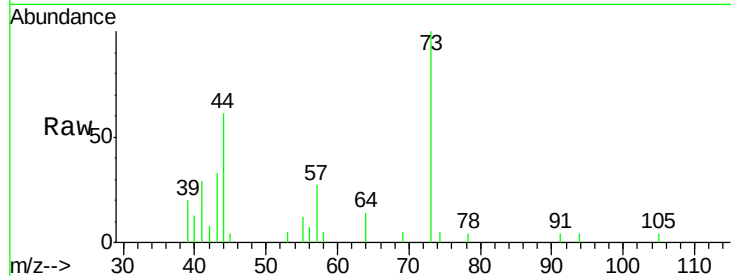
#19
Methyl tert-butyl Ether
Concen: 0.83 ug/l
RT: 3.22 min Scan# 432
Delta R.T. -0.00 min
Lab File: VX000064.D
Acq: 12 Feb 2018 14:25

Instrument :
ClientSampled :
MDL 02

Tot Ion: 73 Resp: 3251
Ion Ratio Lower Upper
73 100
57 22.0 16.2 24.4

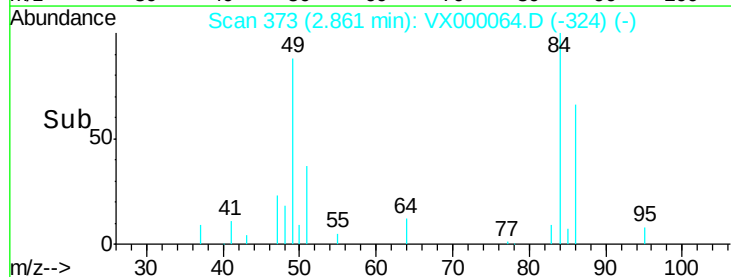
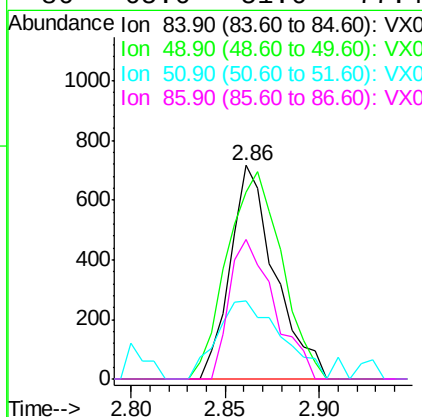
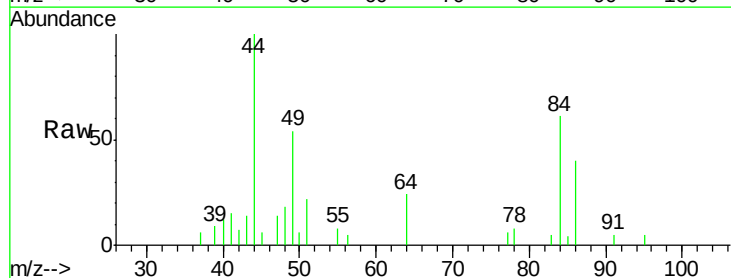
Manual Integrations
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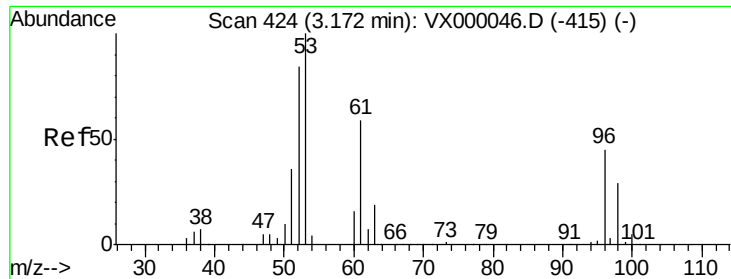
MMDadoda
2/16/2018 11:44:50 AM



#20
Methylene Chloride
Concen: 0.97 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX000064.D
Acq: 12 Feb 2018 14:25

Tgt Ion: 84 Resp: 1181
Ion Ratio Lower Upper
84 100
49 87.8 94.4 141.6#
51 36.6 28.3 42.5
86 65.6 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 0.88 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000064.D

Acq: 12 Feb 2018 14:25

Instrument :

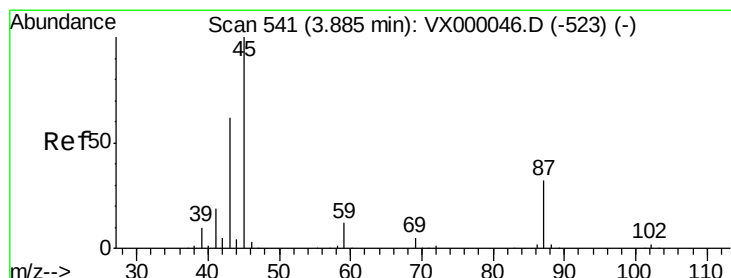
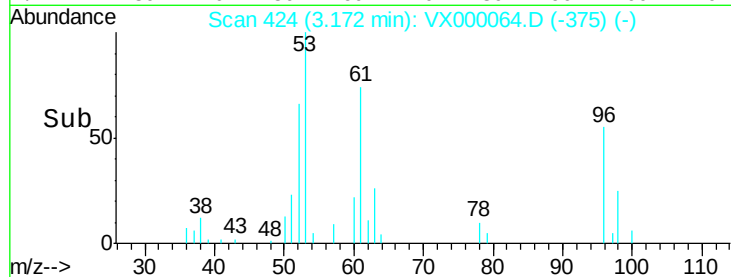
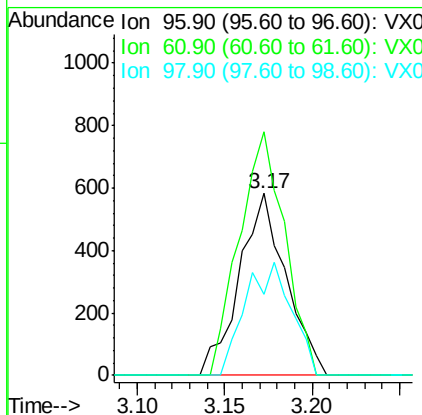
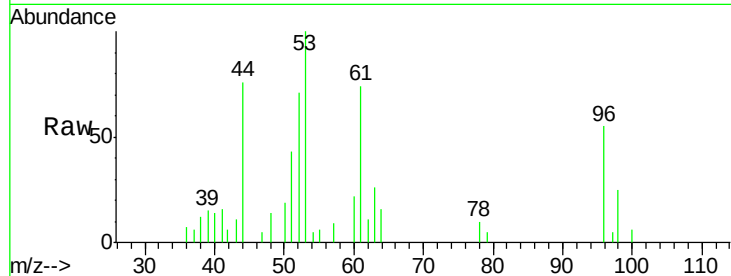
ClientSampled :

MDL 02

Tot Ion	96	Resp	1085
Ion	Ratio	Lower	Upper
96	100		
61	134.0	104.9	157.3
98	44.8	52.4	78.6#

Manual Integrations
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2/16/2018 11:44:50 AM



#22

Diisopropyl ether

Concen: 0.80 ug/l

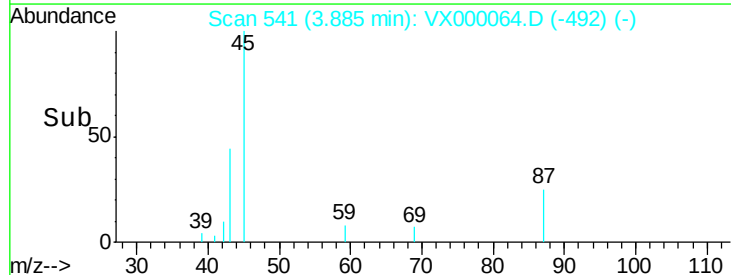
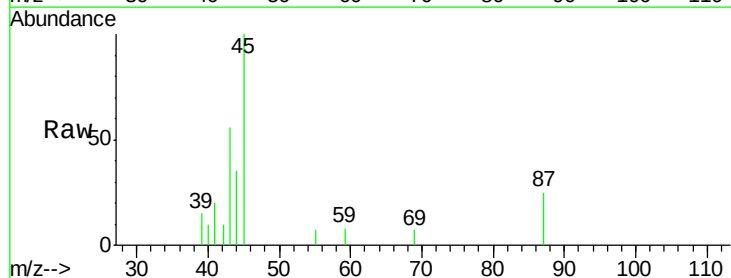
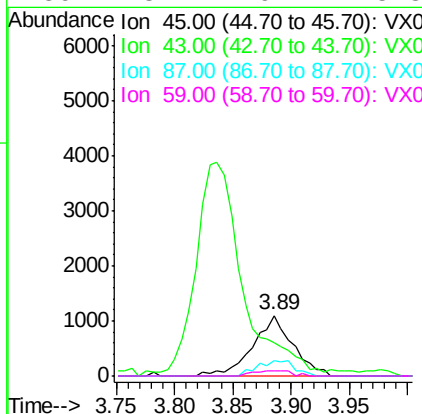
RT: 3.89 min Scan# 541

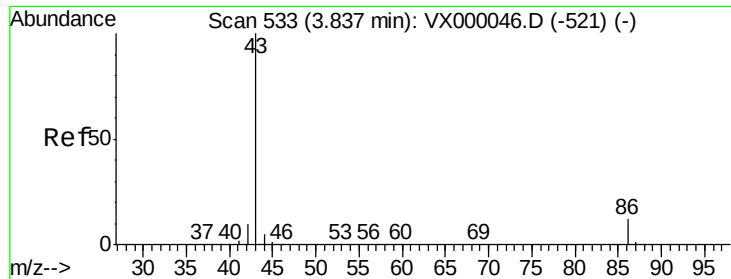
Delta R.T. -0.00 min

Lab File: VX000064.D

Acq: 12 Feb 2018 14:25

Tgt Ion	45	Resp	2638
Ion	Ratio	Lower	Upper
45	100		
43	48.0	49.6	74.4#
87	25.0	25.9	38.9#
59	8.4	9.2	13.8#





#23

Vinyl Acetate

Concen: 3.69 ug/l

RT: 3.84 min Scan# 533

Delta R.T. -0.00 min

Lab File: VX000064.D

Acq: 12 Feb 2018 14:25

Instrument :

ClientSampled :

MDL 02

Tot Ion: 43 Resp: 10942

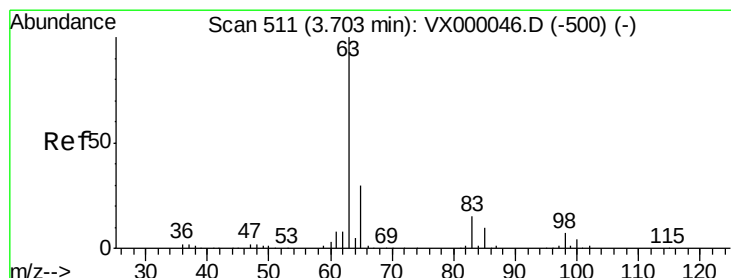
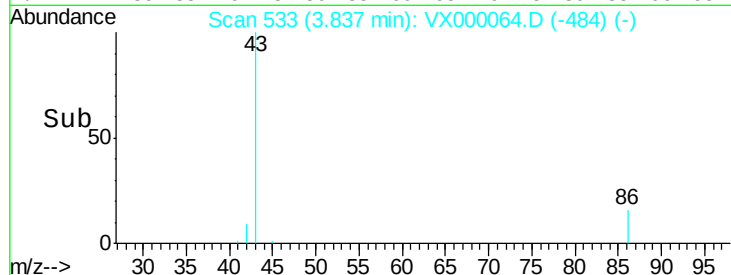
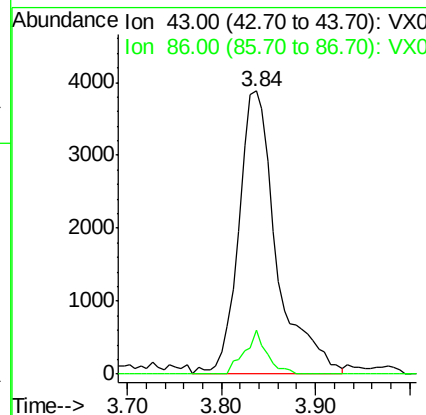
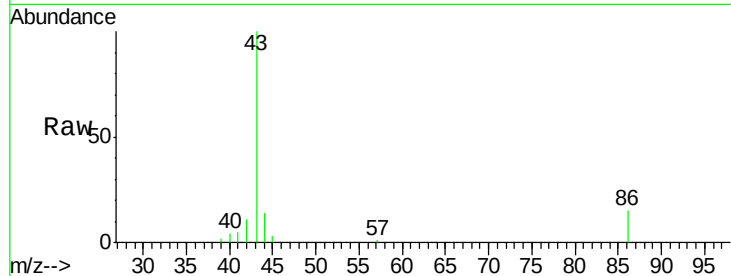
Ion Ratio Lower Upper

43 100

86 15.4 9.3 13.9#

Manual Integrations
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2/16/2018 11:44:50 AM



#24

1,1-Dichloroethane

Concen: 0.88 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX000064.D

Acq: 12 Feb 2018 14:25

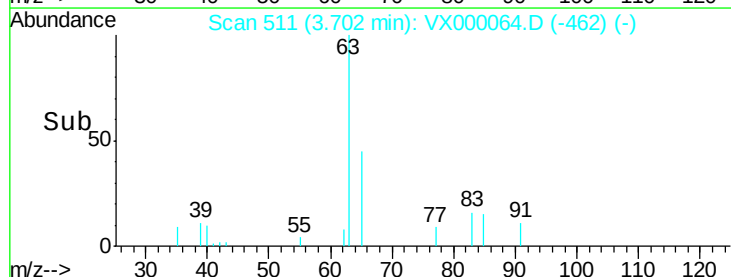
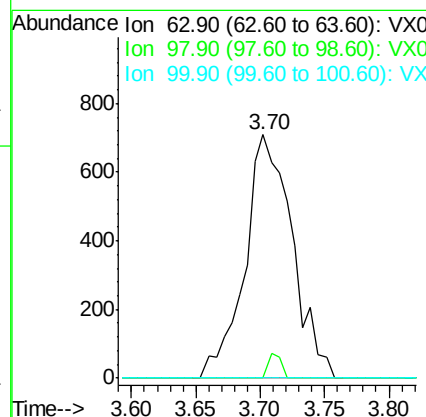
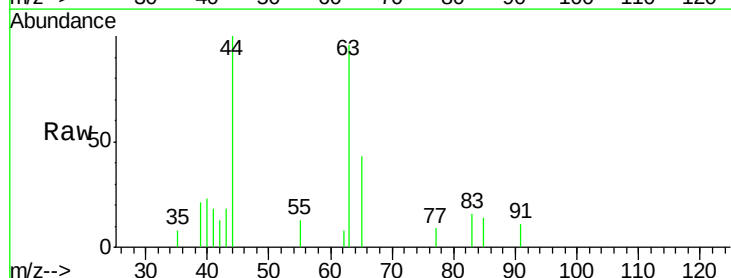
Tgt Ion: 63 Resp: 1803

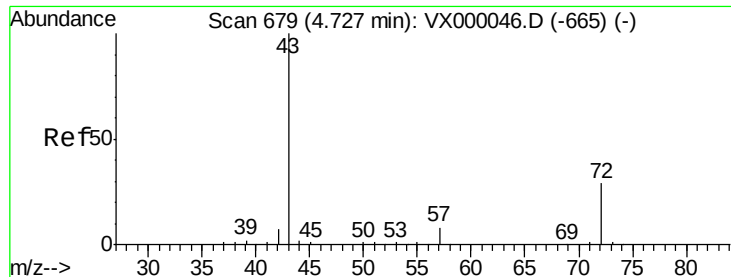
Ion Ratio Lower Upper

63 100

98 0.0 3.3 9.9#

100 0.0 2.1 6.2#





#25

2-Butanone

Concen: 4.51 ug/l

RT: 4.73 min Scan# 679

Delta R.T. -0.00 min

Lab File: VX000064.D

Acq: 12 Feb 2018 14:25

Instrument :

ClientSampled :

MDL 02

Tot Ion: 43 Resp: 4950

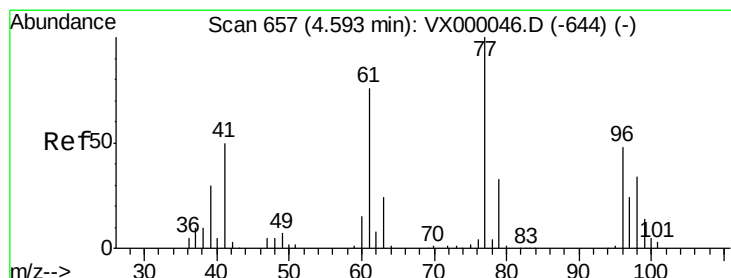
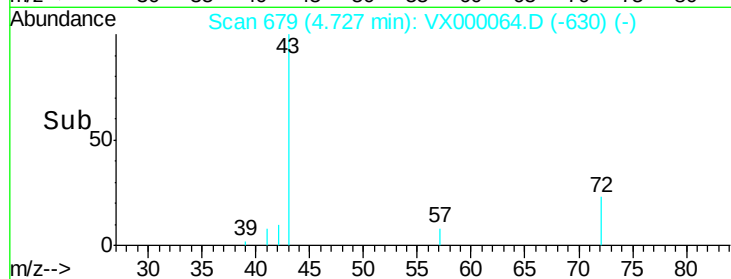
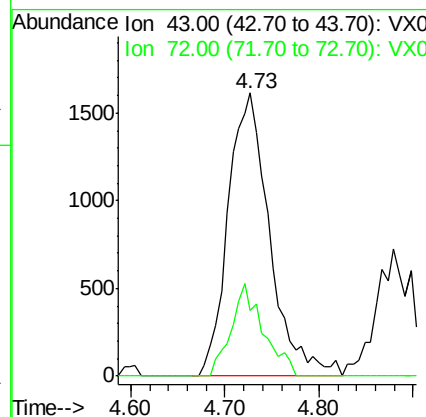
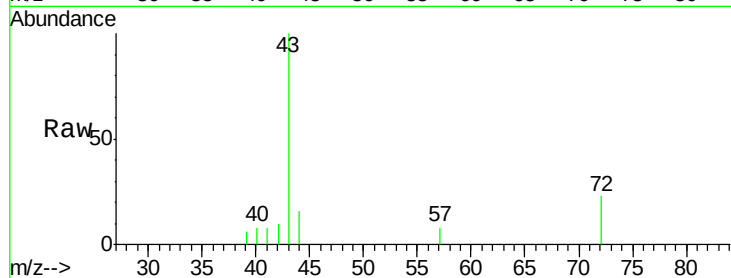
Ion Ratio Lower Upper

43 100

72 23.2 23.0 34.6

Manual Integrations
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2/16/2018 11:44:50 AM



#26

2,2-Dichloropropane

Concen: 0.89 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX000064.D

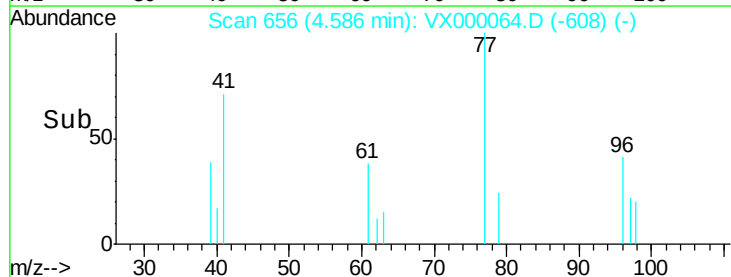
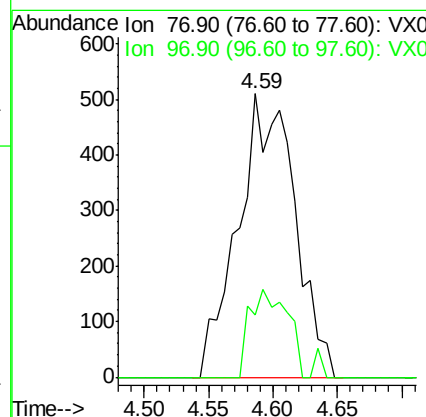
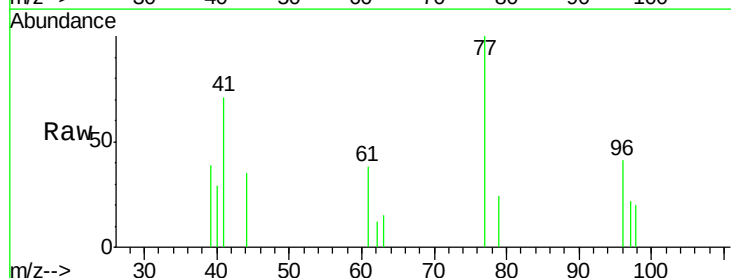
Acq: 12 Feb 2018 14:25

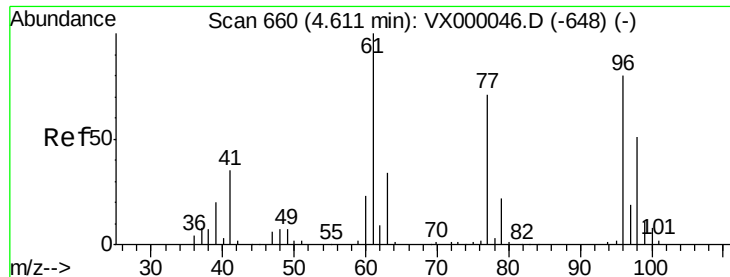
Tgt Ion: 77 Resp: 1561

Ion Ratio Lower Upper

77 100

97 20.5 11.8 35.4





#27

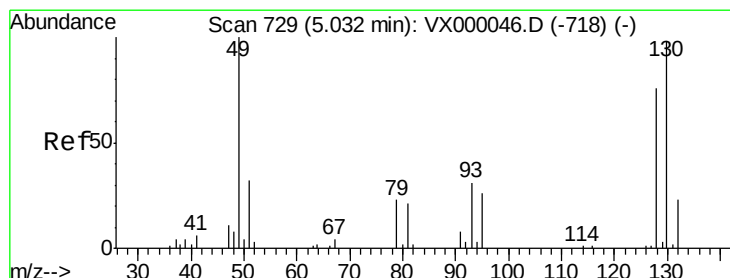
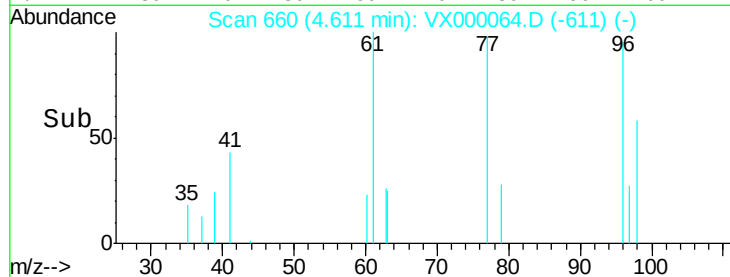
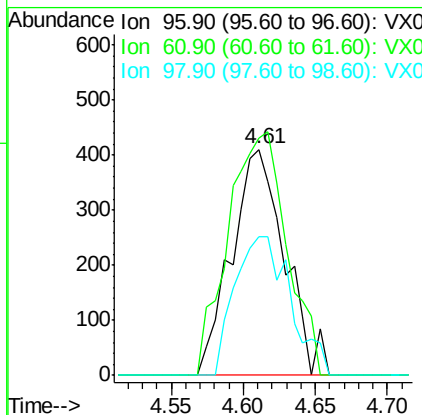
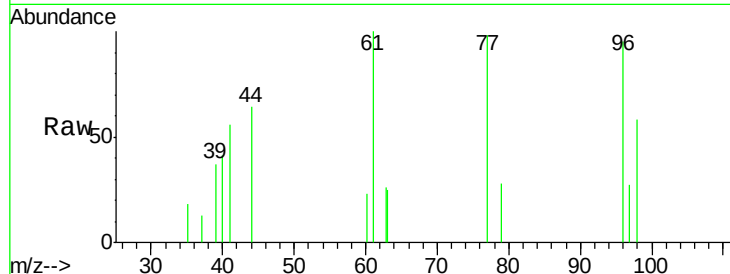
cis-1,2-Dichloroethene
Concen: 0.88 ug/l
RT: 4.61 min Scan# 660
Delta R.T. -0.00 min
Lab File: VX000064.D
Acq: 12 Feb 2018 14:25

Instrument :
ClientSampled :
MDL 02

Tot Ion	Ratio	Lower	Upper
96	100		
61	119.0	0.0	274.4
98	64.2	0.0	132.4

Manual Integrations
APPROVED

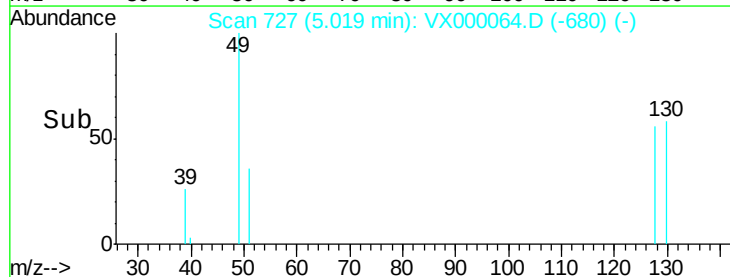
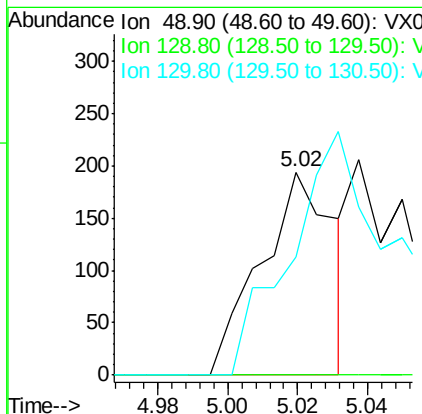
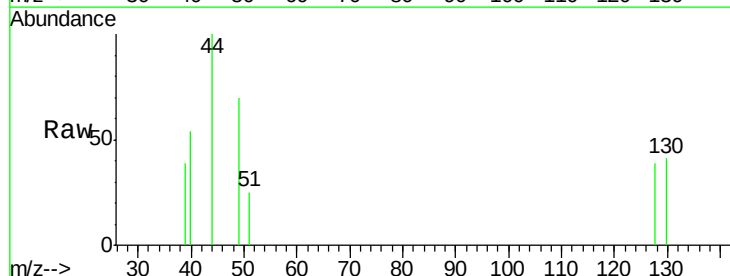
MMDadoda
2/16/2018 11:44:50 AM

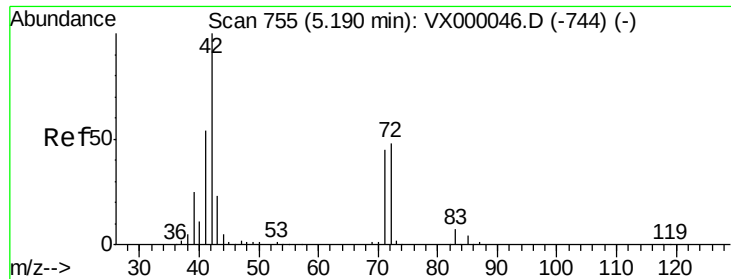


#28

Bromochloromethane
Concen: 0.42 ug/l
RT: 5.02 min Scan# 727
Delta R.T. -0.01 min
Lab File: VX000064.D
Acq: 12 Feb 2018 14:25

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	5.0
130	167.0	75.6	113.4#





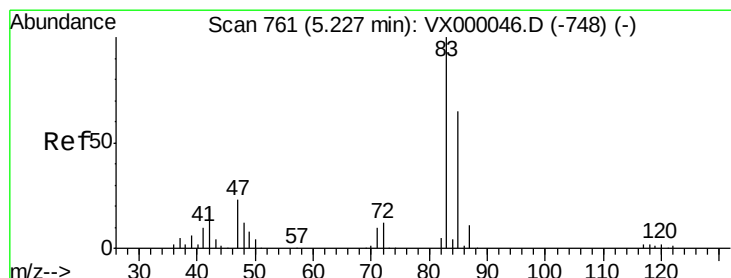
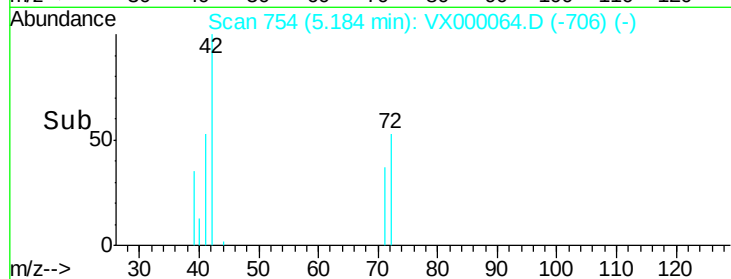
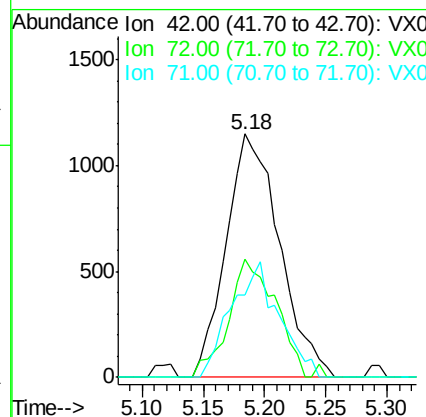
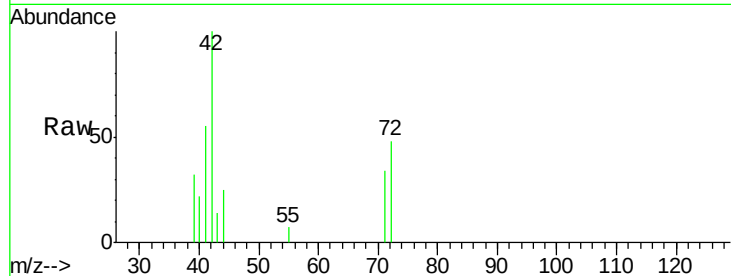
#29
Tetrahydrofuran
Concen: 4.65 ug/l
RT: 5.18 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX000064.D
Acq: 12 Feb 2018 14:25

Instrument :
Client Sampled :
MDL 02

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.5	39.0	58.6
71	42.5	36.7	55.1

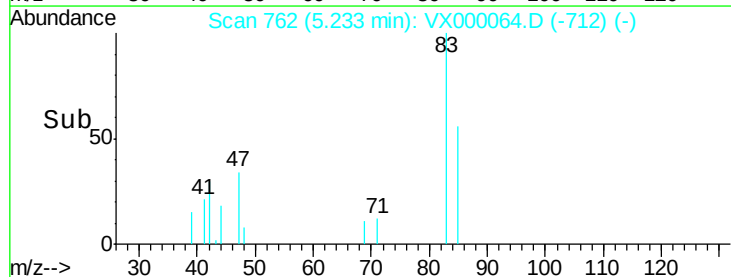
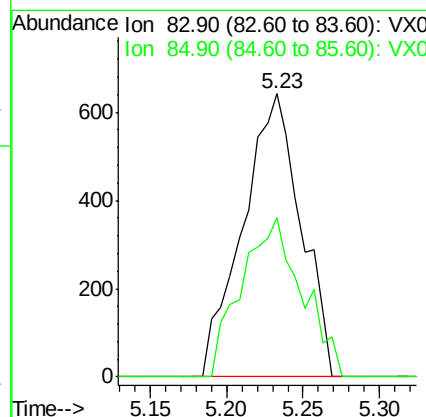
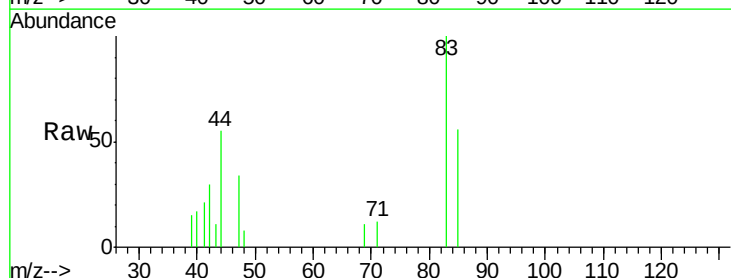
Manual Integrations
APPROVED

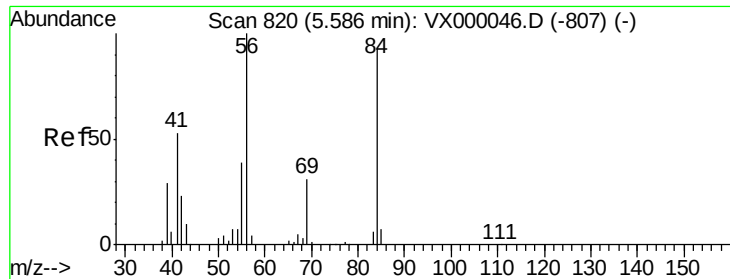
MMDadoda
2/16/2018 11:44:50 AM



#30
Chloroform
Concen: 0.83 ug/l
RT: 5.23 min Scan# 762
Delta R.T. 0.01 min
Lab File: VX000064.D
Acq: 12 Feb 2018 14:25

Tgt Ion	Ratio	Lower	Upper
83	100		
85	56.4	51.9	77.9





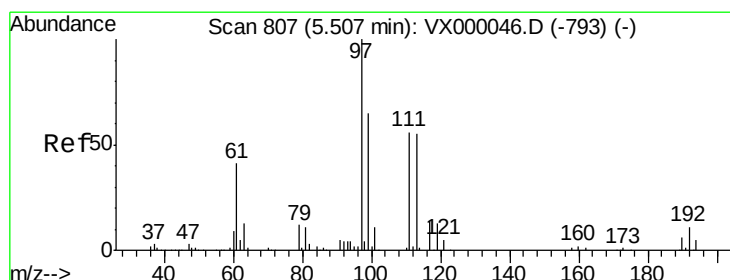
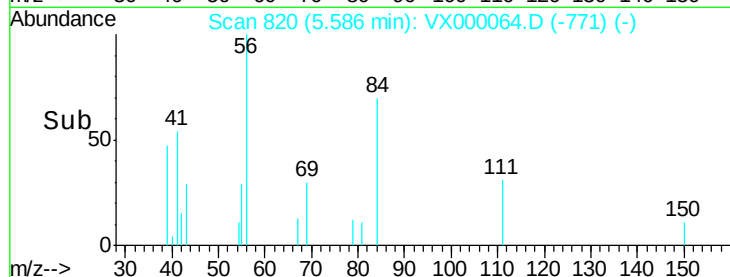
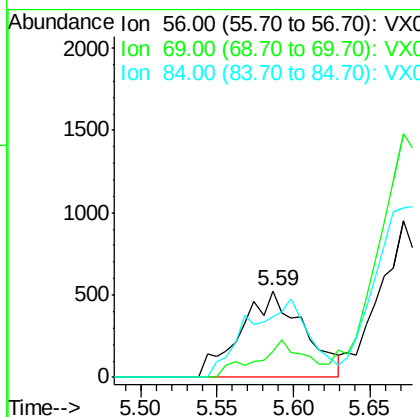
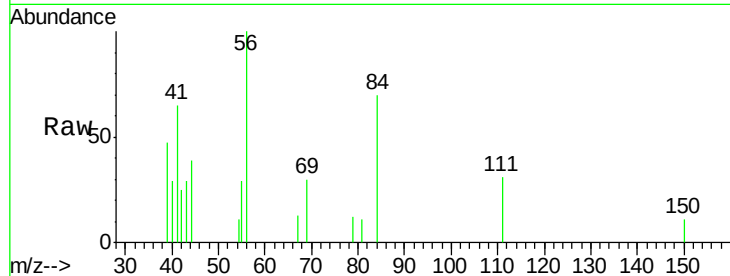
#31
Cyclohexane
Concen: 0.90 ug/l
RT: 5.59 min Scan# 820
Delta R.T. -0.00 min
Lab File: VX000064.D
Acq: 12 Feb 2018 14:25

Instrument :
ClientSampled :
MDL 02

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.0	24.5	36.7
84	69.6	74.8	112.2#

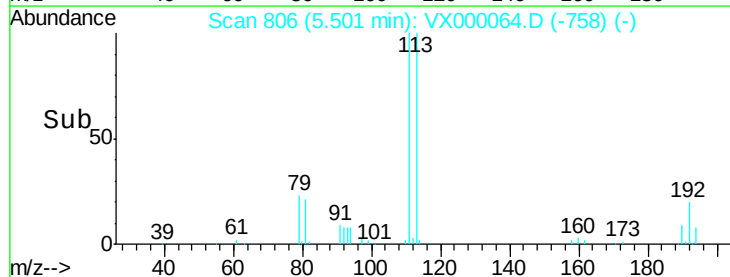
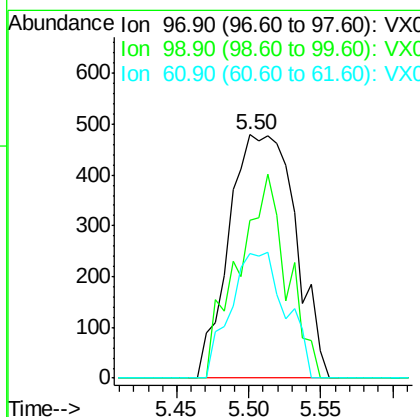
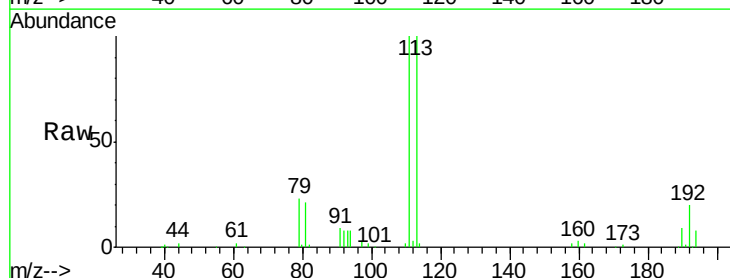
Manual Integrations
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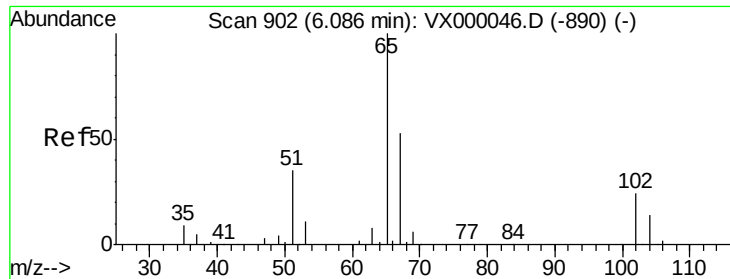
MMDadoda
2/16/2018 11:44:50 AM



#32
1,1,1-Trichloroethane
Concen: 0.79 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.01 min
Lab File: VX000064.D
Acq: 12 Feb 2018 14:25

Tgt Ion	Ratio	Lower	Upper
97	100		
99	0.0	50.8	76.2#
61	42.9	32.1	48.1





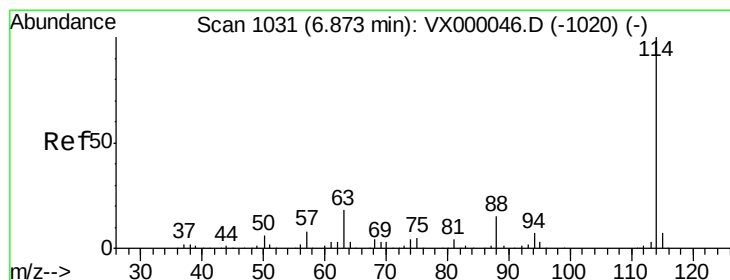
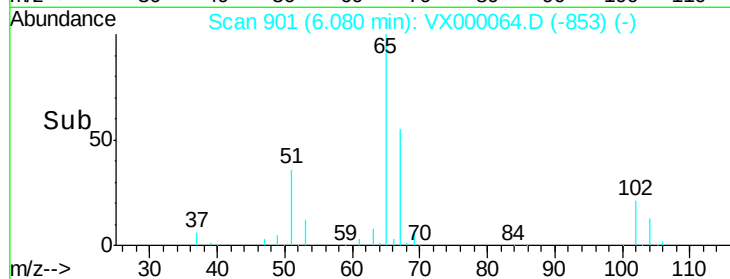
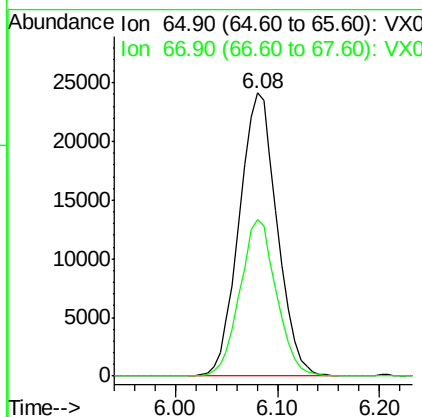
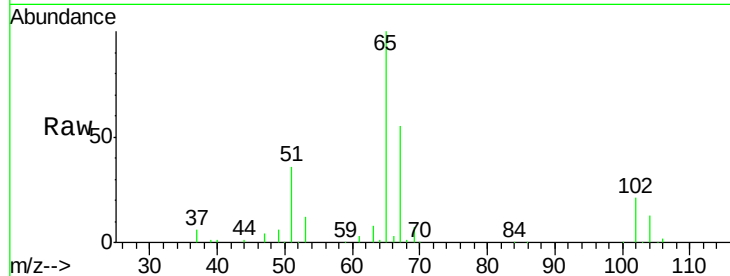
#33
 1,2-Dichloroethane-d4
 Concen: 50.81 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. -0.01 min
 Lab File: VX000064.D
 Acq: 12 Feb 2018 14:25

Instrument :
 ClientSampled :
 MDL 02

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	106.0

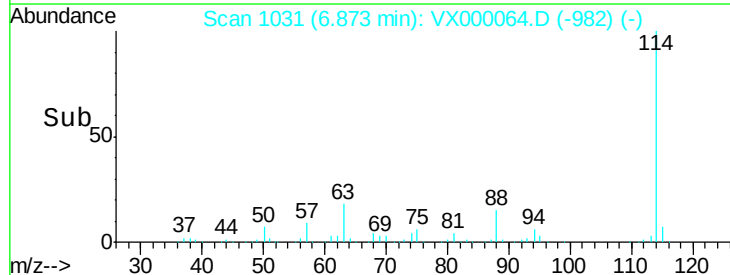
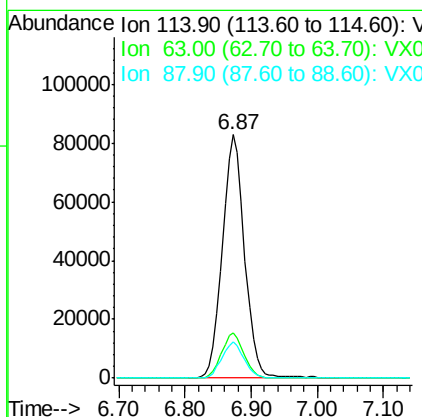
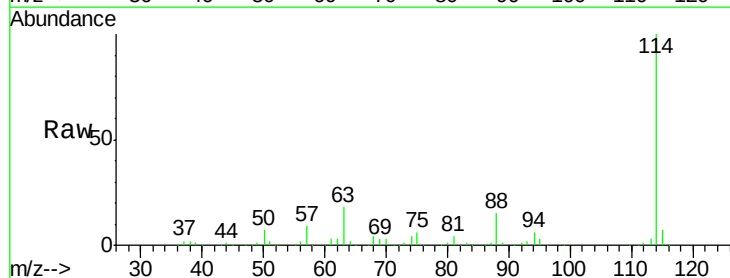
Manual Integrations
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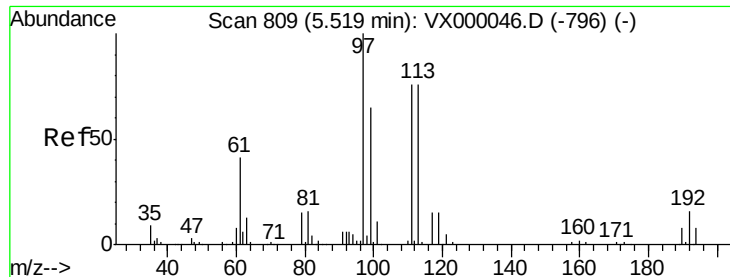
MMDadoda
 2/16/2018 11:44:50 AM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000064.D
 Acq: 12 Feb 2018 14:25

Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	36.0
88	15.1	0.0	30.4





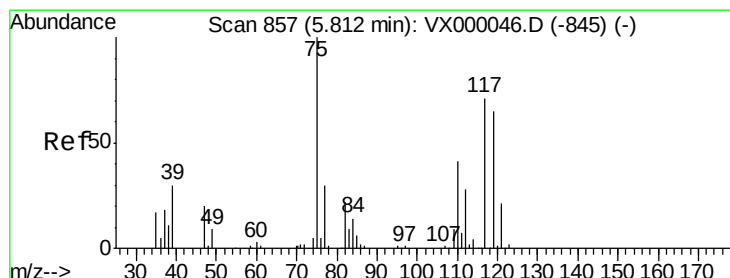
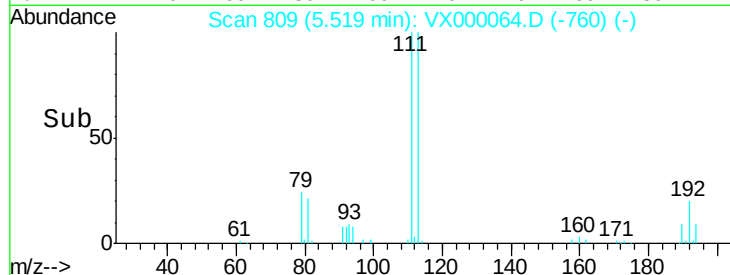
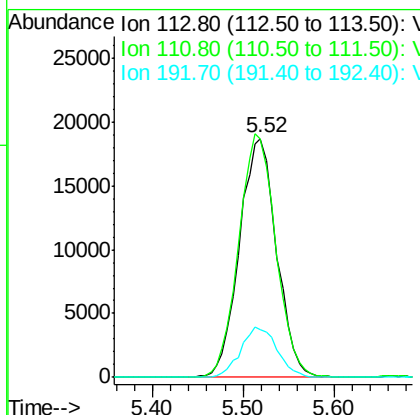
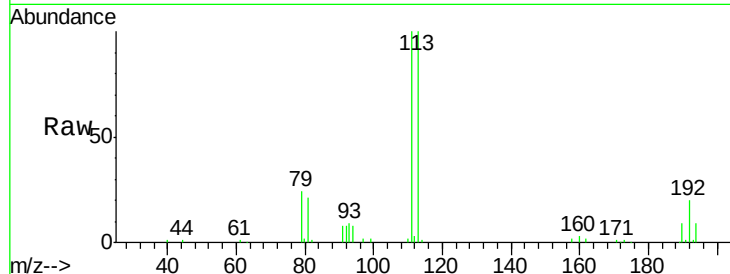
#35
 Dibromofluoromethane
 Concen: 47.13 ug/l
 RT: 5.52 min Scan# 809
 Delta R.T. -0.00 min
 Lab File: VX000064.D
 Acq: 12 Feb 2018 14:25

Instrument :
 ClientSampled :
 MDL 02

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.0	80.5	120.7
192	20.6	16.9	25.3

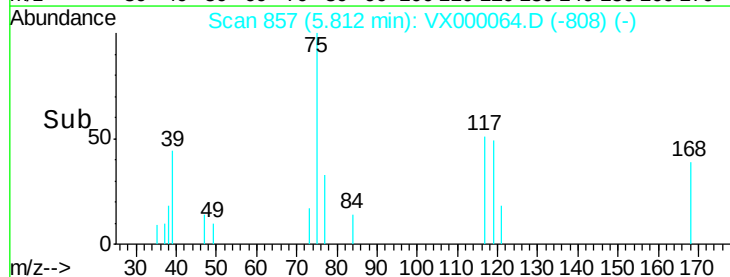
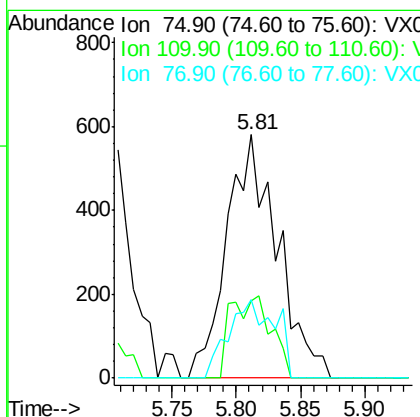
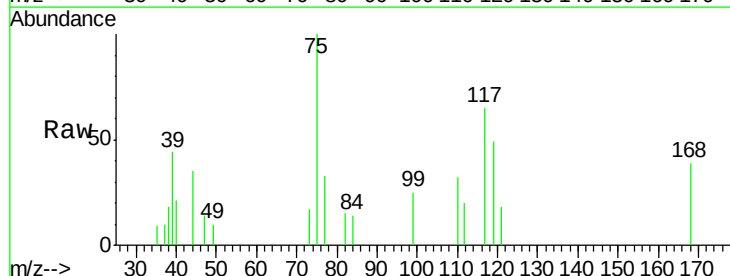
Manual Integrations
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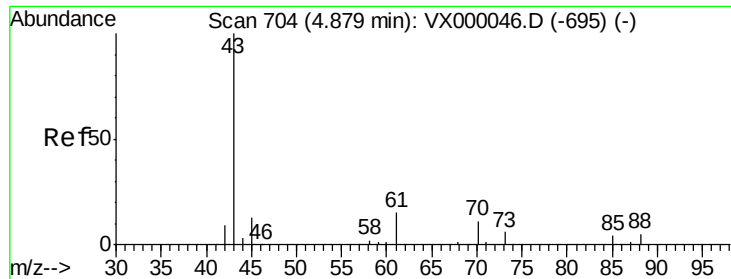
MMDadoda
 2/16/2018 11:44:50 AM



#36
 1,1-Dichloropropene
 Concen: 0.94 ug/l
 RT: 5.81 min Scan# 857
 Delta R.T. -0.00 min
 Lab File: VX000064.D
 Acq: 12 Feb 2018 14:25

Tgt Ion	Ratio	Lower	Upper
75	100		
110	11.6	19.4	58.4#
77	29.9	24.2	36.4





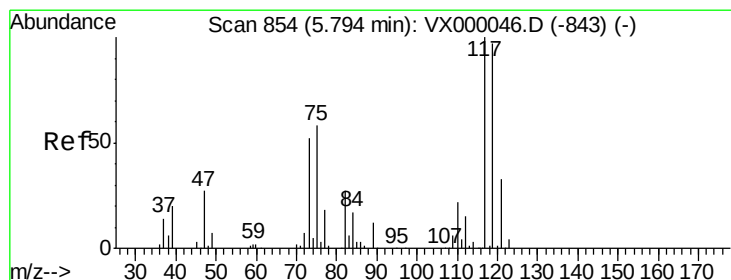
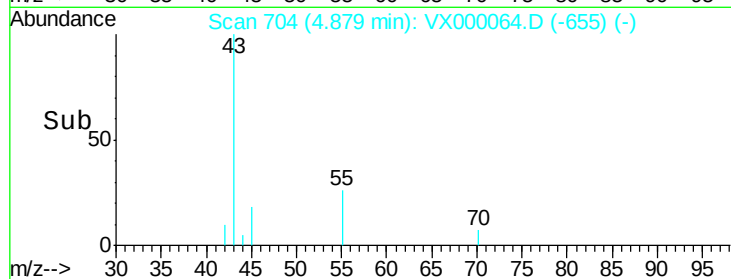
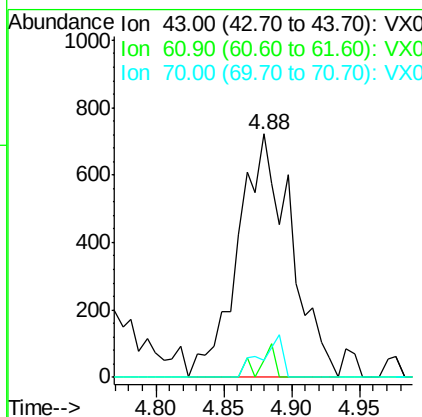
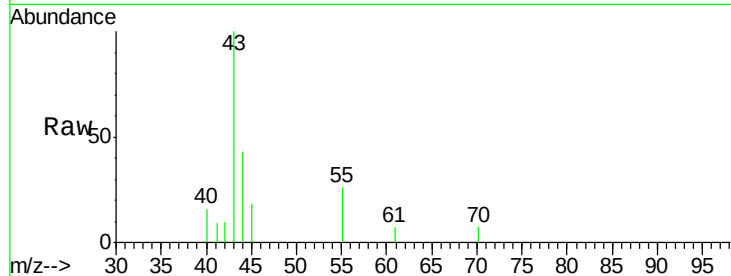
#37
Ethyl Acetate
Concen: 0.91 ug/l
RT: 4.88 min Scan# 704
Delta R.T. -0.00 min
Lab File: VX000064.D
Acq: 12 Feb 2018 14:25

Instrument :
Client Sampled :
MDL 02

Tot Ion	Ratio	Lower	Upper
43	100		
61	3.9	11.4	17.2#
70	7.2	9.0	13.6#

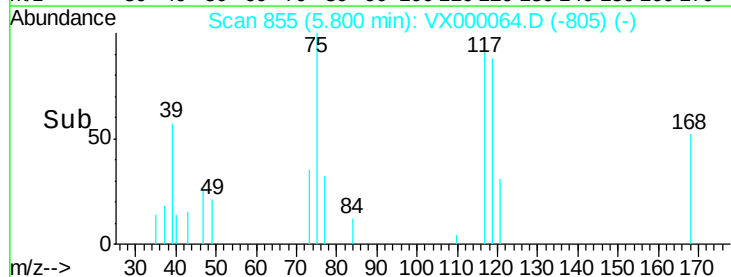
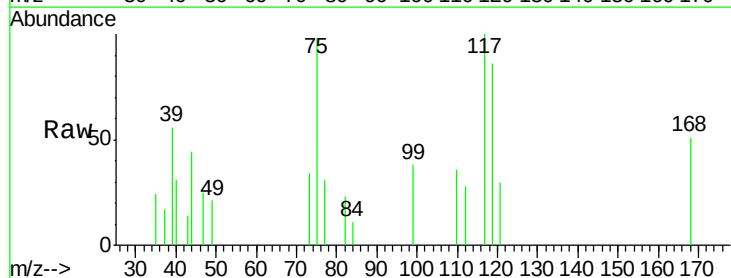
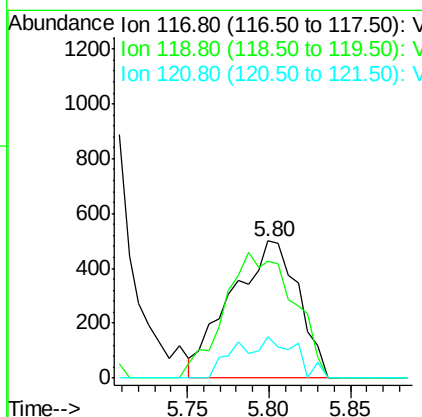
Manual Integrations
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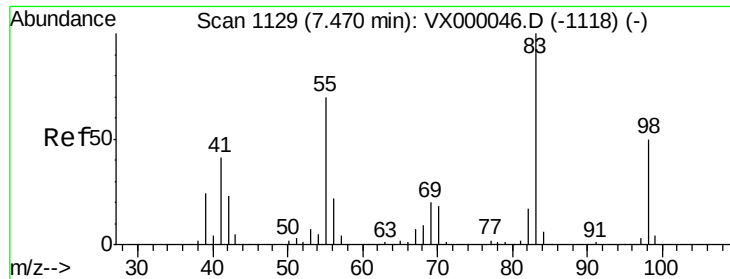
MMDadoda
2/16/2018 11:44:50 AM



#38
Carbon Tetrachloride
Concen: 0.76 ug/l
RT: 5.80 min Scan# 855
Delta R.T. 0.01 min
Lab File: VX000064.D
Acq: 12 Feb 2018 14:25

Tgt Ion	Ratio	Lower	Upper
117	100		
119	85.6	76.9	115.3
121	30.2	25.8	38.8





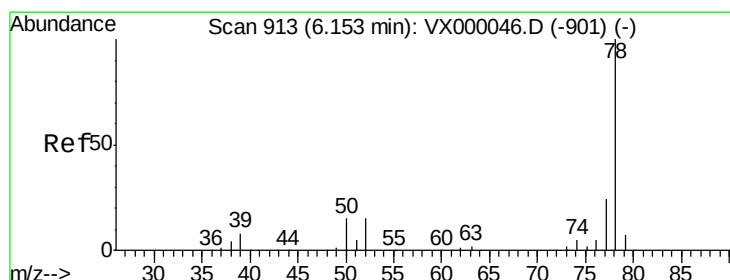
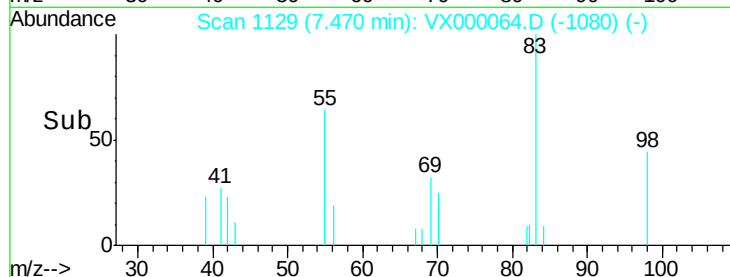
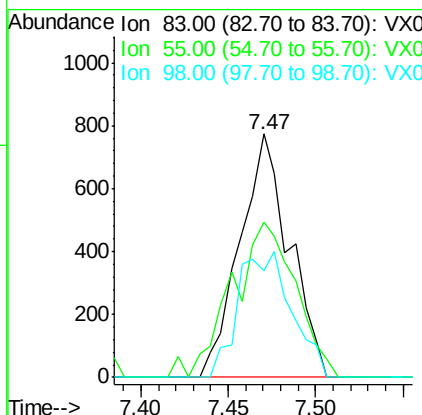
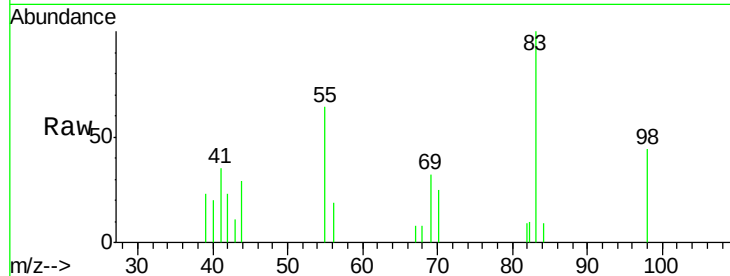
#39
Methylvlcyclohexane
Concen: 0.75 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000064.D
Acq: 12 Feb 2018 14:25

Instrument :
ClientSampled :
MDL 02

Tot Ion	Ratio	Lower	Upper
83	100		
55	64.0	55.7	83.5
98	44.1	39.7	59.5

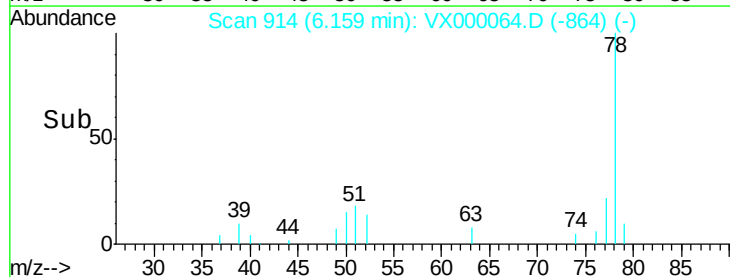
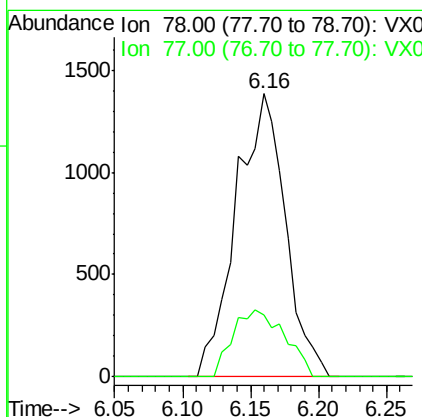
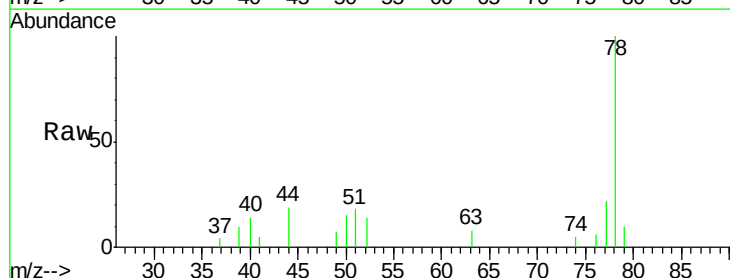
Manual Integrations
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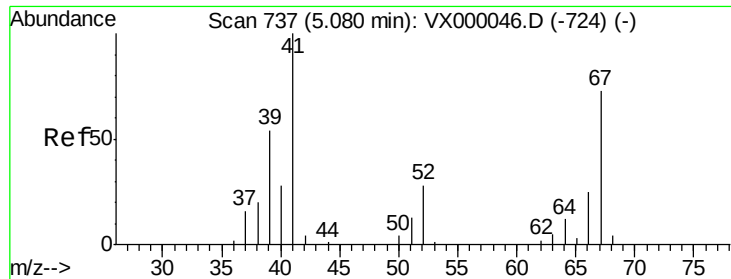
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#40
Benzene
Concen: 0.74 ug/l
RT: 6.16 min Scan# 914
Delta R.T. 0.01 min
Lab File: VX000064.D
Acq: 12 Feb 2018 14:25

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.0	19.4	29.2





#41

Methacrylonitrile

Concen: 1.11 ug/l

RT: 5.08 min Scan# 737

Delta R.T. -0.00 min

Lab File: VX000064.D

Acq: 12 Feb 2018 14:25

Instrument :

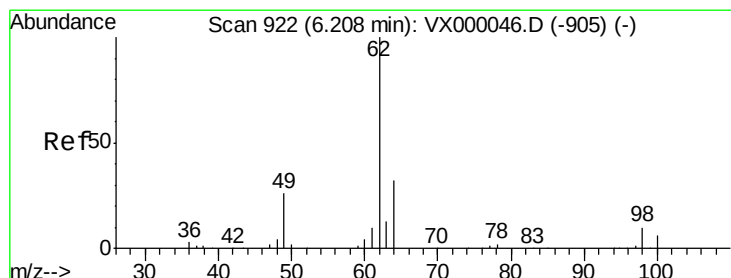
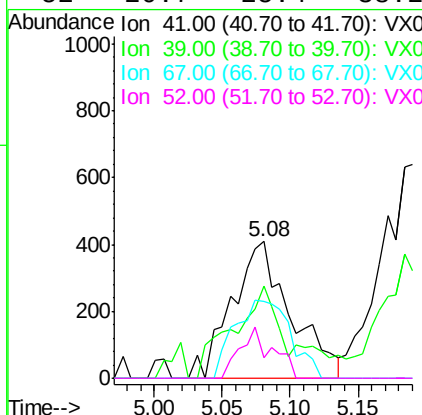
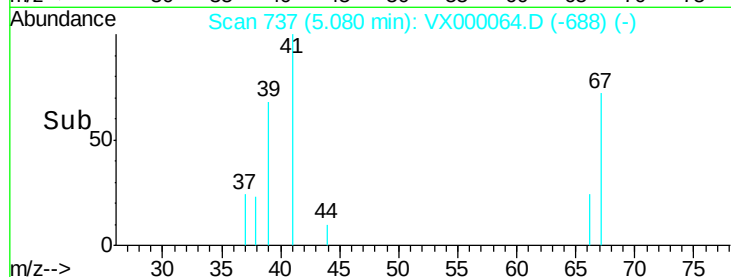
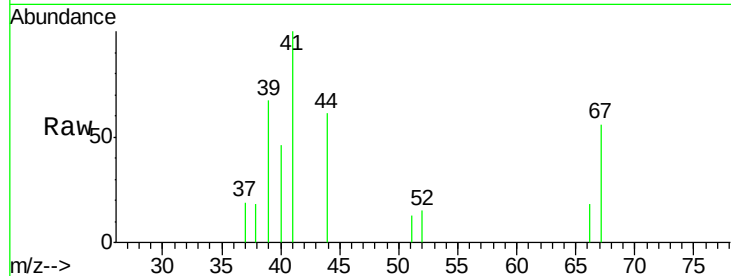
ClientSampled :

MDL 02

Tot Ion	Ratio	Lower	Upper
41	100		
39	56.9	45.8	68.8
67	54.2	60.6	91.0#
52	20.7	25.4	38.2#

Manual Integrations
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2/16/2018 11:44:50 AM



#42

1,2-Dichloroethane

Concen: 0.80 ug/l

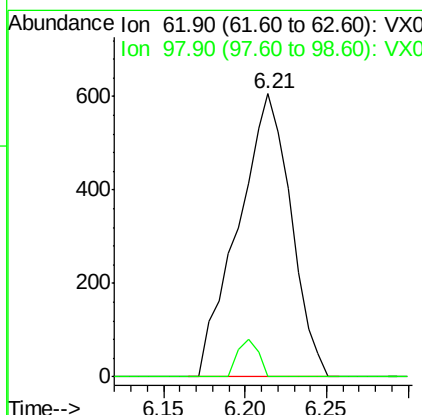
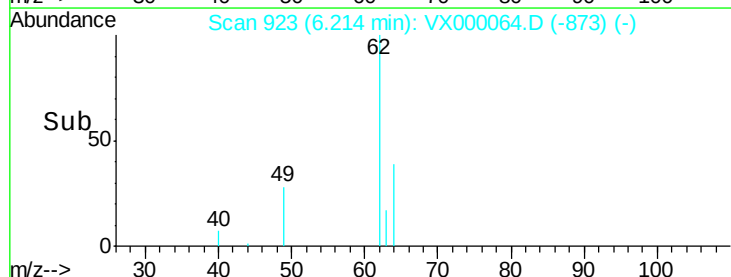
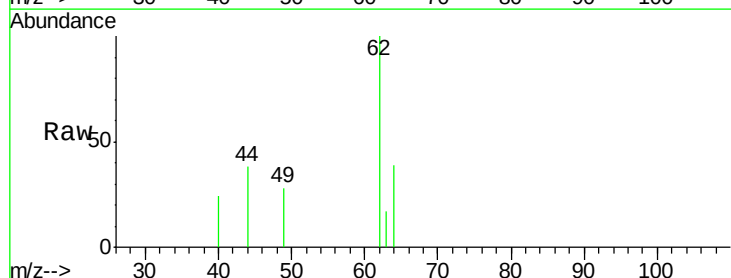
RT: 6.21 min Scan# 923

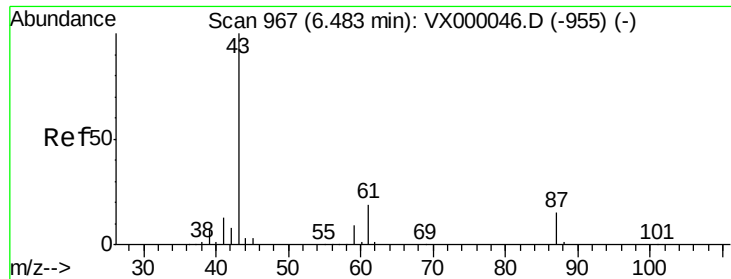
Delta R.T. 0.01 min

Lab File: VX000064.D

Acq: 12 Feb 2018 14:25

Tgt Ion	Ratio	Lower	Upper
62	100		
98	5.2	0.0	18.6





#43

Isopropyl Acetate

Concen: 0.78 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.01 min

Lab File: VX000064.D

Acq: 12 Feb 2018 14:25

Instrument :

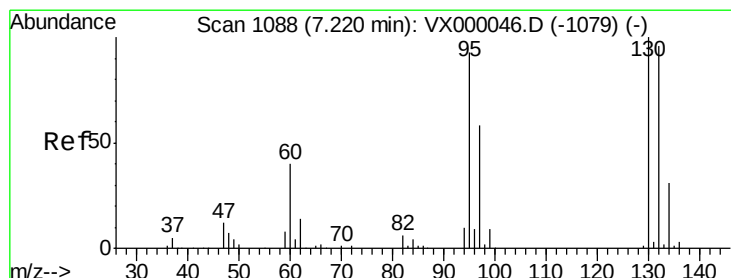
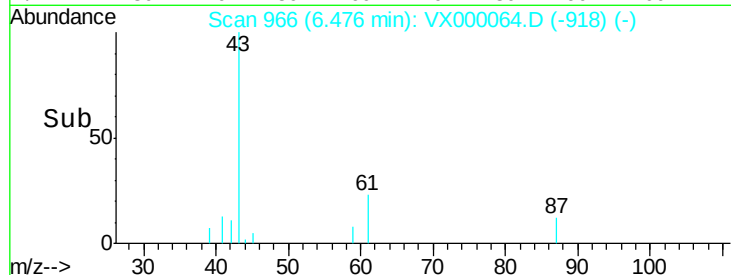
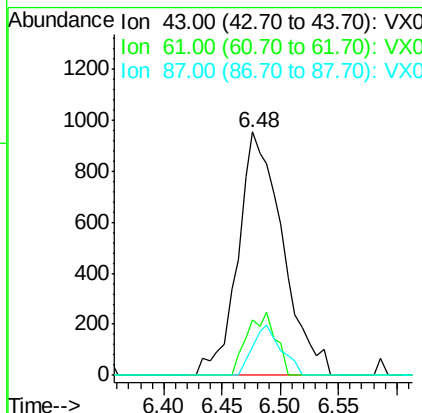
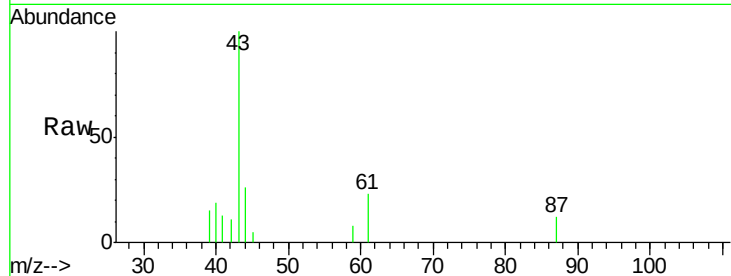
ClientSampled :

MDL 02

Tot Ion:	43	Resp:	2550
Ion	Ratio	Lower	Upper
43	100		
61	16.6	15.9	23.9
87	13.1	11.8	17.6

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2/16/2018 11:44:50 AM



#44

Trichloroethene

Concen: 0.72 ug/l

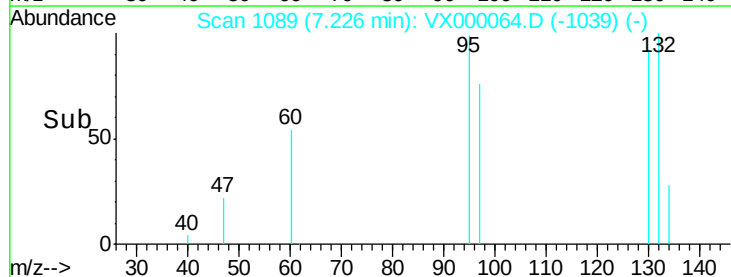
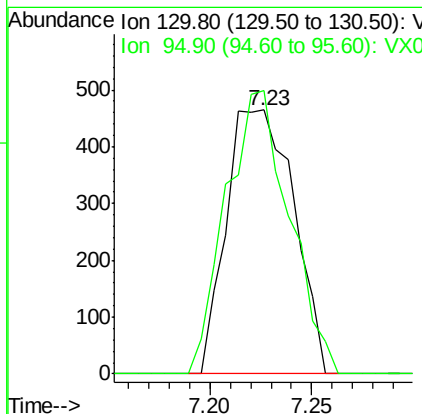
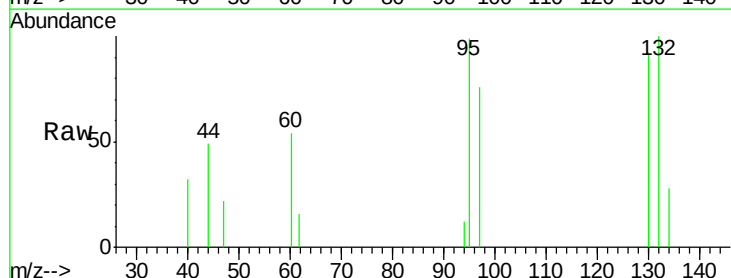
RT: 7.23 min Scan# 1089

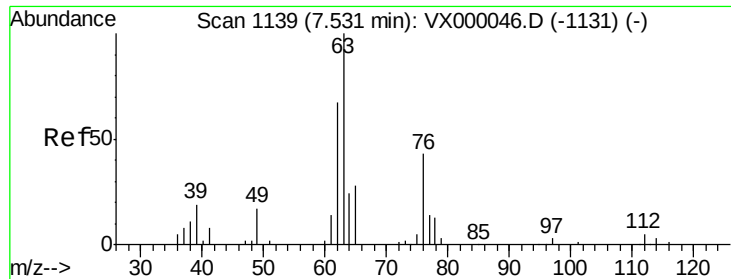
Delta R.T. 0.01 min

Lab File: VX000064.D

Acq: 12 Feb 2018 14:25

Tgt Ion:	130	Resp:	1063
Ion	Ratio	Lower	Upper
130	100		
95	107.3	0.0	185.2





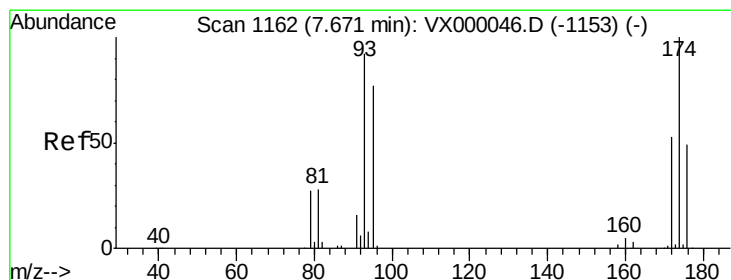
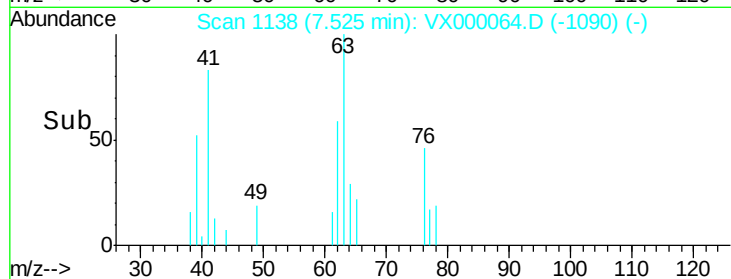
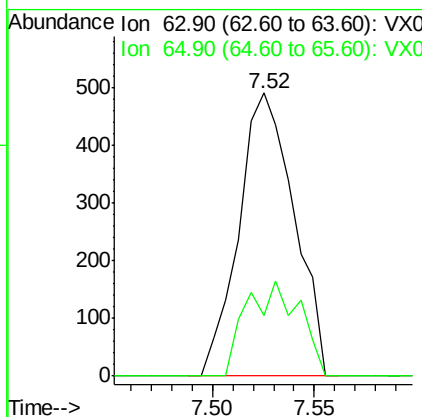
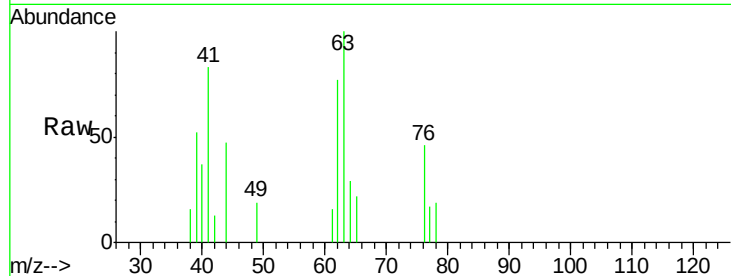
#45
 1,2-Dichloropropane
 Concen: 0.80 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VX000064.D
 Acq: 12 Feb 2018 14:25

Instrument :
 ClientSampled :
 MDL 02

Tot Ion: 63 Resp: 925
 Ion Ratio Lower Upper
 63 100
 65 21.6 23.7 35.5#

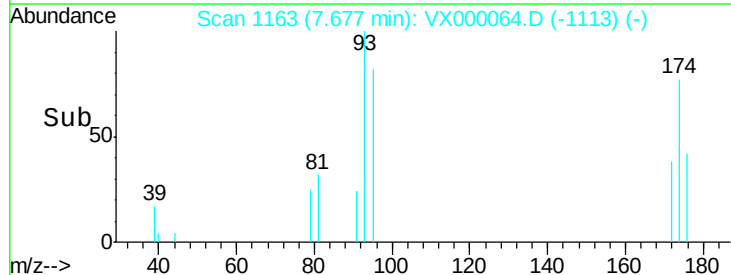
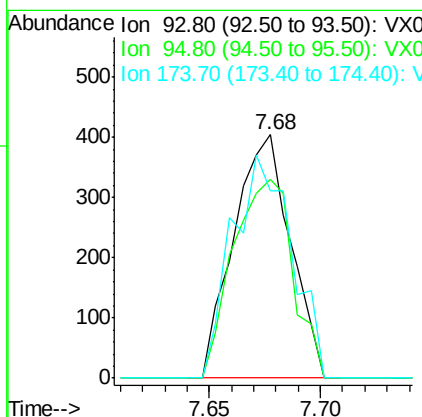
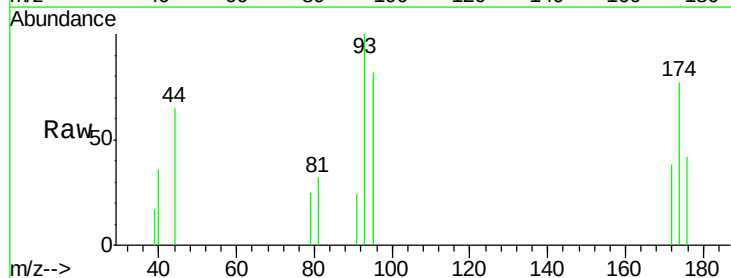
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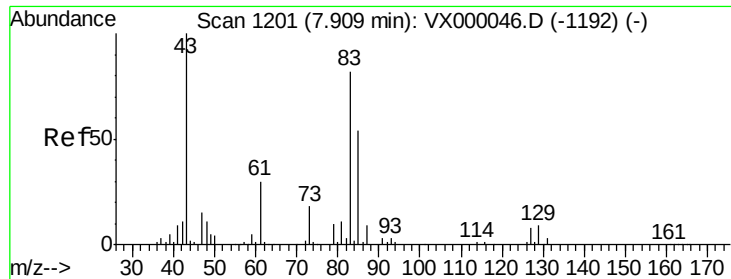
MMDadoda
 2/16/2018 11:44:50 AM



#46
 Dibromomethane
 Concen: 0.80 ug/l
 RT: 7.68 min Scan# 1163
 Delta R.T. 0.01 min
 Lab File: VX000064.D
 Acq: 12 Feb 2018 14:25

Tgt Ion: 93 Resp: 714
 Ion Ratio Lower Upper
 93 100
 95 86.1 66.3 99.5
 174 96.2 90.4 135.6





#47

Bromodichloromethane

Concen: 0.67 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000064.D

Acq: 12 Feb 2018 14:25

Instrument :

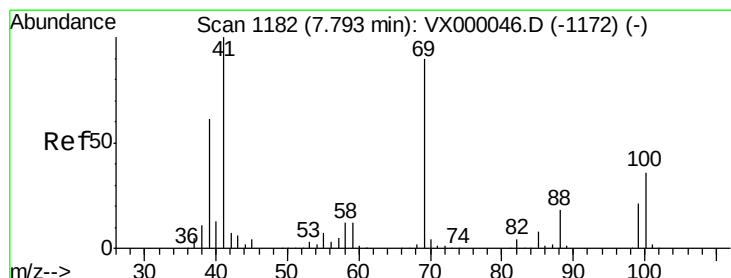
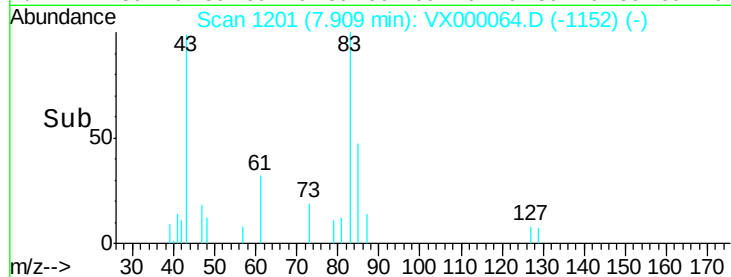
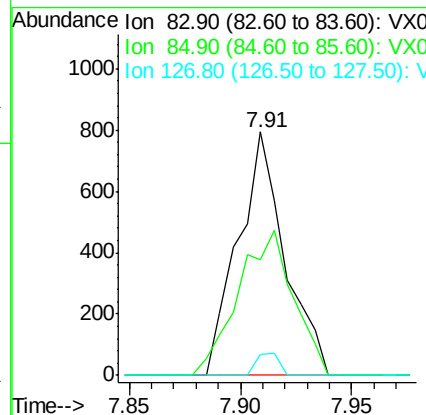
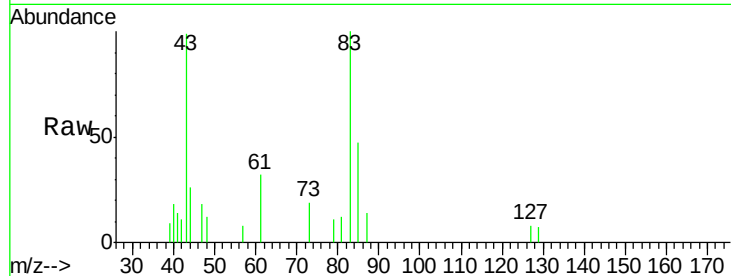
ClientSampled :

MDL 02

Tot Ion	83	Resp	1160
Ion	Ratio	Lower	Upper
83	100		
85	47.4	52.3	78.5#
127	8.4	7.4	11.0

Manual Integrations
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MMDadoda
2/16/2018 11:44:50 AM



#48

Methyl methacrylate

Concen: 0.78 ug/l

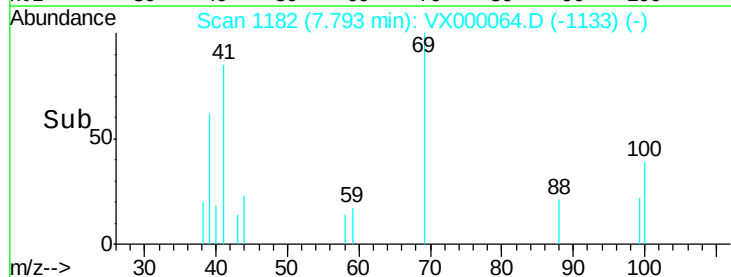
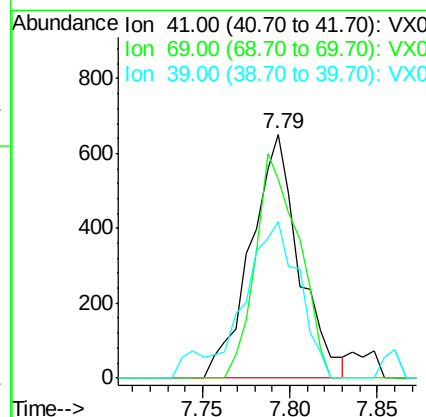
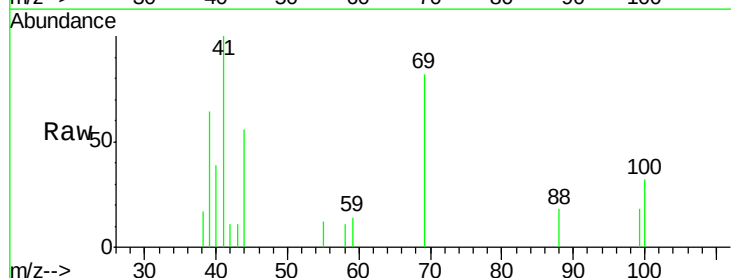
RT: 7.79 min Scan# 1182

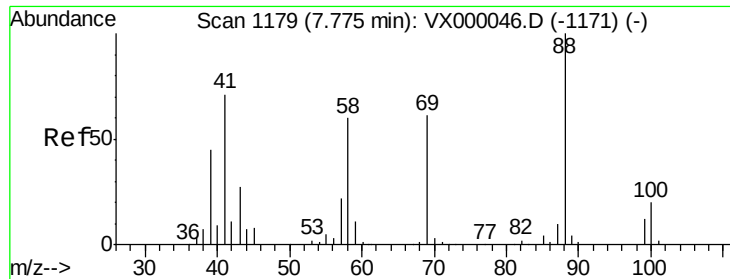
Delta R.T. -0.00 min

Lab File: VX000064.D

Acq: 12 Feb 2018 14:25

Tgt Ion	41	Resp	1258
Ion	Ratio	Lower	Upper
41	100		
69	81.9	72.1	108.1
39	70.4	49.6	74.4





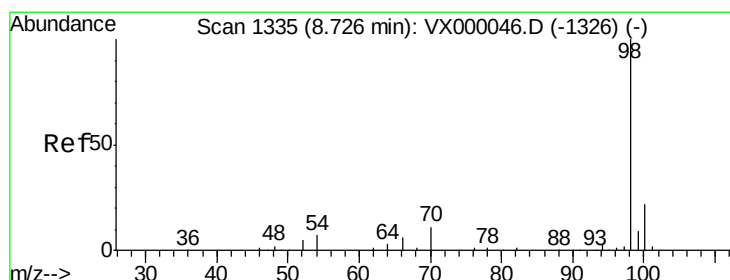
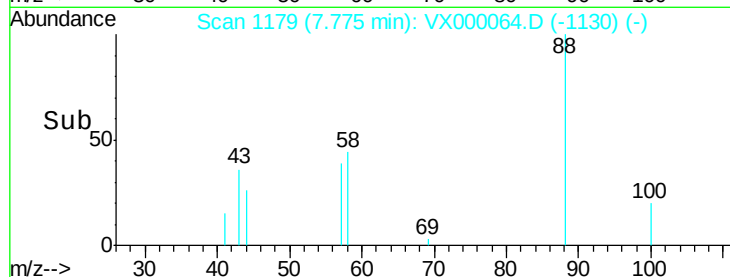
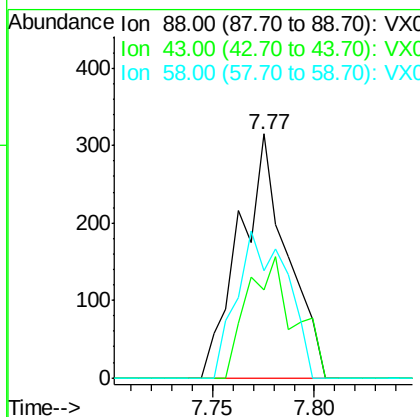
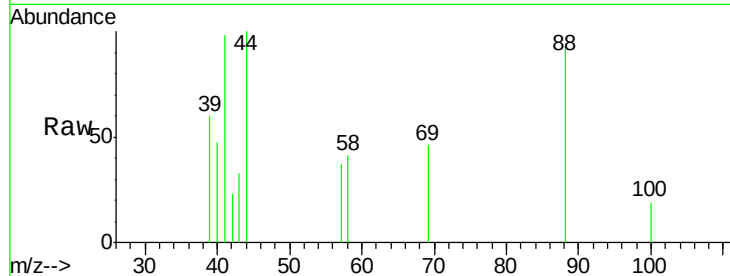
#49
1,4-Dioxane
Concen: 11.94 ug/l
RT: 7.77 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VX000064.D
Acq: 12 Feb 2018 14:25

Instrument :
ClientSampled :
MDL 02

Tot Ion: 88 Resp: 510
Ion Ratio Lower Upper
88 100
43 49.0 22.6 33.8#
58 62.7 49.4 74.2

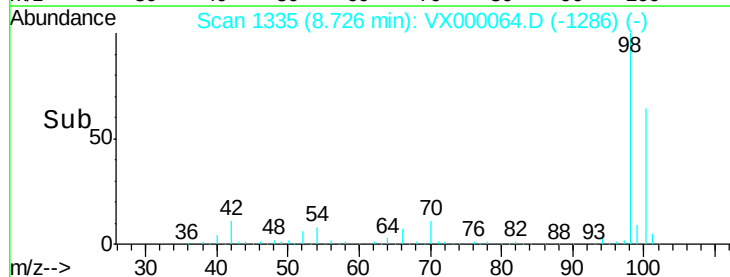
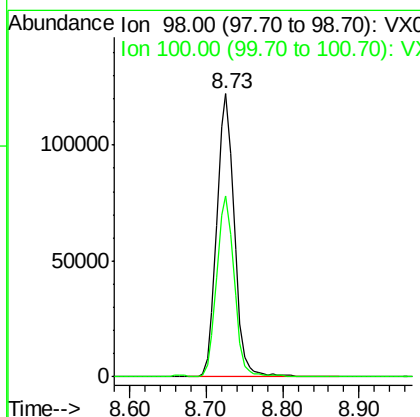
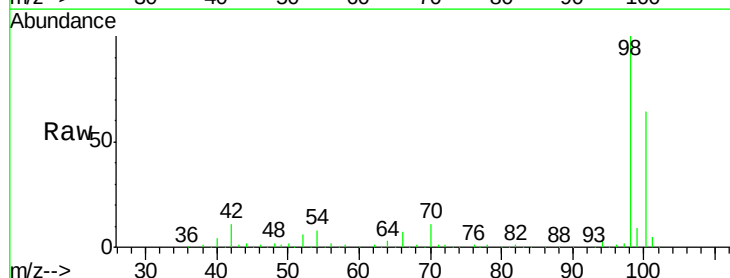
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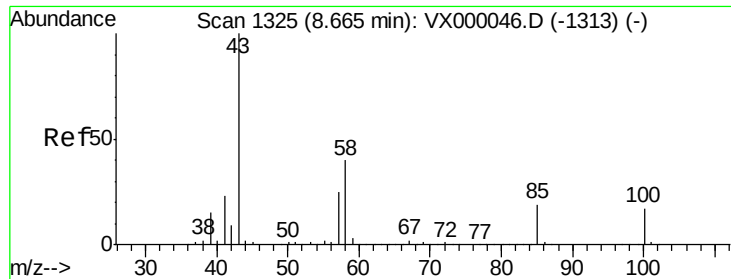
MMDadoda
2/16/2018 11:44:50 AM



#50
Toluene-d8
Concen: 46.44 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000064.D
Acq: 12 Feb 2018 14:25

Tgt Ion: 98 Resp: 194466
Ion Ratio Lower Upper
98 100
100 63.1 51.8 77.6





#51

4-Methyl-2-Pentanone

Concen: 3.69 ug/l

RT: 8.66 min Scan# 1325

Delta R.T. -0.00 min

Lab File: VX000064.D

Acq: 12 Feb 2018 14:25

Instrument :

ClientSampled :

MDL 02

Tot Ion: 43 Resp: 8394

Ion Ratio Lower Upper

43 100

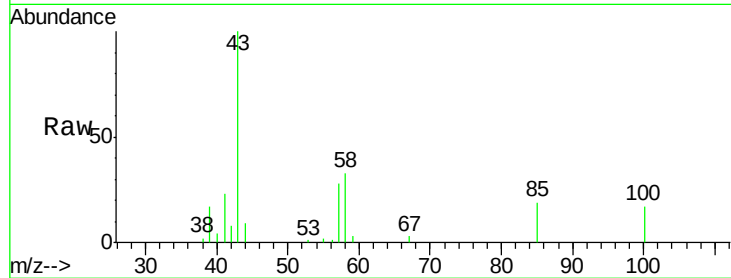
58 37.5 32.1 48.1

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MMDadoda

2/16/2018 11:44:50 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

6000

5000

4000

3000

2000

1000

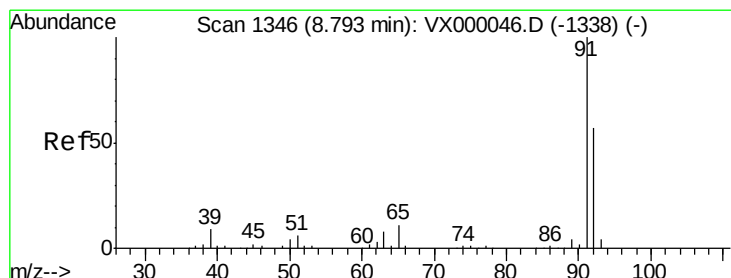
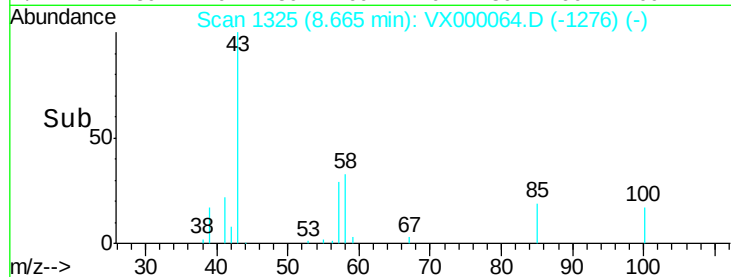
0

8.60

8.65

8.70

Time-->



#52

Toluene

Concen: 0.75 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000064.D

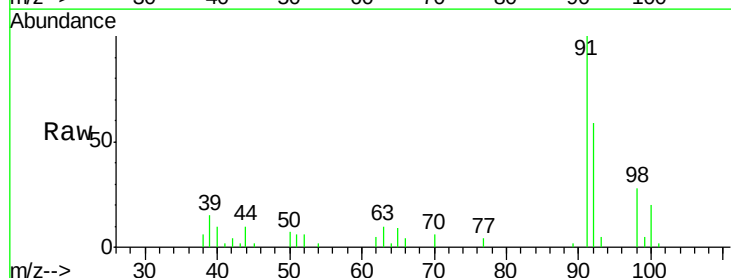
Acq: 12 Feb 2018 14:25

Tgt Ion: 92 Resp: 2383

Ion Ratio Lower Upper

92 100

91 177.6 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

3000

2500

2000

1500

1000

500

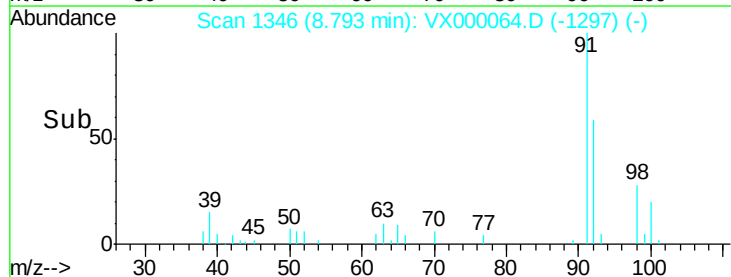
0

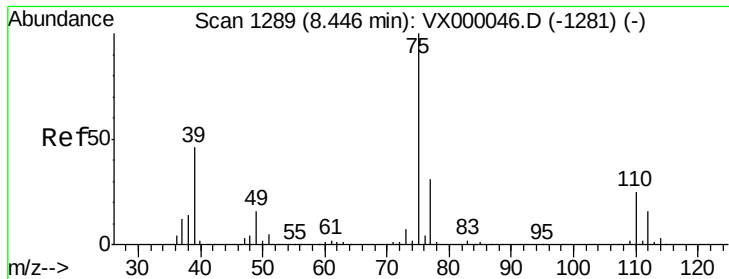
8.75

8.80

8.85

Time-->





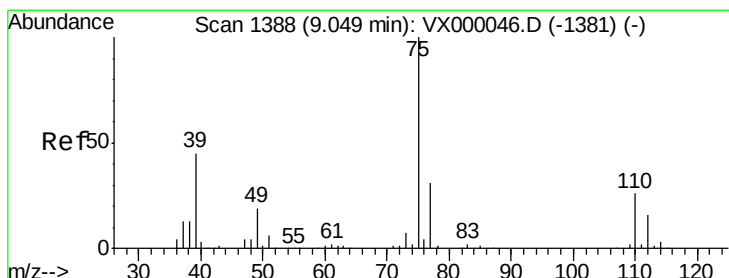
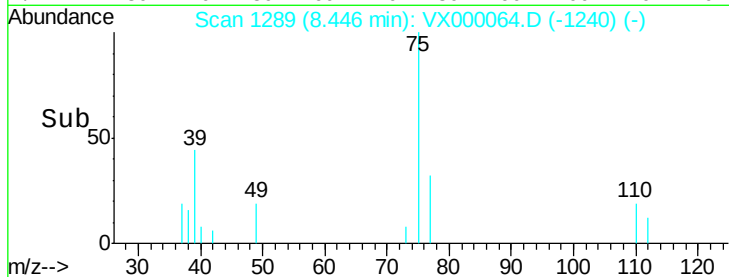
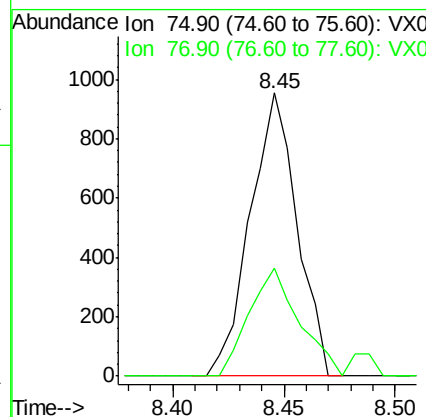
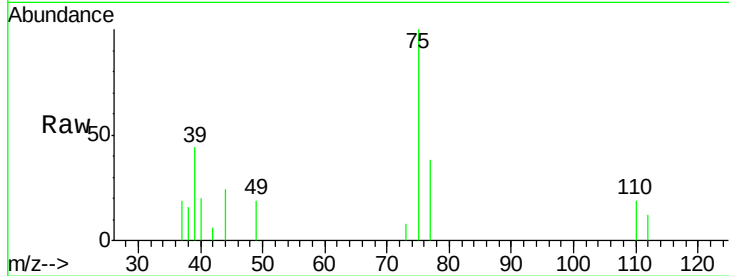
#53
 t-1,3-Dichloropropene
 Concen: 0.69 ug/l
 RT: 8.45 min Scan# 1289
 Delta R.T. -0.00 min
 Lab File: VX000064.D
 Acq: 12 Feb 2018 14:25

Instrument :
 ClientSampled :
 MDL 02

Tot Ion: 75 Resp: 1401
 Ion Ratio Lower Upper
 75 100
 77 38.2 25.0 37.4#

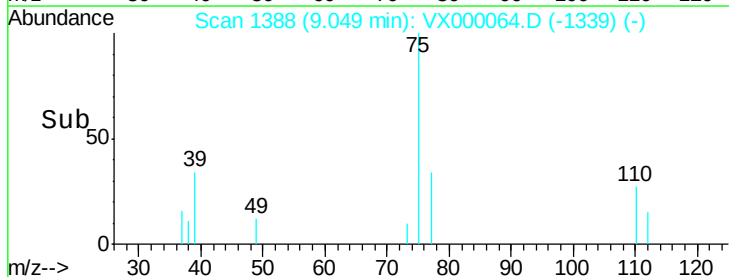
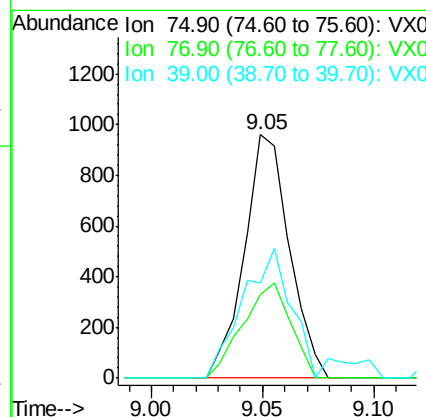
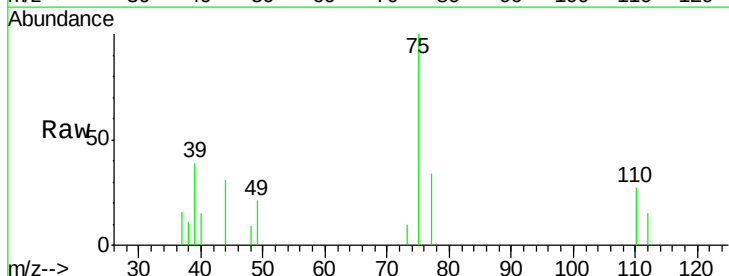
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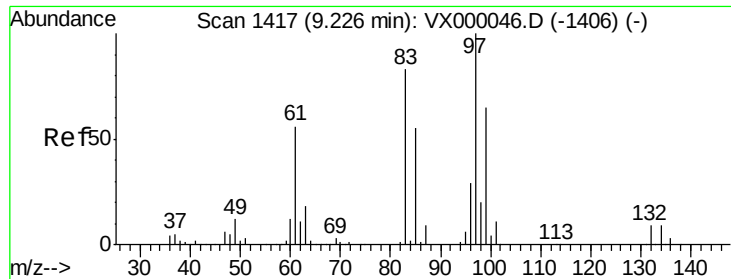
MMDadoda
 2/16/2018 11:44:50 AM



#54
 cis-1,3-Dichloropropene
 Concen: 0.69 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VX000064.D
 Acq: 12 Feb 2018 14:25

Tgt Ion: 75 Resp: 1358
 Ion Ratio Lower Upper
 75 100
 77 34.4 25.1 37.7
 39 39.2 36.1 54.1





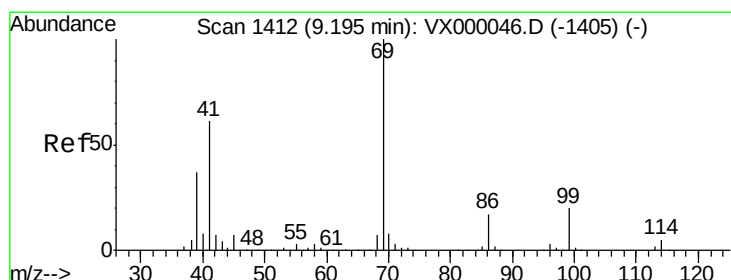
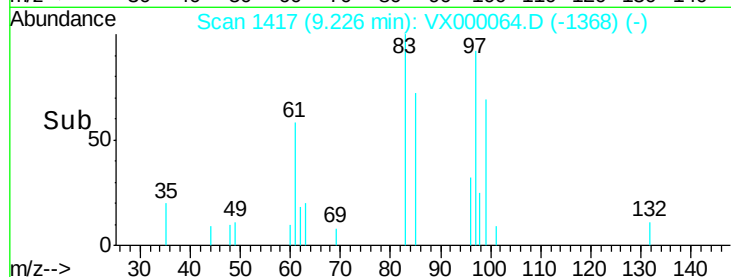
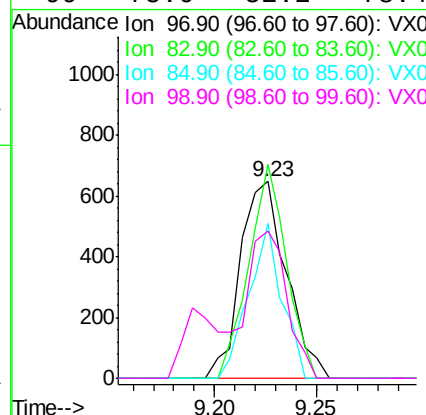
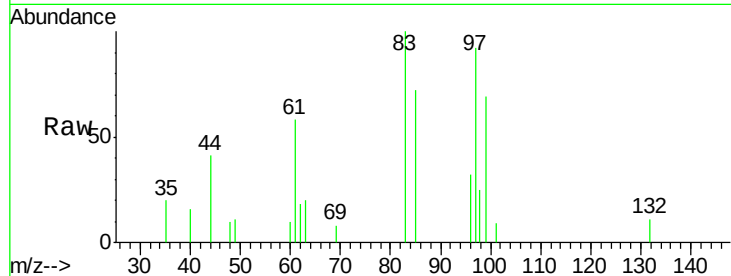
#55
 1,1,2-Trichloroethane
 Concen: 0.76 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. -0.00 min
 Lab File: VX000064.D
 Acq: 12 Feb 2018 14:25

Instrument :
 ClientSampled :
 MDL 02

Tot Ion	Ratio	Lower	Upper
97	100		
83	108.5	66.5	99.7#
85	78.4	43.8	65.6#
99	75.0	52.2	78.4

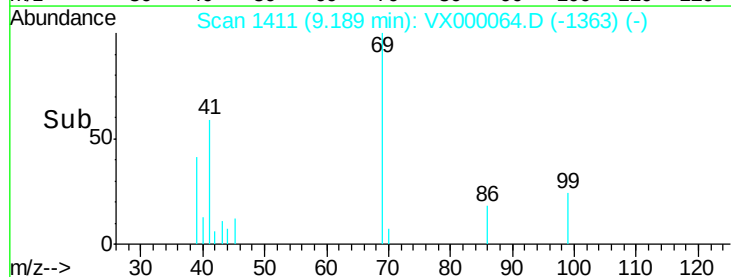
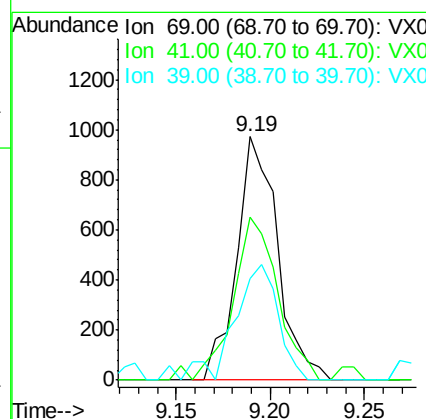
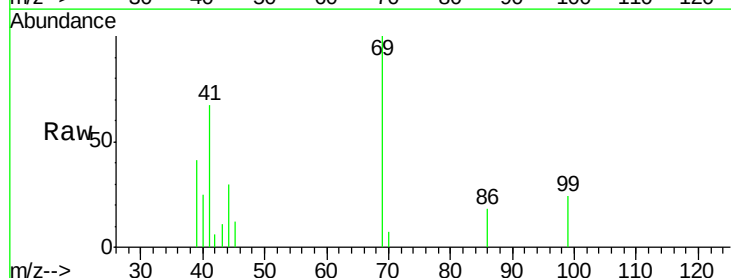
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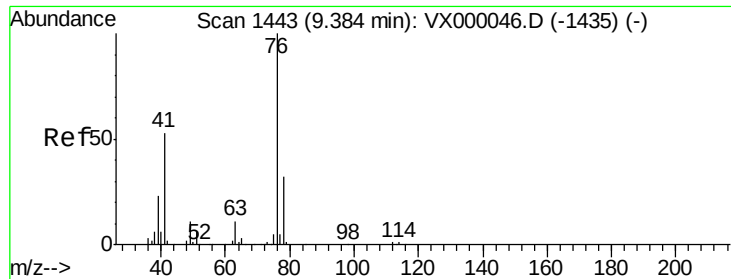
MMDadoda
 2/16/2018 11:44:50 AM



#56
 Ethyl methacrylate
 Concen: 0.71 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.01 min
 Lab File: VX000064.D
 Acq: 12 Feb 2018 14:25

Tgt Ion	Ratio	Lower	Upper
69	100		
41	73.9	49.5	74.3
39	52.3	29.9	44.9#





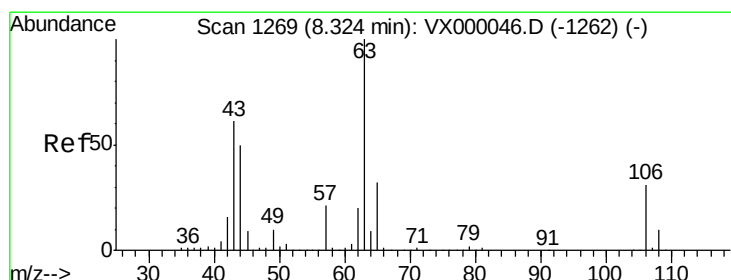
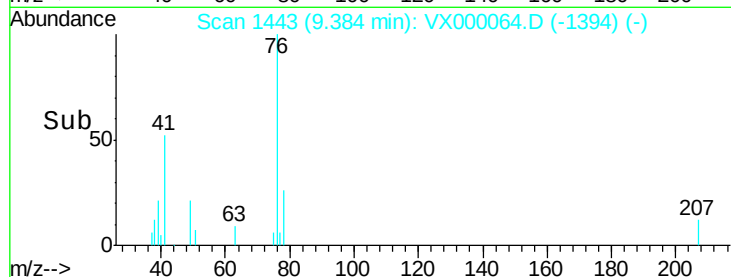
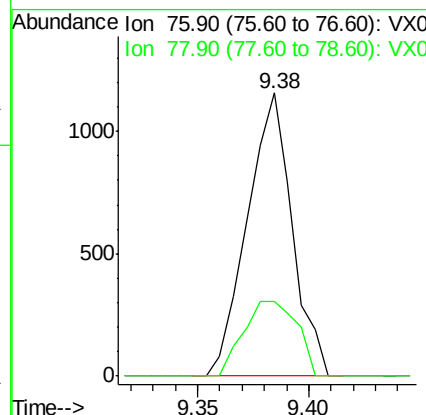
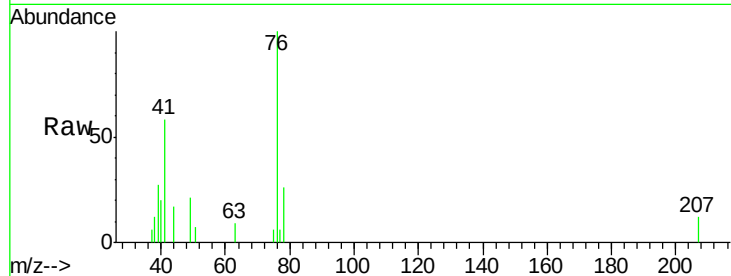
#57
 1,3-Dichloropropane
 Concen: 0.78 ug/l
 RT: 9.38 min Scan# 1443
 Delta R.T. -0.00 min
 Lab File: VX000064.D
 Acq: 12 Feb 2018 14:25

Instrument :
 ClientSampled :
 MDL 02

Tot Ion: 76 Resp: 1622
 Ion Ratio Lower Upper
 76 100
 78 31.3 25.9 38.9

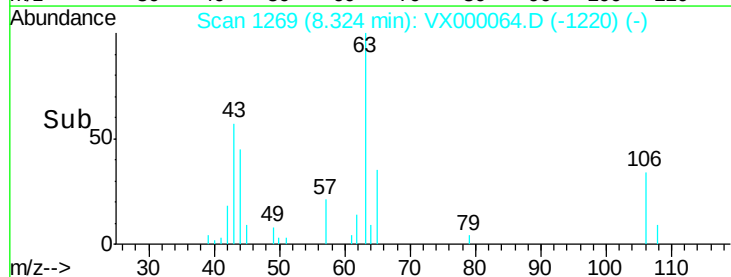
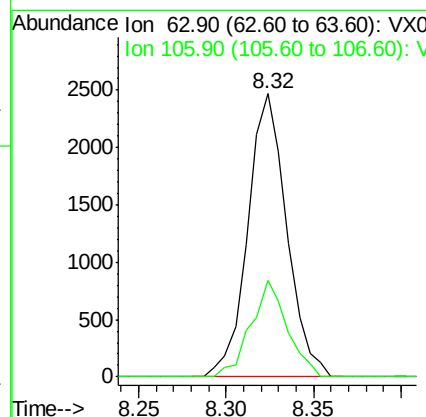
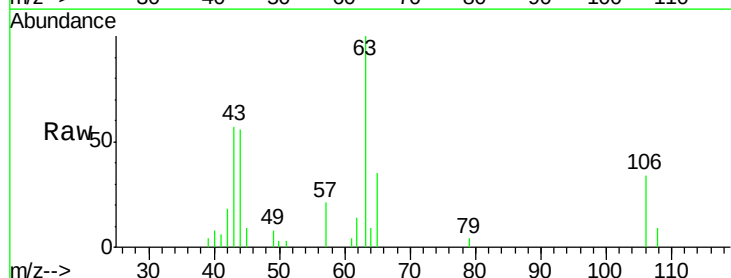
Manual Integrations
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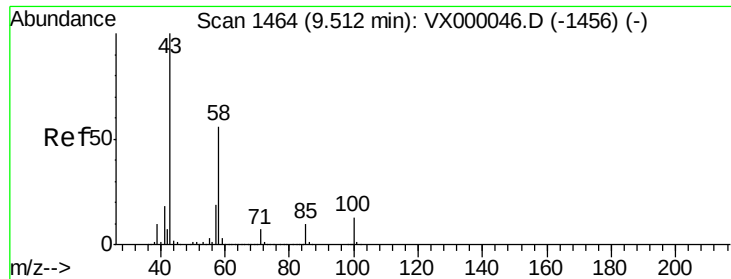
MMDadoda
 2/16/2018 11:44:50 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 3.77 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VX000064.D
 Acq: 12 Feb 2018 14:25

Tgt Ion: 63 Resp: 3816
 Ion Ratio Lower Upper
 63 100
 106 31.7 24.7 37.1





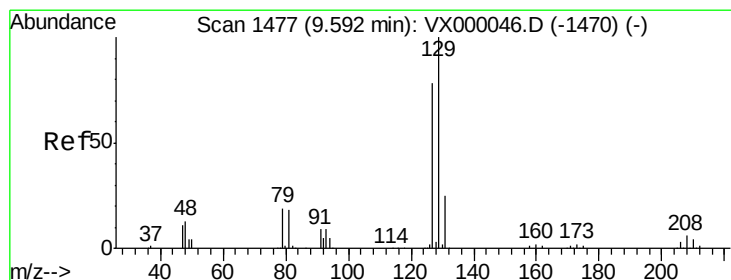
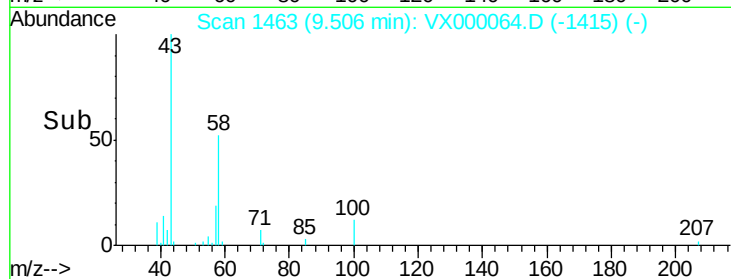
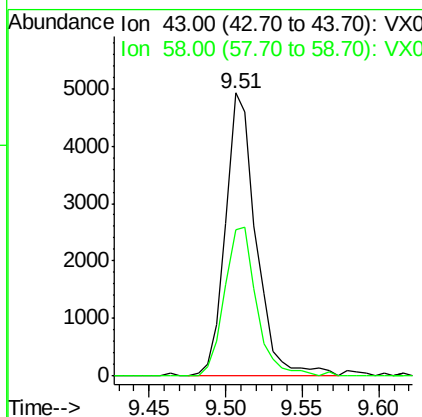
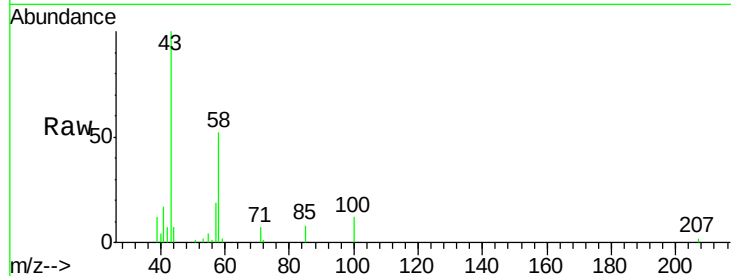
#59
2-Hexanone
Concen: 3.69 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.01 min
Lab File: VX000064.D
Acq: 12 Feb 2018 14:25

Instrument :
ClientSampled :
MDL 02

Tot Ion: 43 Resp: 6830
Ion Ratio Lower Upper
43 100
58 55.1 27.6 82.7

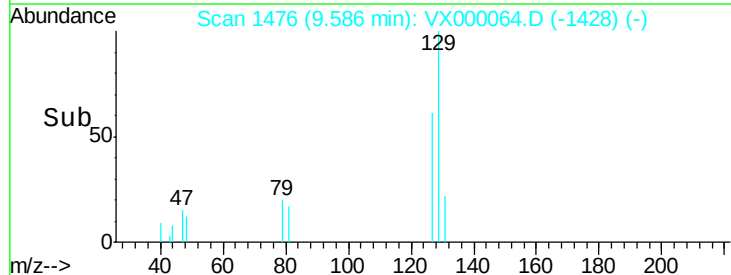
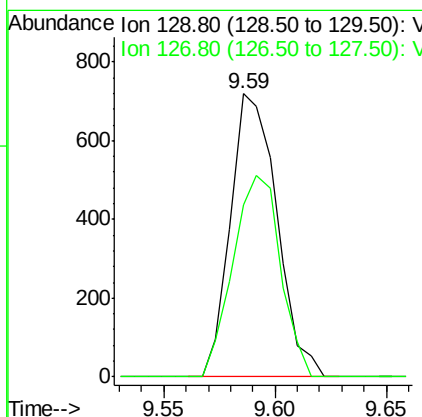
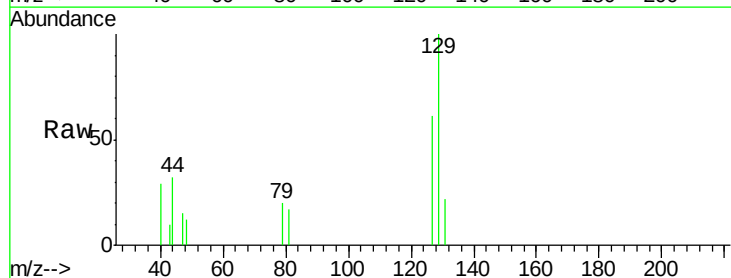
Manual Integrations
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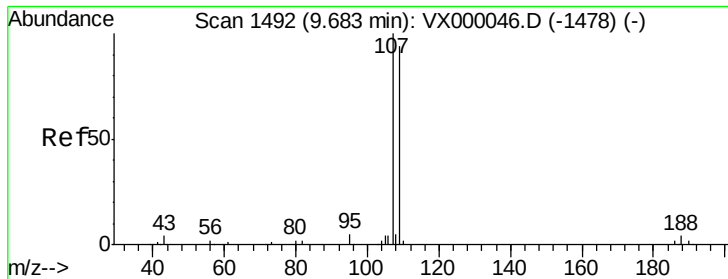
MMDadoda
2/16/2018 11:44:50 AM



#60
Dibromochloromethane
Concen: 0.68 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX000064.D
Acq: 12 Feb 2018 14:25

Tgt Ion: 129 Resp: 1044
Ion Ratio Lower Upper
129 100
127 72.7 38.6 115.8





#61

1,2-Dibromoethane

Concen: 0.74 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX000064.D

Acq: 12 Feb 2018 14:25

Instrument :

ClientSampled :

MDL 02

Tot Ion:107 Resp: 1091

Ion Ratio Lower Upper

107 100

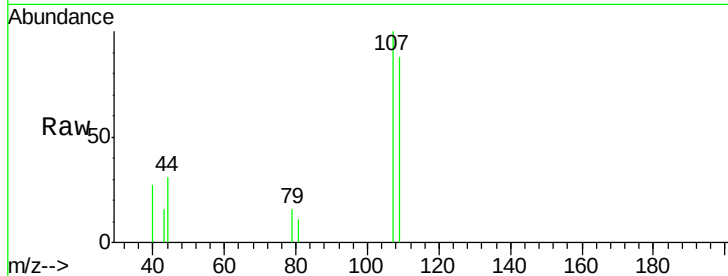
109 91.1 74.6 111.8

Manual Integrations

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MMDadoda

2/16/2018 11:44:50 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

800

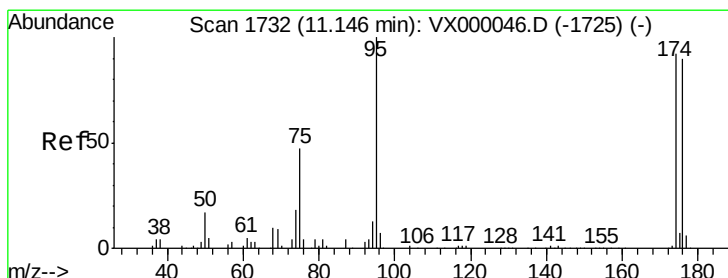
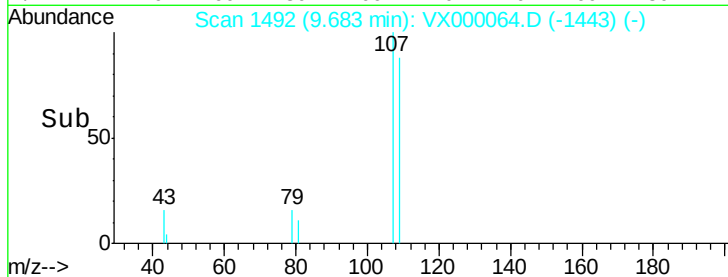
600

400

200

0

Time-->



#62

4-Bromofluorobenzene

Concen: 45.69 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000064.D

Acq: 12 Feb 2018 14:25

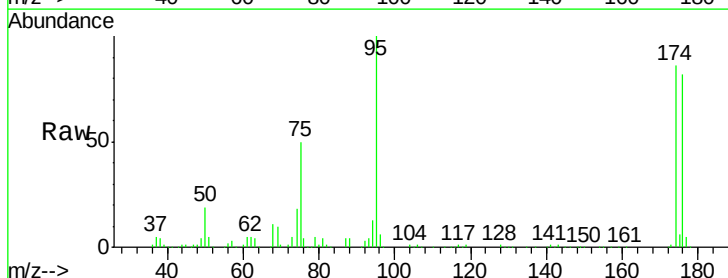
Tgt Ion: 95 Resp: 77801

Ion Ratio Lower Upper

95 100

174 88.6 0.0 185.6

176 85.3 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

11.15

80000

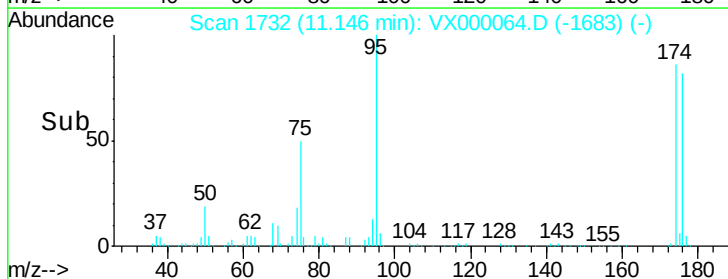
60000

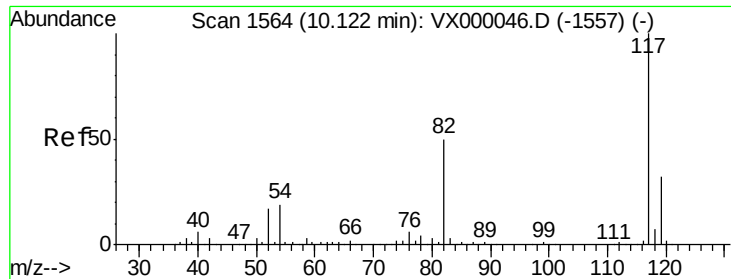
40000

20000

0

Time-->





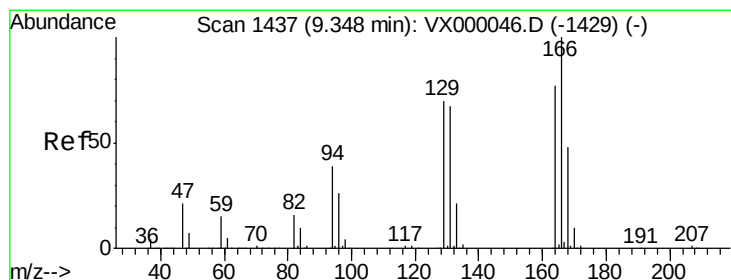
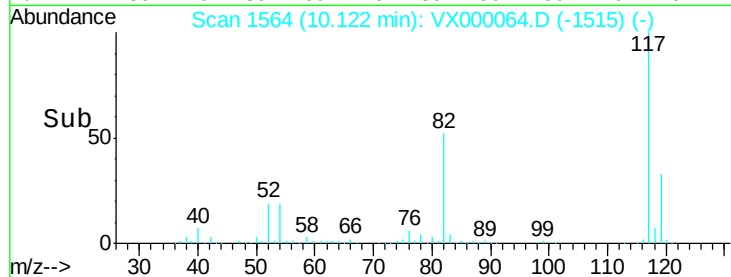
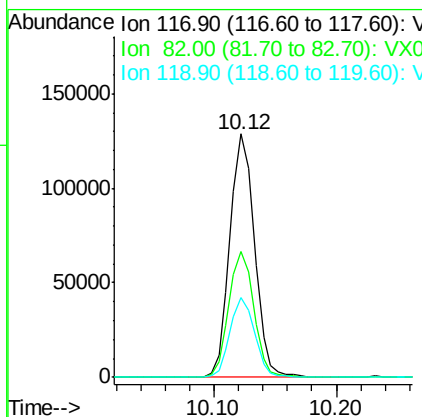
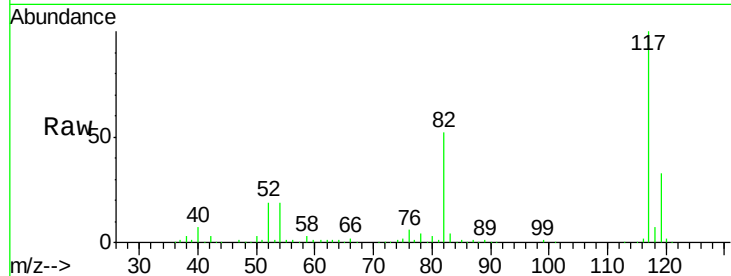
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000064.D
Acq: 12 Feb 2018 14:25

Instrument :
ClientSampled :
MDL 02

Tot Ion	Ratio	Resp	Lower	Upper
117	100	180290		
82	51.6		40.3	60.5
119	32.6		25.3	37.9

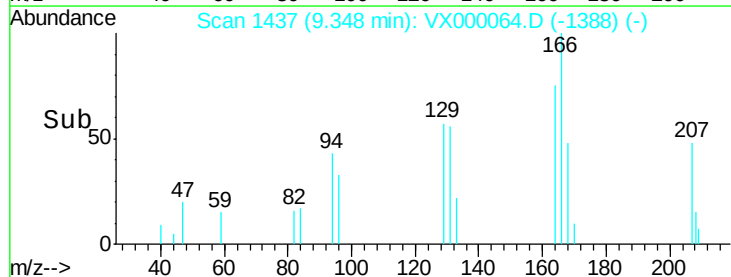
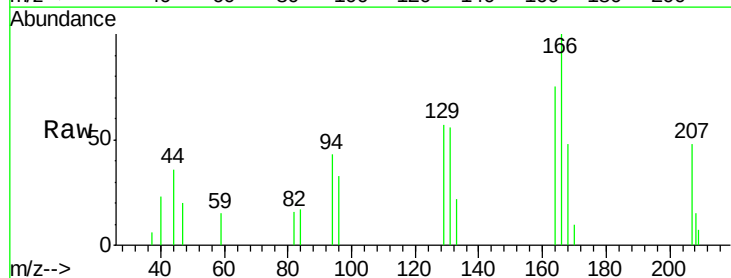
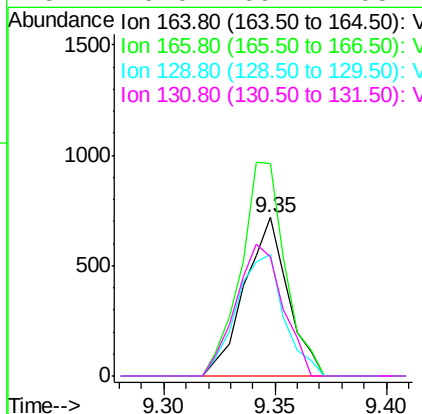
Manual Integrations
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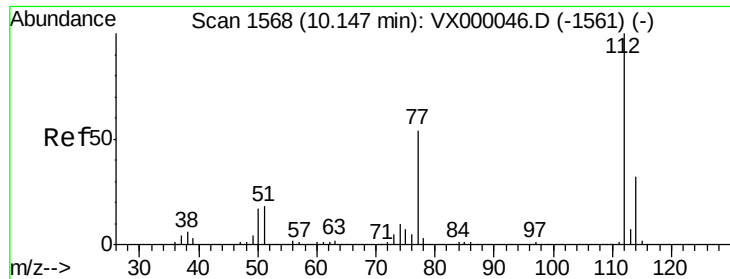
MMDadoda
2/16/2018 11:44:50 AM



#64
Tetrachloroethene
Concen: 0.72 ug/l
RT: 9.35 min Scan# 1437
Delta R.T. -0.00 min
Lab File: VX000064.D
Acq: 12 Feb 2018 14:25

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	971		
166	134.2		103.7	155.5
129	76.8		72.2	108.4
131	75.0		69.1	103.7





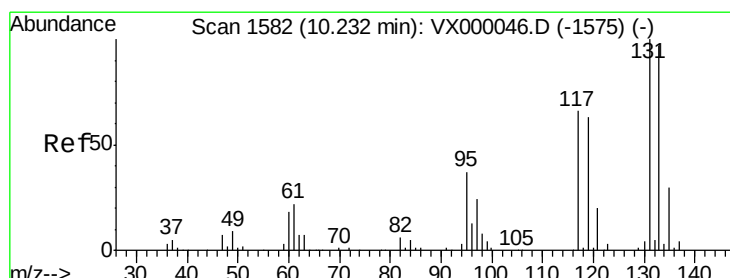
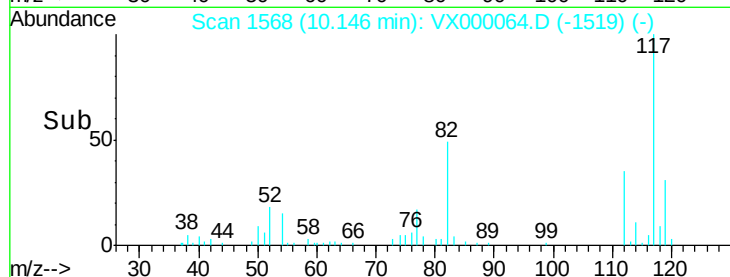
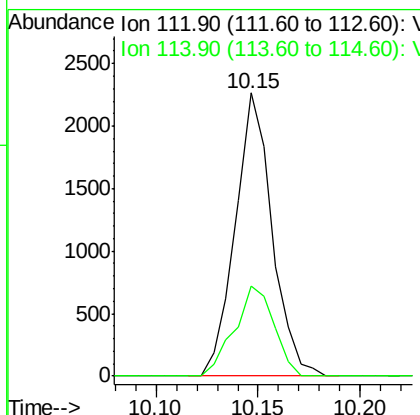
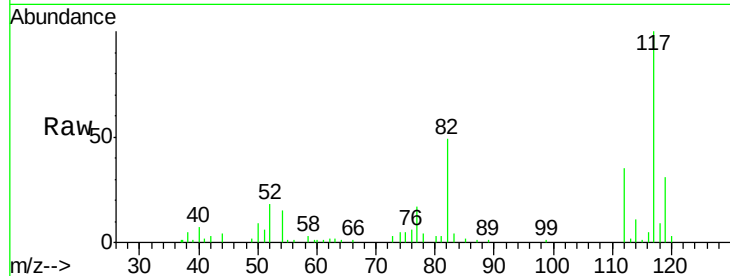
#65
Chlorobenzene
Concen: 0.75 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000064.D
Acq: 12 Feb 2018 14:25

Instrument :
Client Sampled :
MDL 02

Tot Ion:112 Resp: 2829
Ion Ratio Lower Upper
112 100
114 31.7 25.6 38.4

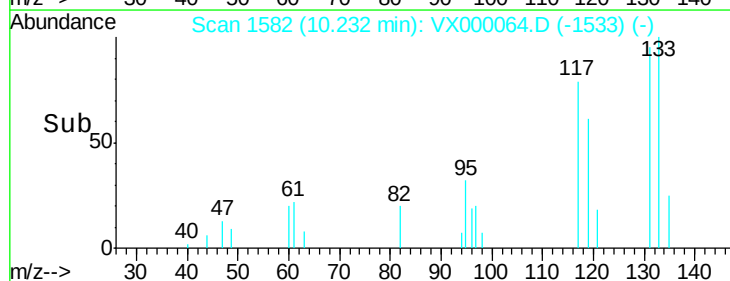
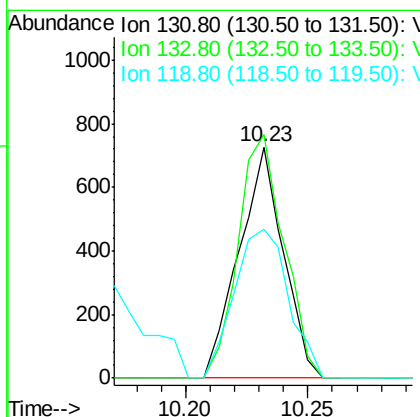
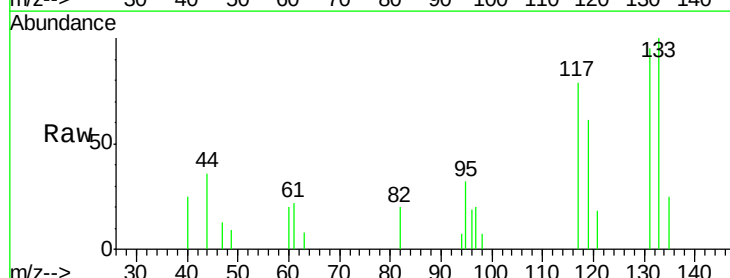
Manual Integrations
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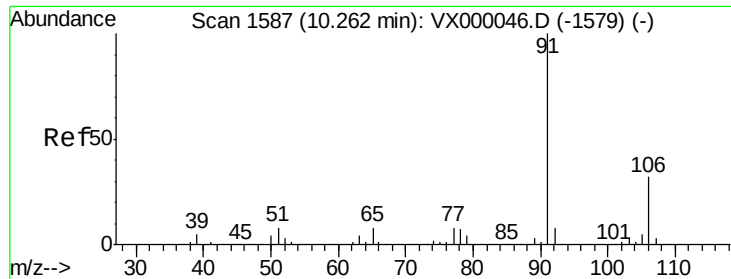
MMDadoda
2/16/2018 11:44:50 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 0.68 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VX000064.D
Acq: 12 Feb 2018 14:25

Tgt Ion:131 Resp: 915
Ion Ratio Lower Upper
131 100
133 109.0 47.6 142.9
119 0.0 31.7 95.1#





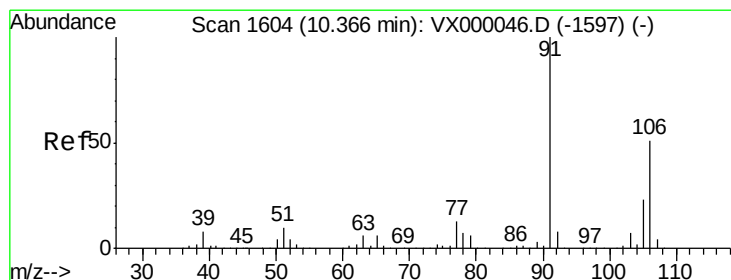
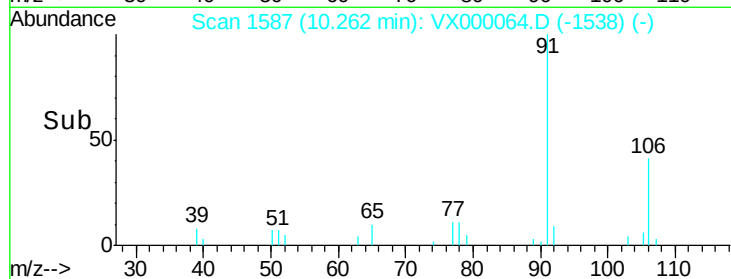
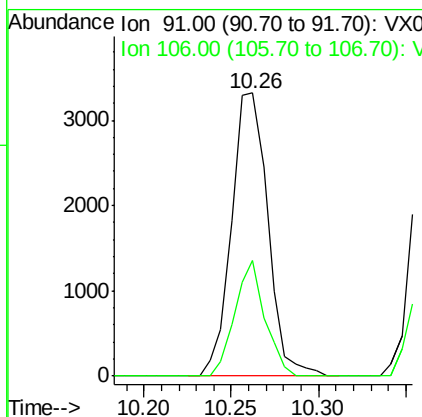
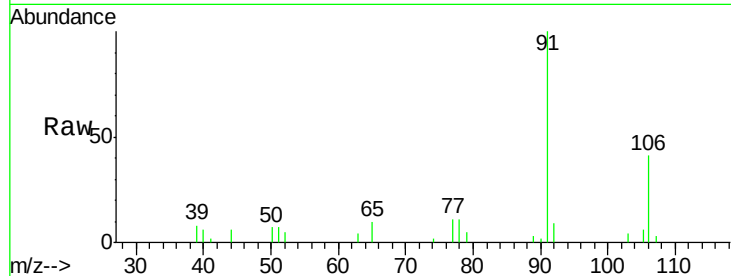
#67
Ethyl Benzene
Concen: 0.77 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. -0.00 min
Lab File: VX000064.D
Acq: 12 Feb 2018 14:25

Instrument :
Client Sampled :
MDL 02

Tot Ion: 91 Resp: 4809
Ion Ratio Lower Upper
91 100
106 40.7 25.9 38.9#

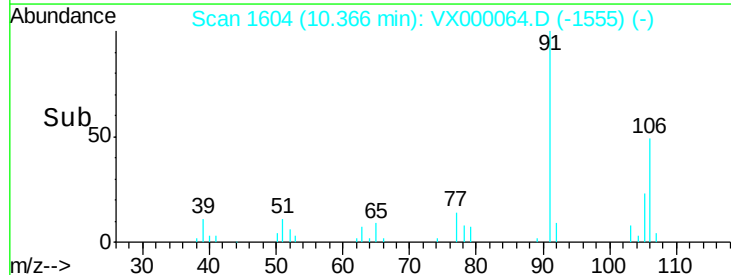
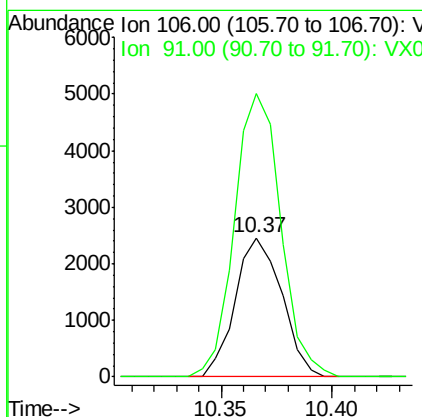
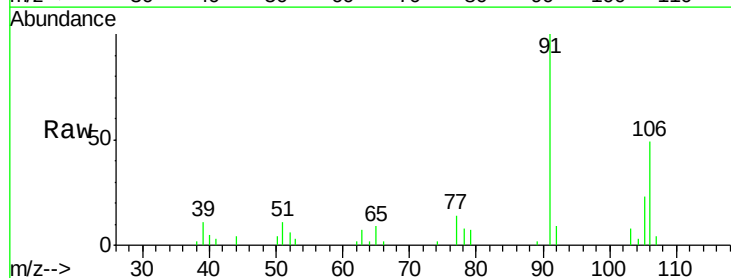
Manual Integrations
APPROVED

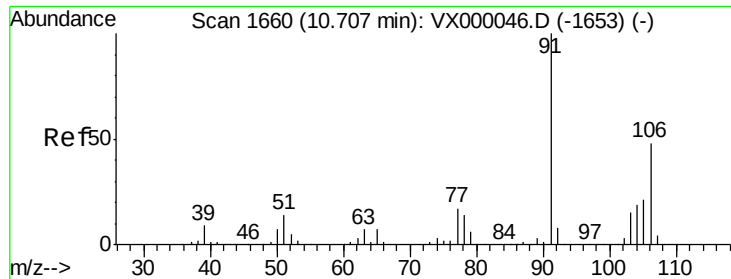
MMDadoda
2/16/2018 11:44:50 AM



#68
m/p-Xylenes
Concen: 1.45 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000064.D
Acq: 12 Feb 2018 14:25

Tgt Ion: 106 Resp: 3590
Ion Ratio Lower Upper
106 100
91 201.9 158.3 237.5





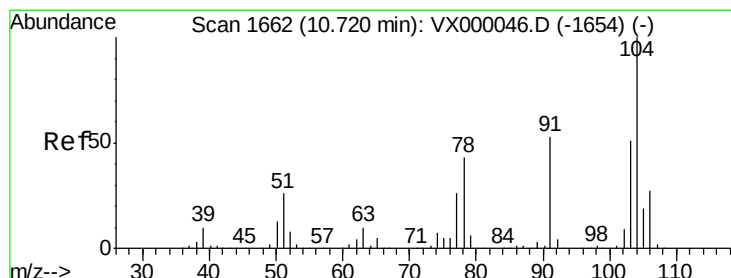
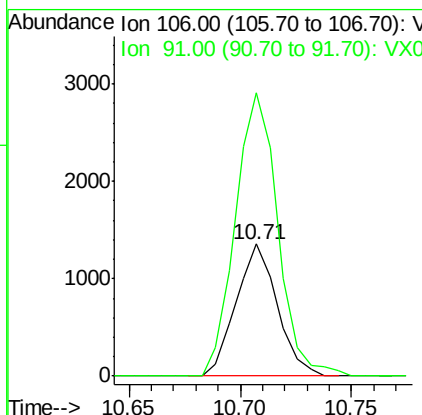
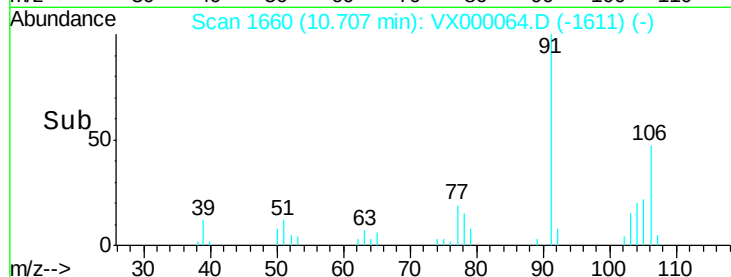
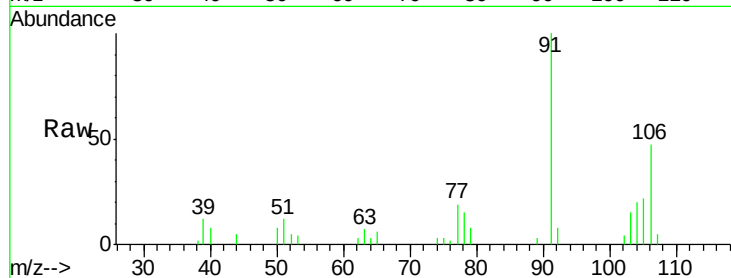
#69
o-Xylene
Concen: 0.73 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000064.D
Acq: 12 Feb 2018 14:25

Instrument :
Client Sampled :
MDL 02

Tot Ion:106 Resp: 1749
Ion Ratio Lower Upper
106 100
91 220.8 104.0 312.0

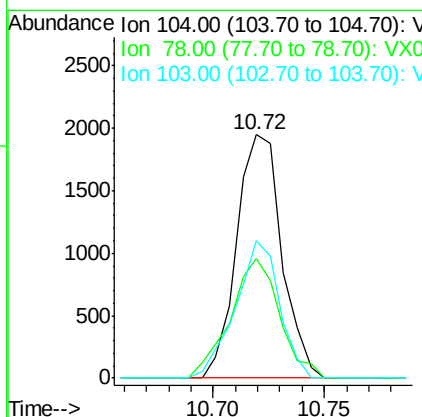
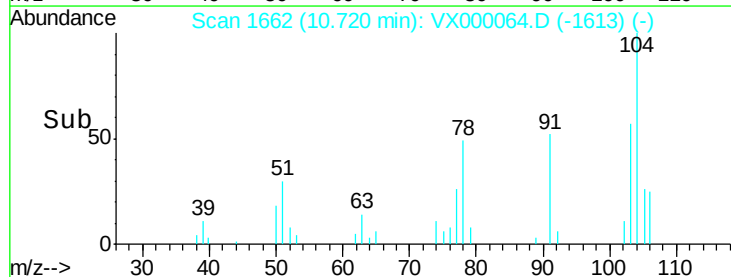
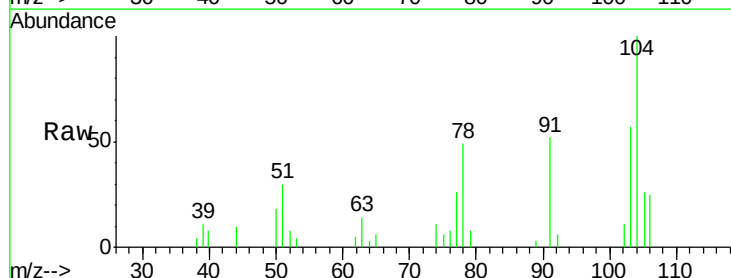
Manual Integrations
APPROVED

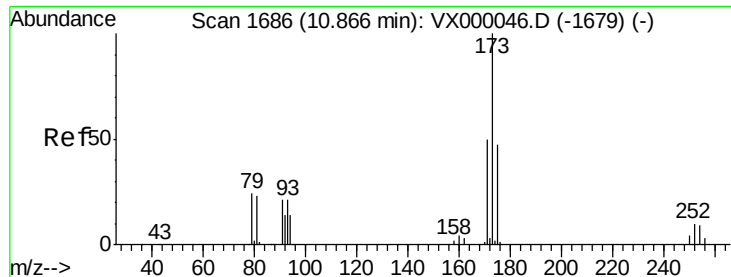
MMDadoda
2/16/2018 11:44:50 AM



#70
Styrene
Concen: 0.68 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000064.D
Acq: 12 Feb 2018 14:25

Tgt Ion:104 Resp: 2747
Ion Ratio Lower Upper
104 100
78 53.9 37.7 56.5
103 55.4 44.0 66.0





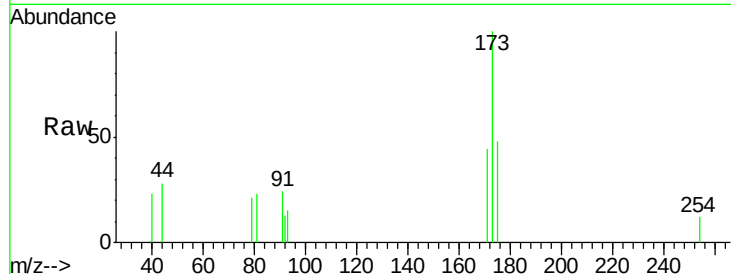
#71
Bromoform
Concen: 0.64 ug/l
RT: 10.87 min Scan# 1687
Delta R.T. 0.01 min
Lab File: VX000064.D
Acq: 12 Feb 2018 14:25

Instrument :
Client Sampled :
MDL 02

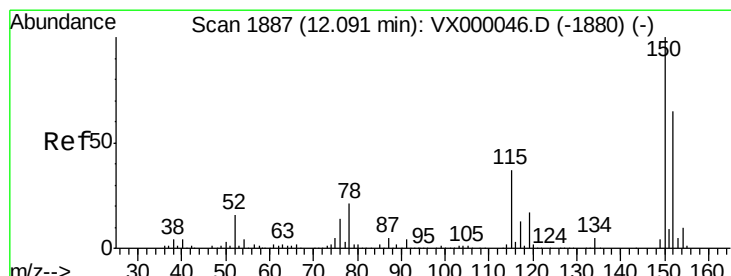
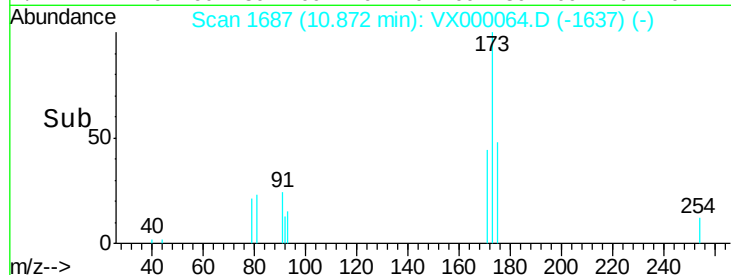
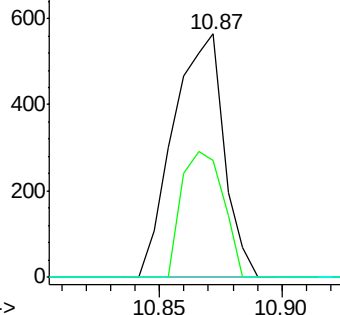
Tot Ion	Ratio	Lower	Upper
173	100		
175	42.5	23.9	71.8
254	0.0	0.1	0.1

Manual Integrations
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MMDadoda
2/16/2018 11:44:50 AM

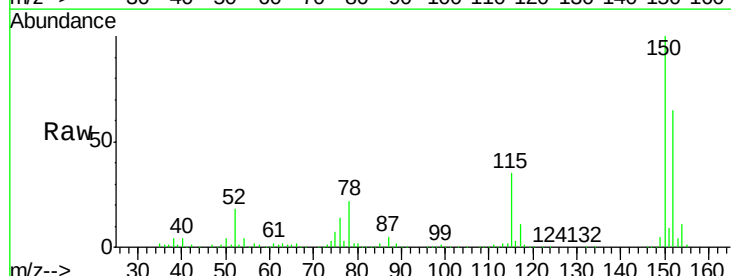


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

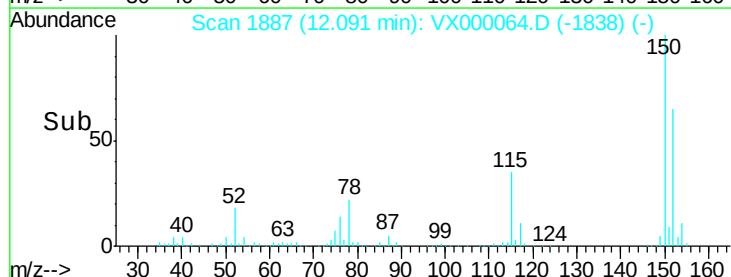
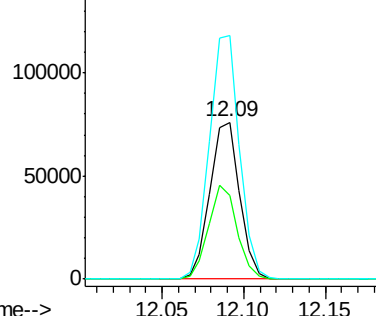


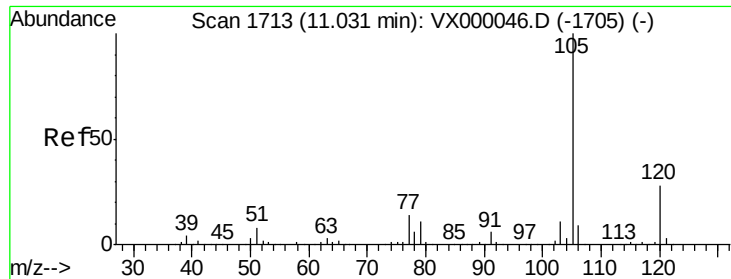
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1887
Delta R.T. -0.00 min
Lab File: VX000064.D
Acq: 12 Feb 2018 14:25

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.2	39.3	117.8
150	157.1	0.0	349.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.83 ug/l

RT: 11.03 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VX000064.D

Acq: 12 Feb 2018 14:25

Instrument :

ClientSampled :

MDL 02

Tot Ion:105 Resp: 5127

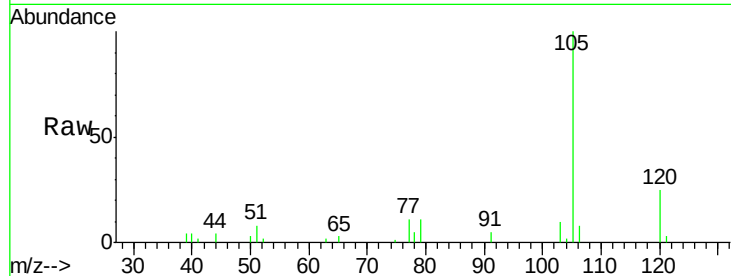
Ion Ratio Lower Upper

105 100

120 25.7 13.8 41.3

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MMDadoda
2/16/2018 11:44:50 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.03

4000

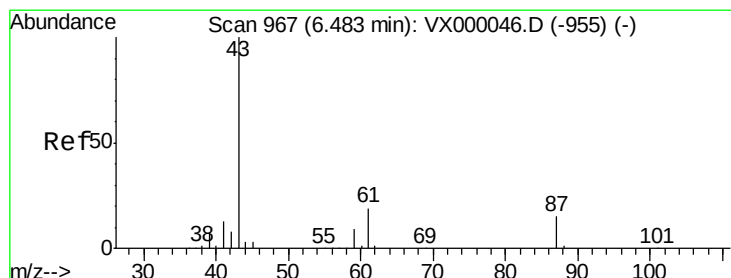
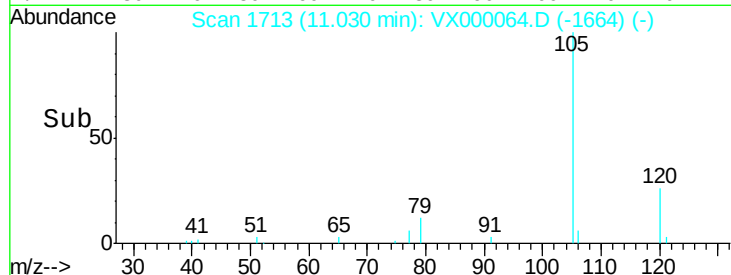
3000

2000

1000

0

Time-->



#74

N-ethyl acetate

Concen: 0.83 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.01 min

Lab File: VX000064.D

Acq: 12 Feb 2018 14:25

Tgt Ion: 43 Resp: 2550

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.1 0.1#

61 16.6 15.9 23.9

Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

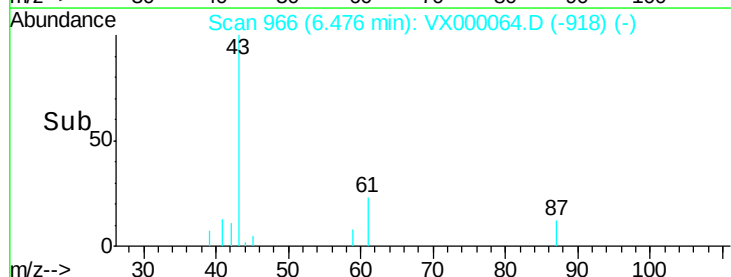
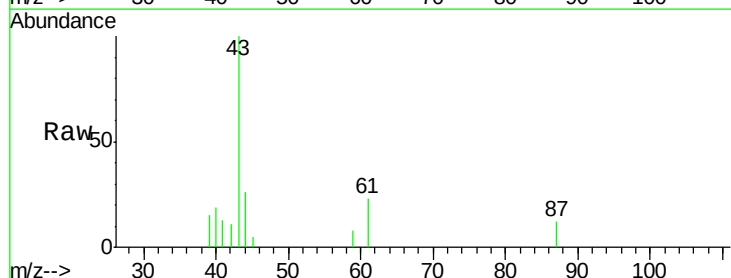
1500

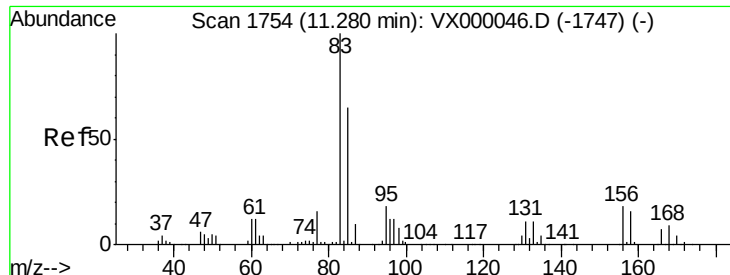
1000

500

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 0.76 ug/l

RT: 11.28 min Scan# 1754

Delta R.T. -0.00 min

Lab File: VX000064.D

Acq: 12 Feb 2018 14:25

Instrument :

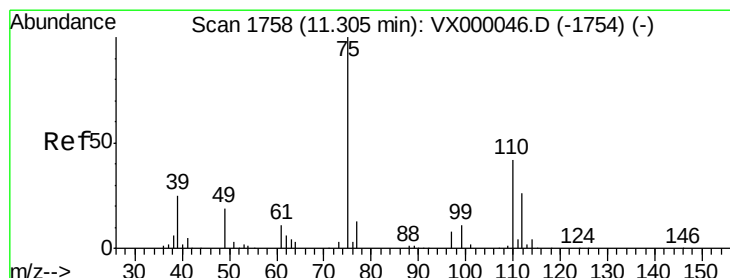
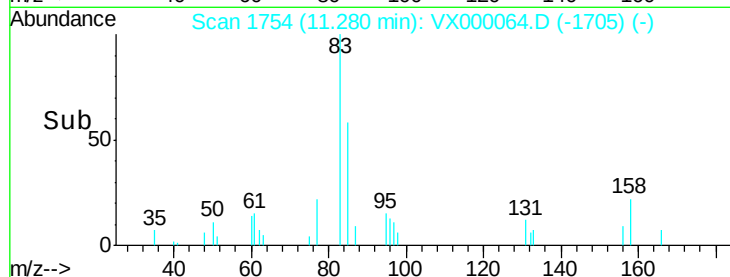
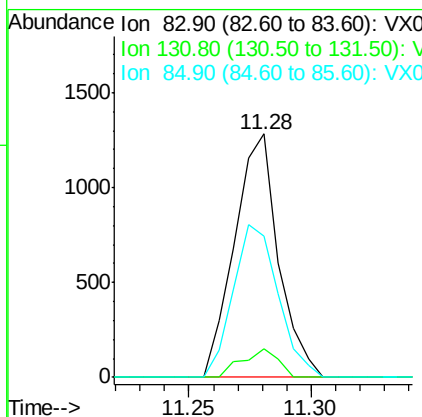
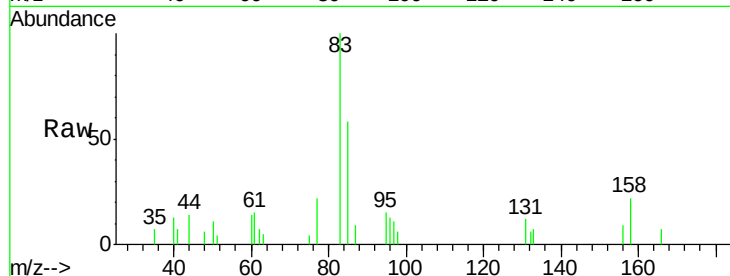
ClientSampled :

MDL 02

Tot Ion:	83	Resp:	1604
Ion	Ratio	Lower	Upper
83	100		
131	9.5	5.5	16.7
85	63.9	32.6	97.7

Manual Integrations
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MMDadoda
2/16/2018 11:44:50 AM



#76

1,2,3-Trichloropropane

Concen: 1.08 ug/l

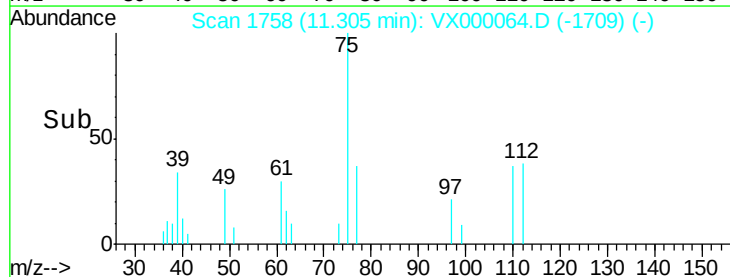
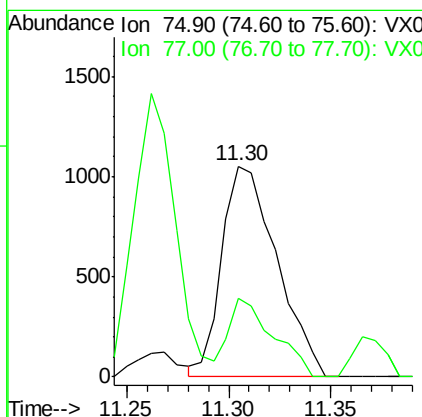
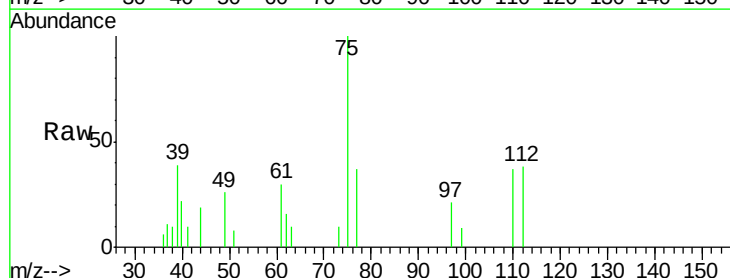
RT: 11.30 min Scan# 1758

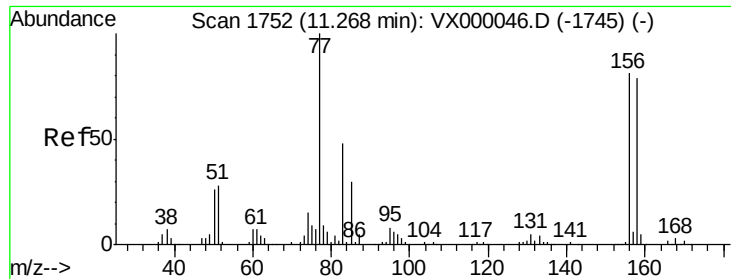
Delta R.T. -0.00 min

Lab File: VX000064.D

Acq: 12 Feb 2018 14:25

Tgt Ion:	75	Resp:	1970
Ion	Ratio	Lower	Upper
75	100		
77	30.1	23.7	71.1





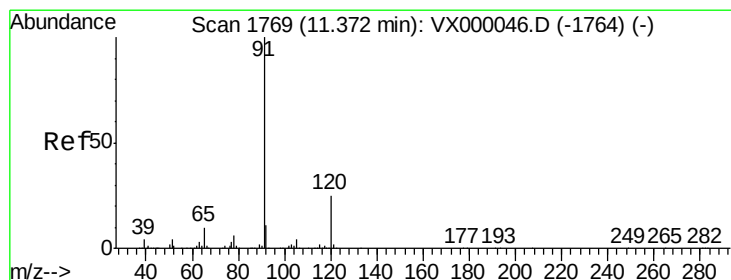
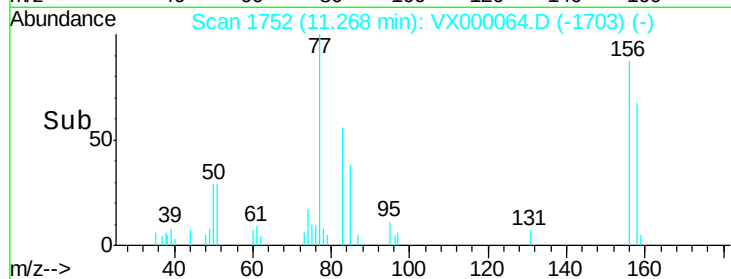
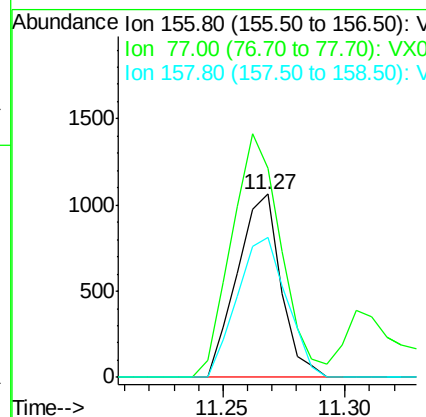
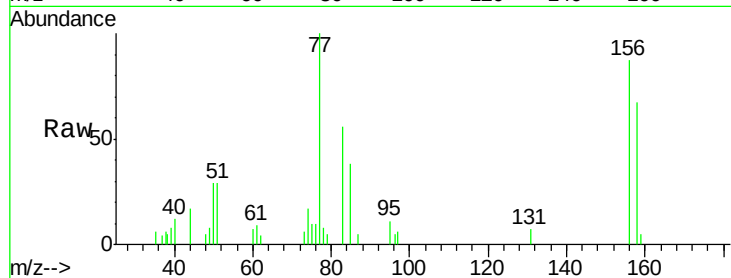
#77
Bromobenzene
Concen: 0.79 ug/l
RT: 11.27 min Scan# 1752
Delta R.T. -0.00 min
Lab File: VX000064.D
Acq: 12 Feb 2018 14:25

Instrument :
Client Sampled :
MDL 02

Tot Ion	Ratio	Lower	Upper
156	100		
77	151.6	66.2	198.6
158	86.8	48.6	145.9

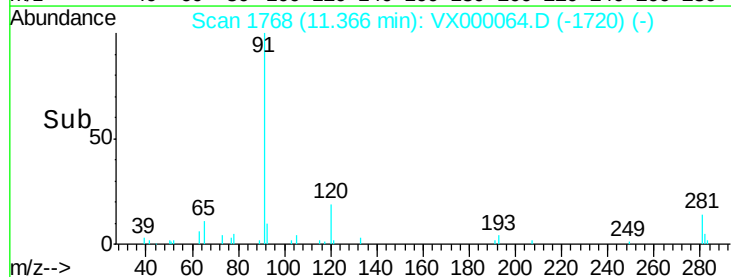
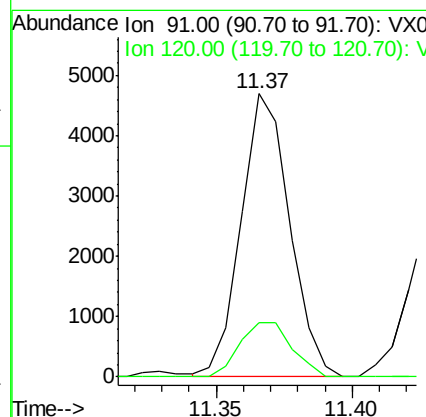
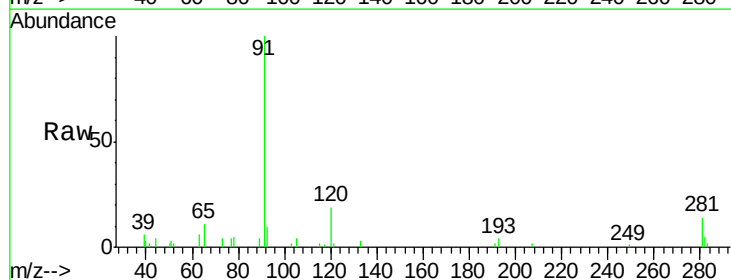
Manual Integrations
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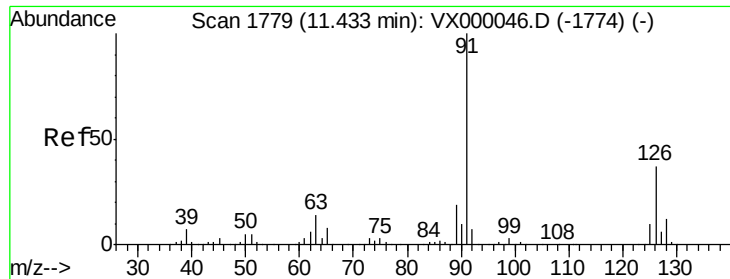
MMDadoda
2/16/2018 11:44:50 AM



#78
n-propylbenzene
Concen: 0.81 ug/l
RT: 11.37 min Scan# 1768
Delta R.T. -0.01 min
Lab File: VX000064.D
Acq: 12 Feb 2018 14:25

Tgt Ion	Ratio	Lower	Upper
91	100		
120	20.5	12.2	36.6





#79

2-Chlorotoluene

Concen: 0.81 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VX000064.D

Acq: 12 Feb 2018 14:25

Instrument :

ClientSampled :

MDL 02

Tot Ion: 91 Resp: 3357

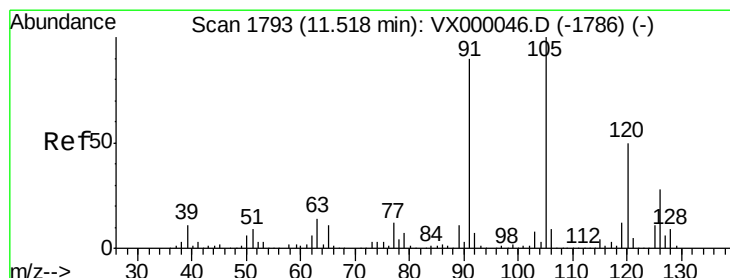
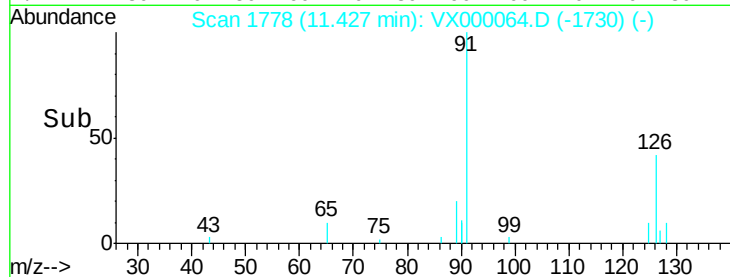
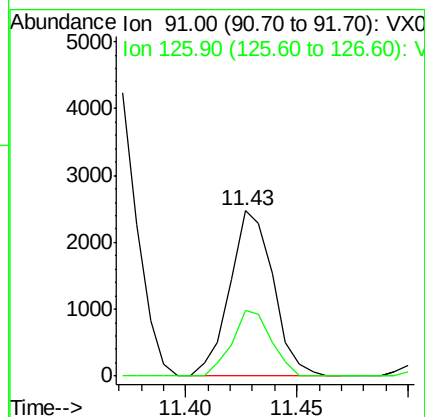
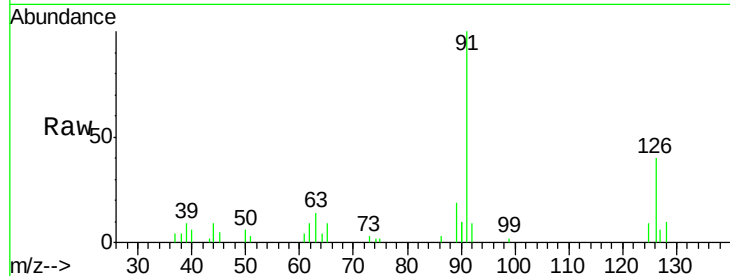
Ion Ratio Lower Upper

91 100

126 35.8 18.2 54.6

Manual Integrations
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2/16/2018 11:44:50 AM



#80

1,3,5-Trimethylbenzene

Concen: 0.82 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX000064.D

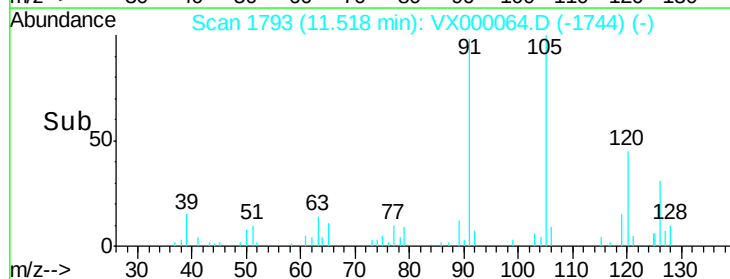
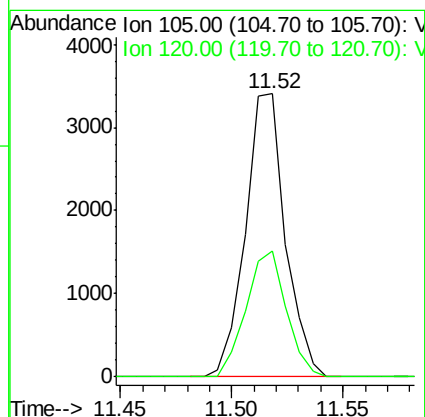
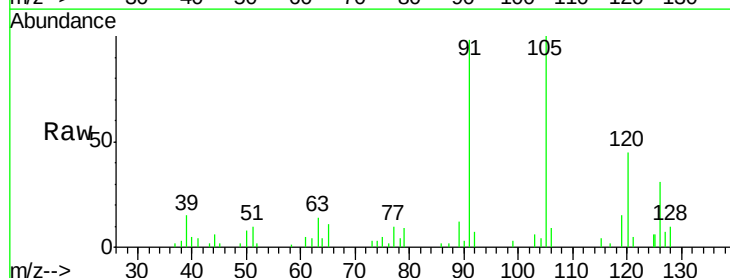
Acq: 12 Feb 2018 14:25

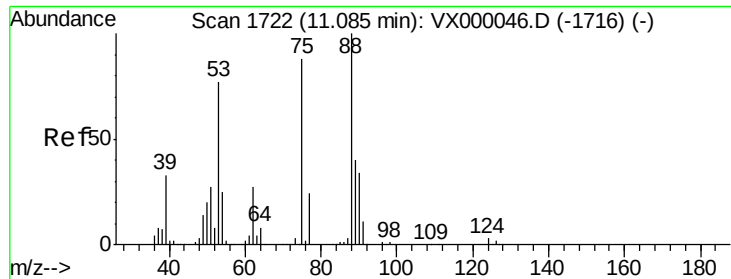
Tgt Ion: 105 Resp: 4256

Ion Ratio Lower Upper

105 100

120 44.8 24.8 74.3





#81

trans-1,4-Dichloro-2-butene

Concen: 53.55 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.06 min

Lab File: VX000064.D

Acq: 12 Feb 2018 14:25

Instrument :

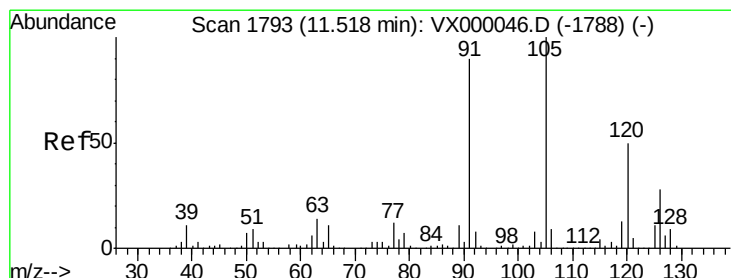
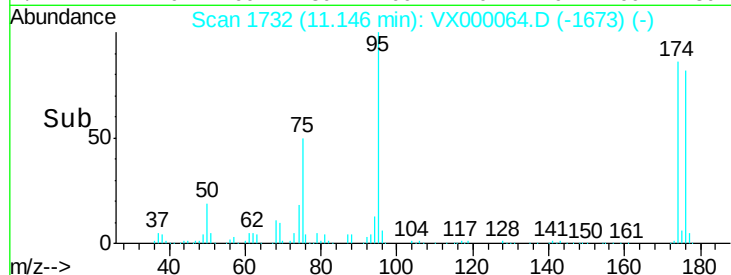
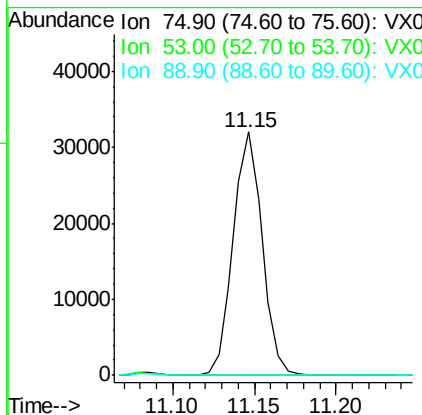
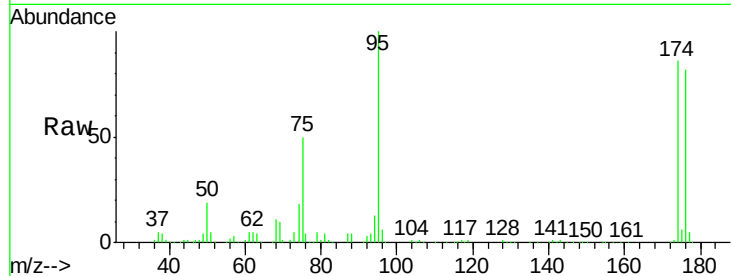
ClientSampled :

MDL 02

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

Manual Integrations
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#82

4-Chlorotoluene

Concen: 0.80 ug/l

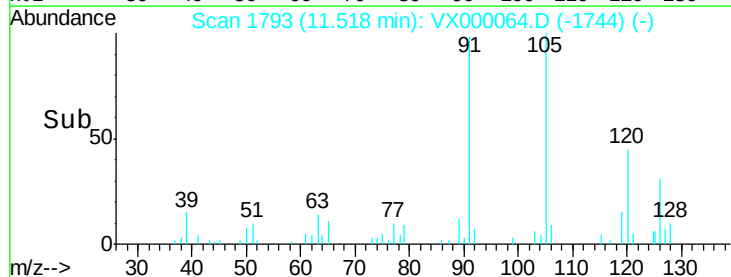
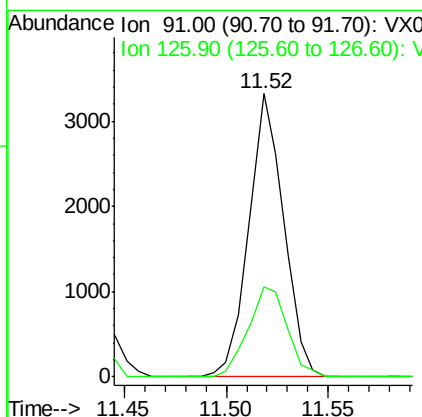
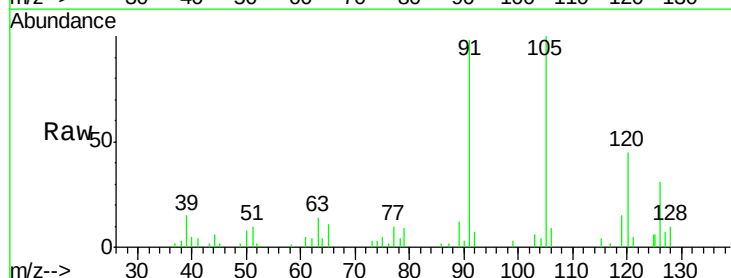
RT: 11.52 min Scan# 1793

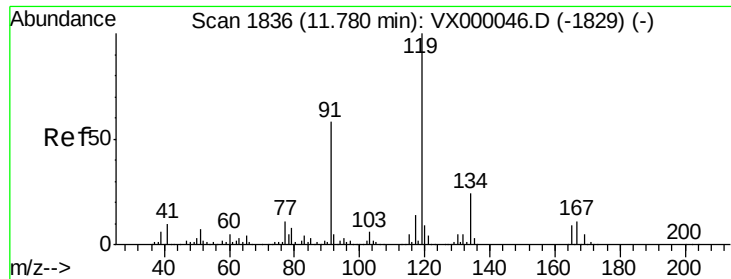
Delta R.T. -0.00 min

Lab File: VX000064.D

Acq: 12 Feb 2018 14:25

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.6	16.3	48.8





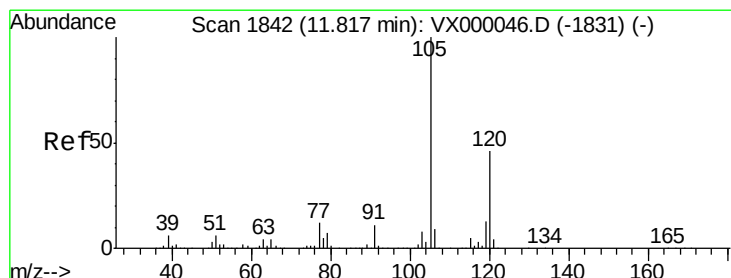
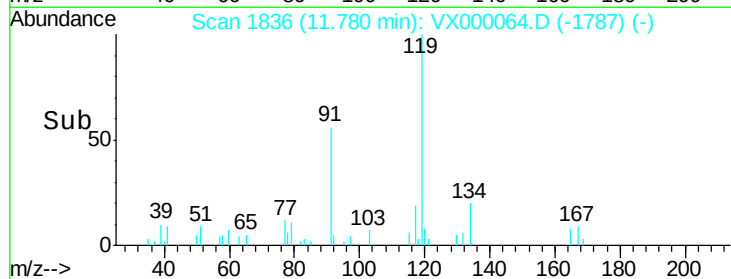
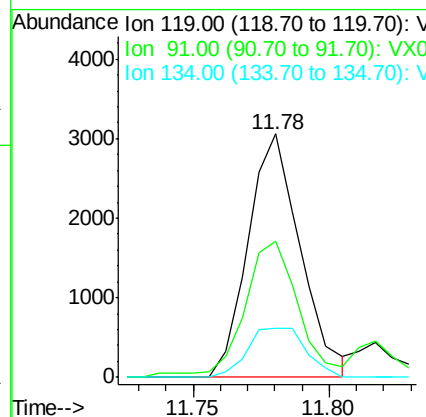
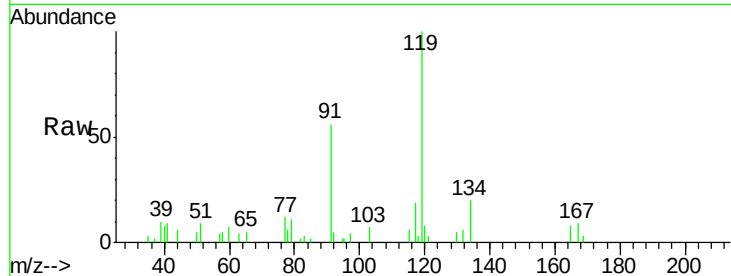
#83
 tert-Butylbenzene
 Concen: 0.78 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: VX000064.D
 Acq: 12 Feb 2018 14:25

Instrument :
 ClientSampled :
 MDL 02

Tot Ion	Ratio	Lower	Upper
119	100		
91	58.1	27.9	83.7
134	22.9	11.7	35.1

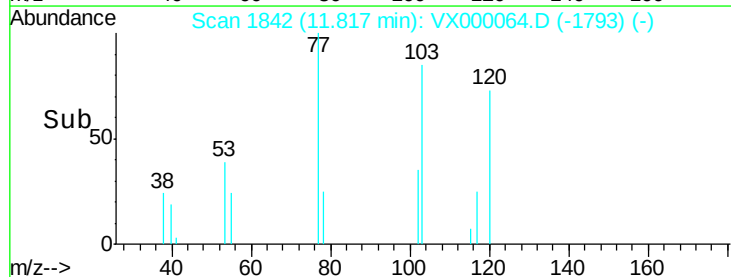
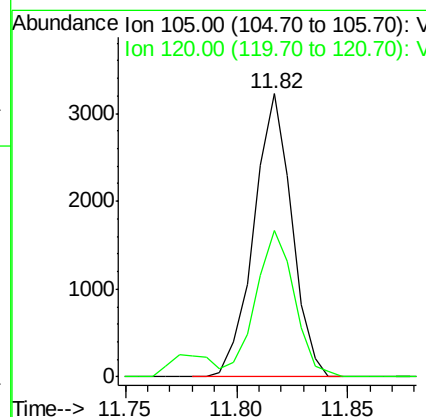
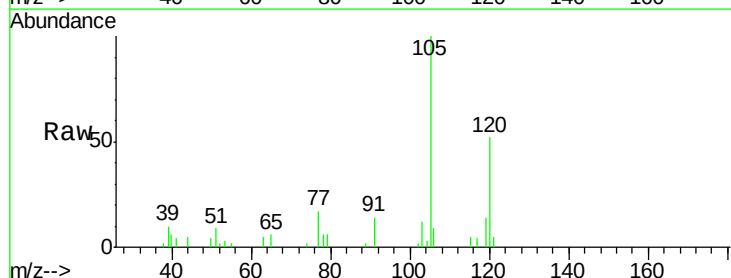
Manual Integrations
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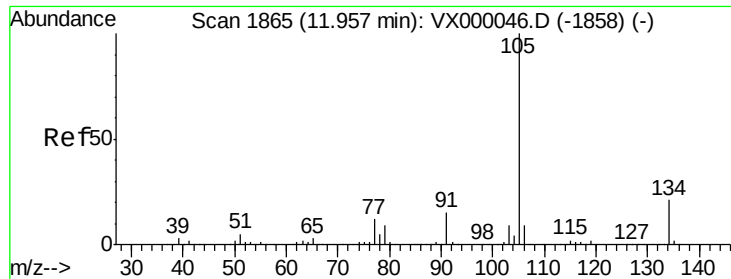
MMDadoda
 2/16/2018 11:44:50 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 0.72 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000064.D
 Acq: 12 Feb 2018 14:25

Tgt Ion	Ratio	Lower	Upper
105	100		
120	53.0	23.4	70.2





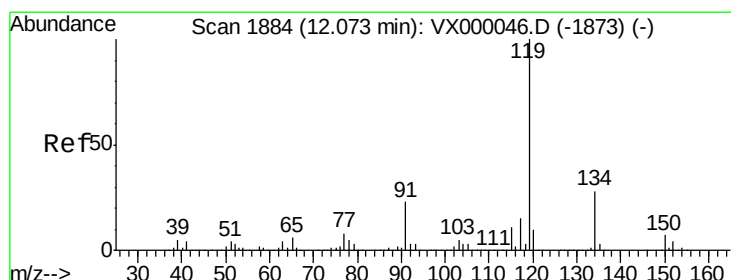
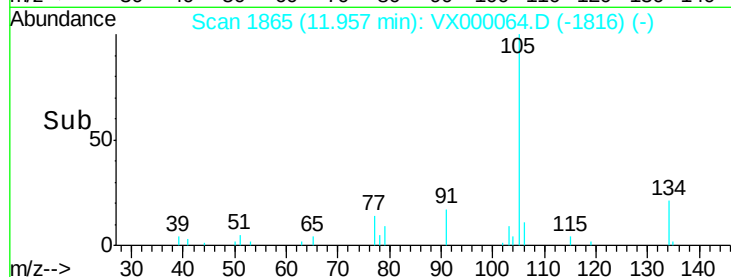
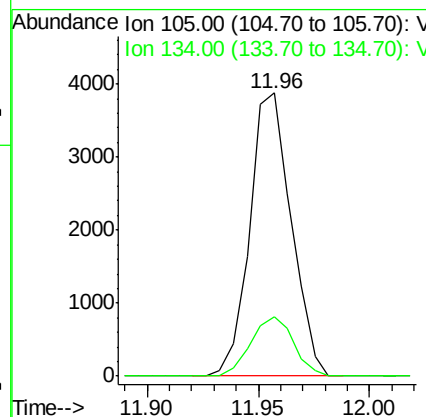
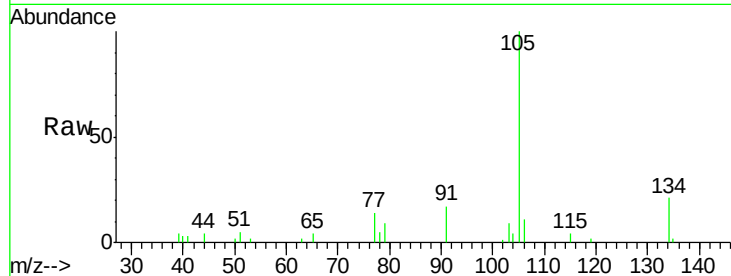
#85
 sec-Butylbenzene
 Concen: 0.78 ug/l
 RT: 11.96 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VX000064.D
 Acq: 12 Feb 2018 14:25

Instrument :
 ClientSampled :
 MDL 02

Tot Ion:105 Resp: 5025
 Ion Ratio Lower Upper
 105 100
 134 21.4 10.6 31.8

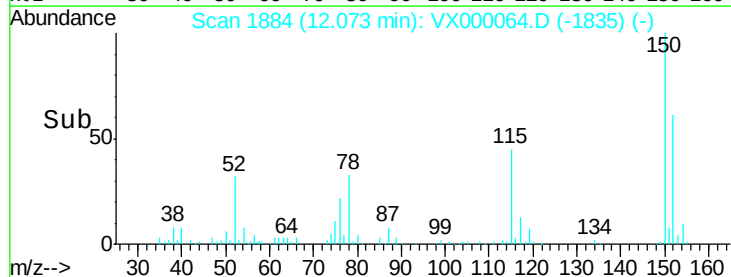
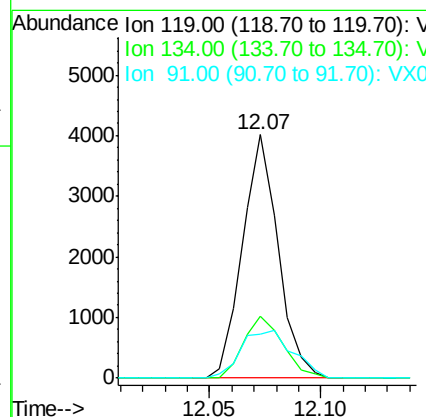
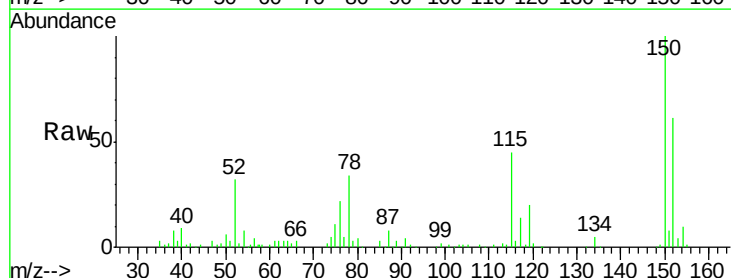
Manual Integrations
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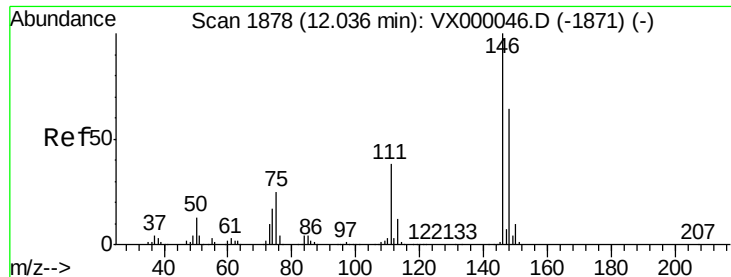
MMDadoda
 2/16/2018 11:44:50 AM



#86
 p-Isopropyltoluene
 Concen: 0.78 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VX000064.D
 Acq: 12 Feb 2018 14:25

Tgt Ion:119 Resp: 4486
 Ion Ratio Lower Upper
 119 100
 134 27.9 14.0 41.9
 91 28.2 11.6 34.7





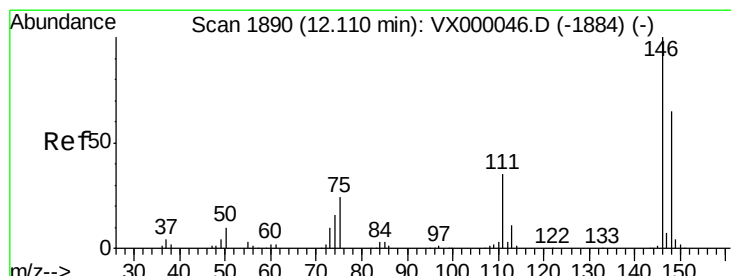
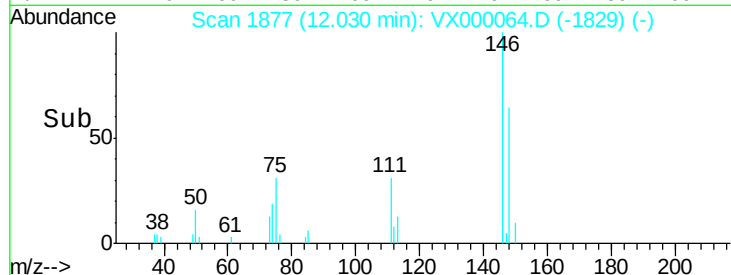
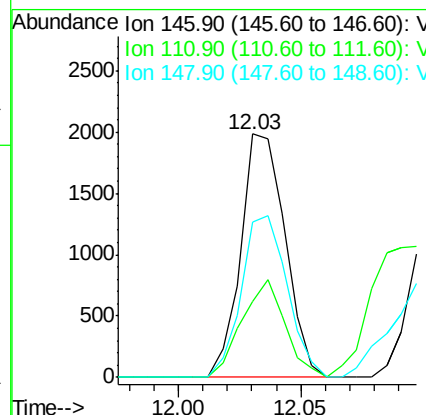
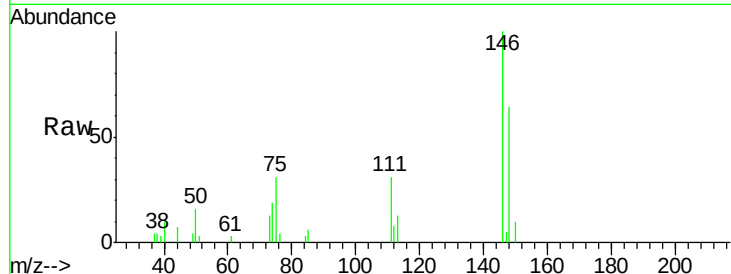
#87
 1,3-Dichlorobenzene
 Concen: 0.79 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.01 min
 Lab File: VX000064.D
 Acq: 12 Feb 2018 14:25

Instrument :
 ClientSampled :
 MDL 02

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	18.9	56.9
148	68.7	31.8	95.4

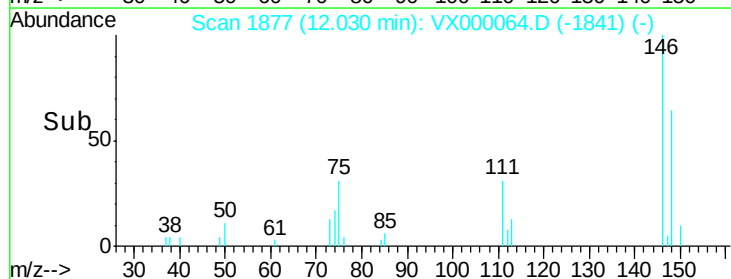
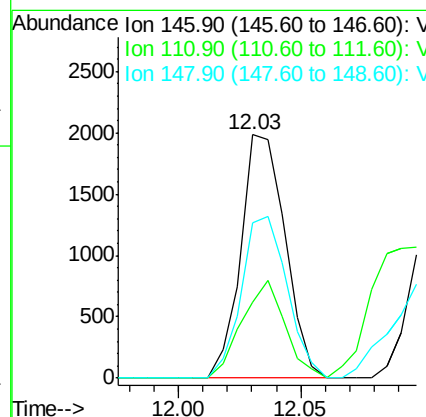
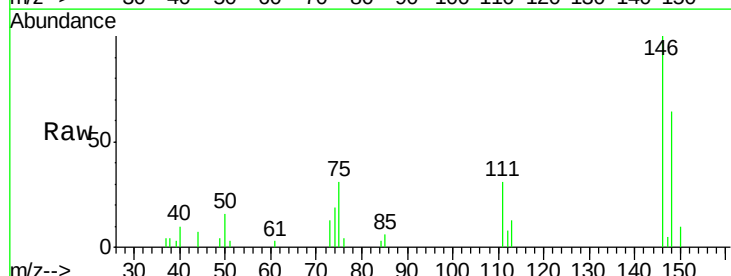
Manual Integrations
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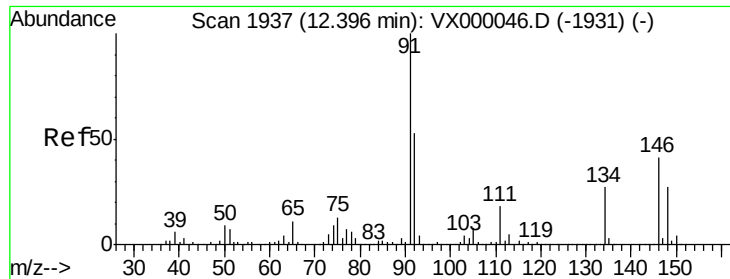
MMDadoda
 2/16/2018 11:44:50 AM



#88
 1,4-Dichlorobenzene
 Concen: 0.78 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.08 min
 Lab File: VX000064.D
 Acq: 12 Feb 2018 14:25

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.9	18.7	56.1
148	68.7	32.1	96.5





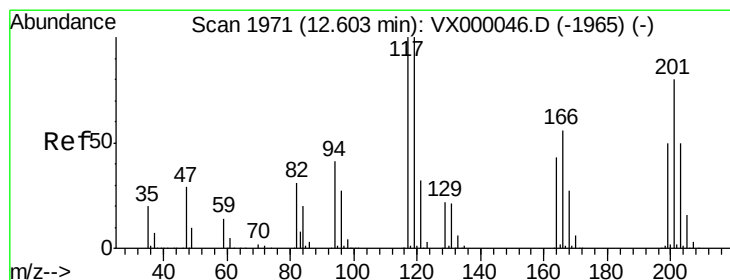
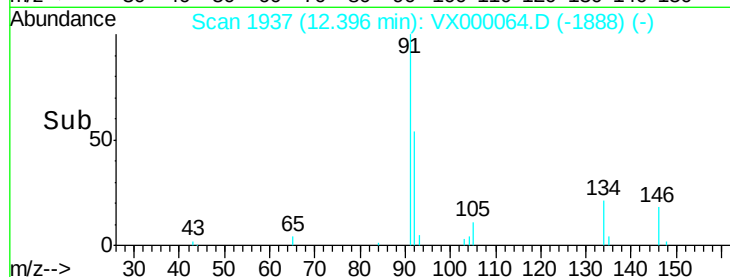
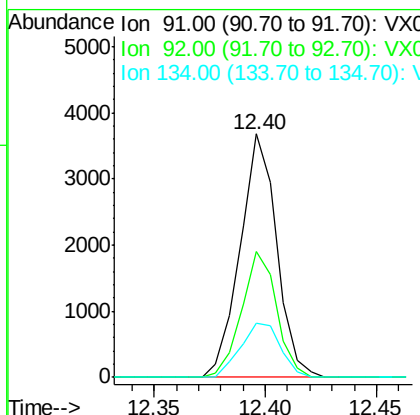
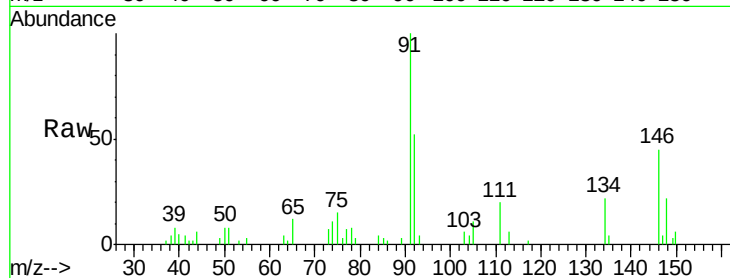
#89
n-Butylbenzene
Concen: 0.78 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000064.D
Acq: 12 Feb 2018 14:25

Instrument :
ClientSampled :
MDL 02

Tot Ion	Ratio	Lower	Upper
91	100		
92	49.5	26.1	78.2
134	24.2	14.1	42.2

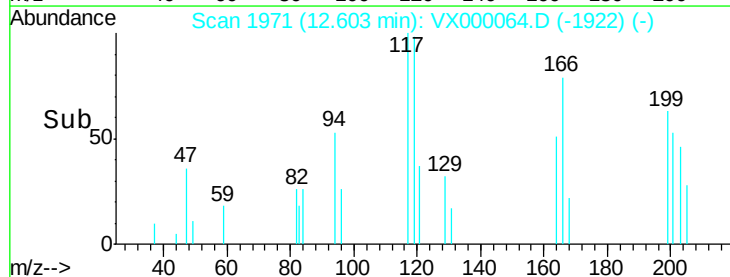
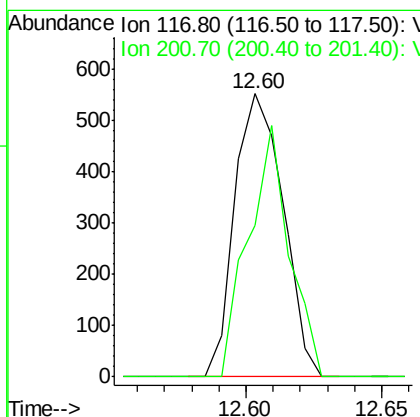
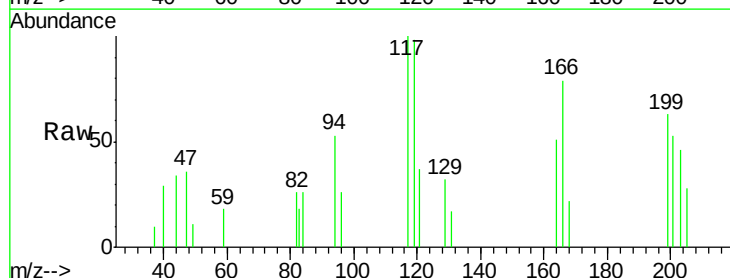
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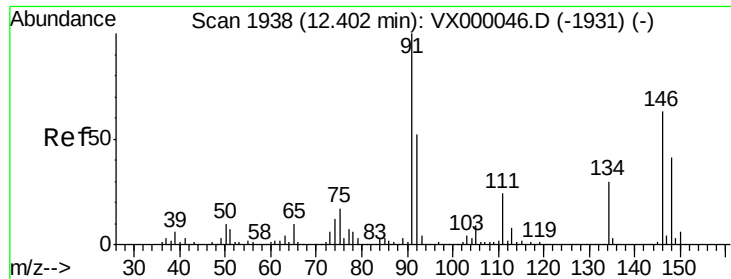
MMDadoda
2/16/2018 11:44:50 AM



#90
Hexachloroethane
Concen: 0.67 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX000064.D
Acq: 12 Feb 2018 14:25

Tgt Ion	Ratio	Lower	Upper
117	100		
201	74.6	43.5	130.7





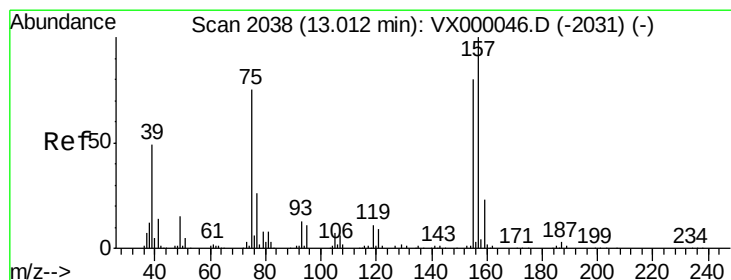
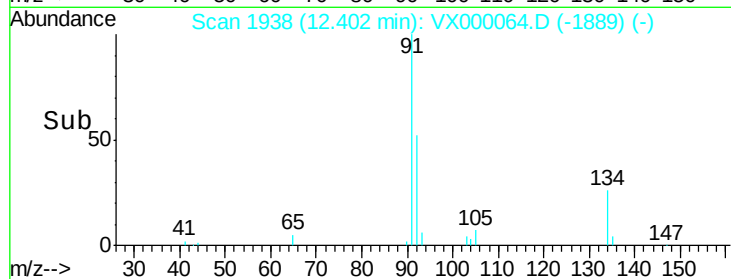
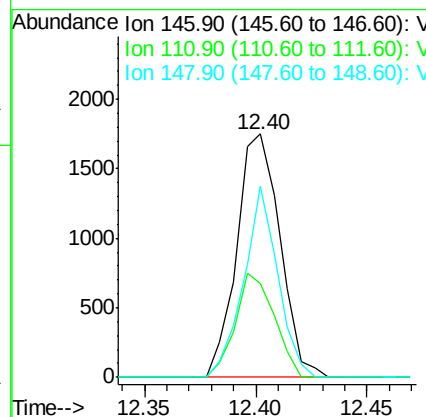
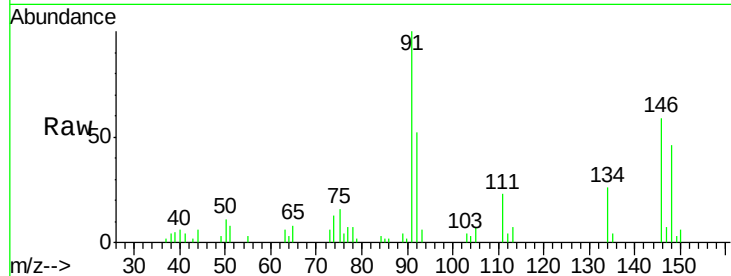
#91
1,2-Dichlorobenzene
Concen: 0.77 ug/l
RT: 12.40 min Scan# 1938
Delta R.T. -0.00 min
Lab File: VX000064.D
Acq: 12 Feb 2018 14:25

Instrument :
ClientSampled :
MDL 02

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.4	58.2
148	62.2	32.0	96.2

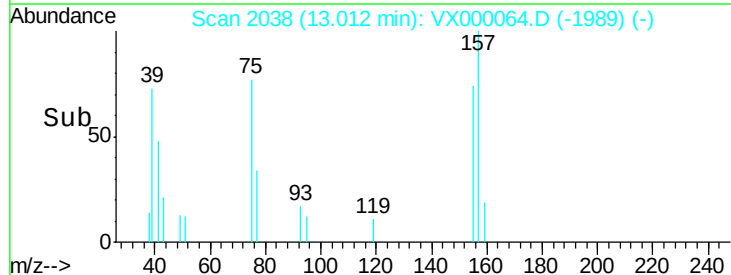
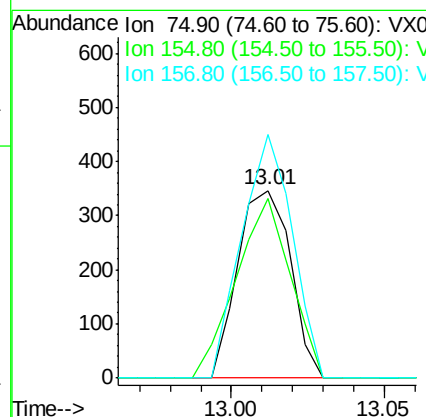
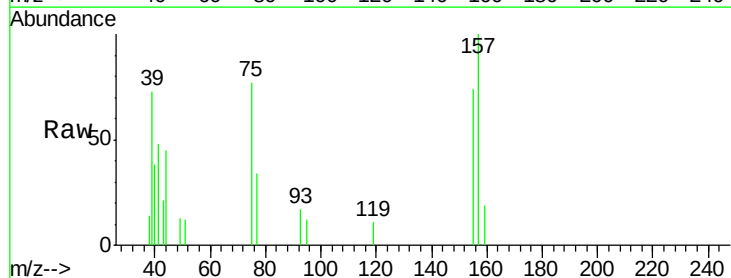
Manual Integrations
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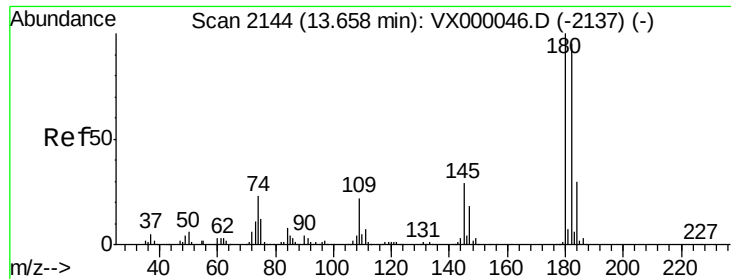
MMDadoda
2/16/2018 11:44:50 AM



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.69 ug/l
RT: 13.01 min Scan# 2038
Delta R.T. -0.00 min
Lab File: VX000064.D
Acq: 12 Feb 2018 14:25

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.3	52.0	156.0
157	124.9	65.3	195.9





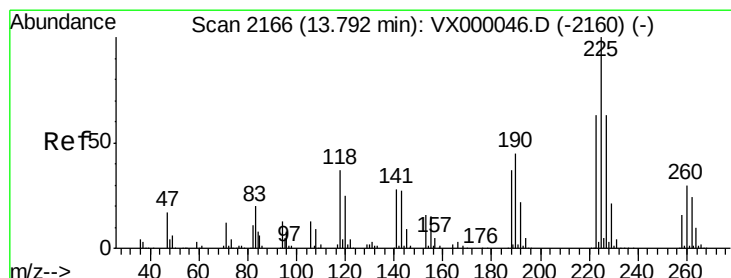
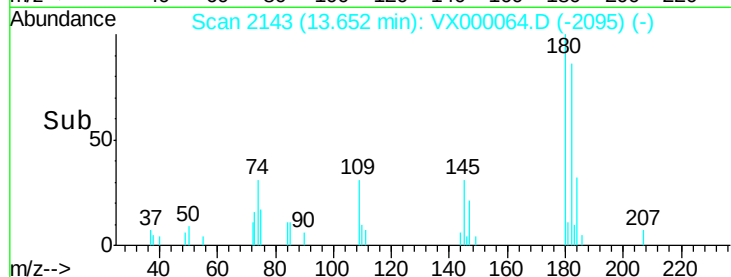
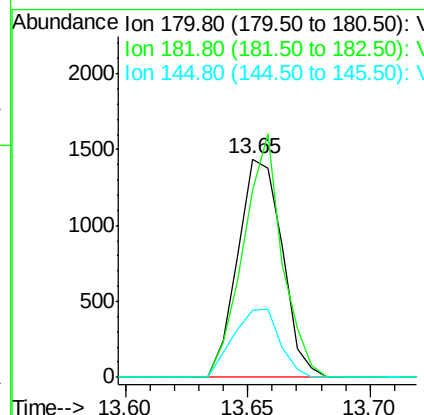
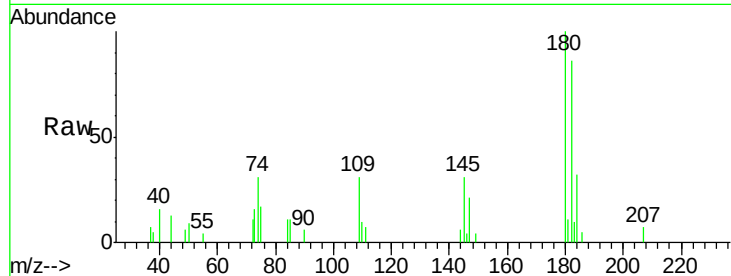
#93
 1,2,4-Trichlorobenzene
 Concen: 0.77 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.01 min
 Lab File: VX000064.D
 Acq: 12 Feb 2018 14:25

Instrument :
 ClientSampled :
 MDL 02

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.5	48.0	144.0
145	32.6	14.7	44.1

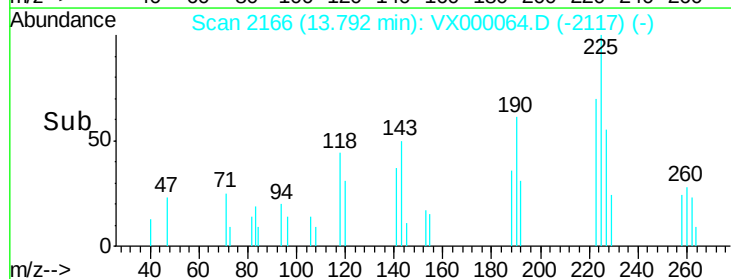
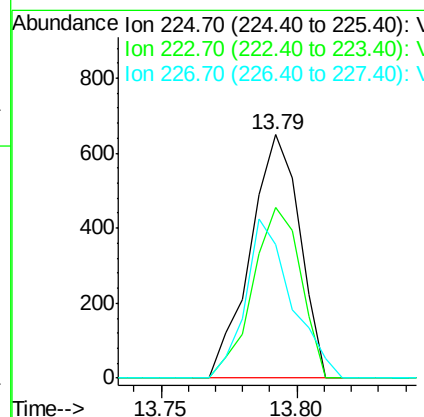
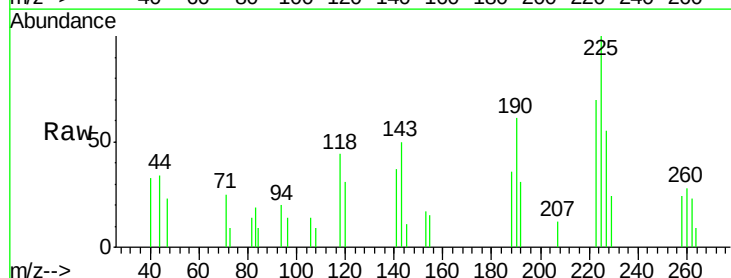
Manual Integrations
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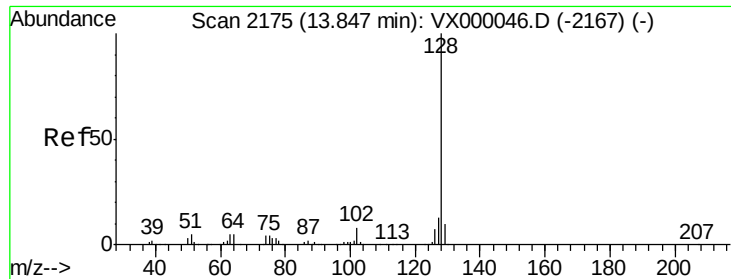
MMDadoda
 2/16/2018 11:44:50 AM



#94
 Hexachlorobutadiene
 Concen: 0.73 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000064.D
 Acq: 12 Feb 2018 14:25

Tgt Ion	Ratio	Lower	Upper
225	100		
223	68.4	31.9	95.5
227	61.4	31.6	95.0





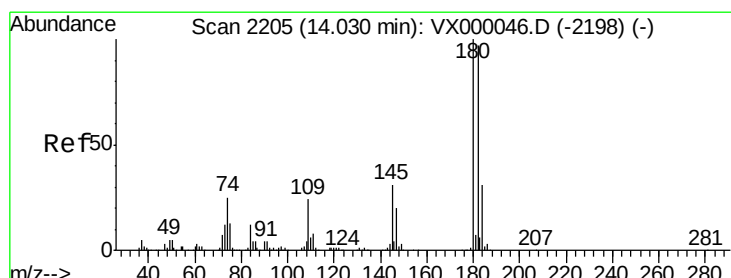
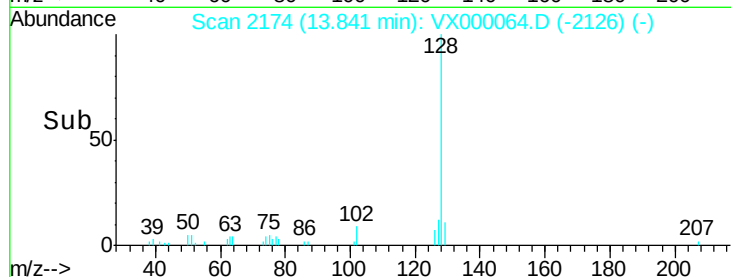
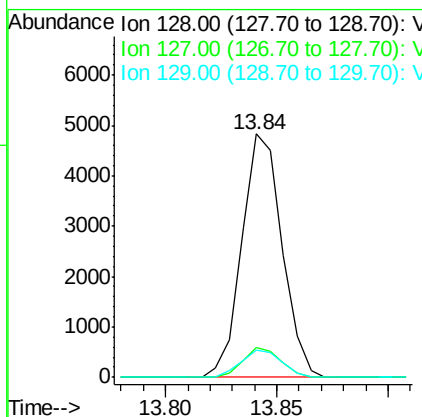
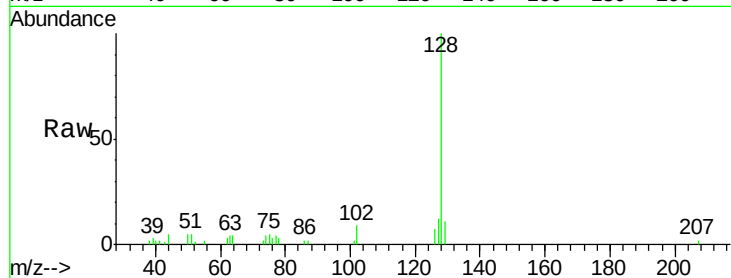
#95
Naphthalene
Concen: 0.79 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.01 min
Lab File: VX000064.D
Acq: 12 Feb 2018 14:25

Instrument :
ClientSampled :
MDL 02

Tot Ion	Ratio	Lower	Upper
128	100		
127	11.7	10.3	15.5
129	11.3	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
2/16/2018 11:44:50 AM



#96
1,2,3-Trichlorobenzene
Concen: 0.77 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. -0.00 min
Lab File: VX000064.D
Acq: 12 Feb 2018 14:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	101.1	47.9	143.7
145	30.4	15.7	47.0

